

1.0 TITLE PAGE

**Assessment report
August - November 2011 Diamond Drilling
Poplar Property
Lions Gate Metals, Inc.**

Mineral Titles Online tenure numbers: 507383, 504728

**Omineca Mining Division
British Columbia, Canada**

**BC Geological Survey
Assessment Report
33575**

**Latitude 54⁰ North
Longitude 127⁰ East
NTS 1:50,000 map sheets
093L02, 093L03, 093E14 and 093E15**

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January 11, 2013

The effective date of the exploration data is November 24, 2011.

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3.0 SUMMARY

From August 2nd to November 24th, 2011, Lions Gate Metals Inc. (LGM; the Company) conducted a diamond drill program at their 100% owned Poplar deposit. The program consisted of 10,913.93m in 29 holes, producing HQ and NQ diamond drill core.

This program (Phase 2 of a 2-stage program; Phase 1 was completed on March 23, 2011) was designed to confirm and expand upon the known extents of porphyry-style copper-molybdenum mineralization in the deposit area. Targets were selected based on results from historical drill holes, the results of a ground-based IP survey performed in 2009 (see Assessment Report #31373, Farrell, 2010), and the results of the 2011 Phase 1 program (Farrell and Schroff, 2012). In addition, several infill holes were drilled to provide additional gold and silver assays, which was a requirement for updating the mineral resource to include those metals.

This assessment report was prepared in order to satisfy assessment filing requirements by the Mines Branch of the Ministry of Energy and Mines, Government of B.C.

The Poplar deposit is a porphyry copper – molybdenum deposit located 750 metres north of Tagetochlain (Poplar) Lake at an elevation of approximately 900 metres. The deposit is associated with the Late Cretaceous Poplar stock. The Huckleberry Mine, located approximately 35 kilometres southwest of the Poplar Deposit, produces copper and molybdenum from a deposit of similar age and setting. (Ogryzlo, 2010)

The Poplar property has been an exploration target since 1971, and has undergone several diamond drilling programs from 1974 onwards. The exploration concept for historic, current and proposed exploration at Poplar has been to use the geophysical and geochemical characteristics common to porphyry copper deposits to develop targets for exploration. (Ogryzlo, 2010)

One important tool has been the use of IP surveys, which has served to guide LGM's drill programs. A 2009 geophysical survey was performed by Insight Geophysics Inc., comprising 13 line km of deep imaging induced polarization over the central and eastern portions of the Poplar

deposit and extending beyond the extents of known mineralization. The geophysical characteristics of the known deposit would then be used as a template for selecting targets for additional testing by drilling, laterally and at depth.

Over 23,000m of diamond drilling had been done on the Poplar deposit prior to its acquisition by LGM, most of which was done prior to 1982. Historical models and resource estimates had been produced by previous owners, based on this large data set. Thus, the approximate extent and grade of potentially economic mineralization was largely known prior to LGM's 2011 programs. Some infill drilling was required to confirm historical values; this process was begun in early 2011, in Phase 1, and continued later that year in Phase 2. Also, having had success in extending the limits of known mineralization in the Phase 1 program, LGM continued incrementally testing the extents of the deposit in Phase 2.

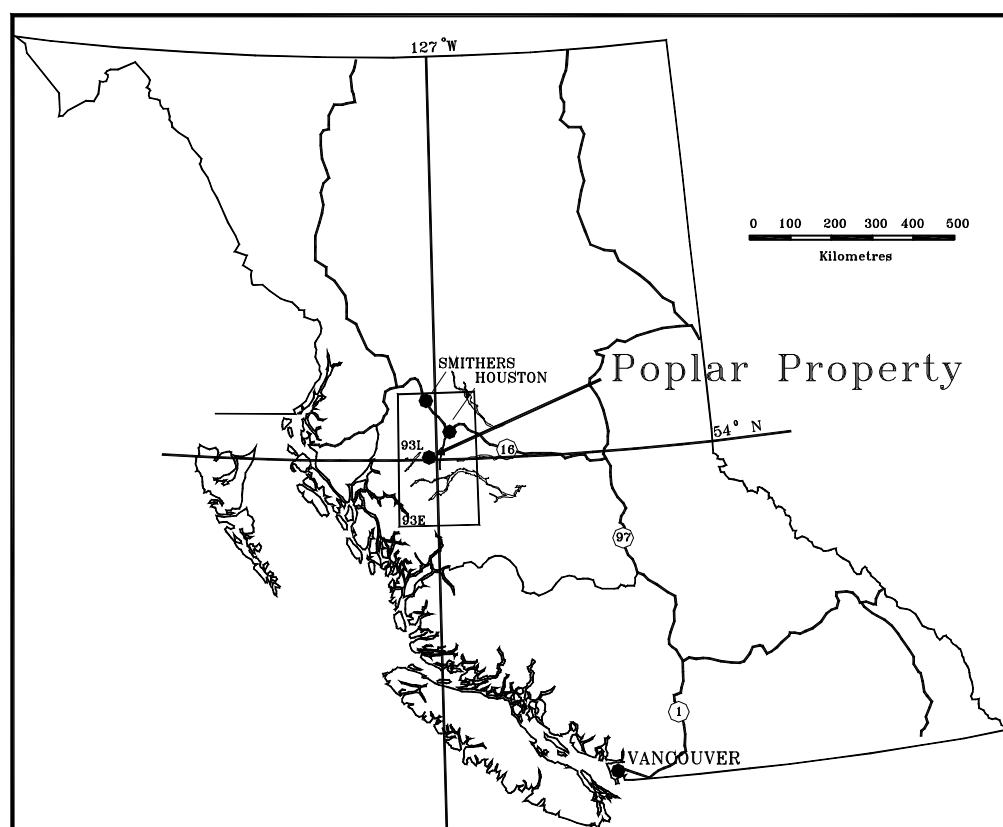


Figure 1. Location of the Poplar Property

4.0 PROPERTY DESCRIPTION AND LOCATION

LGM's Poplar claims are located approximately 60km south of Houston, B.C. The Poplar property comprises a group of 196 contiguous mineral tenures, covering 77,705 hectares. The claims are located in the Omineca Mining Division of B.C., NTS map sheets 093L02, 093L03, 093E14, and 093E15. All claims are in good standing, with expiry dates ranging from late 2012 to mid-2014.

The 2011 Phase 2 drill program was conducted entirely in the immediate area of the Poplar copper-molybdenum deposit. The tenures worked (507383 and 504728) are located approximately in the middle of LGM's claim block.

(From Ogryzlo, 2010)

LGM is the registered owner of the Poplar Property, and holds 100% of the rights to the claims. LGM's interest in certain claims is subject to an Amended and Restated Property Option Agreement dated July 30, 2007 between Hathor Exploration Limited and Fortress Base Metals Corporation, a predecessor of LGM. The agreement includes an Underlying Royalty of two per cent of the net smelter returns to the benefit of the estate of Mr. Frank Onucki, Mr. Mike Callaghan and Mr. Clyde Critchlow. The Company's interest in an additional 16 mineral claims for a total of 3902 hectares is also subject to an option agreement dated April 29, 2009 with Mr. John Bot. A further three mineral claims for a total of 266.5 hectares are subject to an option agreement dated May 25, 2009 with Ms. Patti Walker.

Table 1. Summary of mineral tenures
Lions Gate Metals Inc., Poplar Lake, British Columbia

Tenure Number	Claim Name	Area (HA)	Good to Date	Annual Work Due	Record Date	Map Number
504728	pop	475.05	25-Jun-2018	\$7,125.77	2005/jan/24	093L006
504732	pop2	57.02	25-Jun-2018	\$855.30	2005/jan/24	093L006
504763	Popular A	94.98	25-Jun-2018	\$1,424.76	2005/jan/25	093L006
504765	Popular B	304.13	25-Jun-2018	\$4,561.91	2005/jan/25	093E096,093L006
505707	Popular 5	379.89	25-Jun-2018	\$5,698.31	2005/feb/03	093L006
505711	Popular 6	341.87	25-Jun-2018	\$5,128.11	2005/feb/03	093L006
505714	Popular 7	380.08	25-Jun-2018	\$5,701.14	2005/feb/03	093E096,093L006
505717	Popular 8	323.20	25-Jun-2018	\$4,848.03	2005/feb/03	093E096

505729	Popular 9	304.00	25-Jun-2018	\$4,560.03	2005/feb/03	093L006
506385		893.12	25-Jun-2018	\$13,396.74	2005/feb/09	093E096,093L006
507383		342.06	25-Jun-2018	\$5,130.96	2005/feb/17	093L006
507393		227.98	25-Jun-2018	\$3,419.70	2005/feb/17	093L006
513562		76.04	25-Jun-2018	\$1,140.53	2005/may/30	093L006
532604	DUAL	38.06	25-Jun-2018	\$570.90	2006/apr/19	093E
553746	NADINA	76.17	25-Jun-2018	\$1,142.55	2007/mar/06	093E
558157	VALLEY	38.07	25-Jun-2018	\$571.05	2007/may/06	093E
563694	TROJAN	76.13	25-Jun-2018	\$1,141.95	2007/jul/27	093E095
572617	NAD 1	323.72	25-Jun-2018	\$4,855.80	2007/dec/28	093E
588261		152.32	25-Jun-2018	\$2,284.80	2008/jul/15	093E
588267		95.20	25-Jun-2018	\$1,428.00	2008/jul/15	093E
589018	POPLAR	380.28	25-Jun-2018	\$5,704.20	2008/jul/29	093E
589025	POPLAR 2	399.42	25-Jun-2018	\$5,991.30	2008/jul/29	093E
589030	POPLAR 3	76.10	25-Jun-2018	\$1,141.50	2008/jul/29	093E
589035	POPLAR 4	209.29	25-Jun-2018	\$3,139.35	2008/jul/29	093E
589036		38.04	25-Jun-2018	\$570.60	2008/jul/29	093E
590000	POPLAR	75.99	25-Jun-2018	\$1,139.90	2008/aug/15	093L
590006	POPLAR	171.17	25-Jun-2018	\$2,567.54	2008/aug/15	093E
590007	POPLAR	456.04	25-Jun-2018	\$6,840.54	2008/aug/15	093E
590015	POPLAR	455.68	25-Jun-2018	\$6,835.14	2008/aug/15	093L
590167		323.81	25-Jun-2018	\$4,857.15	2008/aug/19	093E
590495	TROY	114.19	25-Jun-2018	\$1,712.85	2008/aug/28	093E095
590543	GATEWAY	76.13	25-Jun-2018	\$1,141.95	2008/aug/29	093E095
591337		227.73	25-Jun-2018	\$3,415.92	2008/sep/13	093L
591338		455.41	25-Jun-2018	\$6,831.21	2008/sep/13	093L
591339	POPLAR	208.70	25-Jun-2018	\$3,130.50	2008/sep/13	093L
591340	POPLAR	455.90	25-Jun-2018	\$6,838.44	2008/sep/13	093L
591341	POPLAR	436.96	25-Jun-2018	\$6,554.34	2008/sep/13	093L
591342	POPLAR	456.15	25-Jun-2018	\$6,842.25	2008/sep/13	093E
591343	POPLAR	475.26	25-Jun-2018	\$7,128.95	2008/sep/13	093E
591344	POPLAR	455.92	25-Jun-2018	\$6,838.80	2008/sep/13	093L
591345		456.25	25-Jun-2018	\$6,843.81	2008/sep/13	093E
591346	POPLAR	456.13	25-Jun-2018	\$6,841.89	2008/sep/13	093L
591347	POPLAR	456.24	25-Jun-2018	\$6,843.59	2008/sep/13	093E
591348	POPLAR	456.40	25-Jun-2018	\$6,845.94	2008/sep/13	093E
591350	POPLAR	455.47	25-Jun-2018	\$6,832.07	2008/sep/13	093L
591351	POPLAR	341.47	25-Jun-2018	\$5,122.05	2008/sep/13	093L
591352	POPLAR	417.34	25-Jun-2018	\$6,260.06	2008/sep/13	093L
591353	POPLAR	455.45	25-Jun-2018	\$6,831.77	2008/sep/13	093L
591355	POPLAR	455.59	25-Jun-2018	\$6,833.79	2008/sep/13	093L
591404	POPLAR	456.59	25-Jun-2018	\$6,848.79	2008/sep/15	093E
591405	POPLAR	475.47	25-Jun-2018	\$7,132.11	2008/sep/15	093E
591406	POPLAR	475.51	25-Jun-2018	\$7,132.68	2008/sep/15	093E
591407	POPLAR	19.02	25-Jun-2018	\$285.23	2008/sep/15	093E
591408	POPLAR	475.59	25-Jun-2018	\$7,133.84	2008/sep/15	093E
591409	POPLAR	475.75	25-Jun-2018	\$7,136.22	2008/sep/15	093E
591417	POPLAR	475.84	25-Jun-2018	\$7,137.54	2008/sep/15	093E

591418	POPLAR	418.73	25-Jun-2018	\$6,280.89	2008/sep/15	093E
591419	POPLAR	475.96	25-Jun-2018	\$7,139.42	2008/sep/15	093E
591420	POPLAR	475.99	25-Jun-2018	\$7,139.90	2008/sep/15	093E
591421	POPLAR	457.00	25-Jun-2018	\$6,855.02	2008/sep/15	093E
591422	POPLAR	476.07	25-Jun-2018	\$7,140.98	2008/sep/15	093E
591423	POPLAR	456.75	25-Jun-2018	\$6,851.21	2008/sep/15	093E
591497	POPLAR	475.99	25-Jun-2018	\$7,139.90	2008/sep/17	093E
591498	POPLAR	456.75	25-Jun-2018	\$6,851.22	2008/sep/17	093E
591500	POPLAR	476.21	25-Jun-2018	\$7,143.14	2008/sep/17	093E
591501	POPLAR	476.24	25-Jun-2018	\$7,143.56	2008/sep/17	093E
591502	POPLAR	476.37	25-Jun-2018	\$7,145.61	2008/sep/17	093E
591503	POPLAR	457.23	25-Jun-2018	\$6,858.39	2008/sep/17	093E
591512	POPLAR	419.26	25-Jun-2018	\$6,288.83	2008/sep/17	093E
591513	POPLAR	228.56	25-Jun-2018	\$3,428.33	2008/sep/17	093E
591514	POPLAR	476.20	25-Jun-2018	\$7,142.97	2008/sep/17	093E
591515	POPLAR	38.11	25-Jun-2018	\$571.67	2008/sep/17	093E
591516	POPLAR	476.20	25-Jun-2018	\$7,143.02	2008/sep/17	093E
591518	POPLAR	476.34	25-Jun-2018	\$7,145.16	2008/sep/17	093E
591519	POPLAR	476.25	25-Jun-2018	\$7,143.78	2008/sep/17	093E
591520		438.27	25-Jun-2018	\$6,573.98	2008/sep/17	093E
591521	POPLAR	303.49	25-Jun-2018	\$4,552.35	2008/sep/17	093L
591525	POPLAR	474.19	25-Jun-2018	\$7,112.90	2008/sep/17	093L
591526	POPLAR	455.27	25-Jun-2018	\$6,829.08	2008/sep/17	093L
591527		455.47	25-Jun-2018	\$6,832.05	2008/sep/17	093L
591528	POPLAR	455.47	25-Jun-2018	\$6,832.02	2008/sep/17	093L
591529	POPLAR	455.45	25-Jun-2018	\$6,831.77	2008/sep/17	093L
591530	POPLAR	455.28	25-Jun-2018	\$6,829.23	2008/sep/17	093L
591531	POPLAR	455.15	25-Jun-2018	\$6,827.19	2008/sep/17	093L
591532	POPLAR	436.24	25-Jun-2018	\$6,543.56	2008/sep/17	093L
591533	POPLAR	474.18	25-Jun-2018	\$7,112.67	2008/sep/17	093L
591534	POPLAR	474.17	25-Jun-2018	\$7,112.61	2008/sep/17	093L
591535	POPLAR	474.20	25-Jun-2018	\$7,112.94	2008/sep/17	093L
591536	POPLAR	474.41	25-Jun-2018	\$7,116.21	2008/sep/17	093L
591537	POPLAR	474.41	25-Jun-2018	\$7,116.17	2008/sep/17	093L
591538	POPLAR	455.42	25-Jun-2018	\$6,831.33	2008/sep/17	093L
591564	POPLAR	474.65	25-Jun-2018	\$7,119.74	2008/sep/18	093L
591565	POPLAR	455.64	25-Jun-2018	\$6,834.65	2008/sep/18	093L
591658	PPR	323.43	25-Jun-2018	\$4,851.45	2008/sep/20	093E
591660	POP	476.00	25-Jun-2018	\$7,140.00	2008/sep/20	093E
591661	POP 2	476.22	25-Jun-2018	\$7,143.30	2008/sep/20	093E
591662	POP 3	476.23	25-Jun-2018	\$7,143.45	2008/sep/20	093E
591747	POPLAR	474.64	25-Jun-2018	\$7,119.65	2008/sep/22	093L
591749	POPLAR	474.79	25-Jun-2018	\$7,121.87	2008/sep/22	093L
591754	POPLAR	475.03	25-Jun-2018	\$7,125.39	2008/sep/22	093L
591755	POPLAR	437.24	25-Jun-2018	\$6,558.60	2008/sep/22	093E
591756	POPLAR	474.88	25-Jun-2018	\$7,123.25	2008/sep/22	093L
591757	POPLAR	474.88	25-Jun-2018	\$7,123.13	2008/sep/22	093L
591758	POPLAR	455.91	25-Jun-2018	\$6,838.65	2008/sep/22	093L

591759	POPLAR	475.12	25-Jun-2018	\$7,126.74	2008/sep/22	093E
591760	POPLAR	475.10	25-Jun-2018	\$7,126.55	2008/sep/22	093E
591761	POPLAR	475.19	25-Jun-2018	\$7,127.87	2008/sep/22	093E
591762	POPLAR	475.35	25-Jun-2018	\$7,130.21	2008/sep/22	093E
591763	POPLAR	474.85	25-Jun-2014	\$2,374.26	2008/sep/22	093L
591764	POPLAR	455.82	25-Jun-2018	\$2,279.11	2008/sep/22	093L
591768	POPLAR	474.91	25-Jun-2018	\$2,374.54	2008/sep/22	093L
591771	POPLAR	418.05	25-Jun-2018	\$2,090.25	2008/sep/22	093L
591774	POPLAR	266.06	25-Jun-2018	\$1,330.30	2008/sep/22	093L
591779	POPLAR	475.32	25-Jun-2018	\$7,129.85	2008/sep/22	093E
591782	POPLAR	475.43	25-Jun-2018	\$7,131.51	2008/sep/22	093E
591785	POPLAR	456.47	25-Jun-2018	\$6,847.04	2008/sep/22	093E
591791	P	418.42	25-Jun-2018	\$6,276.30	2008/sep/22	093E
591832	POPLAR	475.65	25-Jun-2018	\$7,134.69	2008/sep/23	093E
591833	POPLAR	475.69	25-Jun-2018	\$7,135.37	2008/sep/23	093E
591834	POPLAR	38.04	25-Jun-2018	\$570.54	2008/sep/23	093E
619823	POP1	455.64	25-Jun-2018	\$6,834.61	2009/aug/16	093L006
619824	POP2	455.66	25-Jun-2018	\$6,834.90	2009/aug/16	093L006
619825	POP3	455.67	25-Jun-2018	\$6,835.09	2009/aug/16	093L006
619826	POP4	455.68	25-Jun-2018	\$6,835.25	2009/aug/16	093L006
619827	POP5	455.69	25-Jun-2018	\$6,835.42	2009/aug/16	093L005,006
619843	POPLAR	455.65	25-Jun-2018	\$6,834.75	2009/aug/16	093L005
619844	POP6	436.64	25-Jun-2018	\$6,549.59	2009/aug/16	093L005
619883	POP7	474.76	25-Jun-2018	\$7,121.39	2009/aug/16	093L005
619903	POP8	189.96	25-Jun-2018	\$2,849.39	2009/aug/16	093L005
619904	POP9	18.98	25-Jun-2018	\$284.74	2009/aug/16	093L005
619905	POPLAR	19.00	25-Jun-2018	\$285.00	2009/aug/16	093L005
619906	POP10	227.82	25-Jun-2018	\$3,417.24	2009/aug/16	093L005
619907	POPLAR	455.46	25-Jun-2018	\$6,831.90	2009/aug/16	093L006
619923	POP11	455.59	25-Jun-2018	\$6,833.88	2009/aug/16	093L006
619924	POPLAR	456.14	25-Jun-2018	\$6,842.10	2009/aug/16	093L006
619925	POP12	455.73	25-Jun-2018	\$6,835.90	2009/aug/16	093L006
619926	POP13	455.86	25-Jun-2018	\$6,837.91	2009/aug/16	093L006
619927	POPLAR	456.00	25-Jun-2018	\$6,840.00	2009/aug/16	093L006
629284	POPLAR	152.12	25-Jun-2018	\$2,281.80	2009/sep/06	093E096
648925	POPLAR	476.54	25-Jun-2018	\$7,148.09	2009/oct/08	093E086
648926	POPLAR	476.58	25-Jun-2018	\$7,148.67	2009/oct/08	093E086
648927	POPLAR	475.65	25-Jun-2018	\$7,134.78	2009/oct/08	093E095
648943	POPLAR	475.69	25-Jun-2018	\$7,135.31	2009/oct/08	093E094,095
648944	POPLAR	475.68	25-Jun-2018	\$7,135.13	2009/oct/08	093E095
675683	SCARLET1	455.03	25-Jun-2018	\$6,825.51	2009/nov/27	093L015,016
675684	SCARLET2	454.90	25-Jun-2018	\$6,823.51	2009/nov/27	093L015,016
678283	POPLAR	455.72	25-Jun-2018	\$6,835.82	2009/dec/02	093L006,007
678303	POPLAR	455.86	25-Jun-2018	\$6,837.84	2009/dec/02	093L006,007
678323	POPLAR	455.99	25-Jun-2018	\$6,839.87	2009/dec/02	093L006,007
678343	POPLAR	456.14	25-Jun-2018	\$6,842.10	2009/dec/02	093L006,007
679383	POPLAR	455.79	25-Jun-2018	\$6,836.88	2009/dec/04	093L007
679386	POPLAR	456.07	25-Jun-2018	\$6,841.04	2009/dec/04	093L007

679387	POPLAR	456.31	25-Jun-2018	\$6,844.63	2009/dec/04	093E096
679388	POPLAR	456.31	25-Jun-2018	\$6,844.59	2009/dec/04	093E096
679403	POPLAR	456.45	25-Jun-2018	\$6,846.71	2009/dec/04	093E096
679404	POPLAR	456.59	25-Jun-2018	\$6,848.78	2009/dec/04	093E096
679423	POPLAR	437.38	25-Jun-2018	\$6,560.63	2009/dec/04	093E096
679424	POPLAR	285.37	25-Jun-2018	\$4,280.49	2009/dec/04	093E096
679443	POPLAR	228.37	25-Jun-2018	\$3,425.60	2009/dec/04	093E096
679444	POPLAR	456.47	25-Jun-2018	\$6,847.02	2009/dec/04	093E096
686883		454.92	25-Jun-2018	\$6,823.86	2009/dec/17	093L015
686903	SCARLET3	303.19	25-Jun-2018	\$4,547.90	2009/dec/17	093L015,016
697663	SCARLET 5	227.51	25-Jun-2018	\$3,412.65	2010/jan/11	093L016
866397	NADINA LAKE	76.17	25-Jun-2018	\$1,523.40	2011/jul/16	093E
929489	POPLAR S1	476.34	17-Nov-2013	\$2,381.71	2011/nov/17	093E095
929490	POPLAR S2	381.08	17-Nov-2013	\$1,905.40	2011/nov/17	093E095
929491	POPLAR S3	476.52	17-Nov-2013	\$2,382.62	2011/nov/17	093E095
929492	POPLAR S4	228.79	17-Nov-2013	\$1,143.96	2011/nov/17	093E095
929493	POPLAR S5	456.83	25-Jun-2018	\$6,852.38	2011/nov/17	093E095
929494	POPLAR S6	476.08	25-Jun-2018	\$7,141.15	2011/nov/17	093E095
929495	POPLAR S7	456.83	17-Nov-2013	\$2,284.17	2011/nov/17	093E095
929496	POPLAR S8	476.08	17-Nov-2013	\$2,380.40	2011/nov/17	093E095
929497	POPLAR S9	476.11	17-Nov-2013	\$2,380.53	2011/nov/17	093E095
929498	POPLAR S10	456.86	17-Nov-2013	\$2,284.32	2011/nov/17	093E095
929499	POPLAR S11	456.87	17-Nov-2013	\$2,284.35	2011/nov/17	093E095
929504	POPLAR S12	476.12	17-Nov-2013	\$2,380.60	2011/nov/17	093E095
929509	POPLAR S13	457.28	17-Nov-2013	\$2,286.40	2011/nov/17	093E095
929511	POPLAR S14	476.12	17-Nov-2013	\$2,380.61	2011/nov/17	093E095
929512	POPLAR S15	456.88	17-Nov-2013	\$2,284.42	2011/nov/17	093E095
929513	POPLAR S16	476.13	17-Nov-2013	\$2,380.67	2011/nov/17	093E095
929514	POPLAR S17	476.33	17-Nov-2013	\$2,381.66	2011/nov/17	093E095
929515	POPLAR S18	457.29	17-Nov-2013	\$2,286.46	2011/nov/17	093E095
929516	POPLAR S19	476.14	17-Nov-2013	\$2,380.68	2011/nov/17	093E095
929517	POPLAR S20	476.15	17-Nov-2013	\$2,380.74	2011/nov/17	093E095
929518	POPLAR S21	457.27	17-Nov-2013	\$2,286.34	2011/nov/17	093E095
929519	POPLAR S22	323.87	17-Nov-2013	\$1,619.36	2011/nov/17	093E095
936913	LARCH	398.97	18-Mar-2013	\$1,994.85	2011/dec/09	093E097
936915	LARCH2	399.09	18-Mar-2013	\$1,995.45	2011/dec/09	093E097
936917	LARCH3	399.23	18-Mar-2013	\$1,996.15	2011/dec/09	093E097
936919	LARCH4	361.26	18-Mar-2013	\$1,806.30	2011/dec/09	093E097
936921	LARCH5	456.47	18-Mar-2013	\$2,282.35	2011/dec/09	093E097
936922	LARCH6	456.61	18-Mar-2013	\$2,283.05	2011/dec/09	093E097
936924	WILLOW2	457.36	18-Mar-2013	\$2,286.80	2011/dec/09	093E097
936925	WILLOW3	457.49	18-Mar-2013	\$2,287.45	2011/dec/09	093E097
936926	WILLOW4	457.25	18-Mar-2013	\$2,286.25	2011/dec/09	093E097
936927		456.88	18-Mar-2013	\$2,284.40	2011/dec/09	093E097
936928	WILLARCH	456.71	18-Mar-2013	\$2,283.55	2011/dec/09	093E097
1010823	POP 14	19.04	05-Jul-2013	\$95.20	2012/jul/05	093E
1011143	POP 15	114.22	14-Jul-2013	\$571.10	2012/jul/14	093E
Claims		77914.89		\$1,010,350.73		

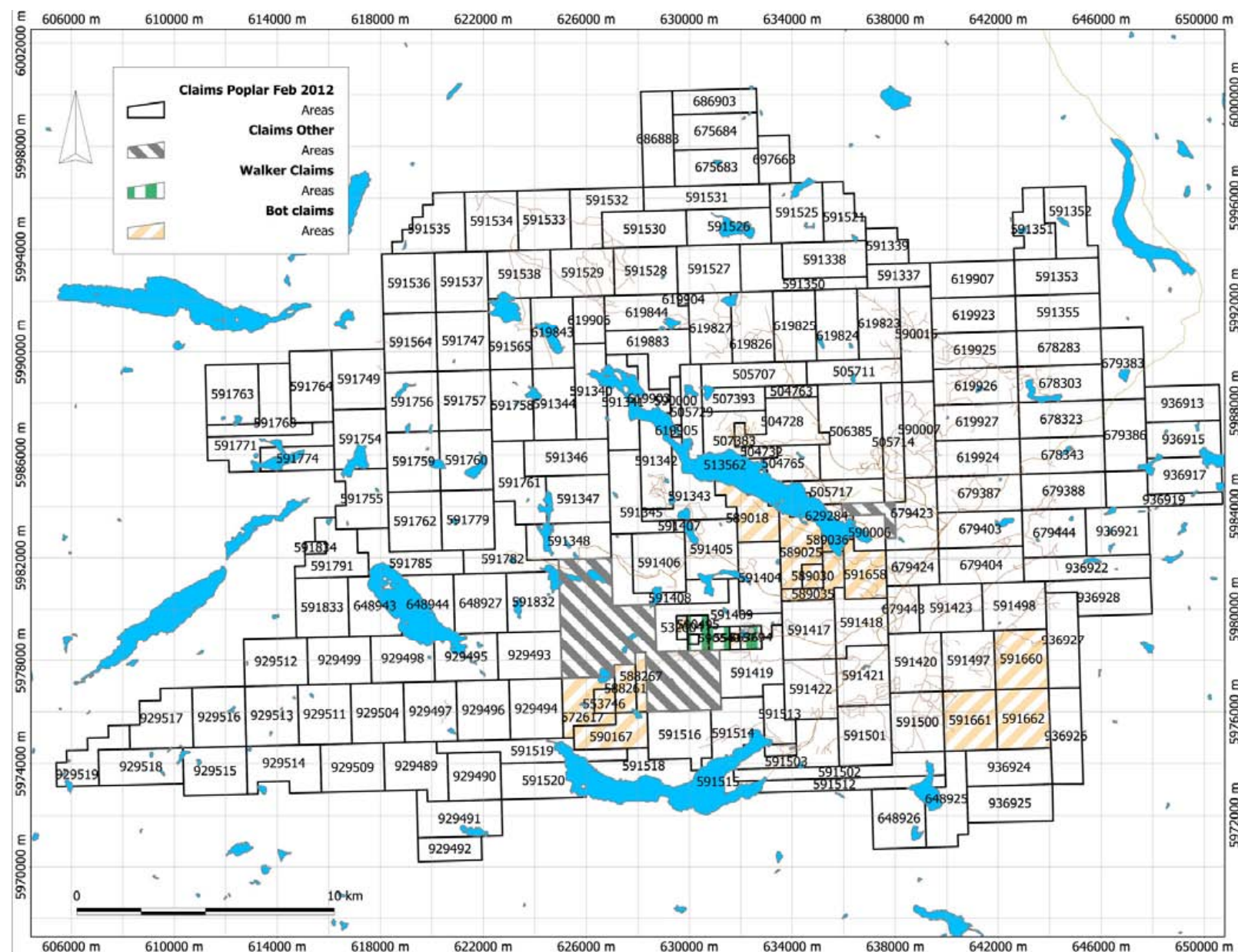


Figure 2. Location of Mineral Tenures owned by LGM at Poplar Lake, British Columbia. Grey hatched areas represent Mineral Tenures owned by individuals unrelated to LGM. Tenure locations as of December 21, 2012. Also shown are lakes, forest service access roads and exploration trails.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY (From Ogryzlo, 2010; Ogryzlo and Farrell, 2010)

5.1 Topography, elevation and vegetation

The property is located in the Tagetochlain (Poplar) Lake – Poplar Mountain district south of Houston, British Columbia. The district is located on the western margin of the Nechako Plateau physiographic region of central British Columbia. Relief is moderate on the property with a maximum difference in elevation of approximately 800 metres. The highest point on the property is the summit of Poplar Mountain, a local landmark, at approximately 1627 metres, with the lowest point at 825 metres on the shores of Poplar Lake.

Poplar Mountain drains to the south into Poplar Lake, thence by Poplar Creek into the Nadina River, and thence into the Fraser River system.

Ground cover is varied on the property. Open meadows used for grazing livestock are partially succeeded by open aspen parkland or scrub pine and spruce, which yield to sub-mature and mature stands of balsam fir at higher elevations.

5.2 Access to the Poplar Mineral Claims

The property is located approximately 60 kilometres south of the town of Houston in the Central Interior of British Columbia.

From Houston, road access to the deposit is approximately 90 km using a two-wheel drive vehicle in fair weather, and a four-wheel drive vehicle in poor weather. Road access is achieved by first travelling west from Houston on Highway 16 to the intersection with the Morice Forest Service Road; thence south 56.5 km on the Morice FSR and the Morice Owen FSR to the intersection with the Morice Nadina Forest Service Road. Travel is then south and west along the Morice Nadina FSR a further 19 kilometres to the Hill Tout Forest Service Road. The Hill Tout FSR is taken to the west for approximately 2.5 km to the intersection with the old Alcan Tahtsa access road. The Alcan Tahtsa Road is taken 1.3 kilometres north to the intersection with the

Poplar Forest Service Road, which is followed for approximately 8.6 kilometres west to the Main Zone of the Poplar property. The Poplar deposit is relatively central in the property.

5.3 Local Infrastructure

Houston, British Columbia is a major supply and industrial service center for the mining and logging operations located in the area. Houston is serviced by the CNR transcontinental railway as well as by Highway 16, a major thoroughfare. Daily air service to Vancouver is available from the Smithers, B.C. airport, which is approximately 70 kilometres by road to the west of Houston. There is a municipal airstrip west of Houston for non-scheduled services, and helicopters may be hired locally. The town of Smithers, located approximately 65 km to the west is also a service centre for the mineral exploration industry, with diamond drilling contractors, air services, and professional exploration personnel.

The 138 KVA power line and the access road servicing the Huckleberry Mine are located approximately eleven kilometres east of the Poplar mineral claims.

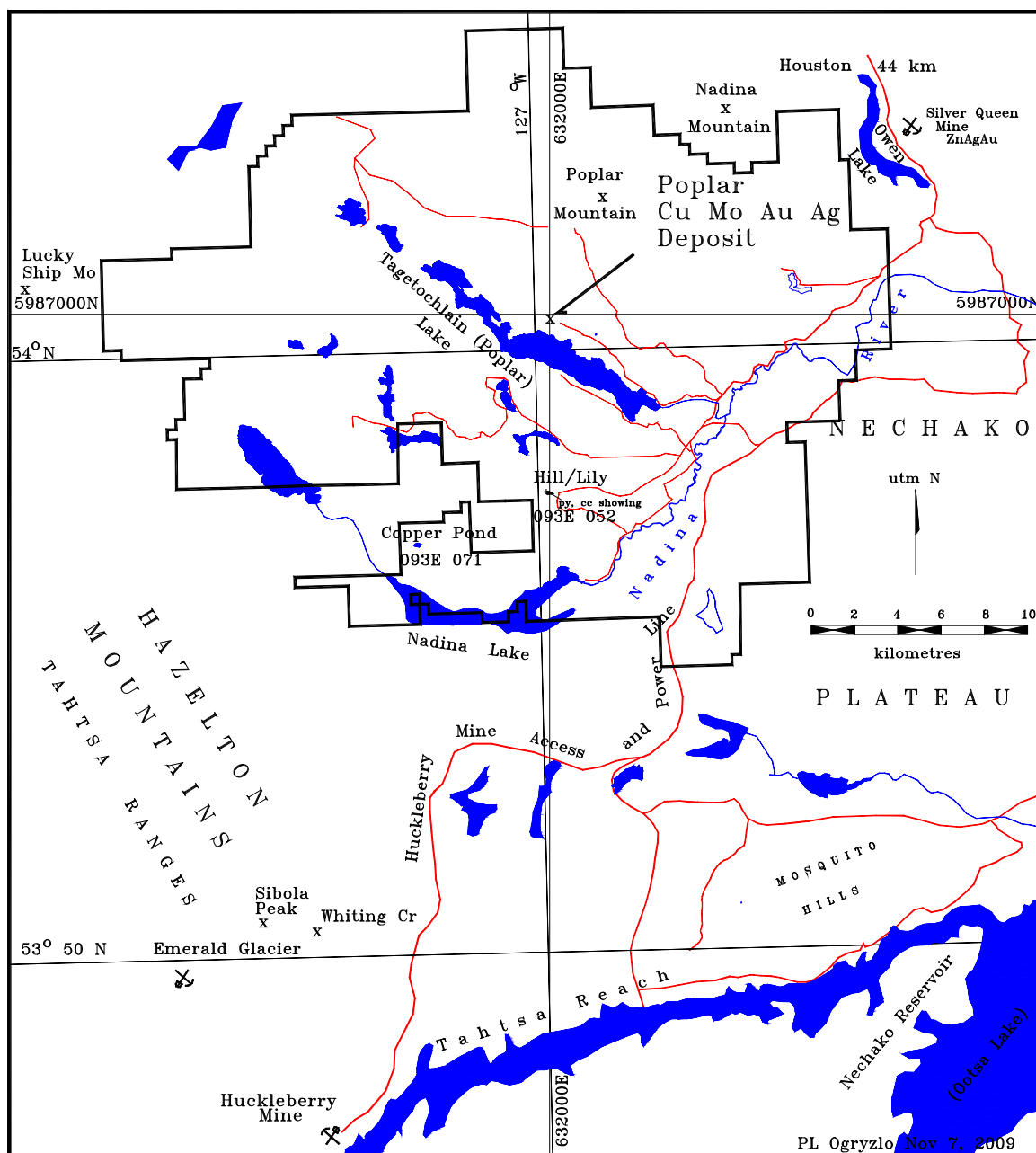


Figure 3. Poplar Lake Property Access with mineralized zone and surrounding mineral properties.

5.4 *Climate and Operating Season*

Climate on the Poplar property is typical of the Central Interior, with short cool summers, and long relatively mild winters. Annual temperature variation in the region is approximately –25 to +25 degrees Celsius. Snowpack in the winter ranges from approximately 1 to 2 metres. Exploration activities may be undertaken year round, with provision for freeze-up in the fall and break-up in the spring, when activities may be curtailed.

5.5 *Other Resources*

Adequate supplies of surface and ground water for exploration and mining are available. Water use is subject to provincial and federal regulation. Land use for exploration and mining purposes is governed by the Mineral Tenure Act, the Mines Right of Way Act, the Mines Act and other applicable laws of the Province of British Columbia.

The claims are located on Crown Land. Other resource related tenures in the area consist of grazing leases on the open pastures around Poplar Lake. The Nadina Lake Lodge is located on Gordeau Bay in Nadina Lake and is the only privately held land known of by the author on the claims. A Forest Service public campsite is located on the northeast shore of Poplar Lake, and has repeated use by local First Nations. A set of spawning channels is located on the Nadina River near the outlet of Nadina Lake, approximately 12.5 kilometres south of the Poplar Deposit. The spawning channels service one of the Fraser River sockeye salmon runs.

6.0 **HISTORY** (From Ogryzlo, 2010; Ogryzlo and Farrell, 2010)

6.1 *Exploration and Mining History of the western Nechako Plateau*

In general, the western edge of the Nechako Plateau has been actively explored since the early part of the 20th century. The Emerald Glacier Mine (MINFILE 093E001) is located in the Whiting Creek drainage approximately 35 km SW of the Poplar Property Claim, and was one of the first mines developed in north central British Columbia. The mine intermittently exploited a high grade Ag-Pb-Zn vein between 1951 and 1968. Reported production was 2.6 million grams of Ag, 1,524 grams of gold, 1.7 tonnes Cd, 9 tonnes of Cu, 766 tonnes of lead and 892 tonnes of Zn extracted from 8,293 tonnes of ore. The ore was produced from a series of en-echelon

polymetallic quartz veins cutting feldspathic sandstone and lesser siltstone and tuffaceous shale near the contact with overlying andesitic volcanic rocks and breccia.

A major thrust of exploration occurred in the late 1960s and early 1970s. This work led to the development of the Silver Queen underground mine (MINFILE 093L002) at Owen Lake, approximately 18 km northeast of the Poplar property. Silver Queen produced approximately 438,790 ounces of silver, 3,157 ounces of gold and 11.1 million pounds of zinc with lesser credits for lead, copper and cadmium from approximately 200,000 tons of ore in 1972 and 1973.

Exploration during this period also led to the discovery of the Huckleberry Mine (MINFILE 093E 037), which was actively explored from 1963 to 1994. The mine is located on the north side of Tahtsa Reach approximately 42 km WSW of the Poplar property. Porphyry copper-molybdenum mineralization at Huckleberry is associated with an elliptical stock of the Late Cretaceous Bulkley Intrusions. Production began in 1997, and the mine was operating at a rate of 18,500 tonnes per day at the time of preparation of this report. The operation is a modern mine and mill industrial complex producing copper, molybdenum, silver and gold, and is well-serviced with road, power and water. Combined geological resources at the opening of the mine were 162 million tonnes containing 0.47% Cu and 0.014 % Mo. The deposit has also produced 8,576 kilograms of silver and 253,460 grams of gold up to 2001.

The above information regarding production from the surrounding deposits has not been verified. The information is not necessarily indicative of the mineralization on the property that is the subject of this technical report.

6.2 Previous exploration - Geophysical surveying (1974 – 2005)

With its well-developed pyrite halo, the Poplar deposit responds well to the Induced Polarization method of geophysical surveying. Surveys performed from 1974-1976 (Witherly, 1974, Bowen 1975, 1976) effectively mapped the phyllic (quartz-sericite-pyrite) alteration zone, and served to direct the diamond drilling during the nineteen seventies and eighties. Surveys were performed with electrode configurations of $n=2$ and $n=4$, which only provided a partial image of chargeability distribution with depth. On the recommendation of Barry Price (Price, 2004) a survey was performed in 2005 by Peter Walcott and Associates. The survey read electrode

configurations n=1 to n=6, and provided a clear representation of chargeabilities west of the Main Zone, and indicated the presence of elevated chargeabilities at China Creek (Alex Walcott, personal communication). No assessment was filed for the 2005 geophysical survey, and the results are in the company files of Lions Gate Metals, Inc.

The early Induced Polarization surveys were accompanied by magnetometer surveys, but the deposit did not respond well magnetically.

6.3 Previous exploration - Geochemical surveying (1971- 1975)

Geochemical surveys were completed in 1972 by the El Paso Mining and Milling Company (Jones, 1972) and Utah Mines (Bowen, 1975). In general, the deposit responded well to geochemical surveying. Copper anomalies are displaced to the west from the areas of higher grade mineralization, possibly from dispersion by glacial ice movements. The area around Bill Nye Lake was also surveyed, but response was inadequate to serve as a guide to further exploration west of the Poplar Deposit.

6.4 Interpretation of historical exploration

The early ground surveys were invaluable in selecting the area of the Poplar deposit for further development. The geochemical response of the soil samples provided a clear indication of the presence of elevated concentrations of metals. The concentrations of sulphides in the alteration halo and in the deposit were similarly mapped by the Induced Polarization survey, and served to target the discovery hole, PC-1 in 1974. The surveys were carried out before Lions Gate Metals or its predecessor companies were in existence, and no relationship therefore exists between the contractors and companies carrying out the investigations. The data is considered to be reliable considering the technology in use at the time.

6.5 Previous Exploration – Diamond Drilling (1974 – 2005)

Several campaigns of diamond drilling by different operators have tested the Poplar property between 1974 and 1991. A total of 21,664 metres was drilled during this period in 90 holes at an estimated cost of \$1.7 million dollars.

Aumega Discoveries Ltd. completed approximately 3,000 metres of diamond drilling in 16 holes in 2005 on the Main Zone of the Poplar deposit and on the China Creek target. The results of this 2005 drill program were presented in AR #31104 in detail.

6.6 *Exploration by LGM (2009 - 2011)*

A deep imaging Induced Polarization survey was completed over the Poplar deposit in October 2009 (Dawson, 2009). Approximately 13 line kilometres were surveyed. The survey was designed by Insight Geophysics Inc. of Oakville Ontario to map the electrical properties of the area from surface to a maximum estimated depth of approximately 500 meters. This was accomplished by using the Insight or “Schlumberger” current electrode array for “depth sounding” along the survey lines. Approximately 13 line kilometres were surveyed using a Gradient IP array, and approximately 10 line kilometres were surveyed to produce the Insight depth sounding cross sections. Cross sections of chargeability and apparent resistivity were inverted to produce models of the electrical properties. These models were compared with the known mineralized intercepts in the diamond drill holes in order to look for extensions of mineralization both laterally and at depth. (Ogryzlo, 2010)

The 2009 IP survey (AR #31373) was focused on the Poplar deposit and its immediate area, and was used to refine drilling targets for 2011. LGM’s 2011 Phase 1 drill program (Farrell and Schroff, 2012) consisted of 5,568.70m in 13 holes. The Phase 1 program achieved several objectives, including confirming historical drill hole data, extending the limits of potentially economic mineralization in the deposit area, and providing new subsurface geological information to correlate with the 2009 IP survey.

Other recent programs with a more regional focus include an airborne electromagnetic and magnetic survey done over LGM’s claims (AR #31788) and a geochemical soil sampling program (AR #31373).

7.0 GEOLOGICAL SETTING (Ogryzlo, 2010)

7.1 Regional Geology

The Whitesail and Smithers map areas (NTS 93E / 93L) straddle the boundary between the Coast tectonic belt and the Intermontane tectonic belt (MacIntyre et al., 1994, 2007). The Kitimat Ranges of the Coast Mountains lie to the west, with the Tahtsa Ranges of the Hazelton

Mountains lying between the Interior Plateau and the Coast Mountains. Much of the map area is underlain by the Lower to Middle Jurassic Hazelton Group. The Hazelton group is comprised of folded and weakly metamorphosed to undeformed intermediate and basic volcanic rocks, as well as derived sedimentary rocks attributed to ancient island arc complexes of the Stikine Terrane. Mesozoic compressional tectonics resulting from the joining of the Stikine Terrane to continental North America were succeeded by Late Cretaceous and Tertiary extension and rifting. The Cretaceous Skeena Group is comprised of black marine shale and siltstone, with lesser sandstone and conglomerate. These rocks were deposited in successor marine basins as igneous activity waned.

Continental volcanic rocks of Upper Cretaceous to Eocene age occur in the Poplar Lake area as the Upper Cretaceous Kasalka and the Oligocene to Eocene Ootsa Lake groups. The Eocene to Miocene Endako Lake Group is largely comprised of mafic volcanic rocks, and occurs as plateau basalts within the map area, as well as occupying the downdrop basin of the Ootsa Lake valley.

The Intermontane Belt has been the site of episodic plutonic activity from Late Triassic time onwards. The plutons are grouped according to age, and have varying associated metal concentrations. The oldest plutons on the map sheets are the feldspar phyric intrusions of the Late Cretaceous Bulkley Plutonic Suite. The Poplar Stock, with its associated haloes of mineralization and alteration has been ascribed to the Bulkley Plutonic Suite. These were succeeded by granodiorite intrusions of the Cretaceous Kasalka Plutonic Suite. The extensive outpourings of continental volcanic rocks in Eocene time have their equivalents in the porphyritic intrusions of the Eocene Nanika Plutonic Suite. Host rocks at Poplar Lake had been previously assigned to the Telkwa Formation of the Lower Jurassic Hazelton Group. These older rocks are now confined to a NNW trending block which forms highlands of Poplar Mountain.

Structurally, extensional tectonics produced downdrop basins, which are filled with younger rocks of the Kasalka and Skeena Groups. MacIntyre (2007) has reassigned the volcanic rocks around the Poplar deposit to the Cretaceous Kasalka Group. The major faults which defined the fault blocks are generally oriented west-northwest, and northeast. The scarp of one of the NNW trending faults forms the steep western slope of the Poplar Mountain ridge.

The topography of the area has been extensively modified by Quaternary ice sheets of Wisconsinian age. Ice movements in the area were complex, with an apparent reversal in the direction of ice flow (Ferbey and Levson, 2001). At the Huckleberry mine, two dominant ice flow directions have been reported, namely 040-091 degrees and 236-265 degrees. Along the shores of Tahtsa Reach and Ootsa Lake, ice flow was topographically controlled and appears to have flowed parallel to the valleys. At lower elevation, Ferby and Levson (2001b) report that it is common to find WSW and ENE ice flow indicators at opposite ends of the same outcrop. At the onset of glaciation, ice flowed east from the Coast Mountains directed by the major valleys. As glaciation advanced, an ice dome or ice divide formed in central British Columbia during the glacial maximum. Ice flowed west to southwest back over the adjoining peaks of the Coast Mountains.

As glaciation waned, the ice divide shifted to the west, and ice flow once again was to the ENE along the major valleys. These ice flow reversals will have an effect on any surface drift exploration in the region.

The region is exceptionally well mineralized, with a number of producers, past producers and partially developed deposits with drill indicated resources. The area has been and continues to be an important supplier of base and precious metals in the Province of British Columbia. The most important of these operations are the past producing Emerald Glacier Mine, the past producing Silver Queen Mine, and the Huckleberry Mine of Imperial Metals which is in production at the time of preparation of this report.

Exploration in the area has also resulted in the development of a number of deposits with drill-indicated resources. The Poplar Cu Mo Ag Au Deposit (MINFILE 093L 239) is central to the claim group. The Whiting Creek stockwork Mo-Cu deposit (MINFILE 093E 112) is located eight kilometres north of the Huckleberry Mine. The Lucky Ship stockwork molybdenum deposit (MINFILE 093L053) is located 23 km west of the Poplar Property.

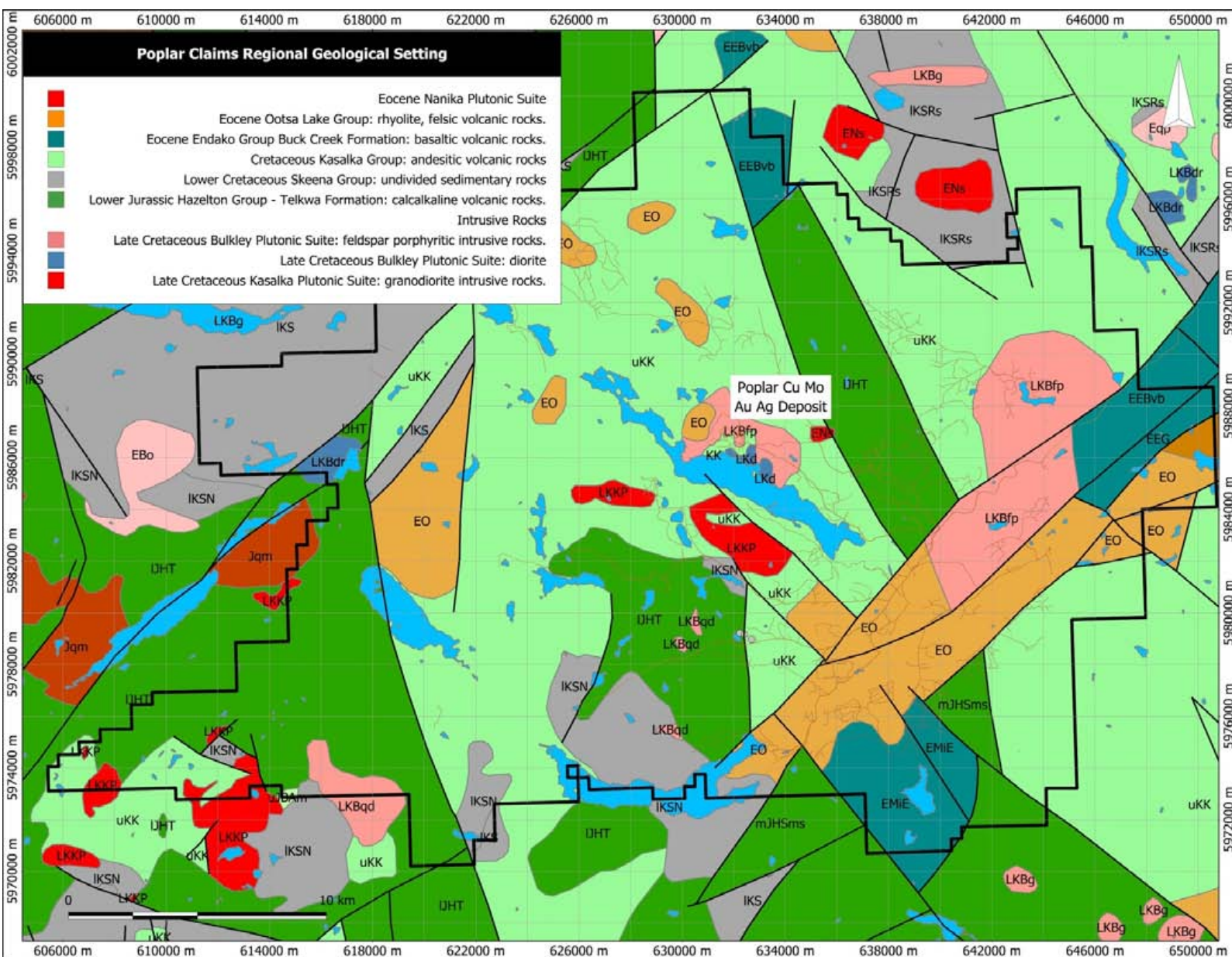


Figure 4. Regional Geological Setting Poplar Deposit. Geology after MacIntyre (2007), Mesard et al (1979) and property files.

7.2 Local and Property Geology - Poplar Mineral Claims

Rocks ranging in age from Mesozoic to Tertiary underlie the Poplar Property.

The Poplar Property is primarily underlain by fragmental volcanic rocks of the Cretaceous Kasalka Group (MacIntyre, 2007). These rocks are in fault contact with fragmental volcanic rocks of the Lower Jurassic Telkwa Formation. The volcanic rocks have been intruded by

granitic to granodioritic rocks of the Late Cretaceous Bulkley Intrusions, and the Late Cretaceous Kasalka Plutonic Suite. An outlier of felsic volcanic rocks of the Eocene Ootsa Lake group partially overlies the western portion of the Poplar deposit.

The Poplar Stock is located on the north shore of Tagetochelain Lake. Its exposed dimensions are approximately 4,600 metres east-west by 1,800 metres north-south. The southern limit of the stock is not exposed, and may lie underneath Tagetochlain Lake. The stock has been assigned a Late Cretaceous age. A radiometric date of 76.2 ± 2.7 Ma was derived from biotite by Carter (Mesard et al, 1979), indicating that the intrusion may be assigned to the Bulkley Plutonic Suite. The stock appears to be composite, with a diorite core surrounded by border phase hornblende-phyrlic quartz monzonite.

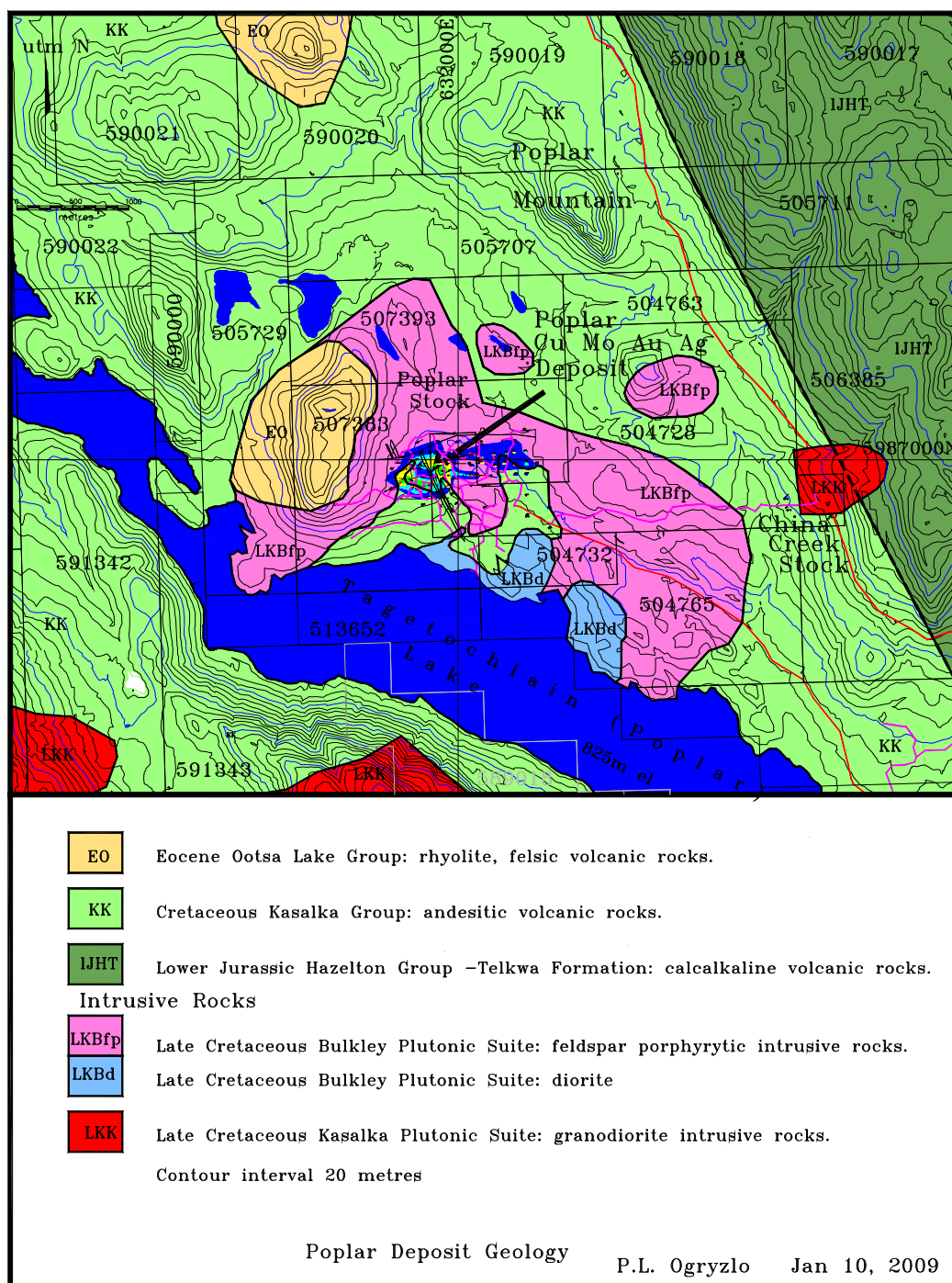


Figure 5. Poplar Deposit Local Geology. From MacIntyre (2007), Mesard et al (1979) and property files.

The Poplar stock intrudes a down-faulted block of Kasalka and Skeena Group rocks, which occupy the lowlands south and west of Poplar Mountain. The Skeena Group has been tentatively been identified as dark grey to green crystal and lapilli tuff and siltstone, with lenses of medium grained sandstone. The Kasalka Group rocks have been described in outcrop and diamond drill core as volcanoclastic and epiclastic, most typically represented by a reddish brown polyolithic conglomerate. Clasts within the conglomerate include felsic to intermediate tuff, andesite, quartz and banded chert in a matrix of fine grained chert and quartz, with silica and iron oxide cement. A block of Kasalka Group volcanoclastic rocks is enclosed within the Poplar stock, and may be a roof pendant in the upper portion of the intrusion. Sulphide mineralization is associated with the northern contact of this block with its surrounding intrusive rocks. Also within the downdropped block are outliers of the Eocene Ootsa Lake group. These are represented by felsic subaerial epiclastic rocks. The western portion of the Poplar Stock is partially covered by an outcrop of Ootsa Lake rocks.

Intrusions assigned to the Late Cretaceous Kasalka Plutonic Suite (MacIntyre 2007) outcrop south of Tagetochlain Lake. An intrusion described in this paper as the China Creek Stock occurs along the faulted contact between Lower Jurassic Telkwa Formation rocks and Upper Cretaceous Kasalka Group rocks on the southwest slope of the Poplar Mountain ridge. Copper and molybdenum mineralization is associated with the China Creek stock, and has been partially explored with Induced Polarization geophysical surveying and diamond drilling.

8.0 MINERALIZATION (Ogryzlo, 2010)

Chalcopyrite occurs in the Poplar deposit most commonly as disseminations (op. cit.) and less commonly as 1-5mm veinlets associated with quartz. Chalcopyrite also has been observed as minute inclusions with pyrite in magnetite grains. Molybdenite mineralization is largely restricted to quartz veins. The veins are either ribboned with alternating bands of quartz and coarse-grained molybdenite, or as dark bands of quartz with fine grained disseminated molybdenite. Bornite appears as fine grained disseminations with chalcopyrite and specular hematite. Covellite has been observed as iridescent tarnish on chalcopyrite and bornite.

The sulphide mineralization is contained within broad envelopes of propylitic, argillic, phyllic and potassic alteration. The potassic alteration zone is characterized by envelopes of salmon

pink orthoclase around quartz, quartz-molybdenite and chalcopyrite veinlets, and as groundmass flooding in the host rock. Secondary biotite also occurs in the potassic alteration zone, imparting a dusty brown hue to the rock. Magnetite accompanies the secondary biotite in disseminations with chalcopyrite. Phyllic alteration is the most extensive, and is characterized by sericite and pyrite. Pyrite content locally reaches 10%. Quartz, gypsum and anhydrite accompany these minerals.

Argillic and propylitic alteration are present, but are volumetrically not as important as the potassic and phyllic alteration. The potassic alteration envelope to the deposit has been defined for approximately 2000 metres east-west by 1000 metres north-south, with the argillic alteration zone enclosed within the potassic zone (Mesard et al, 1979).

8.1 Copper distribution

Copper mineralization has been identified in diamond drilling along the northern contact of the inlier of Kasalka Group volcanoclastic rocks. The copper grades shells have been projected to surface to the Main Zone deposit. The deposit may have been subject to structural adjustment, as the copper grade shells in the East Zone as seen in Figure 8 appear to be capped by approximately 100 metres of poorly mineralized rock. The best grades in the Main Zone appear to wrap around a central poorly mineralized core.

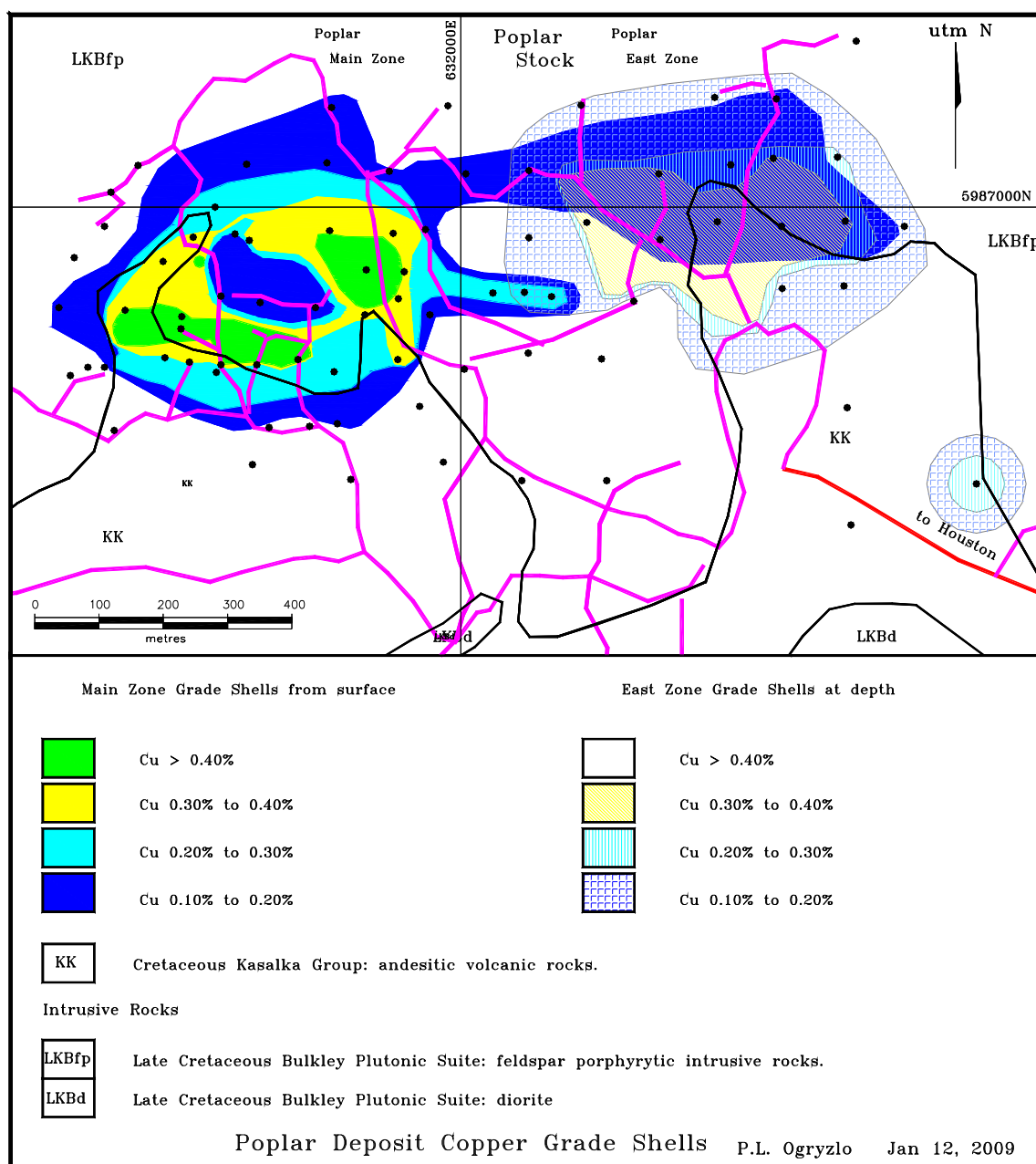


Figure 6. Distribution of copper in the Poplar Deposit. Grades are projected to surface from drill intercepts. Copper grades from Bowen (1976a, 1967b, 1977, 1979), Holland (1980a, 1980b, 1981, 1982) House (1992), Schmidt (1974, 1975). Copper grades for 2005 drilling from internal company records and Turna (Personal communication).

8.2 *Other Mineralized Zones*

Other zones of mineralization have been identified within the claims surrounding the Poplar Deposit. The China Creek zone was tested by Induced Polarization and diamond drilling in 2005. Sub-economic concentrations of copper and molybdenum were identified in granitic rocks.

Sulphide mineralization has been identified on the Hill / Lily Showing (MinFile 093E 052). Sulphide minerals outcrop in a road cut on the Hill-Tout Forest Service Road approximately 2.7 km southeast of Hill-Tout Lake. The mineralization is on claims optioned from J. Bot and P. Walker.

Sulphide mineralization has also been identified at Copper Pond (MinFile 093E 071), approximately 2400 metres northwest of the western end of Nadina Lake. Sub-economic concentrations of copper and molybdenum were identified during the course of diamond drilling in 1973. Approximately 2400 metres of diamond drilling guided by geochemical and induced polarization surveys were completed at Copper Pond. The mineralized zone lies on tenures under option from J. Bot.

9.0 DRILLING (From Giroux, 2012.)

During the period August 2nd to November 24th 2011, approximately 10,913.93 meters of diamond drilling was completed in 29 holes using HQ and NQ diamond drill core. Drilling was focused on the Main Zone of the Poplar Deposit, the 61 zone, the Eastern Zone as well as exploratory drilling to expand the 0.1% Cu grade shell.

The drilling was contracted to Titan Diamond Drilling of Smithers, BC. Core logging services and sampling supervision was completed by Andrea Ross, Andrew Gourlay, P.Geo. and Lorie Farrell. The drill core was logged onsite prior to sampling with notation made of lithology, mineralization, structures, alteration and core recovery. The core was split and sampled onsite with samples being delivered to ACME Laboratories in Smithers, BC for preparation. The split core is stored at the Rugged Edge Holdings Ltd. warehouse in Smithers, BC.

The purpose of the 2011 Phase 2 drilling was:

1. to extend mineralization identified in the Phase 1 drilling;
2. expand known areas of higher grade mineralization;
3. infill drilling to provide enough gold and silver analyses for an estimation of grade, and;
4. to test anomalies identified through the 2009 geophysical exploration program.

Table 2. Summary of 2011 Phase 2 Poplar Drill hole locations.

Drill hole	Easting	Northing	Elevation (m)	Azimuth	Dip (°)	Depth (m)
11-PC-97	631621	5987124	901	180	-50	566.16
11-PC-98	631590	5986639	900	0	-75	453.24
11-PC-99	631805	5986738	886	295	-66	502.13
11-PC-100	631797	5986659	892	356	-72	553.82
11-PC-101	631700	5986639	890	355	-77	502.01
11-PC-102	631494	5986644	904	354	-70	450.19
11-PC-103	631494	5986644	904	354	-56	502.01
11-PC-104	631885	5986902	894	270	-60	402
11-PC-105	631386	5986867	927	90	-65	200.25
11-PC-106	632041	5986825	911	270	-80	450
11-PC-107	631556	5986987	906	270	-65	200.25
11-PC-108	631749	5987223	886	180	-65	602.74
11-PC-109	631894	5987150	905	180	-67	501
11-PC-110	632004	5987116	890	180	-70	477
11-PC-111	632389	5986708	887	0	-70	498
11-PC-112	632197	5987410	921	180	-55	130.15
11-PC-113	631797	5987413	921	180	-55	127.1
11-PC-114	631866	5987049	857	177	-50	200.25
11-PC-115	632200	5986792	890	0	-50	201
11-PC-116	632259	5986800	894	355	-50	252
11-PC-117	632203	5987060	888	180	-65	599.7
11-PC-118	632376	5986828	897	355	-50	252
11-PC-119	632113	5986637	881	354	-68	501
11-PC-120	631999	5986800	898	265	-55	252
11-PC-121	632232	5987036	882	180	-50	172.82
11-PC-122	631954	5987051	915	175	-60	252.07
11-PC-123	632433	5987059	906	170	-50	261.21
11-PC-124	632528	5986970	912	180	-67	599.7
11-PC-125	632573	5987054	916	180	-50	252.13

(Added details in this section are from personal communications with A. Ross)
Drill hole 11-PC-97 tested the northern portion of the Main Zone, and was mineralized from top to bottom, averaging 0.23% Cu over 545.43m; including 331.45m of 0.32% Cu from 174.95-506.40m and 147.87m averaging 0.45% Cu from 358.53-506.40m.

Drill hole 11-PC-99 was drilled east of the discovery hole and hole 11-PC-88, to extend the Main Zone. The hole was mineralized from top to bottom, averaging 0.34% Cu over 448.41m, including 179.17m averaging 0.46% Cu from 235.42-414.59m.

Drill holes 11-PC-100, 11-PC-101, 11-PC-102 and 11-PC-103 were drilled along the southern side of the Main Zone. These holes returned weak copper values and provided valuable information regarding the southern limit of mineralization.

Drill hole 11-PC-104 was drilled to define the eastern contact of the low grade zone within the Main Zone. The hole was weakly mineralized from top to bottom, averaging 0.17% copper over 371.54m; including 70.40m of 0.46% Cu from 30.46-100.86m.

Drill hole 11-PC-105 was drilled to test the western contact of the Main Zone, and was weakly mineralized from top to bottom, averaging 0.16% Cu over 185.83m.

Drill hole 11-PC-106 was designed to test east of historic drilling and provide infill data. The hole was weakly mineralized, averaging 0.15% Cu over 424.55m.

Drill hole 11-PC-107 was drilled north of hole 11-PC-86 and 11-PC-87 to test the northwest contact, and was mineralized from top to bottom, averaging 0.20% Cu over 188.06m.

Drill hole 11-PC-108 was drilled to test the northern contact of the Main Zone and to test below shallow historic holes. The hole was weakly mineralized and provided information about the northern limit of mineralization.

Drill hole 11-PC-109 was drilled to test the northern contact of the Main Zone and to test an Insight geophysical target. The hole was weakly mineralized from top to bottom, averaging 0.18% copper over 471.00m; including 164.77m of 0.37% Cu from 336.23-501.00m.

Drill hole 11-PC-110 was drilled to test the northern extension of hole 11-PC-85 and the northern contact of the East Zone and was mineralized from top to bottom, averaging 0.22% Cu over 459.00m; including 140.29m of 0.42% Cu from 336.17-477.00m.

Drill hole 11-PC-111 was drilled to test the southern contact of the East Zone, and was weakly mineralized from top to bottom, averaging 0.17% Cu over 489.00m. A noteworthy intersection is 144.37m averaging 0.35% Cu from 312.87m to 457.24m.

Drill holes 11-PC-112 and 11-PC-113 were drilled to test airborne EM targets. Both holes were weakly mineralized, however hole 11-PC-112 intersected 31.75m averaging 4.96 g/t Ag from 98.40m to 130.15m and hole 11-PC-113 intersected 75.15m averaging 11.71 g/t Ag from 51.95m to 127.10m.

Drill hole 11-PC-114 was drilled for infill data and was mineralized from top to bottom, averaging 0.34% Cu over 154.70m.

Drill hole 11-PC-115 was drilled to test the southern contact of the 61 Zone and was weakly mineralized from top to bottom, averaging 0.15% Cu over 185.91m, including 0.31% Cu over 75.42m from 125.58-201.00m.

Drill hole 11-PC-116 was drilled for infill data and was weakly mineralized from top to bottom, averaging 0.19% Cu over 249.00m including 155.79m of 0.26% Cu from 96.21-252.00m.

Drill hole 11-PC-117 was drilled in the central portion of the East Zone, to test historic drilling and an Insight resistivity anomaly. The hole was mineralized from top to bottom, averaging 0.20% Cu over 594.97m, including 133.42m averaging 0.40% Cu from 206.53m to 339.95m.

Drill hole 11-PC-118 was drilled for infill data and was weakly mineralized from top to bottom, averaging 0.11% Cu over 246.00m, including 82.50m of 0.27% Cu from 165.66-248.16m

Drill hole 11-PC-119 was drilled to test the southern contact of the East Zone. The hole was weakly mineralized and provided information about the southern limit of mineralization.

Drill holes 11-PC-120, 11-PC-121, 11-PC-122 and 11-PC-123 were drilled for infill data. Hole 11-PC-120 was mineralized from top to bottom, averaging 0.25% Cu over 224.79m. Holes 11-

PC-121, 11-PC-122 and 11-PC-123 were weakly mineralized from top to bottom, averaging 0.09% Cu over 169.77m, 0.11% Cu over 224.64m and 0.17% Cu over 245.97m respectively.

Drill Hole 11-PC-124 tested an Insight geophysical anomaly and to provide infill data in the East Zone. The hole was weakly mineralized from top to bottom, averaging 0.14% Cu over 590.40m, including 101.29m of 0.27% Cu from 187.06-288.35m.

Drill hole 11-PC-125 was drilled for infill data. The hole was weakly mineralized and provided information about the eastern limit of mineralization.

Table 3. Select summary of assays from 2011 Phase 2 drilling.

Drill hole	From (m)	To (m)	Width (m)	Cu (%)	Mo (%)	Ag (g/t)	Au (g/t)
11-PC-97	20.73	566.16	545.43	0.23	0.012	1.72	0.06
<i>incl.</i>	174.95	506.4	331.45	0.32	0.016	2.15	0.08
<i>incl.</i>	358.53	506.4	147.87	0.45	0.022	3.42	0.13
11-PC-98	3.16	453.24	450.08	0.06	0.003	0.87	0.01
<i>incl.</i>	108.27	308.1	199.83	0.09	0.004	0.75	0.02
<i>incl.</i>	170.08	308.1	138.02	0.1	0.005	0.85	0.02
11-PC-99	53.6	502.01	448.41	0.34	0.018	2.36	0.11
<i>incl.</i>	53.6	414.59	360.99	0.37	0.023	2.63	0.12
<i>incl.</i>	235.42	414.59	179.17	0.46	0.026	3.66	0.18
11-PC-100	7.27	553.82	546.55	0.09	0.006	1.7	0.02
<i>incl.</i>	146.12	303.62	157.5	0.13	0.006	2.6	0.03
<i>incl.</i>	194.39	254.89	60.5	0.19	0.008	2.79	0.05
<i>incl.</i>	368.65	401.77	33.12	0.14	0.01	7.46	0.03
<i>incl.</i>	479.97	553.82	73.85	0.18	0.019	0.96	0.05
11-PC-101	2.66	502.01	499.35	0.04	0.002	0.67	0.009
<i>incl.</i>	154.95	351.35	196.4	0.07	0.004	1.2	0.02
<i>incl.</i>	154.95	291.35	136.4	0.08	0.004	1.39	0.02
11-PC-102	8.55	450.19	441.64	0.02	0.001	0.37	0
11-PC-103	13.51	502.01	488.5	0.09	0.006	0.72	0.02
<i>incl.</i>	192.74	395.53	202.79	0.16	0.01	0.71	0.03
11-PC-104	30.46	402	371.54	0.17	0.001	2.08	0.06
<i>incl.</i>	30.46	100.86	70.4	0.46	0.003	1.92	0.16
<i>incl.</i>	109.86	137.72	27.86	0.27	0.002	4.5	0.07
<i>incl.</i>	146.72	173.7	27	0.23	0.003	1.66	0.07
11-PC-105	14.42	200.25	185.83	0.16	0.009	0.52	0.03
<i>incl.</i>	71.42	200.25	128.83	0.2	0.011	0.63	0.04

Drill hole	From (m)	To (m)	Width (m)	Cu (%)	Mo (%)	Ag (g/t)	Au (g/t)
<i>incl.</i>	150.61	200.25	49.64	0.29	0.014	0.82	0.06
11-PC-106	25.45	450	424.55	0.15	0.008	3.89	0.03
<i>incl.</i>	178.07	450	271.93	0.19	0.011	4.62	0.05
<i>incl.</i>	210.06	450	239.94	0.19	0.011	5.03	0.05
<i>incl.</i>	287.8	450	162.2	0.21	0.012	5.61	0.05
11-PC-107	12.19	200.25	188.06	0.2	0.011	0.74	0.04
11-PC-108	21.5	602.59	581.09	0.1	0.007	1.15	0.09
<i>incl.</i>	396.75	519.75	123	0.21	0.013	2.43	0.33
11-PC-109	30	501	471	0.18	0.006	1.88	0.06
<i>incl.</i>	243.23	501	257.77	0.29	0.01	2.58	0.1
<i>incl.</i>	336.23	501	164.77	0.37	0.013	3.4	0.13
11-PC-110	18	477	459	0.22	0.002	1.61	0.07
<i>incl.</i>	336.17	477	140.29	0.42	0.005	2.19	0.14
<i>incl.</i>	402.77	417.77	15	1.12	0.001	4.7	0.33
11-PC-111	9	498	489	0.17	0.002	2.07	0.04
<i>incl.</i>	190.55	457.24	266.69	0.27	0.002	2.82	0.06
<i>incl.</i>	312.87	457.24	144.37	0.35	0.001	3.4	0.07
11-PC-112	18.27	130.15	111.88	0.06	0.001	2.2	0.03
<i>incl.</i>	98.4	130.15	31.75	0.15	0.003	4.96	0.06
11-PC-113	51.95	127.1	75.15	0.02	0	11.71	0.01
11-PC-114	45.55	200.25	154.7	0.34	0.018	1.54	0.12
<i>incl.</i>	93.8	200.25	106.45	0.38	0.021	1.58	0.14
11-PC-115	15.09	201	185.91	0.15	0.001	1.77	0.06
<i>incl.</i>	51.44	201	149.56	0.19	0.001	2.14	0.07
<i>incl.</i>	125.58	201	75.42	0.31	0.001	2.38	0.11
11-PC-116	12	252	249	0.19	0.002	1.78	0.07
<i>incl.</i>	96.21	252	155.79	0.26	0.002	1.7	0.1
11-PC-117	5.47	599.54	594.97	0.2	0.003	2.55	0.07
<i>incl.</i>	107.26	339.95	232.69	0.31	0	3.52	0.11
<i>incl.</i>	206.53	339.95	133.42	0.4	0	4.46	0.14
<i>incl.</i>	401.3	599.54	198.24	0.22	0.008	2.79	0.05
11-PC-118	6	252	246	0.11	0.002	1.3	0.04
<i>incl.</i>	165.66	248.16	82.5	0.27	0.002	2.7	0.1
11-PC-119	39	504	465	0.05	0.003	2.18	0.02
<i>incl.</i>	386.42	504	117.58	0.12	0.008	3.76	0.04
11-PC-120	27.21	252	224.79	0.25	0.016	1.83	0.07
<i>incl.</i>	52.19	199.25	147.06	0.28	0.019	2.3	0.08
11-PC-121	3.05	172.82	169.77	0.09	0.002	1.15	0.03
<i>incl.</i>	54.05	125.71	71.66	0.18	0.004	2.16	0.05
11-PC-122	27.43	252.07	224.64	0.11	0.003	0.98	0.03

Drill hole	From (m)	To (m)	Width (m)	Cu (%)	Mo (%)	Ag (g/t)	Au (g/t)
<i>incl.</i>	156.44	192.01	35.57	0.26	0.003	0.91	0.08
11-PC-123	15.24	261.21	245.97	0.17	0.001	2.79	0.06
<i>incl.</i>	54	197.69	143.69	0.2	0.001	3.45	0.07
11-PC-124	9.14	599.54	590.4	0.14	0.003	2.59	0.04
<i>incl.</i>	187.06	288.35	101.29	0.27	0.001	2.17	0.1
<i>incl.</i>	358.02	590.1	232.08	0.16	0.005	2.83	0.04
11-PC-125	9.14	252.07	242.93	0.08	0.001	1.37	0.03
<i>incl.</i>	26	66.64	40.64	0.13	0.001	0.93	0.04
<i>incl.</i>	208.4	252.07	43.67	0.19	0.001	2.85	0.08

9.1 2011 Phase 2 Drilling Sample Preparation, Analysis and Security (Giroux, 2012)

Sample preparation, analysis and security for the 2011 Phase 2 diamond drill program at the Poplar Property were under the supervision of A. Ross, L. Farrell and A. Gourlay, P. Geo. After the diamond drill core was removed from the core barrel, it was boxed at the drill site and transported by truck or by cat to the core shack where it was logged.

After logging, the core was split where one half of the core was placed into a number bag with a sample tag and was sealed shut with a “zap strap”. The remaining split core was returned to the box, boxes were stacked onto pallets and strapped and the core is currently stored in a locked yard belonging to Rugged Edge Holding Ltd. in Smithers, BC. Core photos were taken of each hole. Four core boxes were placed on the floor with a sign board above the boxes stating the date, hole ID, box ID and depths. Photos of the core were taken after the core was wet.

Suites of reference material, blanks and duplicates were added into the sample sequence every 20 samples. The blank material used was garden dolomite landscaping material and the reference material was 100 grams of either CM-8, FCM-7, CGS-27, CM11A or MoS-1. Duplicates were created by splitting the remaining half core and placing the quartered core into a numbered bag with a sample tag and sealed shut with a “zap strap”.

The samples were sent to Acme Laboratories in Smithers, BC for sample preparation and then on to Vancouver, BC for assay. Acme Laboratories has achieved an accreditation of ISO 9001:2000.

The author is not aware of any relationship between Acme Analytical Laboratories and the Company.

Upon receipt by Acme Laboratories, all samples were dried, crushed and pulverized. The pulverized samples were split down to 0.25g and treated to a 4-Acid digestion by being heated in HNO₃-HClO₄-HF to fuming and taken to dryness. The residue was dissolved in HCl and solutions were then analyzed by ICP-MS for 41 elements including Cu, Mo & Ag to low detection limits. Gold analyses were performed with a Fire Assay of a 30g split with a 0.005g/t detection limit.

In the laboratory, a suite of blanks, reference materials and duplicate samples were inserted into the sample stream. Approximately one in eight analyses represents some form of quality control check. The results reported from the lab control samples were within the limits of instrumental and analytical accuracy. No corrective actions were taken.

In the author's opinion the sample preparation, security and analytical procedures use for the 2011 Phase 2 drilling are compatible to Industry Standards and suitable for a Resource Estimation.

10.0 INTERPRETATION AND CONCLUSIONS

The 2011 Phase 2 drilling successfully met its stated objectives. The known limits of mineralization were extended, and new high-grade material was intersected in the core of the deposit. While the basic deposit model has changed little, the 2011 drilling has provided LGM with a much stronger sense of the extents and grade distribution for the deposit, which will serve to guide future work. In addition, the silver and gold assays from the 2011 core have allowed the distribution of precious metals to be considered in the deposit model and corresponding resource calculations, which may have a significant positive impact on the economic potential of the deposit.

10.1 Updated NI 43-101 compliant resource model (from Giroux, 2012)

During 2011, Lions Gate Metals drilled 42 NQ diamond drill holes on the property totalling 16,483 m in two phases of drilling. Au and Ag were assayed in the most recent 2005 and 2011 drill holes and were sufficient to estimate Au and Ag in this resource.

To determine the resource present on Poplar a three dimensional solid was constructed to constrain the mineralized area, using a 0.1 % Cu grade shell as a guide. Large internal waste zones were modelled as were some larger post mineral dykes. Of the total data base, 129 drill holes totalling 37,205 m were within the mineralized zone and were used to estimate the resource. Drill holes were compared to the mineralized solid and assays were tagged if inside. Copper, molybdenum, gold and silver assays within the mineralized solid were capped at 1.4 % Cu, 0.14 % Mo, 0.90 g/t Au and 57 g/t Ag. Five metre composites were formed and used for variography. For this estimate and to aid with some preliminary planning, the blocks were reduced to 5 x 5 x 10 m in dimension and were estimated for Cu, Mo, Au and Ag by ordinary kriging. The resource is classified as Indicated and Inferred based on blocks proximity to data and the grade continuity. At a 0.20 % Cu cut-off within the mineralized solid the Indicated resource is 131 million tonnes at 0.31% Cu, 0.009 % Mo, 0.09 g/t Au and 2.39 g/t Ag while the Inferred resource is an additional 132 million tonnes grading 0.27 % Cu, 0.005 % Mo, 0.07 g/t Au and 3.75 g/t Ag. This can be compared to the last resource, all classified as Inferred at a 0.20 % Cu cut-off, of 180 million tonnes with average grades of 0.30 % Cu and 0.008 % Mo (Giroux, 2011).

11.0 RECOMMENDATIONS

The results from the 2011 Phase 1 and Phase 2 programs have contributed large amounts of data to an already extensive historical dataset for the Poplar deposit. LGM's work has resulted in a significantly expanded, 43-101 compliant resource that is a strong candidate for future mining activities. Drilling activities planned for 2012 will focus on upgrading resource classifications and producing metallurgical samples, which will be required for the project to move towards the Feasibility stage.

(From Giroux, 2012)

A two phase exploration program is recommended for the Poplar Project.

Phase 1 will comprise metallurgical testing of the deposit and the verification of data by re-drilling historic holes. Four metallurgical test holes, two in the Main Zone and two in the East Zone, of 300 m depth will be submitted for metallurgical testing under the supervision of a metallurgical consultant. Ten of the historic drill holes will be re-drilled to confirm copper and molybdenum grades, and to provide additional infill gold and silver analyses. The estimated cost of the Phase 1 exploration is \$1.1 million, including a 10% contingency.

Subject to positive results from the Phase 1 exploration, a Phase 2 exploration program of 10,000m of drilling is recommended to upgrade the Inferred Resource to Measured and Indicates Resources. Seventeen drill holes are proposed.

The estimated cost of the Phase 2 exploration is \$2 million, including a 10% contingency.

12.0 REFERENCES

- Bowen, B. (1975). Geological and Geophysical Report on the Poplar Groups 1,2,3,5 and 6 Omineca Mining Division. British Columbia Geological Branch Assessment Report 5679.
- Bowen, B. (1976a). Geological, Geophysical, Geochemical and Drilling Report on the Poplar Groups 1 to 7 Omineca Mining Division. British Columbia Mineral Resources Branch Assessment Report 6065.
- Bowen, B. (1976b). Drilling Report on the Poplar Groups 1 to 7 Omineca Mining Division. British Columbia Mineral Resources Branch Assessment Report 6136.
- Bowen, B. (1977). Drilling Report on the Poplar Groups 2,3, and 7 Omineca Mining Division. British Columbia Mineral Resources Branch Assessment Report 6539.
- Bowen, B. (1979). Drilling Report on the Poplar 1 Group Omineca Mining Division. British Columbia Mineral Resources Branch Assessment Report 7983.
- Cross, G (1991). George Cross Newsletter no 162 August 22, 1991.
- Ferbey, T. and Levson, V.M. (2001a). Ice Flow History of Tahtsa Lake – Ootsa Lake Region Geological Survey Branch Open File 2001-8. British Columbia Ministry of Energy and Mines.
- Dawson, D.J.W. (2009). Geophysical Survey Interpretation Report. Tuned Gradient Insight Section DCIP Surveys on the Poplar Property, Houston BC. Insight Geophysics internal report for Lions Gate Metals.
- Farrell, L. And Ogryzlo, P. (2009) Assessment Report: Geological Mapping, Prospecting and Drill Hole Surveying Poplar Property Lions Gate Metals Inc. Ministry of Mines and Petroleum Resources Assessment Report.
- Farrell, L. and Schroff, J. (2012) Unpublished Assessment Report: January – March 2011 Diamond Drilling, Poplar Property, Lions Gate Metals Inc.
- Ferbey, T, and Levson V.M. (2001b). Quaternary Geology and Till Geochemistry of the Huckleberry Mine Area. British Columbia Ministry of Energy and Mines Geological Fieldwork 2000, paper 2001.
- Giroux, G.H. (2011). July 2011 Mineral Resource Estimate on the Poplar Deposit, Omineca Mining Division, British Columbia.
- Giroux, G.H. (2012). 2012 Mineral Resource Update on the Poplar Deposit, Omineca Mining Division, British Columbia.
- Holland, G.L. (1980a). Drilling Report for the Poplar Group 2 Omineca Mining Division. British Columbia Geological Branch Assessment Report 8129.
- Holland, G.L. (1980b). Drilling Report for the Poplar Groups 3-5 Omineca Mining Division. British Columbia Geological Branch Assessment Report 8186.
- Holland, G.L. (1981). Drilling Report for the Poplar Groups 1-3 Omineca Mining Division. British Columbia Geological Branch Assessment Report 9431.

- Holland, G.L. (1982). Drilling Report for the Poplar Groups 1-2 Omineca Mining Division. British Columbia Mineral Resources Branch Assessment Report 10298.
- House, Gordon D. P. Geo., (1992). Assessment Report on the 1991 Drill Program on the Poplar Group Numbers 1 and 2 Poplar Lake area Omineca Mining Division British Columbia. British Columbia Geological Branch Assessment Report 22092.
- House, G.D. and Ainsworth, B. (1995). The Poplar Copper Molybdenum Gold Porphyry Deposit *in* Porphyry Deposits of the NW Cordillera of North America CIM Special Volume 46, pp. 397-400.
- Insight (2009). Geophysical Survey Interpretation Report. Tuned Gradient Insight Section DCIP Surveys on the Poplar Property Houston BC on behalf of Lions Gate Metals Inc. Insight Geophysics Inc. Preliminary Report.
- Jones, H.M. (1972). Geological – Geochemical Report on the Poplar Mineral Claims, Tagetochlain Lake Area. British Columbia Department of Mines and Petroleum Resources Assessment Report 3665.
- MacIntyre, D.G., Ash, C.H. and Britton, J.M. (1994). Geological Compilation, Skeena Nass Area, West Central British Columbia (NTS 93 E,L,M; 94D; 103G,H,I,J,O,P; 104A,B). BC Ministry of Energy, Mines and Petroleum Resources, Open File 1994-14.
- MacIntyre, D.G. (2007). Geology and Mineral Resources of the Skeena Arch, Central BC. Geoscience BC Report 2007-5, Geofile 2007-3..
- Mesard, P.M., Godwin, C.I., and Carter, N.C. 1979. Geology of the Poplar Copper-Molybdenum Deposit British Columbia MEMPR Fieldwork 1978,
- Ogryzlo, P.L. (2009). Technical Report on the Poplar Deposit, Omineca Mining Division, British Columbia, Canada.
- Ogryzlo, P.L. (2010). Technical Report on the Poplar Deposit, Omineca Mining Division, British Columbia, Canada.
- Price, B.J. (2004). Technical Report Poplar Copper-Molybdenum Porphyry Houston Area B.C., Omineca M.D. Report Prepared for Aumega Discoveries Ltd.
- Schmidt, A.J. (1974). 1974 Drilling Report on the Poplar Lake Property in the Omineca Mining Division 30 miles southwest of Houston, B. C. British Columbia Department of Mines and Petroleum Resources Assessment Report 5360.
- Schmidt, A.J. (1975). 1975 Drilling Report on the Poplar Lake Property in the Omineca Mining Division 30 miles southwest of Houston, B. C. British Columbia Department of Mines and Petroleum Resources Assessment Report 5586.
- Witherly, KE. (1974). 1974 Geophysical Report on the Poplar Lake Property. British Columbia Department of Mines and Petroleum Resources Assessment Report 5361.

APPENDIX 1. Statements of qualifications

Lorie Gayle Poulton Farrell B.Sc. Geology

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Tel: [250-847-2662](tel:250-847-2662)

Email: lorie_poulton@hotmail.com

I, Lorie Farrell, of Smithers, British Columbia, do hereby certify that:

- 1) I am a self-employed geologist and a co-owner of:
Farrell Exploration Services Inc.
4547 Whistler Road
Smithers, B.C. V0J 2N4.
- 2) I graduated with a Bachelor of Science Degree in Geology from the University of Saskatchewan in Saskatoon, Saskatchewan in 2002.
- 3) I have worked as an exploration geologist for over ten years since graduating. My relevant experience to this report includes project management, core logging and overseeing diamond drill programs.
- 4) I was involved with the planning and supervision of the 2011 Phase 2 Drill Program on the Poplar Project.

Dated this 21st day of December, 2012, Smithers, B.C.

Lorie Farrell, B.Sc. G.I.T.

Justin Schroff, B.Sc., P.Geo.

PO Box 3085

Smithers, B.C.

V0J 2N0

Phone: (250) 877 – 0663

Email: justin.schroff@gmail.com

I, Justin Schroff of Smithers, British Columbia, do hereby certify that:

- 1) I am a consulting geologist based out of Smithers, B.C.
- 2) I graduated from the University of Victoria, Victoria, B.C. with a Bachelor of Science in Earth Science.
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C.
- 4) I have been employed as a geologist in the exploration and mining industry for approximately 6 years since my graduation in 2005. I have provided geological services as a contractor and employee on several diamond drilling projects on a variety of deposit types in British Columbia and internationally.
- 5) The information in this report is derived from previous reports and data provided by Lions Gate Metals Inc. I had no involvement with Lions Gate Metals Inc. at the time of the activities described in this report. To the best of my knowledge, the information described in this report is accurate.

Dated this 11th day of May, 2012, Smithers, B.C.

Justin Schroff, B.Sc., P.Geo.

APPENDIX 2. Statement of expenditures

Wages and Fees

Title	Days Worked	Rate (\$) per day	Period	Total paid
Geologist	55	\$285.00	Aug. 29 - Nov. 14	\$15,675.00
Core Splitter	51.5	\$220.00	Sep. 5 - Nov. 14	\$11,330.00
Core Splitter	18.5	\$220.00	Sep. 5 - Oct. 14	\$4,070.00
Geotech	39.5	\$250.00	Sep. 26 - Nov. 14	\$9,875.00
Core Splitter	33	\$220.00	Sep. 19 - Oct. 28	\$7,260.00
Geotech	10	\$230.00	Oct. 24 - Nov. 4	\$2,300.00
Geologist	27	\$325.00	Oct. 17 - Nov. 14	\$8,775.00
Geotech	46	\$230.00	Sep. 12 - Nov. 12	\$10,580.00
Project Geologist	82	\$450.00	Aug. 2 - Nov. 24	\$36,900.00
Exploration Manager	16.25	\$550.00	Aug. 2 - Nov. 24	\$8,937.50
VP Exploration	18.9625	\$750.00	Aug. 2 - Nov. 24	\$14,221.88
Camp Manager	102	\$500.00	Aug.13 - Nov. 24	\$51,000.00
Cook 1	115	\$500.00	Aug. 2 - Nov. 24	\$57,500.00
Cook 2	19	\$400.00	Sep.16 - Oct. 31	\$7,600.00

Other fees

Work Type	Description	Amount
Drilling	10,914 metres of drilling, 29 diamond drill holes, HQ & NQ drill core	\$942,116.35
Food	Bulkley Valley Wholesale, REH and Sausage Factory - Aug. 2 - Nov. 24	\$28,812.20
Rental Radios	30 units @ \$40/month - Aug. 2 - Nov. 24	\$1,200.00
Rental Satellite Phones	5 units @ \$200/month - Aug. 2 - Nov. 24	\$1,000.00
Expediting Costs	171.5 hours @ \$75/hour - Aug. 2 - Nov. 24	\$12,862.50
Camp Rental	3.8 months @ \$27,460/month - Aug.2 - Nov. 24	\$112,592.00
Other	Includes additional camp labour, camp demobilization and other. - Aug. 2 - Nov. 24	\$31,386.01
Truck Fuel	Vanderhoof - Aug. 2 - Nov. 24	\$627.61
Tent Heating & Generator	Northwest Fuels - Aug. 2 - Nov. 24	\$32,398.69
Truck Rental	300 truck rental days @ \$66.50/day + Repairs - Aug. 2 - Nov. 24	\$27,092.53

Acme Fees

Work Type	Description	Amount
Crush and Pulverize 250g	1,045 samples @ \$5.82/sample	\$24,735.00
30g Au Fire Assay	1,116 samples @ \$12.96/sample	\$60,989.76
0.25g Acid Digestion	4,689 samples @ \$15.17/sample	\$71,132.13
Disposition of Pulps	6,852 samples @ \$ 0.10	\$685.20
Disposition of Rejects	6,575 samples @ \$0.25 samples	\$1,643.75
15g Full Suite (53 Element)	2,393 samples@ \$21.89/sample	\$52,382.77

Planning, Supervision, and Report Writing Fees

Title	Days Worked	Rate (\$) per day	Period	Total paid
Exploration Manager	14	550	Aug. 2 - Nov. 24	\$7,700.00
Project Geologist	3	450	Apr. 30 - May 10	\$1,350.00
VP Exploration	7	750	Aug. 2 - Nov. 24	\$5,250.00
Title	Hours Worked	Rate (\$) per hour	Period	Total paid
Geologist	225	85	Sep. 14 - Nov. 20	\$19,125.00

Office Overhead

\$250,000.00

Total Expenses: \$1,931,105.88

APPENDIX 3. Drill Logs

2011 Poplar Drilling

Hole ID: 11-PC-97	Easting (NAD 83): 631621	Core Size: HQ & NQ	DDH Started: Aug 21
	Northing (NAD 83): 5987124	Hole Azimuth: 180	DDH Finished: Aug 28
Property: Poplar Deposit	Elevation: 901 m	Hole Angle: -50	Log Completed: Sept 2
	Source: GPS	Total Depth: 566.16m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A. Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
111.89	188.7	-51.2
203.35	191.3	-50.8
303.96	193.1	-48.3
413.72	199.1	-43.9
474.70	200.1	-43.5
560.06	203.6	-40.5

<p>Summary:</p> <p>This drillhole was designed to test the northern portion of the main zone. It was flattened from -65 to -50 to test higher grade material at 400m depth. Drillholes 11-PC-98 and 11-PC-99 end near this hole at depth. 11-PC-108 and 11-PC-109 parallel 11-PC-97 100 and 300m respectfully to the east. This hole appears to have extended the high grade >0.3%Cu at depth and added tonnes over 0.2%Cu to the exsisting model.</p> <p>Lithology is dominantly fld porphyritic quartz monzanite, alteration varies from weak to moderate argillic at the top of the hole to moderate potassic towards the bottom of the hole. Late propylitic alteration appears to v weakly to moderately overprint argillic and potassic alt. Quartz eye Rhyolite dykes 2-20m are common in the upper 160m of the hole, marron int-mafic ? dykes are also observed but make up a very small portion of the hole. Late dykes are unmineralized in this hole. Cpy mineralization is observed starting at 145m depth, just below a post mineralized dyke. Mineralization becomes more significant at about 300m down to 525m depth. It appears that this section will increase >0.2%Cu tonnage at depth.</p>

Lions Gate Metals

Hole ID: 11-PC-97			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	20.73	OVB							
20.73	124.77	Qtz Mnz	Light grey flds pph qtz monzanite.	20.73	124.77	2-4	?	?	Pyrite is dominantly diss, along veinlets with
			Flds phenos are 2-5mm, subhedral-anhedral, weakly to moderately						qtz +/- carb, also on fracture faces.
			sericite alt, making up 15-35% of the unit.						X-tals are more coarse in vns and fractures,
			Alteration is dominantly argillic with lesser propylitic alteration.						2-3mm subhedral
									diss=vns
			Smokey grey veinlets/stockwork make up 3-4% of the unit, mostly		27.65				Mo? observed within 1cm vuggy qtz vn,
			qtz +/- carb, py, mo?, steel grey sulphide.						fg along the margins of the vn, also a steel silver
			Several later vuggy qtz veins 1-3cm contain 2-3mm subhedral						mineral? tet? sph?
			sulphide x-tals (py+/-steel grey sph? tet?) @ 27.65m						
			79.00-103.00m rock is highly fractured with pieces 3-5cm and angular						
124.77	145.26	Rhyo	Qtz eye rhyolite dyke.	124.77	145.26				No visible mineralization.
			Light green-buff, qtz eyes are 1-3mm subhedral, smokey and make up						
			10% of the unit. Bright green phenocrysts make up 10-15% of the unit,						
			anhedral, 1-2mm, very soft.						
			Weak calcite overprint, weak sericite coatings on some fractures.						
			Fractures are recent and rough.						
			No visible mineralization.						
			Sharp intrusive lower contact with weak-mod subparallel shearing.						
145.26	160.67	Qtz Mnz	Light grey-green flds pph qtz monzanite.	145.26	160.67	1-2	<<1	tr	Diss>vns
			Flds phenos are subhedral, soft and locally green (sericite-chl-epd?),						Dominantly py disseminated throughout and
			1-4mm and make up 20-25% of the unit.						within qtz-calc vns, as well as fractures faces.
			Weak propylitic alt gives the rock a grnish appearance, local arg alt?						Diss sulphides appear to be related to chlorite
			easily scratched, very weak clay - sericite coatings on fractures.						alt mafic sites?
			2-6mm veinlets make up 5-7% of the unit and impart a 'dirty'						Mo assicated with select qtz vns.
			appearance, veinlets are domiantly qtz +/- calcite +/- chl +/- sulph.						Cpy also appears vns hosted and related to
			2-3% sulphides, diss>vns dominantly py						coarser py, cpy is tarnished and mostly in
									small blebs.
160.67	162.12	Rhyo	Qtz eye rhyolite dyke.	160.67	162.12				No visible mineralization.
			Light green buff, qtz eyes are 1-3mm subhedral and smokey, they						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
20.73	124.77	w	w-m		vw		Dominant argillic alteration, flds locally weak to mod sericite alt, also sericite on fractures.	20.73	124.77	fct	15 30 55	3-5	Three dominant fracture sets, sericite alt along fct faces, also py.
							20.73 - 26.50m moderate Fe staining on fractures.	20.73	124.77	vn	15 30 50	2-4	Weak stockwork of qtz +/- sulphides dominantly py. Some later vns are vuggy with coarser sulphides.
							Qtz +/- sulphide vning makes up 2-5% of the unit, weak silicified envelopes surround the vns.	54.57	54.73	flt zn	low	mod	4cm of dry gouge, moderate clay alteration through flt, low angle tca.
							33.00-35.00m weak propylitic alt gives the rock a greenish appearance.	79.00	103.00	frct	?	str	Very strongly fractured rock throughout, pieces are only 3-5cm in size and very angular, rock does not appear strongly alt.
124.77	145.26	vw	vw				Weak calcite along phenocryst margins and select fractures. Weak sericite coatings on some fractures and sericite alt of bright green phenos?	124.77	145.26	frct	35 50-70	w w	Select fractures have weak sericite coatings, fractures lower tca are more rough with less alteration.
							Weak-mod clay alteration proximal to lower contact as a result of shearing.	144.48	144.50	shr	45	w-m	1cm of grey gouge, subparallel shear zone related to the lower contact. Weak clay-chlorite alt.
									145.26	cnt	40		Intrusive contact 40 tca, weak clay alteration.
145.26	160.67	w	w				Propylitic alteration gives the rock a grnish appearance, local argillic alt, easily scratched, very weak clay-sericite coatings on fractures.	145.26	160.67	frct	35-40 10-15	w-m w-m	Smokey grey qtz-calc vns =/- py, cpy, mo, weak stockwork, associated chlorite? Give a dirty appearance.
							Calcite overprint.	160.66	160.67	cnt	25		Weak fractures dominantly 50 tca, weak sericite or clay coatings on fractures. Some diss py also. Sharp intrusive lower contact with post mineralized dyke.
160.67	162.12	vw					Calcite overprint along fractures and around mineral boundaries. Weak clay	160.67	162.12	frct	35-50	w-m	Fractures are rough with weak clay associated.

Lions Gate Metals

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Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-97			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
294.94	449.56	Qtz Mnz	Variably alt Qtz Monzanite.	294.94	361.15	2-3	<1	tr	Sulphides are diss throughout the unit, also on
			Alternating potassic and propylitic alteration, dominantly potassic.						fracture faces and within qtz-carb veins.
			Flds phenos are subhedral 2-4mm, less evident where potassic alt						Sulphides are dominantly replacing mafic
			is stronger, phenos make up 10 to locally 20% of the unit. Flds vary						minerals or at mafic sites.
			from soft and sausseritized to hard, silicified and "ghost" like.						diss =/< vns
			Biotite phenos are less consistent than flds, sub-euhedral, 2-3mm,						Cpy is more evident within potassically alt
			bt phenos make up 3-5% locally and 1-2% of the unit.						intervals and proximal to qtz-calc veins.
			Alteration varies from propylitic to potassic and transitions						Locally trace mo is observed within late vuggy
			between the two, more details of alteration features are within the						qtz-carb vein @ 370.45m.
			alteration section.	361.15	412.00	1-2	0.5-1	tr	Cpy is more abundant within the mod-strongly
			Sulphides are disseminated throughout the rock, also within veins						potassically altered intervals, it is observed
			and as weak coatings on fracture faces.						in blebs 1-3mm and mm scale veinlets, locally
			Cpy appears more abundant and coarse where potassic alt is						forms a net or dendritic texture within the
			moderate to strong. Locally cpy forms stringers and veins and net						matrix.
			like texture over short intervals (2-3cm). Mo is associated with						Py is commonly associated with qtz-carb vns.
			later qtz-carb vns, commonly diss on vn margins. Py is diss						Mo is also observed within qtz-carb vns.
			throughout the rock, also associated with vns and fractures.	412.00	435.00	1-2	1	tr	Cpy is abundant through this interval, it forms
									a net or dendritic texture commonly over
									several cm. Mo is assocaited with later qtz-carb
									veins. Py is disseminated throughout the rock
									and within veins and fractures.
									vns>diss
449.56	469.40	Qtz Mnz	Propylitic alt Qtz Monzanite	449.56	469.40	2-3	<1	<1	Sulphides are diss throughout the interval and
			Moderate propylitic alteration, locally strong. Light grn to light gry						form a small 1-2mm network of veinlets.
			in color. Commonly sooty in appearance due to abnt stockwork veins						Sulphides are also associated with later calcite
			of vf.g. black mineral (tetrahedrite?) ± vf.g-f.g py ± vf.g.-f.g. cp± vf.g.-f.g						veins, commonly vuggy with slightly coarser
			mo. Normally prevalent fsp phenos are much more rare than typical						(1-2mm) sulphides. Py is abundant diss=vns,
			units, locally appear relict or ghost like.						cpy occurs within veins and diss throughout the
			Veins are dominantly caclite +/- qtz +/- sulphides, commonly vuggy						rock at old mafic sites. Mo is most commonly
			with local pink calcite observed. Veins are usually 1-3cm wide and						associated with calcite veins but is also
			up to 9cm. Stockwork and veining makes up 5-7% of the unit.						observed along small veinlets and diss through
			463.30 - 463.67m has very little stockwork and appears very						the rock. Locally up to 1% mo.
			weakly silicified, weak-mod propylitic alt, sharp contact dyke?clast?						diss=vns

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
294.94	318.19	w	w	vw		vw	Dominantly propylitic, locally argillic alt.	294.94	294.95	cnt	80-90		Sharp upper contact with dyke, some calcite at
							1-2m intervals of weak-v weak potassic						contact.
							alt. flds are sausseritized or sericite alt,	294.94	449.56	frct	40-50	2-3	Fractures make up 2-3% of the unit, fracture
							weak hematite? in matrix (w magnetism).						orientation does not seem to change across alt
							Local bt phenos, in potassic alt intervals.						contacts. Weak sericite or sulphides on faces.
318.19	329.31		vw	w	w	w-m	Dominantly weak-mod potassic alt, rock	294.94	449.56	vns	50-60		Veins are dominantly qtz or calcite, qtz vns are
							has a dark grey-pink appearance due to				25-35		more common within the potassically alt rock.
							secondary k-spar and magnetite, bt phenos						Select qtz-carb veins are vuggy and locally
							are more common. Select flds are sericite						brecciated, carb appears preferenital to propy
							alt. Weak -mod silicification.						alt intervals. Veining is more dominant in the
329.31	340.53	w	w	vw		vw	Light grey-green propylitic to locally arg						mod-strong potassic alt regions, local fluorite
							alt, flds phenos are soft and altered to						veins.
							sericite or sausseritized, rock is easily	333.06	333.60	shr zn		weak	Rock is very crumbly clay alt and appears sheared
							scratched. Local bt phenos, weak clay alt						at a high angle tca, no gouge visible.
							around shear zones.	412.36	412.62	vn	80-90		Qtz-carb vein is 20 cm wide with some country
													rock within. Locally 1%mo, 1%cpy and a black-grey
340.53	361.15		vw	w	w-m	w-m	Moderate potassic alteration,						mineral tetrahedrite? Also <1% sph. Vein is within
							appears dark grey-pink and is weakly to						propylitically alt qtz mnz.
							moderately magnetic. Bt x-tals are evident.						
361.15	435.50			w	m	m-s	Moderate to strong potassic alt, more						
							abundant, larger veins, "bands" of						
							pervasive k-spar alt, bt flooding at vein						
							margins.						
							Cpy is significantly more abundant and						
							coarse through this alteration interval.						
449.56	469.40	vw					Moderate propylitic, locally strong. Alt	449.56	469.40	frct	10	vw	Three dominant fracture sets most commonly at
							gives the rock a light green appearance				30-35	m	35 or 55 tca. Fracture surfaces are mod rough
							where local flds phenos are sausseritized.				50-55	m	with little alteration and no coatings.
							Abundance of calcite veins suggests	449.56	469.40	vn	10	w	Veins are dominantly calcite +/-sulphides, locally
							stronger propylitic alt. Rock also has a				30-35	m	veins are vuggy. Veins have the same orientation
							sooty or dirty appearance due to the weak				50-55	m	as the common fracture sets. The low angle veins
							to mod stockwork of fg to v fg sulphides.						appear to be most vuggy.
								457.43	457.75	shr zn		m-s	Annealed shear zone? The rock has a "layered"
													appearance believed to be due to shear stress
													while cooling? Could also be associated to the
													abundance of veins in this unit?

Lions Gate Metals

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Lions Gate Metals

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Hole ID: 11-PC-97		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
20.73	23.48	2.75	1.81	66	0.57	21	n	
23.48	26.52	3.04	2.65	87	1.27	42	n	
26.52	29.57	3.05	2.87	94	1.37	45	n	
29.57	32.62	3.05	2.94	96	0.45	15	n	highly fractured
32.62	35.67	3.05	2.91	95	1.58	52	n	
35.67	38.72	3.05	2.89	95	1.49	49	n	
38.72	41.77	3.05	0.69	23	0.36	12	w	v poor recovery
41.77	44.82	3.05	3.05	100	0.11	4	w	highly fractured
44.82	47.87	3.05	2.52	83	0.31	10	w	mod fractured
47.87	50.91	3.04	2.95	97	1.24	41	w	local magnetism
50.91	53.95	3.04	2.91	96	1.87	62	w	local magnetism
53.95	57.00	3.05	2.78	91	1.31	43	w	local magnetism
57.00	60.05	3.05	2.70	89	1.55	51	w	local magnetism
60.05	63.09	3.04	2.76	91	0.75	25	w	local magnetism
63.09	66.14	3.05	2.80	92	2.30	75	w	local magnetism
66.14	69.19	3.05	2.81	92	1.96	64	w	local magnetism
69.19	72.24	3.05	2.57	84	1.30	43	w	local magnetism
72.24	75.29	3.05	2.77	91	1.01	33	w	local magnetism
75.29	78.33	3.04	2.31	76	0.34	11	w	local magnetism
78.33	81.38	3.05	3.05	100	0.12	4	w	local magnetism
81.38	84.43	3.05	3.05	100	0.00	0	w	local magnetism
84.43	87.48	3.05	3.05	100	0.00	0	n	highly fractured
87.48	90.53	3.05	3.05	100	0.00	0	n	highly fractured
90.53	93.57	3.04	3.05	100	0.00	0	n	highly fractured
93.57	96.62	3.05	3.05	100	0.00	0	n	highly fractured
96.62	99.67	3.05	3.05	100	0.32	10	n	highly fractured
99.67	102.72	3.05	3.05	100	0.00	0	n	highly fractured
102.72	105.77	3.05	5.10	167	2.07	68	n	1/2 rubble, 1/2 solid too much core?
105.77	108.81	3.04	2.96	97	2.68	88	n	potassic alt
108.81	111.86	3.05	2.82	92	2.44	80	n	reduced at 110.15m
111.86	114.91	3.05	2.96	97	2.83	93	n	
114.91	117.96	3.05	3.01	99	2.57	84	n	
117.96	121.01	3.05	2.94	96	2.45	80	n	
121.01	124.05	3.04	2.67	88	1.61	53	vw	
124.05	127.10	3.05	2.76	90	0.63	21	n	rock changes to rhyo
127.10	130.15	3.05	3.05	100	1.47	48	n	
130.15	133.20	3.05	2.95	97	2.60	85	n	
133.20	136.25	3.05	3.05	100	2.76	90	n	
136.25	139.29	3.04	3.00	99	2.22	73	n	
139.29	142.34	3.05	2.92	96	1.80	59	n	
142.34	145.39	3.05	2.82	92	2.15	70	n	
145.39	148.44	3.05	3.02	99	1.98	65	n	
148.44	151.49	3.05	3.05	100	2.00	66	n	
151.49	154.53	3.04	3.01	99	2.71	89	n	
154.53	157.58	3.05	3.05	100	2.52	83	n	
157.58	160.63	3.05	3.00	98	2.40	79	n	
160.63	163.68	3.05	2.78	91	1.92	63	n	
163.68	166.73	3.05	2.77	91	1.59	52	n	
166.73	169.77	3.04	2.86	94	1.77	58	n	
169.77	172.82	3.05	3.01	99	2.23	73	n	
172.82	175.87	3.05	2.96	97	2.42	79	vw	
175.87	178.92	3.05	3.01	99	2.99	98	vw	
178.92	181.97	3.05	2.99	98	2.61	86	vw	
181.97	185.01	3.04	3.01	99	2.95	97	vw	
185.01	188.06	3.05	3.02	99	2.64	87	w	
188.06	191.11	3.05	2.90	95	2.66	87	w	
191.11	194.16	3.05	3.15	103	2.77	91	w	
194.16	197.21	3.05	3.04	100	2.95	97	w	

Hole ID: 11-PC-97		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
197.21	200.25	3.04	2.93	96	2.03	67	n	
200.25	203.30	3.05	3.00	98	2.67	88	vw	
203.30	206.35	3.05	3.02	99	2.85	93	n	
206.35	209.40	3.05	3.05	100	2.94	96	w	
209.40	212.45	3.05	3.04	100	2.05	67	n	
212.45	215.49	3.04	2.92	96	1.95	64	vw	
215.49	218.54	3.05	2.97	97	2.72	89	w	
218.54	221.59	3.05	2.83	93	2.09	69	n	
221.59	224.64	3.05	2.84	93	2.66	87	n	
224.64	227.69	3.05	2.82	92	2.50	82	w	
227.69	230.73	3.04	3.04	100	2.71	89	Magnetics	
230.73	233.78	3.05	3.05	100	2.90	95	w	
233.78	236.83	3.05	3.01	99	2.27	74	w	
236.83	239.88	3.05	3.02	99	3.02	99	n	
239.88	242.93	3.05	3.02	99	2.79	91	n	
242.93	245.97	3.04	3.06	101	2.90	95	n	
245.97	249.02	3.05	2.86	94	1.71	56	n	
249.02	252.07	3.05	2.85	93	2.33	76	n	
252.07	255.12	3.05	2.94	96	2.68	88	n	
255.12	258.17	3.05	2.86	94	2.35	77	vm	
258.17	261.21	3.04	2.87	94	2.38	78	w	
261.21	264.26	3.05	2.98	98	2.82	92	n	
264.26	267.31	3.05	2.98	98	2.58	85	w	
267.31	270.36	3.05	2.97	97	2.61	86	w	
270.36	273.41	3.05	2.98	98	2.72	89	n	
273.41	276.45	3.04	3.01	99	2.84	93	n	
276.45	279.50	3.05	2.96	97	2.87	94	w	
279.50	282.55	3.05	2.95	97	2.46	81	Magnetics	
282.55	285.60	3.05	3.05	100	2.62	86	w	
285.60	288.65	3.05	2.97	97	2.38	78	Magnetics	
288.65	291.69	3.04	3.04	100	2.65	87	Magnetics	
291.69	294.74	3.05	2.98	98	1.84	60	Magnetics	
294.74	297.79	3.05	2.97	97	1.63	53	w	
297.79	300.84	3.05	3.03	99	2.17	71	w	
300.84	303.89	3.05	3.00	98	2.11	69	w	
303.89	306.93	3.04	2.98	98	2.61	86	w	
306.93	309.98	3.05	2.88	94	2.65	87	w	
309.98	313.03	3.05	3.01	99	2.61	86	n	
313.03	316.08	3.05	3.05	100	2.64	87	n	
316.08	319.13	3.05	3.00	98	2.66	87	n - w	alt changes @ 318.30-mag
319.13	322.17	3.04	2.98	98	2.80	92	w - m	
322.17	325.22	3.05	2.97	97	2.88	94	w - m	
325.22	328.27	3.05	2.93	96	2.79	91	w - m	
328.27	331.32	3.05	3.06	100	2.17	71	w - m	
331.32	334.37	3.05	3.03	99	2.15	70	n - w	
334.37	337.41	3.04	2.90	95	2.02	66	n	
337.41	340.46	3.05	2.98	98	2.62	86	n	
340.46	343.51	3.05	3.00	98	2.03	67	w	
343.51	346.56	3.05	3.05	100	2.78	91	w	
346.56	349.61	3.05	3.06	100	2.77	91	w - m	
349.61	352.65	3.04	3.07	101	2.77	91	n	
352.65	355.70	3.05	2.95	97	2.79	91	vw	
355.70	358.75	3.05	3.02	99	2.33	76	w - s	
358.75	361.80	3.05	2.97	97	2.15	70	w - s	
361.80	364.85	3.05	2.92	96	2.63	86	w - s	
364.85	367.89	3.04	2.98	98	2.34	77	w - m	
367.89	370.94	3.05	2.97	97	2.83	93	w - m	
370.94	373.99	3.05	2.95	97	2.63	86	w - m	
373.99	377.04	3.05	3.00	98	2.69	88	w - m	

Hole ID: 11-PC-97		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
377.04	380.09	3.05	3.04	100	2.96	97	w - m	
380.09	383.13	3.04	2.96	97	2.59	85	Magnetics	
383.13	386.18	3.05	2.94	96	2.36	77	w - m	
386.18	389.23	3.05	3.07	101	2.94	96	m - s	
389.23	392.28	3.05	3.05	100	2.92	96	w - m	
392.28	395.33	3.05	2.90	95	2.84	93	w	
395.33	398.37	3.04	3.01	99	2.25	74	w - m	
398.37	401.42	3.05	3.05	100	2.74	90	w	
401.42	404.47	3.05	3.04	100	2.13	70	w	
404.47	407.52	3.05	2.97	97	2.10	69	w	
407.52	410.57	3.05	2.90	95	2.09	69	w	
410.57	413.61	3.04	2.94	97	2.71	89	w	
413.61	416.66	3.05	3.04	100	1.59	52	w	
416.66	419.71	3.05	3.03	99	2.66	87	w - m	
419.71	422.76	3.05	3.05	100	2.06	68	w - m	
422.76	425.81	3.05	2.94	96	2.04	67	w - m	
425.81	428.85	3.04	3.04	100	2.44	80	w - m	
428.85	431.90	3.05	3.05	100	2.71	89	w	
431.90	434.95	3.05	2.97	97	2.71	89	w	
434.95	438.00	3.05	3.04	100	2.89	95	w	Block in wrong spot, moved.
438.00	441.05	3.05	3.05	100	2.91	95	w	
441.05	444.09	3.04	2.90	95	2.86	94	w	
444.09	447.14	3.05	3.05	100	2.02	66	w	Local magnetism-not throughout interval.
447.14	450.19	3.05	3.02	99	2.53	83	w	Local magnetism.
450.19	453.24	3.05	2.97	97	2.58	85	n	
453.24	456.29	3.05	3.01	99	2.78	91	n	
456.29	459.33	3.04	3.01	99	2.15	71	n	
459.33	462.38	3.05	3.02	99	2.56	84	n	
462.38	465.43	3.05	3.03	99	2.68	88	w	
465.43	468.48	3.05	2.95	97	1.33	44	w	
468.48	471.53	3.05	2.93	96	2.25	74	w - m	
471.53	474.57	3.04	3.04	100	2.84	93	w	
474.57	477.62	3.05	3.05	100	2.04	67	w	
477.62	480.67	3.05	3.01	99	2.31	76	n	
480.67	483.72	3.05	3.03	99	2.70	89	w	
483.72	486.77	3.05	3.04	100	2.85	93	w	
486.77	489.81	3.04	3.01	99	1.69	56	w	
489.81	492.86	3.05	3.02	99	2.36	77	n	
492.86	495.91	3.05	3.02	99	2.52	83	w	
495.91	499.09	3.18	2.98	94	2.82	89	n	
499.09	502.13	3.04	3.15	104	2.98	98	n	
502.13	505.18	3.05	3.04	100	2.73	90	n	
505.18	508.23	3.05	3.01	99	2.16	71	n	
508.23	511.28	3.05	3.03	99	2.67	88	n	
511.28	514.33	3.05	3.04	100	2.54	83	n	
514.33	517.38	3.05	2.96	97	2.28	75	n	
517.38	520.43	3.05	3.05	100	2.67	88	n	
520.43	523.48	3.05	3.04	100	2.62	86	n	
523.48	526.53	3.05	3.03	99	2.74	90	n	
526.53	529.58	3.05	3.05	100	2.08	68	n	
529.58	532.62	3.04	3.08	101	2.51	83	n	
532.62	535.67	3.05	2.99	98	2.15	70	n	
535.67	538.72	3.05	3.05	100	2.47	81	n	
538.72	541.77	3.05	2.92	96	1.74	57	n	
541.77	544.82	3.05	2.90	95	2.32	76	n	
544.82	547.87	3.05	2.99	98	1.70	56	n	
547.87	550.91	3.04	3.04	100	2.02	66	n	
550.91	553.96	3.05	3.09	101	2.20	72		

Hole ID: 11-PC-97		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
553.96	557.01	3.05	3.01	99	2.47	81		
557.01	560.06	3.05	3.00	98	2.60	85		
560.06	563.11	3.05	2.89	95	2.66	87		
563.11	566.16	3.05	3.10	102	2.45	80		EOH

Hole ID: 11-PC-97		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045001	20.73	23.73	3.00		1
1045002	23.73	26.73	3.00		1-2
1045003	26.73	29.73	3.00		2-3
1045004	29.73	32.73	3.00		3-4
1045005	32.73	35.73	3.00		4-5
1045006	35.73	38.73	3.00		5-6
1045007	38.73	41.73	3.00		6
1045008	41.73	44.73	3.00		6-8
1045009	44.73	47.73	3.00		8-9
1045010				Std CM-8	
1045011	47.73	50.73	3.00		9
1045012	50.73	53.73	3.00		9-10
1045013	53.73	56.73	3.00		10-11
1045014	53.73	56.73	3.00	Duplicate	10-11
1045015	56.73	59.73	3.00		11-12
1045016	59.73	62.73	3.00		12-13
1045017	62.73	65.73	3.00		13-14
1045018	65.73	68.73	3.00		14-15
1045019				Blank	
1045020	68.73	71.73	3.00		15-16
1045021	71.73	74.73	3.00		16-17
1045022	74.73	77.73	3.00		17-18
1045023	77.73	80.73	3.00		18-19
1045024	80.73	83.73	3.00		19-20
1045025	83.73	86.73	3.00		20-21
1045026	86.73	89.73	3.00		21-22
1045027	89.73	92.73	3.00		22-23
1045028	92.73	95.73	3.00		23-24
1045029	95.73	98.73	3.00		24-25
1045030				Stnd CM-7	
1045031	98.73	101.73	3.00		25-26
1045032	101.73	104.73	3.00		26-28
1045033				Blank	
1045034	104.73	107.73	3.00		28-29
1045035	107.73	110.73	3.00		29-30
1045036	107.73	110.73	3.00	Duplicate	29-30
1045037	110.73	113.73	3.00		30
1045038	113.73	116.73	3.00		30-31
1045039	116.73	119.73	3.00		31-32
1045040	119.73	122.73	3.00		32
1045041	122.73	124.77	2.04		32-33
1045042	124.77	127.77	3.00		33
1045043	127.77	130.77	3.00		33-34
1045044	130.77	133.77	3.00		34-35
1045045	133.77	136.77	3.00		35
1045046	136.77	139.77	3.00		35-36
1045047	139.77	142.77	3.00		36-37
1045048	142.77	145.26	2.49		37
1045049	145.26	148.26	3.00		37-38
1045050				Std CM-8	
1045051	148.26	151.26	3.00		38-39
1045052	151.26	154.26	3.00		39
1045053	154.26	157.26	3.00		39-40
1045054	157.26	160.67	3.41		40-41
1045055	157.26	160.67	3.41	Duplicate	40-41
1045056	160.67	162.12	1.45		41
1045057	162.12	165.95	3.83		41-42
1045058	165.95	168.95	3.00		42-43

Hole ID: 11-PC-97		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045059	168.95	171.95	3.00		43-44
1045060	171.95	174.95	3.00		44
1045061	174.95	177.95	3.00		44-45
1045062	177.95	180.95	3.00		45-46
1045063	180.95	183.95	3.00		
1045064				Blank	
1045065	183.95	186.95	3.00		46-47
1045066	186.95	189.95	3.00		47-48
1045067	189.95	192.95	3.00		48
1045068	192.95	195.95	3.00		48-49
1045069	195.95	198.95	3.00		49-50
1045070				Std CM-7	
1045071	198.95	201.95	3.00		50
1045072	201.95	204.95	3.00		50-51
1045073	201.95	204.95	3.00	Duplicate	50-51
1045074	204.95	207.95	3.00		51-52
1045075	207.95	210.95	3.00		52
1045076	210.95	213.95	3.00		52-53
1045077	213.95	216.95	3.00		53-54
1045078	216.95	219.95	3.00		54-55
1045079				Blank	
1045080	219.95	222.95	3.00		55
1045081	222.95	225.95	3.00		55-56
1045082	225.95	228.95	3.00		56-57
1045083	228.95	231.95	3.00		57
1045084	231.95	234.95	3.00		57-58
1045085	234.95	237.95	3.00		58-59
1045086	237.95	240.95	3.00		59
1045087	240.95	243.95	3.00		59-60
1045088	243.95	246.95	3.00		60-61
1045089	243.95	246.95	3.00	Duplicate	60-61
1045090	246.95	249.95	3.00		61
1045091	249.95	252.95	3.00		61-62
1045092	252.95	255.95	3.00		62-63
1045093	255.95	258.95	3.00		63-64
1045094	258.95	261.95	3.00		64
1045095				Std CM-8	
1045096	261.95	264.95	3.00		64-65
1045097	264.95	267.95	3.00		65-66
1045098	267.95	270.95	3.00		66
1045099				Blank	
1045100	270.95	273.95	3.00		66-67
1045101	273.95	276.95	3.00		67-68
1045102	276.95	279.95	3.00		68
1045103	279.95	282.95	3.00		68-69
1045104	282.95	285.95	3.00		69-70
1045105	285.95	288.95	3.00		70
1045106	288.95	291.95	3.00		70-71
1045107	291.95	294.17	2.22		71
1045108	294.17	294.94	0.77		71-72
1045109	294.94	297.94	3.00		72
1045110	297.94	300.94	3.00		72-73
1045111	300.94	303.94	3.00		73-74
1045112				Blank	
1045113	303.94	306.94	3.00		74
1045114	303.94	306.94	3.00	Duplicate	74
1045115	306.94	309.94	3.00		74-75
1045116	309.94	312.94	3.00		75-76

Hole ID: 11-PC-97		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045117				Std CM-8	
1045118	312.94	315.94	3.00		76
1045119	315.94	318.19	2.25		76-77
1045120	318.19	321.19	3.00		77-78
1045121	321.19	324.19	3.00		78
1045122	324.19	327.19	3.00		78-79
1045123	327.19	329.31	2.12		79
1045124	329.31	332.31	3.00		79-80
1045125	332.31	335.31	3.00		80-81
1045126	335.31	338.31	3.00		81-82
1045127	338.31	340.53	2.22		82
1045128	340.53	343.53	3.00		82-83
1045129				Blank	
1045130	343.53	346.53	3.00		83
1045131	346.53	349.53	3.00		83-84
1045132	349.53	352.53	3.00		84-85
1045133	352.53	355.53	3.00		85
1045134	355.53	358.53	3.00		85-86
1045135				Std CM-7	
1045136	358.53	361.53	3.00		86-87
1045137	361.53	364.53	3.00		87
1045138	361.53	364.53	3.00		87
1045139	364.53	367.53	3.00		87-88
1045140	367.53	370.53	3.00		88-89
1045141	370.53	373.53	3.00		89
1045142	373.53	376.53	3.00		89-90
1045143	376.53	379.53	3.00		90-91
1045144	379.53	382.53	3.00		91
1045145	382.53	385.53	3.00		91-92
1045146	385.53	388.53	3.00		92-93
1045147	388.53	391.53	3.00		93-94
1045148	391.53	394.53	3.00		94
1045149	394.53	397.53	3.00		94-95
1045150				Blank	
1045151	397.53	400.53	3.00		95-96
1045152	400.53	403.53	3.00		96
1045153	400.53	403.53	3.00	Duplicate	96
1045154	403.53	406.53	3.00		96-97
1045155	406.53	409.53	3.00		97-98
1045156	409.53	412.53	3.00		98
1045157	412.53	415.53	3.00		98-99
1045158	415.53	418.53	3.00		99-100
1045159				Std CM-7	
1045160	418.53	421.53	3.00		100
1045161	421.53	424.53	3.00		100-101
1045162	424.53	427.53	3.00		101-102
1045163	427.53	430.53	3.00		102
1045164	430.53	433.53	3.00		102-103
1045165	433.53	436.53	3.00		103-104
1045166	436.53	439.53	3.00		104
1045167	439.53	442.53	3.00		105
1045168	442.53	445.53	3.00		105-106
1045169	445.53	448.53	3.00		106-107
1045170	448.53	449.56	1.03		107
1045171	449.56	452.56	3.00		107
1045172	452.56	455.56	3.00		108
1045173	455.56	458.56	3.00		108-109
1045174	458.56	461.56	3.00		109-110

Hole ID: 11-PC-97		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045175				Blank	
1045176	461.56	463.56	2.00		110
1045177	461.56	463.56	2.00	Duplicate	110
1045178	463.56	466.56	3.00		110-111
1045179				Std CM 8	
1045180	466.56	469.40	2.84		111
1045181	469.40	472.40	3.00		111-112
1045182	472.40	475.40	3.00		112-113
1045183	475.40	478.40	3.00		113-114
1045184	478.40	481.40	3.00		
1045185	481.40	483.40	2.00		114-115
1045186	483.40	485.40	2.00		115
1045187	485.40	488.40	3.00		115-116
1045188	488.40	491.40	3.00		116
1045189	491.40	494.40	3.00		116-117
1045190	494.40	497.40	3.00		117-118
1045191	497.40	500.40	3.00		118
1045192	497.40	500.40	3.00	Duplicate	118
1045193	500.40	503.40	3.00		118-119
1045194	503.40	506.40	3.00		119-120
1045195				Blank	
1045196	506.40	509.40	3.00		120
1045197	509.40	512.40	3.00		120-121
1045198				Std CM 7	
1045199	512.40	515.40	3.00		121-122
1045200	515.40	518.40	3.00		122
1045201	518.40	521.51	3.11		122-123
1045202	521.51	524.51	3.00		123-124
1045203	524.51	527.51	3.00		124-125
1045204	527.51	530.51	3.00		125
1045205	530.51	533.51	3.00		125-126
1045206	533.51	536.51	3.00		126-127
1045207	536.51	539.51	3.00		127
1045208	539.51	542.51	3.00		127-128
1045209	542.51	545.51	3.00		128-129
1045210	545.51	548.51	3.00		129
1045211	545.51	548.51	3.00	Duplicate	129
1045212	548.51	551.51	3.00		129-130
1045213	551.51	554.51	3.00		130-131
1045214	554.51	557.51	3.00		131
1045215				Blank	
1045216	557.51	560.51	3.00		131-132
1045217	560.51	563.51	3.00		132-133
1045218				Std CM 7	
1045219	563.51	566.16	2.65		133

2011 Poplar Drilling

Hole ID: 11-PC-98	Easting (NAD 83): 631590	Core Size: HQ & NQ	DDH Started: Aug 28 2011
	Northing (NAD 83): 5986639	Hole Azimuth: 000	DDH Finished: Sept 3 2011
Property: Poplar Deposit	Elevation: 900	Hole Angle: -75	Log Completed: September 8 2011
	Source: GPS	Total Depth: 453.24m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Aaron Greene, Ama
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
99.70	361.2	-75.3
200.30	360.9	-75
300.91	366	-74.6
453.35	372.6	-73.5

Summary: 11-PC-98 dominantly consists of massive, porphyritic quartz monzonite with white fsp phenocrysts in a fine grained groundmass. A few aphanetic/very fine grained volcanic-sediment units, ~20-40m thick occur at shallower depths. Contacts between the two lithologies are sharp, the quartz monzonite intrudes the volanic-sediment. Alteration comprises very weak to weak potassic alteration with weak to moderate silicification overprinted by very weak to weak propylitic alteration. Localised increases of potassic and propylitic alteration to moderate and silicification to strong become more common with increasing depth. Pyrite averages 3-5%, with local increases to 10-12% common at shallower depths. Py is predominantly disseminated within both units, also in stockwork and later vns. Trace chalcopyrite is most commonly within late calcite and/or quartz vns, very locally disseminated, Trace moly occurs solely within late calcite and/or quartz vns. Whereas chalcopyrite is present in trace amounts in both units, moly is only present in the pph quartz monzonite. Both cpy and moly increase in occurence and abundance with depth. Chalcopyrite and moly are also present in later gypsum vns, which increase in abundance and size with increased pottasic alteration. In comparison with 11-PC-88 mineralization, which was strongest at shallower depths, 11-PC-98 mineralization appears to increase with depth. The greater abundance of pyrite at the top of the hole may contain intergrown v.f.g cpy, increasing the overall grade of the hole. However this inference can only be confirmed with assay results.

Lions Gate Metals

Hole ID: 11-PC-98			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0	3.16	ovb							
3.16	40.20	qtz monz	porphyritic qtz monzonite	3.16	40.20	10			Diss (pred f.g.) and 1-2mm vns (f.g. to m.g. +qtz).
									Abundance inc locally to 15-20%. More abnt @
			sections of v broken/fractured core @ intervals: 3.05-3.66m, 23.00-						fracture planes (resulting impression is that
			26.67m, 31.85m-35.48m, 36.29-38.10m.						abundance is greater than that estimated?).
									diss>vns
			Light to medium grey. Anh-suh ivory fsp phenos 1-3mm (pred 1mm)						
			across vary in abundance from 35-55%. Med grey vf.g.-f.g gdmass.						
			V Weak to weak propylitic alt, locld mod silicification. Darker color						
			corresponds to decreasing fsp pheno abundance and increased						
			silicification. Soft (H: 3-4), pinkish rose anh diss min (lim?, hem?)						
			forms locld speckled zones, more common towards top of						
			hole. V abnt 1-2mm f.g. qtz- f.g.py stockwork vns with 2-4mm med grey						
			alt halos throughout unit. Medium grey clots 4-10mm across are						
			prevalent throughout unit, forming leopardskin texture. Stockwork alt						
			halos and clots both contain a f.g. chl-f.g. qtz assemblage. Clots and						
			and stockwork are less apparent in darker grey sections, however						
			abundance remains consistent across change in color. Minor late						
			stage, locally vuggy, white to pink, f.g to m.g. cal-f.g. to m.g py +/-f.g. qtz						
			vns cut stockwork vns. Mod magnetic, locld, grey-black pods 2-3.5 cm						
			across (f.g. mag?) with blurred boundaries occur from 11.04m-13.36m						
40.20	83.95	vlc-sed?	Fine grained volcanic-sedimentary?	40.20	83.95	3-7			f.g. in qtz stockwork vns, f.g.-m.g in late qtz/cal
									vns, f.g. diss in silicified sections. V rare diss in
			sections of broken/fractured core from 40.40m-44.00m (mod broken),						gdmass. Vns>diss.
			44.00m-47.87m (very broken)						
			Massive. Med olive grey-olive brown.Aph vf.g-f.g eqgr gdmass/matrix.	77.05	77.05		trace		locld in qtz-cal-py-cp vn
			Pervasive mod-strong propylitic alt. Very abnt 1-2mm f.g. qtz +/- f.g py						
			stockwork vns with 2-4mm med grey alteration halos. Stockwork vns						
			more abnt than overlying qtz mnz unit. Minor later 2-4mm f.g. to m.g						
			qtz +/-or f.g. cal +/- f.g. to m.g. py vns cut stockwork. Rare 15-40cm						
			silicified sections with increased f.g. to m.g. py abundance and						
			appearance of f.g. chl. Py is coarser grained in late qtz/cal vns and						
			silicified sections.						
83.95	99.50	qtz mnz	Porphyritic Qtz Monzonite	83.95	99.50	7			As f.g. qtz +/-f.g. py stockwork vns and f.g-m.g.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Series	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
3.16	40.20						V weak to weak propylitic alt. Not pervasive, pred occurs as chl-qtz assemblage in clots, stockwork vn halos and cal along frac planes.	3.16	40.20	frac	45-60	strong	dominant frac set within unit
								3.16	40.20	frac	25-30	strong	frac set
							**Interp: locld nature of suggests alt may be result of stockwork vns and weak movement (faulting), rather than from external source.	3.16	40.20	frac	70-85	strong	frac set
								40.20	40.20	ctc	-	Sharp	Undulatory. Unit qtz mnz is intruding is altered to reddish pink to yellowish color adjacent to ctc. Colored alteration ctc of next unit is sharp, ~90 tca.
3.16	40.20						Minor to mod abnt fracture related secondary calcite						
3.16	5.05						Oxide alt/gossan. Perv from 3.05m-3.55m, fracture related from 3.55-5.05m						
23.45	24.85					?	Pottasic alt? 15% f.g. rose-blush pink semi-hard (H:4-5) min (kfs?, hem?). Grain outlines typically blurry, not distinct.						
40.20	83.95						Pervasive mod-strong propylitic alt. Mod abnt f.g. secondary calcite, pred along frac planes	40.20	83.95	frac	50-60	25-30	Pred frac set, strong
								40.20	83.95	frac	20-30	7	minor frac set, strong
								40.20	83.95	vns	10-25	<5	minor late f.g. qtz and/or f.g. cal +/-f.g py vns
								77.05	77.05	vn	20	strong	5cm wide, f.g. qtz--v.f.g. cal-f.g. py (10%)-f.g. cpy (trace). Thin cal rim, qtz-py-cp core
								83.95	83.95	ct	~0-5	sharp	Undulatory, approx parallel tca
83.95	99.50						Pervasive weak to mod propylitic alt,	83.95	99.50	frac	25-35	10	dominant frac set

Lions Gate Metals

Hole ID: 11-PC-98			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
									diss throughout. Diss>vns
			Massive. Light grey to med greenish grey. 35-55% anh-suh white fsp phenos in light to med grey gdmass. Fsp phenos pred 1-3mm across, up to 5mm across. >3mm phenos more common approaching ctc. Phenos are locally partially to completely altered to sericite/clay. Color lightens with increased fsp abundance. 1-2mm f.g. qtz +/- f.g. py stockwork vns with 1-5mm med grey alt (chl) halos. Rare late f.g. qtz and/or f.g. cal +/-f.g. to m.g py vns 1-3mm wide cut stockwork vns. Grey chloritized clots 0.5-4.5 cm across appear @ 89.86m to end of unit, producing leopard-skin texture. Perv weak to mod propylitic alt throughout unit.						
99.50	102.63	vlc-sed	Fine grained volcanic-sedimentary?						
			Massive. Olive to med olive brown. V abnt 1-2mm f.g. qtz +/- f.g. py stockwork vns with 2-4mm med grey alt halos. Minor late f.g. to m.g. cal +/-f.g. qtz +/- f.g. to m.g. py vns cut stockwork. Perv mod propylitic alt.			<5			In f.g. qtz stockwork vns (f.g.), late f.g. to m.g. cal and/or f.g. qtz vns (f.g.-m.g.). Also v rare diss grains. Vns>>diss
102.63	105.27	qtz mnz	Porphyritic Qtz Monzonite	102.63	105.27	7			f.g. diss and in f.g. qtz stockwork vns (f.g.).
			Massive. Light grey. 55% anh-suh white fsp phenos, light grey gdmass. Phenos dominantly 1-3mm across, up to 5mm; >5mm phenos commonly suh-euh. Locld partial to complete sercite/clay alteration. of fsp phenos. Mod abnt 1-2mm f.g. qtz +/- f.g.py stockwork with grey alt halos. Minor med grey chloritized clots -- weak leopardskin texture. Perv weak, locally strong propylitic alt. Rare late 2mm f.g. qtz +/- f.g. cal vns.						diss>vns
105.27	125.09	vlc-sed	Fine grained volcanic-sedimentary?	105.27	125.09	7			Up to 10% locally. Pred f.g. to m.g in stockwork, late cal-qtz and breccia vns. Rare f.g. diss.
									Vns>>diss.
			Massive. Olive to med olive brown. V abnt 1-3mm f.g. qtz +/- f.g. py stockwork vns with 2-6mm med grey alt halos. Mod abnt late f.g. cal and/or f.g. qtz +/- f.g. py +/-f.g. cpy +/- v.f.g-f.g. med grey, dull to submet semi hard (H<4) min (tetrahedrite?), vns 2-6mm wide cut stockwork. Minor, late vns locally vuggy +/- open space filling,cal rims, qtz cores.						
							Trace		F.g. in late vns and breccia vns.
			Minor, late 1-4 cm wide breccia vns. Ang 0.1-1cm vlc-sed clsts, matrix						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-98			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			consists of f.g to m.g. cal-f.g. qtz +/-f.g. to m.g. py +/- f.g. cpy. Xcutting relationships between late generation vns unclear. Py generally coarser grained in later vns than stockwork. Perv mod propylitic alt.						
125.09	136.58	qtz mnz	Porphyritic qtz monzonite	125.09	136.58	10			Abundance inc locally to 12-15%. F.g. diss throughout unit, also f.g. to m.g in stockwork and late vns. Diss>vns.
			Similar to Qtz monzonite@3.16-40.20m. Anh-euh fsp phenos are 1-5mm across and commonly sausseritized. >3mm phenos are well formed and more common than qtz mnz @ 3.16-40.20m. Very weak to weak propylitic alt overprints v weak, locally weak pottasic alt. Locld mod propylitic alt in the form of of stockwork and clot alt halos. Late, 0.3-1.0 cm wide, m.g.to c.g. anh to euh cal +/- f.g. to m.g. anh to suh py vns, some with drusy text. Late 1-3mm f.g. to m.g .qtz +/- f.g. to m.g py vns. Rare 1-8mm wide m.g. to c.g. py vns. Rare 1mm wide, v locld, discontinuous f.g. to m.g magnetite vns, ~parallel tca. Genetic relationship between late vns unclear, all types cut stockwork. Py coarser grained in late vns relative to stockwork.						
136.58	137.08	Rhy Dyke	Intermediate Volcanic Dyke						
			V weakly fol?, aph. Bleached, light tan to pale pinkish brown from ctcs inward. <5% round to elongate amygdules?/sphericles?, f.g. white cal rims, vf.g. clear soft (H:>2,<4) min (gypsum?, flourite?) cores.						
137.08	238.14	qtz mnz	Porphyritic qtz monzonite	137.08	238.14	5			Abundance inc locally to 10-12%. F.g. diss throughout unit, also f.g. to m.g in stockwork and late vns. Diss>vns.
			Same as porphyritic qtz monzonite from 125.09-136.58m.						
			From 180.48-186.44m pottasic alt increases to weak and is overprinted by locally moderately strong propylitic alt. Green chloritized f.g. to m.g mafics (bio?) comprising 5-7% of matrix are more apparent here than in other portions of the unit. Trace amounts of f.g. red brown dull min (hem) are locally present in gdmass. 30 cm section has black brown magnetic pods with 4-5cm diameters (f.g. magnetite?)-- weak pottasic alt?	137.08	238.14		trace		Locld, f.g. diss/intergrown with py and in vns vns. Vns>diss.
				175.80	176.22			trace	F.g. diss along rim of open space filling qtz-py-cal-mo vn
			From 192.26m to 193.33m minor m.g. to c.g. anh - euh py +/- f.g. to c.g. anh-euh pinkish orange to pinkish yellow realgar/orpiment +/- f.g. to c.g. med grey dull to submet min (tetrahedrite?) vns (locally vuggy).	174.70	177.20				Trace - 1% vf.g. to f.g. grey black diss min, submet lustre (tetrahedrite?). Associated with a few open space filling qtz-py+/-cal+/-mo vns

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Series	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								125.09	125.09	ctc	45	sharp	planar
125.09	136.58					vw	Vw pottasic alt.	125.09	136.58	frac	50-70	25	Dominant frac set
								125.09	136.58	frac	20-30	10	minor frac set
								125.09	136.58	vns	10-35	5	Late f.g. to m.g. cal +/- f.g. to m.g. py +/- med grey
125.09	136.58					vw	Vw to w propylitic alt overprints vw pot alt.						sooty rims +/- drusy text
								125.09	136.58	vns	50-60	<5	Late f.g. to m.g. qtz +/- f.g. to m.g. py vns
								136.58	136.58	ctc	70	Sharp	Planar
								137.08	137.08	ctc	25	Sharp	Planar
137.08	238.14					vw	Vw pottasic alt.	137.08	238.14	frac	50-70	25	Dominant frac set
								137.08	238.14	frac	20-30	10	minor frac set
170.10	173.18					w	Pottasic alt locally inc to weak where						
							1mm wide f.g. to m.g. mag vns are present.	137.08	238.14	vns	10-35	5	Late f.g. to m.g. cal +/- f.g. to m.g. py +/- med grey
													sooty rims +/- drusy text
137.08	238.14					vw	Vw to w propylitic alt overprints vw pot alt.						
								137.08	238.14	vns	50-60	<5	Late f.g. to m.g. qtz +/- f.g. to m.g. py vns
180.48	186.44					m	Propylitic alt locally inc to mod.						
								165.31	168.07	vns	0-10	<5	locld open space filling vns; euh m.g. t o c.g. cal
223.27	232.62					w	Pottasic alt locally inc to weak. Color						rims, anh vf.g. clear qtz and/or anh v.f.g clear soft
							changes to purplish brown - greenish grey.						(H:>2,<4) min with waxy luster (gypsum?) +/- f.g.
							Weak silicification, fsp phenos are less						to m.g. py cores
							abnt +/- or are present as ghost grains (due						
							to silicification?). F.g. diss magnetite	169.90	172.00	vns	0-10	<1	1mm discontinuous f.g. to m.g. magnetite vns, ~
							present in locld sections and in 1mm locld						parallel tca

Lions Gate Metals

Hole ID: 11-PC-98			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Realgar/orp also occurs in locld blebs and pods. Mod abnt m.g. - c.g.						
			cal vns +/- drusy text.						
238.14	296.10	qtz mnz	Porphyritic qtz monzonite w/ weak pot alt	238.14	296.10	2-3			F.g. in qtz stockwork vns, late cal/qtz/gypsum?
									vns, thin ≤2mm vns and diss throughout.
			Massive. Pinkish brown to light brown grey. 30-40% white anh						
			to suh fsp phenos 1-5mm across, pred 3-5mm. Phenos commonly	238.14	296.10		trace		Locld, f.g. to m.g., within late cal and gypsum?
			partially to completely altered to sericite+/- clay. Perv weak pot alt						vns and f.g. diss (v locld).
			with weak, locally mod silicification locally overprinted by weak to						
			mod propylitic alt. F.g. reddish-brown hard (H:5-6-) min (hem?) locally	238.14	296.10			trace	Locld, f.g. to m.g. within gypsum? vns @270.70m
			diss in gdmass and within thin (<1mm) vns. Locld f.g. to m.g. mag, diss						and 295.67m
			and within vns @249.85m. Minor 1mm f.g. qtz-f.g. py stockwork vns.						
			Minor late, 0.2-4cm wide f.g. to m.g. anh to euh cal vns +/- f.g. py +/- f.g.						
			cpy , +/- sooty rims/stringers within +/- drusy text. Rare late f.g. qtz +/-						
			f.g. py vns. Mod abnt late 0.2-1.8cm wide translucent, clear to pale						
			pink, waxy, soft (H:2) min (gypsum?) vns +/-f.g. py +/- f.g. to m.g. mo						
			(locld). All late vns cut stockwork.						
296.10	406.80	qtz mnz	Variably altered porphyritic quartz monzonite	296.10	406.80	3-5%			F.g. diss, on frac planes and vns (1-4mm wide
									avgs). Also in late cal+/-or qtz and stockwork vns.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Structure					Comments
Depth		2 nd	Series	2 nd	2 nd	2 nd	Depth			Angle	% or	
From	To	Clay		Bio	Sil	Ksp	From	To	Type	tca	Strength	
							174.70	177.20	vns	10-20	<1	Few late f.g. to m.g qtz - f.g. to m.g. py +/- f.g. to m.g
												cal +/- f.g. mo vns, 1-2 cm across. Open space filling
												text; py (discontinuous) +/- cal cores, qtz rims. One
												vn with diss f.g. mo along rims.
							137.08	238.14	vns	15-30	<1	Minor 1-5mm wide f.g. clear soft (H:2) min (gypsum?)-
												f.g. cal +/- f.g. to m.g. py vns. Thin calcite rims,
												gypsum? +/- py cores. Few vns are 80° tca. One vn @
												226.53m with f.g. fl grains/clsts -f.g. to m.g py - f.g. cpy.
							238.14	231.14	ctc	-	grad	Alteration contact. Gradational over 30cm.
238.14	296.10					w	238.14	296.10	frac	30	<5	frac set
							238.14	296.10	frac	50-60	<3	frac set
							238.14	296.10	frac	70	<3	frac set
238.14	296.10											
							238.14	296.10	vns	15-30	5	Dominant orientation of late gypsum? +/- f.g. to m.g
												cpy (locld) +/- f.g. to m.g. mo (locld) vns. Two other
												orientations, 55-65° and 80-90° tca.
							238.14	296.10	vns	5-30	<3	Late f.g. to m.g. anh-euh cal vns +/-f.g. py+/-f.g. cpy, +/-
												sooty rims/stringers within, +/- drusy text.
							260.11	260.11	vn			1 cm wide f.g. qtz-f.g. gypsum-f.g. to m.g. magnetite-
												f.g. py vn
							281.63	281.63	vn	20		1cm wide open space filling vn, f.g. qtz rim, f.g.
												gypsum?-f.g. to m.g. py-f.g. to m.g. cpy (2%)-f.g. fl core.
												Similar vns @284.60m, 286.46m.
							296.10	296.10	ctc	-	grad	Alteration ctc. Gradational over 3m.
296.10	311.77						296.10	406.80	frac	50-65	8-10	Dominant frac set
							296.10	406.80	frac	20-35	5	Minor frac set, more common in faulted interval

Lions Gate Metals

Hole ID: 11-PC-98			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Massive. Pred vw to m propylitic alt with smaller intervals of weakly-						Diss>vns
			mod silicified, vw-w pottasic alt, overprinted by vw to w propylitic						
			alt. Pottasic alt intervals increase in length and are more commonly	296.10	406.80		trace		Locld f.g. to m.g. in late cal +/- qtz vns. V locld
			weak (vs vw) approaching bottom of the unit. Color varies with alt,						f.g. diss grains.
			commonly light gre y to greenish grey (propylitic alt) to light pink-grey						
			to pink-brown (pottasic alt). 2-5 mm anh-suh white fsp phenos	299.35	299.35			trace	Locld in 3cm wide f.g. to m.g. cal-f.g. to m.g. qtz-
			comprise 35-50% of the gdmass. Phenos more commonly <3mm,						f.g. to m.g. py-f.g. to m.g. sph-f.g. to m.g mo vn,
			coarsening in pottasically altered intervals. Partial sericite/clay						15*tca. 0.5% mo
			alteration of phenos associated with propylitic alt, more complete						
			with pottasic alt. Ghost phenos common in silicified intervals.						
			Mod abnt 1-2mm f.g. qtz +/- f.g. py stockwork vns with 2-6mm alt (chl/						
			clay?) halos. Minor to mod abnt med grey chl/clay-qtz clots produces						
			locld leopardskin text. Minor late, f.g. to m.g. cal +/- f.g. to m.g.						
			qtz +/- f.g. to m.g. py +/- f.g. to m.g. cpy +/- f.g. sph vns 0.2-1cm wide cut						
			stockwork vns. Vns commonly have med dk grey dull, sooty rims,						
			stringers and blebs. Rare 1-2mm f.g. gypsum +/- f.g. py vns, pred in						
			potassic alt intervals, cut stockwork.						
			299.40m-335.33m: Fault zone? Abnt pitted/vuggy intervals w/ gouge						
			filled sections (1-36cm across). Most common from 319.31m-332.44m						
			V abnt dk grey black sooty frac planes and thin (≤1mm) vns. Frac plane						
			with 1mm dark grey charcoal coating and slickensides (shear zone?)						
			approx parallel tca m 325.48m-327.45m. Late qtz vns>cal vns for this						
			interval. Mod propylitic alt.						
			338.65m-406.80m: Minor-mod frac faces with cal+/-sericite/clay						
			coatings and slickensides.						
406.80	453.24	qtz mnz	Weak to moderate potassically altered porphyritic qtz monzonite	406.80	453.24	5			F.g. diss, f.g. along frac planes, f.g. vns, f.g. in
	EOH								stockwork, late cal and gypsum vns. Diss>vns.
			Massive. Weak to mod potassic alteration, silicification varies from						
			weak to strong. Weak propylitic alt overprint. Color varies with degree	406.80	453.24		trace		Locally v.f.g to f.g. in late cal vns, v locally diss.
			of alt and silicification. Most commonly pink brown, more silicified						Vns>>diss.
			sections are grey brown to grey green. 40-50% anh-suh white fsp						
			phenos 1-5mm in size, dominantly <3mm. Coarsening of phenos @						
			434.53m; 3-5mm size range more common, abundance inc to 50-55%.						
			Partial to complete sericite/clay alteration of phenos. Phenos						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Structure						
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth		Type	Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To		tca	Strength	
311.77	314.30					w	W pottasic alt. Mod silicification. Vw-w propylitic overprint.	296.10	406.80	vns	10-30	<5	late f.g. to m.g. cal +/- f.g. to m.g. qtz +/- f.g. to m.g. py +/- f.g. to m.g. cpy +/- f.g. sph vns, 0.2-1cm average widths. Few 50-60°tca.
314.30	338.65						Vw-w propylitic alteration. Alt locally inc to mod with mod silicification adjacent to gouge filled sections.	310.00	310.00	vn	15		1.8 cm wide m.g to c.g. py-f.g. cal-f.g. qtz vn. 60% py
338.65	367.83					vw-w	Vw-w pottasic alt with w-m silicification overprinted by vw-w propylitic alt. Fsp phenos locally pale to rose pink (kfs alt?). Fsp phenos coarsen, 3-5mm sized phenos more common.	324.27	327.47	vns	5-15		Few 5-8cm wide m.g. to c.g. qtz-m.g.to c.g.cal-f.g to m.g. py-f.g. sph vns with dk grey black sooty blebs, stringers +/- rims. Apparent association with inferred shear zone.
								352.14	352.14	vn	20		1cm wide f.g. gypsum?-f.g. py-f.g. fl vn
367.83	387.60					m	Mod pottasic alt with mod to strong silicification. Weak propylitic overprint. Fsp phenos dominantly <3mm, commonly as ghost grains.	401.58	401.58	vn	20		2cm wide f.g. cal vn with locld c.g.-vc.g. gypsum and dk grey black sooty rims.
								406.80	406.80	ctc	-	grad	Alteration ctc. Gradational over 1m.
387.60	406.80					vw-w	Vw-w pottasic alt with w-m silicification overprinted by vw-w propylitic alt. Light grey to buff grey color. Overall inc in fsp size and abundance (45-55%). 3-5mm grains more common than 367.83m-387.69m interval.						
406.80	420.48					w-m	W-m pottasic alt with mod to strong silicification. Vw-w propylitic alt overprint.	406.80	453.24	fracs	50-60	10	Dominant frac set
								406.80	453.24	fracs	20-30	5	Minor frac set
								406.80	453.24	fracs	70-80	<5	Minor frac set
420.08	453.24					vw-w	Vw-w potassic alt with w-m silicification. Small localised sections with mod pot alt m-s silicification. Vw-w propylitic overprint.	406.80	453.24	vns	10-35	<5	Minor, late, 3-5mm wide f.g. to m.g. cal +/- f.g. to c.g. py +/- f.g. qtz +/-vf.g. to f.g. cpy
								406.80	453.24	vns	20-30	5	Late f.g. to m.g. gypsum? +/- f.g. to m.g. py +/- f.g. to c.g. fl vns 0.1-3.5 cm wide, (dominantly 1-2mm). Rarely

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-98		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
3.05	5.18	2.13	2.02	95	0.20	9		
5.18	8.23	3.05	3.09	101	2.21	72		
8.23	11.28	3.05	3.08	101	2.14	70		
11.28	14.33	3.05	3.01	99	1.06	35		
14.33	17.38	3.05	2.96	97	1.85	61		
17.38	20.43	3.05	2.93	96	1.64	54		
20.43	23.48	3.05	3.03	99	2.01	66		
23.48	26.52	3.04	3.00	99	0.23	8		Highly fractured.
26.52	29.57	3.05	3.01	99	0.68	22		
29.57	32.62	3.05	2.89	95	0.95	31		
32.62	35.67	3.05	3.04	100	0.17	6		Highly fractured.
35.67	38.71	3.04	3.01	99	0.36	12		Highly fractured.
38.71	41.77	3.06	2.99	98	0.86	28		
41.77	44.82	3.05	2.96	97	0.00	0		Highly fractured.
44.82	47.87	3.05	3.02	99	0.00	0		Highly fractured.
47.87	50.91	3.04	2.97	98	2.41	79		
50.91	53.96	3.05	3.04	100	0.30	10		Highly fractured.
53.96	57.01	3.05	3.03	99	2.29	75		
57.01	60.06	3.05	3.04	100	1.52	50		
60.06	63.11	3.05	3.04	100	2.26	74		
63.11	66.16	3.05	3.00	98	2.30	75		
66.16	69.19	3.03	3.02	100	2.78	92		
69.19	72.24	3.05	3.03	99	2.24	73		
72.24	75.30	3.06	3.01	98	1.10	36		
75.30	78.33	3.03	2.81	93	1.92	63		
78.33	81.38	3.05	3.05	100	2.42	79		
81.38	84.43	3.05	3.02	99	3.00	98		
84.43	87.48	3.05	3.02	99	2.92	96		
87.48	90.53	3.05	2.97	97	2.66	87		
90.53	93.57	3.04	2.98	98	2.35	77		
93.57	96.62	3.05	3.00	98	2.69	88		
96.62	99.67	3.05	3.01	99	2.70	89		
99.67	102.72	3.05	2.98	98	1.50	49		
102.72	105.77	3.05	3.01	99	2.10	69		
105.77	108.81	3.04	3.06	101	1.58	52		
108.81	111.86	3.05	3.07	101	2.13	70		
111.86	114.91	3.05	3.05	100	2.09	69		
114.91	117.96	3.05	3.07	101	1.92	63		
117.96	121.01	3.05	2.99	98	2.47	81		
121.01	124.05	3.04	3.02	99	1.87	62		
124.05	127.10	3.05	3.06	100	2.28	75		
127.10	130.15	3.05	2.99	98	2.55	84		
130.15	133.20	3.05	3.08	101	2.79	91		
133.20	136.25	3.05	2.91	95	1.97	65		
136.25	139.29	3.04	2.95	97	2.44	80		
139.29	142.34	3.05	2.97	97	2.60	85		
142.34	145.39	3.05	3.11	102	2.17	71		
145.39	148.44	3.05	2.85	93	2.49	82		
148.44	151.49	3.05	3.01	99	2.69	88		
151.49	154.53	3.04	3.00	99	1.41	46		
154.53	157.58	3.05	2.80	92	1.50	49		
157.58	160.63	3.05	2.99	98	2.55	84		
160.63	163.68	3.05	3.02	99	2.68	88		
163.68	166.73	3.05	3.01	99	2.72	89		
166.73	169.77	3.04	2.84	93	2.59	85		
169.77	172.82	3.05	3.05	100	2.74	90		
172.82	175.87	3.05	2.96	97	2.26	74		
175.87	178.92	3.05	3.02	99	2.14	70		
178.92	181.97	3.05	3.08	101	2.61	86		

Hole ID: 11-PC-98		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
181.97	185.01	3.04	3.06	101	2.57	85		
185.01	188.06	3.05	2.91	95	2.56	84		
188.06	191.11	3.05	3.08	101	2.22	73		
191.11	194.16	3.05	3.06	100	1.46	48		
194.16	197.21	3.05	3.07	101	2.31	76		
197.21	200.25	3.04	3.01	99	2.65	87		
200.25	203.30	3.05	3.05	100	2.90	95		
203.30	206.35	3.05	3.01	99	2.75	90		
206.35	209.40	3.05	3.06	100	2.59	85		
209.40	212.45	3.05	3.00	98	2.57	84		
212.45	215.49	3.04	3.05	100	2.73	90		
215.49	218.54	3.05	3.06	100	3.00	98		
218.54	221.59	3.05	3.05	100	2.40	79		
221.59	224.64	3.05	3.05	100	2.58	85		
224.64	227.69	3.05	3.02	99	2.75	90		
227.69	230.73	3.04	3.04	100	2.63	87		
230.73	233.78	3.05	3.03	99	2.19	72		
233.78	236.83	3.05	3.05	100	2.45	80		
236.83	239.88	3.05	2.99	98	2.75	90		
239.88	242.93	3.05	3.00	98	1.86	61		
242.93	245.97	3.04	3.00	99	1.88	62		
245.97	249.02	3.05	3.07	101	2.48	81		
249.02	252.07	3.05	3.06	100	2.99	98		
252.07	255.12	3.05	2.98	98	2.96	97		
255.12	258.17	3.05	3.02	99	2.54	83		
258.17	261.21	3.04	3.00	99	2.81	92		
261.21	264.26	3.05	3.07	101	2.98	98		
264.26	267.31	3.05	3.06	100	2.62	86		
267.31	270.36	3.05	3.00	98	2.61	86		
270.36	273.41	3.05	2.97	97	2.97	97		
273.41	276.45	3.04	3.02	99	2.77	91		
276.45	279.50	3.05	2.86	94	2.77	91		
279.50	282.55	3.05	3.05	100	2.81	92		
282.55	285.60	3.05	3.07	101	3.00	98		
285.60	288.65	3.05	2.99	98	2.30	75		
288.65	291.69	3.04	3.01	99	3.01	99		
291.69	294.74	3.05	3.09	101	2.91	95		
294.74	297.79	3.05	2.98	98	1.83	60		
297.79	300.84	3.05	3.08	101	2.79	91		
300.84	303.89	3.05	3.03	99	2.29	75		
303.89	306.93	3.04	3.03	100	2.35	77		
306.93	309.98	3.05	3.06	100	2.92	96		
309.98	313.03	3.05	3.04	100	2.54	83		
313.03	316.08	3.05	3.02	99	2.02	66		
316.08	319.13	3.05	3.07	101	2.83	93		
319.13	322.17	3.04	3.04	100	1.66	55		
322.17	325.22	3.05	3.05	100	2.27	74		
325.22	328.27	3.05	3.03	99	2.60	85		
328.27	331.32	3.05	3.03	99	2.40	79		
331.32	334.37	3.05	3.08	101	2.20	72		
334.37	337.41	3.04	3.02	99	2.59	85		
337.41	340.46	3.05	3.03	99	2.58	85		
340.46	343.51	3.05	3.07	101	2.96	97		
343.51	346.56	3.05	3.05	100	2.32	76		
346.56	349.61	3.05	3.06	100	2.52	83		
349.61	352.65	3.04	3.07	101	2.55	84		
352.65	355.70	3.05	3.07	101	2.61	86		
355.70	358.75	3.05	3.08	101	1.57	51		
358.75	361.80	3.05	3.05	100	2.53	83		

Hole ID: 11-PC-98		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
361.80	364.85	3.05	3.07	101	2.77	91		
364.85	367.89	3.04	2.96	97	2.64	87		
367.89	370.94	3.05	3.11	102	2.63	86		
370.94	373.99	3.05	3.04	100	2.96	97		
373.99	377.04	3.05	3.04	100	2.43	80		
377.04	380.09	3.05	3.07	101	2.63	86		
380.09	383.13	3.04	2.98	98	2.61	86		
383.13	386.18	3.05	3.02	99	2.48	81		
386.18	389.23	3.05	3.07	101	2.74	90		
389.23	392.28	3.05	3.00	98	2.55	84		
392.28	395.33	3.05	3.04	100	2.51	82		
395.33	398.37	3.04	3.00	99	2.42	80		
398.37	401.42	3.05	3.09	101	2.93	96		
401.42	404.47	3.05	3.05	100	2.90	95		
404.47	407.52	3.05	3.02	99	2.48	81		
407.52	410.57	3.05	3.07	101	2.93	96		
410.57	413.61	3.04	3.06	101	2.83	93		
413.61	416.66	3.05	3.02	99	2.59	85		
416.66	419.71	3.05	3.07	101	2.27	74		
419.71	422.76	3.05	3.06	100	2.49	82		
422.76	425.81	3.05	3.05	100	1.89	62		
425.81	428.85	3.04	2.96	97	2.54	84		
428.85	431.90	3.05	3.07	101	2.71	89		
431.90	434.95	3.05	3.04	100	2.66	87		
434.95	438.00	3.05	3.00	98	2.61	86		
438.00	441.05	3.05	3.04	100	2.66	87		
441.05	444.09	3.04	3.04	100	2.39	79		
444.09	447.14	3.05	3.06	100	2.72	89		
447.14	450.19	3.05	3.01	99	2.52	83		
450.19	453.24	3.05	3.06	100	2.81	92		EOH

Hole ID: 11-PC-98		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045220	3.16	6.16	3.00		1
1045221	6.16	9.16	3.00		1-2
1045222	9.16	12.16	3.00		2-3
1045223	12.16	15.16	3.00		3-4
1045224	15.16	18.16	3.00		4-5
1045225	18.16	21.16	3.00		5-6
1045226				Std CDN-FCM-7	
1045227	21.16	24.16	3.00		6-7
1045228	24.16	27.16	3.00		7-8
1045229	27.16	30.16	3.00		8-9
1045230				Blank	
1045231	30.16	33.16	3.00		9-10
1045232	33.16	36.16	3.00		10-11
1045233	36.16	39.16	3.00		12-13
1045234	36.16	39.16	3.00	Duplicate	12-13
1045235	39.16	40.20	1.04		13
1045236	40.20	43.20	3.00		13-14
1045237	43.20	46.20	3.00		14-15
1045238	46.20	49.20	3.00		15-16
1045239	49.20	52.20	3.00		16-17
1045240	52.20	55.20	3.00		17-18
1045241	55.20	58.20	3.00		18-19
1045242	58.20	61.20	3.00		19-20
1045243	61.20	64.20	3.00		20-21
1045244	64.20	67.20	3.00		21-22
1045245	67.20	70.20	3.00		22
1045246				Std CDN-FCM-7	
1045247	70.20	73.20	3.00		22-23
1045248	73.20	76.20	3.00		23-24
1045249	76.20	79.20	3.00		24-25
1045250				Blank	
1045251	79.20	82.20	3.00		25-26
1045252	82.20	83.95	1.75		26-27
1045253	83.95	86.95	3.00		27-28
1045254	83.95	86.95	3.00	Duplicate	27-28
1045255	86.95	89.95	3.00		28-29
1045256	89.95	92.95	3.00		29-30
1045257	92.95	95.95	3.00		30
1045258	95.95	99.50	3.55		30-31
1045259	99.50	102.63	3.13		31-32
1045260	102.63	105.27	2.64		32
1045261	105.27	108.27	3.00		32-33
1045262	108.27	111.27	3.00		33-34
1045263	111.27	114.27	3.00		34-35
1045264	114.27	117.27	3.00		35
1045265	117.27	120.27	3.00		35-36
1045266	120.27	123.27	3.00		36-37
1045267				Std CDN-CM-8	
1045268	123.27	125.09	1.82		37
1045269	125.09	128.09	3.00		37-38
1045270	128.09	131.09	3.00		38-39
1045271	131.09	134.09	3.00		39
1045272				Blank	
1045273	134.09	136.58	2.49		39-40
1045274	136.58	137.08	0.50		40
1045275	137.08	140.08	3.00		40-41
1045276	140.08	143.08	3.00		41
1045277	140.08	143.08	3.00	Duplicate	41

Hole ID: 11-PC-98		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045278	143.08	146.08	3.00		41-42
1045279	146.08	149.08	3.00		42-43
1045280	149.08	152.08	3.00		43
1045281	152.08	155.08	3.00		43-44
1045282	155.08	158.08	3.00		44-45
1045283	158.08	161.08	3.00		45
1045284	161.08	164.08	3.00		45-46
1045285	164.08	167.08	3.00		46-47
1045286				Std CDN-FCM-7	
1045287	167.08	170.08	3.00		47
1045288	170.08	173.08	3.00		47-48
1045289	173.08	176.08	3.00		48-49
1045290	176.08	179.08	3.00		49-50
1045291	179.08	182.08	3.00		50
1045292				Blank	
1045293	182.08	185.08	3.00		50-51
1045294	185.08	188.08	3.00		51-52
1045295	188.08	191.08	3.00		52
1045296	191.08	194.08	3.00		52-53
1045297	191.08	194.08	3.00	Duplicate	52-53
1045298	194.08	197.08	3.00		53-54
1045299	197.08	200.08	3.00		54
1045300	200.08	203.08	3.00		54-55
1045301	203.08	206.08	3.00		55-56
1045302	206.08	209.08	3.00		56
1045303	209.08	212.08	3.00		56-57
1045304				Std CDN-FCM-7	
1045305	212.08	215.08	3.00		57-58
1045306	215.08	218.08	3.00		58-59
1045307	218.08	221.08	3.00		59
1045308	221.08	224.08	3.00		59-60
1045309				Blank	
1045310	224.08	227.08	3.00		60-61
1045311	227.08	230.08	3.00		61
1045312	230.08	233.08	3.00		61-62
1045313	233.08	236.08	3.00		62-63
1045314	233.08	236.08	3.00	Duplicate	62-63
1045315	236.08	238.14	2.06		63
1045316	238.14	241.14	3.00		63-64
1045317	241.14	244.14	3.00		64
1045318	244.14	247.14	3.00		64-65
1045319	247.14	250.14	3.00		65-66
1045320	250.14	253.14	3.00		66
1045321	253.14	256.14	3.00		66-67
1045322	256.14	259.14	3.00		67-68
1045323	259.14	262.14	3.00		68
1045324	262.14	265.14	3.00		68-69
1045325	265.14	268.14	3.00		69-70
1045326	268.14	271.14	3.00		70-71
1045327	271.14	274.14	3.00		71
1045328				Std CDN-CM-8	
1045329	274.14	277.14	3.00		71-72
1045330	277.14	280.14	3.00		72-73
1045331	280.14	283.14	3.00		73
1045332	283.14	286.14	3.00		73-74
1045333	286.14	289.14	3.00		74-75
1045334				Blank	
1045335	289.14	292.14	3.00		75

Hole ID: 11-PC-98		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045336	292.14	295.14	3.00		75-76
1045337	292.14	295.14	3.00	Duplicate	75-76
1045338	295.14	296.10	0.96		76
1045339	296.10	299.10	3.00		76-77
1045340	299.10	302.10	3.00		77-78
1045341	302.10	305.10	3.00		78
1045342	305.10	308.10	3.00		78-79
1045343	308.10	311.10	3.00		79-80
1045344	311.10	314.10	3.00		80
1045345	314.10	317.10	3.00		80-81
1045346	317.10	320.10	3.00		81-82
1045347	320.10	323.10	3.00		82
1045348	323.10	326.10	3.00		82-83
1045349	326.10	329.10	3.00		83-84
1045350				Std CDN-FCM-7	
1045351	329.10	332.10	3.00		84
1045352	332.10	335.10	3.00		84-85
1045353	335.10	338.10	3.00		85-86
1045354				Blank	
1045355	338.10	341.10	3.00		86
1045356	341.10	344.10	3.00		86-87
1045357	344.10	347.10	3.00		87-88
1045358	344.10	347.10	3.00	Duplicate	87-88
1045359	347.10	350.10	3.00		88
1045360	350.10	353.10	3.00		88-89
1045361	353.10	356.10	3.00		89-90
1045362	356.10	359.10	3.00		90-91
1045363	359.10	362.10	3.00		91
1045364	362.10	365.10	3.00		91-92
1045365	365.10	368.10	3.00		92-93
1045366				Std CDN-FCM-7	
1045367	368.10	371.10	3.00		93
1045368	371.10	374.10	3.00		93-94
1045369	374.10	377.10	3.00		94-95
1045370	377.10	380.10	3.00		95
1045371	380.10	383.10	3.00		95-96
1045372	383.10	386.10	3.00		96-97
1045373	386.10	389.10	3.00		97
1045374				Blank	
1045375	389.10	392.10	3.00		97-98
1045376	392.10	395.10	3.00		98-99
1045377	395.10	398.10	3.00		99
1045378	395.10	398.10	3.00	Duplicate	99
1045379	398.10	401.10	3.00		99-100
1045380	401.10	404.10	3.00		100-101
1045381	404.10	406.80	2.70		101
1045382	406.80	409.80	3.00		101-102
1045383				Std CDN-CM-8	
1045384	409.80	412.80	3.00		102-103
1045385	412.80	415.80	3.00		103
1045386	415.80	418.80	3.00		103-104
1045387	418.80	421.80	3.00		104-105
1045388				Blank	
1045389	421.80	424.80	3.00		105
1045390	424.80	427.80	3.00		105-106
1045391	427.80	430.80	3.00		106-107
1045392	430.80	433.80	3.00		107
1045393	430.80	433.80	3.00	Duplicate	107

2011 Poplar Drilling

Hole ID: 11-PC-99	Easting (NAD 83): 631805	Core Size: HQ & NQ	DDH Started: September 2 2011
	Northing (NAD 83): 5986738	Hole Azimuth: 295	DDH Finished: September 7 2011
Property: Poplar Deposit	Elevation: 886m	Hole Angle: -65	Log Completed: Sept 14 2011
	Source: GPS	Total Depth: 502.13m	Analysis by: ACME

Logged by: C.Knight/A.Ross
Geotechnician: A.Greene, A.Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	295.0	-65.0
96.65	294.2	-65.7
203.35	298.3	-64.0
303.96	302.6	-63.5
404.57	307.1	-61.8
502.13	310.3	-60.2

Summary:	This hole tests east of the discovery zone and 11-PC-88. The hole consists of fsp pph qtz monzonite with variable potassic alt. A few 10-20m vlc sediment rafts are intercalated at the top of the unit and the hole collars in approximately 40m of qtz eye rhyolite. Cpy and moly are consistently present in trace amounts throughout the hole. Both cpy and moly are present in later vns and cpy is locally diss. Cpy abundance appears to increase to around 1% starting at 140m depth to the bottom of the hole.
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Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	10.54	ovb	Few pph qtz monzonite boulders. Ovb/core loss from 8.32-10.40m						
10.54	53.60	qtz eye rhy	Qtz Eye Rhyolite	49.12	50.12	trace			V locld in f.g. to m.g. smoky quartz-f.g. white qtz?
									(H:7) - vf.g. to f.g. med dk grey min (tetrahedrite?)-
			Massive, very pale green-white to buff. 5% m.g. to c.g., suh to euh						f.g. py -vf.g. to f.g. cpy-vf.g.-f.g. mo vns.
			smoky qtz phenos, dom ≤ 3mm. 5% m.g., suh to euh clay/sericite +/-cal						
			altered fsp phenos, dom ≤3mm. 3% 1-3mm, anh to suh phenos with	49.12	50.12		trace		V locld in f.g. to m.g. smoky quartz-f.g. white qtz?
			square to lath shaped xsections and altered to lime green, soft						(H:7) - vf.g. to f.g. med dk grey min (tetrahedrite?)-
			(H: 2-2.5), dull to waxy min (clay?, gypsum?). Vf.g. to f.g. gdmass. Frac						f.g. py -vf.g. to f.g. cpy-vf.g.-f.g. mo vns.
			planes commonly coated by clay+/- cal. Sulfides rare to absent.						
			Stockwork, cal/qtz vns rare to absent.	49.12	50.12			trace	V locld in f.g. to m.g. smoky quartz-f.g. white qtz?
									(H:7) - vf.g. to f.g. med dk grey min (tetrahedrite?)-
			8.40-21.90m: Core is locally crumbly, pitted +/- minor gouge. Small						f.g. py -vf.g. to f.g. cpy-vf.g.-f.g. mo vns.
			fault zone comprising gouge with subang to ang qtz eye rhy clasts						
			from 20.18m-20.58m						
			49.12-50.12m: Mod propylitic alt, chl-ep assemblage, locally sooty						
			appearance. Few f.g. to m.g. smoky quartz-f.g. white qtz? (H:7) - vf.g. to						
			f.g. med dk grey min (tetrahedrite?) f.g. py -vf.g. to f.g. cpy-vf.g.-f.g. mo						
			vns. Sharp lower alteration ctc, 20° _{tca} , wk shearing of unaltered rhy						
			adjacent to ctc. Broken upper ctc, presumably sharp.						
53.60	67.90	vlc-sed	Aph/v.f.g. Volcanic Sediment	53.60	67.90	2-3			F.g. diss, f.g. in stockwork and late qtz-cal vns.
									Vns>diss.
			Massive, variable color , pale ol-light to med brown-med grey. Wk to						
			mod propylitic alt. Locld weak to mod silicification. V abnt 1-2mm f.g.				trace		F.g. in late qtz-cal vns, locld f.g. diss. Vns>diss
			qtz +/-f.g. py +/- f.g. cpy random stockwork vns with 2-4mm alt halos.						
			Late f.g. qtz-f.g. cal +/-f.g. py +/- f.g. mo +/- f.g. cpy vns cut stockwork.					trace	F.g. in late qtz-cal vns, some vns with 1-2% mo.
			Vns commonly open space filling text; qtz +/- diss mo rims, cal +/- py +/-						
			cpy cores. ~65% of overall late vns contain mo and cpy.						
67.90	89.35	qtz mnz	Fsp Porphyritic Qtz Monzonite with Variable Potassic Alteration	67.90	89.35	3-5			F.g. diss, f.g. in stockwork, late cal/qtz and
									gypsum?/cal vns. Diss>vns
			Massive, dominantly dk purplish grey with minor buff grey sections.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
10.54	53.60	w?	w?				Clay/sericite +/- cal alteration of fsp phenos	10.54	53.60	fracs	40-50	5	Dominant frac set
							suggests weak to mod phyllic+/or argillic alt.	10.54	53.60	fracs	65-70	<5	Minor frac set
							Locld blotchy blush to dusty rose pink						
							staining of gmdass from 20.74m-26.74m	20.18	20.58	fault	45	strong	19 cm of gouge, planar ctc.
							(weak potassic alt?). Vw propylitic alt						
							overprint.	53.60	53.60	ctc	20	sharp	Sharp lithological ctc. Planar. V weak shearing for ~1m
49.19	50.12						Mod propylitic alt, chl-ep assemblage,						approaching ctc.
							locally sooty appearance						
53.60	67.90						Weak to mod propylitic alt. Locld weak to	53.60	67.90	fracs	60-70	5	Small intervals of broken core throughout unit
							mod silicification.						
								53.60	67.90	vns	15-30	7	Late f.g. qtz-f.g. cal +/-f.g. py +/- f.g. mo +/- f.g. cpy vns
													2-5mm wide, rare open space filling text. Rare vns
													without sul, 50-60°tca.
								59.27	59.27	vn	20		0.4mm wide mg. euh gypsum-f.g. cal-f.g. mo vn, drusy
													text
								67.90	67.90	ctc	35	sharp	Sharp planar lithological ctc.
67.90	89.35				m-s	m	Mod, locally weak potassic alt with mod to	67.90	89.35	fracs	50-65	5	
							strong silicification overprinted by vw-w						
							propylitic alt. Gdmass commonly partly to	71.00	73.35	BZ			Broken zone of mod to strongly broken core

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
			Perv mod, locally weak, potassic alt with weak to mod silicification locally overprinted by very weak to weak propylitic alteration.				trace		Up to 1% locally. F.g. diss, f.g. in late cal/qtz and gypsum?/qtz vns. Diss>vns	
			30-40% anh to suh, white to grey fsp phenos 1-5 mm in size; most commonly 1-3mm, coarsen with inc potassic alt. Phenos commonly partially, locally completely, altered to sericite/clay (complete alt =					trace	Locld, f.g. in late cal/qtz and gypsum?/cal vns	
			locld weak phyllic alt overprint?). Ghost fsp phenos common in more silicified portions. Dk purple grey sections have minor (<3%)							
			locld f.g. magnetite, diss and vns, vns>diss. Variable f.g. to m.g., rare							
			c.g. bio flooding of gdmass (15-30%), greatest in dk purplish grey sections.							
			Minor 1mm f.g. qtz +/- f.g. py random stockwork vns with bleached							
			2mm alt halos cut by 1mm white v.f.g cal +/- f.g. qtz stockwork vns.							
			Minor late f.g. to m.g. cal +/- f.g. qtz +/- f.g. cpy +/- f.g. mo vns cut both							
			stockwork types. Few late vns have open space filling text.							
			69.31-70.68m: Pale tan-med brn vlc sed raft, same as described @							
			53.60-67.90m.							
			82.65-88.83m: Few late m.g.to c.g., soft (H:2.5), waxy, orange,							
			clear or purple min (gypsum?)-f.g. to m.g. cal-f.g. py-f.g. cpy-f.g.							
			mo +/-f.g. to m.g. dol +/- f.g. fl vns. Few with open space filling text,							
			cal +/-or dol rims, gypsum? cores. Gdmass locally stained peach @							
			ctcs,weak pot alt? vns 0.4-2.5cm wide.							
89.35	139.80	qtz mnz	Porphyritic Quartz Monzonite with Moderate Potassic Alteration	89.35	139.80	1-2			Up to 3% locally. F.g. diss, in stockwork and late cal/qtz/gypsum vns. Diss>vns.	
			Massive, dark grey black. Moderate potassic alteration with weak							
			to moderate, locally strong silicification. Potassic alt primarily	89.35	139.80		1		F.g. diss, in stockwork and late cal/qtz/gypsum vns.	
			defined by partial to complete biotite flooding of gdmass (f.g.-m.g.,						Vns~=diss.	
			20-30% overall) and minor to mod abnt vf.g. to f.g. mag (3-5% overall),							
			pred as vns, locally diss. V locld, v.f.g to f.g. K-fsp (<3% overall) flooding	89.35	139.80			trace	Up to 1% locally. F.g. in stockwork and late cal/qtz	
			gdmass in alteration halos of late cal/qtz +/- sul vns. 30-35% anh-euh,						/gypsum vns.	
			light grey fsp phenos, 1-3mm avgs. Phenos commonly partly silicified,							
			altered to sericite/clay in locld alteration halos of late qtz/cal +/- sul							
			vns.							

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Abnt 1-3mm, white, f.g. qtz +/- f.g. cal +/- f.g. sul stockwork vns.						
			stockwork vns most commonly randomly oriented, locally show						
			preferential orientation of 15-30° tca. Preferentially oriented						
			stockwork more commonly contain sul. Minor f.g. to m.g. qtz +/- f.g.						
			to m.g. cal +/- f.g. cpy +/- f.g. mo +/- f.g. py vns 0.3-1.5 cm wide cut						
			stockwork. Late vns commonly with bleached alteration halos +/-						
			weak kfs? flooding. Qtz vns ~= cal vns in abncc. Rare 0.2-1.0 cm wide						
			f.g. to m.g. gypsum +/- f.g. cal +/- fl +/-f.g. cpy +/- f.g. mo +/- f.g. py vns +/-						
			bleached alteration halos cut stockwork. Mod abnt (~5%) frac related						
			secondary cal.						
			91.16m-91.10m: Mod potassically altered vlc-seds raft.						
139.80	160.42	vlc-sed	Aph/vf.g. Volcanic-sediment	139.80	160.42	1			F.g., diss and in stockwork and cal vns, vns>diss.
			Massive, variable color; med brown grey-dark brown black-pale green	139.80	160.42		1		F.g., diss and in stockwork and cal vns. Vns~=diss.
			grey. Weak to mod potassic alt with weak to mod silicification. Locld						
			very weak to weak propylitic and/or phyllic alt overprints. Dark brown	139.80	160.42			1	F.g, locally within cal vns.
			black sections weakly to mod magnetic.						
			V abnt 1mm f.g. qtz +/- f.g. sul random stockwork vns with 2-3mm						
			pale green to pale pink (chl and K-fsp?) alt halos. Mod abnt 1-10mm						
			wide f.g. cal +/- f.g. qtz +/- f.g. cpy +/- f.g. py +/- f.g. mo vns cut stockwork						
			and each other. Cal vns <3mm are randomly oriented, >3mm vns						
			commonly 25-25°tca with coarser grained sulfides and bleached alt						
			halos. Minor to mod abnt sericite/clay coated frac planes, inc in						
			abundance approaching lower etc.						
			140.00-140.62m: 2-6mm wide, xcutting f.g. to m.g. cal -f.g. qtz-f.g. mo						
			vns with yellow brown alteration halos.						
160.42	313.91	qtz mnz	Porphyritic Qtz Mnz with Variable Potassic Alteration	160.42	313.91	1			F.g., diss and in stockwork, later qtz vns. Diss>vns.
			Massive, pale green grey grading @ 185.18m to light grey buff, locally	160.42	313.91		1		F.g., diss and in later qtz vns. Vns>diss. Up to 2%
			pink grey for remainder of unit. Vw-w, locally mod, potassic alt with						locally. Abundance increases with increasing
			weak to mod silicification, locally overprinted by very weak to mod						depth.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													3% mo, 1-2% cpy. Few 0.5-1.0 cm wide similar vns
													proximal to large vn. Buff grey bleached alteration halo
													from 126.79m-128.57m. Complete sericite/clay
													alteration of fsp phenos (phyllic alt) from 125.56m-
													129.36m. Abnt subparallel, 2-4mm wide, f.g. qtz+/-f.g.
													cal+/-or f.g. gypsum+/-sul vns from 125.56m-129.36m,
													20°tca.
								139.80	139.80	ctc	-	sharp	Sharp lithological ctc. Broken core, orientation tca
													unattainable.
139.80	160.42			w-s	w-m	w-m	Weak to moderate potassic alt with weak to	139.80	160.42	fracs	30-45	10	Dominant frac set
							mod silicification. Stronger potassic alt in	139.80	160.42	fracs	50-60	<5	Rare fracs 70 tca
							dark brown black sections with mod to						
							strong bio flooding of gdmass and locld f.g.	139.80	160.42	vns	25-35	15	Preferred orientation of xcutting f.g. cal +/- f.g. qtz +/-
							diss magnetite. Stronger silicification in						f.g. cpy +/- f.g. py +/- f.g. mo vns. Less commonly 45-60
							these sections also. Rare to minor, locld, pink						and 70 tca.
							brown sections (weak K-fsp flooding of						
							gdmass?). Vw to w propylitic alt locally @	154.95	155.39	Fault	15	mod	Fault zone, 44cm of gouge, with m.g. to vc.g. subang to
							faulted/brecciated intervals.						ang vlc-sed clsts. Strong silicification, mod brecciation,
													locally pitted/vuggy, few breccia vns and sooty m.g. qtz-
													f.g. to m.g. cpy-f.g. py vns from 152.09-156.32m.
								160.42	160.42	ctc	25	sharp	Planar lithological ctc.
168.86	185.18	w			w-m		Mod propylitic alt with weak to mod	160.42	313.91	fracs	50-65	15%	Dominant frac set
							silicification of gdmass. Perv chloritization	160.42	313.91	fracs	30-35	<5	More common @ top of unit
							of mafics.	160.42	313.91	fracs	70	<5	
								160.42	313.91	vns	20-35	10-15	Later qtz+/-cal+/-cpy+/-mo+/-py vns

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho Code		Depth		%	%	%	Comments
From	To			From	To	Py	Cpy	Mo	
			propylitic and/or phyllic alteration. 30-40%, white to light grey, anh to suh, 1-5mm fsp phenos. Phenos dominantly 1-3mm, >3mm phenos more common with increased silicification and locld phyllic alt. Pervasive partial to complete sericite/clay alteration of phenos. 5-7% green to green grey, f.g. to m.g. chloritized mafics (bio?). Locld sections with v.f.g to f.g., dk grey, submet diss flecks of unknown min (bio?, altered py/mo?, tetrahedrite?). Flecks produce overall speckled/dirty/sooty appearance, depending on abundance (>abundance=more sooty appearance). Apparent inc in mo abundance with > fleck abundance. Sootiness increases in abundance and occurrence with inc depth. Perv weak to mod sootiness from 264.53m to end of unit.	160.42	313.91			tr-1	Up to 3%. F.g., diss and in late qtz vns. Coarser grained in vns. Diss>vns. Locally more abnt than cpy and py. 2mm mo vn @184.25m.
			Minor, locally absent, 1mm randomly oriented f.g. qtz +/- f.g. sul stockwork vns +/- grey chloritized alt halos. Later, minor to mod abnt, f.g. to m.g. qtz +/- f.g. to m.g. cal+/- f.g. to m.g. dol+/-f.g. to m.g. cpy+/-f.g. mo+/- f.g. to m.g. py vns cut stockwork. Average widths of later vns 0.3-1cm, up to 2.5cm. Open space filling and drusy text common. Vns more commonly mineralized than not, cpy+mo abundance in vns increases with depth. Rare to minor, 0.5-2cm wide m.g. to c.g. cal+/-or dol+/-cpy+/-py.						
			160.42-169.17m: Fining of litho to f.g., fsp phenos apparently absent/difficult to observe. Bleached, light tan grey color. Weak to mod propylitic alt. Pervasive healed fractures, locld brecciation with partial annealing in some portions, abnt white clay filled fracs. Locd weak foliation. 14 cm fault gouge at 168.86m. Shear zone? Decreased mineralization for this interval.						
			167.85-168.08m: Bleached pink brown-tan aphanitic intermediate dyke with minor m.g. qtz filled amygdules. Ctcs 45 °tca.						
			168.86m-185.18m: Pale green grey with locally sooty sections. Mod propylitic alteration with weak to mod silicification of gdmass. Pale green fsp phenos partially altered to sericite/clay. Locally pitted sections common, minor fracs have 0.5-1.0cm gouge filling. Inc mo abundance in this interval.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								167.65	168.08	dyke	45		Aph intermediate dyke with minor amygdules
185.18	206.78		vw		w	vw-w	Very weak to weak potassic alteration with						
							weak silicification and very weak to weak	168.86	168.86	fault	45	strong	14cm gouge.
							propylitic overprint. Light grey buff, pale						
							green grey where propylitic alt overprint	237.10	237.10	fault	40	strong	2cm fault gouge.
							is stronger. Minor, small pink-brown sections						
							with complete sericite/clay alt of fsp phenos	254.10	254.78	fault	65-70	mod	Strong brecciation, 3-5cm gouge @ ctcs.
							suggest locld weak phyllic overprint. Locld						
							sooty-speckled appearance.	313.91	313.91	ctc	10	sharp	Planar lithological ctc.
206.78	211.45		w		m	w	Pink brown.Weak potassic alt, mod silicified						
							gdmass. Minor 14-15cm sections with 3-5%						
							m.g. to c.g, suh to euh bio and coarser						
							(commonly 3-5mm) suh to euh fsp phenos						
							completely altered to sericite/clay. Such						
							sections suggest mod pot alt overprinted by						
							mod phyllic alt.						
211.45	252.80		w		m	w	Similar to alteration described @ 185.18-						
							206.78m. Complete sericite/clay alt of fsp						
							phenos throughout interval, suggesting perv						
							weak phyllic alt overprint. Sooty-speckled						
							intervals more common.						
252.80	259.70				w-m	vw	Vw potassic alt overprinted by weak, locally						
							mod propyltic alt. Weak to mod silicification						
							of gdmass.						
259.70	264.53					vw-w	Pale pink grey-pink brown. Very weak to weak						
							potassic alt. Mod to strong silicification of						
							gdmass. Coarsening of fsp phenos, 3-5mm						
							size very common. Weak to mod phyllic						
							overprint suggested by complete sericite/						
							clay alt of fsp phenos.						
264.53	313.91						Similar to alteration described @185.18-						
							206.78m. Silicification locally increases to						

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			252.80-259.70m: Vw potassic alt overprinted by weak, locally mod propylitic alt. Weak to mod silicification of gdmass, perv chloritized mafics. Increased abundance of f.g. submet, med grey specks results in overall sooty appearance. Mo abundance increases to 1-2%, Fault zone from 254.10m to 254.78m, strong brecciation with 3-5 cm gouge @ ctcs. Few drusy text, m.g to c.g., euh dol vns, some with ang						
			225.12m-255.74m. Minor 0.3-2.5cm c.g. qtz-f.g. mo-f..g cpy+/-f.g. to m.g dol vns with 3-4% mo, 1% cpy from 257.00-258.33m.						
			313.64-313.91m: Abnt m.g. to c.g., pale yellow white, suh dol+/-f.g. white cal stockwork and breccia vns proximal to ctc with basaltic dyke.						
313.91	319.57	basalt dyke	Amygdaloidal Basaltic Dyke	313.91	319.57				No visible mineralization
			Massive, aphanitic, dk grey black. Color bleaching approaching ctcs grades from med to very pale green. 5% round to ovoid, 1-4mm qtz+/or cal filled, locally concentric amygdules. Amygdules dec in size and abundance approaching ctcs. Wk-mod propylitic alt, strongest proximal to ctcs. Mod abnt secondary cal in gdmass, determined by degree of HCl effervescence. Strongly magnetic. Minor 1-3mm, randomly oriented f.g cal+/- f.g qtz vns. No visible mineralization. 3.5 cm wide, green grey qtz fsp porphyry dyklet @314.70m, 15 °tca.						
319.57	411.59	qtz mnz	Porphyritic Qtz Mnz with Variable Potassic Alteration	319.57	411.59	1-2	1-2	<1	Sulphides are disseminated throughout rock, pref to mafic sites, also within weak vnlet stockwork and late qtz-carb openspace med grained vns. Cpy is diss>vn, diss are 1-2mm, more coarse proximal and within vns, locally forms dendritic texture within matrix of qtz mnz. Cpy appears more abundant where rock is darker, silica? Py is diss>, v fine 1mm diss, more coarse on frct faces and within later qtz-carb vns. Mo is most abundant within later qtz-carb vns, also diss within qtz mnz, locally up to 2% mo. Mo is finer grained than cpy-py.
			Pink-buff to gry-black, locally green variably potassic-phyllic to locally propylitic alteration. Propylitic alt is mod at upper cnt proximal to basalt dyk, dominantly vw - w potassic alt with w-m silicification and local sericite/clay alt of flds where there appears to be a later sericite overprint. Propylitic alt increases towards lower cnt. Flds phenos are sub-euhedral, 1-3mm, make up 10-15% of the unit. Flds are sausseritized at upper cnt, commonly sericite/clay alt, locally silicified and appear ghost like.						
			Sulphides are diss throughout the rock, also within vw-w stockwork vnlets and later qtz-carb vns. Diss>vns, py > cpy through upper 7-8m, cpy>/=py over remaining unit. Mo is also diss through the qtz mnz, preferentially within later qtz-carb vns, up to 2% locally.						At the upper 7-8m py>cpy, over the remaining unit, cpy>/=py.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							mod, phyllic alt overprint rare to absent.						
							Pervasive weak to mod sooty appearance.						
313.91	319.57						Wk to mod propylitic alt, strongest @ ctcs.	319.57	319.57	ctc	15	sharp	Planar lithological ctc
319.57	321.46	vw	vw		?		Weak propylitic alt overprinting weak potss	319.57	411.59	stkwk	random	2-4%	Vw to w stockwork, 1-2mm veinlets with random orientation, finely diss cpy-py +/-mo occur within the vnlets.
							alt, flds phenos are sausseritized.						
319.57	353.11	vw	vw		vw-w	vw-w	Very wk to wk potassic alt, pink-buff to med						Later qtz-carb veins +/- calc +/- cpy +/- py +/- mo, often open space filling and vuggy. Med- crs grained, rare
							gry in color. Weak magnetism, darker						
							intervals appear more silicified with more	319.57	411.59	vns	25-30	2-5%	Open space filling qtz - calcite vn, coarse black-silver mineral, 6-7 hardness, somewhat flashy, cubic? hematite? More abundant mo and cpy in this area.
							abundant sulphides.						
							Local 0.3-1m intervals of propylitic alt						
353.11	388.59	vw	vw		w	w-m	Weak to mod potassic alt, local darker int						Weak fractures, sericite is common on faces, also sulphides, pref py. Fracture set steeper to core axis is rougher with weaker coatings.
							appear to have black mineral (mag+bt?+sil?)	459.93	459.96	vns	30		
							"flooding" through the matrix. K-spar locally						
							is more abundant and forms 2-4cm pink						
							k-spar bands. Locally flds phenos are						
							sericite/clay replaced, less sausseritization.	319.57	411.59	frct	25-30	2-3%	
388.59	411.59	vw	vw		vw	vw	Very weak potassic alt with a weak propylitic				45-60		
							overprint, sericite on fractures. Flds cmmly						

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Vw to w randomly oriented stockwork, 1-2mm veinlets with py - cpy, stockwork makes up 2-4% of the unit. Later qtz+/- dol+/-calc +/- sulph make up 2-5% of the unit, commonly open space filling and vuggy. Sulphides are more coarse within these vns.						Macro photos at 360m, bx84.
			At 356.61-356.71m small brown-gry flds pph qtz mnz dyke @ 40tca.						
411.59	426.66	qtz mnz	Flds Porphyritic Qtz Monzonite with Pervasive Alteration	411.59	426.66	1-2	1	tr?	Sulphides are diss throughout the rock, form 2-4mm blebs where it forms in the matrix at crystal margins. Diss</=vns, veinlets are 1-2mm qtz +/- sulphides, coarser sulphides associated with later open space filling qtz - dol -calc veins. Locally strongly magnetic, weak-mod over the whole unit.
			Dark gry-blk with lesser pink and green. Alteration is strong and locally gives a brecciated appearance due to bt +/- mag flooding within groundmass, some clasts? Or enclaves? Appears to be a wk foliation at the upper contact parallel to a small 1-2mm veinlet which marks the apparent contact.						
			Flds phenos are sub-euhedral, 2-3mm, making up locally 30-35% of the unit, 20% of the whole unit. Flds are commonly alt to sericite/clay, locally silicified and indistinct. The color variation gives this interval a distinct appearance, very mottled. Lower contact is gradational marked at the end of a strongly pot+propy? band/vn.						
			2-5% 1-2mm biotite phenos through more silicified intervals, sub - euhedral.						
426.66	502.13	qtz mnz	Flds Porphyritic Qtz Monzonite with Strong Potassic Alteration	426.66		1-2	1	tr	Sulphides are diss throughout the interval, pref within qtz-dol +/- calc veins. Py is dominant over the entire interval, cpy is locally more abundant in intervals of stronger silicification and potassic alt within fluorite vns. Mo is locally within qtz-dol +/- calc veins and diss within mnz proximal to these vns.
	EOH		Dark gry-blk with pink bands of k-spar, locally flds phenos are sericite/clay alt giving a salt and pepper appearance. Alteration alternates between moderate potassic alt intervals with m-st silicification + local 2-5cm k-spar bands/vns and weak to mod propylitic alt, sericite/clay alt of the flds, local sausseritization.						
			Flds phenos are sub-euhedral, 2-3mm making up 25-35% of the unit. Flds are silicified, sericite/clay alt and locally sausseritized. Bt phenos are also locally observed, 3-5% 1-2mm sub-euhedral phenos are black-brn, most evident within more silicified intervals.						
			Sulphides are diss throughout mnz, preferentially with qtz-dol+/-calc veins, also form weak coatings on fracture faces. Py>cpy, cpy pref						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							sericite/clay replaced, less sausseritized.						
411.59	426.66	vw	vw	m	m-s	m	Alteration varies greatly over this unit,	411.59	426.66	vn	25-30	2-4%	Late qtz-dol-calc veins, local breccia, commonly open
							locally minty green alt = propylitic,						space filling with slightly coarser sulphides.
							flds phenos are commonly sericite/clay alt						
							or silicified and indistinct. Locally	424.35	426.66	bnd	15-25		K-spar bands/vns, 2-3cm wide, some sulphides at
							silicification is strong and associated with						margins, local qtz in core of band.
							magnetite, as well as k-spar bands of						
							alteration.	424.16	424.18	vn	27		Purple fluorite vn, 2-3% associated cpy.
							Locally biotite 'flooding' gives a brecciated						
							appearance within the qtz mnz.						
426.66	469.45	vw	vw	w-m	m-st	m-st	Dominantly blk potassic alt with mod-strong	426.66	487.96	bnd	25-30	5%	K-spar bands/vns, more common within mod silicified
							silicification, 1-4cm bands of k-spar lt/vns.						intervals, 2-4cm wide, locally associated qtz+/-
							Later 1-2m propylitically alt where silicification						sulphides.
							was weaker, gives a greenish appearance.	426.66	502.01	vn	40-50	3-4%	Late qtz-dol +/- calc veins, often open space filling with
							flds phenos are sericite/clay alt or locally				0-10		drusy texture. 1-2% associated py-cpy +/- mo.
							sausseritized				20-30		Most commonly 40-50 tca, appear to be more
469.45	476.30	w	w			w	Green gry propylitic alt, flds alt to clay/sericite,						abundant where potassic alt and silification are
							select sausseritized. K-spar bands still observed						weaker.
							propylitic alt overprinting potassic. Qtz-dol+/-	426.66	502.01	vn	25-40	2%	Fluorite veins, with 2-3% cpy, cpy is in 2-4mm blebs
							calc open space filling veins appear to be more						these veins are more abundant within stronger
							abundant through this interval.						potassically alt intervals.
476.30	487.96	vw	vw	w-m	m	m	Weak to moderate potassic alt, mod silicification						
							Pervasive k-spar bands as well as local potassium						
							replacement in the matrix. Some sericite/clay alt						
							of select phenos.						

Lions Gate Metals

Hole ID: 11-PC-99			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			associated with small fluorite vns,						

Lions Gate Metals

[illegible]

		HOLE ID: 11-PC-99			Geotechnical Data			
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
7.32	8.23	0.91	0.45	49	0.34	37		
8.23	11.28	3.05	0.92	30	0.73	24		
11.28	14.33	3.05	3.03	99	1.81	59		
14.33	17.37	3.04	2.95	97	2.18	72		
17.37	20.42	3.05	3.02	99	1.98	65		
20.42	23.47	3.05	3.05	100	2.40	79		
23.47	26.52	3.05	3.02	99	2.34	77		
26.52	29.57	3.05	3.01	99	2.27	74		
29.57	32.61	3.04	3.02	99	2.68	88		
32.61	35.66	3.05	3.00	98	2.93	96		
35.66	38.71	3.05	3.04	100	2.49	82		
38.71	41.76	3.05	3.01	99	2.78	91		
41.76	44.81	3.05	3.00	98	2.82	92		
44.81	47.85	3.04	3.02	99	2.51	83		
47.85	50.90	3.05	2.97	97	2.64	87		
50.90	53.95	3.05	3.00	98	2.24	73		
53.95	57.00	3.05	3.01	99	2.32	76		
57.00	57.93	0.93	0.90	97	0.76	82		
57.93	60.05	2.12	1.69	80	1.21	57		HQ to NQ @ 57.93m
60.05	63.09	3.04	2.93	96	2.15	71		
63.09	66.14	3.05	2.76	90	0.53	17		
66.14	69.19	3.05	3.00	98	1.26	41		
69.19	72.24	3.05	2.60	85	0.39	13		fractured @ lower run=poor reco
72.24	75.29	3.05	2.45	80	1.88	62		rounded core @ top of run
75.29	78.33	3.04	2.92	96	1.66	55		
78.33	81.38	3.05	2.91	95	2.05	67		
81.38	84.43	3.05	2.93	96	2.38	78		
84.43	87.48	3.05	3.04	100	2.14	70		
87.48	90.53	3.05	3.05	100	2.05	67		fractured @ lower run
90.53	93.57	3.04	3.02	99	1.74	57		
93.57	96.62	3.05	2.98	98	2.63	86		
96.62	99.67	3.05	2.93	96	2.16	71		
99.67	102.72	3.05	3.02	99	1.74	57		
102.72	105.77	3.05	3.02	99	2.48	81		
105.77	108.81	3.04	3.01	99	1.06	35		
108.81	111.86	3.05	3.05	100	2.12	70		
111.86	114.91	3.05	3.00	98	2.71	89		
114.91	117.96	3.05	3.04	100	2.09	69		
117.96	121.01	3.05	2.90	95	1.46	48		
121.01	124.05	3.04	3.03	100	2.87	94		
124.05	127.10	3.05	3.04	100	2.78	91		
127.10	130.15	3.05	3.00	98	2.89	95		
130.15	133.20	3.05	3.01	99	2.46	81		
133.20	136.25	3.05	2.96	97	1.78	58		fractured middle of run
136.25	139.29	3.04	3.00	99	2.59	85		
139.29	142.34	3.05	3.05	100	1.62	53		
142.34	145.39	3.05	2.97	97	2.05	67		
145.39	148.44	3.05	2.92	96	1.38	45		
148.44	151.49	3.05	2.94	96	1.80	59		
151.49	154.53	3.04	2.80	92	1.78	59		fractured mid run=poor recovery
154.53	157.58	3.05	2.91	95	1.90	62		
157.58	160.63	3.05	3.03	99	2.64	87		
160.63	163.68	3.05	3.04	100	2.75	90		
163.68	166.75	3.07	3.02	98	2.69	88		
166.75	169.77	3.02	3.03	100	2.53	84		
169.77	172.82	3.05	2.90	95	2.37	78		
172.82	175.87	3.05	2.95	97	2.47	81		
175.87	178.92	3.05	3.05	100	2.36	77		
178.92	181.97	3.05	2.93	96	2.35	77		

		HOLE ID: 11-PC-99			Geotechnical Data			
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
181.97	185.01	3.04	2.86	94	1.98	65		
185.01	188.06	3.05	3.01	99	1.19	39		fragmented rock throughout run
188.06	191.11	3.05	2.99	98	2.05	67		
191.11	194.16	3.05	3.00	98	1.39	46		
194.16	197.21	3.05	3.00	98	2.06	68		
197.21	200.25	3.04	2.99	98	1.51	50		
200.25	203.30	3.05	3.04	100	2.64	87		
203.30	206.35	3.05	3.00	98	2.67	88		
206.35	209.40	3.05	2.93	96	1.93	63		
209.40	212.45	3.05	2.98	98	1.91	63		
212.45	215.49	3.04	3.13	103	1.88	62		not enough core, moved 707 block
215.49	218.54	3.05	3.12	102	1.23	40		too much core, moved 707 & 708 blocks
218.54	221.59	3.05	3.13	103	2.25	74		not enough core, moved 708 block
221.59	224.64	3.05	3.05	100	1.92	63		
224.64	227.69	3.05	3.01	99	2.60	85		
227.69	230.73	3.04	2.99	98	2.36	78		
230.73	233.78	3.05	3.00	98	2.55	84		
233.78	236.83	3.05	2.99	98	2.63	86		
236.83	239.88	3.05	3.05	100	2.43	80		
239.88	242.93	3.05	2.98	98	2.42	79		
242.93	245.97	3.04	3.08	101	2.78	91		
245.97	249.02	3.05	3.05	100	2.60	85		
249.02	252.07	3.05	3.08	101	2.62	86		
252.07	255.12	3.05	2.95	97	2.38	78		
255.12	258.17	3.05	3.06	100	2.94	96		
258.17	261.21	3.04	3.00	99	2.71	89		
261.21	264.26	3.05	2.98	98	2.30	75		
264.26	267.31	3.05	3.02	99	2.53	83		
267.31	270.38	3.07	3.03	99	2.73	89		
270.38	273.41	3.03	2.97	98	2.64	87		
273.41	276.45	3.04	3.03	100	2.69	88		
276.45	279.50	3.05	3.05	100	1.75	57		
279.50	282.55	3.05	3.08	101	2.85	93		
282.55	285.60	3.05	3.00	98	2.98	98		
285.60	288.65	3.05	3.03	99	2.78	91		
288.65	291.69	3.04	3.01	99	2.69	88		
291.69	294.74	3.05	3.01	99	2.35	77		
294.74	297.79	3.05	3.07	101	2.60	85		
297.79	300.84	3.05	3.00	98	2.57	84		
300.84	303.09	2.25	3.04	135	1.86	83		
303.09	306.13	3.04	3.05	100	1.94	64		
306.13	309.98	3.85	3.04	79	2.78	72		
309.98	313.63	3.65	2.97	81	2.42	66		
313.63	316.08	2.45	2.96	121	2.46	100		
316.08	319.13	3.05	2.94	96	2.35	77		
319.13	322.17	3.04	2.97	98	2.06	68		
322.17	325.22	3.05	2.96	97	2.60	85		
325.22	328.27	3.05	3.01	99	1.16	38		moderate fractures end of run
328.27	331.32	3.05	3.05	100	2.07	68		
331.32	334.37	3.05	3.05	100	1.65	54		
334.37	337.41	3.04	3.06	101	1.73	57		
337.41	340.46	3.05	2.95	97	1.59	52		
340.46	343.51	3.05	3.05	100	2.54	83		
343.51	346.56	3.05	2.98	98	2.39	78		
346.56	349.61	3.05	2.96	97	1.82	60		
349.61	352.65	3.04	2.98	98	2.10	69		
352.65	355.70	3.05	3.02	99	2.30	75		
355.70	358.75	3.05	3.04	100	2.62	86		
358.75	361.80	3.05	3.06	100	2.89	95		

		HOLE ID: 11-PC-99			Geotechnical Data			
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
361.80	364.85	3.05	3.00	98	2.51	82		
364.85	367.89	3.04	3.03	100	2.25	74		
367.89	370.94	3.05	2.92	96	1.97	65		
370.94	373.99	3.05	3.04	100	2.11	69		
373.99	377.04	3.05	3.02	99	2.92	96		
377.04	380.09	3.05	2.98	98	2.52	83		
380.09	383.13	3.04	3.02	99	2.38	78		
383.13	386.18	3.05	3.04	100	2.14	70		
386.18	389.23	3.05	3.02	99	1.81	59		
389.23	392.28	3.05	3.06	100	2.65	87		
392.28	395.33	3.05	2.98	98	2.16	71		
395.33	398.37	3.04	2.97	98	2.17	71		
398.37	401.42	3.05	3.00	98	2.36	77		
401.42	404.47	3.05	2.99	98	2.48	81		
404.47	407.52	3.05	3.02	99	2.46	81		
407.52	410.57	3.05	3.00	98	2.53	83		
410.57	413.61	3.04	3.01	99	2.67	88		
413.61	416.66	3.05	2.94	96	1.95	64		
416.66	419.71	3.05	2.94	96	2.11	69		
419.71	422.76	3.05	3.03	99	2.56	84		
422.76	425.81	3.05	3.03	99	2.59	85		
425.81	428.85	3.04	3.02	99	2.75	90		
428.85	431.90	3.05	3.01	99	2.59	85		
431.90	434.95	3.05	3.06	100	2.19	72		
434.95	438.00	3.05	3.00	98	1.58	52		
438.00	441.05	3.05	3.05	100	1.30	43		
441.05	444.09	3.04	3.09	102	2.56	84		
444.09	447.14	3.05	2.97	97	2.15	70		
447.14	450.19	3.05	3.04	100	1.96	64		
450.19	453.24	3.05	2.99	98	2.53	83		
453.24	456.29	3.05	3.08	101	3.05	100		
456.29	459.33	3.04	3.03	100	2.87	94		
459.33	462.38	3.05	3.06	100	2.29	75		
462.38	465.43	3.05	3.10	102	2.87	94		
465.43	468.48	3.05	2.96	97	1.95	64		
468.48	471.53	3.05	3.05	100	2.46	81		
471.53	474.57	3.04	2.90	95	2.09	69		
474.57	477.62	3.05	3.05	100	2.80	92		
477.62	480.67	3.05	3.07	101	2.48	81		
480.67	483.72	3.05	3.04	100	2.42	79		
483.72	486.77	3.05	3.02	99	2.32	76		
486.77	489.91	3.14	2.97	95	2.53	81		
489.91	492.86	2.95	2.92	99	2.30	78		
492.86	495.91	3.05	3.08	101	2.54	83		
495.91	498.96	3.05	3.09	101	2.46	81		
498.96	502.01	3.05	3.01	99	2.83	93	EOH	

Hole ID: 11-PC-99		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045401	10.53	11.40	0.87		1
1045402	11.40	14.40	3.00		1-2
1045403	14.40	17.40	3.00		2-3
1045404	17.40	20.40	3.00		3-4
1045405				Std CDN-FCM-07	
1045406	20.40	23.40	3.00		3-4
1045407	23.40	26.40	3.00		5-6
1045408	26.40	29.40	3.00		6-7
1045409	29.40	32.40	3.00		7-8
1045410				Blank	
1045411	32.40	35.40	3.00		8
1045412	35.40	38.40	3.00		8-9
1045413	38.40	41.40	3.00		9-10
1045414	38.40	41.40	3.00	Duplicate	9-10
1045415	41.40	44.40	3.00		10-11
1045416	44.40	47.20	2.80		11-12
1045417	47.40	50.40	3.00		12-13
1045418	50.40	53.60	3.20		13-14
1045419	53.60	56.60	3.00		14-15
1045420	56.60	59.60	3.00		15-16
1045421	59.60	62.60	3.00		16
1045422	62.60	65.60	3.00		16-17
1045423	65.60	67.90	2.30		17-18
1045424	67.90	70.90	3.00		18
1045425	70.90	73.90	3.00		18-19
1045426	73.90	76.90	3.00		19-20
1045427	76.90	79.90	3.00		20
1045428				Std CDN-CGS-27	
1045429	79.90	82.90	3.00		20-21
1045430	82.90	85.90	3.00		21-22
1045431	85.90	89.35	3.45		22
1045432	89.35	92.35	3.00		22-23
1045433				Blank	
1045434	92.35	95.35	3.00		23-24
1045435	95.35	98.35	3.00		24-25
1045436	98.35	101.35	3.00		25
1045437	98.35	101.35	3.00	Duplicate	25
1045438	101.35	104.35	3.00		25-26
1045439	104.35	107.35	3.00		26-27
1045440	107.35	110.35	3.00		27
1045441	110.35	113.35	3.00		27-28
1045442	113.35	116.35	3.00		28-29
1045443	116.35	119.35	3.00		29
1045444				Std CDN-FCM-07	
1045445	119.35	122.35	3.00		29-30
1045446	122.35	125.35	3.00		30-31
1045447	125.35	128.35	3.00		31
1045448	128.35	131.35	3.00		31-32
1045449	131.35	134.35	3.00		32-33
1045450	134.35	137.35	3.00		33-34
1045451	137.35	139.80	2.45		34
1045452				Blank	
1045453	139.80	142.80	3.00		34-35
1045454	142.80	145.80	3.00		35
1045455	145.80	148.80	3.00		35-36
1045456	148.80	151.80	3.00		36-37
1045457	148.80	151.80	3.00	Duplicate	36-37
1045458	151.80	154.80	3.00		37-38

Hole ID: 11-PC-99		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045459	154.80	157.80	3.00		38
1045460	157.80	160.42	2.62		38-39
1045461	160.42	163.42	3.00		39-40
1045462	163.42	166.42	3.00		40
1045463	166.42	169.42	3.00		40-41
1045464	169.42	172.42	3.00		41-42
1045465				Std CDN-CGS-27	
1045466	172.42	175.42	3.00		42
1045467	175.42	178.42	3.00		42-43
1045468	178.42	181.42	3.00		43-44
1045469	181.42	184.42	3.00		44
1045470	184.42	187.42	3.00		44-45
1045471	187.42	190.42	3.00		45-46
1045472	190.42	193.42	3.00		46
1045473	193.42	196.42	3.00		46-47
1045474	196.42	199.42	3.00		47-48
1045475				Blank	
1045476	199.42	202.42	3.00		48-49
1045477	202.42	205.42	3.00		49
1045478	205.42	208.42	3.00		49-50
1045479	205.42	208.42	3.00	Duplicate	49-50
1045480	208.42	211.42	3.00		50-51
1045481	211.42	214.42	3.00		51
1045482	214.42	216.00	1.58		51-52
1045483	216.00	217.42	1.42		52
1045484	217.42	220.42	3.00		52-53
1045485	220.42	223.42	3.00		53
1045486				Std CDN-CM-08	
1045487	223.42	226.42	3.00		53-54
1045488	226.42	229.42	3.00		54-55
1045489	229.42	232.42	3.00		55
1045490	232.42	235.42	3.00		55-56
1045491				Blank	
1045492	235.42	238.42	3.00		56-57
1045493	238.42	241.42	3.00		57
1045494	241.42	244.42	3.00		57-58
1045495	244.42	247.42	3.00		58-59
1045496	244.42	247.42	3.00	Duplicate	58-59
1045497	247.42	250.42	3.00		59
1045498	250.42	253.42	3.00		59-60
1045499	253.42	256.42	3.00		60-61
1045500	256.42	259.42	3.00		61
1045501	259.42	262.42	3.00		61-62
1045502	262.42	265.42	3.00		62-63
1045503	265.42	268.42	3.00		63
1045504	268.42	271.42	3.00		63-64
1045505	271.42	274.42	3.00		64-65
1045506	274.42	277.42	3.00		65
1045507				Std CDN-FCM-07	
1045508	277.42	280.42	3.00		65-66
1045509	280.42	283.42	3.00		66-67
1045510	283.42	286.42	3.00		67
1045511	286.42	289.42	3.00		67-68
1045512				Blank	
1045513	289.42	292.42	3.00		68-69
1045514	292.42	295.42	3.00		69-70
1045515	295.42	298.42	3.00		70
1045516	298.42	301.42	3.00		70-71

Hole ID: 11-PC-99		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045517	301.42	304.42	3.00		71-72
1045518	304.42	307.42	3.00		72
1045519	304.42	307.42	3.00	Duplicate	72
1045520	307.42	310.42	3.00		72-73
1045521	310.42	313.91	3.49		73-74
1045522	313.91	316.91	3.00		74
1045523	316.91	319.57	2.66		74-75
1045524	319.57	322.57	3.00		75-76
1045525	322.57	325.57	3.00		76
1045526	325.57	328.57	3.00		76-77
1045527	328.57	331.57	3.00		77-78
1045528	328.57	331.57	3.00	Duplicate	77-78
1045529	331.57	334.57	3.00		78
1045530	334.57	337.57	3.00		78-79
1045531				Blank	
1045532	337.57	340.57	3.00		79-80
1045533	340.57	343.57	3.00		80
1045534	343.57	346.57	3.00		80-81
1045535	346.57	349.57	3.00		81-82
1045536	349.57	352.57	3.00		82
1045537				Std CDN-FCM-07	
1045538	352.57	355.57	3.00		82-83
1045539	355.57	358.57	3.00		83-84
1045540	358.57	361.57	3.00		84
1045541	361.57	364.57	3.00		84-85
1045542	364.57	367.57	3.00		85-86
1045543	367.57	370.57	3.00		86
1045544	370.57	373.57	3.00		86-87
1045545	373.57	376.57	3.00		87-88
1045546	376.57	379.57	3.00		88
1045547	376.57	379.57	3.00	Duplicate	88
1045548	379.57	382.57	3.00		88-89
1045549	382.57	385.57	3.00		89-90
1045550	385.57	388.57	3.00		90
1045551	388.57	391.57	3.00		90-91
1045552	391.57	394.57	3.00		91-92
1045553	394.57	397.57	3.00		92
1045554				Blank	
1045555	397.57	400.57	3.00		92-93
1045556	400.57	403.57	3.00		93-94
1045557	403.57	406.57	3.00		94
1045558				Std CDN-CGS-27	
1045559	406.57	409.57	3.00		94-95
1045560	409.57	411.59	2.02		95
1045561	411.59	414.59	3.00		95-96
1045562	414.59	417.59	3.00		96-97
1045563	417.59	420.59	3.00		97
1045564	420.59	423.59	3.00		97-98
1045565	423.59	426.66	3.07		98-99
1045566	426.66	429.66	3.00		99
1045567	429.66	432.66	3.00		99-100
1045568	432.66	435.66	3.00		100-101
1045569	432.66	435.66	3.00	Duplicate	100-101
1045570	435.66	438.66	3.00		101
1045571	438.66	441.66	3.00		101-102
1045572				Blank	
1045573	441.66	444.66	3.00		102-103
1045574	444.66	447.66	3.00		103

Hole ID: 11-PC-99		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045575	447.66	450.66	3.00		103-104
1045576	450.66	453.66	3.00		104-105
1045577				Std CND-CGS-27	
1045578	453.66	456.66	3.00		105
1045579	456.66	459.66	3.00		105-106
1045580	459.66	462.66	3.00		106-107
1045581	462.66	465.66	3.00		107
1045582	465.66	468.66	3.00		107-108
1045583	468.66	471.66	3.00		108-109
1045584	471.66	474.66	3.00		109
1045585	471.66	474.66	3.00	Duplicate	109
1045586	474.66	477.66	3.00		109-110
1045587	477.66	480.66	3.00		110-111
1045588	480.66	483.66	3.00		111
1045589				Blank	
1045590	483.66	486.66	3.00		111-112
1045591	486.66	489.66	3.00		112
1045592	489.66	492.66	3.00		112-113
1045593	492.66	495.66	3.00		113-114
1045594	495.66	498.66	3.00		114-115
1045595	498.66	502.01	3.35	EOH	115

2011 Poplar Drilling

Hole ID: 11-PC-100	Easting (NAD 83): 631797	Core Size: HQ & NQ	DDH Started: Sept 7 2011
	Northing (NAD 83): 5986659	Hole Azimuth: 356	DDH Finished: Sept 13 2011
Property: Poplar Deposit	Elevation: 892 m	Hole Angle: -72	Log Completed: Sept 20 2011
	Source: GPS	Total Depth: 553.82 m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A.Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
99.70	359.1	-71.9
200.30	1.7	-71.3
303.96	6.7	-70.9
407.62	13.1	-70.2
502.13	18.6	-69.3
553.82	20.8	-68.8

Summary: This drillhole was designed to test the area between the eastern and western 0.4%Cu zone, also it should end near the high grade zone of 11-PC-84 at depth. Drillholes 11-PC-101, 11-PC-98, 11-PC-102 and 11-PC-103 are parallel to the west. The hole was steepend to -70 to better test the area. The lithology is dominated by very fine grained massive and locally weakly bedded volcinc sediments, fld porphyritic quartz monzanite makes up about 1/4 of the hole, qtz eye rhyolite dykes are common through the lower portion of the hole and make up another 1/4 of the drillhole. Late intermediate to mafic dykes are rare. Both the volcanic and qtz monzanite are mineralized, trc cpy is observed throughout the hole from 4.27m to depth. Cpy mineralization apparently becomes more abundant from 400 to 544m. Mineralization within the volcanics are dominantly within moderate late stockwork which makes up 4-5% of the unit locally up to 10%. Sulphides are observed dominantly diss throughout the qtz mnz and in both the intrusive and the country rock cpy and mo are preferentially observed within late veins. Late rhyolite and int-mafic dykes are unmineralized. The hole deviated from 356 to 20.8 a total of nearly 25 degrees to the east, the hole shallowed from -72 to -68.8 a total of 4.8 degrees.
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Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
4.27	18.31	w	w		vw		Alteration is dominated by propylitic alt where mafic site are alt to chlorite? imparting a blotchy or spotted appearance within the unit. Fractures have a weak clay or sericite coating. Flds phenos are commonly alt to clay or sericite. Also weak iron staining on fractures over the upper 10m.	4.27	18.31	vn	5-15	3-5%	Late qtz - dol +/- calc veins with open space, drusy texture. Locally med-crs py wtihin veins.
								4.27	18.31	frct	30-50 65-70	5%	Fractures commonly have weak clay, sericite coatings and are fe stained over the upper 10m. Fracture set that is steeper to coare axis has very weak to no coatings.
								18.29	18.31	flt	60	w-m	Fault at the contact of qtz mnz and volc seds, 2cm grey coarse gouge,intrusive rock is gouged, volc seds appear w-m silicified.
18.31	31.62	vw	vw		w-m		Rock is weakly to moderately silicified over this interval, darker gry-brn, 5-7% 1mm qtz +/-py+/-cpy, random orientation. Rock appears more massive here. Vw-w calcite+/- sulph coatings on fractures.	18.31	120.12	bd	45-50	w	Weak to locally moderate bedding, dominantly 50 tca, finer grained beds are more resistant.
								18.31	120.12	vn	5-15	2-4%	10-15mm qtz +/- dol +/- sulphides, low to core axis. Common open space filling with drusy texture.
31.62	40.77	w	w				Light gry, dirty appearance, locally blotchy or spotted = propylitic alt? Rock is softer, weak clay/sericite coatings on fractures,	40.77	55.27	shr z	rand	w-m	Rock is very broken, local brecciation, some annealed with qtz-dol, clay alteration is mod here and select fractures have sericite coatings.
													Locally faulted with 5-15mm of gouge, propylitic alt appears dominant through this interval.
40.77	55.27	w-m	w				Propylitic - argillic alt, rock appears to have undergone weak shearing, increased clay alt on fractures, select have sericite weak sericite coatings. Rock has an overall grn brn color.	74.56	74.72	flt	10-15	mod	Small 10mm flt with wet med grained gouge, subparallel qtz - dol -py +/-cpy vein. Some weak clast supported annealed breccia from shearing?
55.27	88.04	vw	vw		w		Rock is weakly silicified, more competant than previous interval. Locally propylitic alt imparts a spotted appearance. Very weak sericite/clay coatings on fractures.						
88.04	108.94	vw	vw		w-m		Rock has a very mottled appearance over this interval, appears to be more broken						

Lions Gate Metals

Hole ID: 11-PC-100			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
120.12	122.12	qtz mnz	Flds Porphyritic Qtz Monzanite	120.12	122.12	2	tr	?	Sulphides are diss throughout the unit, very
									few veins. Diss>>vns, py is 1-2mm and appears
			Light grey flds pph qtz mnz, flds are subhedral 2-3mm, making up						to occur at relict mafic site.
			20-25% of the unit. Select phenos are weakly clay/sericite alt.						
			Weakly silicified, vw potassic alt? weak clay/ sericite coatings on						
			fractures.						
			Sulphides are diss throughout the rock diss>>vns.						
122.12	150.30	volc	Weakly Bedded Volcanic Seds	122.12	150.30	1-3	<1	tr	Sulphides are diss throughout, also associated
									with weak-mod stockwork and fractures.
			Med brn very fine grained locally bedded volc sediments,						Diss > vns, mo is preferenitally within late
			beds are 5-10mm up to 25mm . Weak silicification over the unit,						qtz-anhydrite? vns. Cpy is also locally more
			local propylitic? grn chlorite? Proximal to shearing or abundant						preferential to late vns.
			vning.						
			Weak qtz stockwork, sulphides are associated with the stockwork						
			as well as diss throughout the rock, 1-3% py +/- <1% cpy and trc mo.						
			Diss>vns, mo is preferential to late qtz vns.						
			Three small breccia dykes with sed and mnz clasts, fine grained qtz						
			pph matrix, sulphides associated with late qtz vns.						
150.30	152.40	qtz mnz	Flds Porphyritic Qtz Monzanite Dyke	150.30	152.40	1-3	?		Sulphides are v finely diss throughout, pref
									within clorite alt areas and late qtz vns.
			Medium brn-white fls pph qtz mnz, flds are sub-euhedral, 1 up to 3mm						Also associated with 1-2% mm qtz stockwork
			making up 20-25% of the interval. Weak to moderate silicification						No observed mo.
			with chlorite alt envelopes around vns and frcts.						
			Upper contact is sharp and subparallel to bedding within seds.						
			Sulphides are diss throughout, preferentially within the chlorite						
			alt areas						
			Weak qtz stockwork 1-2% of the unit, qtz +/- sulphides in 1-3mm vnlets						
152.40	178.82	volc	Massive Very Fine Grained Volc Sediment	152.40	178.82	2-3	tr	tr	Sulphides are diss throughout the rock, diss=vn
									sulphides are also observed within the stwk

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							as well. Rock is easily scratched clay alt? Light grn-brn with darker gry-grn patches.						
120.12	122.12	vw	vw		w	vw	Rock is weakly silicified, flds phenos are very weakly alt to clay/sericite. Weak clay/sericite coatings on fractures.	120.12	122.12	frct	25-30 60-75		Weak fracture sets, clay-sericite coatings on surfaces, also 2-3% py.
								122.11	122.12	cnt	50		Sharp lower contact
122.12	150.30	vw			w		Weak silicification, local chlorite? Alt halos around vns-fractures. Weak clay coatings on select fractures.	122.12	150.30	vns	50-55 20-25	1-3%	Late veins are qtz +/- anhydrite? (translucent, waxy, 3-5 hardness) +/- py-cpy-mo.
							Silicification and chlorite appear to increase with depth over this interval.	122.12	150.30	stwk		2-4%	Stockwork is randomly oriented made up of 2-10mm qtz vnlets +/- sulphides
								130.91	131.10	dyk	15		5-8cm wide breccia dyke, subangular clasts
									130.00	dyk	10		are volc seds and flds pph qtz mnz with a
									127.10				fine grained light gry matrix w/ 1mm qtz phenos, qtz replacment? x-tals are lath shaped. Late cross-cutting qtz vns +/- sulphides.
									140.00	bx	15		2-4cm wide matrix supported breccia, matrix is qtz-dol-calc with local vuggy texture, propylitic alt is more domianant in this area.
150.30	152.40	vw	vw		w		Dyke is weakly silicified with chlorite alt envelopes around vns and fractures. Flds phenos are weakly clay-sericite alt.	150.30	152.40	stwk		1-2%	Weak randomly oriented stockwork, qtz +/- sulphides, local clay alt, dominantly low tca.
152.40	178.82	vw	w		w		Rock is weakly silicified over the interval, local yellowy-grn =epidote?chlorite?	152.40	178.82	stwk		1-2%	Randomly oriented stockwork qtz+/- sulphides, clay-sericite alt within stockwork.

Lions Gate Metals

Hole ID: 11-PC-100			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Dark brn-gry to yellow-brn massive v fine grained volcanic sediment, weakly silicified over the interval with local mod-str? Propylitic alt chlorite-epidote. Bedding is not observed through this interval.						and in late qtz-anhy? Vns.
			Stockwork is randomly orientedm 1-2mm qtz+/- sulphides veinlets, 2-5% of the unit						Cpy and mo are preferential to the late veins.
			1-2% late qtz-anhyd? Vns, pref contain sulphides cpy-py-mo						
178.82	191.79	qtz mnz	Propylitic alt Flds Porphyritic Qtz Monzanite	178.82	191.79	2-3	tr	tr	Sulphides are diss throughout the rock, pref associated with chlorite alt. Also within vns
			Light grey-white flds pph qtz monzanite, locally has a spotted appearance due to chlorite alt, sulphides appear more abundant within these areas. Flds phenos are 2-3mm in size, subhedral, make up 20-30% of the unit, weakly clay-sericite alt.						and as weak coatings on fractures. Dominantly py as diss sulphides and cpy-mo are associated with late qtz-dol veins.
			Propylitic alt imparts a spotted appearance where "blotches" of mafics are chlorite alt, also propylitic envelopes around vns and fractures.Rock is easily scratched, clay-sericite alt of flds phenos and forms weak coatings on fracture faces.						diss>vns
191.79	194.39	volc	Massive Very Fine Grained Volc Sediment	191.79	194.39	2-3	tr	tr	Sulphides are diss throughout but pref in small stockwork veinlets +/-qtz and along fractures.
			Dark brn-gry to yellow-brn massive v fine grained volcanic sediment, same as 152.40-178.82m interval. Sharp upper and lower contact. Moderate silicification, mm scale stockwork makes up 5-7% imparts a mottled appearance due to bleached envelopes.						Cpy and Mo are preferentially associated with late qtz +/- anhydrite veins.
			2-3% diss sulphides pref within veins, tr cpy-mo associated with late qtz veins.						diss<vns
194.39	202.77	qtz mnz	Flds Porphyritic Qtz Monzanite	194.39	202.77	2-3	tr	tr	Sulphides are diss throughout the rock, pref associated with chlorite alt. Also within vns
			Light grey-white flds pph qtz monzanite, flds are 2-3mm, subhedral making up 20-30% of the unit, weakly clay-sericite alt. Locally flds phenos are alt to chlorite?						and as weak coatings on fractures. Dominantly py as diss sulphides and cpy-mo are associated with late qtz-dol veins.
			Propylitic alt is dominant with weak silicification over the unit.						diss>vns
			Late veins are more commonly qtz-dol than previous intervals.						
			Sulphides are dominantly diss throughout the rock, as well as on fractures and within vns.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Comments	Structure					Comments
Depth		2 nd	Serici	2 nd	2 nd	2 nd		Depth			Angle	% or	
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							propylitic alt?						
							Weak sericite-clay coatings on fracture	152.40	178.82	vn	50-55		Late qtz-dol veins domiantly 5-15mm wide,
							faces,				10-20		up to 40mm. Sulphides are commonly diss
													throughout the interval.
178.82	191.79	w	w				Propylitic alt is more dominant here, rock	178.82	191.79	vn	45-55	1%	Late qtz-dol +/-calc vns, some have open space
							is easily scratched and mafics are alt to						filling texture with coarser cpy-mo +/-py
							chlorite. Flds phenos are weakly clay-						
							sericite alt, select fracture faces have						
							weak clay-sericite coatings.						
							Lower contact is weakly silicified.						
191.79	194.39				w-m		Rock is moderately silicified is	191.79	194.39	stwk		5-7%	Randomly oriented stockwork, 1-2mm veinlets
							mottled in appearance due to bleached						some secondary clay-sericite. Stockwork is qtz
							alt envelopes around stockwork.						+/- sulphides.
								191.79		cnt	35		Sharp upper contact
								194.39		cnt	5		Sharp lower contact with late qtz vein.
194.39	202.77	w	w		vw	vw	Propylitic alt dominant, rock is	194.39	202.77	stwk		2-3%	Stockwork is more weak here, randomly
							easily scratched and mafics are alt to						oriented, 1-2mm qtz vns +/- sulphides.
							chlorite. Flds phenos are weakly clay-						
							sericite alt, select fracture faces have	195.51	197.00	sh z		wk	Rock is pitted and more broken here, :ate qtz-dol
							weak clay-sericite coatings.						veins infill fractures.
							Local weak silicification and potassic alt						
							are becoming more evident	194.39	202.77	vn	25-30	1-2%	Late qtz-dol veins, local calcite, diss mo at the
													margins of some veins.

Lions Gate Metals

Hole ID: 11-PC-100			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
202.77	203.30	and dyke	Amygdaloidal Andesite Dyke	202.77	203.30				No observed mineralization.
			Light maroon amygdaloidal dyke, aphanitic with 2-3mm qtz-calcite						
			amyg. Dyke is bleached buff-light maroon, with weak calcite						
			coatings on select fractures.						
			200.39m there is another 11cm dyke of the same composition.						
203.30	205.00	qtz mnz	Flds Porphyritic Qtz Monzanite	203.30	205.00	2-3	tr	tr	same as 194.39-202.77m
			same as 194.39-202.77m						
205.00	242.89	volc	Locally bedded Very Fine Grained Volcanic Sediment	205.00	242.89	2-3	tr	tr	Sulphides are diss throughout but pref in small
									stockwork veinlets +/-qtz and along fractures.
			Dark brn-gry to yellow-brn massive v fine grained volcanic sediment,						Cpy and Mo are preferentially associated with
			the unit is massive from 205.00 to 224.64m where it is then weakly						late qtz +/- dol veins.
			bedded for the remainder of the unit.						Mo locally makes up 2-3% of late veins, appears
			Moderate silicification, mm scale stockwork makes up 2-4% locally						to be more abundant here than the previous
			imparts aa mottled appearance due to bleached envelopes around						units.
			the stockwork.						
			Sulphides are diss throughout the rock but are pref to stockwork						
			and late veins. Cpy and mo are most commonly found within the						
			late qtz-dol veins.						
242.89	303.62	qtz mnz	Flds Porphyritic Qtz Monzanite	242.89	303.62	1-3	tr	?	Sulphides are dominantly diss throughout the
									rock, py +/- black mineral form 1-3mm blebs
			Light dirty grey flds pph qtz mnz, the entire interval is weakly to locally						and weak coatings on fractures. Py is commonly
			moderately sheared, local gouge up to 20 wide. Flds phenos are						associated with late qtz veins, where it often
			subhedral, 1-3mm, locally ghost like and make up 15-20% of the unit.						forms sub-euhedral crystals 1-2mm.
			The entire unit appears to have undergone a late argillic alt which						Trace cpy is observed associated with py, mo is
			locally overprints weak potassic or propylitic alt, potassic is more						suspected to be finely diss in select late qtz
			common.						veins.

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-100			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			The dirty appearance of the unit is due to local shearing of sulphides py +/- a dull grey-blk metallic mineral, non-magnetic. Py +/- black mineral form weak coatings on fractures and are diss throughout the rock.						
			Sulphides make up 1-3% of the unit, diss>vns, locally qtz veins contain up to 10% py +/- blk mineral +/- cpy.						
			At 265.50 to 266.91m there are several qtz eye rhyolite dykes, dykes are not mineralized, increased clay alt at upper and lower contact.						
303.62	368.65	rhyo	Qtz Eye Rhyolite	303.62	368.65				No observed mineralization.
			Light green qtz porphyritic rhyolite, qtz phenos are sub-euhedral, 1-2mm and make up 7-10% of the unit. 1-2mm, lath shaped bright green (alt?) crystal makes up 2-4% of the unit.	322.58	324.46	1-2			Fld pph qtz mnz clast?, 1-2% finely diss py. No observed cpy-mo.
			Rock is not easily scratched, weak sericite coatings on the fractures.						
			Fractures are rough and generally steep to core axis.						
			No observed mineralization within the rhyolite.						
			322.58 - 324.46m Flds pph qtz mnz, dirty gry, similar to previous (242.89-303.62m) interval. 1-2% finely diss py, no observed cpy-mo.						
368.65	401.77	qtz mnz	Medium gry-grn Flds (Bt) Porphyritic Qtz Monzanite	368.65	401.77	1-3	<1	tr	Sulphides are diss throughout the mnz, diss preferentially at mafic sites and late qtz-calc
									vns, locally fluorite vns. Cpy and mo occur dominantly within late vns.
			Medium gry-grn to locally brn flds pph qtz mnz, fld phenos vary in alt generally 2-3mm, subhedral and make up 20-30% of the unit. Flds commonly appear bright white - sericite/clay alt and also locally	385.89	396.00	1-3	<1-1	<1	Sulphides are diss throughout the mnz, diss preferentially at mafic sites and late qtz-calc
			indistinct and ghost like. Bt phenos range from 2-10% of the unit, generally chloritized, subhedral, 1 up to 4mm, commonly 2mm.						vns. There is an increase in veining and cpy through this interval, few fluorite vns.
			Alteration over the unit varies from weak propy-argillic alt at the upper and lower contacts, dirty grn-gry clay on fractures to weak potassic? Also mod silicification and v fine grained brn bt? Over a 2m interval.	399.00	401.77				Late calcite vein subparallel to core axis, 1-2% sphalerite +/- py within the vein, increaesed clay alt in the area also.
			Sulphides are finely diss throughout the mnz, also associated with late qtz-calc veins. Cpy-mo preferentially occurs within late vns.						
			Fluorite vn at 387.45m contains 2-3%mo and 1-2% cpy.						
			Py is commonly more abundant within bt and chloritized bt phenos.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs									Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments	
From	To	Clay		Bio	Sil	Ksp		From	To		tca	Strength		
279.00	282.00	w					Propylitic alt is more dominant through this interval, clay alt weakly overprints.	266.09	266.61	dyk	27		Upper contact 25, lower cnt 30 tca. Qtz eye rhyolite dyke, sharp contacts with increased clay alt at contacts.	
								286.76	287.85	dyk	40		Upper contact is 40, lower contact is 80. Qtz eye rhyolite dyke, non mineralized.	
303.62	368.65		w				Sericite forms weak coatings on fractures, Rock appears 'strained' around both the upper and lower contact and around the qtz mnz 'clast'.	303.62	303.63	cnt	27		Upper contact is sharp, 27 tca and appears weakly sheared and alt over 12cm, 1cm of gouge at the contact.	
								303.62	368.65	frc	40-60		Fractures are moderately rough, weak sericite coatings are common, most commonly 55 tca.	
								322.58	324.46	clst			Upper contact of clast is 12 tca and the lower is 48 tca, weak shearing with moderate clay-sericite alteration.	
								368.64	368.65	cnt	30		Sharp lower contact, 3-5mm calcite vn +/- py.	
368.65	376.24	w-m	w				Weak propylitic alt gives the rock a grn appearance, w-m clay alt proximal to vns and fractures leaves the rock pitted. 1-2% chloritized bt phenos.	368.65	401.77	vn	10-20	2-3%	Late qtz-calc veins associated py-cpy-mo, dominantly 10 tca. Locally calc forms infilling texture. Several fluoirite vns around 387.50m.	
								368.65	401.77	stwk		3-5%	Randomly oriented qtz +/- sulphide stockwork locally clay-sericite alt at vn margins.	
376.24	377.97	vw	vw	w	w-m		Weak to moderate silicification with sericite-clay alt flds phenos and 4-5% chloritized bt phenos. Light brn color within the matrix = fine grained bt?	371.18	371.91	dyk	45		Light green qtz eye rhyolite dyke, lower contact is 45 tca, upper contact is irregular and steep. to the core axis.	
377.97	392.00	vw	vw		w	vw	Light gry-pink color, vw-weak silicification, flds phenos are commonly sericite-clay alt and appear ghost like, 1-2% chloritized bt.	399.00	401.77	vn	low		Late subparralel to the core axis calcite vein with 1-2% sphalerite. There is an increase in clay alt proximal to the vein.	
392.00	401.77	w-m	w				Weak to locally moderate propylitic alt, rock is green with w-m clay alt making the rock locally crumbly. Locally late veining imparts weak brecciated texture.							

Lions Gate Metals

Hole ID: 11-PC-100			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			371.18-371.91m grn qtz eye rhyolite, clay alt at upper and lower contact leaves the rock pitted and weak.						
401.77	479.97	rhyo	Light Green Qtz Eye Rhyolite	401.77	479.97	tr			No observed mineralization within the qtz eye rhyolite, locally over intervals of late dol-calc veining tr finely diss py is evident, makes up <<1% over the entire unit.
			Light green qtz porphyritic rhyolite, qtz phenos are sub-euhedral, 1-2mm and make up 7-10% of the unit. 1-2mm, lath shaped bright green (alt?) crystal makes up 2-4% of the unit, also 5-7% soft locally absent flds? Phenos, leaves the rock looking pitted.						
			Rock is not easily scratched, weak sericite coatings on the fractures.						
			Fractures are rough and generally steep to core axis.						
			No observed mineralization within the rhyolite.						
			Late qtz-dol-calc veins locally have 1-2% py.						
			428.19-445.86m 5-7% late dol-calcite veins, dominantly massive, some brecciation, vns 5-50mm wide.						
479.97	544.65	volc	Very Fine grained Silicified Volcanic Sediment	479.97	523.34	2-3	<1-1	tr	Sulphides are finely diss throughout the unit, preferentially associated with qtz stockwork and late qtz veins.
			Dark gry-grn to brn-maroon very fine grained mod-strongly silicified massive volcanic sediments. The rock is very mottled due to alt? weak bleaching-chlorite alt around qtz+/- sulphide stockwork.						Py is most commonly found diss throughout the rock, also within stcokwork, not commonly within late veins.
			Weak sericite coatings on fractures are common.						Cpy is locally diss within the sediment, more commonly within or proximal to late qtz veins.
			Bedding is evident from 523.34-544.65m.						Mo is observed only within late qtz veins.
			Stockwork has random orientation, 1-2mm veinlets,qtz +/- py-cpy-mo stockwork makes up 5% of the unit. 1-2% late qtz veins contain coarser py-cpy-mo.						Where rock is black and strongly silicified, cpy more abundant and very finely diss throughout.
			Silicification is dominant with weak-mod propylitic? Alt at the lower contact		519.00		>1		Fracture surface has 3-4mm cpy coating.
				523.34	544.65	2-3	<1	tr	Sulphides are finely diss throughout the unit, cpy and mo are less abundant through this weakly bedded interval, silicification is weaker.
544.65	553.82	volc/mnz	Intercalated Fld Porphyritic Qtz Monzanite and Volcanic Sediments	544.65	553.82	2-3	<1	tr	Sulphides are diss throughout both the mnz and the volcanics, although appears to be slightly more abundant wtihin the volc.
									Diss> vns.
	EOH		Dark grey maroon weakly bedded volcanics are intruded by a black with sericite/sausseritized fld phenos qtz monzanite.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
401.77	479.97	vw	w				Sericite forms weak coatings on fractures, 1mm bright grn alt phenos?, rock is locally pitted where sericite-clay has replaced flds? phenos and then eroded away	428.19	445.86	vn	50-60		Late dol-calc veins, locally tr py. Form brecciated texture locally where veining is strong.
							Locally moderate clay alt along fractures.	401.77	479.97	frct	20-30		Two dominant sets of fractures, both have weak sericite-clay coatings. Steeper set appears to have a smoother fracture surface.
											50-60		
479.97	520.00		w	?	m-s		The unit is moderately to strongly silicified, locally appears more propylitic - chlorite alt, stockwork has 4-10mm alt halos of qtz-chlorite. Weak sericite coatings on fractures are common. 2-4m intervals where rock appears locally spotted - chlorite alteration.	479.97	544.65	vn	35-45	1-2%	Late qtz veins, commonly associated cpy-mo, generally 5-20mm wide, commonly 35 tca.
								516.59	516.66	dyk	35		Small 5cm wide flds pph qtz mnz dyke, generally unaltered contacts. Dyke is med brn with 15-25% fld phenos, sericite alt.
													Upper contact is 45 tca, lower cnt is 25 tca.
520.00	523.34		w		vs		Black very silicified seds, weak qtz veining, sulphides are very finely diss throughout.	523.34	544.65	bd	25-35	w-m	Weak to moderate bedding, sericite alt along bedding planes.
523.34	544.65		w		m		Silicification is weaker here, sericite coatings on fractures and along bedding planes making the rock slightly weaker. Appears to be weak to moderate chlorite alt giving the rock a green appearance.						
544.65	553.82		w		w-m		Volcanics are moderately silicified with local green appearance chlorite? Alt. Qtz monzanite is locally weakly silicified, flds phenos are commonly alt to sericite	544.65	544.67	cnt	23		Upper contact is marked by a sharp contact that has been reopened and annealed by a qtz vein.
								547.00	547.52	vn	25		547.00m another contact between the qtz mnz

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Hole ID: 11-PC-100		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
4.27	5.18	0.91	0.88	97	0.86	95		
5.18	8.23	3.05	3.02	99	2.31	76		highly fractured
8.23	11.28	3.05	3.05	100	1.12	37		
11.28	14.33	3.05	2.95	97	2.39	78		
14.33	17.37	3.04	3.05	100	1.63	54		
17.37	20.42	3.05	3.05	100	0.88	29		
20.42	23.47	3.05	2.90	95	1.05	34		
23.47	26.52	3.05	2.84	93	0.65	21		
26.52	29.57	3.05	3.05	100	1.74	57		
29.57	32.61	3.04	3.04	100	1.73	57		
32.61	35.66	3.05	3.00	98	1.41	46		
35.66	38.71	3.05	3.05	100	0.84	28		
38.71	41.76	3.05	3.05	100	1.45	48		
41.76	44.81	3.05	2.90	95	1.00	33		highly fractured
44.81	47.85	3.04	2.94	97	0.85	28		
47.85	50.90	3.05	2.80	92	0.48	16		broken up parts
50.90	53.95	3.05	2.90	95	1.43	47		rubble in spots
53.95	57.00	3.05	2.96	97	2.24	73		
57.00	60.05	3.05	3.05	100	1.64	54		
60.05	63.09	3.04	3.01	99	2.27	75		
63.09	66.14	3.05	3.05	100	0.71	23		
66.14	69.19	3.05	3.02	99	2.64	87		
69.19	72.24	3.05	3.05	100	2.70	89		
72.24	75.29	3.05	3.05	100	2.17	71		
75.29	78.33	3.04	2.88	95	2.43	80		HQ to NQ @ 76.15m
78.33	81.38	3.05	3.03	99	2.56	84		
81.38	84.43	3.05	3.05	100	0.69	23		
84.43	87.48	3.05	3.05	100	1.59	52		
87.48	90.53	3.05	3.05	100	1.01	33		
90.53	93.57	3.04	3.05	100	1.27	42		
93.57	96.62	3.05	2.84	93	0.76	25		highly fractured
96.62	99.67	3.05	2.89	95	1.02	33		highly fractured
99.67	102.72	3.05	3.00	98	0.63	21		highly fractured
102.72	105.77	3.05	3.00	98	1.55	51		highly fractured
105.77	108.81	3.04	3.05	100	1.10	36		
108.81	111.86	3.05	2.98	98	0.64	21		highly fractured
111.86	114.91	3.05	2.99	98	0.84	28		highly fractured
114.91	117.96	3.05	3.05	100	1.59	52		
117.96	121.01	3.05	3.05	100	0.49	16		
121.01	124.05	3.04	2.95	97	0.94	31		highly fractured
124.05	127.10	3.05	3.02	99	2.00	66		
127.10	130.15	3.05	3.01	99	2.53	83		
130.15	133.20	3.05	3.05	100	2.52	83		
133.20	136.25	3.05	2.95	97	2.78	91		
136.25	139.29	3.04	3.04	100	1.52	50		
139.29	142.54	3.25	3.04	94	1.64	50		
142.54	145.39	2.85	3.04	107	1.58	55		fractured @ lower run
145.39	148.44	3.05	3.00	98	1.43	47		
148.44	151.49	3.05	2.99	98	2.61	86		
151.49	154.53	3.04	3.00	99	2.77	91		
154.53	157.58	3.05	2.98	98	2.54	83		
157.58	160.63	3.05	2.96	97	1.26	41		
160.63	163.68	3.05	3.10	102	2.92	96		
163.68	166.73	3.05	3.05	100	2.98	98		
166.73	169.77	3.04	3.06	101	2.47	81		
169.77	172.82	3.05	2.99	98	2.51	82		
172.82	175.87	3.05	2.99	98	1.92	63		
175.87	178.92	3.05	2.95	97	2.12	70		
178.92	181.97	3.05	3.01	99	1.94	64		

Hole ID: 11-PC-100		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
181.97	185.01	3.04	2.96	97	2.22	73		
185.01	188.06	3.05	3.05	100	1.43	47		
188.06	191.11	3.05	3.05	100	1.14	37		
191.11	194.16	3.05	3.05	100	1.88	62		
194.16	197.21	3.05	3.05	100	0.78	26		highly fractured
197.21	200.25	3.04	3.05	100	0.67	22		highly fractured
200.25	203.30	3.05	3.05	100	1.46	48		
203.30	206.35	3.05	3.05	100	0.86	28		rubble in spots
206.35	209.40	3.05	3.05	100	0.69	23		rubble in spots
209.40	212.45	3.05	3.05	100	1.23	40		
212.45	215.49	3.04	3.05	100	0.73	24		rubble in middle of run
215.49	218.54	3.05	2.80	92	1.07	35		highly fractured
218.54	221.59	3.05	2.77	91	1.18	39		highly fractured
221.59	224.64	3.05	2.83	93	0.13	4		highly fractured
224.64	227.69	3.05	2.84	93	0.23	8		highly fractured
227.69	230.73	3.04	2.58	85	1.24	41		
230.73	233.78	3.05	2.95	97	1.19	39		
233.78	236.83	3.05	2.94	96	0.47	15		
236.83	239.88	3.05	2.91	95	0.67	22		semi fractured
239.88	242.93	3.05	2.97	97	1.44	47		
242.93	245.97	3.04	2.99	98	1.79	59		
245.97	249.02	3.05	2.92	96	1.30	43		semi fractured
249.02	252.07	3.05	2.90	95	1.29	42		
252.07	255.12	3.05	2.89	95	1.18	39		highly fractured
255.12	258.17	3.05	2.83	93	1.31	43		highly fractured
258.17	261.21	3.04	3.05	100	1.95	64		
261.21	264.26	3.05	3.05	100	1.59	52		
264.26	267.31	3.05	2.96	97	1.34	44		
267.31	270.36	3.05	3.05	100	2.07	68		crumbly rock
270.36	273.41	3.05	2.82	92	0.07	2		highly fractured
273.41	276.45	3.04	3.03	100	1.74	57		
276.45	279.50	3.05	3.05	100	1.51	50		
279.50	282.55	3.05	3.05	100	1.46	48		
282.55	285.60	3.05	3.03	99	1.36	45		
285.60	288.65	3.05	2.88	94	1.53	50		
288.65	291.69	3.04	2.90	95	0.13	4		highly fractured
291.69	294.74	3.05	3.08	101	1.29	42		
294.74	297.79	3.05	3.06	100	1.86	61		
297.79	300.84	3.05	3.03	99	1.54	50		
300.84	303.89	3.05	3.06	100	1.38	45		
303.89	306.93	3.04	3.04	100	1.74	57		
306.93	309.98	3.05	3.03	99	1.21	40		
309.98	313.03	3.05	3.06	100	1.55	51		
313.03	316.08	3.05	3.04	100	2.18	71		
316.08	319.13	3.05	3.05	100	1.75	57		
319.13	322.17	3.04	3.14	103	1.50	49		
322.17	325.22	3.05	3.02	99	1.60	52		
325.22	328.27	3.05	3.22	106	2.09	69		
328.27	331.32	3.05	3.03	99	1.79	59		
331.32	334.37	3.05	3.00	98	1.71	56		
334.37	337.41	3.04	3.05	100	1.60	53		
337.41	340.46	3.05	3.03	99	1.69	55		
340.46	343.51	3.05	3.06	100	1.90	62		
343.51	346.56	3.05	2.95	97	1.89	62		
346.56	349.61	3.05	2.95	97	1.50	49		
349.61	352.65	3.04	3.05	100	2.15	71		
352.65	355.70	3.05	2.99	98	0.72	24		highly fractured
355.70	358.75	3.05	3.05	100	0.79	26		highly fractured
358.75	361.80	3.05	3.00	98	1.26	41		highly fractured

Hole ID: 11-PC-100		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
361.80	364.85	3.05	3.05	100	0.92	30		highly fractured
364.85	367.89	3.04	2.76	91	0.42	14		highly fractured
367.89	370.94	3.05	2.92	96	0.37	12		
370.94	373.99	3.05	3.05	100	1.13	37		crumbly
373.99	377.04	3.05	2.98	98	2.86	94		
377.04	380.09	3.05	3.05	100	1.77	58		
380.09	383.13	3.04	3.00	99	1.02	34		
383.13	386.18	3.05	2.96	97	1.09	36		semi fractured
386.18	389.23	3.05	2.90	95	1.14	37		
389.23	392.28	3.05	3.01	99	1.39	46		semi fractured
392.28	395.33	3.05	3.05	100	1.22	40		
395.33	398.37	3.04	2.97	98	0.96	32		fractured & crumbly
398.37	401.42	3.05	2.93	96	0.86	28		
401.42	404.47	3.05	3.05	100	0.98	32		highly fractured
404.47	407.52	3.05	2.84	93	1.15	38		highly fractured
407.52	410.57	3.05	2.98	98	0.88	29		highly fractured
410.57	413.61	3.04	2.99	98	1.59	52		highly fractured
413.61	416.66	3.05	3.04	100	1.01	33		
416.66	419.71	3.05	2.92	96	0.32	10		highly fractured
419.71	422.76	3.05	3.00	98	0.94	31		highly fractured
422.76	425.81	3.05	3.02	99	1.14	37		
425.81	428.85	3.04	3.05	100	1.86	61		
428.85	431.90	3.05	2.90	95	2.05	67		
431.90	434.95	3.05	2.79	91	1.08	35		
434.95	438.00	3.05	3.04	100	0.88	29		
438.00	441.05	3.05	2.97	97	1.56	51		
441.05	444.09	3.04	3.03	100	2.33	77		
444.09	447.14	3.05	3.05	100	1.03	34		
447.14	450.19	3.05	3.00	98	1.41	46		
450.19	453.24	3.05	3.05	100	1.40	46		
453.24	456.29	3.05	2.97	97	0.84	28		
456.29	459.33	3.04	3.02	99	1.23	40		
459.33	462.38	3.05	3.03	99	2.18	71		
462.38	465.43	3.05	3.03	99	1.38	45		
465.43	468.48	3.05	2.73	90	1.00	33		
468.48	471.53	3.05	3.09	101	1.89	62		
471.53	474.57	3.04	2.77	91	1.36	45		
474.57	477.62	3.05	2.81	92	1.54	50		
477.62	480.67	3.05	3.00	98	1.37	45		
480.67	483.72	3.05	3.00	98	2.63	86		
483.72	486.77	3.05	3.09	101	2.70	89		
486.77	489.91	3.14	3.06	97	2.49	79		
489.91	492.86	2.95	3.10	105	2.92	99		
492.86	495.91	3.05	3.01	99	2.72	89		
495.91	498.96	3.05	3.00	98	2.51	82		
498.96	502.01	3.05	2.90	95	2.15	70		
502.01	505.05	3.04	3.10	102	1.85	61		
505.05	508.10	3.05	3.07	101	1.31	43		
508.10	511.15	3.05	2.87	94	1.42	47		
511.15	514.20	3.05	3.06	100	1.75	57		
514.20	517.25	3.05	3.00	98	1.93	63		
517.25	520.29	3.04	3.06	101	2.40	79		
520.29	523.34	3.05	3.06	100	2.33	76		
523.34	526.39	3.05	3.03	99	0.96	31		
526.39	529.44	3.05	3.06	100	1.42	47		
529.44	532.49	3.05	3.05	100	1.60	52		
532.49	535.53	3.04	3.00	99	1.48	49		
535.53	538.58	3.05	2.98	98	1.93	63		
538.58	541.63	3.05	3.06	100	2.16	71		

Hole ID: 11-PC-100		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
541.63	544.68	3.05	3.00	98	2.50	82		
544.68	547.73	3.05	3.08	101	2.19	72		
547.73	550.77	3.04	3.02	99	2.36	78		
550.77	553.87	3.10	3.04	98	2.26	73		
	EOH							

Hole ID: 11-PC-100		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045597	7.27	10.27	3.00		1-2
1045598	10.27	13.27	3.00		2-3
1045599	13.27	16.27	3.00		3-4
1045600				Std CM-8	
1045601	16.27	18.31	2.04		4-5
1045602	18.31	21.31	3.00		5-6
1045603	21.31	24.31	3.00		6-7
1045604	24.31	27.31	3.00		7-8
1045605	27.31	30.31	3.00		8-9
1045606	30.31	33.31	3.00		9
1045607	30.31	33.31	3.00	Duplicate	9
1045608	33.31	36.31	3.00		9-10
1045609	36.31	39.31	3.00		10-11
1045610	39.31	42.31	3.00		11-12
1045611	42.31	45.31	3.00		12-13
1045612				Blank	
1045613	45.31	48.31	3.00		13-14
1045614	48.31	51.31	3.00		14-15
1045615	51.31	54.31	3.00		15-16
1045616	54.31	57.31	3.00		16-17
1045617				Std FCM-7	
1045618	57.31	60.31	3.00		17-18
1045619	60.31	63.31	3.00		18-19
1045620	63.31	66.31	3.00		19-20
1045621	66.31	69.31	3.00		20-21
1045622	69.31	72.31	3.00		21-22
1045623	72.31	75.31	3.00		22-23
1045624	75.31	78.31	3.00		23
1045625	75.31	78.31	3.00	Duplicate	23
1045626	78.31	81.31	3.00		23-24
1045627	81.31	84.31	3.00		24-25
1045628	84.31	87.31	3.00		25-26
1045629	87.31	90.31	3.00		26
1045630				Blank	
1045631	90.31	93.31	3.00		26-27
1045632	93.31	96.31	3.00		27-28
1045633	96.31	99.31	3.00		28
1045634	99.31	102.31	3.00		28-29
1045635	102.31	105.31	3.00		29-30
1045636	105.31	108.31	3.00		30
1045637	108.31	111.31	3.00		30-31
1045638				Std FCM-7	
1045639	111.31	114.31	3.00		31-32
1045640	114.31	117.31	3.00		32-33
1045641	117.31	120.12	2.81		33
1045642	120.12	122.12	2.00		33-34
1045643	122.12	125.12	3.00		34
1045644	125.12	128.12	3.00		34-35
1045645	128.12	131.12	3.00		35-36
1045646	131.12	134.12	3.00		36
1045647	131.12	134.12	3.00	Duplicate	36
1045648	134.12	137.12	3.00		36-37
1045649	137.12	140.12	3.00		37-38
1045650	140.12	143.12	3.00		38
1045651	143.12	146.12	3.00		38-39
1045652				Blank	
1045653	146.12	149.12	3.00		39-40
1045654	149.12	150.30	1.18		40

Hole ID: 11-PC-100		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045655	150.30	152.40	2.10		40-41
1045656	152.40	155.40	3.00		41
1045657	155.40	158.40	3.00		41-42
1045658				Std CGS-27	
1045659	158.40	161.40	3.00		42-43
1045660	161.40	164.40	3.00		43
1045661	164.40	167.40	3.00		43-44
1045662	167.40	170.40	3.00		44-45
1045663	170.40	173.40	3.00		45
1045664	173.40	176.40	3.00		45-46
1045665	176.40	178.82	2.42		46-47
1045666	178.82	181.82	3.00		47
1045667	178.82	181.82	3.00	Duplicate	47
1045668	181.82	184.82	3.00		47-48
1045669	184.82	187.82	3.00		48-49
1045670				Blank	
1045671	187.82	190.82	3.00		49-50
1045672	190.82	191.79	0.97		50
1045673	191.79	194.39	2.60		50
1045674	194.39	197.39	3.00		50-51
1045675				Std CM-8	
1045676	197.39	200.39	3.00		51-52
1045677	200.39	202.77	2.38		52
1045678	202.77	203.30	0.53		52
1045679	203.30	205.00	1.70		52-53
1045680	205.00	208.00	3.00		53
1045681	208.00	211.00	3.00		53-54
1045682	211.00	214.00	3.00		54-55
1045683	214.00	217.00	3.00		55
1045684	217.00	220.00	3.00		55-56
1045685	220.00	223.00	3.00		56-57
1045686	223.00	226.00	3.00		57-58
1045687	226.00	229.00	3.00		58
1045688	226.00	229.00	3.00	Duplicate	58
1045689	229.00	232.00	3.00		58-59
1045690	232.00	235.00	3.00		59-60
1045691				Blank	
1045692	235.00	238.00	3.00		60
1045693	238.00	241.00	3.00		60-61
1045694	241.00	242.89	1.89		61
1045695	242.89	245.89	3.00		61-62
1045696	245.89	248.89	3.00		62-63
1045697				Std FCM-7	
1045698	248.89	251.89	3.00		63
1045699	251.89	254.89	3.00		63-64
1045700	254.89	257.89	3.00		64-65
1045701	257.89	260.89	3.00		65
1045702	260.89	263.89	3.00		65-66
1045703	263.89	266.89	3.00		66-67
1045704	266.89	269.89	3.00		67
1045705	266.89	269.89	3.00	Duplicate	67
1045706	269.89	272.89	3.00		67-68
1045707	272.89	275.89	3.00		68-69
1045708	275.89	278.89	3.00		69
1045709	278.89	281.89	3.00		70
1045710				Blank	
1045711	281.89	284.89	3.00		70-71
1045712	284.89	287.89	3.00		71-72

Hole ID: 11-PC-100		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045713	287.89	290.89	3.00		72
1045714	290.89	293.89	3.00		72-73
1045715				Std FCM-7	
1045716	293.89	296.89	3.00		73-74
1045717	296.89	299.89	3.00		74
1045718	299.89	302.89	3.00		74-75
1045719	302.89	303.62	0.73		75
1045720	303.62	306.62	3.00		75-76
1045721	306.62	309.62	3.00		76-77
1045722	309.62	312.62	3.00		77
1045723	312.62	315.62	3.00		77-78
1045724	315.62	318.62	3.00		78-79
1045725	318.62	321.62	3.00		79
1045726	318.62	321.62	3.00	Duplicate	79
1045727	321.62	324.62	3.00		79-80
1045728	324.62	327.62	3.00		80-81
1045729	327.62	330.62	3.00		81
1045730	330.62	333.62	3.00		81-82
1045731	333.62	336.62	3.00		82-83
1045732				Blank	
1045733	336.62	339.62	3.00		83
1045734	339.62	342.62	3.00		83-84
1045735	342.62	345.62	3.00		84-85
1045736	345.62	348.62	3.00		85
1045737	348.62	351.62	3.00		85-86
1045738	351.62	354.62	3.00		86-87
1045739				Std CGS-27	
1045740	354.62	357.62	3.00		87-88
1045741	357.62	360.62	3.00		88
1045742	360.62	363.62	3.00		88-89
1045743	363.62	366.62	3.00		89-90
1045744	366.62	368.65	2.03		90
1045745	368.65	371.65	3.00		90-91
1045746	368.65	371.65	3.00	Duplicate	90-91
1045747	371.65	374.65	3.00		91
1045748	374.65	377.65	3.00		91-92
1045749	377.65	380.65	3.00		92-93
1045750	380.65	383.65	3.00		93
1045751	383.65	386.65	3.00		93-94
1045752				Blank	
1045753	386.65	389.65	3.00		94-95
1045754	389.65	392.65	3.00		95
1045755				Std CGS-27	
1045756	392.65	395.65	3.00		95-96
1045757	395.65	398.65	3.00		96-97
1045758	398.65	401.77	3.12		97-98
1045759	401.77	404.77	3.00		98
1045760	404.77	407.77	3.00		98-99
1045761	407.77	410.77	3.00		99-100
1045762	410.77	413.77	3.00		100-101
1045763	413.77	416.77	3.00		101
1045764	413.77	416.77	3.00	Duplicate	101
1045765	416.77	419.77	3.00		101-102
1045766	419.77	422.77	3.00		102-103
1045767	422.77	425.77	3.00		103
1045768	425.77	428.77	3.00		103-104
1045769				Blank	
1045770	428.77	431.77	3.00		104-105

Hole ID: 11-PC-100		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045771	431.77	434.77	3.00		105
1045772	434.77	437.77	3.00		105-106
1045773	437.77	440.77	3.00		106-107
1045774	440.77	443.77	3.00		107-108
1045775				Std CGS-27	
1045776	443.77	446.77	3.00		108
1045777	446.77	449.77	3.00		108-109
1045778	449.77	452.77	3.00		109-110
1045779	452.77	455.77	3.00		110
1045780	455.77	458.77	3.00		110-111
1045781	458.77	461.77	3.00		111-112
1045782	461.77	464.77	3.00		112
1045783	464.77	467.77	3.00		112-113
1045784	467.77	470.77	3.00		113-114
1045785	470.77	473.77	3.00		114-115
1045786	470.77	473.77	3.00	Duplicate	114-115
1045787	473.77	476.77	3.00		115
1045788	476.77	479.97	3.20		115-116
1045789	479.97	482.97	3.00		116-117
1045790				Blank	
1045791	482.97	485.97	3.00		117
1045792	485.97	488.97	3.00		117-118
1045793	488.97	491.97	3.00		118-119
1045794	491.97	494.97	3.00		119
1045795	494.97	497.97	3.00		119-120
1045796				Std CM-8	
1045797	497.97	500.97	3.00		120-121
1045798	500.97	503.97	3.00		121
1045799	503.97	506.97	3.00		121-122
1045800	506.97	509.97	3.00		122-123
1045801	509.97	512.97	3.00		123-124
1045802	512.97	515.97	3.00		124
1045803	512.97	515.97	3.00	Duplicate	124
1045804	515.97	518.97	3.00		124-125
1045805	518.97	521.97	3.00		125-126
1045806	521.97	524.97	3.00		126
1045807	524.97	527.97	3.00		126-127
1045808	527.97	530.97	3.00		127-128
1045809				Blank	
1045810	530.97	533.97	3.00		128
1045811	533.97	536.97	3.00		128-129
1045812	536.97	539.97	3.00		129-130
1045813	539.97	542.97	3.00		130
1045814	542.97	544.65	1.68		130-131
1045815	544.65	547.65	3.00		131
1045816				Std FCM-7	
1045817	547.65	550.65	3.00		131-132
1045818	550.65	553.82	3.17		132-133
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-101	Easting (NAD 83): 631700	Core Size: HQ & NQ	DDH Started: Sept 13 2011
	Northing (NAD 83): 5986639	Hole Azimuth: 355	DDH Finished: Sept 18 2011
Property: Poplar Deposit	Elevation: 890	Hole Angle: -75	Log Completed:Sept 25, 2011
	Source: GPS	Total Depth: 502.01m	Analysis by: ACME

Logged by: A. Ross
Geotechnician: A.Clayton, A.Green
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
102.74	354	-76.8
200.00	356.8	-76.6
303.96	3.4	-75.7
404.47	8.8	-76.1
502.01	14.6	-75.7

Summary:	11-PC-101 (PDH-X) was
designed to test the southern portion of the main zone. 11-PC-100 is parallel to the east and 11-PC-98 is parallel to the west. This hole was mostly quartz monzanite with common volcanics. Trace chalcopyrite was observed throughout the hole in the monzanite and volcanics, locally up to 1-2% cpy. In the qtz monzanite intervals weak to moderate potassic alteration is common with later overprinting weak propylitic alteration. Volcanics appear mostly massive with a local "bedded" or layered appearance. The azimuth of this hole changed from 354 to 14.6 degrees over the 500 meters and shallowed by only a degree.	

Lions Gate Metals

Hole ID: 11-PC-101			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	2.66	ovb	Casing to 2.44m, cored boulder of very silicious black and white grano diorite?, local epidote alt at small 2-3mm qtz vn.						
2.66	76.76	volc	Very Fine grained Volcanic Sediment	2.66	76.76	3-4	tr		Pyrite is observed diss throughout the rock and concentrated on select fractures and within qtz vns and stkwrk. Cpy is locally associated with py .
									Vns>diss
			Medium grey to buff-brn very fine grained sediment, massive locally bedded appearance may be enhanced by alt?						
			Weak stockwork, calcite alt +/- py, py is also diss throughout the rock preferential to chlorite? alt areas.						
			Rock is easily scratched, weak clay alt locally sericite on fractures, late calcite vns are common, 1-2% 5-30mm, tr associated sulphides with calcite. Locally qtz +/- py +/- clac vns.						
			Upper 4m has strong fe staining on fractures, locally weathered to gouge type material on larger fractures.						
76.76	103.40	qtz mnz	Flds porphyritic Quartz Monzanite	76.76	103.40	2-4	tr		Sulphides make up 2-4% of the unit, diss>vns
									diss appear more coarse around chlorite alt sites. Py is dominant with tr cpy, no observed mo. Cpy is associated with py, finer grained and much less abundant.
			Medium grey-brn flds pph qtz monzanite, flds are 1-2mm subhedral, locally sericite-clay alt, flds are indistinct over silicified intervals, phenos make up 15-20% of the unit.						Py forms 1-2mm coatings on select 1-2% fractures, py also forms 1-3cm veins and diss blobs that appear sooty and dirty, locally tr cpy.
			Rock is easily scratched, appears to be weak propylitic overprinting weak potassic alt, locally 1-2m intervals of w-m silicification.						
			Propylitic alt is express as chlorite alt envelopes around mm scale vns and fractures, also as 'blotches' over 5-7% of the unit.						
			Sulphides make up 2-4% of the unit, diss>vns, disseminations appear more coarse around chlorite alt sites. Py is dominant with tr cpy, no observed mo. Cpy is associated with py, finer grained and much less abundant.						
103.40	142.25	volc	Very Fine Grained Volcanic Sediment.	103.40	142.25	2	tr		Sulphides are finely diss throughout the unit, also preferentially within weak stockwork and late calc-qtz vns. Stockwork veinlets are 1-2mm py +/- qtz, clay/sericite alt locally, stkwrk makes up 3-4% of the unit.
									Py is dominant with local tr cpy? finely diss with the py. Py has a dirty-sooty appearance.
			Medium gry-brn to buff very fine grained volc sed, massive, local very weak bedding? enhanced by selective alteration.						Vns>diss
			Alteration is observed by chlorite envelopes around mm scale vns and fractures, locally more pervassive along weak bedding planes?						
			Sulphides are finely diss throughout the unit, preferentially within weak stockwork and late qtz veins. Vns>diss						

Lions Gate Metals

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Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
142.25	142.95				vw		Rock is easily scratched and bleached.	142.25	142.26	cnt	70		Sharp upper contact.
							qtz filled vesicles? replaced phenos?	142.94	142.95	cnt	67		Sharp lower contact.
							clasts?	142.25	142.95	vns	20-30	1%	mm scale qtz viens.
142.95	159.35	vw	vw				Alteration is observed as chlorite halos	142.95	159.35	stwk		1-2%	1-2mm scale stockwork makes up 1-2%, of the
							around vns and stockwork, weak calcite						unit, qtz-py, random orientation.
							infills fractures.	159.32	159.35	cnt	10	w-m	Lower contact is faulted with 2-3cm of weak
							Chorite alt also appears to be preferential						coarse gouge.
							to bedding planes?, locally weakly	158.60	158.80	bx		w-m	Clast supported breccia with dolomite-qtz
							pervasive.						matrix, no associated mineralization.
159.35	196.79	w					Rock is easily scratched and has a dirty	159.35	298.11	vns	10-20	2-3%	Late qtz vns, fewer dolomite vns, form at 10-20
							grey appearance, flds phenos are 1-2mm						tca. Commonly contain 5-25% py with tr cpy and
							and commonly indistinct. Intervals of						local tr mo.
							weak-mod propylitic alt over 2-4m. 1-2cm	298.11	441.80	vn	0-20	1-2%	Late qtz-fluorite +/- py-cpy-mo?, mostly 10 tca.
							chloritic alt envelopes around veins and						Silver grey <1mm diss mo? tetra? 1-2% within vns.
							fractures.						Dominantly associated py, locally cpy-mo?.
196.79	206.00	vw			w	w	Weak potassic alt gives the rock a pinky	298.11	441.80	vn	15-20	1%	Late calcite-py clay? Vns, commonly appeared
							brn appearance, flds are larger and locally						sheared. Finely diss 5-10% sooty py.
							clay-sericite alt. 2-3cm chloritic envelopes	245.20	245.67	vn	25		Qtz vein with abundant sulphides, 5-7% py, 5% cpy
							around stockwork veinlets.						and 1% mo. Mo is finely diss while py and cpy
206.00	209.89	w					Weak to locally moderate propylitic alt,						form dendritic or a net texture with the qtz.
							propylitic alt is stronger at weak faults and	159.35	441.80	stwk		3-5%	Stockwork is randomly oriented, qtz-py with
							vein. Dolomite vns appear more abundant						1-3cm chlorite alt envelopes.
							here than qtz vns.						
209.89	245.29	vw			w	w-m	Weak-mod potassic alt gives the rock a						
							pinky brn appearance, flds are larger and						
							locally clay-sericite alt. 2-3cm chloritic	441.05	442.62	cnt			Gradational contact over 1.57m where alteration
							envelopes around stockwork veinlets.						appears to mute the contact.
245.29	248.38	w	w				Weak to mod propylitic alt, appears to be						
							due to large qtz vn. Chlorite alt is stronger						

Lions Gate Metals

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Lions Gate Metals

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	HOLE ID: 11-PC-101			Geotechnical Data				
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
2.44	5.18	2.74	2.66	97	0.63	23		
5.18	8.23	3.05	3.13	103	0.75	25		highly fractured
8.23	11.28	3.05	2.99	98	1.38	45		
11.28	14.33	3.05	3.07	101	0.90	30		
14.33	17.37	3.04	2.90	95	0.43	14		highly fractured
17.37	20.42	3.05	1.94	64	0.88	29		highly fractured & crumbly
20.42	23.47	3.05	3.00	98	1.65	54		
23.47	26.52	3.05	2.96	97	1.21	40		
26.52	29.57	3.05	3.08	101	1.91	63		highly fractured
29.57	32.61	3.04	3.01	99	0.91	30		
32.61	35.66	3.05	3.02	99	0.80	26		
35.66	38.71	3.05	3.09	101	0.92	30		
38.71	41.76	3.05	3.05	100	1.11	36		
41.76	44.81	3.05	3.04	100	1.30	43		
44.81	47.85	3.04	3.05	100	1.63	54		
47.85	50.90	3.05	2.74	90	1.25	41		HQ to NQ @ 48.91 m
50.90	53.95	3.05	3.04	100	1.21	40		highly fractured
53.95	57.00	3.05	3.07	101	0.84	28		
57.00	60.05	3.05	2.90	95	1.64	54		
60.05	63.09	3.04	3.09	102	0.48	16		highly fractured
63.09	66.14	3.05	2.85	93	0.15	5		
66.14	69.19	3.05	3.05	100	0.65	21		
69.19	72.24	3.05	3.05	100	0.54	18		rubble half way
72.24	75.29	3.05	3.05	100	0.67	22		rubble all the way
75.29	78.33	3.04	2.95	97	2.35	77		
78.33	81.38	3.05	2.85	93	2.00	66		
81.38	84.43	3.05	3.03	99	0.90	30		highly fractured
84.43	87.48	3.05	2.68	88	0.30	10		highly fractured
87.48	90.53	3.05	3.07	101	0.24	8		
90.53	93.57	3.04	3.05	100	2.33	77		
93.57	96.62	3.05	3.04	100	2.65	87		
96.62	99.67	3.05	3.00	98	2.10	69		
99.67	102.72	3.05	3.02	99	2.39	78		
102.72	105.77	3.05	3.04	100	1.89	62		
105.77	108.81	3.04	3.03	100	0.87	29		
108.81	111.86	3.05	3.05	100	1.36	45		half highly fractured
111.86	114.91	3.05	3.05	100	1.32	43		
114.91	117.96	3.05	3.04	100	1.80	59		
117.96	121.01	3.05	3.09	101	1.69	55		
121.01	124.05	3.04	3.02	99	1.73	57		
124.05	127.10	3.05	3.05	100	1.76	58		
127.10	130.15	3.05	3.04	100	2.02	66		
130.15	133.20	3.05	3.04	100	1.04	34		
133.20	136.25	3.05	3.05	100	1.69	55		
136.25	139.29	3.04	3.05	100	1.64	54		
139.29	142.54	3.25	2.94	90	1.59	49		
142.54	145.39	2.85	3.03	106	1.48	52		
145.39	148.44	3.05	3.03	99	1.06	35		
148.44	151.49	3.05	3.05	100	1.82	60		
151.49	154.53	3.04	3.05	100	1.86	61		
154.53	157.58	3.05	2.97	97	2.25	74		
157.58	160.63	3.05	3.05	100	1.70	56		
160.63	163.68	3.05	2.95	97	1.67	55		highly fractured
163.68	166.73	3.05	2.99	98	1.36	45		
166.73	169.77	3.04	2.99	98	1.49	49		
169.77	172.82	3.05	2.90	95	1.03	34		
172.82	175.87	3.05	3.02	99	1.86	61		
175.87	178.92	3.05	3.01	99	1.38	45		
178.92	181.97	3.05	3.05	100	1.48	49		

	HOLE ID: 11-PC-101			Geotechnical Data				
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
181.97	185.01	3.04	3.09	102	2.22	73		
185.01	188.06	3.05	3.07	101	1.53	50		
188.06	191.11	3.05	3.05	100	1.48	49		
191.11	194.16	3.05	3.00	98	2.26	74		
194.16	197.21	3.05	3.07	101	1.15	38		
197.21	200.25	3.04	2.93	96	0.79	26		
200.25	203.30	3.05	3.01	99	1.59	52		
203.30	206.35	3.05	3.05	100	2.17	71		
206.35	209.40	3.05	3.05	100	1.44	47		
209.40	212.45	3.05	3.04	100	1.71	56		highly fractured
212.45	215.49	3.04	3.02	99	1.70	56		
215.49	218.54	3.05	3.05	100	1.26	41		
218.54	221.59	3.05	3.03	99	1.12	37		
221.59	224.64	3.05	3.05	100	1.04	34		highly fractured
224.64	227.69	3.05	3.05	100	1.88	62		
227.69	230.73	3.04	3.05	100	0.95	31		
230.73	233.78	3.05	3.05	100	1.28	42		
233.78	236.83	3.05	3.02	99	1.36	45		highly fractured
236.83	239.88	3.05	2.55	84	0.57	19		highly fractured / rubble
239.88	242.93	3.05	3.05	100	0.79	26		
242.93	245.97	3.04	3.05	100	0.92	30		
245.97	249.02	3.05	2.96	97	1.15	38		
249.02	252.07	3.05	3.05	100	2.82	92		
252.07	255.12	3.05	3.03	99	2.87	94		
255.12	258.17	3.05	3.09	101	2.62	86		
258.17	261.21	3.04	3.02	99	2.26	74		
261.21	264.26	3.05	3.06	100	2.83	93		
264.26	267.31	3.05	3.06	100	2.80	92		
267.31	270.36	3.05	3.12	102	2.56	84		
270.36	273.41	3.05	3.02	99	2.13	70		
273.41	276.45	3.04	3.04	100	2.61	86		
276.45	279.50	3.05	3.02	99	2.88	94		
279.50	282.55	3.05	3.02	99	2.61	86		
282.55	285.60	3.05	3.01	99	2.43	80		
285.60	288.65	3.05	3.06	100	1.97	65		
288.65	291.69	3.04	3.11	102	1.68	55		
291.69	294.74	3.05	3.04	100	2.76	90		
294.74	297.79	3.05	3.03	99	2.64	87		
297.79	300.84	3.05	3.03	99	2.65	87		
300.84	303.89	3.05	2.93	96	2.41	79		
303.89	306.93	3.04	3.13	103	2.39	79		
306.93	309.98	3.05	3.02	99	2.47	81		
309.98	313.03	3.05	3.03	99	2.04	67		
313.03	316.08	3.05	3.17	104	2.26	74		
316.08	319.13	3.05	3.20	105	2.86	94		
319.13	325.22	6.09	2.92	48	2.56	42		6.09 m run?
325.22	328.27	3.05	2.97	97	2.09	69		
328.27	331.32	3.05	3.13	103	2.52	83		
331.32	334.37	3.05	3.10	102	2.47	81		
334.37	337.41	3.04	3.06	101	2.87	94		
337.41	340.46	3.05	3.15	103	2.71	89		
340.46	343.51	3.05	3.01	99	2.53	83		
343.51	346.56	3.05	3.04	100	2.59	85		
346.56	349.61	3.05	3.07	101	2.71	89		
349.61	352.65	3.04	3.06	101	1.28	42		
352.65	355.70	3.05	3.04	100	1.60	52		
355.70	358.75	3.05	3.05	100	2.46	81		
358.75	361.80	3.05	3.05	100	2.08	68		
361.80	364.85	3.05	3.04	100	1.82	60		

	HOLE ID: 11-PC-101			Geotechnical Data				
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
364.85	367.89	3.04	3.04	100	2.31	76		
367.89	370.94	3.05	3.05	100	2.03	67		
370.94	373.99	3.05	3.05	100	1.77	58		
373.99	377.04	3.05	3.05	100	1.63	53		
377.04	380.09	3.05	3.05	100	1.54	50		
380.09	383.13	3.04	3.05	100	1.80	59		
383.13	386.18	3.05	3.00	98	2.31	76		
386.18	389.23	3.05	3.05	100	2.25	74		
389.23	392.28	3.05	3.03	99	2.08	68		
392.28	395.33	3.05	3.05	100	2.54	83		
395.33	398.37	3.04	3.05	100	2.13	70		
398.37	401.42	3.05	3.04	100	2.67	88		
401.42	404.47	3.05	3.03	99	2.66	87		
404.47	407.52	3.05	3.05	100	2.51	82		
407.52	410.57	3.05	3.05	100	2.50	82		
410.57	413.61	3.04	3.05	100	2.62	86		
413.61	416.66	3.05	3.05	100	2.31	76		
416.66	419.71	3.05	3.03	99	2.33	76		
419.71	422.76	3.05	2.98	98	2.22	73		
422.76	425.81	3.05	3.05	100	2.64	87		
425.81	428.85	3.04	3.04	100	2.04	67		
428.85	431.90	3.05	3.05	100	2.00	66		
431.90	434.95	3.05	3.01	99	1.35	44		
434.95	438.00	3.05	3.05	100	1.36	45		
438.00	441.05	3.05	3.05	100	0.76	25		highly fractured
441.05	444.09	3.04	3.02	99	1.25	41		
444.09	447.14	3.05	3.02	99	1.63	53		
447.14	450.19	3.05	3.05	100	1.02	33		
450.19	453.24	3.05	3.03	99	1.78	58		
453.24	456.29	3.05	3.00	98	2.02	66		
456.29	459.33	3.04	3.01	99	2.52	83		
459.33	462.38	3.05	3.01	99	2.83	93		
462.38	465.43	3.05	2.87	94	2.25	74		
465.43	468.48	3.05	3.02	99	2.39	78		
468.48	471.53	3.05	3.06	100	1.70	56		
471.53	474.57	3.04	2.77	91	1.57	52		
474.57	477.62	3.05	3.03	99	2.30	75		
477.62	480.67	3.05	3.05	100	2.62	86		
480.67	483.72	3.05	3.04	100	2.42	79		
483.72	486.77	3.05	3.01	99	1.78	58		
486.77	489.81	3.04	3.01	99	2.16	71		
489.81	492.86	3.05	3.05	100	2.98	98		
492.86	495.91	3.05	3.04	100	2.84	93		
495.91	498.96	3.05	3.03	99	2.95	97		
498.96	502.01	3.05	2.97	97	2.86	94		EOH

Hole ID: 11-PC-101		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045819	2.66	5.66	3.00		1-2
1045820	5.66	8.66	3.00		2-3
1045821	8.66	11.66	3.00		3
1045822	11.66	14.66	3.00		3-4
1045823	14.66	17.66	3.00		4-5
1045824	17.66	20.66	3.00		5-6
1045825	20.66	23.66	3.00		6-7
1045826	20.66	23.66	3.00	Duplicate	6-7
1045827	23.66	26.66	3.00		7-8
1045828	26.66	29.66	3.00		8-9
1045829	29.66	32.66	3.00		9-10
1045830				Blank	
1045831	32.66	35.66	3.00		10-11
1045832	35.66	38.66	3.00		11-12
1045833	38.66	41.66	3.00		12-13
1045834				Std FCM-7	
1045835	41.66	44.66	3.00		13-14
1045836	44.66	47.66	3.00		14-15
1045837	47.66	50.66	3.00		15-16
1045838	50.66	53.66	3.00		16
1045839	53.66	56.66	3.00		16-17
1045840	56.66	59.66	3.00		17-18
1045841	59.66	62.66	3.00		18-19
1045842	62.66	65.66	3.00		19
1045843	62.66	65.66	3.00	Duplicate	19
1045844	65.66	68.66	3.00		19-20
1045845	68.66	71.66	3.00		20-21
1045846	71.66	74.66	3.00		21-22
1045847	74.66	76.76	2.10		22
1045848	76.76	79.76	3.00		22-23
1045849				Blank	
1045850	79.76	82.76	3.00		23
1045851	82.76	85.76	3.00		23-24
1045852	85.76	88.76	3.00		24-25
1045853	88.76	91.76	3.00		25-26
1045854	91.76	94.76	3.00		26
1045855				Std CM-8	
1045856	94.76	97.76	3.00		26-27
1045857	97.76	100.76	3.00		27-28
1045858	100.76	103.40	2.64		28
1045859	103.40	106.40	3.00		28-29
1045860	106.40	109.40	3.00		29-30
1045861	109.40	112.40	3.00		30
1045862	112.40	115.40	3.00		30-31
1045863	115.40	118.40	3.00		31-32
1045864	118.40	121.40	3.00		32
1045865				Blank	
1045866	121.40	124.40	3.00		32-33
1045867	124.40	127.40	3.00		33-34
1045868	127.40	130.40	3.00		34
1045869	127.40	130.40	3.00	Duplicate	34
1045870	130.40	133.40	3.00		34-35
1045871	133.40	136.40	3.00		35-36
1045872	136.40	139.40	3.00		36
1045873	139.40	142.25	2.85		36-37
1045874	142.25	142.95	0.70		37
1045875	142.95	145.95	3.00		37-38
1045876				Std CGS-27	

Hole ID: 11-PC-101		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045877	145.95	148.95	3.00		38-39
1045878	148.95	151.95	3.00		39
1045879	151.95	154.95	3.00		39-40
1045880	154.95	157.95	3.00		40-41
1045881	157.95	159.35	1.40		41
1045882	159.35	162.35	3.00		41-42
1045883	162.35	165.35	3.00		42
1045884				Blank	
1045885	165.35	168.35	3.00		42-43
1045886	168.35	171.35	3.00		43-44
1045887	171.35	174.35	3.00		44
1045888	171.35	174.35	3.00	Duplicate	44
1045889	174.35	177.35	3.00		44-45
1045890	177.35	180.35	3.00		45-46
1045891	180.35	183.35	3.00		46
1045892	183.35	186.35	3.00		46-47
1045893				Std CGS-27	
1045894	186.35	189.35	3.00		47-48
1045895	189.35	192.35	3.00		48
1045896	192.35	195.35	3.00		48-49
1045897	195.35	198.35	3.00		49-50
1045898	198.35	201.35	3.00		50-51
1045899	201.35	204.35	3.00		51
1045900	204.35	207.35	3.00		51-52
1045901	207.35	210.35	3.00		52-53
1045902	210.35	213.35	3.00		53
1045903	213.35	216.35	3.00		53-54
1045904	216.35	219.35	3.00		54-55
1045905	219.35	222.35	3.00		55
1045906	222.35	225.35	3.00		55-56
1045907	225.35	228.35	3.00		56-57
1045908	228.35	231.35	3.00		57
1045909	231.35	234.35	3.00		57-58
1045910	234.35	237.35	3.00		58-59
1045911				Blank	
1045912	237.35	240.35	3.00		59
1045913	237.35	240.35	3.00	Duplicate	59
1045914	240.35	243.35	3.00		59-60
1045915	243.35	246.35	3.00		60-61
1045916	246.35	249.35	3.00		61
1045917	249.35	252.35	3.00		61-62
1045918	252.35	255.35	3.00		62-63
1045919				Std CM-8	
1045920	255.35	258.35	3.00		63
1045921	258.35	261.35	3.00		63-64
1045922	261.35	264.35	3.00		64-65
1045923	264.35	267.35	3.00		65
1045924	264.35	267.35	3.00	Duplicate	65
1045925	267.35	270.35	3.00		65-66
1045926	270.35	273.35	3.00		66-67
1045927	273.35	276.35	3.00		67-68
1045928	276.35	279.35	3.00		68
1045929				Blank	
1045930	279.35	282.35	3.00		68-69
1045931	282.35	285.35	3.00		69-70
1045932	285.35	288.35	3.00		70
1045933	288.35	291.35	3.00		70-71
1045934	291.35	294.35	3.00		71-72

Hole ID: 11-PC-101		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045935	294.35	297.35	3.00		72
1045936	297.35	300.35	3.00		72-73
1045937	300.35	303.35	3.00		73-74
1045938				Std FCM-7	
1045939	303.35	306.35	3.00		74
1045940	306.35	309.35	3.00		74-75
1045941	309.35	312.35	3.00		75-76
1045942	312.35	315.35	3.00		76
1045943	315.35	318.35	3.00		76-77
1045944	318.35	321.35	3.00		77-78
1045945	321.35	324.35	3.00		78
1045946	321.35	324.35	3.00	Duplicate	78
1045947	324.35	327.35	3.00		78-79
1045948	327.35	330.35	3.00		79-80
1045949	330.35	333.35	3.00		80-81
1045950	333.35	336.35	3.00		81
1045951				Blank	
1045952	336.35	339.35	3.00		81-82
1045953	339.35	342.35	3.00		82-83
1045954	342.35	345.35	3.00		83
1045955	345.35	348.35	3.00		83-84
1045956				Std FCM-7	
1045957	348.35	351.35	3.00		84-85
1045958	351.35	354.35	3.00		85
1045959	354.35	357.35	3.00		85-86
1045960	357.35	360.35	3.00		86-87
1045961	360.35	363.35	3.00		87
1045962	363.35	366.35	3.00		87-88
1045963	366.35	369.35	3.00		88-89
1045964	369.35	372.35	3.00		89
1045965	369.35	372.35	3.00	Duplicate	89
1045966	372.35	375.35	3.00		89-90
1045967	375.35	378.35	3.00		90-91
1045968	378.35	381.35	3.00		91
1045969				Blank	
1045970	381.35	384.35	3.00		91-92
1045971	384.35	387.35	3.00		92-93
1045972	387.35	390.35	3.00		93
1045973	390.35	393.35	3.00		93-94
1045974	393.35	396.35	3.00		94-95
1045975				Std CM-8	
1045976	396.35	399.35	3.00		95
1045977	399.35	402.35	3.00		95-96
1045978	402.35	405.35	3.00		96-97
1045979	405.35	408.35	3.00		97
1045980	408.35	411.35	3.00		97-98
1045981	411.35	414.35	3.00		98-99
1045982	414.35	417.35	3.00		99
1045983	417.35	420.35	3.00		99-100
1045984	420.35	423.35	3.00		100-101
1045985				Blank	
1045986	423.35	426.35	3.00		101
1045987	426.35	429.35	3.00		101-102
1045988	429.35	432.35	3.00		102-103
1045989	432.35	435.35	3.00		103
1045990	432.35	435.35	3.00	Duplicate	103
1045991	435.35	438.35	3.00		103-104
1045992	438.35	441.80	3.45		104-105

Hole ID: 11-PC-101		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1045993	441.80	444.80	3.00		105-106
1045994	444.80	447.80	3.00		106
1045995				Std CGS-27	
1045996	447.80	450.80	3.00		106-107
1045997	450.80	453.80	3.00		107-108
1045998	453.80	456.80	3.00		108
1045999	456.80	459.80	3.00		108-109
1046000	459.80	462.80	3.00		109-110
1046001	462.80	465.80	3.00		110-111
1046002	465.80	468.80	3.00		111
1046003	468.80	471.80	3.00		111-112
1046004	471.80	474.80	3.00		112-113
1046005	474.80	477.80	3.00		113
1046006	474.80	477.80	3.00	Duplicate	113
1046007	477.80	480.80	3.00		113-114
1046008	480.80	483.80	3.00		114-115
1046009	483.80	486.80	3.00		115
1046010	486.80	489.80	3.00		115-116
1046011	489.80	492.80	3.00		116-117
1046012				Blank	
1046013	492.80	495.80	3.00		117
1046014	495.80	498.80	3.00		117-118
1046015	498.80	502.01	3.21		118-119
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-102	Easting (NAD 83): 631494	Core Size: HQ & NQ	DDH Started: Sept 18 2011
	Northing (NAD 83): 5986644	Hole Azimuth: 354	DDH Finished: Sept 23 2011
Property: Poplar Deposit	Elevation: 904m	Hole Angle: -70	Log Completed:Sept 30 2011
	Source: GPS	Total Depth: 450.19m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A.Clayton. A.Green
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	354.0	-73.0
105.77	353.1	-73.8
200.25	357.8	-72.6
303.89	4.4	-71.6
450.19	13.8	-70.1

Summary:	11-PC-102 (PDH-O) was
designed to test the southwestern margin of the main zone mineralization. The hole collars in volcanic rocks at 8.55m and alteranates between volc and quartz monzanite over the upper 65m. The remaining portion of the hole is feldspar porphyritic quartz monzanite that is weakly to moderately potassicaly altered with fewer intervals where propylitic alteration appears more dominant, propylitic alt is thought to be later and locally overprinting the potassic alteration. Trace cpy-mo is observed from 129m to the end of the hole at 450.19m, locally cpy is slightly more abundant within late qtz veins. Possible local tetrahedrite at 169.45m. The azimuth of this hole deviated from 354 to 13.8 degrees and shallowed from -73 to -70.1.	

Lions Gate Metals

Hole ID: 11-PC-102			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0	8.55	OVB							
8.55	28.34	volc	Very Fine Grained Brown Volcanic Sediments	8.55	28.34	2-4			Sulphides make up 2-4% locally 7% of the unit,
									commonly finely diss throughout the rock
			Very fine grained brown volcanic sediment, dominantly massive						preferenitally on fractures and within
			with local weak to very weak bedding. Randomly oriented stockwork						stockwork and late qtz veins.
			makes up 5-7% of the unit, mm scale qtz-py with dark grey 5-10mm						diss>vns
			alteration halos, chlorite?. Rock is very broken, partially due to						
			being the top of the hole as well as the nature of the volcanics.						
			Alteration is observed as halos around stockwork and late qtz-calcite						
			vns.						
			Sulphides make up 2-4% up to 7% of the unit, commonly finely diss						
			throughout the rock preferentially on fracture faces and within late						
			vns and stockwork.						
			13.50-14.36m flds pph qtz mnz, light grn-grey, clay alt + calcite.						
28.34	31.52	qtz mnz	Fine Grained Flds Porphyritic Qtz Monzanite	28.34	31.52	3-4			Sulphides make up 3-4%, locally up to 7%.
									Dominantly diss throughout the rock, also
			Light dirty gry-grn flds pph qtz mnz. Flds phneos are 1-2mm, subhedral						evident on fractures and within vns.
			locally euhedral, make up 15-20% of the unit.						diss>vns
			The rock appears locally chlorite alt around vns and where its more						
			pervassive the alt imparts a spotted appearance on the rock.						
			Very weak clay coatings on fractures.						
			Sulphides make up 3-4% locally up to 7% dominantly diss throughout						
			although also evident on fractures and within vns.						
			Sharp upper and lower contacts with volc sediments.						
31.52	47.05	volc	Very Fine Grained Grey - Brown Volcanic Sediments	31.52	47.05	2-4			Sulphides are diss throughout the rock, locally
									forms 2-3cm 'blebs' and concentrated on
			Same as the 8.55-28.34m interval.						fractures and within stockwork and late qtz vns.
			Very fine grained dominantly massive, randomly oriented stockwork						Weak chlorite alt around sulphides, or
			makes up 3-4% of the unit, mm scale qtz-py with alteration halos.						sulphides occur preferentially within chlorite
			Rock appears more grey than brown at the lower contact.						alt sites.
			Sulphides make up 2-4% of the unit, diss>vns. Locally sulphides form						No observed cpy or mo.
			2-3cm 'blebs'.						
47.05	53.60	qtz mnz	Light Dirty Grey Spotted Flds Porphyritic Quartz Monzanite	47.05	53.60	3-5			Sulphides are diss throughout the rock, also

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Series	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
8.55	28.34	vw					Alteration is most commonly observed as	8.55	28.34	stwk		5-7%	Randomly oriented stockwork makes up 5-7% of
							5-10mm halos around stockwork and late						the unit, qtz-py, 5-10mm alt halos.
							veins, dark grey-grn, chlorite? Weak clay	8.55	28.34	vn	25-30	1-2%	Late qtz-py veins, commonly clay alt with sheared
							coatings on fractures locally with very fine						very fine grained py gives a black appearance.
							py, gives a black appearance. Infilling late						
							calcite.						
28.34	31.52	w					The rock appears locally chlorite alt around	28.34	31.52	stwk		1-2%	Randomly oriented stockwork is still observed
							vns and where its more pervassive the alt						although appears to be much less abundant
							imparts a spotted appearance on the rock.						than within the volc sediment.
31.52	47.05	w					5-10mm med grn-gry alteration halos form	31.52	47.05	stwk		3-4%	Randomly oriented stockwork qt-py makes up
							around stockwork and late vns as well as						3-4% of the unit.
							sulphide 'blebs', belived to be chlorite.	47.04	47.05	cnt			Sharp lower contact, 2-4mm clay coating, appears
							Weak clay coatings on select fractures,						black due to very associated sooty py?
							late infilling calcite.						
47.05	53.60	w			w		Alteration imparts a spotted appearance	47.05	53.60	vn	5-10	1-2%	Late qtz-py-calcite veins make up 1-2% of the unit.

Lions Gate Metals

Hole ID: 11-PC-102			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
									occur within late qtz-calcite veins where py
			Fine grained flds pph qtz mnz, flds phenos are 1-2mm, sub-euhedral						makes up 25-50% of the vn.
			and make up 20-25% of the unit. Spotted appearance is due to						No observed cpy or mo.
			preferential qtz-chlorite alt of the matrix, spots appear dark gry-grn.						
			Late qtz-py-calcite vns make up 1-2% of the unit.						
			Sulphides are dominantly diss throughout the rock, making up 3-5%						
			of the unit, also occur within late veins.						
53.60	65.62	volc	Very Fine Grained Brown - Grey Volcanic Sediment.	53.60	65.52	3-4			Sulphides make up 3-4% of the unit and are
									dominantly associated with stockwork. Also
			Very fine grained, massive brown to grey volc sed. This interval is very						observed as 1-2mm coatings on fractures and
			broken, randomly oriented stockwork makes up 4-5% of the unit,						locally diss throughout the rock.
			consisting of qtz-py with 5-10mm alteration halos of qtz-chlorite?						
			1-2% late qtz-calcite vns with up to 10% associated py.						
			Sulphides make up 3-4% of the unit and are dominantly associated						
			with stockwork and as 1-2mm coatings on fractures, also diss						
			throughout the rock.						
65.62	134.21	qtz mnz	Light Grey-Green Flds Porphyritic Quartz Monzanite	65.52	129.17	2-3			Sulphides are diss throughout the rock,
									preferentially where mafics are alt to chlorite.
			Light grey-green flds pph qtz mnz, flds phenos are 1-3mm and						Sulphides also occur within late qtz veins and
			commonly indistinct, subhedral and make up 15-25% of the rock.						in weak stockwork which makes up 2-3% of the
			Rock is easily scratched, local weak silicification, propylitic-chlorite						unit.
			alteration around vns and locally imparts a spotted appearance						Py with no observed cpy or mo
			where there is preferential alteration of more mafic sites. Weak to						
			moderate clay alt on fractures and locally more pervassive where						
			rock is more broken or weakly sheared.						
			Sulphides are diss throughout the rock preferentially at alt mafic						
			sites. Sulphides are also observed within late qtz veins and in weak						
			stockwork.						
			121.64-122.10m brown-maroon mafic dyke, 2-4% caclite filled						
			vesicles, dyke has overall moderate effervessence. No						
			observed mineralization.						
134.21	450.19	qtz mnz	Light Grey Pink Flds Porphyritic Quartz Monzanite	134.21	450.19	4-5	tr	tr	Sulphides make up 4-5% of the unit and are
	EOH								most commonly observed diss throughout the
			Light grey-pink locally grn flds pph qtz mnz. Flds phenos make up						rock, also within late qtz-dol or qtz-fluorite vns
			20-30% of the rock, subhedral, 2-3mm locally weakly sericite alt						and as weak coatings on select fractures.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Series	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							where qtz-chlorite preferenitally alt the						Py locally makes up 50% of the veins.
							matrix of the unit. Late calcite infills	53.59	53.60	cnt	80-90		Lower contact is sharp and unaltered.
							fractures and open space in veins, weak						
							clay coatings on fractures.						
53.60	65.52	w					Alteration is observed as 5-10mm halos	53.60	65.52	stwk		4-5%	Randomly oriented stockwork makes up 4-5% of
							around stockwork and veins, qtz-chlorite?.						the unit, consists of qtz-py.
							The unit is very broken and weak clay	64.20	65.52	bx			Weak-mod matrix supported breccia, rock is
							coatings are common on fractures.						also very broken through this interval, Breccia
													matrix consists of dol-calcite.
65.52	134.21	w-m			vw		Alteration is most evident as qtz-chlorite	65.52	134.21	vns	15-30	1-2%	Late qtz-py veins make up 1-2% of the rock and
							halos around veins and stockwork.						are commonly vuggy. Most commonly found
							Relict mafic sites are also chlorite alt						30 tca, 2-4cm wide with 40-60% py.
							which locally imparts a spotted appearance	65.52	134.21	stwk		3-4%	Randomly oriented stockwork makes up 3-4% of
							and commonly hosts 1-2mm py blebs.						the unit. Qtz-py with qtz-chlorite halos 5-15mm
							Local v weak to weak silicification over	81.38	85.25	shr zn		mod	Shear zone where rock is moderately to strongly
							1-2m intervals. Clay coatings on fractures						clay alt, rock is very crumbly and locally is nearly
							are common and locally rock is mod clay						gouge.
							alt where it has been weakly sheared? And						
							as a result is very weak and crumbly.						
134.21	213.36	w	w		w	w	Alteration is dominated by w potassic alt	134.21	450.19	vns	40-50	3-4%	Late qtz-dol or qtz fluorite vns make up 3-4% of the
							and silicification, late vns and stockwork				0-20		rock, commonly contain py +/- cpy,mo and locally
							have 1-4cm qtz-chlorite alt halos. Weak to						tetrahedrite? and sphalerite? Qtz fluorite vns are
							very weak propylitic alt overprints the pot						more common than qtz-dol. 1-2cm alt halos

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-102		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
8.55	11.28	2.73	2.64	97	1.44	53		No block to start, est. 8.55m.
11.28	14.33	3.05	3.05	100	2.32	76		
14.33	17.37	3.04	3.05	100	2.22	73		
17.37	20.42	3.05	2.74	90	1.69	55		
20.42	23.47	3.05	2.76	90	1.70	56		
23.47	26.52	3.05	3.04	100	2.30	75		
26.52	29.57	3.05	3.05	100	2.44	80		
29.57	32.61	3.04	2.53	83	1.96	64		
32.61	35.66	3.05	3.05	100	2.20	72		
35.66	38.71	3.05	2.80	92	2.00	66		
38.71	41.76	3.05	3.02	99	2.49	82		
41.76	44.81	3.05	3.01	99	2.42	79		
44.81	47.85	3.04	2.90	95	1.06	35		Highly fractured
47.85	50.90	3.05	3.00	98	1.12	37		Highly fractured
50.90	53.95	3.05	2.99	98	2.25	74		
53.95	57.00	3.05	3.05	100	0.71	23		Highly fractured
57.00	60.05	3.05	3.05	100	0.10	3		Highly fractured
60.05	63.09	3.04	3.05	100	0.34	11		Highly fractured & ruble
63.09	66.14	3.05	2.64	87	0.59	19		Ruble
66.14	69.19	3.05	3.05	100	1.33	44		
69.19	72.24	3.05	3.05	100	1.17	38		Highly fractured
72.24	75.29	3.05	3.05	100	0.48	16		Highly fractured
75.29	78.33	3.04	3.05	100	1.19	39		Highly fractured & ruble
78.33	81.38	3.05	3.05	100	0.68	22		Highly fractured & crumbly
81.38	84.43	3.05	3.05	100	0.71	23		Highly fractured
84.43	87.48	3.05	3.05	100	0.15	5		
87.48	90.53	3.05	3.05	100	1.55	51		
90.53	93.57	3.04	2.90	95	1.62	53		
93.57	96.62	3.05	2.90	95	1.39	46		Hq to Nq 94.74 m
96.62	99.67	3.05	3.05	100	1.69	55		Highly fractured
99.67	102.72	3.05	3.05	100	1.90	62		
102.72	105.77	3.05	3.05	100	1.86	61		
105.77	108.81	3.04	3.00	99	2.15	71		
108.81	111.86	3.05	3.05	100	2.01	66		
111.86	114.91	3.05	3.05	100	1.51	50		
114.91	117.96	3.05	3.05	100	2.45	80		
117.96	121.01	3.05	3.05	100	1.86	61		
121.01	124.05	3.04	3.05	100	0.56	18		
124.05	127.10	3.05	2.90	95	1.01	33		
127.10	130.15	3.05	3.04	100	1.10	36		
130.15	133.20	3.05	3.04	100	2.62	86		
133.20	136.25	3.05	3.02	99	2.39	78		
136.25	139.29	3.04	3.03	100	2.59	85		
139.29	142.34	3.05	3.06	100	2.97	97		
142.34	145.39	3.05	3.01	99	2.83	93		
145.39	148.44	3.05	3.05	100	2.49	82		
148.44	151.49	3.05	3.02	99	2.20	72		
151.49	154.53	3.04	3.06	101	2.58	85		
154.53	157.58	3.05	3.07	101	2.40	79		
157.58	160.63	3.05	2.99	98	2.50	82		
160.63	163.68	3.05	3.04	100	2.59	85		
163.68	166.73	3.05	3.03	99	2.70	89		
166.73	169.77	3.04	3.04	100	2.37	78		
169.77	172.82	3.05	3.04	100	2.66	87		
172.82	175.87	3.05	3.06	100	2.84	93		
175.87	178.92	3.05	3.05	100	2.72	89		
178.92	181.97	3.05	3.02	99	2.64	87		
181.97	185.01	3.04	2.99	98	2.67	88		
185.01	188.06	3.05	2.97	97	2.33	76		

Hole ID: 11-PC-102		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
188.06	191.11	3.05	3.10	102	2.62	86		
191.11	194.16	3.05	3.05	100	2.34	77		
194.16	197.21	3.05	3.04	100	2.36	77		
197.21	200.25	3.04	3.04	100	2.79	92		
200.25	203.30	3.05	3.07	101	2.57	84		
203.30	206.35	3.05	3.04	100	2.72	89		
206.35	209.40	3.05	3.10	102	1.64	54		Highly fractured mid run
209.40	212.45	3.05	3.07	101	2.15	70		
212.45	215.49	3.04	3.04	100	1.71	56		Highly fractured end of run
215.49	218.54	3.05	2.99	98	2.03	67		
218.54	221.59	3.05	3.00	98	2.48	81		
221.59	224.64	3.05	3.02	99	2.67	88		
224.64	227.69	3.05	2.99	98	2.46	81		
227.69	230.73	3.04	3.08	101	2.60	86		
230.73	233.78	3.05	3.05	100	2.95	97		
233.78	236.82	3.04	3.03	100	2.72	89		
236.82	239.88	3.06	3.05	100	2.62	86		
239.88	242.93	3.05	3.00	98	2.66	87		
242.93	245.97	3.04	3.04	100	2.98	98		
245.97	249.02	3.05	3.07	101	2.99	98		
249.02	252.07	3.05	3.06	100	2.71	89		
252.07	255.12	3.05	3.02	99	2.68	88		
255.12	258.17	3.05	3.02	99	2.58	85		
258.17	261.21	3.04	3.03	100	2.91	96		
261.21	264.26	3.05	3.01	99	2.78	91		
264.26	267.31	3.05	3.04	100	2.57	84		
267.31	270.36	3.05	3.03	99	2.73	90		
270.36	273.41	3.05	3.08	101	2.76	90		
273.41	276.45	3.04	3.01	99	2.78	91		
276.45	279.50	3.05	3.02	99	2.76	90		
279.50	282.55	3.05	3.04	100	2.32	76		Moderate fractures
282.55	285.60	3.05	3.05	100	2.10	69		Moderate fractures
285.60	288.65	3.05	3.00	98	2.02	66		Highly fractured. Blk in wrong spc
288.65	291.69	3.04	3.02	99	2.00	66		Mod. fractures top of run; rounded
291.69	294.74	3.05	2.99	98	2.73	90		
294.74	297.79	3.05	3.04	100	2.82	92		
297.79	300.84	3.05	3.08	101	2.82	92		
300.84	303.89	3.05	3.03	99	2.88	94		
303.89	306.93	3.04	3.05	100	2.68	88		
306.93	309.98	3.05	3.02	99	2.30	75		
309.98	313.03	3.05	3.03	99	2.24	73		Moderate fractures
313.03	316.08	3.05	3.02	99	2.66	87		
316.08	319.13	3.05	3.01	99	1.87	61		
319.13	322.17	3.04	3.05	100	2.49	82		
322.17	325.22	3.05	3.01	99	1.35	44		Moderate fractures
325.22	328.27	3.05	3.07	101	2.15	70		
328.27	331.32	3.05	3.02	99	2.68	88		
331.32	334.37	3.05	3.01	99	2.75	90		
334.37	337.41	3.04	3.06	101	2.70	89		
337.41	340.46	3.05	3.03	99	3.01	99		
340.46	343.51	3.05	3.09	101	2.85	93		
343.51	346.56	3.05	3.02	99	2.81	92		
346.56	349.61	3.05	3.08	101	2.82	92		
349.61	352.65	3.04	2.97	98	2.68	88		
352.65	355.70	3.05	3.09	101	2.84	93		
355.70	358.75	3.05	2.95	97	2.66	87		
358.75	361.80	3.05	3.05	100	2.82	92		
361.80	364.85	3.05	3.04	100	2.84	93		
364.85	367.89	3.04	3.00	99	2.84	93		

Hole ID: 11-PC-102		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
367.89	370.94	3.05	2.96	97	2.12	70		
370.94	373.99	3.05	3.03	99	2.94	96		
373.99	377.04	3.05	3.09	101	2.96	97		
377.04	380.09	3.05	3.06	100	2.81	92		
380.09	383.13	3.04	2.97	98	2.63	87		
383.13	386.18	3.05	3.07	101	2.75	90		
386.18	389.23	3.05	3.04	100	2.45	80		
389.23	392.28	3.05	3.00	98	2.70	89		
392.28	395.33	3.05	3.03	99	2.80	92		
395.33	398.37	3.04	3.04	100	2.74	90		
398.37	401.42	3.05	3.06	100	2.80	92		
401.42	404.47	3.05	3.04	100	2.64	87		
404.47	407.52	3.05	3.05	100	2.73	90		
407.52	410.57	3.05	3.05	100	2.86	94		
410.57	413.61	3.04	3.03	100	2.60	86		
413.61	416.66	3.05	3.06	100	2.75	90		
416.66	419.71	3.05	3.03	99	2.45	80		
419.71	422.76	3.05	3.02	99	2.81	92		
422.76	425.81	3.05	3.06	100	2.50	82		
425.81	428.85	3.04	3.05	100	2.79	92		
428.85	431.90	3.05	3.01	99	2.48	81		
431.90	434.95	3.05	3.07	101	2.95	97		
434.95	438.00	3.05	3.06	100	2.53	83		
438.00	441.05	3.05	3.05	100	2.64	87		
441.05	444.09	3.04	3.04	100	2.77	91		
444.09	447.14	3.05	3.00	98	2.66	87		
447.14	450.19	3.05	2.91	95	2.91	95		EOH

Hole ID: 11-PC-102		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046016	8.55	11.55	3.00		1
1046017	11.55	14.55	3.00		1-2
1046018				Std CGS-27	
1046019	14.55	17.55	3.00		2-3
1046020	17.55	20.55	3.00		3-5
1046021	20.55	23.55	3.00		5-6
1046022	23.55	26.55	3.00		6-7
1046023	26.55	28.34	1.79		7
1046024	28.34	31.52	3.18		7-8
1046025				Blank	
1046026	31.52	34.52	3.00		8-9
1046027	34.52	37.52	3.00		9-10
1046028	37.52	40.52	3.00		10-11
1046029	37.52	40.52	3.00	Duplicate	10-11
1046030	40.52	43.52	3.00		11-12
1046031	43.52	47.05	3.53		12-13
1046032	47.05	50.05	3.00		13-14
1046033	50.05	53.60	3.55		14-15
1046034	53.60	56.60	3.00		15-16
1046035	56.60	59.60	3.00		16-17
1046036	59.60	62.60	3.00		17-18
1046037	62.60	65.52	2.92		18-19
1046038				Std FCM-7	
1046039	65.52	68.52	3.00		19-20
1046040	68.52	71.52	3.00		20-21
1046041	71.52	74.52	3.00		21-22
1046042	74.52	77.52	3.00		22-23
1046043				Blank	
1046044	77.52	80.52	3.00		23-24
1046045	80.52	83.52	3.00		24-25
1046046	83.52	86.52	3.00		25-26
1046047	86.52	89.52	3.00		26-27
1046048	89.52	92.52	3.00		27-28
1046049	92.52	95.52	3.00		28-29
1046050	92.52	95.52	3.00	Duplicate	28-29
1046051	95.52	98.52	3.00		29
1046052	98.52	101.52	3.00		29-30
1046053	101.52	104.52	3.00		30-31
1046054	104.52	107.52	3.00		31
1046055	107.52	110.52	3.00		31-32
1046056	110.52	113.52	3.00		32-33
1046057	113.52	116.52	3.00		33
1046058				Std FCM-7	
1046059	116.52	119.52	3.00		33-34
1046060	119.52	122.52	3.00		34-35
1046061	122.52	125.52	3.00		35-36
1046062	125.52	128.52	3.00		36
1046063	128.52	131.52	3.00		36-37
1046064	128.52	131.52	3.00	Duplicate	36-37
1046065	131.52	134.21	2.69		37-38
1046066	134.21	137.21	3.00		38
1046067	137.21	140.21	3.00		38-39
1046068				Blank	
1046069	140.21	143.21	3.00		39-40
1046070	143.21	146.21	3.00		40
1046071	146.21	149.21	3.00		40-41
1046072	149.21	152.21	3.00		41-42
1046073	152.21	155.21	3.00		42

Hole ID: 11-PC-102		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046074	155.21	158.21	3.00		42-43
1046075	158.21	161.21	3.00		43-44
1046076	161.21	164.21	3.00		44-45
1046077				Std CM-8	
1046078	164.21	167.21	3.00		45
1046079	167.21	170.21	3.00		45-46
1046080	170.21	173.21	3.00		46-47
1046081	173.21	176.21	3.00		47
1046082	176.21	179.21	3.00		47-48
1046083	179.21	182.21	3.00		48-49
1046084	182.21	185.21	3.00		49
1046085				Blank	
1046086	185.21	188.21	3.00		49-50
1046087	188.21	191.21	3.00		50-51
1046088	191.21	194.21	3.00		51
1046089	191.21	194.21	3.00	Duplicate	51
1046090	194.21	197.21	3.00		51-52
1046091	197.21	200.21	3.00		52-53
1046092	200.21	203.21	3.00		53
1046093	203.21	206.21	3.00		53-54
1046094	206.21	209.21	3.00		54-55
1046095	209.21	212.21	3.00		55
1046096				Std CGS-27	
1046097	212.21	215.21	3.00		55-56
1046098	215.21	218.21	3.00		56-57
1046099	218.21	221.21	3.00		57
1046100	221.21	224.21	3.00		57-58
1046101	224.21	227.21	3.00		58-59
1046102	227.21	230.21	3.00		59-60
1046103	230.21	233.21	3.00		60
1046104	233.21	236.21	3.00		60-61
1046105	236.21	239.21	3.00		61-62
1046106	239.21	242.21	3.00		62
1046107	239.21	242.21	3.00	Duplicate	62
1046108	242.21	245.21	3.00		62-63
1046109	245.21	248.21	3.00		63-64
1046110	248.21	251.21	3.00		64
1046111				Blank	
1046112	251.21	254.21	3.00		64-65
1046113	254.21	257.21	3.00		65-66
1046114	257.21	260.21	3.00		66
1046115	260.21	263.21	3.00		66-67
1046116				Std CGS 27	
1046117	263.21	266.21	3.00		67-68
1046118	266.21	269.21	3.00		68
1046119	269.21	272.21	3.00		68-69
1046120	272.21	275.21	3.00		69-70
1046121	275.21	278.21	3.00		70
1046122	278.21	281.21	3.00		70-71
1046123	281.21	284.21	3.00		71-72
1046124	284.21	287.21	3.00		72
1046125	284.21	287.21	3.00	Duplicate	72
1046126	287.21	290.21	3.00		72-73
1046127	290.21	293.21	3.00		73-74
1046128	293.21	296.21	3.00		74
1046129	296.21	299.21	3.00		74-75
1046130				Blank	
1046131	299.11	302.21	3.10		75-76

Hole ID: 11-PC-102		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046132	302.21	305.21	3.00		76
1046133	305.21	308.21	3.00		76-77
1046134	308.21	311.21	3.00		77-78
1046135	311.21	314.21	3.00		78
1046136				Std FCM-7	
1046137	314.21	317.21	3.00		78-79
1046138	317.21	320.21	3.00		79-80
1046139	320.21	323.21	3.00		80-81
1046140	323.21	326.21	3.00		81
1046141	326.21	329.21	3.00		81-82
1046142	329.21	332.21	3.00		82-83
1046143	332.21	335.21	3.00		83
1046144	335.21	338.21	3.00		83-84
1046145				Blank	
1046146	338.21	341.21	3.00		84-85
1046147	341.21	344.21	3.00		85
1046148	341.21	344.21	3.00	Duplicate	85
1046149	344.21	347.21	3.00		85-86
1046150	347.21	350.21	3.00		86-87
1046151	350.21	353.21	3.00		87
1046152	353.21	356.21	3.00		87-88
1046153	356.21	359.21	3.00		88-89
1046154	359.21	362.21	3.00		89
1046155	362.21	365.21	3.00		89-90
1046156	365.21	368.21	3.00		90-91
1046157	368.21	371.21	3.00		91
1046158				Std CM-8	
1046159	371.21	374.21	3.00		91-92
1046160	374.21	377.21	3.00		92-93
1046161	377.21	380.21	3.00		93-94
1046162	380.21	383.21	3.00		94
1046163	383.21	386.21	3.00		94-95
1046164	386.21	389.21	3.00		95-96
1046165	389.21	392.21	3.00		96
1046166	389.21	392.21	3.00	Duplicate	96
1046167	392.21	395.21	3.00		96-97
1046168	395.21	398.21	3.00		97-98
1046169	398.21	401.21	3.00		98
1046170	401.21	404.21	3.00		98-99
1046171				Blank	
1046172	404.21	407.21	3.00		99-100
1046173	407.21	410.21	3.00		100
1046174	410.21	413.21	3.00		100-101
1046175	413.21	416.21	3.00		101-102
1046176				Std FCM-7	
1046177	416.21	419.21	3.00		102
1046178	419.21	422.21	3.00		102-103
1046179	422.21	425.31	3.10		103-104
1046180	425.31	428.21	2.90		104
1046181	428.21	431.21	3.00		104-105
1046182	431.21	434.21	3.00		105-106
1046183	434.21	437.21	3.00		106
1046184	434.21	437.21	3.00	Duplicate	106
1046185	437.21	440.21	3.00		106-107
1046186	440.21	443.21	3.00		107-108
1046187				Blank	
1046188	443.21	446.21	3.00		108
1046189	446.21	449.21	3.00		108-109

Hole ID: 11-PC-102		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046190	449.21	450.19	0.98		109
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-103	Easting (NAD 83): 631494	Core Size: HQ & NQ	DDH Started: Sept 24 2011
	Northing (NAD 83): 5986644	Hole Azimuth: 354	DDH Finished: Sept 29 2011
Property: Poplar Deposit	Elevation: 904m	Hole Angle: -56	Log Completed: Oct 5 2011
	Source: GPS	Total Depth: 502.01m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	354.0	-56.0
102.72	355.1	-56.4
203.30	355.7	-56.6
303.89	355.5	-55.0
404.47	355.3	-56.8
502.10	355.3	-57.1

<p>Summary:</p> <p>11-PC-103 (PDH-O2) was a hole added to extend the main zone to the west. 11-PC-98 is drilled parallel to the east and 11-PC-105 collars to the northwest and drills south. The hole is varies between feldspar porphyritic quartz monzanite and volcanic rock over the upper 100m. The remainder of the hole is fld pph quartz monzanite. Very weak to moderate and locally strong potassic alteration is common, later propylitic alteration locally overprints the potassic alt. Cpy mineralization appears to be related to the strength of the potassic alteration, both appear strongest around 300m depth and decrease below 400m depth. Mineralization observed appears to support the current model.</p> <p>Deviation through this hole was minimal from 354 to 355.3 degrees and shallowed from -56 to -57.1. This is the first hole that the core tube stabilizer was used on.</p>
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Lions Gate Metals

Hole ID: 11-PC-103			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	13.51	OVB	Casing to 13.41m						
13.51	26.87	volc	Very Fine Grained Volcanic Sediments.	13.51	26.87	1-3			Sulphides are most commonly associated with
									stockwork and late veining. Very locally diss
			Medium brown very fine grained massive volcanic sediments.						through the rock proximal to late veins.
			Qtz - py stockwork, 1-2mm, makes up 5-7% of the unit, locally						Py also forms weak coatings on fracture faces.
			clay/sericite alt. Less dolomite + py in the stockwork, usually						diss<vns
			2-3mm wide = later vns, reopened stockwork?						
			Stockwork and later vns have 5-15mm alteration envelopes of						
			qtz +/- chlorite.						
			Sulphides make up 1-3% of the unit, py is most commonly observed						
			within stockwork and late veins, also as weak diss coatings on						
			fractures.						
26.87	30.43	qtz mnz	Light Grey Green Fld Porphyritic Quartz Monzanite.	26.87	30.43	2-4			Sulphides are most commonly diss throughout
									the rock, also within late qtz vns and along
			Light gry-grn fld pph qtz mnz, flds are generally 1-2mm, subhedral,						select fractures.
			making up 20-25% of the unit. Flds phenos are commonly clay-sericite						diss>vns
			alt and easily scratched. Propylitic alteration appears dominant						
			where qtz-chlorite halos form around veining and v weak stockwork						
			as well as locally forming "spots" throughout the rock.						
			Sulphides make up 2-4% of the unit, py is most commonly diss						
			throughout the rock, also associated with late vns and very weak						
			stockwork and as weak coatings on select fractures.						
30.43	46.36	volc	Very Fine Grained Volcanic Sediments.	30.43	46.36	1-3	tr		Sulphides are most commonly associated with
									stockwork and late veining. Very locally diss
			Medium brown very fine grained massive volcanic sediments.						through the rock proximal to late veins.
			Qtz - py stockwork, 1-2mm, makes up 5-7% of the unit, locally						Py also forms weak coatings on fracture faces.
			clay/sericite alt. Less dolomite + py in the stockwork, usually						Cpy observed at 33.85m diss on a fracture face.
			2-3mm wide = later vns, reopened stockwork?						diss<vns
			Stockwork and later vns have 5-15mm alteration envelopes of						
			qtz +/- chlorite.						
			1-3% sulphides, most commonly associated with stockwork and late						
			vns, locally form weak coatings on fractures and diss proximal to vns						
46.36	64.18	qtz mnz	Light Grey Green Fld Porphyritic Quartz Monzanite.	46.36	64.18	2-4			Sulphides are most commonly diss throughout

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth		Type	Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To		tca	Strength	
13.51	26.87	vw	vw		vw		Stockwork and late veins have 5-15mm alteration envelopes, qtz-chlorite.	18.89	19.52	bx		mod	Clast supported auto-breccia, matrix appears to be qt-calcite with local open spaces.
							Fractures commonly have 1-3mm coating of calcite also clay-sericite on fractures.	13.51	26.87	stwk		5-7%	Qtz-py stockwork makes up 5-7% of the unit, variable orientation, locally reopened by late qtz-dol-py veins.
								26.86	26.87	cnt			Steep undulatory intrusive contact, no increase in alteration.
26.87	30.43	w	w		w		Propylitic alteration appears dominant where qtz-chlorite halos form around veining and v weak stockwork, as well as locally forming "spots" throughout the rock.	26.87	30.43	stwk		1-2%	Weak stockwork makes up 1-2% of the unit, qtz-py.
								30.42	30.43	cnt			Sharp steep broken contact.
30.43	46.36	vw	vw		vw		Stockwork and late veins have 5-15mm alteration envelopes, qtz-chlorite.	30.43	46.36	stwk		5-7%	Qtz-py stockwork makes up 5-7% of the unit.
							Fractures commonly have 1-3mm coating of calcite also clay-sericite on fractures.	46.02	46.36	bx		weak	Rock is weakly brecciated at lower contact, clast supported, qtz-calcite matrix.
46.36	64.18	w	w		w		Propylitic alt is dominant, qtz-chlorite	46.36	64.18	vn	15-30	2-3%	Late qtz-py-dol veins, most commonly 30 tca,

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-103			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
194.16	222.85	qtz mnz	Potassically alt Pink-Brn Fld Porphyritic Quartz Monzanite	194.16	222.85	2-3	<1	<1	Sulphides are dominantly diss throughout the rock, also within late veins and forming weak coatings on fractures. Py>>cpy, cpy and mo are dominantly observed within late veins and diss on fractures.
			Medium pink-brn flds pph qtz mnz, flds are 2-4mm, subhedral, making up 20-25% of the unit, flds phenos are weakly clay-sericite alt over potassic alt intervals and locally sausseritized where propylitic alt is moderate.						Py is most commonly diss within the qtz mnz.
			Alteration is dominated by potassic alt + weak to locally moderate silicification. Magnetite forms veins and is locally 'flooded' throughout the rock. Qtz-chlorite halos form around vns and stwork.						Mo is very finely diss in late veins, within qtz, dol, gypsum or fluorite. Cpy is finer grained than py and coarser than mo, 1-2mm also most commonly found within late veins, locally diss within the qtz mnz.
			Late overprinting propylitic alt, chlorite replaces mafics propylitic alt is dominant from 219.48-222.85m.						
			Sulphides are dominantly diss throughout the rock, also within late veins and forming weak coatings on fractures. Py>> cpy, cpy and mo are dominantly observed within late veins and diss on fractures.						diss>vns
222.85	225.09	qtz mnz dyke	Brown Grey Fine Grained Flds Porphyritic Quartz Monzanite Dyke.	222.85	225.09	2-3	<<1		Sulphides are very finely diss throughout the rock, py >> cpy, no observed mo.
			Medium brn-gry fine to very fine grained flds pph qtz mnz dyke. Flds phenos are 1 to locally 2mm subhedral, local qtz phenos? Flds phenos make up 10-15% of the rock. Local blotchy green-pink, propylitic - potassic alteration? Select flds phenos have been replaces by calcite.						No late veins.
			Upper and lower contacts are sharp, weak shearing along the upper contact at 37 tca. Lower contact is 45 tca.						diss>>vns
			Sulphides are very finely diss throughout the rock, py>>cpy, no mo observed.						
			Appears to be the same composition as surrounding qtz mnz, just much finer grained.						
225.09	273.10	qtz mnz	Potassic-Propylitic alt Pink-Green Fld Porphyritic Quartz Monzanite.	225.09	273.10	2-3	<1	tr	Sulphides are dominantly diss throughout the rock, also within late veins and forming weak coatings on fractures. Py>>cpy, cpy and mo are dominantly observed within late veins and diss on fractures.
			Grn-gry to grn-pink fld pph qtz mnz. Fld phenos are 2-3mm up to 4mm, subhedral, making up 20-25% of the rock, commonly clay-sericite alt.						Py is most commonly diss within the qtz mnz.
			Late blotchy propylitic alt overprints weak potassic alt and weak propylitic-argillic alt. Chlorite alt is locally pervasive and commonly forms halos around late vns, also replaces mafic? Potassic alt varies from absent to w-mod over 2-5m intervals. Where potassic alt is absent rock is weaker with increased clay-sericite alt, also weak calcite coatings.						Mo is very finely diss in late veins, within qtz, dol, gypsum or fluorite. Cpy is finer grained than py and coarser than mo, 1-2mm, most commonly found within late veins, locally diss

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Comments	Structure					Comments
Depth		2 nd Clay	Serici	2 nd Bio	2 nd Sil	2 nd Ksp		Depth		Type	Angle tca	% or Strength	
From	To							From	To				
194.16	219.48	vw	vw	?	w	w-m	Potassic alt is dominant, locally late propylitic alt, where chlorite replaces mafic minerals. Qtz and chlorite form 5-10mm halos are vns and select stwk	194.16	222.85	vns	40-55	4-5%	Late veins commonly qtz-fluorite, qtz-dol, magnetite or very late infilling gypsum.
											25-35		Sulphides appear preferentially associated with these veins. Cpy and mo are almost exclusively within late vns.
219.48	222.85	w	w		vw		Propylitic alt is dominant over this interval flds phenos are weakly sausseritized, also locally clay alt, chlorite-qtz halos 5-10mm form around vns and stockwork. Propylitic is overprinting weak potassic alt, stronger here due to underlying dyke?	222.82	222.85	cnt	37		Sharp contact with fine grained fld pph qtz mnz dyke, 2-3cm qtz vein, very weak shearing.
222.85	225.09	vw	vw		vw	vw	Local blotchy grn-pink propylitic - potassic alteration. Dyke is vw-weakly silicified. Select fld phenos are replaced by calcite, commonly vw-weakly sericite-clay alt. Weak calcite coatings on fractures. Qtz mnz surrounding dyke appear to have stronger propylitic alt.	222.85	225.09	vn			No observed late veining.
								225.08	225.09	cnt	45		Sharp lower contact at 45 tca.
225.09	273.10	w	w		w	w	Propylitic alt is the most consistent over interval although not always the strongest late w-mod chlorite alt overprints weak to mod potassic alt or weak propylitic-argillic alteration. Chlorite alt is often blotchy and more commonly occurs as halos around late veins and "spots" where it has replaced mafics?	238.63	238.66	vn	40		Late qtz-gypsum vein,qtz forms sub-euhedrally in open space with py-cpy-mo with gypsum infill. Gypsum forms a nice 'window' into the vn 2-3%py, 1% cpy, 1% mo.
								238.63	273.10	vns	45	3-5%	Late veins are dominantly qtz-fluorite, qtz and qtz with later infiling gypsum. Syulphides locally make up 20-50% of the vein, especially the qtz-fluorite vns.
											20-35		Qtz fluorite vein contains up to 40-50% cpy.
								254.63	254.67	vn	45		

Lions Gate Metals

Hole ID: 11-PC-103			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Sulphides are observed diss throughout the rock, also within late veins and forming very weak coatings on fractures. Py>>cpy, py is most commonly diss while cpy and mo are observed almost exclusively within late veins.						within the qtz mnz.
									diss>vns
273.10	277.39	qtz mnz	Black Pink Fld Biotite Porphyritic Quartz Monzanite	273.10	277.39	2-3	<1		Sulphides make up 2-3% of the unit, dominantly
									finely diss throughout the unit, locally
			Black and pink fld bt pph qtz mnz, fld phenos appear ghost like, mod						associated with late veining or as weak
			to strong silica replacement of flds, subhedral making up 20-30%						coatings on fractures faces. Late veining is
			of the unit. Bioite phenos are sub to euhedral, largely unaltered,						v weak dominantly qtz or gypsum.
			2-3mm and make up 5% of the unit. Alteration is dominantly potassic						diss>>vns
			with mod to strong silcification, the interval has weak to mod						
			magnetism especially at the upper and lower contacts.						
			Sulphides make up 2-3% of the unit, dominantly finely diss throughout						
			the unit, locally associated with late veining or as weak coatings on						
			fracture faces. Late veining is weak and makes up only 1% of the unit,						
			vns are commonly qtz +/- sulphides or late gypsum veins with no						
			associated sulphides.						
277.39	307.26	qtz mnz	Medium Pink-Green Fld Porphyritic Quartz Monzanite	277.39	307.26	2-4	<1-1	tr	Pyrite is most commonly found disseminated
									throughout the rock, also within late veins.
			Medium pink-green fld pph qtz mnz, fld phenos are 1-3mm, commonly						Cpy is observed within late veins and proximal
			clay-sericite alt with local sausseritization and weak silicification.						to those veins, appears preferential to fluorite
			Alteration is dominantly weak to mod potassic alt with late						veins. Trace mo is observed finely diss within
			overprinting propylitic alt. Late propylitic alt is most commonly						late veins.
			observed as halos around veins and local chlorite alt "blotches"						diss>vns
			where mafics have been replaced and sulphides preferentially form.						
			Sulphides make up 2-4% of the unit, py is mostly observed diss						
			throughout the rock and within late veins. Cpy is most commonly						
			found within late veins and proximal to those veins. Trace mo is also						
			observed finely diss within late veins.						
307.26	314.53	qtz mnz	Black Pink Fld Biotite Porphyritic Quartz Monzanite	307.26	314.53	2-3	<1		Sulphides make up 2-3% of the unit, dominantly
									finely diss throughout the unit, locally
			Black and pink fld bt pph qtz mnz, fld phenos appear ghost like, mod						associated with late veining or as weak
			to strong silica replacement of flds, subhedral making up 20-30%						coatings on fracture faces. Late veining is weak
			of the unit. Bioite phenos are sub to euhedral, largely unaltered,						and dominantly qtz or qtz-calcite.
			2-3mm and make up 5% of the unit. Alteration is dominantly potassic						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Structure						
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth		Type	Angle tca	% or Strength	Comments
From	To	Clay		Bio	Sil	Ksp		From	To				
273.10	277.39		vw	w	m-s	m-s	Alteration is dominantly potassic with mod	273.10	277.39	vns	30-40	1-2%	Late veins make up 1-2% of the unit, dominantly
							to strong silicification, the interval is						infilling gypsum with local qtz + sulphide veins.
							weakly to moderately magnetitic,						
							especially at the upper and lower contact.						
							Late vns are qtz or infilling gypsum.						
277.39	307.26	vw	vw		w	w-m	Alteration is dominantly weak to mod	277.39	307.26	vn	25	3-4%	Late veins commonly consist of qtz-fluorite or qtz
							potassic alt with late overprinting				10		with later infilling gypsum. Qtz fluorite veins
							propylitic alt. Late propylitic alt is most				35		often have elevated cpy within the veins and at
							commonly observed as halos around veins						vein margins.
							and local chlorite alt "blotches" where	305.35	305.45	vn	20-30		Late qtz-fluorite vein with 7-10% cpy within the
							mafics have been replaced. Sulphides						vein.
							appear to preferenitlaly occur in the relict						
							mafic sites.						
307.26	314.53		vw	?	m-s	m	Alteration is dominantly potassic with mod	307.26	307.27	cnt			Upper contact is sharp and very irregular, appears
							to strong silicification, the interval is						that black (silica+magnetite +bt?) has flooded the
							weakly to moderately magnetitic.						matrix of the qtz mnz.
							Late vns are qtz or qtz-calcite.	314.52	314.53	cnt	30		Lower contact is sharp and appears to have the
							Fld phenos at the lower contact and						same "flooding" appearance as the upper contact
							proximal to a calcite vein at 309.85m are						lower contact is not as irregular.

Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							altered to sericite-clay, all other phenos are silicified.						
314.53	342.26	vw	vw		w-m	w-m	Dark pink pervasive potassic alt, late w-mod propylitic alt, chlorite foms 5-10mm halos around vns and imparts a spotted texture over the qtz mnz, locally weakly pervasive. Fld phenos are weakly silcified, overall moderate silicification. Very weak clay-sericite along selct vns and fractures. Fluorite veins are most common.	325.53	325.60	vn	32		Late 6cm pink-orange fluorite-anhydrite? Vein with py-cpy-mo at vein margins and locally finely diss within vein. 5% py, 5% cpy tr mo.
								330.79	330.93	dyk	45-50		Small black fld pph dyke, weak-mod magnetism, fld phenos are weakly silicifiied.
								314.53	502.01	vns	35-45	2-3%	Late veins make up 2-3% of the unit, localy up to 5%.Commonly qtz, qtz-fluorite, dol, dol-calcite py-cpy-mo are commonly associated with late vns cpy appears preferenially associated with fluorite
342.26	349.19	w	w		w		Light buff-gry to green, grades out of potassic alt to dominantly weak propylitic alt. Fld phenos are weakly clay-sericite altered with local weak sausseritization. Weak silicification is common. Dolomite-calcite veins with lesser qtz are common.	314.53	502.01	stwk		3-4%	Weak mm scale stockwork makes up 3-4% of the unit, commonly qtz+/-sulphides (<<py). Appears most commonly at 30-45 tca. Chlorite alt halos.
349.19	356.34	vw	vw		w-m	w-m	Potassic alt same as 314.53-342.26m.						
356.34	366.00	w	w		w		Propylitic alt.						
366.00	383.16	vw	vw		w-m	w-m	Potassic alt same as 314.53-342.26m.						
383.16	391.25	w	w		w		Propylitic alt.						
391.25	419.71	vw	vw		w-m	w-m	Potassic alt same as 314.53-342.26m.						
419.71	469.22	w	w		w	w-m	Locally very weak to weak potassic alt, but longer intervals where potassic alt appears to be absent. Late overprinting propylitic alt is dominant, observed as chlorite alt along fractures and forming halos around veins. Locally chlorite alt is more pervasive and gives a spotted appearance. Late veins are commonly fluorite or calcite.						
469.22	474.20	vw	vw		m	m	Potassic alt same as 314.53-342.26m.						
474.20	502.01	w	w		vw		Potassic alteration is nearly absent,						

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-103		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
13.41	14.33	0.92		0		0		no data recorded for this run
14.33	17.37	3.04	3.06	101	1.75	58		moderately fractured
17.37	20.42	3.05	3.00	98	1.68	55		highly fractured @ end of run
20.42	23.47	3.05	2.86	94	1.48	49		fractured & rounded rocks
23.47	26.52	3.05	2.99	98	1.81	59		
26.52	29.57	3.05	3.03	99	1.95	64		
29.57	32.61	3.04	3.00	99	2.28	75		
32.61	35.66	3.05	3.02	99	2.12	70		
35.66	38.71	3.05	2.96	97	2.28	75		
38.71	41.76	3.05	2.99	98	2.41	79		
41.76	44.81	3.05	3.05	100	1.54	50		highly fractured mid run
44.81	47.85	3.04	2.97	98	1.96	64		moderately fractured
47.85	50.90	3.05	3.02	99	2.61	86		
50.90	53.95	3.05	3.01	99	2.37	78		
53.95	57.00	3.05	3.00	98	2.25	74		
57.00	60.05	3.05	3.01	99	2.44	80		
60.05	63.09	3.04	3.10	102	2.59	85		
63.09	66.14	3.05	2.96	97	2.13	70		
66.14	69.19	3.05	2.98	98	1.29	42		highly fractured throughout run
69.19	72.24	3.05	2.99	98	1.38	45		highly fractured throughout run
72.24	75.29	3.05	3.02	99	2.02	66		
75.29	78.33	3.04	3.05	100	1.07	35		highly fractured throughout run
78.33	81.38	3.05	2.94	96	1.18	39		moderately fractured throughout run
81.38	84.43	3.05	2.96	97	1.04	34		moderately fractured upper / mid run
84.43	87.48	3.05	3.02	99	1.41	46		
87.48	90.53	3.05	3.06	100	1.67	55		
90.53	93.57	3.04	3.04	100	2.04	67		
93.57	96.62	3.05	2.91	95	1.92	63		HQ to NQ @ 94.49 m
96.62	99.67	3.05	3.00	98	1.84	60		soft crumbly rock mid run
99.67	102.72	3.05	2.98	98	1.92	63		
102.72	105.77	3.05	3.06	100	2.13	70		
105.77	108.81	3.04	3.04	100	2.14	70		
108.81	111.86	3.05	3.04	100	1.74	57		
111.86	114.91	3.05	3.01	99	2.50	82		
114.91	117.96	3.05	3.01	99	2.37	78		
117.96	121.01	3.05	2.99	98	1.81	59		
121.01	124.05	3.04	3.07	101	0.92	30		moderate fractures throughout run
124.05	127.10	3.05	3.05	100	1.95	64		
127.10	130.15	3.05	3.06	100	2.85	93		
130.15	133.20	3.05	3.04	100	2.11	69		
133.20	136.25	3.05	2.99	98	2.37	78		
136.25	139.29	3.04	3.02	99	2.35	77		missing a block, added one
139.29	142.34	3.05	2.66	87	1.59	52		rounded core throughout run
142.34	145.39	3.05	2.89	95	1.88	62		very fractured mid run
145.39	148.44	3.05	3.05	100	2.47	81		
148.44	151.49	3.05	3.02	99	2.81	92		
151.49	154.53	3.04	3.04	100	2.39	79		
154.53	157.58	3.05	3.00	98	2.45	80		
157.58	160.63	3.05	3.00	98	2.53	83		
160.63	163.68	3.05	3.02	99	2.20	72		
163.68	166.73	3.05	3.05	100	2.47	81		

Hole ID: 11-PC-103		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
166.73	169.77	3.04	3.03	100	2.44	80		
169.77	172.82	3.05	3.03	99	2.69	88		
172.82	175.87	3.05	3.06	100	2.87	94		
175.87	178.92	3.05	3.02	99	1.87	61		
178.92	181.97	3.05	2.99	98	1.85	61		
181.97	185.01	3.04	3.07	101	1.74	57		
185.01	188.06	3.05	2.96	97	2.42	79		
188.06	191.12	3.06	3.06	100	2.06	67		
191.12	194.16	3.04	2.95	97	1.45	48		highly fractured @ end of run
194.16	197.21	3.05	3.08	101	1.71	56		
197.21	200.25	3.04	3.06	101	2.34	77		
200.25	203.30	3.05	3.08	101	2.94	96		
203.30	206.35	3.05	3.03	99	2.55	84		
206.35	209.40	3.05	3.09	101	2.21	72		
209.40	212.45	3.05	3.08	101	1.73	57		
212.45	215.49	3.04	2.97	98	2.65	87		
215.49	218.54	3.05	2.97	97	2.09	69		
218.54	221.59	3.05	3.08	101	1.61	53		entire run moderate to highly fractured
221.59	224.64	3.05	3.05	100	1.45	48		moderate fractures throughout run
224.64	227.69	3.05	3.05	100	1.78	58		
227.69	230.73	3.04	3.02	99	1.67	55		
230.73	233.78	3.05	3.05	100	2.02	66		
233.78	236.83	3.05	3.00	98	2.78	91		
236.83	239.88	3.05	3.05	100	2.47	81		
239.88	242.93	3.05	3.05	100	2.16	71		
242.93	245.97	3.04	3.04	100	1.71	56		
245.97	249.02	3.05	3.05	100	2.41	79		
249.02	252.07	3.05	3.04	100	2.12	70		
252.07	255.12	3.05	3.02	99	2.42	79		
255.12	258.17	3.05	2.96	97	2.15	70		
258.17	261.21	3.04	3.07	101	1.27	42		
261.21	264.26	3.05	3.05	100	2.24	73		
264.26	267.31	3.05	3.02	99	2.56	84		
267.31	270.36	3.05	3.02	99	2.34	77		
270.36	273.41	3.05	3.07	101	2.75	90		
273.41	276.45	3.04	2.98	98	2.49	82		
276.45	279.50	3.05	3.04	100	2.46	81		
279.50	282.55	3.05	2.97	97	2.49	82		
282.55	285.60	3.05	3.02	99	2.66	87		
285.60	288.65	3.05	3.05	100	2.11	69		
288.65	291.69	3.04	3.01	99	1.66	55		
291.69	294.74	3.05	3.05	100	2.73	90		
294.74	297.79	3.05	3.02	99	2.33	76		
297.79	300.84	3.05	3.04	100	2.58	85		
300.84	303.89	3.05	3.06	100	2.61	86		
303.89	306.93	3.04	2.98	98	1.83	60		
306.93	309.98	3.05	3.04	100	2.25	74		
309.98	313.03	3.05	3.01	99	2.59	85		
313.03	316.08	3.05	3.04	100	2.29	75		
316.08	319.13	3.05	3.05	100	2.64	87		
319.13	322.17	3.04	3.05	100	2.52	83		
322.17	325.22	3.05	2.99	98	2.35	77		
325.22	328.27	3.05	3.02	99	2.34	77		
328.27	331.32	3.05	3.06	100	2.75	90		
331.32	334.37	3.05	3.06	100	2.30	75		
334.37	337.41	3.04	3.07	101	2.76	91		

Hole ID: 11-PC-103		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
337.41	340.46	3.05	3.05	100	2.75	90		
340.46	343.51	3.05	2.99	98	2.52	83		
343.51	346.56	3.05	3.03	99	1.76	58		
346.56	349.61	3.05	3.01	99	2.23	73		
349.61	352.65	3.04	3.04	100	2.19	72		
352.65	355.70	3.05	3.03	99	1.95	64		
355.70	358.75	3.05	3.03	99	2.61	86		
358.75	361.80	3.05	3.07	101	2.39	78		
361.80	364.85	3.05	2.95	97	2.33	76		
364.85	367.89	3.04	3.08	101	1.53	50		
367.89	370.94	3.05	3.06	100	2.03	67		
370.94	373.99	3.05	3.04	100	2.18	71		
373.99	377.04	3.05	3.05	100	2.69	88		
377.04	380.09	3.05	3.08	101	2.79	91		
380.09	383.13	3.04	3.04	100	2.68	88		
383.13	386.18	3.05	3.06	100	2.58	85		
386.18	389.23	3.05	3.04	100	2.31	76		
389.23	392.28	3.05	2.99	98	2.35	77		
392.28	395.33	3.05	2.99	98	2.75	90		
395.33	398.37	3.04	3.07	101	2.68	88		
398.37	401.42	3.05	3.00	98	2.02	66		
401.42	404.47	3.05	3.07	101	2.66	87		
404.47	407.52	3.05	2.98	98	2.54	83		
407.52	410.57	3.05	3.08	101	2.89	95		
410.57	413.61	3.04	3.01	99	2.62	86		
413.61	416.66	3.05	3.00	98	2.77	91		
416.66	419.71	3.05	3.06	100	2.93	96		
419.71	422.76	3.05	3.00	98	2.35	77		
422.76	425.81	3.05	3.06	100	2.70	89		
425.81	428.85	3.04	2.99	98	2.57	85		
428.85	431.90	3.05	3.10	102	2.92	96		
431.90	434.95	3.05	3.03	99	2.60	85		
434.95	438.00	3.01	3.01	100	2.71	90		
438.00	441.05	3.05	3.06	100	2.23	73		
441.05	444.09	3.04	3.04	100	2.02	66		
444.09	447.14	3.05	2.94	96	1.33	44		high to moderate fractures
447.14	450.19	3.05	3.10	102	2.81	92		
450.19	453.24	3.05	3.06	100	2.41	79		
453.24	456.29	3.05	3.07	101	2.62	86		
456.29	459.33	3.04	3.05	100	1.99	65		
459.33	462.38	3.05	3.05	100	2.56	84		
462.38	465.43	3.05	3.07	101	2.34	77		
465.43	468.48	3.05	3.07	101	2.40	79		
468.48	471.53	3.05	3.03	99	2.49	82		
471.53	474.57	3.04	3.06	101	2.14	70		
474.57	477.62	3.05	3.03	99	1.96	64		
477.62	480.67	3.05	3.05	100	2.39	78		
480.67	483.72	3.05	3.00	98	2.42	79		
483.72	486.77	3.05	3.03	99	2.84	93		
486.77	489.81	3.04	3.06	101	2.52	83		
489.81	492.86	3.05	3.02	99	2.46	81		
492.86	495.91	3.05	3.02	99	2.52	83		
495.91	498.96	3.05	2.99	98	2.40	79		
498.96	502.01	3.05	3.02	99	2.02	66		EOH

Hole ID: 11-PC-103		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046191	13.51	16.51	3.00		1
1046192	16.51	19.51	3.00		1-3
1046193	19.51	22.51	3.00		3-4
1046194	22.51	25.51	3.00		4-5
1046195				Std FCM-7	
1046196	25.51	26.87	1.36		5
1046197	26.87	28.87	2.00		5-6
1046198	28.87	30.43	1.56		6
1046199	30.43	33.43	3.00		6-7
1046200	33.43	36.43	3.00		7-8
1046201	36.43	39.43	3.00		8-9
1046202	39.43	42.43	3.00		9-10
1046203	42.43	45.43	3.00		10-11
1046204	45.43	46.36	0.93		11
1046205	46.36	49.36	3.00		12
1046206	46.36	49.36	3.00	Duplicate	12
1046207	49.36	52.36	3.00		12-13
1046208	52.36	55.36	3.00		13-14
1046209	55.36	58.36	3.00		14-15
1046210	58.36	61.36	3.00		15-16
1046211				Blank	
1046212	61.36	64.18	2.82		16-17
1046213	64.18	67.18	3.00		17-18
1046214	67.18	70.18	3.00		18-19
1046215	70.18	73.18	3.00		19-20
1046216	73.18	76.18	3.00		20-21
1046217				Std CGS-27	
1046218	76.18	79.18	3.00		21-22
1046219	79.18	82.18	3.00		22-23
1046220	82.18	85.18	3.00		23-24
1046221	85.18	87.74	2.56		24-25
1046222	87.74	90.74	3.00		25-26
1046223	90.74	93.74	3.00		26-27
1046224	93.74	96.74	3.00		27-28
1046225				Blank	
1046226	96.74	99.74	3.00		28-29
1046227	99.74	102.74	3.00		29
1046228	99.74	102.74	3.00	Duplicate	29
1046229	102.74	105.74	3.00		29-30
1046230	105.74	108.74	3.00		30-31
1046231	108.74	111.74	3.00		31
1046232	111.74	114.74	3.00		31-32
1046233	114.74	117.74	3.00		32-33
1046234	117.74	120.74	3.00		33
1046235	120.74	123.74	3.00		33-34
1046236				Std CGS-27	
1046237	123.74	126.74	3.00		34-35
1046238	126.74	129.74	3.00		35
1046239	129.74	132.74	3.00		35-36
1046240	132.74	135.74	3.00		36-37
1046241	135.74	138.74	3.00		37
1046242	138.74	141.74	3.00		37-38
1046243	141.74	144.74	3.00		38-39
1046244	144.74	147.74	3.00		39
1046245	144.74	147.74	3.00	Duplicate	39
1046246	147.74	150.74	3.00		39-40
1046247	150.74	153.74	3.00		40-41
1046248	153.74	156.74	3.00		41

Hole ID: 11-PC-103		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046249	156.74	159.74	3.00		41-42
1046250				Blank	
1046251	159.74	162.74	3.00		42-43
1046252	162.74	165.74	3.00		43-44
1046253	165.74	168.74	3.00		44
1046254	168.74	171.74	3.00		44-45
1046255	171.74	174.74	3.00		45-46
1046256				Std CM-8	
1046257	174.74	177.74	3.00		46
1046258	177.74	180.74	3.00		46-47
1046259	180.74	183.74	3.00		47-48
1046260	183.74	186.74	3.00		48
1046261	186.74	189.74	3.00		48-49
1046262	189.74	192.74	3.00		49-50
1046263	192.74	194.16	1.42		50
1046264	194.16	197.16	3.00		50-51
1046265	197.16	200.16	3.00		51-52
1046266	200.16	203.16	3.00		52
1046267	203.16	203.16	0.00	Duplicate	52
1046268	203.16	206.16	3.00		52-53
1046269	206.16	209.16	3.00		53-54
1046270				Blank	
1046271	209.16	212.16	3.00		54
1046272	212.16	215.16	3.00		54-55
1046273	215.16	218.16	3.00		55-56
1046274	218.16	221.16	3.00		56
1046275	221.16	222.85	1.69		56-57
1046276	222.85	225.09	2.24		57
1046277	225.09	228.09	3.00		57-58
1046278	228.09	231.09	3.00		58-59
1046279	231.09	234.09	3.00		59
1046280				Std FCM-7	
1046281	234.09	237.09	3.00		59-60
1046282	237.09	240.09	3.00		60-61
1046283	240.09	243.09	3.00		61
1046284	240.09	243.09	3.00	Duplicate	61
1046285	243.09	246.09	3.00		61-62
1046286	246.09	249.09	3.00		62-63
1046287	249.09	252.09	3.00		63-64
1046288	252.09	255.09	3.00		64
1046289				Blank	
1046290	255.09	258.09	3.00		64-65
1046291	258.09	261.09	3.00		65-66
1046292	261.09	264.09	3.00		66
1046293	264.09	267.09	3.00		66-67
1046294	267.09	270.09	3.00		67-68
1046295				Std CM-11A	
1046296	270.09	273.10	3.01		68
1046297	273.10	276.10	3.00		68-69
1046298	276.10	277.39	1.29		69
1046299	277.39	280.39	3.00		69-70
1046300	280.39	283.39	3.00		70-71
1046301	283.39	286.39	3.00		71
1046302	286.39	289.39	3.00		71-72
1046303	289.39	292.39	3.00		72-73
1046304	292.39	295.39	3.00		73
1046305	292.39	295.39	3.00	Duplicate	73
1046306	295.39	298.39	3.00		73-74

Hole ID: 11-PC-103		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046307	298.39	301.39	3.00		74-75
1046308	301.39	304.39	3.00		75
1046309	304.39	307.26	2.87		75-76
1046310				Blank	
1046311	307.26	310.26	3.00		76-77
1046312	310.26	313.26	3.00		77
1046313	313.26	314.53	1.27		77-78
1046314	314.53	317.53	3.00		78
1046315	317.53	320.53	3.00		78-79
1046316	320.53	323.53	3.00		79-80
1046317				Std FCM-7	
1046318	323.53	326.53	3.00		80
1046319	326.53	329.53	3.00		80-81
1046320	329.53	332.53	3.00		81-82
1046321	332.53	335.53	3.00		82
1046322	335.53	338.53	3.00		82-83
1046323	338.53	341.53	3.00		83-84
1046324	341.53	344.53	3.00		84
1046325				Blank	
1046326	344.53	347.53	3.00		84-85
1046327	347.53	350.53	3.00		85-86
1046328	347.53	350.53	3.00	Duplicate	85-86
1046329	350.53	353.53	3.00		86-87
1046330	353.53	356.53	3.00		87
1046331	356.53	359.53	3.00		87-88
1046332	359.53	362.53	3.00		88-89
1046333	362.53	365.53	3.00		89
1046334	365.53	368.53	3.00		89-90
1046335	368.53	371.53	3.00		90-91
1046336	371.53	374.53	3.00		91
1046337				Std CGS-27	
1046338	374.53	377.53	3.00		91-92
1046339	377.53	380.53	3.00		92-93
1046340	380.53	383.53	3.00		93
1046341	383.53	386.53	3.00		93-94
1046342	386.53	389.53	3.00		94-95
1046343	389.53	392.53	3.00		95
1046344	389.53	392.53	3.00	Duplicate	95
1046345	392.53	395.53	3.00		95-96
1046346	395.53	398.53	3.00		96-97
1046347	398.53	401.53	3.00		97
1046348				Blank	
1046349	401.53	404.53	3.00		97-98
1046350	404.53	407.53	3.00		98-99
1046351	407.53	410.53	3.00		99
1046352	410.53	413.53	3.00		99-100
1046353	413.53	416.53	3.00		100
1046354	416.53	419.53	3.00		100-101
1046355	419.53	422.53	3.00		101-102
1046356				Std CGS-27	
1046357	422.53	425.53	3.00		102
1046358	425.53	428.53	3.00		102-103
1046359	428.53	431.53	3.00		103-104
1046360	431.53	434.53	3.00		104
1046361	434.53	437.53	3.00		104-105
1046362	437.53	440.53	3.00		105-106
1046363	440.53	443.53	3.00		106
1046364	440.53	443.53	3.00	Duplicate	106

Hole ID: 11-PC-103		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046365	443.53	446.53	3.00		106-107
1046366	446.53	449.53	3.00		107-108
1046367	449.53	452.53	3.00		108
1046368	452.53	455.53	3.00		108-109
1046369	455.53	458.53	3.00		109-110
1046370				Blank	
1046371	458.53	461.53	3.00		110
1046372	461.53	464.53	3.00		110-111
1046373	464.53	467.53	3.00		111-112
1046374	467.53	470.53	3.00		112-113
1046375	470.53	473.53	3.00		113
1046376	473.53	476.53	3.00		113-114
1046377				Std CM-8	
1046378	476.53	479.53	3.00		114-115
1046379	479.53	482.53	3.00		115
1046380	482.53	485.53	3.00		115-116
1046381	485.53	488.53	3.00		116-117
1046382	488.53	491.53	3.00		117
1046383	491.53	494.53	3.00		117-118
1046384	494.53	497.53	3.00		118-119
1046385				Blank	
1046386	497.53	500.53	3.00		119
1046387	500.53	502.01	1.48		119-120
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-104	Easting (NAD 83): 631885	Core Size: NQ	DDH Started: Sept 24 2011
	Northing (NAD 83): 5986902	Hole Azimuth: 270	DDH Finished: Oct 2 2011
Property: Poplar Deposit	Elevation: 894m	Hole Angle: -62	Log Completed: October 4 2011
	Source: GPS	Total Depth: 402.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Amanda Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.0	270.0	-60.0
102.0	274.3	-59.9
210.0	275.2	-58.4
318.0	278.6	-58.8
402.0	280.7	-57.7

Summary: The objective of 11-PC-104 was to investigate the LGZ eastern contact and the depth to which mineralization extends below 11-PC-87. The unit predominantly consists of fsp pph qtz mnz and bio-fsp porphyritic qtz monzonite with variable weak to strong potassic alteration until ~180m, grading to strong propylitic alteration for the remainder of the hole. Mineralization is greatest in intervals of strong potassic alteration which has an overall cpy abundance of 1-2%. Although mineralization decreases in intervals of propylitic alteration, abundance is relatively moderate and trace 1-3mm bornite blebs are consistently diss to the base of the hole.

Lions Gate Metals

Hole ID: 11-PC-104			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	30.00	Ovb							
30.00	30.46	Ovb	Few boulders, variable lithologies. Pph qtz mnz with minor ep vns,						
			f.g. intermediate volcanics, lithic ash tuff with poorly sorted ang lithic						
			fragments (0.2-4cm across), qtz and fsp xl fragments.						
30.46	100.86	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Variable Potassic Alteration	30.46	100.86	5	2	trace	F.g. to m.g py, diss, in stockwork and later cal/qtz
									vns. Diss>vns, up to 10% locally. F.g. cpy, diss, in
			Core mod to strongly fractured/broken from 30.46m-78.11m						stockwork and later cal/qtz vns. Diss>vns. Trace
									f.g. moly, v locld, diss and in late qtz/cal vns.
			Massive with weak to strong potassic alteration. Color varies						Diss>vns. Trace f.g. born, v locally diss in ~2m
			with degree of alt; pink -grey weak pot alt grading to dark grey black						interval @ 31.40-32.60m and @ 78.20m, 83.05m.
			in mod strong alt intervals. Mod to strong pot alt intervals defined by						
			perv bio flooding of gdmass and weak to mod strong magnetism						
			(v.f.g. diss mag?). Kfs rare to absent, v locally occurs in late qtz/cal vn						
			alt halos and minor bnds/pods towards base of unit. Mod to strong						
			silicification throughout unit. Weak, locally mod propylitic alt						
			overprint. Silicification and propylitic alt increase in strenght						
			approaching base of unit						
			35-40% suh-euh fsp phenos averaging 2-4mm. Phenos commonly						
			silicified in sections of stronger potassic alteration. Locally phenos						
			are completely altered to clay/sericite +/- cal, imparting salt and						
			pepper appearance. Clay/sericite +/- cal assemblage suggests locld						
			phyllic overprint. Sparse, locally abnt (<3%), m.g. to c.g., suh to euh						
			bio phenos are speckled throughout unit. Bio phenos abundance inc						
			to 5% approaching lower ctc.						
			Mod abnt randomly oriented f.g. qtz +/- cal +/- f.g. py +/- f.g. cpy stkwrk						
			vns 2-3mm wide with lt grey alt halos. Stockwork vns become less						
			apparent in intervals of stronger pot alt. Minor, later f.g. to m.g. cal +/-						
			f.g. to m.g. qtz +/- f.g. to m.g. py +/- f.g. cpy +/- f.g. v locld moly vns						
			averaging 2-5mm wide cut stockwork vns. Locld open space filling and						
			drusy texts. Later vns more commonly qtz than cal in intervals of inc						
			silicification. Locld Kfs flooding of gdmass/alt halos adjacent to vns.						
			Sulphides commonly coarser in later vns. Rare f.g. to m.g. magnetite						
			vns 1-5mm wide. Mag vns are locally abnt, up to 1-3%. Frac planes						
			locally coated with clay/sericite +/- cal assemblage. 1-3% v.f.g. to f.g.						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-104			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			hem is locally diss and partially to completely coats frac planes @						
			30.00-44.43m and @70.00-76.40m.						
			99.94-100.06m: Diffuse band of c.g. mag-f.g. to v.f.g. cpy-f.g. py, approx						
			perpendicular tca.						
100.86	137.72	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite	100.86	137.72	3-5	trace	trace	F.g to m.g. py, diss and in later qtz/cal and dol/qtz
									vns; diss>vns. F.g. cpy, diss and in later qtz/cal vns
			Massive, variable color: med green grey-pink grey-pale green. Color						vns>>diss. F.g. mo in later dol-sph vns.
			varies with degree and type of alt. W-mod pot alt with weak to mod						
			propylitic alt overprint grading to strong propylitic alt						
			Pot alt defined by weak Kfs flooding of gdmass, silicification and 5-						
			7% suh-euh, m.g. bio phenos (3-5mm avgs). Bio phenos commonly						
			altered to pale yellow brown in sections of strong propylitic alt and						
			although less apparent are still present. 1-7mm, anh to euh, white to						
			pale green fsp phenos comprise 40-50% of gdmass. Most commonly						
			4-5 mm in size, phenos are silicified and indistinct in intervals of						
			stronger potassic alt. Partial to complete alteration of phenos to clay/						
			chlorite/sericite +/-cal within intervals of stronger propylitic alt.						
			Interp: Coarsening of fsp phenos compared with previous unit						
			may be function of silica and/or clay/sericite alt.						
			Random stockwork vns are rare to absent, very locld over small						
			intervals when present. Minor (3-5%) later f.g. to m.g. qtz +/- f.g. to m.g.						
			cal+/-f.g. to m.g. py +/- f.g. cpy vns +/- open space filling texts and drusy						
			texts. Minor (1-2%) later f.g. to m.g. dol +/- f.g. to m.g. qtz +/- f.g. sph +/-						
			f.g. mo +/- f.g. py vns with open space filling or drusy texts common for						
			9m above and within fault zone@ 116.47m-123.82m. Minor (3-5%)						
			clay/sericite +/- cal coated frac planes.						
			116.47m-123.82m: Fault zone, core is pervasively pitted and						
			brecciated with abnt gouge filled sections 2cm-23cm wide and						
			evidence of locld weak shearing. Later dol+/-qtz+/-mo+/-sph vns noted						
			above most abnt here.						
			133.19-133.78m: Few (5%) 0.5-2cm wide breccia vns. V.f.g. white dol +/-						
			f.g. qtz matrix, ang pph qtz mnz clasts +/- sooty grey rims.						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-104			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
137.72	180.82	Qtz Mnz	Bio-Fsp Pph Qtz Mnz with Mod to Strong Potassic Alt	137.72	180.82	1	1-2		Vf.g. to f.g. cpy, up to 3% locally in sections of
									stronger pot alt. Cpy is diss and in later qtz/cal
			Massive, variable color: Med dark pink brown-med brown grey-dark						vns, diss>vns. F.g. py, diss and in vns, diss>vns.
			grey black. Color varies with degree of potassic alt, darkening with						
			increasing strength. Dominantly strong potassic alt with strong						
			silicification and weak propylitic alt overprint. Strong pot alt defined						
			by perv bio flooding of gdmass and weak to strong magnetism, Kfs rare						
			to absent. Locld intervals of mod pot alt with weak to mod propylitic						
			alt. Mod pot alt defined by fs flooding of gdmass weak to mod K-fsp						
			and weak to mod silicification.						
			5-7% suh-euh bio phenos 2-4mm in size. Bio phenos less apparent in						
			intervals of stronger pot alt. 30-40% suh-euh fsp phenos 1-7mm						
			in size, most commonly 3-5mm. Phenos are dominantly med grey and						
			silicified. Locally phenos are white to pale green and partly to						
			completely altered to clay/sericite +/- cal in sections of mod pot alt						
			and/or stronger propylitic alt. Alteration produces locld salt and						
			pepper appearance. From 151.90m-162.64m fsp and bio phenos						
			are apparently absent in section of strong potassic alteration. Phenos						
			may be present and alteration has rendered them non visible.						
			Randomly oriented stockwork vns absent except in section						
			of strong pot alt from 152.00m-162.64m where they are abnt (5-7%),						
			2-4mm wide with 3-16mm pale grey alt halos. Stockwork vns may be						
			present in other intervals and have been obscured by alteration.						
			Minor (3-5%) later, f.g. to m.g. qtz and/or f.g. to m.g. cal +/- f.g. to m.g.						
			py +/- f.g. cpy vns cut host rock and stockwork vns. Rare to minor clay/						
			sericite +/- cal coating of frac planes.						
180.82	312.08	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Strong Propylitic Alteration	180.82	312.08	Trace	trace	1	F.g. to m.g. py, up to 1% locally. Py is finely diss, in
									later qtz/cal vns and in 2-8mm locally diss blebs.
			Massive, minty green with minor locld med green-brown-grey sections.						Diss >> blebs and vns. F.g. to m.g. cpy, up to 2%
			Pale green to minty green, anh to suh (locally euh) fsp phenos 1-6mm						locally. Cpy is finely diss, in later qtz/cal vns and in
			in size comprise 40% of gdmass. Fsp phenos are dom 3-5mm in size						2-6mm blebs. Blebs locally are comprised of cpy
			and are perv sausseritized. 3-5% relict m.g. bio phenos are strongly						intergrown with sph and/or bornite (trace, v locld).
			alt to very pale yellow brown and have a partially digested, shreddy						Finely diss cpy and cpy blebs>>vns. Mo is f.g. and
			appearance. Bio phenos are very indistinct. 0.3-1.5 cm vugs with						locally inc to 2-3%. Mo is finely diss, in 2-3mm
			f.g. to m.g. white dol +/- f.g. qtz fillings or drusy text vary from trace-3%						blebs and in later qtz-dol-sph vns. A few qtz-dol-

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
137.72	151.90	w-m	w-m	w-m	m-s	vw-m	Strong, locally mod potassic alt with mod	137.72	180.82	fracs	50-60	3	Dominant frac set
							to strong silicification and locld weak to mod				30-40	<1	Minor frac set
							propylitic alt overprint. Intervals of strong				70-80	1	Minor frac set
							pot alt defined by perv bio flooding of						
							gdmass, mod to strong silicification, mod	137.72	180.82	vns	15-30	3-5	Later, f.g. to m.g. qtz and/or f.g. to m.g. cal +/- f.g. to m.g.
							to strong magnetism and rare to absent Kfs.						py +/- f.g. cpy vns
							Intervals of mod pot alt defined by weak,						
							locally mod Kfs flooding of gdmass, mod	180.82	180.82	ctc		grad	Alteration ctc, gradational over 2m.
							silicification and weak, locally absent						
							magnetism. Fsp phenos dominantly partly						
							to completely altered to clay/sericite +/- cal						
							in mod pot alt intervals, silicified in strongly						
							pot alt intervals.						
151.90	163.65			m-s	m-s		Strong pot alt, dark grey black with perv bio						
							flooding of gdmass. Weak to strong						
							magnetism, Kfs absent. Bio and fps phenos						
							apparently absent, unit appears f.g. with						
							no porphyritic text in this interval. Pph text						
							destroyed by strong alt? Alt ctcs sharp,						
							upper ctc has few subrnd-subang enclaves						
							1.5-3cm in size.						
163.65	180.82						Similar alteration as describe @137.72-						
							151.90m.						
180.82	312.08	s	s				Strong propylitic alt, minty green with minor	180.82	312.08	fracs	40-50	3-5	Dominant frac set
							locld med green-brown-grey sections. Fsp				30-35	1-3	Minor frac set, abundance inc to 3-5% approaching
							phenos are pervasively sausseritized, pale						base of unit.
							green to minty green in color. Gdmass is				10-15	1	
							soft, suggesting partial to complete clay				70-80	1	
							alt of itsl fsp also. Bio phenos are strongly						
							alt, partially digested, pale yellow brown	180.82	312.08	vns	15-30	1-3	Later f.g. to m.g. qtz and/or f.g. to m.g. cal +/- f.g. to m.g.
							and have a shreddy appearance.				60-80	1	py +/-f.g. to m.g. dol +/- f.g. to m.g. sph +/- f.g. to m.g
													cpy +/-f.g. to m.g. py vns. Py, cpy and mo commonly

Lions Gate Metals

Hole ID: 11-PC-104			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			in abundance. Vugs more common at top of unit.						sph-mo vns contain 30-50% mo. Mo blebs are
									commonly comprised of mo intergrown with sph.
			Stockwork vns absent. Rare to minor (1-3%) later f.g. to m.g. qtz and/or						1-2mm vf.g. to f.g. copper bronze bornite blebs
			f.g. to m.g. cal +/- f.g. to m.g. py +/- f.g. to m.g. dol +/- f.g. to m.g. sph +/- f.g.						very locally occur, v trace abundance overall
			to m.g cpy +/-f.g. to m.g. py vns sporadically occur throughout unit. Mo						(<<1%). Unknown submet grey vf.g. mineral is
			dominantly occurs within later vns as a dol-mo+/-sph+/-qtz						locally intergrown with moly and cpy in trace
			assemblage, sph more common than not. 1-2% dol-mol+/-sph+/-qtz						amounts (tetrahedrite?). Trace f.g. submet, sph
			vns overall, most abnt within and proximal to fault zone @ 233.28m-						sph is very locally diss, color varies from dark
			235.82m. Minor (<3%) clay/sericite +/- cal coated frac planes. Rare to						grey black to honey beige. Sph is most commonly
			minor (1-3%) frac planes are coated with clay-f.g. cal-f.g. dusty pink						associated with intervals of inc py, cpy and mo
			to pale pink red soft min (realgar?) from 253.00-294.50m. Trace -1%						abundance. Sulphides are coarser grained in later
			0.2-1.5cm irregular blebs of intergrown magnetite and hematite						qtz/cal/dol vns and blebs than when diss.
			from 308.28-312.08m, abundance inc approaching ctc.						
			186.23-186.78m, 187.94-188.17m: Two amygdaloidal dykes of	193.48	193.48			20-30	1cm wide m.g. to c.g. dol-m.g. to c.g. dark grey
			intermediate-mafic composition. Dark purple maroon with sharp ctcs						black sph-f.g. to c.g. mo vn with 20-30% mo.
			bleached light tan. Aphanetic gdmass, 3-5% ovoid to irregularly formed						
			amydules 0.1-1cm in size with f.g. to m.g qtz +/- f.g. dol infill. No visible						
			mineralization.	203.77	204.48				Trace-1% vf.g. to f.g. born as v thin rims on 1-3mm
									cpy blebs and as v rare 1mm blebs.
			209.13m: 2.5cmx1.5cm vug with m.g. to c.g. euh dol lined walls (drusy						
			text) with trace v.f.g vpy and v.f.g. dark grey black submet min (tetra?).	224.42	224.42	90			2 cm wide c.g. to m.g. py-qtz vn with >90% py.
									Similar vns 0.5-1cm wide @ 229.70m, 229.94m,
			233.28m-235.82m: Fault zone, core is weakly to strongly pitted and						259.50m, 297.30m.
			locally gouge filled with mod abnt 2-6cm wide gouge filled fracs.						
			F.g. mo is locally concentrated (2-3%) within gouge @233.94m-	274.80	274.80	60	5		1.5cm wide f.g. py-f.g. qtz-f.g. cpy-f.g. to v.f.g submet
			234.48m. Minor 2-12cm thick gouge filled fracs from 237.64-240.05m.						grey min (tetrahedrite?)-f.g. cal vn.
			Similar fault zones @273.72m-276.15m, 288.88m-291.56m, 303.05m-						
			303.88m.						
312.08	333.04	Qtz Rhy	Porphyritic Qtz Eye Rhyolite	315.22	331.51			<<1	F.g. mo partially coats frac planes @315.22m,
									330.02m, 331.51m.
			Dominantly pale green grey, grading to tan to brown grey color for ~3m						
			approaching upper and lower ctcs. Unit is overall massive, local vw-w						
			foliation for ~3-4m @ upper and lower ctcs. 5-7% suh to euh smoky qtz						
			phenos 1-4mm in size. 3-5% anh to suh lime green mineral phenos						
			1-3 mm in size. Lime phenos are very soft with lath shaped xsections						
			and locally altered to clay/sericite +/- cal (sausseritized fsp?).						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs							Comments	Structure					Comments
Depth		2 nd	Serici	2 nd	2 nd	2 nd		Depth		Type	Angle	% or	
From	To	Clay		Bio	Sil	Ksp		From	To		tca	Strength	
													much coarser grained and in greater abundance in
													60-80°tca later vns.
							186.23	186.78	dyke	45-70	sharp		Amygdaloidal intermediate dyke, upper ctc 45°tca, lower ctc 70°tca
							187.94	188.19	dyke	45-30	sharp		Amygdaloidal intermediate dyke, upper ctc 30°tca, lower ctc 45°tca
							233.28	235.82	Fault	10-30	w-mod		Fault zone, core is pitted and locally gouge filled with
										40-50			mod abnt gouge filled fracs. Gouge filled fracs have
										70			several orientations, 10-30°tca most common.
													Minor 2-12cm thick gouge filled fracs from 237.64-240.05m.
							273.32	276.15	Fault	50-60	w-mod		Fault zone, similar nature to FZ described @ 233.28-235.82m. Gouge filled fracs commonly 50-60tca.
							288.88	291.56	Fault	30-35	w-mod		Fault zone, similar nature to FZ described @ 233.28-235.82m, with less abnt sections of pitted core and gouge filled fracs. Two fracs with 6 and 12 cm of gouge infill 30-35°tca.
							303.05	303.88	Fault	30-35	w-mod		Fault zone, similar nature to FZ described @ 233.28-235.82m, few fracs with gouge infill 2-12cm thick.
													Gouge filled fracs dom 30-35°tca, rarely 55-60°tca.
							312.08	312.08	ctc	50	Sharp		Sharp planar lithological ctc.
312.08	333.04	m-s	m-s				312.08	333.04	fracs	3	40-50		Dominant frac set
										1	30-35		
										<1	60-70		
							333.04	333.04	ctc	60	sharp		Sharp undulatory lithological ctc.

Lions Gate Metals

Hole ID: 11-PC-104			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Weak propylitic alt.						
			Stockwork vns absent, rare (<<1%) cal+/-qtz+/dol vns. Trace (<<1%) mo very locally partially coats frac planes @ 315.22m, 330.02m, 331.51m.						
			mineralization. Minor clay/sericite +/-cal coated frac planes.						
333.04	349.83	Qtz Mnz	Porphyritic Qtz Monzonite with Strong Propylitic Alteration.	333.04	348.83	1-3	trace	trace	F.g. to m.g. py, finely diss, in 2-4mm blebs and in rare later dol/qtz vns. Py is coarser in blebs, blebs>diss and vns. F.g. to m.g. cpy, finely diss and in 2-4mm blebs, coarser when in blebs. Cpy blebs commonly have v thin (<<1mm) rims of bronze-purple bornite or steel grey mineral (tetrahedrite?). Cpy blebs>diss. F.g. to v.f.g. mo, finely diss. Trace f.g. bronze-purple born occurs in 1-3mm blebs. Cpy and born blebs most abnt at ~3m proximal to upper and lower ctcs. Rare blebs of intergrown magnetite and hematite for ~2m proximal to lower ctc.
			Massive, med green grey. 40-45% anh-suh, mint green to teal, 2-7mm fsp phenos. Fsp phenos are most commonly 3-5 cm and pervasively sausseritized. 3-5% m.g. suh to euh relict bio phenos. Bio phenos are perv alt, yellow brown to pale tan and have a shreddy appearance. Alt of bio phenos has resulted in grains being less apparent compared with less alt pph qtz mnz units. Gmass is pervasively chloritized, greenish brown and soft, suggesting mod to strong alt (clay?, sericite?).						
			Stockwork vns absent. Rare (<1-1%) later f.g. dol - f.g. qtz/- f.g. cal +/- f.g. py vns. V rare to minor (<1-2%) closed vugs with f.g. dol +/-f.g. qtz +/- cal +/- to c.g. py +/- f.g to m.g. mag infill. Vugs are 0.4-1.6cm in size with irregular boundaries and rarely with v thin (<<1mm) margins of a med grey v.v.f.g. mineral (tetrahedrite?).						
349.83	358.84	Itm-Maf Dyke	Amygdaloidal Intermediate-Mafic Dyke	349.83	358.84	<<1			Very locld in later qtz-cal vns.
			Massive, med brown grey to med dark purple grey. 3-5% ovoid to irregular amygdules 3-7cm in size with v thin (<<1mm) v.f.g. cal rims and v.f.g qtz cores (sphericles?). 3% lime green to yellow green ovoid to oblong pods with diffuse boundaries 0.2-2.1cm in size. Pods are comprised of chlorite-cal+/-ep? (=sausseritized fsp phenos?). Minor (1-3%) subrnd brown-grey pervasively alt xenoliths 0.8-4.0cm in size.						
			Minor (1%) later f.g. qtz-f.g. cal+/-f.g. py vns. Later vns commonly have 1.5cm to 45cm tan alt halos. Mineralization rare to absent, save for very locld vf.g. py within later vns.						
358.84	402.00	Qtz Mnz	Porphyritic Qtz Monzonite with Strong Propylitic Alteration.	358.84	402.00	1	1	trace	F.g. to m.g. cpy, finely diss in later vns and in 2-4mm blebs, diss>blebs. F.g. to m.g. cpy, diss and in 1-3mm blebs. Blebs commonly have v thin (<1-1mm) born rims.
	EOH								
			Similar to unit @333.04m-348.83m. Med brown-grey, locally med green-						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
333.04	348.83	s	s				Strong propylitic alt, med green grey. Perv	333.04	348.83	fracs	35-40	1	
							sausseritization of fsp phenos. Bio phenos				70-75	1	
							strongly alt with shreddy appearance. Gdmass				50-60	<1	
							strongly chloritized, brownish grey and soft.						
								333.04	348.83	vns	10-20	<1	later f.g. dol - f.g. qtz/- f.g. cal +/- f.g. py vns.
								348.83	348.83	ctc	60	sharp	Sharp planar lithological ctc. 6cm of clay rich gouge at ctc.
349.83	358.84	vw					Very weak to weak propylitic alt defined by	349.83	358.84	fracs	40-60	<1	
							chlorite-cal+/-ep? Pods (sausseritized fsp						
							phenos?).	349.83	358.84	vns	40-50	1	later f.g. qtz-f.g. cal+/-f.g. py vns
								358.84	358.84	ctc	35	sharp	Sharp planar lithological ctc.
358.84	402.00	s	s				Strong propylitic alt, med brown grey to green	358.84	402.00	fracs	40-50	3	Dominant frac set
							brown. Perv sausseritization of fsp phenos. Bio				30-35	1-2	
							phenos perv alt, shreddy and indistinct. Perv				75-80	<1	

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

HOLE ID: 11-PC-104		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
30.00	33.00	3.00	2.95	98	0.00	0		broken zone
33.00	36.00	3.00	2.96	99	0.00	0		broken zone
36.00	39.00	3.00	3.00	100	0.10	3		broken zone
39.00	42.00	3.00	2.90	97	0.00	0		broken zone
42.00	45.00	3.00	3.04	101	0.13	4		broken zone
45.00	48.00	3.00	2.96	99	0.12	4		broken zone
48.00	51.00	3.00	3.00	100	0.00	0		broken zone
51.00	54.00	3.00	3.03	101	0.00	0		broken zone
54.00	57.00	3.00	3.00	100	0.20	7		broken zone
57.00	60.00	3.00	2.97	99	0.26	9		broken zone
60.00	63.00	3.00	3.04	101	0.00	0		broken zone
63.00	66.00	3.00	3.00	100	0.00	0		broken zone
66.00	69.00	3.00	3.02	101	0.00	0		broken zone
69.00	72.00	3.00	3.04	101	0.16	5		broken zone
72.00	75.00	3.00	2.95	98	0.18	6		broken zone
75.00	78.00	3.00	3.05	102	0.00	0		broken zone
78.00	81.00	3.00	3.01	100	1.08	36		
81.00	84.00	3.00	2.95	98	0.26	9		
84.00	87.00	3.00	3.00	100	0.21	7		
87.00	90.00	3.00	3.00	100	0.10	3		
90.00	93.00	3.00	3.00	100	0.83	28		
93.00	96.00	3.00	3.05	102	0.34	11		
96.00	99.00	3.00	3.02	101	0.35	12		
99.00	102.00	3.00	2.96	99	2.15	72		
102.00	105.00	3.00	2.96	99	0.93	31		
105.00	108.00	3.00	2.95	98	1.97	66		
108.00	111.00	3.00	3.01	100	2.81	94		
111.00	114.00	3.00	2.96	99	2.26	75		
114.00	117.00	3.00	2.96	99	2.37	79		
117.00	120.00	3.00	3.02	101	2.62	87		
120.00	123.00	3.00	3.01	100	2.30	77		
123.00	126.00	3.00	2.99	100	2.53	84		
126.00	129.00	3.00	2.95	98	2.64	88		
129.00	132.00	3.00	2.97	99	2.18	73		block short 10 cm, moved block
132.00	135.00	3.00	2.98	99	1.68	56		moved block
135.00	138.00	3.00	2.96	99	2.11	70		moved block
138.00	141.00	3.00	2.99	100	2.28	76		block long 10 cm, moved block
141.00	144.00	3.00	3.03	101	0.16	5		broken zone
144.00	147.00	3.00	2.95	98	1.18	39		broken zone mid to upper run
147.00	150.00	3.00	2.95	98	2.33	78		
150.00	153.00	3.00	2.96	99	2.70	90		
153.00	156.00	3.00	2.99	100	1.44	48		
156.00	159.00	3.00	3.01	100	0.87	29		broken zone
159.00	162.00	3.00	2.95	98	1.28	43		moderately fractured
162.00	165.00	3.00	3.04	101	2.73	91		
165.00	168.00	3.00	2.95	98	0.90	30		moderately fractured
168.00	171.00	3.00	2.94	98	0.97	32		moderately fractured
171.00	174.00	3.00	2.98	99	2.38	79		
174.00	177.00	3.00	2.98	99	1.47	49		
177.00	180.00	3.00	2.97	99	1.33	44		
180.00	183.00	3.00	3.01	100	1.91	64		
183.00	186.00	3.00	3.04	101	2.80	93		
186.00	189.00	3.00	3.00	100	2.77	92		
189.00	192.00	3.00	2.98	99	2.86	95		
192.00	195.00	3.00	2.96	99	2.64	88		
195.00	198.00	3.00	2.95	98	2.63	88		
198.00	201.00	3.00	3.01	100	2.75	92		
201.00	204.00	3.00	3.02	101	2.86	95		block short by 10 cm, moved
204.00	207.00	3.00	3.00	100	2.30	77		block long by 10cm, moved

HOLE ID: 11-PC-104			Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
207.00	210.00	3.00	3.05	102	2.40	80		
210.00	213.00	3.00	2.96	99	2.03	68		
213.00	216.00	3.00	2.98	99	2.91	97		
216.00	219.00	3.00	2.97	99	2.83	94		
219.00	222.00	3.00	2.99	100	2.20	73		
222.00	225.00	3.00	3.00	100	1.73	58		
225.00	228.00	3.00	3.04	101	1.82	61		
228.00	231.00	3.00	3.03	101	1.99	66		
231.00	234.00	3.00	3.00	100	2.34	78		
234.00	237.00	3.00	3.01	100	2.06	69		
237.00	240.00	3.00	3.05	102	1.71	57		
240.00	243.00	3.00	2.95	98	2.57	86		
243.00	246.00	3.00	2.98	99	2.40	80		
246.00	249.00	3.00	2.96	99	2.90	97		
249.00	252.00	3.00	3.01	100	3.01	100		
252.00	255.00	3.00	3.04	101	2.42	81		
255.00	258.00	3.00	2.95	98	2.28	76		
258.00	261.00	3.00	3.04	101	2.80	93		
261.00	264.00	3.00	2.96	99	2.44	81		
264.00	267.00	3.00	3.00	100	2.47	82		
267.00	270.00	3.00	3.00	100	1.95	65		
270.00	273.00	3.00	2.98	99	2.67	89		
273.00	276.00	3.00	3.00	100	2.30	77		
276.00	279.00	3.00	3.01	100	2.41	80		
279.00	282.00	3.00	2.99	100	2.37	79		
282.00	285.00	3.00	3.04	101	2.69	90		
285.00	288.00	3.00	3.02	101	2.45	82		
288.00	291.00	3.00	2.90	97	1.70	57		very crumbly rock
291.00	294.00	3.00	2.96	99	1.06	35		very crumbly rock
294.00	297.00	3.00	2.98	99	1.60	53		
297.00	300.00	3.00	3.04	101	2.54	85		
300.00	303.00	3.00	2.97	99	2.54	85		crumbly at top of run
303.00	306.00	3.00	3.02	101	2.03	68		
306.00	309.00	3.00	3.02	101	2.17	72		
309.00	312.00	3.00	2.97	99	2.28	76		
312.00	315.00	3.00	3.01	100	1.27	42		
315.00	318.00	3.00	2.96	99	2.10	70		
318.00	321.00	3.00	2.97	99	2.06	69		
321.00	324.00	3.00	3.04	101	2.48	83		
324.00	327.00	3.00	2.97	99	2.63	88		
327.00	330.00	3.00	3.02	101	2.15	72		
330.00	333.00	3.00	2.96	99	2.55	85		
333.00	336.00	3.00	3.05	102	2.52	84		
336.00	339.00	3.00	2.95	98	2.09	70		
339.00	342.00	3.00	3.01	100	2.86	95		
342.00	345.00	3.00	2.99	100	2.41	80		
345.00	348.00	3.00	3.03	101	2.12	71		
348.00	351.00	3.00	2.97	99	2.62	87		
351.00	354.00	3.00	3.01	100	2.66	89		
354.00	357.00	3.00	3.01	100	3.00	100		
357.00	360.00	3.00	2.99	100	2.51	84		
360.00	363.00	3.00	3.02	101	2.60	87		
363.00	366.00	3.00	2.97	99	2.26	75		
366.00	369.00	3.00	2.97	99	2.49	83		
369.00	372.00	3.00	2.95	98	1.96	65		
372.00	375.00	3.00	2.96	99	2.71	90		
375.00	378.00	3.00	2.95	98	2.47	82		
378.00	381.00	3.00	3.03	101	2.50	83		
381.00	384.00	3.00	3.02	101	2.64	88		

HOLE ID: 11-PC-104		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
384.00	387.00	3.00	3.00	100	2.55	85		
387.00	390.00	3.00	3.00	100	2.36	79		
390.00	393.00	3.00	3.00	100	1.98	66		
393.00	396.00	3.00	2.99	100	2.01	67		
396.00	399.00	3.00	2.97	99	2.45	82		
399.00	402.00	3.00	2.99	100	2.26	75		EOH

Hole ID: 11-PC-104		Sample Data			
Sample	Interval (m)		Sample Length	Type	Box
Number	From	To	Length	Std/B/Dup	#
124501	30.46	33.46	3.00		1-2
124502	33.46	36.46	3.00		2
124503	36.46	39.46	3.00		2-3
124504	39.46	42.46	3.00		3-4
124505	42.46	45.46	3.00		4-5
124506	45.46	48.46	3.00		5-6
124507	48.46	51.46	3.00		6-7
124508	51.46	54.46	3.00		7
124509	54.46	57.46	3.00		7-8
124510	57.46	60.46	3.00		8-9
124511				Std CDN-FCM-7	
124512	60.46	63.46	3.00		9-10
124513	63.46	66.46	3.00		10-11
124514	66.46	69.46	3.00		11
124515				Blank	
124516	69.46	72.46	3.00		11-12
124517	72.46	75.46	3.00		12-13
124518	72.46	75.46	3.00	Duplicate	12-13
124519	75.46	78.46	3.00		13-14
124520	78.46	81.46	3.00		14-15
124521	81.46	84.46	3.00		15
124522	84.46	87.46	3.00		15-16
124523	87.46	90.46	3.00		16-17
124524				Std CDN-CGS-27	
124525	90.46	93.46	3.00		17-18
124526	93.46	96.46	3.00		18
124527	96.46	99.46	3.00		18-19
124528	99.46	100.86	1.40		19
124529	100.86	103.86	3.00		19-20
124530	103.86	106.86	3.00		20-21
124531				Blank	
124532	106.86	109.86	3.00		21
124533	109.86	112.86	3.00		21-22
124534	112.86	115.86	3.00		22-23
124535	112.86	115.86	3.00	Duplicate	22-23
124536	115.86	118.86	3.00		23
124537	118.86	121.86	3.00		23-24
124538	121.86	124.86	3.00		24-25
124539	124.86	127.86	3.00		25
124540	127.86	130.86	3.00		25-26
124541	130.86	133.86	3.00		26-27
124542	133.86	136.86	3.00		27
124543	136.86	137.72	0.86		27-28
124544	137.72	140.72	3.00		28
124545	140.72	143.72	3.00		28-29
124546				Std CDN-FCM-7	
124547	143.72	146.72	3.00		29-30
124548	146.72	149.72	3.00		30-31
124549	149.72	152.72	3.00		31
124550	152.72	155.72	3.00		31-32
124551	155.72	158.72	3.00		32-33
124552				Blank	
124553	158.72	161.72	3.00		33
124554	161.72	164.72	3.00		33-34
124555	164.72	167.72	3.00		34-35
124556	167.72	170.72	3.00		35
124557	167.72	170.72	3.00	Duplicate	35
124558	170.72	173.72	3.00		35-36

Hole ID: 11-PC-104		Sample Data			
Sample	Interval (m)		Sample Length	Type	Box
Number	From	To	Length	Std/B/Dup	#
124559	173.72	176.72	3.00		36-37
124560	176.72	179.72	3.00		37
124561	179.72	180.82	1.10		38
124562	180.82	182.82	2.00		38
124563	182.82	185.82	3.00		38-39
124564	185.82	188.82	3.00		39-40
124565	188.82	191.82	3.00		40
124566	191.82	194.82	3.00		40-41
124567				Std CND-CGS-27	
124568	194.82	197.82	3.00		40-41
124569	197.82	200.82	3.00		42
124570	200.82	203.82	3.00		42-43
124571				Blank	
124572	203.82	206.82	3.00		43-44
124573	206.82	209.82	3.00		44
124574	209.82	212.82	3.00		44-45
124575	209.82	212.82	3.00	Duplicate	44-45
124576	212.82	215.82	3.00		45-46
124577	215.82	218.82	3.00		46
124578	218.82	221.82	3.00		46-47
124579	221.82	224.82	3.00		47-48
124580	224.82	227.82	3.00		48
124581	227.82	230.82	3.00		48-49
124582	230.82	233.82	3.00		49-50
124583	233.82	236.82	3.00		50
124584	236.82	239.82	3.00		50-51
124585	239.82	242.82	3.00		51-52
124586	242.82	245.82	3.00		52
124587	245.82	248.82	3.00		51-52
124588	248.82	251.82	3.00		53-54
124589				Std CDN-CM-11A	
124590	251.82	254.82	3.00		54
124591	254.82	257.82	3.00		54-55
124592	257.82	260.82	3.00		55-56
124593				Blank	
124594	260.82	263.82	3.00		56
124595	263.82	266.82	3.00		56-57
124596	266.82	269.82	3.00		57-58
124597	266.82	269.82	3.00	Duplicate	57-58
124598	269.82	272.82	3.00		58
124599	272.82	275.82	3.00		58-59
124600	275.82	278.82	3.00		59-60
124601	278.82	281.82	3.00		60
124602	281.82	284.82	3.00		60-61
124603	284.82	287.82	3.00		61-62
124604	287.82	290.82	3.00		62-63
124605	290.82	293.82	3.00		63
124606				Std CDN-CM-8	
124607	293.82	296.82	3.00		63-64
124608	296.82	299.82	3.00		64
124609	299.82	302.82	3.00		64-65
124610	302.82	305.82	3.00		65-66
124611	305.82	308.82	3.00		66
124612	308.82	312.08	3.26		66-67
124613				Blank	
124614	312.08	315.08	3.00		67-68
124615	315.08	318.08	3.00		68
124616	318.08	321.08	3.00		68-69

Hole ID: 11-PC-104		Sample Data			
Sample	Interval (m)		Sample Length	Type	Box
Number	From	To	Length	Std/B/Dup	#
124617	318.08	321.08	3.00		68-69
124618	321.08	324.08	3.00		69-70
124619	324.08	327.08	3.00		70
124620	327.08	330.08	3.00		70-71
124621	330.08	333.04	2.96		71-72
124622	333.04	336.04	3.00		72
124623	336.04	339.04	3.00		72-73
124624	339.04	342.04	3.00		73-74
124625				CDN-FCM-7	
124626	342.04	345.04	3.00		74
124627	345.04	348.04	3.00		74-75
124628	348.04	349.83	1.79		75
124629	349.83	352.83	3.00		75-76
124630	352.83	355.83	3.00		76-77
124631				Blank	
124632	355.83	358.84	3.01		77
124633	358.84	361.84	3.00		77-78
124634	361.84	364.84	3.00		78-79
124635	364.84	367.84	3.00		79
124636	367.84	370.84	3.00		79-80
124637	370.84	373.84	3.00		80-81
124638	370.84	373.84	3.00	Duplicate	80-81
124639	373.84	376.84	3.00		81
124640	376.84	379.84	3.00		81-82
124641	379.84	382.84	3.00		82-83
124642	382.84	385.84	3.00		83
124643	385.84	388.84	3.00		83-84
124644				Std CDN-CGS-27	
124645	388.84	391.84	3.00		84-85
124646	391.84	394.84	3.00		85
124647	394.84	397.84	3.00		85-86
124648	397.84	400.84	3.00		86-87
124649	400.84	402.00	1.16	EOH	87

2011 Poplar Drilling

Hole ID: 11-PC-105	Easting (NAD 83): 631386	Core Size: HQ & NQ	DDH Started: Sept 30 2011
	Northing (NAD 83): 5986867	Hole Azimuth: 090	DDH Finished: Oct 2 2011
Property: Poplar Deposit	Elevation: 927m	Hole Angle: -65	Log Completed: Oct 7 2011
	Source: GPS	Total Depth: 200.25m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A.Clayton, A.Green
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	90	-65
99.67	100.3	-64.5
200.25	103.2	-62.9

Summary:	11-PC-105 (PDH-T)
was designed to test the western contact of the low grade zone and to fill in a small gap at depth withn the current model. The collared in feldspar porphyritic quartz monzanite at 14.42m and remained in mozanite until the end of the hole at 200.25m. The hole was very weakly to weakly potassically alt with regions of later weak to moderate propylitic alteration. Weak cpy is observed throughout the hole and appears to increase at about 130m depth, locally up to 1% cpy diss throughout and in late qtz veins and on local fracture faces.	
this hole, the hole deviated from 090 to 103.2 degrees and shallowed from -64 to -62.9 over the 200.25m	
The core stabilizer was not used on	

Lions Gate Metals

Hole ID: 11-PC-105			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0	14.42	OVB	Casing to 6.10m cored flds pph qtz mnz boulders and till type OVB.						
14.42	97.88	qtz mnz	Light Green-Grey Propylitic Alt Fld Porphyritic Quartz Monzanite	14.42	97.88	2-3	<<1	tr	Py is most commonly diss throughout the rock,
									also occurs within late veins and as coatings on
			Light grn-gry fld pph qtz mnz, flds are sub to anhedral, 1-3mm and						fracture faces. Commonly observed diss
			make up 15-25% of the rock. Fld phenos are commonly clay-sericite						at chlorite alt sites. Cpy is very locally observed
			alt, locally weakly sausseritized. Propylitic alt is most common,						in late qtz or qtz-calcite veins as well as on
			locally created a spotted texture where chlorite appears						select fracture faces. Mo is observed very
			associated with diss sulphides, or sulphides associated with chlorite						finely diss within late qtz vns.
			alt? Local 1-2m intervals with very weak potassic alt. Strong fe						
			staining on fractures down to 19m. Late veins make up 1-3% of the						
			unit and are most commonly qtz or calcite, qtz often has associated						
			py, tr cpy is observed in one late qtz-calcite vn at 40.27m						
			Py is most commonly diss throughout the rock preferentially at						
			chlorite alt sites. Py also occurs in late veins of qtz or qtz-calcite						
			with local tr cpy and mo. Late veins appear to increase in abundance						
			with depth.						
97.88	115.28	qtz mnz	Medium Pink-Brown Potassically Alt Flds Porphyritic Quartz Monzanite	97.88	115.28	2-3	<1	<1	Py is observed diss throughout the rock, also
									on fracture faces and in late veining. Cpy occurs
			Medium pink-brn potassically alt flds qtz mnz, fld phenos are 2-3mm						with py diss throughout the rock but is mostly
			subhedral, weakly silicified, locally clay-sericite alt, making up						finer grained, locally more coarse 1-2mm on
			20-25% of the unit, appear indistinct. Rock is weakly to moderately						fractures, also within late vns. Mo is most
			silicified with pervasive weak to moderate potassic alteration. Very						commonly observed on finely diss on fractures
			local propylitic alt is observed as chlorite alt proximal to vns and						locally several % over 10-20cm. Diss>vns
			stockwork. Py appears preferentially associated to chlorite alt sites.						Late vns are not common and dominantly qtz,
			Py is most commonly diss throughout the interval, also associated						make up 1% of the unit.
			with late vns and weak stockwork. Cpy is closely related to py very finely						
			diss throughout the rock, also preferentially in late qtz, qtz-calcite veins.						
			Mo within late qtz vns and as coatings on fractures.						
			Late veins are weak making up only 1% of the unit.						
115.28	129.61	qtz mnz	Light Green-Grey Propylitic Alt Fld Porphyritic Quartz Monzanite	115.28	129.61	2-3	<1	<1	Py is observed diss throughout the rock, also
									on fracture faces and in late veining. Cpy occurs
			Light grn-gry fld pph qtz mnz, fld phenos are subhedral, 2-3mm, makes up						more commonly within or proximal to late vns
			20-30% of the unit. Phenos are commonly clay-sericite alt very local weak						also in 2-4mm "blebs" where propylitic alt is
			sausseritization. Propylitic alt is dominant weak to moderate, most						moderate. Mo is mostly observed finely diss

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
14.42	97.88	w	w		vw	vw	Alteration is most commonly propylitic, where chlorite alt forms weak halos around select vns and alt imparts a spotted appearance where chlorite alt "blotches" occur throughout the rock. Fld phenos are commonly clay-sericite alt and locally weakly sausseritized. Clay-sericite forms coating on fractures. Local 1-2m intervals of very weak to weak potassic alt.	14.42	97.88	vn	20-40	1-2%	Late veins of qtz, qtz-calcite or calcite make up 1-2% of the rock. They range from 20 to 40 tca, most commonly observed at 40-45 tca. Py and very locally cpy-mo are associated with late veins, particularly qtz and qtz-calcite. Vning appears to increase slightly with depth.
								32.30	32.35	flt		w-m	Rock is very broken around this interval and there is up to 3-4cm of gouge. Appears to be low angle to the core axis.
97.88	115.28	vw	vw		w-m	w-m	Weak pervassive potassic alteration along with weak silicification are dominant over this interval. Locally mafics appear to be chlorite alt, also weak chlorite alt around vns and fractures. Fld phenos appear weakly silicified and indistinct.	97.88	115.28	vns	30-45	1-2%	Late veins are weak and make up only 1-2% of the unit, dominantly qtz or qtz-calcite +/- associated sulphides (py>cpy>mo).
								97.88	115.28				This interval is very broken.
115.28	129.61	w	w		vw	vw	Propylitic alt is weak to locally moderate over short (~50cm) intervals. Chlorite forms halos around late vns and select fractures, also gives a spotted appearance where mafics are replaced by chlorite, sulphides occur	115.28	129.61	vns	20-30	2-3%	Late veins are dominantly calcite or qtz-calcite, sulphides appear preferentially associated to qtz vns py-cpy-mo.
											45		
								125.39	125.41	flt	20	w-mod	Fault with 1cm of grey-black gouge.

Lions Gate Metals

Hole ID: 11-PC-105			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			commonly expressed as chlorite alt as halos around vns and fractures,						on fractures, abundant from 118.20-118.55m.
			also imparts a spotted appearance where mafics are chlorite alt,						diss>vns
			sulphides prefer these sites. 118.00-121.00m weak potassic alt +						
			silicification, fld phenos are less distinct over this interval.						
			Py is diss throughout the rock, cpy occurs mostly associated with late						
			veining and is finely diss proximal to these veins. Mo is most						
			commonly observed on fractures, abundant from 118.20-118.55m.						
129.61	158.78	qtz mnz	Medium Pink-Brown Potassically Alt Fld Porphyritic Quartz Monzanite	129.61	158.78	2-3	<1-1	tr	Py is diss throughout the rock, forms weak
									coatings on fractures and associated with late
			Medium pink-brn potassically alt fld pph qtz mnz, fld phenos are 2-3mm						vns. Cpy is generally finer than py and also forms
			subhedral, weakly silicified, locally clay-sericite alt, making up						coatings on fractures and is observed within
			20-25% of the unit, appear indistinct. Rock is weakly to moderately						late vein qt-calcite. Mo is observed locally,
			silicified with pervasive weak to moderate potassic alteration. Very						mostly associated with late qtz vns.
			local propylitic alt is observed as chlorite alt proximal to vns.						
			Py appears preferentially associated to chlorite alt sites.						
			Py is most commonly diss throughout the interval, also associated						
			with late vns. Cpy is closely related to py, very finely diss throughout the						
			rock, also preferentially in late qtz, qtz-calcite veins. Mo is within late						
			qtz vns and as weak coatings on fractures.						
			142.77-143.42m late andesitic maroon dyke, 5% clay-sericite filled						
			vesicles. Sharp upper and lower contacts, lower contact is broken.						
158.78	200.25	qtz mnz	Light Green-Grey Fld Porphyritic Quartz Monzanite	158.78	200.25	2-3	<1-1	tr	Py is observed diss throughout the rock, also
	EOH								on fracture faces and in late veining. Cpy occurs
			Light grn-gry fld pph qtz mnz, fld phenos are subhedral, 2-3mm, makes up						more commonly within or proximal to late qtz
			20-30% of the unit. Phenos are commonly clay-sericite alt very local weak						veins. Mo is mostly observed finely diss within
			saussuritization. Propylitic alt is dominant weak to moderate, most						late qtz vns and very locally on fractures.
			commonly expressed as chlorite alt halos around vns and fractures,						Abundant cpy in late qtz-calcite vein at
			also imparts a spotted appearance where mafics are chlorite alt,						186.30m.
			sulphides preferentially occur at chlorite alt sites.	177.86	179.52		2		Late open space filling qtz-calcite vein with
			Py is diss throughout the rock, cpy occurs mostly associated with late						coarse euhedral cpy and tetrahedrite.
			veining and is finely diss proximal to these veins. Mo is most	186.33	186.41		2-5		Late qtz calcite vein with abundant cpy plus
			commonly observed in late qtz vns. Late veining is most abundant						fine grained tetrahedrite?
			through this interval, qtz with open space filling calcite make up 5-7%						
			of the unit.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							preferentially at chlorite alt sites. Fld phenos						
							are commonly clay-sericite alt and locally						
							very weakly sausseritized.						
129.61	145.72	vw	vw		w	w-m	Weak pervassive potassic alteration along	142.77	143.42	dyke	40		Late post mineralized vesicular maroon andesitic
							with weak silicification are dominant over						dyke. Sharp upper and lower contacts.
							this interval. Locally mafics appear to be						
							chlorite alt, also weak chlorite alt around	129.61	158.78	vn	25-35	1-2%	Late qtz-calcite veins make up 1-2% of the unit
							vns and fractures. Fld phenos appear weakly						cpy- mo appear preferentially associated with
							silicified and indistinct.						late veins.
145.72	152.65	w	w		vw		Weak propylitic alt expressed by chorite alt						
							of mafics and chlorite forms 5-20mm halos						
							around vns. Late vns increase through this						
							interval making up 5%, qtz vns.						
152.65	158.78	vw	vw		w	w-m	Weak pervassive potassic alteration along						
							with weak silicification are dominant over						
							this interval. Locally mafics appear to be						
							chlorite alt, also weak chlorite alt around						
							vns and fractures. Fld phenos appear weakly						
							silicified and indistinct.						
158.78	169.18	w	w-m		vw		Weak propylitic alt expressed by chorite alt	158.78	200.25	vns	20-35	5-7%	Late qtz clacite veins make up 5-7% of the unit,
							of mafics and chlorite forms 5-20mm halos						dominantly 30-35 tca. Commonly 5-10%
							around vns. At 163.00m sericite coatings						associated cpy-py-mo-tetrahedrite.
							on fractures become common and are 2-3mm						
							thick. Flds phenos are commonly clay-sericite						
							alt and locally weakly sausseritized.						
169.18	175.87	vw	vw		w-m	w-m	Weak to moderate potassic alteration along						
							with weak silicification are dominant over						
							this interval. Locally mafics appear to be						
							chlorite alt, also weak chlorite alt around						
							vns and fractures. Fld phenos appear weakly						
							silicified and indistinct. Fractures commonly						
							have sericite coatings.						

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-105		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
6.10	8.23	2.13	0.70	33	0.00	0		casing, overburden
8.23	11.28	3.05	0.93	30	0.00	0		overburden
11.28	14.33	3.05	1.58	52	0.00	0		overburden
14.33	17.37	3.04	2.38	78	0.11	4		0.12 cm overburden, extremely c
17.37	20.42	3.05	3.00	98	0.00	0		highly fractured
20.42	23.47	3.05	3.03	99	0.21	7		highly fractured
23.47	26.52	3.05	3.04	100	0.18	6		highly fractured
26.52	29.57	3.05	3.02	99	0.28	9		highly fractured
29.57	32.61	3.04	2.92	96	0.42	14		highly fractured throughout
32.61	35.66	3.05	2.76	90	0.70	23		highly fractured & crumbly
35.66	38.71	3.05	3.05	100	2.04	67		
38.71	41.76	3.05	3.05	100	0.50	16		moderately fractured
41.76	44.81	3.05	3.10	102	0.60	20		highly fractured
44.81	47.85	3.04	3.07	101	0.32	11		highly fractured
47.85	50.90	3.05	3.04	100	1.13	37		highly fractured
50.90	53.95	3.05	3.05	100	0.98	32		highly fractured
53.95	57.00	3.05	2.98	98	0.78	26		highly fractured
57.00	60.05	3.05	3.03	99	1.88	62		
60.05	63.09	3.04	3.10	102	0.27	9		highly fractured
63.09	66.14	3.05	3.06	100	0.87	29		highly fractured
66.14	69.19	3.05	3.07	101	1.09	36		highly fractured
69.19	72.24	3.05	3.10	102	0.56	18		highly fractured
72.24	75.29	3.05	3.09	101	1.12	37		
75.29	78.33	3.04	3.02	99	1.52	50		
78.33	81.38	3.05	2.98	98	2.00	66		
81.38	84.43	3.05	3.04	100	1.80	59		
84.43	87.48	3.05	2.99	98	2.42	79		
87.48	90.53	3.05	3.02	99	1.80	59		
90.53	93.57	3.04	3.03	100	1.66	55		
93.57	96.62	3.05	2.99	98	1.57	51		
96.62	99.67	3.05	3.02	99	0.50	16		highly fractured
99.67	102.72	3.05	3.02	99	0.00	0		highly fractured
102.72	105.77	3.05	3.11	102	0.00	0		highly fractured
105.77	108.81	3.04	3.05	100	0.25	8		highly fractured
108.81	111.86	3.05	3.06	100	0.46	15		highly fractured
111.86	114.91	3.05	2.98	98	0.10	3		highly fractured
114.91	117.96	3.05	3.04	100	1.00	33		highly fractured
117.96	121.01	3.05	2.89	95	0.11	4		highly fractured
121.01	124.05	3.04	3.03	100	1.68	55		
124.05	127.10	3.05	3.02	99	1.40	46		
127.10	130.15	3.05	3.02	99	1.72	56		
130.15	133.20	3.05	3.07	101	0.10	3		extremely crushed core
133.20	136.25	3.05	3.09	101	0.00	0		extremely crushed core
136.25	139.29	3.04	3.05	100	0.00	0		extremely crushed core
139.29	142.34	3.05	2.98	98	0.00	0		extremely crushed core
142.34	145.39	3.05	3.02	99	0.42	14		extremely crushed core
145.39	148.44	3.05	3.06	100	1.30	43		
148.44	151.49	3.05	3.08	101	1.91	63		
151.49	154.53	3.04	3.02	99	0.44	14		highly fractured lower run
154.53	157.58	3.05	3.04	100	0.00	0		highly fractured
157.58	160.63	3.05	3.04	100	1.43	47		
160.63	163.68	3.05	2.94	96	1.57	51		
163.68	166.73	3.05	2.90	95	1.22	40		
166.73	169.77	3.04	3.06	101	1.38	45		moderately fractured
169.77	172.82	3.05	2.91	95	1.58	52		moderately fractured
172.82	175.87	3.05	3.01	99	2.19	72		
175.87	178.92	3.05	2.95	97	1.59	52		
178.92	181.97	3.05	3.10	102	2.57	84		
181.97	185.01	3.04	3.01	99	2.75	90		

Hole ID: 11-PC-105		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
185.01	188.06	3.05	3.01	99	2.64	87		
188.06	191.11	3.05	3.09	101	2.58	85		
191.11	194.16	3.05	2.89	95	2.09	69		
194.16	197.21	3.05	3.01	99	2.40	79		
197.21	200.25	3.04	2.93	96	2.64	87		EOH

Hole ID: 11-PC-105		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046388	14.42	17.42	3.00		1-2
1046389	17.42	20.42	3.00		2
1046390	17.42	20.42	3.00	Duplicate	2
1046391	20.42	23.42	3.00		2-3
1046392	23.42	26.42	3.00		3-4
1046393	26.42	29.42	3.00		4
1046394	29.42	32.42	3.00		4-5
1046395				Std CGS-27	
1046396	32.42	35.42	3.00		5-6
1046397	35.42	38.42	3.00		6-7
1046398	38.42	41.42	3.00		7-8
1046399	41.42	44.42	3.00		8
1046400	44.42	47.42	3.00		8-9
1046401	47.42	50.42	3.00		9-10
1046402	50.42	53.42	3.00		10-11
1046403	53.42	56.42	3.00		11
1046404	53.42	56.42	3.00	Duplicate	11
1046405	56.42	59.42	3.00		11-12
1046406	59.42	62.42	3.00		12-13
1046407	62.42	65.42	3.00		13-14
1046408				Blank	
1046409	65.42	68.42	3.00		14-15
1046410	68.42	71.42	3.00		15
1046411	71.42	74.42	3.00		15-16
1046412	74.42	77.42	3.00		16-17
1046413	77.42	80.42	3.00		17-18
1046414	80.42	83.42	3.00		18
1046415	83.42	86.42	3.00		18-19
1046416				Std CGS-27	
1046417	86.42	89.42	3.00		19-20
1046418	89.42	92.42	3.00		20
1046419	92.42	95.42	3.00		20-21
1046420	95.42	97.88	2.46		21-22
1046421	97.88	100.88	3.00		22
1046422	100.88	103.88	3.00		22-23
1046423	103.88	106.88	3.00		23-24
1046424				Blank	
1046425	106.88	109.88	3.00		24-25
1046426	109.88	112.88	3.00		25-26
1046427	112.88	115.88	3.00		26
1046428	115.88	118.28	2.40		26-27
1046429	118.28	121.28	3.00		27-28
1046430				Std MOS-1	
1046431	121.28	124.28	3.00		28
1046432	124.28	127.28	3.00		28-29
1046433	127.28	129.61	2.33		29-30
1046434	129.61	132.61	3.00		30
1046435	132.61	135.61	3.00		30-31
1046436	135.61	138.61	3.00		31-32
1046437	135.61	138.61	3.00	Duplicate	31-32
1046438	138.61	141.61	3.00		32-33
1046439	141.61	144.61	3.00		33-34
1046440	144.61	147.61	3.00		34-35
1046441	147.61	150.61	3.00		35-36
1046442	150.61	153.61	3.00		36
1046443	153.61	156.61	3.00		36-37
1046444	156.61	158.78	2.17		37-38
1046445	158.78	161.78	3.00		38-39

Hole ID: 11-PC-105		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046446				Blank	
1046447	161.78	164.78	3.00		39
1046448	164.78	167.78	3.00		39-40
1046449	167.78	170.78	3.00		40-41
1046450	170.78	173.78	3.00		41
1046501	170.78	173.78	3.00	Duplicate	41
1046502	173.78	176.78	3.00		41-42
1046503	176.78	179.78	3.00		42-43
1046504				Std CM-11A	
1046505	179.78	182.78	3.00		43
1046506	182.78	185.78	3.00		43-44
1046507	185.78	188.78	3.00		44-45
1046508	188.78	191.78	3.00		45-46
1046509	191.78	194.78	3.00		46
1046510	194.78	197.78	3.00		46-47
1046511	197.78	200.25	2.47		47
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-106	Easting (NAD 83): 632041	Core Size: NQ	DDH Started: October 2 2011
	Northing (NAD 83): 5986825	Hole Azimuth: 270	DDH Finished: October 5 2011
Property: Poplar Deposit	Elevation: 911m	Hole Angle: -80	Log Completed: October 9 2011
	Source: GPS	Total Depth: 450.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Amanda Clayton, V
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0	270	-80
108	265.6	-81
207	269.2	-81
309	272.7	-80.5
402	279.3	-80
450	237.4	-80.5

Summary: This drillhole's objective was to test east of historic drilling and provide missing data from PC-47. The upper ~300m of the hole consists of fsp pph qtz monzonite intercalated with an aphyric felsic volcanic that compositionally resembles a qtz mnz. The units are dominantly weakly to moderately propyltically altered. Minor weak to mod phyllically altered intervals with weak to moderate prop alt overprints are throughout. Cpy and moly are sporadically present in later vns and cpy is very locally diss. Below 300m, the hole consists of fsp pph qtz monzonite with dominantly weak to moderate phyllic alteration and minor intervals of propylitic and potassic alteration. Cpy and moly are consistently present in trace amounts, both cpy and moly are in later vns and cpy is locally disseminated. Whereas the block model predicts the hole to produce 0.2-0.3% Cu, the observed cpy abundances do not support such a prediction. Cpy may be finely diss and intergrown with py, increasing the overall grade of the hole. However, this inference can only be confirmed with assay results.

Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	24.00	Ovb	Casing to 24.00m						
24.00	25.45	Ovb	Cored ovb, few pph qtz mnz boulders.						
25.45	105.57	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	25.45	105.57	5	trace		F.g. to m.g. py, diss, in stockwork and later
									qtz/cal and gypsum vns. Diss py>vns. F.g.
			Massive, dominantly light grey, locally light to med green grey. Vw-w,						cpy, diss and in later qtz/cal vns, vns>diss. Sul
			locally mod propylitic alt, v locld very weak silicified intervals.						are coarser grained in vns than when diss, py
			35-40% anh to suh, white fsp phenos 1-5mm in size, most commonly						is locally c.g. in later qtz/cal and gypsum vns.
			1-3mm in size. Fsp phenos are partially altered to clay/sericite.						
			7-10% med grey flecks of chlorite/clay altered mafics 2-6mm in size,	72.80	73.80			trace	Vf.g. to f.g. mo locally occurs in later 1.2-2.1cm
			most commonly 2-4mm. Flecks are commonly aggregated into 4-6cm						wide f.g. to m.g. qtz-f.g. to m.g. cal-f.g. to
			med grey clots, resulting in locld intervals with a distinctive spotted						m.g. py-vf.g. to f.g. vns 20-30°tca. Similar
			texture.						vn @ 99.00m.
			1-3 mm randomly oriented f.g. qtz +/- f.g. py +/- f.g. cpy stockwork vns						
			with 2-5mm med grey alt halos (phyllic?) comprise 5-7% of unit. Stkwrk						
			vns are less apparent in silicified intervals but still present. Stockwork vns						
			v locally are densly concentrated and display a preferred orientation						
			tca @ 40.21-40.36m and 66.63-67.08m. Minor (3-5%) later f.g to m.g.						
			qtz and/or f.g. to m.g cal +/- f.g. to m.g. py +/- f.g. to cpy vns 0.4-						
			2.0 cm wide cut stockwork. Later qtz/cal vns rarely exhibit open space						
			text and are locally vuggy from 25.45m-45.00m. Rare to minor (1-3%)						
			f.g to m.g .gypsum+/-f.g to m.g dol+/-f.g to m.g. py+/- f.g. to m.g. cal						
			vns 0.2-2.0cm wide cut stockwork.						
			43.51m: 2cm wide breccia vn with trace f.g. to m.g. cpy. Ang qtz mnz						
			clasts, f.g .qtz matrix.						
			54.31m: 1.5cm wide pale peach f.g. to m.g. dol-f.g. gypsum vn. Dark						
			grey soft sooty rims, gypsum itsl (interstitial) to dol.						
			77.13-78.51m: Fault zone, partially dissolved and pitted core with						
			very abundant gouge. Core is moderately pitted ~1m proximal to						
			upper and lower ctcs.						
			89.64m: Frac plane coated with c.g. euh gypsum with prismatic habit						
			and drusy text.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			97.32m: 2.1cm wide m.g. to c.g. cal-f.g. to m.g. qtz-m.g. to c.g. py-f.g.						
			to m.g. gypsum-m.g. sph vn with open space filling text. Vn locally has						
			v thin (<<1mm) rim of v.f.g. pink-red mineral (hem?). Sph is honey-tan.						
105.57	108.26	Aph Fel Vlc?	Aphyric Felsic Volcanic (dyke?)	105.57	108.26	3-5			F.g. to m.g. py; diss, in stockwork and later qtz/cal
									and gypsum vns and locally in aggregates of
			Massive, appears compositionally similar to fsp pph qtz monzonite.						3-5mm blebs.
			Aphanetic gdmass is predominantly light pink-tan and						
			locally patchy light grey to light pink-tan (patchy sections=partially						
			digested pph qtz mnz enclaves?). 1-3mm med grey flecks of chlorite/clay						
			altered mafic aggregates comprise 3-5% of the unit. Light pink-tan color						
			of gdmass and chl/clay alt of mafics suggests there is v weak pot alt?						
			overprinted by vw to w propylitic alt.						
			1-2mm randomly oriented f.g. qtz-f.g. py vns with 2-4 mm med grey alt						
			halos comprise 5-7% of the unit. V rare (<<1%) later 2-4mm wide						
			f.g. qtz +/- f.g. cal +/- f.g py vns and 1-2mm wide f.g. gypsum +/- f.g. cal +/-						
			f.g. dol +/- f.g. py vns cut stockwork vns.						
			105.79-105.90m: Fault zone; pitted core with mod abnt gouge, frac with						
			3cm thick gouge infill.						
			Few pph qtz mnz units (dykes?, sharp ctcs, no chilled margins) @ 106.70-						
			106.81m, 107.64-107.86m.						
108.26	141.90	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	108.26	141.90	5-7	trace		F.g. to m.g. py; diss, in stockwork and later gypsum
									and qtz vns. Diss py ~=vns. F.g. to m.g. cpy locally
			Massive, light grey to med grey with locld greenish tint. 35-40% white,						occurs in later gypsum and qtz vns.
			anh to suh fsp phenos 2-5mm in size, most commonly 2-3mm. Fsp phenos						
			are partially to completely altered to sericite/clay. Gdmass softer and						
			mod to strongly altered to chl/clay where unit is colored med grey. Med	137.47	138.00			trace	Trace v.f.g. mo v locally occurs in qtz-cal-py-gypsum
			grey chl/clay altered mafic aggregates 3-5mm in size result in locally						vns, 3.1-5.2cm wide. Similar vn @ 113.37m.
			spotted/mottled texture. Chl/clay altered mafic aggregates and locld						
			chl/clay alt of gdmass defines very weak to weak propylitic alt.						
			Gdmass is locally pinkish from 133.86m-141.90m. Color may be						
			attributed to weak oxidation, Kfs flooding or f.g. hem. Nature of alteration						
			inconclusive.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			1-3mm randomly oriented f.g. qtz+/-f.g py stockwork vns with 3-5mm med						
			grey alt halos comprise 5-7% of the unit. Later translucent,						
			clear to pale peach f.g. to m.g. gypsum +/- f.g. cal +/- f.g. to c.g. py +/- f.g.						
			to m.g. cpy vns comprise 1-3% of the unit. Later gypsum vns are most						
			commonly 1-3mm, up to 2.2cm wide. <3mm gypsum vns v rarely contain						
			py. Later 0.9-5.2cm wide, f.g. to m.g. qtz +/- f.g. to m.g. cal +/- f.g. to c.g.						
			py +/- f.g. to m.g. gypsum +/- f.g. cpy +/- v.f.g. mo (locld) vns comprise 1%						
			of the unit. All later vns cut stockwork vns.						
141.90	167.34	Aph Fel Vlc?	Aphyric Felsic Volcanic?	141.90	167.34	3-5	trace	trace	F.g. to c.g. py, very finely diss, in stockwork and
									in later qtz vns. Diss py>vns. F.g. cpy and f.g. to v.f.g.
			Massive, aphanetic, with variable color: light to med grey, locally light						mo occur in later qtz vns. Mo is more commonly
			pink grey to light brown grey. Mod to strong chl/clay alteration of gdmass,						present than not in later vns.
			strongest in med grey intervals. 7-10% med grey chl/clay alt mafic						
			aggregates 2mm-5mm in size produce locally spotted/mottled text. Alt						
			mafics less apparent in med grey intervals but are still present. Weak						
			locally mod propylitic alt defined by chl/clay alt of mafic aggregates and						
			gdmass. Unit compositionally appears similar to fsp pph qtz mnz.						
			1-2mm randomly oriented f.g. qtz +/- f.g. py stockwork vns with 2-4mm						
			med grey alt halos (phyllic?) comprise 3-5% of the unit. Stockwork vns are						
			less apparent in med grey chl/clay alt intervals but are still present.						
			Minor (1-3%) later, f.g. to m.g. qtz +/- f.g. to c.g. py +/- f.g. to m.g. cal +/- f.g.						
			cpy +/- f.g. to v.f.g. mo vns cut stockwork vns. Later vns commonly have						
			open space filling text with py-cal cores bounded by qtz and thin,						
			discontinuous mo rims. Later qtz vns are locally vuggy. V rare (<<1%), later						
			pale peach f.g. to m.g. dol +/- f.g. py vns cut stockwork.						
			Few small faults/gouge filled fracs with 2-3cm thick gouge infill @						
			159.03m, 159.78-159.93m, 160.20m, 166.33m and 167.16m.						
167.34	169.07	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Phyllic Alt	167.34	169.07	3-5			F.g. to m.g. py, diss and in vns, diss>>vns.
			Massive, light to med grey. 1-3mm anh to suh, white to v pale green fsp						
			phenos comprise 30% of unit. Fsp phenos are partially to completely						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								141.90	141.90	ctc	60	sharp	Sharp planar lithological etc.
141.90	167.34	w-m					Light to med grey, locally light pink/brown	141.90	167.34	fracs	40-50	3-5	
							grey. Weak, locally mod propylitic alt defined				30-35	1-2	
							by mod to strong chl/clay alt of gdmass and				60-70	1	
							mafic aggregates.						
								141.90	167.34	vns	10-35	1-3	Later f.g. to m.g. qtz +/- f.g. to c.g. py +/- f.g. to m.g.
											40-60	<1	cal +/- f.g. cpy +/- f.g. to v.f.g. mo vns.
								159.03	159.03	faults	30	w-m	Few small faults/gouge filled fracs with 2-3cm
													thick gouge infill @ 159.03m, 159.78-159.93m,
													160.20m, 166.33m and 167.16m. Gouge filled frac
													at 166.33m, 10°tca.
								167.34	167.34	ctc	20	sharp	Sharp planar lithological etc. 1.5cm gouge @ ctc.
167.34	169.07	w-m	w-m				Light to med grey. Very weak phyllic alt with	167.34	169.07	fracs	50-60	2	
							weak, locally mod prop alt overprint				70	<1	
							defined by chl/clay alt of gdmass and sericite/				30	<1	
							clay alt of fsp phenos.						

Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			alt to sericite/clay and locally weakly sausseritized. Gdmass is weakly to mod chltized. Vw phyllic alt with w, locally mod prop alt defined by chl alt of gdmass and sericite/clay alt of fsp phenos. Rare (1%) 1mm f.g.qtz +/- f.g. py stockwork vns cut by v rare (<<1%) later f.g. to m.g cal +/- f.g. qtz +/- f.g. py vns. 1.5 cm fault gouge @ upper ctc, lower ctc diffuse. Unit appears to be a dyke, no chilled margins.						
169.07	179.96	Aph Fel Vlc?	Aphyric Felsic Volcanic?	169.07	179.96	1-3			F.g. py, finely diss and in vns, diss>>vns.
			Similar to described@141.90-167.34m. Massive, med grey. Spotted/mottled intervals rare to absent. Later qtz vns rare to absent (<1%). 1-3% stockwork vns are present but less apparent.	173.92	173.92			trace	1.2cm wide f.g. to m.g. qtz-f.g. cal-m.g. suh to euh cream tan sph-vf.g. mo vn. Mo occurs as inclusions in sph xls.
			171.71-171.80m: Small fault, strongly pitted core with abnt gouge.						
179.96	183.06	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	179.96	183.06	1-3			F.g. to m.g. py, diss and in vns, diss>vns.
			Similar to described @167.34m-169.07m. 1.5cm gouge at upper ctc, fining of gdmass and disappearance of fsp phenos at lower ctc (chilled margin?).	180.15	180.15			trace	1.5cm f.g. qtz vn with trace v.f.g diss mo.
183.06	211.03	Aph Fel Vlc?	Aphyric Felsic Volcanic?	183.06	211.03	3-5	trace		F.g. to m.g. .py, finely diss, in stockwork and later qtz vns. Diss py>vns. F.g. cpy in v locld later qtz vns. Sul coarser in later vns.
			Massive, variable color: light to med grey to v pale green grey. Aphanetic very weak to weak, locally mod chl/clay alt gdmass. 0.1-1.0cm med grey, chl/clay alt mafic aggregates comprising 10-25% of the unit generates a mottled, locally spotted text. Very weak to weak prop alt defined by chl/clay alt of gdmass and mafic aggregates. Unit appears compositionally similar to fsp pph qtz mnz.	207.09	207.22			trace	Few 2-3 mm wide f.g. qtz-v.f.g mo parallel vns, 60°tca.
			1-2mm randomly oriented f.g. qtz +/- f.g. py stockwork vns with 2-4mm med grey alt halos comprise 3-5% of the unit. Minor (1-3%) later f.g. to m.g. qtz +/- f.g. dol +/- f.g. cal +/- f.g. to m.g. py +/- f.g. cpy +/- vf.g. mo vns cut stockwork vns. Minor (1-3%) clay/sericite coated frac planes.						
			201.15-201.42m: Light to med grey fsp porphyritic dyke similar to described @167.34m-169.07m. Sharp ctcs.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
211.03	224.47	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Phyllic Alteration	211.03	224.47	3-5	Trace	Trace	F.g. to m.g. py, finely diss, itsl in mafic aggregates, in stockwork and later cal/qtz vns. Diss>vns. F.g. cpy, up to 1% locally. Cpy is finely diss and itsl in mafic aggregates, diss> aggregates. V.f.g. to f.g. mo is in later cal/qtz vns, most commonly as v thin (<<1%) discontinuous rims and rarely diss throughout. Py is coarser in later cal/qtz vns.
			Massive, light to medium grey with weak phyllic alt and weak, locally mod prop alt overprint. 1-5mm white to v pale green, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are most commonly 1-3mm, partially to completely alt to sericite/clay +/- cal and locally v weakly sausseritized. Gdmass is weakly, locally moderately chloritized. 0.3-1.5cm wide med grey chl/clay altered mafic aggregates comprise 1-3% of the unit and generate a locally spotted texture. Mafic aggregates commonly have itsl (interstitial) f.g py and f.g. cpy. Unit may be a dyke, sharp ctcs, no chilled margins.						
			1-2mm randomly oriented f.g. qtz +/- f.g. py stockwork vns with 2-4mm med grey alt halos (phyllic?) comprise 1-3% of the unit. Rare (1%) later f.g. to m.g. cal and/or f.g. qtz +/- f.g. py +/- v.f.g. to f.g. mo +/- gypsum vns 0.4-1.3cm wide cut stockwork.						
224.47	239.20	Aph Fel Vlc?	Aphyric Felsic Volcanic?	224.47	239.20	1-3	trace	trace	F.g. to m.g. py, finely diss, in stockwork and in later qtz vns. Finely diss py>vns. F.g. cpy very locally occurs in later qtz vns. V.f.g mo very locally occurs in a 2mm wide later qtz vn @ 228.43m.
			Similar to unit described @183.06-211.03m. 5-7% randomly oriented stockwork vns. 1% later qtz vns with locally vuggy texts.						
			224.47-225.59m: Weak brecciation with abnt annealed fracs.						
			233.75-233.83m: Fsp porphyritic qtz monzonite dyke. 30% anh-suh, white to v pale green fsp 1-5mm in size are weakly sausseritized. Sharp planar ctcs. 3cm of fault gouge @ lower ctc. Similar dyke @ 238.66-238.81m.						
239.20	243.31	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Phyllic Alteration	239.20	243.31	3-5		trace	F.g. to m.g. py, diss, in stockwork and later qtz vns. Py coarser in later vns, diss>vns. V.f.g to f.g. mo very locally occurs in later qtz vn @239.53m.
			Massive, light to med grey with locld green grey intervals. Vw phyllic alt						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
211.03	224.47	w-m	w-m				Very weak phyllic alt defined by sericite/clay alt of fsp phenos. Weak, locally moderate propylitic alt defined by sausseritization of fsp phenos, chl alt gdmass and chl/clay alt of mafic aggregates.	211.03	224.47	fracs	50-60	3	
											70-80	1	
											30-35	<1	
								224.47	224.47	ctc	55	Sharp	Sharp planar lithological ctc. Ctc located along frac plane.
224.47	239.20	w-m					Similar to unit described @ 183.06-211.03m.	224.47	239.20	fracs	30-40	3	
											50-60	1	
											70-75	<1	
								224.47	239.20	vns	30-50	1	Later f.g. to m.g. qtz +/- f.g. dol +/- f.g. cal +/- f.g. to m.g. py +/- f.g. cpy +/- vf.g. mo vns.
								233.75	233.83	dyke	20-30	sharp	Sharp planar lithological ctcs of fsp porphyritic qtz mnz dyke. Upper and lower ctcs 20° and 30°tca, respectively.
								238.66	238.81	dyke	20-60	sharp	Sharp planar lithological ctcs of fsp porphyritic qtz mnz dyke. Upper and lower ctcs 20° and 60°tca, respectively.
								239.20	239.20	ctc	30	sharp	Sharp planar lithological ctc.
239.20	243.31	m-s			vw		Light to med grey with locld green grey intervals. Weak phyllic alt with locld weak silicification proximal to ctcs. Prop alt	239.20	243.31	fracs	40-50	1	
											60-70	1	
											30-35	<1	

Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			with w-m prop alt, locally weakly sicilified. 1-5mm white to pale green, suh to euh fsp phenos comprise 40-50% of the unit. Fsp phenos are most commonly 3-5mm, partially to completely altered to sericite/clay +/-cal and locally weakly to mod sausseritized. The light to med grey gdmass is weakly to mod chloritized. 1% f.g. to m.g., perv alt, cream-light tan bio phenos are most common proximal to ctcs.						
			1-2mm randomly oriented f.g. qtz-f.g. py stockwork vns with 2-4mm med grey alt halos (phyllic?) comprise 3% of the unit. Rare (<1%) later f.g. qtz+/- f.g. py+/-f.g. cal+/- v.f.g to f.g. mo vns cut stockwork vns.						
243.31	250.83	Aph Fel Vlc?	Aphyric Felsic Volcanic?	243.31	250.83	1-3			F.g. to m.g. py, finely diss, in stockwork and later qtz/cal vns. Diss>vns.
			Similar to unit described @183.06-211.03m. V pale green grey to tan brown. 2-4mm chl/clay altered mafic aggregates comprise 15-20% of unit. 5-7% randomly oriented stockwork vns. <1% f.g. qtz-f.g. cal +/- f.g py vns cut stockwork. Later vns locally have drusy or vuggy texts.	246.94	248.64			trace	Mo locld in later f.g. qtz-f.g. dol-f.g. py-vf.g. to f.g. mo vn within fsp pph qtz mnz dyke.
			244.44m: 1 cm wide f.g. cal-f.g. qtz-f.g. to m.g, euh platy mineral (bio?) breccia vn. Ang aphyric felsic vlc clasts.						
			246.94-248.64m: Fsp porphyritic qtz monzonite dyke running approx parallel tca. Similar to unit described @239.20m-243.03m, sharp ctcs no chilled margins. Few later f.g. qtz-f.g. dol-f.g. py-v.f.g. to f.g. mo vns.						
250.83	264.74	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	250.83	264.74	5	trace	trace	F.g. to m.g. py, finely diss, in stockwork and later qtz vns. Py coarser in later vns, diss>vns. V.f.g to f.g. mo in later qtz vns, commonly intergrown with sph. Mo abundance inc to 1% locally. F.g. cpy v locally in later qtz vns.
			Similar to unit described @ 239.20-243.31m. 1-3% randomly oriented stockwork vns. 3% later f.g. to m.g. qtz +/- f.g. to m.g. cal +/- f.g. to m.g. py +/- v.f.g. to f.g. mo +/- f.g. to m.g cream-tan sph +/- f.g. to m.g. cpy vns Later vns are 0.1-1.2 cm wide, locally vuggy and mo is more commonly present than not.	253.17	253.17				<1% 2-3mm blebs of dk grey f.g. submet-met mineral (tetrahedrite??) intergrown with f.g. py.
			263.49-264.00m: Aphanetic intermediate dyke. Altered to dusty rose with 6cm adjacent to ctcs bleached to cream-tan. 1mm f.g. qtz vn running						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							defined by sericite/clay alt of fsp phenos and locld weak silicification. W-m prop alt overprint defined by sausseritization of fsp phenos and chloritization of gdmass.	243.03	243.31	vns	15	Sharp	Sharp undulatory lithological ctc. 0.5cm wide f.g. qtz-f.g. py vn @ ctc.
243.31	250.83	w-m					Similar to alt described in unit @183.06-211.03m.	243.31	250.83	fracs	45-50	1	
											25-30	<1	
											70	<1	
								244.44	244.44	vn	15	<<1	f.g. cal-f.g. qtz-f.g. to m.g. euh platy mineral (bio?) breccia vn.
								246.94	248.64	dyke	0-10	sharp	Pph qtz mnz dyke running approx parallel tca.
								250.83	250.83	ctc	20	sharp	Sharp planar lithological ctc.
250.83	264.74	m-s					Similar to unit described @ 239.20-243.31m.	250.83	264.74	fracs	50-60	3-5	
							Locld weak silicified intervals more common				30-35	1	
							than unit @ 239.20-243.03m.				70-75	<1	
								250.83	264.74	vns	10-20	2	Later f.g. to m.g. qtz +/- f.g. to m.g. cal +/- f.g. to m.g.
											50	1	py +/- v.f.g. to f.g. mo +/- f.g. to m.g cream-tan sph +/-
													f.g. to m.g. cpy vns
								264.74	264.74	ctc	50	Sharp	Sharp planar lithological ctc. 11cm wide dark grey
													hard clay interval with a strong foliation (shearing?)

Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			approx parallel tca with 2cm cream tan alt halo. 3% 1mm, qtz filled						
			amgydules.						
			261.74-264.74m: Few 2-4mm wide cream, f.g. dol-f.g. qtz-f.g. cal vns						
			proximal to lower etc.						
264.74	287.80	Aph Fel Vlc?	Aphyric Felsic Volcanic?	264.74	287.80	1-3	trace	trace	F.g. py, finely diss, in stockwork and later qtz/dol vns.
									Diss py>vns. V.f.g to f.g. mo in later qtz/dol vns,
			Similar to unit described @183.06-211.03m. 10-15% chl/clay alt mafic						abundance varies from 3-6%. Mo is commonly
			aggregates. Later vns dominantly comprised of f.g. to m.g. qtz-f.g. to m.g.						intergrown with sph and cpy.
			cream dol-f.g. py-f.g. mo-f.g. cream-tan sph +/- f.g. cpy+/- f.g. cal. Mo-sph						
			is rarely absent in later vns. Later vns commonly vuggy and locally exhibit						
			drusy or open space filling texts (qtz cores, dol rims).						
			264.74-266.10m: Fault zone, unit is locally weakly brecciated and pitted.						
			Few fracs with 1-2cm thick gouge. 11cm wide dark grey hard clay interval						
			with a strong foliation (shearing?) occurs at upper etc.						
			282.63-286.00m: Unit is locally v weakly brecciated. 4-17cm intervals						
			with abnt stepped/irregular sericite/clay filled fracs (later stockwork?)						
			and 2-4mm wide breccia vns, sericite/clay matrix.						
			289.90-280.00m: Section with rolled pieces of core and rounded boulder						
			pieces of various lithologies. Rolled and rounded pieces likely						
			sourced from top of hole and have been removed such that they are not						
			sampled.						
287.80	300.66	Qtz Mnz	Variably Altered Fsp Porphyritic Qtz Monzonite	287.80	300.66	1-3		trace	F.g. to m.g. py, diss, in stockwork and later qtz vns.
									Diss py>vns, py is coarser in vns. V.f.g to f.g. mo
			Massive, med grey with local dark grey to grey black intervals. Weak to						locally occurs in later qtz vns.
			mod propylitic alt, v locld v weak to weak pot alt with weak to mod						
			silicification. 1-5mm light grey to white, anh to suh fsp phenos comprise	296.51	296.51	3-5		1-3	4.2cm wide f.g. qtz-f.g. dol-f.g. to m.g. py-f.g. to v.f.g
			35-40% of unit. Fsp phenos are most commonly 1-3 mm and indistinct.						mo vn with open space filling text. Qtz-py-mo core,
			Locld partial to complete sericite/clay alt of fsp phenos generates slightly						dol rims.
			coarser sections. Gmdass is weakly to mod chl/clay altered. F.g. to m.g.						
			med grey to light green chl/clay alt mafics comprise 3-5% of gdmass. Alt						
			mafics are v locally collected into aggregates 3-4mm in size.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Weak bio flooded gdmass and weak to mod silicification defines v locld weak pot alt. Gdmass is locally stained v pale pink (vw Kfs flooding?).						
			1-2mm randomly oriented f.g. qtz+/-f.g. py stockwork vns with 3-5mm med grey alt halos (phyllic?) comprise 5% of the unit. Stockwork vns are less visible in intervals of stronger prop alt and silicification but are still present. 1% later, f.g to m.g. qtz+/-f.g. to m.g. cal+/- f.g. to m.g. py+/-f.g. to m.g. dol+/-v.f.g. to f.g. mo vns 0.5-4.2cm wide cut stockwork vns. Later qtz vns are locally weakly vuggy and rarely exhibit open space filling text. Dark grey sooty rims are mod common on later qtz vns.						
300.66	363.08	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak to Moderate Phyllic Alteraton	300.66	363.08	3-5	trace	trace	F.g. to m.g. py, diss, in stockwork and later qtz vns. Py is coarser in later vns, diss>vns. F.g. to v.f.g. mo is dominantly in later vns and is very locally diss, vns>diss. Trace amounts of a v.f.g. to f.g., dark grey met mineral (tetra?, alt mo?, specular hem?) are locally finely diss and in later qtz vns. The dark grey mineral locally inc to abundance to 1-2% that generates a weak to mod sooty appearance. F.g. to m.g. cream-tan sph locally occurs in later qtz vns, most commonly in association with mo.
			Massive, variable color: predominantly pale grey buff, locally light grey, v pale green grey or pink brown. Weak to mod phyllic alt with locld weak to strong propylitic overprint. 1-5mm white, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are partially to completely alt to sericite +/- clay. 1-3mm med green grey to med grey, strongly chl/clay alt diss mafics comprise 5-7% of the unit. Gdmass is weakly to mod silicified.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py stockwork vns with 3-5 mm med grey qtz alt halos (phyllic) comprise 3-5% of the unit. Stockwork is less apparent where silicification is stronger but is still present. 0.30-1.5cm wide, later f.g. to m.g. qtz+/-f.g. to m.g. cal+/-f.g. to m.g. py+/-f.g. to v.f.g. mo+/- v.f.g. to f.g. dark grey met mineral (tetra?, alt mo?, specular hem?)+/-f.g. cpy +/- f.g. sph vns. The dark grey, met unknown mineral (tetra?, alt mo?, specular hem?) is locally diss and where it occurs in greater abundance (up to 2-3%) in gdmass and vns the unit takes on a weak to mod sooty appearance. Minor (3-5%) sericite +/- clay coated frac planes.	325.60	331.30	3	trace		3% med blue grey f.g. qtz-v.f.g to f.g. dark grey, met mineral (tetra?, alt mo?)-f.g.py-f.g. cpy vns cut stkwrk. Vns are 0.5-2.1 cm wide, with 5-7% unknown dark grey mineral. The f.g. to v.f.g. unknown dark grey mineral is also finely diss in gdmass, comprising 2-3% of the unit.
				335.30	335.30	3			1.5cm wide f.g. to m.g. qtz-m.g. to c.g. pale pink cal-m.g. to c.g. py-vf.g. to f.g. dark grey to steel grey, met mineral (tetra?)-f.g. to v.f.g. mo vn with open space filling text. Cal-py core, qtz-steel grey min-mo sooty rims. Similar vn @ 339.70m.
			313.22-313.36m: Weak fault, strongly pitted core with minor gouge. Few fracs with 2-4mm thick gouge infill @ 314.46-315.18m.						
				354.62	354.63			5	1cm wide c.g. suh to euh cal-m.g. to c.g. suh to euh

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
300.66	348.66	w-m	m-s		w-m		Weak to mod phyllic alt with locd weak to strong propylitic overprint. The gdmass is weakly to moderately silicified. Color varies with degree and type of alteration. Weak to mod phyllically altered intervals are predominantly light grey to palegrey buff. More strongly silicified, phyllically altered intervals are pink brown. Intervals with stronger propylitic alt are v pale green-grey. Phyllic alt defined by sericite +/-clay alt of fsp phenos, weak to mod silicification of and sericite+/- clay coated frac planes. Locld prop alt defined by chl/clay alt of mafics and gdmass.	300.66	363.08	fracs	50-60	4	
											30-40	2	
											70-80	1	
								300.66	363.08	vns	10-25	3	Later f.g. to m.g. qtz+/-f.g. to m.g. cal+/-f.g. to m.g. py+/-f.g. to v.f.g mo+/- v.f.g. to f.g. dark grey met mineral (tetra?, alt mo?, specular +/-f.g. cpy +/- f.g. sph vns.
								325.60	331.30	vns	20-40	3	Med blue grey f.g. qtz-v.f.g to f.g. dark grey, met mineral (tetra?, alt mo?)-f.g.py-f.g. cpy vns.
								313.22	313.36	fault	60	weak	Weak fault, strongly pitted core with minor gouge.
								359.16	359.86	fault	35-50	weak	Weak fault, mod to strongly pitted with a few 0.4-1.6cm thick gouge-filled fracs 35-50 °tca.
348.66	359.86	m-s			m-s		Weak to mod, locally strong propylitic alt. V pale green to med green, locally grey buff. Gdmass is pervasively mod to strongly chloritized, locally mod to strongly silicified and fsp phenos are weakly to strongly sausseritized. Chloritization of gdmass is strongest in interval with abnt annealed fracs and breccia vns @350.49-359.80m.						
								363.08	363.08	ctc		grad	Alteration contact, gradational over 50 cm.
359.86	363.08	w-m	m-s		w-m		Similar alt to described at 300.66-348.66m.						

Lions Gate Metals

Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			346.98m: 7 cm wide breccia vn. Ang-subang pph qtz mnz clasts, perv chloritized mafics with trace f.g. diss py-f.g. diss cpy-f.g. diss mo.						mo-m.g. to c.g. anh to suh greenish-grey unknown mineral vn. Unknown mineral has metallic lustre and reddish brown streak (altered hem?).
			349.14-349.45m: 1cm thick dark grey shear plane @349.13m. Mod brecciated from 349.31-349.45m.						
			350.49-359.86m: Minor to mod abnt (3-5%) randomly oriented annealed fracs (very weak to weak brecciation?). Gdmass is strongly chloritized and locally mod to very strongly silicified. 0.2-1.4cm wide f.g. to m.g. anh to suh qtz-f.g. to c.g. anh to euh cal-f.g. to m.g. anh py-v.f.g to f.g. mo-f.g. cpy vns with locally drusy and open space filling texts comprise 3% of the interval. Qtz/cal vns commonly have dark grey sooty thin (<<1mm) stringers/rims. Few 3.1-4.2cm wide breccia vns run 15-20 ° tca. Chl alt fsp pph qtz mnz clsts are subrnd to subang and 1.4cm in size. Matrix is predominantly dark grey, chl/clay rich and locally strongly silicified. Strongly silicified portions of breccia vns matrices contain interstitial f.g. to c.g., suh to euh mo-f.g.to m.g. anh to suh sph-f.g. to m.g. py-f.g. to m.g. cpy +/- m.g. euh hem and locld drusy f.g. t m.g. euh cal rimmed clasts. Core is mod to strongly pitted with a few 0.4-1.6cm thick gouge-filled fracs from 359.16-359.86m.						
363.08	414.86	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Moderate Phyllic Alteration	363.08	414.86	5	trace	trace	F.g. to m.g. py, diss, in stockwork and later qtz vns. Py is coarser in later vns, diss>vns. Trace f.g. cpy, v finely diss and in later qtz vns, diss>vns. Trace v.f.g. to f.g. mo v locld in later qtz vns and locld gypsum vns with open space filling text.
			Massive, light to med buff grey with locld pink brown and pale green to light green grey intervals. Mod phyllic alt with weak, locally mod to strong prop alt overprint. 2-6 mm suh to euh, white to v light grey fsp phenos comprise 35-40% of the unit. Phenos are most commonly 3-5mm in size and partially to completely sericite+/-clay+/- cal alt and locally silicified. Phenos are coarser with stronger sericite alt, indistinct where silicified. Gdmass is mod to strongly silicified and v locally peach to v pale pink in color (partial v weak Kfs flooding?). Locld chloritization of gdmass and/or weak sausseritization of fsp phenos where prop alt overprint is stronger. Perv chl/clay alt, v.f.g. to f.g. itsl mafics comprise 3-5% of the unit.	370.12	380.36	5-7	trace		0.3-2.1cm wide vuggy vns comprised of f.g. to m.g. qtz-m.g. to c.g., cream-tan to dark grey black, suh to euh sph-f.g. to c.g., vf.g. to f.g. py-suh to euh galena-f.g.cal-f.g. dol-f.g. to m.g., suh to euh, submet to met unknown mineral. Unknown mineral has a reddish brown streak, tetrahedral habit and locally met green tint (tetra?, alt hem?, argentite?). Open vugs are most commonly lined with qtz-sph-py-galena. Vns comprise 3% of interval and are densly concentrated (35-40%) from 372.00-373.00m. V strong chloritization and silicification of gdmass adjacent to vns. Similar 9 cm
			1-2mm randomly oriented f.g. qtz-f.g. py stockwork vns with 3-5mm med grey f.g. qtz alt halos (phyllic) comprise 5% of the unit. Stkwrk vns are less apparent within intervals of stronger silicification and prop alt but are						

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Hole ID: 11-PC-106			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			still present. 3-5% f.g. to m.g. qtz-f.g. to m.g. py+/-f.g. to m.g. cal+/-v.f.g. to f.g. lead grey to dark grey, met to submet unknown mineral+/-f.g. to m.g. cpy+/-f.g. to v.f.g mo vns cut stockwork. The unknown mineral locally has a met greenish tint. It is most commonly intergrown with py or occurs as v thin (<<1mm), discontinous stringers and rims. The unknown mineral is locally finely diss in mod abundance (3-5%). Intervals with increased abundance of the unknown mineral (diss and in vns) takes on a dirty to sooty appearance. 1-3% frac planes partially to completely coated with sericite+/-clay+/-cal.						wide vn with open space filling text @ 395.27-395.38m. 1cm wide vn with >90% m.g. to c.g., suh to euh galena 50°tca @372.62m.
414.86	450.00	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Potassic Alteration	414.86	450.00	3-5%	trace	trace	F.g.to m.g. py, diss, in stockwork and later qtz/gypsum vns. Diss py>vns. F.g. to m.g. cpy, finely diss and in later qtz/gypsum vns, vns>diss. F.g. to v.f.g. mo, in later qtz/gypsum vns and very locally finely diss, vns>>diss. Sulphides coarser in later qtz/gypsum vns.
	EOH		Massive, light buff grey to light pink grey. Weak pot alt with locld weak phyllic alt overprint. Gdmass is mod to strongly silicified with locld weak peach-pale pink Kfs flooding. Kfs flooding strongest at vn margins. 1-6mm white to light grey, anh-suh fsp phenos comprise 35-40% of the unit. Fsp phenos are dominantly silicified and less apparent, locally completely sericite altered and chalky white. 0.11-1.13m weakly magnetic intervals with sericite alt fsp phenos and 5% f.g. to m.g. secondary bio generates a locld salt and pepper text. F.g. to m.g. secondary bio also locally floods and/or is diss within gdmass of strongly silicified, med to dark grey black portions of the unit. These dark grey black sections are locally weakly to mod magnetic.						
			1-2mm randomly oriented f.g. qtz-f.g. py stockwork vns with 3-5mm f.g. qtz alt halos (phyllic) comprise 3-5% of the unit. 1% later f.g. qtz-f.g. py+/-f.g. to m.g. cal+/- f.g. to m.g. gypsum+/-f.g. cpy+/-v.f.g to f.g. mo vns cut stockwork vns. 1-3% later, f.g. to m.g. gypsum+/-f.g. py+/-f.g. cpy+/-v.f.g. to f.g. mo+/- vf.g. fl vns cut stockwork. Later gypsum vns are most commonly 1-3mm wide, up to 5-7mm. 1-3% frac planes with partial to complete sericite +/-clay coating.						
			417.00-418.00m: Breccia vn with crustiform banding: f.g. to m.g., euh cal+/- f.g. py+/-f.g. to v.f.g mo encrusted walls and clasts, m.g. to c.g. euh gypsum cores. Trace v.f.g. to f.g. mo is locally diss in gdmass proximal to breccia vn. Ang to subang pph qtz mnz clasts. Vn is approx parallel tca.						
			433.18m: 3cm wide f.g. qtz-f.g. to m.g. suh to euh dol-f.g. to m.g. sph-f.g.						

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HOLE ID: 11-PC-106			Geotechnical Data				
From	To	Length	Recovery	%	RQD	%	Comments
24.00	27.00	3.00	1.52	51	0.00	0	overburden to 25.22 m
27.00	30.00	3.00	2.95	98	1.21	40	highly to moderately fractured
30.00	33.00	3.00	2.99	100	1.49	50	
33.00	36.00	3.00	1.81	60	1.56	52	very crushed mid run
36.00	39.00	3.00	2.96	99	1.75	58	
39.00	42.00	3.00	3.03	101	2.18	73	
42.00	45.00	3.00	2.95	98	0.50	17	highly fractured
45.00	48.00	3.00	3.00	100	0.68	23	highly fractured
48.00	51.00	3.00	2.95	98	1.26	42	highly fractured
51.00	54.00	3.00	2.99	100	1.61	54	highly fractured mid to top of run
54.00	57.00	3.00	3.01	100	2.24	75	
57.00	60.00	3.00	3.01	100	2.26	75	
60.00	63.00	3.00	2.97	99	2.68	89	
63.00	66.00	3.00	2.95	98	2.09	70	
66.00	69.00	3.00	3.03	101	2.25	75	
69.00	72.00	3.00	3.05	102	2.03	68	
72.00	75.00	3.00	2.97	99	2.30	77	
75.00	78.00	3.00	3.04	101	2.20	73	
78.00	81.00	3.00	2.96	99	1.54	51	
81.00	84.00	3.00	2.95	98	1.35	45	
84.00	87.00	3.00	3.02	101	1.82	61	
87.00	90.00	3.00	2.96	99	1.58	53	
90.00	93.00	3.00	2.95	98	1.49	50	crushed & rounded core throughout run
93.00	96.00	3.00	2.90	97	1.85	62	crushed & rounded pieces of core
96.00	99.00	3.00	2.96	99	1.49	50	
99.00	102.00	3.00	3.06	102	2.30	77	
102.00	105.00	3.00	2.96	99	1.12	37	
105.00	108.00	3.00	3.04	101	2.16	72	
108.00	111.00	3.00	2.91	97	2.39	80	
111.00	114.00	3.00	3.05	102	2.20	73	
114.00	117.00	3.00	3.02	101	2.11	70	
117.00	120.00	3.00	3.06	102	2.10	70	
120.00	123.00	3.00	3.06	102	1.90	63	
123.00	126.00	3.00	3.03	101	2.53	84	
126.00	129.00	3.00	3.04	101	1.87	62	
129.00	132.00	3.00	3.00	100	1.92	64	
132.00	135.00	3.00	3.01	100	2.42	81	
135.00	138.00	3.00	3.05	102	2.53	84	
138.00	141.00	3.00	3.06	102	2.43	81	
141.00	144.00	3.00	3.00	100	2.47	82	
144.00	147.00	3.00	3.05	102	2.27	76	
147.00	150.00	3.00	2.95	98	1.72	57	
150.00	153.00	3.00	3.00	100	2.33	78	
153.00	156.00	3.00	3.05	102	1.75	58	
156.00	159.00	3.00	3.00	100	2.30	77	
159.00	162.00	3.00	3.01	100	1.86	62	
162.00	165.00	3.00	3.02	101	1.79	60	
165.00	168.00	3.00	3.01	100	1.84	61	
168.00	171.00	3.00	2.98	99	1.69	56	
171.00	174.00	3.00	3.03	101	2.01	67	
174.00	177.00	3.00	3.01	100	2.65	88	
177.00	180.00	3.00	3.00	100	1.47	49	
180.00	183.00	3.00	3.03	101	1.56	52	
183.00	186.00	3.00	3.00	100	1.46	49	
186.00	189.00	3.00	3.00	100	2.42	81	
189.00	192.00	3.00	3.01	100	1.88	63	
192.00	195.00	3.00	3.00	100	1.94	65	

HOLE ID: 11-PC-106			Geotechnical Data				
From	To	Length	Recovery	%	RQD	%	Comments
195.00	198.00	3.00	3.03	101	2.49	83	
198.00	201.00	3.00	3.03	101	2.04	68	
201.00	204.00	3.00	3.02	101	1.94	65	
204.00	207.00	3.00	3.01	100	2.22	74	
207.00	210.00	3.00	3.01	100	2.25	75	
210.00	213.00	3.00	3.02	101	2.17	72	
213.00	216.00	3.00	2.97	99	2.63	88	
216.00	219.00	3.00	3.04	101	2.10	70	
219.00	222.00	3.00	3.02	101	2.15	72	
222.00	225.00	3.00	2.98	99	2.50	83	
225.00	228.00	3.00	3.01	100	2.16	72	
228.00	231.00	3.00	3.00	100	1.07	36	
231.00	234.00	3.00	3.02	101	1.64	55	
234.00	237.00	3.00	3.04	101	0.68	23	
237.00	240.00	3.00	2.99	100	1.76	59	
240.00	243.00	3.00	2.96	99	2.61	87	
243.00	246.00	3.00	3.05	102	1.75	58	
246.00	249.00	3.00	3.02	101	2.35	78	
249.00	252.00	3.00	3.00	100	2.55	85	
252.00	255.00	3.00	2.97	99	1.65	55	
255.00	258.00	3.00	3.04	101	1.96	65	
258.00	261.00	3.00	2.80	93	1.14	38	highly fractured
261.00	264.00	3.00	2.99	100	1.24	41	highly fractured
264.00	267.00	3.00	3.00	100	1.60	53	highly fractured
267.00	270.00	3.00	2.94	98	1.10	37	highly fractured
270.00	273.00	3.00	3.05	102	1.79	60	
273.00	276.00	3.00	3.05	102	1.30	43	
276.00	279.00	3.00	3.05	102	1.38	46	
279.00	282.00	3.00	2.98	99	2.19	73	
282.00	285.00	3.00	2.93	98	0.97	32	highly fractured
285.00	288.00	3.00	3.03	101	2.15	72	
288.00	291.00	3.00	3.05	102	2.40	80	
291.00	294.00	3.00	2.98	99	2.30	77	
294.00	297.00	3.00	2.95	98	1.84	61	
297.00	300.00	3.00	3.03	101	2.25	75	
300.00	303.00	3.00	2.95	98	2.43	81	
303.00	306.00	3.00	3.05	102	2.17	72	
306.00	309.00	3.00	3.05	102	2.38	79	
309.00	312.00	3.00	2.98	99	2.98	99	
312.00	315.00	3.00	2.96	99	2.27	76	
315.00	318.00	3.00	3.05	102	2.77	92	
318.00	321.00	3.00	2.97	99	2.94	98	
321.00	324.00	3.00	2.97	99	2.93	98	
324.00	327.00	3.00	3.02	101	2.96	99	
327.00	330.00	3.00	2.96	99	2.80	93	
330.00	333.00	3.00	3.03	101	2.95	98	
333.00	336.00	3.00	2.98	99	2.98	99	
336.00	339.00	3.00	2.92	97	2.62	87	
339.00	342.00	3.00	3.03	101	2.63	88	
342.00	345.00	3.00	2.87	96	2.44	81	
345.00	348.00	3.00	3.03	101	2.75	92	
348.00	351.00	3.00	2.91	97	2.85	95	
351.00	354.00	3.00	2.92	97	2.70	90	
354.00	357.00	3.00	3.03	101	2.83	94	
357.00	360.00	3.00	2.89	96	2.58	86	
360.00	363.00	3.00	2.93	98	2.85	95	
363.00	366.00	3.00	2.95	98	2.86	95	
366.00	369.00	3.00	3.07	102	2.82	94	
369.00	372.00	3.00	2.92	97	2.83	94	

HOLE ID: 11-PC-106		Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Comments
372.00	375.00	3.00	3.00	100	2.51	84	
375.00	378.00	3.00	2.96	99	2.48	83	
378.00	381.00	3.00	2.96	99	2.29	76	
381.00	384.00	3.00	2.90	97	2.70	90	
384.00	387.00	3.00	2.98	99	2.98	99	
387.00	390.00	3.00	3.02	101	3.02	101	
390.00	393.00	3.00	3.03	101	2.94	98	
393.00	396.00	3.00	2.94	98	2.79	93	
396.00	399.00	3.00	2.86	95	2.57	86	14 cm core loss at 397.91 m
399.00	402.00	3.00	2.96	99	2.96	99	
402.00	405.00	3.00	2.93	98	2.58	86	
405.00	408.00	3.00	2.96	99	2.54	85	
408.00	411.00	3.00	2.96	99	2.28	76	
411.00	414.00	3.00	2.98	99	2.28	76	
414.00	417.00	3.00	2.89	96	2.56	85	
417.00	420.00	3.00	2.97	99	2.57	86	
420.00	423.00	3.00	2.94	98	2.34	78	
423.00	426.00	3.00	3.06	102	2.94	98	
426.00	429.00	3.00	3.02	101	2.78	93	
429.00	432.00	3.00	2.98	99	2.48	83	
432.00	435.00	3.00	3.02	101	2.58	86	
435.00	438.00	3.00	3.01	100	2.47	82	
438.00	441.00	3.00	2.99	100	2.36	79	
441.00	444.00	3.00	2.97	99	1.86	62	
444.00	447.00	3.00	3.04	101	2.64	88	
447.00	450.00	3.00	3.02	101	2.08	69	EOH

Hole ID: 11-PC-106		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124650	25.45	28.45	3.00		1-2
124651	28.45	31.45	3.00		2
124652	31.45	34.45	3.00		2-3
124653	34.45	37.45	3.00		3-4
124654				Blank	
124655	37.45	40.45	3.00		4
124656	40.45	43.45	3.00		4-5
124657	43.45	46.45	3.00		6-7
124658	46.45	49.45	3.00		6
124659	49.45	52.45	3.00		6-7
124660	49.45	52.45	3.00	Duplicate	6-7
124661	52.45	55.45	3.00		7-8
124662	55.45	58.45	3.00		8-9
124663	58.45	61.45	3.00		9
124664	61.45	64.45	3.00		9-10
124665				Std CND-FCM-7	
124666	64.45	67.45	3.00		10-11
124667	67.45	70.45	3.00		11
124668	70.45	73.45	3.00		11-12
124669	73.45	76.45	3.00		12-13
124670				Blank	
124671	76.45	79.45	3.00		13
124672	79.45	82.45	3.00		14
124673	79.45	82.45	3.00	Duplicate	`14
124674	82.45	85.45	3.00		14-15
124675	85.45	88.45	3.00		`15-16
124676	88.45	91.45	3.00		16
124677	91.45	94.45	3.00		16-17
124678	94.45	97.45	3.00		17-18
124679	97.45	100.45	3.00		18
124680	100.45	103.45	3.00		18-19
124681	103.45	105.57	2.12		`19-20
124682	105.57	108.26	2.69		20
124683	108.26	111.26	3.00		20-21
124684	111.26	114.26	3.00		21
124685	114.26	117.26	3.00		21-22
124686				Std CDN-CGS-27	
124687	117.26	120.26	3.00		22-23
124688	120.26	123.26	3.00		23-24
124689	123.26	126.26	3.00		24
124690	126.26	129.26	3.00		24-25
124691	129.26	132.36	3.10		25-26
124692				Blank	
124693	132.36	135.36	3.00		26
124694	135.36	138.36	3.00		26-27
124695	135.36	138.36	3.00		26-27
124696	138.36	141.36	3.00		27-28
124697	141.36	141.90	0.54		28
124698	141.90	144.90	3.00		28
124699	144.90	147.90	3.00		28-29
124700	147.90	150.90	3.00		29-30
124701	150.90	151.90	1.00		30
124702	151.90	154.90	3.00		30-31
124703	154.90	157.90	3.00		31
124704				Std CDN-CM-8	
124705	157.90	160.90	3.00		31-32
124706	160.90	163.90	3.00		32-33
124707	163.90	167.34	3.44		33-34

Hole ID: 11-PC-106		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124708	167.34	169.07	1.73		34
124709				Blank	
124710	169.07	172.07	3.00		34-35
124711	172.07	175.07	3.00		35
124712	175.07	178.07	3.00		35-36
124713	178.07	179.96	1.89		36
124714	179.96	183.06	3.10		36-37
124715	183.06	186.06	3.00		37-38
124716	186.06	189.06	3.00		38
124717	186.06	189.06	3.00	Duplicate	38
124718	189.06	192.06	3.00		38-39
124719	192.06	195.06	3.00		39-40
124720	195.06	198.06	3.00		40
124721	198.06	201.06	3.00		40-41
124722	201.06	204.06	3.00		41-42
124723	204.06	207.06	3.00		42
124724	207.06	210.06	3.00		42-43
124725				Std CDN-CGS-27	
124726	210.06	211.03	0.97		43
124727	211.03	214.03	3.00		43-44
124728	214.03	217.03	3.00		44-45
124729	217.03	220.03	3.00		45
124730				Blank	
124731	220.03	223.03	3.00		45-46
124732	223.03	224.47	1.44		46
124733	224.47	227.47	3.00		46-47
124734	227.47	230.47	3.00		47-48
124735	227.47	230.47	3.00	Duplicate	47-48
124736	230.47	233.47	3.00		48
124737	233.47	236.47	3.00		48-49
124738	236.47	239.20	2.73		49-50
124739	239.20	242.20	3.00		50-51
124740	242.20	243.31	1.11		51
124741	243.31	246.31	3.00		51-52
124742	246.31	249.31	3.00		52
124743	249.31	250.83	1.52		52-53
124744	250.83	253.83	3.00		53
124745	253.83	256.83	3.00		53-54
124746	256.83	259.83	3.00		54-55
124747	259.83	262.83	3.00		55
124748				CDN-MoS-1	
124749	262.83	264.74	1.91		55-56
124750	264.74	267.74	3.00		56-57
124751	267.74	270.74	3.00		57
124752	270.74	273.74	3.00		57-58
124753	273.74	276.74	3.00		58-59
124754				Blank	
124755	276.74	279.74	3.00		59
124756	279.74	282.74	3.00		59-60
124757	282.74	285.74	3.00		60-61
124758	282.74	285.74	3.00		60-61
124759	285.74	287.80	2.06		61
124760	287.80	290.80	3.00		61-62
124761	290.80	293.80	3.00		62-63
124762	293.80	296.80	3.00		63
124763	296.80	299.80	3.00		63-64
124764				Std CDN-CGS-27	
124765	299.80	300.66	0.86		64

Hole ID: 11-PC-106		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124766	300.66	303.66	3.00		64-65
124767	303.66	306.66	3.00		65
124768	306.66	309.66	3.00		65-66
124769				Blank	
124770	309.66	312.66	3.00		66-67
124771	312.66	315.66	3.00		67
124772	315.66	318.66	3.00		67-68
124773	318.66	321.66	3.00		68-69
124774	318.66	321.66	3.00	Duplicate	68-69
124775	321.66	324.66	3.00		69
124776	324.66	327.66	3.00		69-70
124777	327.66	330.66	3.00		70-71
124778	330.66	333.66	3.00		71
124779	333.66	336.66	3.00		71-72
124780	336.66	339.66	3.00		72-73
124781	339.66	342.66	3.00		73
124782	342.66	345.66	3.00		73-74
124783	345.66	348.66	3.00		74-75
124784	348.66	351.66	3.00		75
124785				Std CDN-CGS-27	
124786	351.66	354.66	3.00		75-76
124787	354.66	357.66	3.00		76-77
124788	357.66	360.66	3.00		77
124789	360.66	363.08	2.42		77-78
124790				Blank	
124791	363.08	366.08	3.00		78-79
124792	366.08	369.08	3.00		79
124793	369.08	372.08	3.00		79-80
124794	372.08	375.08	3.00		80-81
124795	372.08	375.08	3.00	Duplicate	80-81
124796	375.08	378.08	3.00		81
124797	378.08	381.08	3.00		81-82
124798	381.08	384.08	3.00		82-83
124799	384.08	387.08	3.00		83
124800	387.08	390.08	3.00		83-84
124801	390.08	393.08	3.00		84-85
124802	393.08	396.08	3.00		85-86
124803	396.08	399.08	3.00		86
124804	399.08	402.08	3.00		86-87
124805	402.08	405.08	3.00		87-88
124806	405.08	408.08	3.00		88
124807				CDN-CGS-27	
124808	408.08	411.08	3.00		88-89
124809	411.08	414.08	3.00		89-90
124810	414.86	417.86	3.00		90
124811				Blank	
124812	417.86	420.86	3.00		90-91
124813	420.86	423.86	3.00		91-92
124814	423.86	426.86	3.00		92
124815	426.86	429.86	3.00		92-93
124816	426.86	429.86	3.00	Duplicate	92-93
124817	429.86	432.86	3.00		93-94
124818	432.86	435.86	3.00		94
124819	435.86	438.86	3.00		94-95
124820	438.86	441.86	3.00		95-96
124821	441.86	444.86	3.00		96
124822	444.86	447.86	3.00		96-97
124823	447.86	450.00	2.14	EOH	97

2011 Poplar Drilling

Hole ID: 11-PC-107	Easting (NAD 83): 631556	Core Size: NQ	DDH Started: Oct 2 2011
	Northing (NAD 83): 5986987	Hole Azimuth: 270	DDH Finished: Oct 4 2011
Property: Poplar Deposit	Elevation: 906m	Hole Angle: -65	Log Completed: Oct 10 2011
	Source: GPS	Total Depth: 200.25m	Analysis by: ACME

Logged by: A Ross
Geotechnician: A Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	270.0	-65.0
99.67	275.4	-64.6
200.25	282.1	-63.0

Summary:	11-PC-107 (PDH-EE) was designed to test north of 11-PC-86 and 11-PC-87 as well as test the NW 0.1% Cu grade shell. The hole was mineralized from surface and appears to decrease gradationally starting around 100m depth. The drillhole collars in feldspar porphyritic quartz monzanite at 12.19m where trace diss cpy is observed. A massive brown volcanic interval is present from 25.42 to 31.07m where only py is observed within a moderate to strong qtz stockwork. The remiander of the hole is feldspar porphyritic quartz monzanite with weak to locally moderate potassic alteration with late weak to moderate overprinting propylitic alt. Cpy mineralization appears to increase from 50-100m where there is up to 1% cpy, dominantly <1% over the interval. There is significant deviation in this hole from 270 to 282.1 degrees and the hole shallowed from -65 to -63 over the 200.25m.
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Lions Gate Metals

Hole ID: 11-PC-107			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0	12.19	OVB							
12.19	25.42	qtz mnz	Medium Grey-Green Fld Porphyritic Quartz Monzanite	12.19	25.42	2-3	tr		Py is diss throughout the rock, preferentially
									at chlorite alt sites, locally py forms weak
			Medium gry-grn fld pph qtz mnz, fld phenos are 1-3mm, locally appear						stockwork and is also observed within late
			indistinct where rock is weakly silicified, commonly weakly clay-						qtz-dol qtz-calcite veins. Trace cpy is associated
			sericite alt, subhedral, making up 20-30% of the rock. The unit is						with py very finely diss throughout the rock,
			weakly silicified with a late propylitic overprint where chlorite						most commonly proximal to late vns.
			replaces mafics and forms 5-10mm alt halos around py stockwork.						
			Select fld phenos have been weakly sausseritized. Local bt flooding?						
			where rock is dark brn-black. Calcite forms coatings on fractures						
			along with clay-sericite. Py is diss throughout the rock, preferentially						
			at chlorite alt sites. Locally py forms weak stockwork						
			and is also within late qtz-dol veins. Trace cpy is associated with py						
			very finely diss throughout the rock. Late veins make up 2-3% of the						
			unit, commonly made up of qtz-dol.						
25.42	31.07	volc	Brown Massive Very Fine Grained Volcanic	25.42	31.07	2		tr	Py is dominantly within stockwork which makes
									up 10% of the unit. Local trace mo finely diss on
			Dark brn massive very fine grained volcanic. Stockwork makes up 10%						fractures.
			of the unit and is randomly oriented. Stockwork is qtz-py and locally						
			clay alt, local 4-8mm chlorite halos associated to stockwork. Rock						
			is very broken over the unit. Py is observed exclusively within the						
			stockwork, local tr mo observed on fractures. Fractures commonly						
			have weak clay coatings.						
31.07	200.25	qtz mnz	Medium Grey-Pink Fld Porphyritic Quartz Monzanite	31.07	53.23	2-3	<1	tr	Py and cpy are diss throughout the rock,
	EOH								preferentially proximal or within late qtz veins.
			Medium gry-pink fld pph qtz mnz, flds are 2-3mm subhedral, make up						Very finely diss mo is also associated with late
			20-30% of the unit. Fld phenos clay-sericite alt, alt is stronger in the						vns. Diss py is observed to be coarser grained
			upper 20m of the unit, local sausseritization of fld phenos where						than cpy which is coarser than mo.
			potassic alt is very weak to absent. Most of the unit appears						Py disseminations are generally <1 up to 2mm.
			to be weakly potassically alt with weak to moderate late propylitic						Local steel gry mineral on fractures, harder
			alt. Potassic alt appears absent or very weak within the upper 20m						than mo.
			of the unit. Late propylitic alt appears as chlorite alt of mafics locally	53.23	100.53	2-3	1	<1	Diss py>cpy throughout the rock <1-1mm up to
			imparting a grn spotted appearance, chlorite also forms 3-6mm halos						2mm, preferentially at chlorite alt mafic sites
			around stwk and late vns. Propylitic is more distinct from						and within late qtz vns. Through very broken

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
12.19	25.42	w	vw	vw	w		Rock is weakly silicified with a late propylitic overprint where mafics are replaced by chlorite and locally chlorite forms 5-10mm alteration halos around weak py stockwork. Fld phenos are most commonly weakly clay-sericite alt and locally weakly sausseritized. Calcite forms weak coatings on fractures along with clay-sericite. Late veins are qtz-dol and qtz-calcite.	12.19	25.42	vns	25-35	2-3%	Late veins make up 2-3% of the unit, commonly qtz-dol or qtz-calcite. Locally 5-10% associated py within vns.
								20.42	20.54	shr		weak	Rock is sheared and broken but held in place by gouge.
								20.90	20.91	flt	25		Weak fault with 1cm gouge, fe stained.
								21.00	21.02	flt	35		Weak fault with 2cm gouge.
								25.41	25.42	cnt	25		Lower contact with underlying volc, appears somewhat gradational although I belive this appearance is due to alteration.
25.42	31.07	w					Fractures commonly have weak clay coatings as well as local stockwork is weakly clay alt. Rock is very broken over the unit. Local 4-8mm chorite alt halos around the stockwork.	25.42	31.07	stwk		10%	Randomly oriented stockwork makes up 10% of the unit. Qtz-py with local clay alteration, local chlorite halos form around stockwork. Veinlets making up stockwork are 1-3mm in width.
								31.06	31.07	cnt			Gradational lower contact, perhaps obscured by alteration? Finer grained fld phenos closer to the contact within the underlying fld pph qtz mnz.
31.07	53.23	w	w		vw		Creamy white-gry with grn chlorite alt mafic sites and weak 3-6mm halos enveloping stwk and vns. Alt mafics are 1-2mm and make up 10% of the unit. Local silicification, proximal to late qtz vns, also calcite and qtz-calcite veins.	31.07	100.53	vn	10-15	3-5%	Late veins make up 3-5% of the unit. Dominantly qtz, qtz-dol, qtz-calcite, calcite and qtz-dol-gypsum towards the lower portion of the interval. Late qtz vns commonly have 5-10% associated py+/-cpy-mo and locally sphalerite.
								31.07	200.25	stwk		1-3%	Stockwork is more evident where potassic alt and silicification is very weak to absent. Veinlets making up stwkare qtz+/-py, 1mm up to 3mm wide and have 3-6mm chlorite alt halos, appear randomly oriented. Stockwork in the lower portion of the unit is clay-sericite alt, 1-2mm wide veinlets
53.23	100.53	vw	vw		w-m	w	Potassic alt is wk-moderately over the interval, pervasive through the matrix imparting a pink color. Late weak propylitic alt, mafics are chlorite alt and chlorite forms 3-6mm halos around select stwk						

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-107		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
12.19	14.33	2.14	1.64	77	0.30	14		crushed rock at lower end of run
14.33	17.37	3.04	2.52	83	0.50	16		highly fractured rock & core loss
17.37	20.42	3.05	2.56	84	0.54	18		highly fractured rock & core loss
20.42	23.47	3.05	3.08	101	1.44	47		
23.47	26.52	3.05	3.00	98	1.94	64		
26.52	29.57	3.05	3.02	99	0.45	15		highly fractured/crushed core thr
29.57	32.61	3.04	2.97	98	1.48	49		
32.61	35.66	3.05	3.10	102	2.07	68		
35.66	38.71	3.05	3.03	99	1.79	59		
38.71	41.76	3.05	3.04	100	2.15	70		
41.76	44.81	3.05	3.05	100	2.03	67		
44.81	47.85	3.04	3.04	100	1.95	64		
47.85	50.90	3.05	2.99	98	1.52	50		
50.90	53.95	3.05	3.00	98	0.42	14		highly fractured @ lower run
53.95	57.00	3.05	3.02	99	0.00	0		crushed core throughout
57.00	60.05	3.05	3.05	100	0.35	11		crushed core throughout
60.05	63.09	3.04	3.04	100	0.00	0		crushed core throughout
63.09	66.14	3.05	3.09	101	0.00	0		crushed core throughout
66.14	69.19	3.05	3.07	101	0.00	0		crushed core throughout
69.19	72.24	3.05	3.11	102	0.00	0		crushed core throughout
72.24	75.29	3.05	3.06	100	1.09	36		
75.29	78.33	3.04	3.04	100	0.84	28		highly fractured core
78.33	81.38	3.05	3.13	103	0.00	0		crushed core throughout
81.38	84.43	3.05	3.06	100	0.00	0		crushed core throughout
84.43	87.48	3.05	3.01	99	0.00	0		crushed core throughout
87.48	90.53	3.05	3.06	100	0.70	23		crushed core top to mid run
90.53	93.57	3.04	3.06	101	2.74	90		
93.57	96.62	3.05	3.06	100	3.06	100		
96.62	99.67	3.05	3.07	101	2.88	94		
99.67	102.72	3.05	3.02	99	2.78	91		
102.72	105.77	3.05	3.03	99	2.65	87		
105.77	108.81	3.04	3.01	99	2.82	93		
108.81	111.86	3.05	3.09	101	2.75	90		
111.86	114.91	3.05	3.05	100	2.83	93		
114.91	117.96	3.05	3.02	99	2.84	93		
117.96	121.01	3.05	3.01	99	1.60	52		
121.01	124.05	3.04	3.08	101	2.49	82		
124.05	127.10	3.05	3.07	101	2.46	81		
127.10	130.15	3.05	3.02	99	2.42	79		
130.15	133.20	3.05	3.03	99	1.70	56		
133.20	136.25	3.05	3.01	99	2.17	71		
136.25	139.29	3.04	3.03	100	2.87	94		
139.29	142.34	3.05	3.00	98	2.66	87		
142.34	145.39	3.05	3.09	101	2.99	98		
145.39	148.44	3.05	3.05	100	2.76	90		
148.44	151.49	3.05	2.90	95	2.63	86		
151.49	154.53	3.04	3.07	101	3.07	101		
154.53	157.58	3.05	3.05	100	2.79	91		
157.58	160.63	3.05	3.02	99	2.89	95		
160.63	163.68	3.05	3.03	99	2.83	93		
163.68	166.73	3.05	3.03	99	2.80	92		
166.73	169.77	3.04	2.96	97	2.50	82		
169.77	172.82	3.05	3.07	101	2.97	97		
172.82	175.87	3.05	3.06	100	2.81	92		
175.87	178.92	3.05	3.10	102	2.59	85		
178.92	181.97	3.05	3.07	101	2.67	88		
181.97	185.01	3.04	3.01	99	2.77	91		
185.01	188.06	3.05	3.04	100	2.71	89		
188.06	191.11	3.05	3.10	102	2.68	88		

Hole ID: 11-PC-107		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
191.11	194.16	3.05	3.03	99	2.03	67		
194.16	197.21	3.05	3.05	100	1.90	62		
197.21	200.25	3.04	3.09	102	1.27	42		EOH

Hole ID: 11-PC-107		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046512	12.19	15.19	3.00		1
1046513	15.19	18.19	3.00		1-2
1046514	18.19	21.19	3.00		2
1046515	18.19	21.19	3.00	Duplicate	2
1046516	21.19	24.19	3.00		2-3
1046517	24.19	25.42	1.23		3
1046518	25.42	28.42	3.00		3-4
1046519				Blank	
1046520	28.42	31.07	2.65		4-5
1046521	31.07	34.07	3.00		5
1046522	34.07	37.07	3.00		5-6
1046523	37.07	40.07	3.00		6-7
1046524	40.07	43.07	3.00		7
1046525	40.07	43.07	3.00	Duplicate	7
1046526	43.07	46.07	3.00		7-8
1046527	46.07	49.07	3.00		8-9
1046528				Blank	
1046529	49.07	52.07	3.00		9
1046530	52.07	55.07	3.00		9-10
1046531	55.07	58.07	3.00		10-11
1046532	58.07	61.07	3.00		11-12
1046533	61.07	64.07	3.00		12
1046534				Std CM-11A	
1046535	64.07	67.07	3.00		12-13
1046536	67.07	70.07	3.00		13-14
1046537	70.07	73.07	3.00		14-15
1046538	73.07	76.07	3.00		15-16
1046539	76.07	79.07	3.00		16
1046540	79.07	82.07	3.00		16-17
1046541	82.07	85.07	3.00		17-18
1046542	85.07	88.07	3.00		18-19
1046543	88.07	91.07	3.00		19-20
1046544	91.07	94.07	3.00		20
1046545	91.07	94.07	3.00	Duplicate	20
1046546	94.07	97.07	3.00		20-21
1046547	97.07	100.07	3.00		21-22
1046548	100.07	103.07	3.00		22
1046549				Blank	
1046550	103.07	106.07	3.00		22-23
1046551	106.07	109.07	3.00		23-24
1046552	109.07	112.07	3.00		24
1046553	112.07	115.07	3.00		24-25
1046554				Std CGS-27	
1046555	115.07	118.07	3.00		25-26
1046556	118.07	121.07	3.00		26-27
1046557	121.07	124.07	3.00		27
1046558	124.07	127.07	3.00		27-28
1046559	127.07	130.07	3.00		28
1046560	130.07	133.07	3.00		28-29
1046561	133.07	136.07	3.00		29-30
1046562	136.07	139.07	3.00		30-31
1046563	139.07	142.07	3.00		31
1046564	139.07	142.07	3.00	Duplicate	31
1046565	142.07	145.07	3.00		31-32
1046566	145.07	148.07	3.00		32-33
1046567	148.07	151.07	3.00		33
1046568	151.07	154.07	3.00		33-34
1046569	154.07	157.07	3.00		34-35

Hole ID: 11-PC-107		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046570	157.07	160.07	3.00		35
1046571				Blank	
1046572	160.07	163.07	3.00		35-36
1046573	163.07	166.07	3.00		36-37
1046574	166.07	169.07	3.00		37
1046575	169.07	172.07	3.00		37-38
1046576	172.07	175.07	3.00		38-39
1046577				Std CGS-27	
1046578	175.07	178.07	3.00		39
1046579	178.07	181.07	3.00		39-40
1046580	181.07	184.07	3.00		40-41
1046581	184.07	187.07	3.00		41
1046582	187.07	190.07	3.00		41-42
1046583	190.07	193.07	3.00		42-43
1046584	193.07	196.07	3.00		43
1046585	196.07	199.07	3.00		43-44
1046586				Blank	
1046587	199.07	200.25	1.18		44
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-108	Easting (NAD 83): 631749	Core Size: HQ & NQ	DDH Started: October 4 2011
	Northing (NAD 83): 5987223	Hole Azimuth: 180	DDH Finished: October 14 2011
Property: Poplar Deposit	Elevation: 886m	Hole Angle: -65	Log Completed:
	Source: GPS	Total Depth: 602.74m	Analysis by: ACME

Logged by: A.Gourlay
Geotechnician:
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-65.0
102.72	181.1	-64.9
200.25	183.1	-65.0
300.84	182.1	-64.8
407.52	181.6	-65.0
502.13	181.5	-65.1
602.74	184.9	-65.0

Summary: 11-PC-108 (PDH-GG2) was designed to test the northern 0.1% Cu grade shell as well as test under a few shallow historic holes. The hole was also planned to enter the 0.4% Cu grade shell at depth and test a high grade intersect that was observed in the bottom of 11-PC-84. 11-PC-108 was almost entirely Feldspar Porphyritic Quartz Monzanite uncommonly cut by a later nonmineralized version of the qtz mnz. The hole demonstrates variable alteration most commonly potassicly altered especially at depth where potassic alteration becomes strong. Mineralization is present throughout the qtz monzanite although cpy mineralization really starts to increase around 350m depth and continues to the bottom of the hole.

Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
21.50	63.76	vw	vw		w	vw	Rock is weakly silicified and not easily scratched. Very weak to weak potassic alt gives the unit a light pink-buff color. Fld phenos are dominantly silicified and locally weakly clay-sericite alt. Late veins and stockwork have 5-10mm envelopes of qtz. Select fractures have weak clay coatings and very locally caclite-dol.	21.50		vns	10-20	2-3%	Late qtz veins make up 2-3% of the unit, commonly coarser grained with sub-euhedral py within the veins. Rock is very broken and only select veins were measured, generally appear low tca.
								21.50		stwk		2%	Randomly oriented stockwork qtz-py, local qtz halos and some darker gry easily scratched halos also.
63.76	179.70	w	w		vw	?	Rock is easily scratched here and fld pheno are commonly clay-seriicte alt and locally "washed" from the rock giving a pitted appearance. Fld phenos appear finer grained here 1-2mm. Clay-sericite coatings are common on fractures along with py. Weak stockwork has 3-10mm halos that are easily scratched and appear dark gry in color.	63.71	63.92	dyke	30-40		7.5cm of green andesite? massive and aphanitic, no sulphides within the andesite. Breccia dyke above and below the andesite. Black with subang clasts 2-5mm in size, dominantly qtz mnz. 3-5% py diss through matrix, locally diss py replaces clasts. Finely diss cpy-mo are observed at dyke margins. Strong silicification at lower contact.
								21.50	63.00	frc		mod-str	Rock is very broken, very low RQD.
								23.72	24.25	flt			This interval is very broken with brown clay gouge, Appears fe stained due to the proximity of the ovb
													Qz vns white and grey, grey vns with Py core- rare
					w		slight increase in slicification from ~150m,						1 -2 % white Ca vnlts, random otirntation, <2mm, rare grey Ca vnlts assoc Qz vnlts
181.60		w	w		m								
								131.00	136.00	vnlts	45	wk	weak Qz vnlst sheeting
215.00	250.00				m-s		inc slicification at ~215m, most PPX textures destroyed, but some (<5%) Fs phenos still visible core difficult to scatch	179.70	181.60	fault	40	strong	shear zone, upper ctc wispy vfg Py <<1mm, over 3cm, lower ctc 4cm black vfg Py
233.70	238.70				vs		all textures destroyed	200.25			20		10cm QV, well terminated Qz xtal, Ca infill with coarse Py
250.00		w	w		wk		at ~ 250, silicification decreases to weak						

Lions Gate Metals

Hole ID: 11-PC-108			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
				251.05	251.25	<1			assoc qz vn doundaries, and core of Qz vnls
			from ~ 300m increasing but variable Qz Ztwk, randon orientation	~300		3-5	<1	tr	Py as before, increasing Cp, commonly assoc
			of Qz Vnlts, >1mm, varaible silicification						Qz vlts, and Vn coatings and centres of veins
									slight increase in Mo
353.25	369.75	QFDK	Sharp but irregular ctc with Qz Fs Dyke, massive, light to dark grey						
			aphanitic groundmass, <5% rounded Qz phenos, 1-3mm size, <5%						
			subherdal to anhedral Fs Phenos, clay altered, groundmass						
			is wk to mod silicified						
369.75	602.59	qtz mnz	Medium Grey Fld Porphyritic Quartz Monzonite	369.75		3-5	1	<1	Py is diss throughout the rock also observed
									as sub-euhedral crystals within late qtz veins.
			Light to medium grey fld pph qtz mnz, fld phenos are 2-3mm,						Py also forms weak-mod coatings on fractures
			subhedral, making up 20-25% of the unit. Phenos are commonly						Increased Cp and Mo, assoc late QV.
			weakly silicified and locally weakly clay-sericite alt.						
			Fld phenos are commonly silicified and locally weakly clay-sericte alt.						
			Very weak calcite coatings on select fractures, local v weak to weak	401.10	401.35				turned core
			clay coatings as well.						
			Late qtz veins make up 2-3% of the unit, commonly 2-3mm						
			sub-euhedral py crystals form with the veins. Local weak stockwork						
			qtz-py makes up 1%.						
386.80	387.15		irregular fragment of QFDK						
				421.50		3-4	1		Py blebs in QV, Cp on vn margins
			QZMT continues, from ~400m colour varies from white/pale grey to						
			dark grey. PPX texture destroyed as gery colour deepens; alt'n ?	428.15			1-2	<1	assoc Qz/Dolomite vn

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Series	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
251.05	251.25					wk	irregular K alt boundaries	251.05	251.25		40		15cm Qz Vn zone with weak K alt, irregualr Q vnltls up to 8mm
								292.30	296.90				Fault Zone
											35		upper ctc sharp, marked by 3-4mm of black vfg Py
													lower ctc irregular
								335.85	335.50		30		3cm py + Qz vein
								345.50	345.60		20		8cm Qz>py Vn, open space filling, druze lined
													open space filling
								351.80	352.30		20		10cm Qz.py vein, internal fragment of Fs PPX
													QZMT
					w-m			353.25			60		sharp upper ctc
								353.25	369.75	qvnltls			<5% qz vnltls, random orientation
								369.75			30		sharp lower ctc
													wexk shearing of QZMT to 370.5, parallel to ctc
369.75		w			w		Weakly silicified and easily scratched						
							Weak propylitic alt'n	369.75					Randomly oriented Qz vnltls, varies from 1-5% of rock
								379.95			40		1.5cm grey QV, 10% msz Py, tr Cp
					m-s	w-m	From ~400m, mod to stron sil'n, variable	385.30			20		4 cm grey QV, 2-3% py, <1% Cp
							K-alt varies, but increases with depth						
								403.55			30		4.5 cm late white QV,msz honey coloured Sp, black
							K alt and sil'n continues at 500m						Ga, tr Mo
								420.00	420.10		?		Fault Zone/gouge
							K alt often "bands" of pink colour, up to 10						
							cm, wide, random orientation. Cp often	421.50			45		6cm QV, blebs of Py to 4cm, Cp on vn margins
							assoc K alt "bands"						
								428.15			20		8cm Qz dolomite vein

Lions Gate Metals

Hole ID: 11-PC-108			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
			From about 450m sections of K alt and clay alt, over ~5m intervals, alternate down hole. Consistent 1% dsm Cp throughout							
			Qz veining decreases with depth, by ~500m <1% Qz vnltls, random orientation							
602.59			EOH							

Lions Gate Metals

[illegible]

Hole ID: 11-PC-108		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
21.34	23.47	2.13	2.20	103	0.26	12		highly fractured
23.47	26.52	3.05	3.05	100	0.11	4		
26.52	29.57	3.05	3.05	100	0.00	0		highly fractured
29.57	32.61	3.04	3.05	100	0.22	7		highly fractured
32.61	35.66	3.05	3.05	100	0.33	11		highly fractured
35.66	38.71	3.05	3.05	100	0.22	7		highly fractured
38.71	41.76	3.05	3.05	100	0.22	7		highly fractured
41.76	44.81	3.05	2.60	85	0.00	0		highly fractured
44.81	47.85	3.04	3.05	100	0.00	0		highly fractured
47.85	50.90	3.05	3.05	100	0.00	0		highly fractured
50.90	53.95	3.05	3.05	100	0.00	0		highly fractured
53.95	57.00	3.05	3.05	100	0.11	4		
57.00	60.05	3.05	3.05	100	0.56	18		
60.05	63.09	3.04	3.05	100	0.20	7		
63.09	66.14	3.05	3.05	100	0.28	9		
66.14	69.19	3.05	3.05	100	1.28	42		
69.19	72.24	3.05	3.05	100	0.92	30		
72.24	75.29	3.05	3.05	100	0.11	4		highly fractured
75.29	78.33	3.04	2.92	96	1.42	47		
78.33	81.38	3.05	3.05	100	1.50	49		
81.38	84.43	3.05	3.00	98	1.85	61		
84.43	87.48	3.05	2.92	96	1.83	60		
87.48	90.53	3.05	2.93	96	1.82	60		
90.53	93.57	3.04	3.04	100	2.62	86		
93.57	96.62	3.05	3.05	100	2.86	94		
96.62	99.67	3.05	3.06	100	2.34	77		
99.67	102.72	3.05	3.05	100	2.60	85		
102.72	105.77	3.05	3.04	100	2.55	84		
105.77	108.81	3.04	3.00	99	2.66	87		
108.81	111.86	3.05	3.00	98	2.44	80		
111.86	114.91	3.05	3.06	100	2.61	86		
114.91	117.96	3.05	3.03	99	2.54	83		
117.96	121.01	3.05	3.00	98	2.27	74		
121.01	124.05	3.04	3.04	100	2.33	77		
124.05	127.10	3.05	3.03	99	2.56	84		
127.10	130.15	3.05	3.05	100	2.66	87		
130.15	133.20	3.05	3.06	100	2.62	86		
133.20	136.25	3.05	3.00	98	2.67	88		
136.25	139.29	3.04	3.04	100	2.74	90		
139.29	142.34	3.05	3.06	100	2.51	82		
142.34	145.39	3.05	3.01	99	2.39	78		
145.39	148.44	3.05	3.05	100	2.87	94		
148.44	151.49	3.05	3.01	99	2.03	67		
151.49	154.53	3.04	3.03	100	2.06	68		
154.53	157.58	3.05	3.05	100	2.77	91		
157.58	160.63	3.05	3.06	100	2.19	72		
160.63	163.68	3.05	3.03	99	2.35	77		
163.68	166.73	3.05	3.00	98	2.29	75		
166.73	169.77	3.04	3.06	101	2.65	87		
169.77	172.82	3.05	3.06	100	2.29	75		
172.82	175.87	3.05	3.02	99	2.30	75		
175.87	178.92	3.05	3.05	100	1.66	54		
178.92	181.97	3.05	3.04	100	2.03	67		
181.97	185.01	3.04	3.03	100	2.49	82		
185.01	188.06	3.05	3.08	101	2.37	78		
188.06	191.11	3.05	3.00	98	2.62	86		
191.11	194.16	3.05	2.12	70	1.98	65		
194.16	197.21	3.05	3.00	98	2.86	94		
197.21	200.25	3.04	3.10	102	2.42	80		

Hole ID: 11-PC-108		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
200.25	203.30	3.05	3.05	100	2.78	91		
203.30	206.35	3.05	2.90	95	2.70	89		
206.35	209.40	3.05	2.94	96	2.75	90		
209.40	212.45	3.05	2.95	97	2.61	86		
212.45	215.50	3.05	2.78	91	1.63	53		
215.50	218.54	3.04	3.05	100	2.97	98		
218.54	221.59	3.05	2.85	93	2.42	79		
221.59	224.64	3.05	3.05	100	3.05	100		
224.64	227.69	3.05	3.10	102	3.10	102		
227.69	230.74	3.05	3.00	98	3.00	98		
230.74	233.78	3.04	2.99	98	2.95	97		
233.78	236.83	3.05	3.13	103	3.13	103		
236.83	239.88	3.05	3.04	100	2.99	98		
239.88	242.93	3.05	3.02	99	2.93	96		
242.93	245.97	3.04	3.08	101	3.04	100		
245.97	249.02	3.05	3.07	101	3.01	99		
249.02	252.07	3.05	3.00	98	2.89	95		
252.07	255.12	3.05	2.96	97	2.48	81		
255.12	258.17	3.05	3.02	99	2.95	97		
258.17	261.21	3.04	3.03	100	2.77	91		
261.21	264.26	3.05	3.02	99	2.53	83		
264.26	267.31	3.05	2.98	98	2.65	87		
267.31	270.36	3.05	2.70	89	1.77	58		
270.36	273.41	3.05	2.89	95	2.46	81		
273.41	276.45	3.04	3.05	100	2.64	87		
276.45	279.50	3.05	3.05	100	2.75	90		
279.50	282.55	3.05	2.86	94	2.00	66		
282.55	285.60	3.05	2.74	90	1.90	62		
285.60	288.65	3.05	3.00	98	2.50	82		
288.65	291.69	3.04	2.88	95	2.88	95		2.88 m run
291.69	294.74	3.05	2.98	98	1.82	60		fault from 294.20 - 294.83m
294.74	297.79	3.05	3.05	100	1.86	61		fault from 296 - 297m
297.79	300.84	3.05	3.00	98	2.30	75		
300.84	303.89	3.05	3.07	101	2.95	97		
303.89	306.93	3.04	3.05	100	2.86	94		
306.93	309.98	3.05	3.05	100	2.90	95		
309.98	313.03	3.05	3.00	98	2.55	84		
313.03	316.08	3.05	3.02	99	2.44	80		
316.08	319.13	3.05	3.05	100	1.73	57		
319.13	322.17	3.04	3.05	100	2.88	95		
322.17	325.22	3.05	3.06	100	2.92	96		
325.22	328.27	3.05	3.09	101	2.87	94		
328.27	331.32	3.05	3.05	100	2.75	90		
331.32	334.37	3.05	3.08	101	2.60	85		
334.37	337.41	3.04	2.98	98	2.84	93		
337.41	340.46	3.05	3.07	101	2.69	88		
340.46	343.51	3.05	3.00	98	2.49	82		
343.51	346.56	3.05	3.03	99	2.73	90		
346.56	349.61	3.05	3.08	101	2.46	81		
349.61	352.65	3.04	3.07	101	2.73	90		
352.65	355.70	3.05	3.01	99	2.65	87		
355.70	358.75	3.05	3.04	100	2.82	92		
358.75	361.80	3.05	3.05	100	2.96	97		
361.80	364.85	3.05	3.00	98	2.58	85		
364.85	367.89	3.04	3.08	101	2.89	95		
367.89	370.94	3.05	2.99	98	2.45	80		
370.94	373.99	3.05	2.85	93	2.23	73		
373.99	377.04	3.05	3.05	100	2.84	93		
377.04	380.09	3.05	3.03	99	2.98	98		

Hole ID: 11-PC-108		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
380.09	383.13	3.04	3.05	100	2.72	89		
383.13	386.18	3.05	3.03	99	2.96	97		
386.18	389.23	3.05	3.05	100	2.78	91		
389.23	392.28	3.05	3.03	99	2.60	85		
392.28	395.33	3.05	2.97	97	2.62	86		
395.33	398.37	3.04	2.93	96	2.40	79		
398.37	401.42	3.05	2.89	95	2.63	86		
401.42	404.47	3.05	2.90	95	2.62	86		
404.47	407.52	3.05	2.88	94	2.83	93		
407.52	410.57	3.05	3.06	100	2.53	83		
410.57	413.61	3.04	3.05	100	2.83	93		
413.61	416.66	3.05	3.10	102	2.84	93		
416.66	419.71	3.05	3.05	100	2.68	88		
419.71	422.76	3.05	3.00	98	2.55	84		
422.76	425.81	3.05	3.05	100	2.85	93		
425.81	428.85	3.04	2.97	98	2.62	86		
428.85	431.90	3.05	3.03	99	2.78	91		
431.90	434.95	3.05	3.00	98	2.91	95		
434.95	438.00	3.05	3.06	100	2.92	96		
438.00	441.05	3.05	3.05	100	2.71	89		
441.05	444.09	3.04	3.10	102	2.75	90		
444.09	447.14	3.05	2.95	97	2.44	80		
447.14	450.19	3.05	3.05	100	2.90	95		
450.19	453.24	3.05	3.08	101	2.99	98		
453.24	456.29	3.05	3.05	100	1.79	59		
456.29	459.33	3.04	3.05	100	2.96	97		
459.33	462.38	3.05	3.12	102	2.90	95		3.12 m run
462.38	465.43	3.05	3.12	102	3.05	100		3.12 m run
465.43	468.48	3.05	3.05	100	2.97	97		
468.48	471.53	3.05	3.05	100	2.99	98		
471.53	474.57	3.04	3.09	102	3.09	102		
474.57	477.62	3.05	2.99	98	2.91	95		
477.62	480.67	3.05	3.05	100	2.37	78		
480.67	483.72	3.05	3.07	101	2.99	98		
483.72	486.77	3.05	3.05	100	3.05	100		
486.77	489.81	3.04	3.05	100	3.05	100		
489.81	492.86	3.05	3.05	100	3.05	100		
492.86	495.91	3.05	3.05	100	3.05	100		
495.91	498.96	3.05	3.05	100	2.94	96		
498.96	502.01	3.05	3.05	100	3.05	100		
502.01	505.05	3.04	3.03	100	2.85	94		
505.05	508.10	3.05	3.05	100	2.85	93		
508.10	511.15	3.05	3.04	100	2.37	78		
511.15	514.20	3.05	3.00	98	2.54	83		
514.20	517.25	3.05	3.03	99	3.03	99		
517.25	520.29	3.04	3.01	99	3.01	99		
520.29	523.34	3.05	3.05	100	2.58	85		
523.34	526.39	3.05	3.05	100	2.96	97		
526.39	529.44	3.05	3.05	100	2.28	75		
529.44	532.49	3.05	3.05	100	2.96	97		
532.49	535.53	3.04	2.90	95	2.45	81		
535.53	538.58	3.05	3.05	100	3.00	98		
538.58	541.63	3.05	3.02	99	2.31	76		
541.63	544.68	3.05	3.02	99	2.64	87		
544.68	547.73	3.05	3.05	100	2.99	98		
547.73	550.77	3.04	3.03	100	2.88	95		
550.77	553.82	3.05	3.07	101	3.07	101		
553.82	556.87	3.05	3.06	100	3.06	100		
556.87	559.92	3.05	2.88	94	2.88	94		2.88 m run

Hole ID: 11-PC-108		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
559.92	562.97	3.05	3.07	101	3.07	101		
562.97	566.01	3.04	3.00	99	3.00	99		
566.01	569.06	3.05	3.00	98	3.00	98		
569.06	572.11	3.05	3.11	102	3.11	102		3.11 m run
572.11	575.16	3.05	3.11	102	3.11	102		3.11 m run
575.16	578.21	3.05	3.01	99	2.95	97		
578.21	581.25	3.04	3.06	101	3.06	101		
581.25	584.30	3.05	3.01	99	3.01	99		
584.30	587.35	3.05	3.03	99	3.03	99		
587.35	590.40	3.05	3.05	100	2.95	97		
590.40	593.45	3.05	2.98	98	2.98	98		
593.45	596.50	3.05	3.08	101	3.04	100		
596.50	599.54	3.04	2.80	92	2.67	88		2.80 m run
599.54	602.59	3.05	2.94	96	2.94	96		EOH

Hole ID: 11-PC-108		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046588	21.50	24.50	3.00		1-2
1046589	24.50	27.50	3.00		2-3
1046590	27.50	30.50	3.00		3-4
1046591	30.50	33.50	3.00		4-5
1046592				Std CGS-27	
1046593	33.50	36.50	3.00		5-6
1046594	36.50	39.50	3.00		6-8
1046595	39.50	42.50	3.00		8-9
1046596	42.50	45.50	3.00		9
1046597	42.50	45.50	3.00	Duplicate	9
1046598	45.50	48.50	3.00		9-11
1046599	48.50	51.50	3.00		11-12
1046600	51.50	54.50	3.00		12-13
1046601	54.50	57.50	3.00		13-14
1046602	57.50	60.50	3.00		14-15
1046603	60.50	63.50	3.00		15-16
1046604	63.50	66.50	3.00		16-17
1046605				Blank	
1046606	66.50	69.50	3.00		17-18
1046607	69.50	72.50	3.00		18-19
1046608	72.50	75.50	3.00		19-20
1046609	72.50	75.50	3.00	Duplicate	19-20
1046610	75.50	78.50	3.00		20-21
1046611	78.50	81.50	3.00		21-22
1046612	81.50	84.50	3.00		22-23
1046613	84.50	87.50	3.00		23-24
1046614	87.50	90.50	3.00		24-25
1046615				Std CM-8	
1046616	90.50	93.50	3.00		25-26
1046617	93.50	96.50	3.00		26-27
1046618	96.50	99.50	3.00		27-28
1046619	99.50	102.50	3.00		28
1046620	102.50	105.50	3.00		28-29
1046621				Blank	
1046622	105.50	108.50	3.00		29-30
1046623	108.50	111.50	3.00		30
1046624			0.00	Std CGS-27	
1046625	111.50	114.50	3.00		30-31
1046626	114.50	117.50	3.00		31-32
1046627	117.50	120.50	3.00		32
1046628	120.50	123.50	3.00		32-33
1046629	123.50	126.50	3.00		33-34
1046630	123.50	126.50	3.00	Duplicate	33-34
1046631	126.50	129.50	3.00		34
1046632	129.50	132.50	3.00		34-35
1046633	132.50	135.50	3.00		35-36
1046634	135.50	138.50	3.00		36
1046635	138.50	141.50	3.00		36-37
1046636	141.50	144.50	3.00		37-38
1046637	144.50	147.50	3.00		38
1046638	144.50	147.50	3.00	Duplicate	38
1046639	147.50	150.50	3.00		38-39
1046640	150.50	153.50	3.00		39-40
1046641	153.50	156.50	3.00		40
1046642	156.50	159.50	3.00		40-41
1046643	159.50	162.50	3.00		41
1046644			0.00	Blank	
1046645	162.50	165.50	3.00		42
1046646	165.50	168.50	3.00		42-43

Hole ID: 11-PC-108		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046647			0.00	Std CGS-27	
1046648	168.50	171.50	3.00		43-44
1046649	171.50	174.50	3.00		44
1046650	174.50	177.50	3.00		44-45
1046651	177.50	179.70	2.20		45
1046652	179.70	181.60	1.90		45-46
1046653	181.60	184.60	3.00		46-47
1046654	184.60	187.60	3.00		47
1046655	187.60	190.60	3.00		47-48
1046656	190.60	193.60	3.00		48-49
1046657	193.60	196.60	3.00		49
1046658			0.00	Std CGS-27	
1046659	196.60	199.60	3.00		49-50
1046660	199.60	202.60	3.00		50-51
1046661			0.00	Duplicate	
1046662	202.60	205.60	3.00		51
1046663	205.60	208.60	3.00		51-52
1046664	208.60	211.60	3.00		52-53
1046665	211.60	214.60	3.00		53
1046666	214.60	217.60	3.00		53-54
1046667	217.60	220.60	3.00		54-55
1046668	220.60	223.60	3.00		55
1046669	223.60	226.60	3.00		55-56
1046670	226.60	229.60	3.00		56-57
1046671			0.00	Blank	
1046672	229.60	232.60	3.00		57
1046673	232.60	235.60	3.00		57-58
1046674	235.60	238.60	3.00		58-59
1046675	238.60	241.60	3.00		59
1046676	241.60	244.60	3.00		59-60
1046677	244.60	247.60	3.00		60-61
1046678	247.60	250.60	3.00		61
1046679			0.00	Std MoS-1	
1046680	250.60	253.60	3.00		61-62
1046681	253.60	256.60	3.00		62-63
1046682	256.60	259.60	3.00		63
1046683	256.60	259.60	3.00	Duplicate	
1046684	259.60	262.60	3.00		63-64
1046685	262.60	265.60	3.00		64-65
1046686	265.60	268.60	3.00		65
1046687	268.60	271.60	3.00		65-66
1046688	271.60	274.60	3.00		66-67
1046689	274.60	277.60	3.00		67
1046690	277.60	280.60	3.00		67-68
1046691	280.60	283.60	3.00		68-69
1046692	283.60	286.60	3.00		69
1046693			0.00	Blank	
1046694	286.60	289.60	3.00		69-70
1046695	289.60	292.30	2.70		70-71
1046696	292.30	295.30	3.00		71
1046697	295.30	296.90	1.60		71-72
1046698	296.90	299.90	3.00		72
1046699	299.90	302.90	3.00		72-73
1046700	302.90	305.90	3.00		73-74
1046701			0.00	Std CGS-27	
1046702	305.90	308.90	3.00		74
1046703	308.90	311.90	3.00		74-75
1046704	311.90	314.90	3.00		75-76
1046705	314.90	317.90	3.00		76

Hole ID: 11-PC-108		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046706	317.90	320.90	3.00		76-77
1046707	317.90	320.90	3.00	Duplicate	76-77
1046708	320.90	323.90	3.00		77-78
1046709	323.90	326.90	3.00		78
1046710	326.90	329.90	3.00		78-79
1046711	329.90	332.90	3.00		79-80
1046712	332.90	335.90	3.00		80
1046713	335.90	338.90	3.00		80-81
1046714			0.00	Blank	
1046715	338.9	341.90	3.00		81-82
1046716	341.90	344.90	3.00		82-83
1046717	344.90	347.90	3.00		83
1046718	347.90	350.90	3.00		83-84
1046719	350.90	353.25	2.35		84
1046720				Std CM-8	
1046721	353.25	356.25	3.00		84-85
1046722	356.25	359.25	3.00		85-86
1046723	359.25	362.25	3.00		86
1046724	362.25	365.25	3.00		86-87
1046725	365.25	368.25	3.00		87-88
1046726	365.25	368.25	3.00	Duplicate	
1046727	368.25	369.75	1.50		88
1046728	369.75	372.75	3.00		88-89
1046729	372.75	375.75	3.00		89
1046730	375.75	378.75	3.00		89-90
1046731	378.75	381.75	3.00		90-91
1046732	381.75	384.75	3.00		91
1046733				Blank	
1046734	384.75	387.75	3.00		91-92
1046735	387.75	390.75	3.00		92-93
1046736	390.75	393.75	3.00		93
1046737	393.75	396.75	3.00		93-94
1046738	396.75	399.75	3.00		94-95
1046739	399.75	402.75	3.00		95
1046740				Std CGS-27	
1046741	402.75	405.75	3.00		95-96
1046742	405.75	408.75	3.00		96-97
1046743	408.75	411.75	3.00		97
1046744	411.75	414.75	3.00		97-98
1046745	414.75	417.75	3.00		98-99
1046746	417.75	420.75	3.00		99
1046747	420.75	423.75	3.00		100
1046748	420.75	423.75	3.00	Duplicate	100
1046749	423.75	426.75	3.00		100-101
1046750	426.75	429.75	3.00		101-102
1046751	429.75	432.75	3.00		102
1046752	432.75	435.75	3.00		102-103
1046753	435.75	438.75	3.00		103-104
1046754	438.75	441.75	3.00		104
1046755	441.75	444.75	3.00		104-105
1046756				Std CGS-27	
1046757	444.75	447.75	3.00		105-106
1046758	447.75	450.75	3.00		106
1046759	450.75	453.75	3.00		106-107
1046760	453.75	456.75	3.00		107-108
1046761	456.75	459.75	3.00		108
1046762	459.75	462.75	3.00		108-109
1046763				Blank	
1046764	462.75	465.75	3.00		109-110

Hole ID: 11-PC-108		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046765	465.75	468.75	3.00		110
1046766	468.75	471.75	3.00		110-111
1046767	471.75	474.75	3.00		111-112
1046768	471.75	474.75	3.00	Duplicate	111-112
1046769	474.75	477.75	3.00		112
1046770	477.75	480.75	3.00		112-113
1046771	480.75	483.75	3.00		113-114
1046772	483.75	486.75	3.00		114
1046773	486.75	489.75	3.00		114-115
1046774	489.75	492.75	3.00		115-116
1046775				Blank	
1046776	492.75		495.75		116
1046777				Std CGS-27	
1046778	495.75	498.75	3.00		116-117
1046779	498.75	501.75	3.00		117-118
1046780	501.75	504.75	3.00		118
1046781	504.75	507.75	3.00		118-119
1046782	507.75	510.75	3.00		119-120
1046783	510.75	513.75	3.00		120
1046784	513.75	516.75	3.00		120-121
1046785	516.75	519.75	3.00		121-122
1046786	519.75	522.75	3.00		122
1046787	522.75	525.75	3.00		122-123
1046788	525.75	528.75	3.00		123-124
1046789	528.75	531.75	3.00		124
1046790	528.75	531.75	3.00	Duplicate	124
1046791	531.75	534.75	3.00		124-125
1046792	534.75	537.75	3.00		125-126
1046793	537.75	540.75	3.00		126
1046794				Std CGS-27	
1046795	540.75	543.75	3.00		126-127
1046796	543.75	546.75	3.00		127-128
1046797	546.75	549.75	3.00		128
1046798	549.75	552.75	3.00		128-129
1046799	552.75	555.75	3.00		129-130
1046800				blank	
1046801	555.75	558.75	3.00		130
1046802	558.75	561.75	3.00		130-131
1046803	561.75	564.75	3.00		131-132
1046804	564.75	567.75	3.00		132
1046805	567.75	570.75	3.00		132-133
1046806	570.75	573.75	3.00		133-134
1046807	570.75	573.75	3.00	Duplicate	133-134
1046808	573.75	576.75	3.00		134
1046809	576.75	579.75	3.00		134-135
1046810	579.75	582.75	3.00		135-136
1046811	582.75	585.75	3.00		136
1046812	585.75	588.75	3.00		136-137
1046813	588.75	591.75	3.00		137-138
1046814				Std CGS-27	
1046815	591.75	594.75	3.00		138
1046816	594.75	597.75	3.00		138-139
1046817	597.75	600.75	3.00		139-140
1046818	600.75	602.59	1.84		140
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-109	Easting (NAD 83): 631894	Core Size: NQ	DDH Started: October 6 2011
	Northing (NAD 83): 5987150	Hole Azimuth: 180	DDH Finished: October 10 2011
Property: Poplar Deposit	Elevation: 905m	Hole Angle: -67	Log Completed: October 16 2011
	Source: GPS	Total Depth: 501.00	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Virginia Pohl, Amar
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.0	180.0	-67.0
201.0	182.2	-67.9
300.0	189.1	-65.6
402.0	194.8	-64.5
501.0	200.7	-62.8

Summary: This hole tests the northern 0.1% Cu shell, it is a low priority insight target. The hole dominantly consists of feldspar porphyritic quartz monzonite intruded by 3-50m thick, amygdaloidal intermediate-mafic dykes. Dykes are most common and thickest at top of unit, decreasing in size and abundance thereafter. With the exception of rare cpy and mo presence in vns at ~90m and ~450m, respectively, amgdaloidal dykes are post mineralized. In terms of alteration and mineralization the unit can essentially be divided into depths shallower and deeper than ~230m. Weak to mod propylitic alteration is most prevalent above 230m and cpy and mo are present in very trace (<<1%) amounts, restricted to later vns. Additionally, localised bornite is present in later vns and along frac planes at the top of the hole. Below 230m, weak to moderate, locally strong potassic alteration is most prevalent with minor intervals of varying strengths of propylitic alteration. Cpy is consistently present in trace amounts with common abundance increases to 1%. Mo is commonly associated with cpy in later qtz/cal/gypsum vns and locally associated with base metal sulphides (sph+/-galena) in rare, later dol vns.

Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	30.00	Ovb	Casing, overburden.						
30.00	30.26	Ovb?	Few rolled/rounded intermediate-mafic boulder pieces (2-4cm depth).						
			Purple lithic xl tuff for 24 cm, core intact, not rolled or rounded (v large boulder?, small tuff unit?).						
30.26	62.58	Qtz Mnz	Fsp Porphyritic Qtz Monzonite	30.26	62.58	5	trace	trace	F.g. to m.g. py, finely diss, on frac planes and in stkwrk
									and later qtz/gypsum vns. Diss py>vns, py is coarser
			30.26-52.68m: Broken zone, core is strongly fractured.						in later vns. F.g. to v.f.g mo in later qtz/gypsum vns,
									abundance inc to 1% locally. F.g. to v.f.g. cpy in later
			Massive, med grey grading to med green-green grey towards base of unit.						qtz/cal vns.
			1-5mm white, anh to suh fsp phenos comprise 40-45% of the unit. Fsp						
			phenos are most commonly 1-3mm in size and partly altered to clay/	34.95	35.60				Trace f.g. to v.f.g. bornite, diss along a few frac planes.
			sericite, locally weakly sausseritized. The gdmass is weakly chl/clay alt,						
			with locally silicified portions from 56.42-62.48m. Locld, weak to	39.20	39.21	2	1	5	1.4cm wide vn with open space filling/reopened text
			mod propylitic alt adjacent to fault zone @59.62-62.58m.						comprised of: f.g. to m.g., suh cream carbonate (dol?)-
									v.f.g. to f.g. white cal-f.g. to m.g. clear qtz-f.g. to m.g.
			1-2mm randomly oriented f.g. qtz-f.g. py stockwork vns with 3-4mm med						anh-suh mo-f.g. py-f.g. cpy-f.g. bornite.
			grey alt halos comprise 3-5% of the unit. Alt halos dominantly consist of						
			f.g. to v.f.g chl, locally of f.g. qtz. 0.2-1.8cm wide, later f.g. to m.g. gypsum+/-						
			f.g. to m.g. qtz+/-f.g. to m.g. py+/-f.g. to v.f.g mo+/-f.g. cpy vns comprise 1-3%						
			of the unit. Later,f.g. to m.g. qtz+/-f.g. to m.g. py+/-f.g. cal+/-f.g. mo+/-f.g.						
			cpy vns comprise 1% of the unit. Both types of later vns cut stockwork.						
			Vn abundance estimations may be skewed (lower) due to broken zone @						
			30.26-52.68m.						
			59.62-62.58m: Fault zone, strongly pitted core with abnt fault gouge. Few						
			0.3-1.5cm wide dark grey, clay rich shear bands @ top of interval. Few						
			sericite/clay coated frac planes proximal to upper interval boundary.						
62.58	105.03	Amyg Basal	Amygdaloidal Intermediate-Mafic (Basaltic?) Dyke	62.58	105.03				No visible mineralization save for f.g cpy in breccia
									vns described below.
			Massive, dominantly purple grey, locally bleached to light tan-light grey						
			brown. Aphanetic gdmass with 3-5% rnd-subrnd, 2-5mm amygdules infilled	90.03	92.00		trace		Up to 1% locally. F.g. itsl cpy in cores of crustiform
			with f.g. smoky qtz +/- v thin (<<1mm) v.f.g. carbonate rims. 0.2-1.0cm lime						banded breccia vns.
			green, sausseritized (ep+/-clay/sericite+/-chl) subrnd to irregular formed						
			blebs (v alt fsp phenos?) comprise 5-6% of the unit. Lime blebs locally have						
			v.f.g. to f.g. salmon pink to orange-pink to pink red, soft mineral (H<4)						
			inclusions (altered Kfs?, hematite?, faded realgar?).						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			No visible mineralization. Rare ($\leq 1\%$) 1-3mm wide white vf.g. to f.g., suh to						
			euh carbonate (dol?) vns with locld drusy text and/or bleached alt halos.						
			Minor (3-5%) f.g. clay+/-sericite? filled/coated fracs. Stkwrk vns absent.						
			Later vns locally have pale tan bleached alt halos.						
			75.31-81.00m: Fault zone, v abundant clay rich gouge intervals @ 75.38-						
			75.83m, 77.85-77.95m, 80.00-81.00m. Locld mod to strongly pitted						
			sections.						
			90.03-92.00m: Fault zone: very strong brecciation, 2cm to 20cm thick clay						
			rich gouge filled sections. Perv very strong chloritization/prop alt of gdmass.						
			Breccia vns @ 90.98-91.78m with ang to subang strongly prop alt						
			amyg basalt clsts. Crustiform banded matrix with v pale pink to pink-red						
			v.f.g min (hematite?, faded realgar?) encrusted clasts, v.f.g. to f.g. qtz+/-f.g.						
			magnetite+/- f.g. itsl cpy+/-f.g. itsl py cores. Unit is bleached v light grey						
			brown-light brown-v light grey from 87.94m-94.32m. Few salmon pink						
			to pink-orange, soft (H:2) unknown mineral (faded realgar?, no fizz) locally						
			occurs on frac planes.						
105.03	122.66	ph Qtz Mn	Fsp Porphyritic Qtz Monzonite	105.03	122.66	3	trace		F.g. to m.g. py, very finely diss, in stockwork and later
									qtz vns. Diss>vns, py coarser in vns. V.f.g. to f.g. cpy
			Massive, light to med grey. 1-5mm white, anh to suh fsp phenos comprise						very locally occurs in later qtz vns.
			40-45% of the unit. Fsp phenos are most commonly 1-3mm and partially to						
			completely alt to sericite. Gdmass is very locally stained pale pink (vw Kfs						
			flooding?, v.f.g hem?). Mod to strong silicification from 117.90-123.66m.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py vns with 3-6mm med grey f.g. qtz						
			alt halos comprise 3-5% of the unit. Later, 0.4-1.4 cm wide f.g. to m.g. anh						
			qtz-f.g. to m.g. py+/- f.g. to m.g. cream to white carbonate (dol?, powder						
			fizzes) +/- v.f.g. to f.g. vns cut stkwrk vns. Later qtz vns comprise 1% of the						
			unit, are locally vuggy or exhibit open space filling text. Rare (1%) clay/						
			sericite? coated frac planes.						
			106.00-107.86m: Fsp phenos are strongly sericitized. 3% f.g. to m.g.						
			secondary, shreddy appearing black bio phenos. Gdmass is strongly clay/						
			sericite alt. Vw pot alt with strong phyllic alt overprint?						

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Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To			From	To	Py	Cpy	Mo	
122.66	172.33	Amyg Basal	Amygdaloidal Basaltic Dyke	122.66	172.33				No visible mineralization
			Similar to dyke described @62.58-105.03m. Dominantly bleached to light grey brown-light green brown, locally light purple grey. The unknown salmon pink-orange pink, locally red, mineral increases in abundance to 1% locally. It occurs within lime (fsp phenos?) blebs, locally diss in gdmass, along frac planes and in later cal/qtz vns. Later vns are dominantly cal+/-qtz+/-dol and comprise 3% of the unit. Lime blebs are locally zoned with ep rims, clay/chl/sericite? cores.						
			155.05-155.20m: Mod strong fault. Strongly pitted core with mod abnt clay rich gouge.						
			169.69m: 2cmx5cm subrnd ovoid pph qtz monzonite xenolith with strong propylitic alt.						
			171.46-172.33m: Weak to mod foliation (shearing) approaching ctc.						
172.33	182.73	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak to Mod Propylitic Alt	172.33	182.73	3	trace	trace	F.g. to m.g. py, diss, in stockwork and later qtz/cal/gypsum vns. Diss py>vns, py coarser in later vns. F.g. to v.f.g. cpy, diss and in later qtz vns, diss>vns. F.g. mo v locally in later qtz vns.
			Massive,light to med grey. 1-5mm anh to suh, white to pale green fsp phenos comprise 45-50% of the unit. Fsp phenos are partially to completely sericite/clay alt, locally weakly sausseritized and most commonly 1-3mm. 3-8mm med grey f.g. qtz-f.g. chloritized mafics+/- f.g. sul blebs/clots generate a locally spotted text. The gdmass is locally stained pale peach pink (vw Kfs flooding?). Locld weak to mod silicification of gdmass. 3% f.g. to m.g., suh to euh pale cream, strongly alt, shreddy appearing relict bio phenos.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py stockwork vns with 0.3-1.0 cm med grey f.g. chl+/-f.g. qtz alt halos comprise 1-3% of the unit. 1% later, f.g. to m.g., suh to euh gypsum+/-f.g. cal +/-f.g. sul vns 0.3-1.0cm wide cut stockwork vns. Rare (<1%) later, f.g. to m.g. qtz and/or f.g. to m.g. cal-f.g. to m.g. py+/-f.g. to v.f.g. cpy+/-f.g. mo vns cut stockwork vns.						
			172.28-172.69m: Weakly to mod brecciated adjacent to upper ctc. Strongly silicified gdmass and sausseritized fsp phenos.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
182.73	201.81	Amyg Basal	Amygdaloidal Basaltic Dyke	182.73	201.81				No visible mineralization
			Similar to unit described @62.58-105.03m. Dominantly med purple grey-						
			med purple brown, locally bleached to light brown-grey approaching lower						
			ctc. Trace amounts of suh to euh, white to v light green, perv sericitized						
			fsp phenos strongly suggest that lime blebs described in uphole amyg basalt						
			units are alt fsp phenos. Lime blebs comprise 5-7% of the unit. Minor blebs						
			are dark green, strongly chloritized with locld rectangular xsections (alt mafic						
			phenos such as hbl?, v alt fsp phenos?). 1-2mm wide, later f.g. qtz+/-f.g. dol+/-						
			f.g. cal vns comprise 1% of the unit. Later qtz vns are locally randomly oriented.						
			Rare (<1%) f.g. to m.g. gypsum vns. Minor fracs with partial clay+/- sericite?						
			coatings.						
			187.62-188.30m: Later qtz-dol vn with bleached alt halo. Halo has reddish-pink						
			rim (Kfs?, hem?), light brown core. F.g. reddish mineral also locally present						
			in fsp phenos/lime blebs proximal to vn.						
			183.28-193.21m: Very weak to weak foliation defined by parallel elongation of						
			fsp phenos/lime blebs and amygdules (weak shearing).						
			199.89m-201.81m:Weak clay alt of gdmass and weak to mod shearing. Locld						
			mottled, spotted and weakly foliated intervals.						
201.81	207.08	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Phyllic Alteration?	201.81	207.08	1-3		trace	F.g. py, diss and in vns, diss>vns. V.f.g. mo, very locally
									diss.
			Massive, pale buff grey. 1-6mm white-light grey-v light green, anh to suh fsp						
			phenos comprise 40% of unit. Fsp phenos are partially to completely alt to						
			sericite, locally weakly sausseritized and most commonly 3-5mm. The gdmass						
			is weakly silicified and locally stained light pink-pale peach (vw Kfs flooding?).						
			1-3% cream, f.g. to m.g., suh to euh, strongly alt, shreddy appearing relict bio						
			phenos.						
			Rare (1%) 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-5mm med						
			grey qtz/chl alt halos. 1-3% later, f.g. to m.g suh to euh gypsum+/-f.g. py vns						
			2-3mm wide cut stkwrk vns. Rare sericite coated fracs.						
207.08	209.64	Amyg Basal	Amygdaloidal Basaltic Dyke	207.08	209.64				No visible mineralization

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
182.73	201.81	w-m	vw-w				Similar to dyke described @62.58-105.03m.	182.73	201.81	fracs	50-60	3	
											35-40	1	
											70	1	
								182.73	201.81	vns	5-20	1	Later qtz+/-dol+/-cal vns
								182.73	201.81	vns	60-70	<1	Later gypsum vns
								183.28	193.21	fol	40-50	vw-w	Very weak to weak foliation defined by parallel elongation of fsp phenos/lime blebs and amygdules (weak shearing).
								201.81	201.81	ctc	50	sharp	Sharp planar lithological ctc. Weak shearing 40-45 °tca proximal to ctc.
201.81	207.08	vw	w-m		vw	vw?	Partially to completely sericitized, locally sausseritized fsp phenos and weakly silicified gdmass suggest weak phyllic alt with v weak prop alt overprint.	201.81	207.08	fracs	25-35	2	
											70	1	
											40	1	
								201.81	207.08	vns	60-70	2	Later, f.g. to m.g suh to euh gypsum+/-f.g. py vns
											20-25	<1	
											40	<1	
								207.08	207.08	ctc	30	sharp	Sharp planar lithological ctc
207.08	209.64	w-m			w-m		Locld clay alt of gdmass, silicification of relict	207.08	209.64	fracs	50-60	3	

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								230.05	230.05	shear	30	mod	Mod shearing with minor gouge at upper ctc
								237.23	237.23	ctc	70	sharp	Sharp undulatory lithological ctc
237.23	258.13	vw	w-m	vw	w-m	vw-w	The pale pink stained (Kfs) gdmass and locld	237.23	377.61	fracs	50-60	4	Frac less common in intervals with mod to strong
							bio flooding suggests very weak to weak pot				70-80	3	pot alt. Fracs with 30-40°tca orientations more
							alt. The partially sericitized fsp phenos, weak				30-40	2	abundant proximal to faults @306.18-306.35m,
							to mod silicification of the gdmass, sericite				10-20	<1	308.18-308.31m
							coated frac planes and stkwrk vn qtz alt halos						
							suggests a weak phyllic overprint. Fsp phenos	237.23	377.61	vns	40-60	2	Later gypsum+/-py+/-cpy+/-mo+/-fl vns. Later gypsum
							locally have inclusions of/are partially to				70-80	1	vns inc in abundance and commonly cut each other
							completely altered to a peach pink-salmon				35-40	1	in a stkwrk fashion in intervals with mod to strong pot
							pink-pink red mineral (Kfs?).						alt.
258.13	290.30	vw	w	m-s	m-s	m-s	Pink brown to dark grey black. Mod, locally	237.23	377.61	vns	20-30	1	Later qtz-py+/-cpy+/-mo+/-cal+/-fl vns
							strong pot alt is defined by the w-m Kfs/bio						
							flooding of the gdmass, locally magnetic	308.36	346.11	vns	15-30	1-3	Later dol-qtz+/-py+/-sph+/-mo cpy vns
							nature and silicification of gdmass and fsp				40-55	<1	
							phenos. V locld sericitized fsp phenos						
							suggests there is a weak, locld phyllic overprint.						
							Weak pot alt with weak propylitic alt overprint						
							from 281.37-284.34m and 285.54-287.14m.	364.12	364.12	vn	30	<<1	1.2cm wide f.g. to c.g. anh qtz-f.g. to m.g. buff suh dol-
													f.g. to m.g. suh tan to black sph-f.g. to v.f.g suh mo-f.g.
290.30	362.28	w	w-m	vw	w-m	vw-w	Similar to described @237.23-258.13m. Pink-						to v.f.g anh cpy vn with vuggy text.
							red mineral absent from fsp phenos. Locld						
							mod to strong prop alt overprint @ 304.52-	366.52	366.52	vn	30	<<1	2.1cm wide f.g. to m.g. anh qtz-f.g. anh cal-f.g. to m.g.
							310.31m, 319.50-m. Prop alt defined by chl alt						anh cpy-v.f.g. to m.g. mo vn. Cpy and mo are locally diss
							gdmass and sausseritized fsp phenos. Prop alt						in gdmass adjacent to vn.
							at 304.52-310.31m appears to be fault related						
							(faults @ 306.18-306.35m, 308.18-308.31m,	351.47	362.28	fault	20-30	w-m	Weak to mod fault zone. Unit is weakly to mod
							348.14-348.48m).Salt and pepper text, weakly				40-50		brecciated and pitted with mod abnt clay rich gouge
							magnetic intervals with perv sericitized fsp						filled fracs. Strongest brecciation @ 351.87-352.12m,
							phenos and 7-10% diss bio @ 312.94-319.36m,						353.74-353.90m, 353.33-353.51m, 356.76-357.01m,
							330.00-331.73m and 342.40-350.92m.						353.53-358.79m and 359.37-362.04m. Few dark grey
													1-4mm wide clay rich shear bnds throughout interval.
362.28	377.61	w-m	m-s	m	vw-w		Pale green-green-brown-green grey. Weak to						Clay rich gouge-filled fracs 40-50°tca and 20-30°tca.
							mod phyllic alt with perv mod to strong prop						Strongly brecciated section at base of interval 20-30°

Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Potassically altered intervals with a mod to strong propylitic alt overprint						
			are pale green grey to pale green brown, locally minty green. The gdmass is						
			mod to strongly chl/clay alt and fsp phenos are mod to strongly sausseritized.						
			Bio phenos are commonly strongly alt to cream-tan shreddy appearing relict						
			xls.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-4mm med grey qtz+/-						
			chl alt halos comprise 1-3% of the unit. Stkwrk vns are less abundant (1%) and						
			apparent where pot alt is stronger, but are still present. Rare (1%) later f.g. qtz-						
			f.g. py+/-f.g. cpy+/- v.f.g. +/-f.g. ca+/-f.g. fl vns cut stkwrk vns. 2-7mm later, f.g.						
			gypsum +/- f.g. py+/-f.g. cpy+/-f.g. to v.f.g. mo+/-f.g. fl vns comprise 2-4% of the unit						
			and cut the stkwrk vns. Gypsum vns most commonly 2-4mm wide, rarely >4mm.						
			Later 2-4mm gypsum vns inc in abundance and commonly cut each other in a						
			stockwork fashion in intervals with mod to strong pot alt. 1-3% open and closed						
			fracs with sercite coating. Later qtz and gypsum vns inc and dec in abundance,						
			respectively approaching base of unit.						
			306.18-306.35m: Mod strong fault. Strongly brecciated, pitted core with minor						
			clay rich gouge. Similar fault @ 308.18-308.31m. 3-8mm dark grey shear bnds						
			at boundaries of faults.						
			308.36-346.11m: 3-7mm later vns consisting of cream f.g. to m.g., anh to suh						
			dol-f.g. anh qtz-f.g. to m.g., anh to suh py+/- f.g. to m.g., anh to suh, light tan to						
			black sph+/-f.g. to v.f.g. mo+/-f.g. to m.g. cpy. Vns comprise 1% of unit, locally up						
			to 3%. Drusy, open space filling texts are common, with lesser abundant vuggy						
			and breccia vns. Local vns have sooty dark grey v.f.g. rims and/or disseminations						
			(smeared py?, tetra?). Similar vns @ 363.57-363.71m.						
			351.47-362.28m: Weak to mod fault zone. Unit is weakly to mod brecciated and						
			pitted with mod abnt clay rich gouge filled fracs. Strongest brecciation @ 351.87-						
			352.12m, 353.74-353.90m, 353.33-353.51m, 356.76-357.01m, 353.53-358.79m						
			and 359.37-362.04m. Perv, strong propylitic alt. An unknown dark grey, v.f.g. to						
			f.g. diss mineral (smeared mo?, tetra?) generates a locld sooty appearance.						
			The unknown mineral dominantly occurs in trace amounts, locally inc up to 1-2%.						
			Minor (≤1%) vuggy 0.2-3.5cm vns comprised of f.g. to m.g., anh to suh, cream dol-						
			f.g. anh qtz-f.g. to m.g., anh to suh py+/-f.g. to m.g., suh to euh, light tan to black						
			sph+/-f.g. to v.f.g. suh galena+/-f.g. to m.g. anh cpy+/-f.g. to v.f.g mo. Vns are						
			commonly vuggy and less commonly exhibit open space text. An unknown, dark						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			grey submet vf.g. to f.g. mineral (oxidized galena?, tetra?) comprises trace to 3% of the vns and generates a locally sooty appearance. Dol vns are randomly oriented, varying from 15-70°tca. Few dark grey 1-4mm wide clay rich shear bands throughout interval.						
377.61	379.14	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	377.61	379.14				No visible mineralization.
			Massive, bleached to light green grey. 1-4mm white to lime green, anh, perv sausseritized fsp phenos comprise 3-5% of the unit. 2-5mm round to ovoid, qtz filled amygdules comprise 1-2% of the unit. The gdmass is soft, clay/chl alt? No visible mineralization. Weak shearing proximal to ctcs defines a weak foliation.						
379.14	416.29	Qtz Mnz	Variably Altered Bio-Fsp Porphyritic Qtz Monzonite	379.14	416.29	5	trace	trace	F.g. to m.g. py, finely diss, in stockwork and later qtz/cal/dol vns. Diss py>vns, py coarser in later vns. F.g. to v.f.g cpy, diss and in later qtz/cal/dol vns, vns>diss. Cpy abundance inc to 1% locally. F.g. to v.f.g. mo, diss and in later qtz/cal vns, vns>diss. Mo abundance inc to 1% locally.
			Massive, color varies with degree and type of alt: dominantly green grey-med brown grey-pink brown, locally salt and pepper or dark grey black. 1-5mm white to light grey to pale green fsp phenos comprise 40-45% of the unit. Fsp phenos are most commonly 1-3mm and exhibit varying degrees of silicification, sausseritization and/or sericitization depending on the type and strength of alt. 5-8% secondary bio is diss and/or floods the gdmass. Size, color and text of bio varies with degree and type of alt. An unknown dark grey v.f.g to f.g. mineral (bio?, sul?) diss in the gdmass comprises 1-7% of the unit. Sections with inc abundance of the unknown mineral have a dirty, sooty appearance. The mineral is most common in intervals with mod to strong prop alt, discussed in more detail below.	386.61	386.61	1	trace	2	1.2 cm wide vn comprised of f.g. white dol-f.g. to m.g. dark grey, locally tan sph-f.g. to m.g. dark grey unknown min (tarnished galena?)-v.f.g. to f.g. mo. Vn is banded with dol rims and core enveloping sph-galena?-mo 2mm bnd.
			The unit predominantly consists of very weak to weak pot alt with a mod to strong propylitic alt overprint. It is med green grey with a locld dirty, sooty appearance. The gdmass is perv chloritized. F.g. to m.g. bio phenos occur as strongly alt, light tan relict xls. Locld sections with weak bio flooding are light to med brown and less apparent compared with bio flooding in pot alt intervals lacking the prop alt overprint. Intervals with relict bio flooding are locally weakly to mod silicified. Weak partial Kfs flooding of the gdmass is locally present. Fsp phenos are weakly sausseritized with locld partial sericitization and most commonly pale green to light grey.	393.34	394.03	1-3	3-5	5	0.2-1.7mm wide vns comprised of unknown submet dark grey mineral with red-brown streak (hem?, sph?)-v.f.g. to f.g. mo-f.g. to m.g. cpy-f.g. light tan sph-f.g. to m.g. py. Mo-cpy-sph-py are all itsl to the unknown mineral, that the vn dominantly consists of (>85%). The vns comprise 1% of the unit for this interval.
			Brown grey to pink brown, locally dark grey black intervals consist of mod pot alt. The gdmass is mod to strongly silicified with local bio and/or kfs flooding. 3-5%	396.18	396.41	5-7	3-5	1	1cm wide vn with drusy text comprised of: m.g. euh cal-v.f.g to f.g. dark grey, submet unknown mineral with grey streak (tetra?)-f.g. to m.g. py-f.g. cpy-f.g. mo. F.g. to m.g. cpy is also abundant in the gdmass as 0.2-1.2 cm blebs and pods and finely diss.

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			f.g. to m.g., suh to euh bio xls are locally diss. Fsp phenos are most commonly light grey and silicified, locally white and partially to completely sercitized.	413.69	413.80	3-5	2-3	3-5	Large vn (>6cm) dominantly comprised of (>85%) an unknown dark brown-black, submet semihard mineral with a brown red streak (hem?, sph?)+f.g. py+f.g. to m.g. cpy+f.g. mo. Py-cpy-mo all itsl to unknown mineral.
			The top of the unit has a salt and pepper, locally sooty appearance. Fsp phenos are perv sercitized and coarser (3-5mm avgs) than the remainder of the unit. The gdmass is mod to strongly silicified, as are stkwrk vn alt halos. F.g. to m.g. bio phenos are most commonly mod altered to light brown, shreddy appearing relict xls, v locally unaltered and black. The strong sercitization of fsp phenos, silicification of gdmass and stkwrk vn alt halos and alt of bio phenos suggests this interval consists of weak pot alt with a strong phyllic overprint (?).						
			**bio and Kfs are present as secondary minerals.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-5mm med grey to dark grey alt halos comprise 5% of the unit. Stkwrk alt halos are comprised of chl in prop alt intervals, qtz in pot alt and salt and pepper (phyllic?) intervals.						
			Later, f.g. to m.g. qtz and/or f.g. to m.g. cal+/-f.g. to m.g. py+/-f.g. to v.f.g. cpy+/-f.g. to v.f.g. mo +/-f.g. to m.g. sph vns cut stockwork vns. Later vns are most commonly qtz, qtz/cal or cal vns most commonly occur with stronger prop alt. Locld, later f.g. to m.g. dol-f.g. to m.g. py-f.g. to m.g. sph-f.g. to m.g. mo-f.g. to m.g. cpy vns cut stockwork.						
			397.33m: Few rolled, very rounded pieces of amygdaloidal intermediate-mafic dyke. Pieces do not fit anywhere within unit and likely have fallen in from above. The pieces have been removed such that they will not be sampled.						
416.29	421.52	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Moderate to Strong Potassic Alteration	416.29	421.52	3-5	1-3		F.g. to m.g. py, diss, in stkwrk and later qtz vns. Diss py> vns. F.g. to m.g. cpy, diss, in stkwrk and later qtz vns. Diss cpy> vns. Sul coarser in later vns.
			Massive, dark grey to dark grey black and locally weakly magnetic. Gdmass is mod to strongly silicified with mod to strong bio flooding. V locld Kfs flooding, pred as later qtz vn alt halos. M.g. suh to euh, black bio phenos comprise 3-5% of the unit, (bio flooding+phenos comprises 10-15%). 1-4mm light grey silicified, fsp phenos comprise 35-40% of the unit. Silicification of phenos are less apparent than normal, but they are still present. The weakly magnetic, mod to strongly silicified gdmass with mod to strong bio flooding and locld Kfs flooding defines mod to strong pot alt. **Bio and Kfs are present as secondary minerals.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py+/-f.g. cpy stkwrk vns with light grey qtz alt halos comprise 3-5% of the unit. 1-3% later, f.g. qtz+/-f.g. py+f.g. cpy+/-						

Lions Gate Metals

Lions Gate Metals

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Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
421.52	438.81	w-m	w-m	w		vw?	Weak to mod prop alt defined by weakly sausseritized fsp phenos, chloritized gdmass and stkwrk alt halos.	421.52	438.81	fracs	50-60	3	
											35-40	2	
											65-70	1	
								421.52	438.81	vns	40-50	2	Later qtz and/or cal+/-py+/-cpy+/-mo vns
											30	1	
								438.56	438.81	ctc		grad	Lithological ctc, grad over 25cm. Appearance of bio phenos.
438.81	439.98			m	m-s	w	Mod pot alt defined by locld bio and kfs flooding of gdmass, secondary bio phenos and strong silicification.	439.98	440.03	ctc		grad	Lithological ctc, grad over 5cm. Disappearance of bio phenos.
439.98	445.90	w-m	w-m	w		vw?	Weak to mod prop alt defined by weakly sausseritized fsp phenos, chloritized gdmass and stkwrk alt halos.	439.98	445.90	fracs	50-60	1	
											75-90	1	
								439.98	445.90	vns	20-30	1	Later qtz and/or cal+/-py+/-cpy vns
								444.36	444.36	vn	10		2cm wide f.g. to m.g. hem-f.g. to m.g. py-f.g. cpy vn
								445.90	445.90	ctc		sharp	Sharp undulatory lithological ctc. Unit is weakly to mod

Lions Gate Metals

Hole ID: 11-PC-109			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
445.90	461.00	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	445.90	461.00				No visible mineralization save for 4mm wide f.g. cal-m.g. mo vn @ 458.59m.
			Similar to unit @ 377.61-379.14m. Dominantly bleached light tan-med brown-med brown grey, locally purple grey. Locld fsp phenos have itsl salmon pink-red min (Kfs?). Pink stained gdmass from 456.82-457.20 (weak Kfs flooding?). 1-4mm cal vns comprise 1% of the unit. Weak shearing defines a weak fol proximal to ctcs.						
461.00	477.96	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Strong Potassic Alteration	461.00	477.96	3-5	1	trace	F.g. to m.g. py, finely diss, in stkwrk and later gypsum/qtz vns. Diss py>>vns. F.g. to m.g. cpy, finely diss and in later gypsum/qtz vns, diss>>vns. F.g. mo, very locally in later gypsum/qtz vns. Sulfides are coarser in later vns.
			Massive, dark grey to grey black with v locld med green-grey sections. Gdmass is strongly silicified with perv bio flooding. Rare salmon pink Kfs bands. Weak to moderately magnetic. 35-40% fsp phenos 1-5mm in size, most commonly 3-5mm. Fsp phenos are predominantly light grey silicified ghost xls, locally white with perv sericite alt or light green and sausseritized. M.g. suh to euh bio phenos comprise 5% of the unit. **Bio and Kfs are secondary.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns comprise 3-5% of the unit. Stkwrk vns are obscured by the strong silicification. Later, 1-7mm f.g. to m.g. gypsum +/-f.g. cal+/-f.g. to m.g. py+/-f.g. to m.g. cpy+/-v.f.g. fl vns comprise 3-4% of the unit.Gypsum vns are most commonly 1-3mm, sul dominantly occur in >3mm vns. Later f.g. qtz+/-f.g. cal+/-f.g. to m.g. py+/- f.g. to m.g. cpy+/- f.g. gypsum+/- f.g. mo vns comprise 1-2% of the unit. Both types of later vns cut stkwrk and locally have salmon pink Kfs alt halos. Gypsum vns are dominantly randomly oriented in a stkwrk fashion, minor vns (1%) exhibit a preferred orientation. Gypsum vns v locally cut later qtz vns. 3% sericite coated/filled fracs.						
477.96	501.00	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Potassic Alteration	477.96	501.00	3	1	trace	F.g. to m.g. py, very finely diss, in stkwrk and later qtz/gypsum vns. Diss py>vns. F.g. to m.g. cpy, very finely
	EOH								

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													brecciated proximal to ctc. Few serpentine coated/filled
													fracs @ ctc.
445.90	461.00	w-m?	w				Sausseritized fsp phenos and clay/chl? alt of gdmass suggests mod propylitic alt.	445.90	461.00	fracs	50-60	3	
											35-40	2	
											70-90	<1	
								445.90	461.00	vns	40	<1	Cal vns
								445.90	447.70	fol	30-35	weak	Weak shearing defines a weak fol proximal to upper ctc.
								450.43	461.00	fol	20-30	weak	Weak shearing defines a weak fol proximal to lower ctc.
								461.00	461.00	ctc	25	sharp	Sharp planar lithological ctc
461.00	477.96	vw	w-m	s-vs	s-vs	w-m	Strong pot alt defined by strongly silicified, perv bio-locally Kfs flooded gdmass and weak to mod magnetism. Locld sericite coated frac planes and alt fsp phenos + silicification suggest locld mod phyllic alt overprint(?). V locld prop alt overprint defined by weakly sausseritized fsp phenos.	461.00	477.96	fracs	50-60	4	
											35-40	2	
											70-75	2	
								461.00	477.96	vns	20-30	2-3	Later qtz+/-cal+/-py+/-cpy+/-gypsum+/-mo vns.
								461.00	477.96	vns	20-50	1-2	Later gypsum+/-cal+/-py+/-cpy+/-fl vns. Vns are dom randomly oriented, locally show preferred orientation.
								477.46	477.96	ctc		grad	Lithological ctc, gradational over 50m. Defined by
													dec bio abundance.
477.96	501.00	vw	w-m	vw-w	vw-w	vw-w	Weak pot alt is defined by the secondary bio, silicified gdmass, Kfs alt halos and bnds and	477.96	501.00	fracs	50-60	4	
											30-35	2	

Lions Gate Metals

Lions Gate Metals

HOLE ID: 11-PC-109		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
30.00	33.00	3.00	3.03	101	0.22	7		casing
33.00	36.00	3.00	3.00	100	0.00	0		extremely fractured from 30 m th
36.00	39.00	3.00	3.00	100	0.00	0		
39.00	42.00	3.00	3.00	100	0.10	3		
42.00	45.00	3.00	3.00	100	0.00	0		
45.00	48.00	3.00	3.00	100	0.00	0		
48.00	51.00	3.00	3.00	100	0.00	0		
51.00	54.00	3.00	2.42	81	1.32	44		solid core begins @ 52.68 m
54.00	57.00	3.00	3.00	100	3.00	100		
57.00	60.00	3.00	3.00	100	2.94	98		
60.00	63.00	3.00	3.05	102	2.80	93		
63.00	66.00	3.00	2.54	85	1.86	62		core loss @ 64.40 - 65.00 m
66.00	69.00	3.00	2.81	94	2.36	79		core loss @ 66 m; fractured
69.00	72.00	3.00	2.20	73	1.14	38		
72.00	75.00	3.00	2.95	98	2.30	77		
75.00	78.00	3.00	1.40	47	0.25	8		fault zone @ 75.30 m, crumbly co
78.00	81.00	3.00	2.45	82	0.74	25		
81.00	84.00	3.00	2.52	84	1.60	53		
84.00	87.00	3.00	2.95	98	1.23	41		
87.00	90.00	3.00	2.40	80	1.40	47		
90.00	93.00	3.00	2.75	92	1.90	63		
93.00	96.00	3.00	2.41	80	1.08	36		
96.00	99.00	3.00	1.90	63	0.50	17		
99.00	102.00	3.00	2.30	77	1.70	57		
102.00	105.00	3.00	2.20	73	0.88	29		
105.00	108.00	3.00	2.10	70	0.68	23		
108.00	111.00	3.00	2.80	93	1.73	58		
111.00	114.00	3.00	3.02	101	2.67	89		
114.00	117.00	3.00	2.86	95	2.47	82		
117.00	120.00	3.00	2.88	96	1.17	39		
120.00	123.00	3.00	2.52	84	1.28	43		
123.00	126.00	3.00	3.00	100	1.20	40		
126.00	129.00	3.00	2.54	85	0.86	29		
129.00	132.00	3.00	2.53	84	0.85	28		
132.00	135.00	3.00	2.96	99	1.64	55		
135.00	138.00	3.00	2.56	85	0.87	29		
138.00	141.00	3.00	2.83	94	1.98	66		
141.00	144.00	3.00	2.93	98	2.30	77		
144.00	147.00	3.00	3.04	101	2.01	67		
147.00	150.00	3.00	2.79	93	1.76	59		
150.00	153.00	3.00	2.96	99	1.83	61		
153.00	156.00	3.00	2.80	93	1.50	50		
156.00	159.00	3.00	2.88	96	1.86	62		
159.00	162.00	3.00	2.99	100	1.68	56		
162.00	165.00	3.00	2.85	95	2.14	71		2.85 m run; drill spin at 164.29 m
165.00	168.00	3.00	2.89	96	2.51	84		2.89 m run; core loss at 165.60 m
168.00	171.00	3.00	3.02	101	2.55	85		
171.00	174.00	3.00	2.90	97	2.34	78		
174.00	177.00	3.00	2.97	99	2.50	83		
177.00	180.00	3.00	3.04	101	2.76	92		
180.00	183.00	3.00	2.80	93	1.78	59		
183.00	186.00	3.00	2.70	90	1.45	48		
186.00	189.00	3.00	2.88	96	2.22	74		
189.00	192.00	3.00	3.02	101	2.18	73		
192.00	195.00	3.00	2.81	94	2.17	72		
195.00	198.00	3.00	2.92	97	2.72	91		
198.00	201.00	3.00	2.94	98	2.60	87		
201.00	204.00	3.00	2.97	99	2.88	96		
204.00	207.00	3.00	2.95	98	2.74	91		

HOLE ID: 11-PC-109		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
207.00	210.00	3.00	3.00	100	1.70	57		
210.00	213.00	3.00	2.97	99	2.93	98		
213.00	216.00	3.00	2.98	99	1.73	58		
216.00	219.00	3.00	2.92	97	2.77	92		
219.00	222.00	3.00	3.04	101	3.04	101		
222.00	225.00	3.00	2.92	97	2.51	84		
225.00	228.00	3.00	2.93	98	2.21	74		
228.00	231.00	3.00	2.93	98	1.70	57		
231.00	234.00	3.00	2.75	92	0.81	27		
234.00	237.00	3.00	2.88	96	2.08	69		
237.00	240.00	3.00	2.85	95	2.48	83		
240.00	243.00	3.00	3.01	100	2.93	98		
243.00	246.00	3.00	2.89	96	2.83	94		
246.00	249.00	3.00	3.03	101	2.89	96		
249.00	252.00	3.00	3.02	101	2.97	99		
252.00	255.00	3.00	3.02	101	2.32	77		
255.00	258.00	3.00	2.93	98	2.66	89		
258.00	261.00	3.00	2.96	99	2.96	99		
261.00	264.00	3.00	3.01	100	2.95	98		
264.00	267.00	3.00	3.00	100	3.00	100		
267.00	270.00	3.00	3.00	100	3.00	100		
270.00	273.00	3.00	3.03	101	2.98	99		
273.00	276.00	3.00	3.00	100	3.00	100		
276.00	279.00	3.00	2.96	99	2.83	94		
279.00	282.00	3.00	3.00	100	2.95	98		
282.00	285.00	3.00	3.00	100	0.40	13		very fractured throughout run
285.00	288.00	3.00	2.76	92	1.23	41		
288.00	291.00	3.00	3.00	100	2.70	90		
291.00	294.00	3.00	3.03	101	2.21	74		
294.00	297.00	3.00	3.00	100	2.91	97		
297.00	300.00	3.00	2.98	99	2.98	99		
300.00	303.00	3.00	2.90	97	1.69	56		
303.00	306.00	3.00	3.00	100	1.93	64		
306.00	309.00	3.00	2.94	98	2.45	82		
309.00	312.00	3.00	2.98	99	2.86	95		
312.00	315.00	3.00	2.98	99	2.47	82		
315.00	318.00	3.00	3.00	100	2.73	91		
318.00	321.00	3.00	3.02	101	3.02	101		
321.00	324.00	3.00	3.00	100	2.67	89		
324.00	327.00	3.00	3.00	100	2.08	69		
327.00	330.00	3.00	3.00	100	2.65	88		
330.00	333.00	3.00	3.01	100	2.92	97		
333.00	336.00	3.00	3.00	100	2.97	99		
336.00	339.00	3.00	2.92	97	2.72	91		gouge @ 336.84m
339.00	342.00	3.00	2.98	99	2.75	92		
342.00	345.00	3.00	2.97	99	2.88	96		
345.00	348.00	3.00	3.00	100	1.94	65		gouge @ 346m
348.00	351.00	3.00	2.98	99	2.98	99		
351.00	354.00	3.00	2.75	92	1.40	47		gouge @ 352m
354.00	357.00	3.00	2.95	98	2.46	82		
357.00	360.00	3.00	3.02	101	2.67	89		
360.00	363.00	3.00	3.02	101	2.58	86		
363.00	366.00	3.00	3.00	100	2.87	96		
366.00	369.00	3.00	2.98	99	2.37	79		
369.00	372.00	3.00	3.04	101	3.04	101		
372.00	375.00	3.00	2.98	99	2.98	99		
375.00	378.00	3.00	2.98	99	2.78	93		
378.00	381.00	3.00	2.92	97	2.46	82		
381.00	384.00	3.00	3.02	101	3.02	101		

HOLE ID: 11-PC-109		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
384.00	387.00	3.00	3.00	100	3.00	100		
387.00	390.00	3.00	3.01	100	2.92	97		
390.00	393.00	3.00	3.00	100	3.00	100		
393.00	396.00	3.00	2.99	100	2.99	100		
396.00	399.00	3.00	2.98	99	2.95	98		
399.00	402.00	3.00	2.97	99	2.82	94		
402.00	405.00	3.00	3.03	101	3.05	102		
405.00	408.00	3.00	2.98	99	2.98	99		
408.00	411.00	3.00	3.01	100	2.97	99		
411.00	414.00	3.00	3.02	101	2.50	83		
414.00	417.00	3.00	2.92	97	2.89	96		
417.00	420.00	3.00	2.95	98	2.95	98		2.95 m run
420.00	423.00	3.00	3.04	101	2.98	99		
423.00	426.00	3.00	3.05	102	2.96	99		
426.00	429.00	3.00	3.06	102	3.00	100		
429.00	432.00	3.00	2.95	98	2.86	95		
432.00	435.00	3.00	2.97	99	2.88	96		
435.00	438.00	3.00	3.00	100	2.94	98		
438.00	441.00	3.00	2.99	100	2.99	100		
441.00	444.00	3.00	2.96	99	2.85	95		
444.00	447.00	3.00	2.99	100	2.87	96		
447.00	450.00	3.00	3.00	100	2.76	92		
450.00	453.00	3.00	2.98	99	2.96	99		
453.00	456.00	3.00	2.96	99	2.83	94		
456.00	459.00	3.00	3.01	100	2.78	93		
459.00	462.00	3.00	2.93	98	2.49	83		minor core loss
462.00	465.00	3.00	3.00	100	2.67	89		
465.00	468.00	3.00	3.01	100	2.66	89		
468.00	471.00	3.00	3.04	101	2.96	99		
471.00	474.00	3.00	3.05	102	3.05	102		
474.00	477.00	3.00	2.95	98	2.69	90		
477.00	480.00	3.00	3.04	101	2.48	83		
480.00	483.00	3.00	3.05	102	2.93	98		
483.00	486.00	3.00	2.96	99	2.54	85		
486.00	489.00	3.00	2.97	99	2.59	86		
489.00	492.00	3.00	3.03	101	2.71	90		
492.00	495.00	3.00	3.04	101	2.89	96		
495.00	498.00	3.00	2.97	99	2.63	88		
498.00	501.00	3.00	3.00	100	2.85	95		EOH

Hole ID: 11-PC-109		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124824	30.00	33.00	3.00		1
124825	33.00	36.00	3.00		1-2
124826	36.00	39.00	3.00		2-3
124827				Std CDN-CM-8	
124828	39.00	42.00	3.00		3-4
124829	42.00	45.00	3.00		4
124830	45.00	48.00	3.00		4-5
124831				Blank	
124832	48.00	51.00	3.00		5-6
124833	51.00	53.00	2.00		6-7
124834	53.00	56.00	3.00		7
124835	56.00	59.00	3.00		7-8
124836	56.00	59.00	3.00	Duplicate	7-8
124837	59.00	62.58	3.58		8-9
124838	62.58	65.58	3.00		9
124839	65.58	68.58	3.00		9-10
124840	68.58	71.58	3.00		10-11
124841	71.58	74.58	3.00		11
124842	74.58	77.58	3.00		11-12
124843	77.58	80.58	3.00		12-13
124844				Std CDN-CGS-27	
124845	80.58	83.58	3.00		13
124846	83.58	86.58	3.00		13-14
124847	86.58	89.58	3.00		14-15
124848	89.58	92.58	3.00		15-16
124849	92.58	95.58	3.00		16
124850	95.58	98.58	3.00		16-17
124851	98.58	101.58	3.00		17-18
124852	101.58	105.03	3.45		18
124853				Blank	
124854	105.03	108.03	3.00		18-19
124855	108.03	111.03	3.00		19-20
124856	111.03	114.03	3.00		20
124857	114.03	117.03	3.00		20-21
124858	117.03	120.03	3.00		21-22
124859	117.03	120.03	3.00		21-22
124860	120.03	122.66	2.63		22
124861	122.66	125.66	3.00		22-23
124862	125.66	128.66	3.00		23-24
124863	128.66	131.66	3.00		24
124864	131.66	134.66	3.00		24
124865	134.66	137.66	3.00		24-25
124866				Std CDN-CGS-27	
124867	137.66	140.66	3.00		26
124868	140.66	143.66	3.00		26-27
124869	143.66	146.66	3.00		27-28
124870	146.66	149.66	3.00		28
124871	149.66	152.66	3.00		28-29
124872				Blank	
124873	152.66	155.66	3.00		29-30
124874	155.66	158.66	3.00		30
124875	158.66	161.66	3.00		30-31
124876	161.66	164.66	3.00		31-32
124877	161.66	164.66	3.00	Duplicate	31-32
124878	164.66	167.66	3.00		32-33
124879	167.66	170.66	3.00		33
124880	170.66	172.33	1.67		33-34
124881	172.33	175.33	3.00		34

Hole ID: 11-PC-109		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124882	175.33	178.33	3.00		34-35
124883	178.33	181.33	3.00		35-36
124884	181.33	182.73	1.40		36
124885				Std CDN-CGS-27	
124886	182.73	185.73	3.00		36-37
124887	185.73	188.73	3.00		37
124888	188.73	191.73	3.00		37-38
124889				Blank	
124890	191.73	194.73	3.00		38-39
124891	194.73	197.73	3.00		39
124892	197.73	200.73	3.00		39-40
124893	200.73	201.81	1.08		40
124894	201.81	204.81	3.00		40-41
124895	204.81	207.08	2.27		41
124896	204.81	207.08	2.27	Duplicate	41
124897	207.08	209.64	2.56		41-42
124898	209.64	213.08	3.44		42-43
124899	213.08	216.08	3.00		43-44
124900	216.08	219.08	3.00		44
124901	219.08	222.08	3.00		44-45
124902	222.08	225.08	3.00		45-46
124903	225.08	228.08	3.00		46
124904	228.08	230.05	1.97		46-47
124905	230.05	233.05	3.00		47
124906	233.05	236.05	3.00		48
124907				Std CDN-CGS-27	
124908	236.05	237.23	1.18		48
124909	237.23	240.23	3.00		48-49
124910	240.23	243.23	3.00		49-50
124911				Blank	
124912	243.23	246.23	3.00		50
124913	246.23	249.23	3.00		50-51
124914	249.23	252.23	3.00		51-52
124915	252.23	255.23	3.00		52
124916	255.23	258.23	3.00		52-53
124917	258.23	261.23	3.00		53-54
124918	261.23	264.23	3.00		54
124919	261.23	264.24	3.01	Duplicate	54
124920	264.23	267.23	3.00		54-55
124921	267.23	270.23	3.00		55-56
124922	270.23	273.23	3.00		56
124923	273.23	276.23	3.00		56-57
124924	276.23	279.23	3.00		57-58
124925	279.23	282.23	3.00		58
124926				Std CDN-CGS-27	
124927	282.23	285.23	3.00		58-59
124928	285.23	288.23	3.00		59-60
124929	288.23	291.23	3.00		60
124930	291.23	294.23	3.00		60-61
124931	294.23	297.23	3.00		60-61
124932				Blank	
124933	297.23	300.23	3.00		61
124934	300.23	303.23	3.00		61-62
124935	303.23	306.23	3.00		63-64
124936	306.23	309.23	3.00		64-65
124937	306.23	309.23	3.00		64-65
124938	309.23	312.23	3.00		65
124939	312.23	315.23	3.00		65-66

Hole ID: 11-PC-109		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124940	315.23	318.23	3.00		66-67
124941	318.23	321.23	3.00		67
124942	321.23	324.23	3.00		67-68
124943	324.23	327.23	3.00		68-69
124944	327.23	330.23	3.00		69
124945	330.23	333.23	3.00		69-70
124946				Std CDN-CM-8	
124947	333.23	336.23	3.00		70-71
124948	336.23	339.23	3.00		71
124949	339.23	342.23	3.00		71-72
124950				Blank	
124951	342.23	345.23	3.00		72-73
124952	345.23	348.23	3.00		73-74
124953	348.23	351.23	3.00		74-75
124954	351.23	354.23	3.00		74-75
124955	354.23	357.23	3.00		75
124956	354.23	357.23	3.00	Duplicate	75
124957	357.23	360.23	3.00		75-76
124958	360.23	363.23	3.00		76-77
124959	363.23	366.23	3.00		77-78
124960	366.23	369.23	3.00		78
124961	369.23	372.23	3.00		78-79
124962	372.23	375.23	3.00		79-80
124963				Std CND-MoS-1	
124964	375.23	377.61	2.38		80
124965	377.61	379.14	1.53		80
124966	379.14	382.14	3.00		80-81
124967	382.14	385.14	3.00		81-82
124968	385.14	388.14	3.00		82
124969	388.14	391.14	3.00		82-83
124970				Blank	
124971	391.14	394.14	3.00		83-84
124972	394.14	397.14	3.00		84
124973	397.14	400.14	3.00		84-85
124974	397.14	400.14	3.00		84-85
124975	400.14	403.14	3.00		85-86
124976	403.14	406.14	3.00		86
124977	406.14	409.14	3.00		86-87
124978	409.14	412.14	3.00		87-88
124979	412.14	415.14	3.00		88
124980	415.14	416.29	1.15		88-89
124981	416.29	418.14	1.85		89
124982	418.14	421.52	3.38		89-90
124983	421.52	424.52	3.00		90
124984	424.52	427.52	3.00		90-91
124985	427.52	430.52	3.00		91-92
124986	430.52	433.52	3.00		92
124987				Std CDN-CGS-27	
124988	433.52	436.52	3.00		92-93
124989	436.52	438.57	2.05		94
124990	438.57	439.98	1.41		94
124991			0.00	Blank	
124992	439.98	442.98	3.00		94-95
124993	442.98	445.90	2.92		95
124994	445.90	448.90	3.00		95-96
124995	445.90	448.90	3.00	Duplicate	95-96
124996	448.90	451.90	3.00		96-97
124997	451.90	454.90	3.00		97

Hole ID: 11-PC-109		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
124998	454.90	457.90	3.00		97-98
124999	457.90	461.00	3.10		98-99
125000	461.00	464.00	3.00	EOH	99

2011 Poplar Drilling

Hole ID: 11-PC-110	Easting (NAD 83): 632004	Core Size: NQ	DDH Started: Oct 11 2011
	Northing (NAD 83): 5987116	Hole Azimuth: 180	DDH Finished: Oct 15 2011
Property: Poplar Deposit	Elevation: 890m	Hole Angle: -70	Log Completed: Oct 20 2011
	Source: GPS	Total Depth: 477.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Virginia Pohl, Amar
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-70.0
102.00	192.8	-70.9
201.00	199.0	-69.8
300.00	205.3	-69.1
351.00	210.9	-68.3
402.00	215.6	-67.5
477.00	220.0	-66.7

<p>Summary: This hole tests the northern arm of the 0.1% Cu shell and the northern extension of 11-PC-85. The hole consists of feldspar porphyritic quart monzonite with variable degrees of potassic alteration locally overprinted by weak to moderate propylitic alteration. The feldspar porphyritic quart monzonite commonly grades to a biotite-feldspar porphyritic quartz monzonite where secondary biotite is introduced by potassic alteration. Pervasive, moderate to strong, fault-related propylitic alteration is present at and proximal to fault zones at ~180m-210m and ~450m. At shallower depths, trace cpy appears to be restricted to later quartz/carbonate/gypsum veins. Below ~350m, chalcopyrite is disseminated and present in later quartz/carbonate/gypsum comprising trace to 1 percent of the units. The increase in chalcopyrite abundance is strongly correlated with an increase in strength and occurrence of potassically altered intervals. This hole significantly deviated from its initial azimuth of 180° to a final azimuth of 220°.</p>

Lions Gate Metals

Hole ID: 11-PC-110			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	18.00	Ovb	Casing, overburden						
18.00	74.65	Qtz Mnz	Fsp Porphyritic Qtz Monzonite	18.00	74.65	5	<<1	<<1	F.g. to m.g. py, finely diss, in stkwrk and later
			Few rolled/rounded boulder pieces with felsic vlc and xl tuff						dol/qtz/gypsum vns. Py also occurs as 3-6mm
			compositions at top 2cm of hole.						blebs from 18.00-74.65m. Diss and blebs>vns,
									py is coarser in vns and blebs. Py abundance
			Massive, light to med grey. 1-5mm white-light grey, anh to suh fsp						inc up to 7% locally. V locld trace cpy in later dol
			phenos comprise 40-45% of the unit. Fsp phenos are most commonly						vns. V locld trace mo in later dol vns.
			3-5mm and locally sericite+/-clay altered. The med grey gdmass is						
			weakly chl+/-clay altered from 18.00-45.45m and weakly silicified+/-	51.55	51.55	>90			9mm wide f.g. to m.g. suh py-f.g. anh qtz vn.
			chloritization from 45.35m to 74.65m. 2-4mm med grey						
			chl/clay altered mafic aggregates comprise 3-5% of the unit. The gdmass	52.75	52.75	>90			1.2cm wide f.g. to m.g. suh py-f.g. anh qtz vn.
			is v locally stained light pink (oxidation?, Kfs?, hem?).						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-4mm med						
			grey qtz alt halos comprise 3% of the unit. Rare (<1%) later, f.g. to m.g.						
			cream dol-f.g. qtz+/-f.g. gypsum+/-f.g. py+/-f.g. to m.g. light tan to dark						
			grey sph+/-f.g. cpy+/-v.f.g mo vns cut stkwrk vns. Later dol-qtz vns						
			locally exhibit open space filling text; dol+/-sul rims, qtz+/- gypsum						
			cores. 1-3mm later, randomly oriented f.g. gypsum+/- f.g. py vns						
			comprise 1-3% of the unit and cut stkwrk vns.						
74.65	92.19	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak to Weak Potassic Alt	74.65	92.19	5			F.g. to m.g. py, diss, in stkwrk and later gypsum/
									qtz vns. Diss py>vns, py coarser in later vns.
			Massive, variable color: light grey-pink grey-green grey. Vw to w pot						
			alt with mod silicification and locld prop alt. 2-4mm anh to suh, white						
			to light grey fsp phenos comprise 40-45% of the unit. Fsp phenos are						
			partially alt to sericite, locally weakly sausseritized and v pale green.						
			The gdmass is weakly to mod stained light to salmon pink (Kfs						
			flooding) and locally mod to strongly chloritized. 2-4mm med grey						
			chl/clay alt mafic (bio?) aggregates comprise 2-5% of the unit.						
			Fsp phenos are locally partially to completely alt to a pink mineral						
			(Kfs?).						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm med						
			grey f.g. qtz alt halos comprise 3% of the unit. Later, 0.2-2.2 cm f.g.						
			to m.g. gypsum+/-f.g. to m.g. py+/-f.g. qtz vns cut stkwrk. Later gypsum						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-110			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			vns are randomly oriented and comprise 1-3% of the unit. Rare (<1%)						
			later f.g. qtz+/-f.g. py vns cut stkwrk vns.						
92.19	213.94	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Variable Potassic Alteration	92.19	213.94	5	<<1		F.g. to m.g. py; diss, in stkwrk and later gypsum/
									qtz vns. Diss>vns, py is coarser in later vns.
			Massive, weak to mod potassic alt with locld very weak to weak						F.g. cpy very locally in later qtz vns.
			prop alt overprint. Color varies with degree and type of alteration;						
			dominantly light grey or brown grey, locally pink grey, green grey or	204.82	205.70	3-5	<1		F.g. to m.g. cpy in later qtz vns within fault zone.
			dark grey black. 2-5mm anh to suh fsp phenos comprise 40% of the unit.						
			Secondary bio comprises 5-7% of the unit, locally flooding the gdmass	212.16	212.16	>80			F.g. qtz-f.g. to m.g. py vn, 1.8cm wide.
			(2-3%) and as m.g. suh to euh phenos (3-5%).						
			Mod potassically alt intervals are brown grey with mod silicification						
			and locld partial bio flooding of gdmass. Kfs very locally floods the						
			gdmass, dominantly as vn alt halos. The intervals are not magnetic.						
			Fsp phenos most commonly occur as silicified ghost xls, less						
			commonly locally partially alt to sericite. 3-5% diss secondary bio						
			phenos.						
			Very weak to weakly potassically alt intervals are dominantly light						
			grey to pink grey with 5% secondary bio phenos. The gdmass is						
			locally stained light pink (weak Kfs flooding). Fsp phenos are						
			commonly partially to completely sericitized and locally light pink						
			(Kfs alt?). Bio phenos are locally alt to light tan shreddy, indistinct						
			relict xls.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns comprise 3-5% of						
			the unit. 0.2-2.3cm f.g. to m.g. gypsum +/- f.g. py+/-f.g. qtz vns						
			comprise 3% of the unit. Gypsum vns are most commonly 2-4mm						
			and cut stkwrk vns. Gypsum vns are dominantly randomly oriented,						
			locally cutting each other in a stkwrk fashion. Rare (<=1%) gypsum vns						
			show a preferred orientation. Rare (<1%) f.g. to m.g. qtz +/-f.g.to m.g.						
			py +/- f.g. to m.g. cal vns cut stkwrk. Later qtz vns are 0.3-2.1cm and						
			inc in abundance to 1-3% from 183.00m to base of unit. Gypsum vns						
			dec in abundance approaching base of unit.						
213.94	257.79	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak to Moderate Phyllic Alteration	213.94	257.79	5-7	<1	<<1	F.g. to m.g. py, diss, in stkwrk and later qtz/cal
									vns. Diss py>>vns, py coarser in vns. F.g. cpy, diss

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
92.19	123.15		vw	w-m	m	w-m	Brown grey, mod pot alt defined by mod silicification, locld bio and kfs flooding of gdmass. Weak prop overprint defined by locally weakly sausseritized fsp phenos.	92.19	213.94	fracs	50-60 70-80 35-40	2 1 <1	
								92.19	213.94	vns	50-65	≤1	Rare later gypsum vns with preferred orientation. Gypsum vns dominantly randomly oriented (1-3%).
123.15	191.13	vw	w-m	w	vw-w	vw-w	Very weak to weak pot alt defined by locld weak Kfs flooded gdmass and secondary bio phenos. Weak prop alt defined by locld weakly sausseritized fsp phenos and shreddy light tan relict bio phenos.	155.00	156.24	fault	15-20	weak	Weak faulting; weakly brecciated, few fracs with minor gouge.
								181.45	182.11	fault	20-30	strong	Strong fault zone; strongly brecciated with abnt clay rich gouge. Upper and lower ctcs 30 and 20 °tca respectively. Few 3-5mm dark grey shear bnds with 35-45°tca orientations.
191.13	213.94	vw	w	vw-w	w	vw	Light green grey to pale green. Locld vw-w pot alt with pervasive mod to strong prop overprint. Secondary bios are dominantly alt to light tan, shreddy, indistinct relict xls. Gdmass is dominantly perv weakly to mod chloritized with v locld weak Kfs flooding. Fsp phenos are most commonly sericitized, locally mod to strongly sausseritized. V.f.g to f.g. magnetite is v locally diss in gdmass. Fault zones @ 204.43-207.35m and 210.43-210.38m suggest prop alt is fault related.	203.43	207.35	fault	30-35	w-m	Weak to mod fault zone; mod to strongly broken core, weak to mod brecciation with minor, locally abnt clay rich gouge. Few gouge filled fracs with 30-35tca orientations.
								210.43	210.38	fault	30	strong	Strong fault zone; strongly brecciated with mod abnt clay rich gouge.
								211.94	213.94	ctc		grad	Lithological ctc, gradational over 2m. Defined by disappearance of secondary bio phenos (unaltered and alt relict xls) and dec in prop alt strength to vw.
213.94	257.79	vw	m-s		m-s	vw	Weak to mod phyllic alt defined by strongly sericitized fsp phenos, mod to strongly	213.94	257.79	fracs	50-60 35-45	3 2	

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-110			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with med grey qtz alt halos comprise 3% of the unit. 0.3-1.7cm wide f.g. to m.g. qtz and/or f.g. to m.g. cal+/-f.g. py+/-f.g. cpy vns comprise 1-2% of the unit and cut stkwrk vns. Qtz vns>cal vns. 2-4mm later, f.g. to m.g. gypsum+/-f.g. to m.g. py+/-v.f.g. fl (v locld) vns cut stkwrk. Gypsum vns are randomly oriented and comprise 1-3% of the unit.						
399.77	452.87	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Weak Potassic Alteration	399.77	452.87	3-5	1	<<1	F.g. to m.g. py, finely diss, in stkwrk and later qtz vns. Diss py~=vns. F.g. to m.g. cpy, v finely diss and in later vns, diss>vns. V.v.f.g. to v.f.g. mo v locally in later vns. Py and cpy are coarser in later vns.
			Massive, variable color: light grey-med pink grey-med grey. The gdmass is mod to strongly silicified with weak partial secondary Kfs flooding. Secondary bio v locally floods the gdmass. 2-5mm white-light grey-v light green fsp phenos comprise 40-45% of the gdmass. Fsp phenos are most commonly 2-3mm and partially altered to sericite+/-clay(?). Fsp phenos locally occur as light grey silicified ghost xls where silicification of gdmass is stronger +/-bio flooding. M.g. anh to suh secondary bio phenos comprise 5% of the unit. Bio phenos are commonly dark green black and chloritized. 1-3mm v.f.g dark grey black flecks of an unknown mineral (bio?, sul?) comprise 2-6% of the unit. The unit takes on a dirty, sooty appearance where the unknown mineral increases in abundance.	414.12	416.30	3-5	3-5		Locld in cpy abundance, up to 7-10 from 415.14-415.26m.
				419.96	419.96	>90	2-4		3mm wide vn with >90% f.g. to m.g. py, 2-4% f.g. to m.g. cpy.
				424.26	424.32	35		<<1	3.5cm wide f.g. to m.g. qtz-f.g. to m.g. py-v.f.g mo vn with 35% py.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with qtz alt halos comprise 3-5% of the unit. Later f.g. to m.g. qtz+/-f.g. to m.g. py+/-f.g. cpy+/-f.g. cal+/-f.g. dol+/-mo vns comprises 1-3% of the unit. Later qtz vns are 0.6-1.6cm wide and cut stkwrk.	445.86	445.86	>90	2-4		3mm wide vn with >90% f.g. to m.g. py, 2-4% f.g. to m.g. cpy.
				449.40	451.00	5-7			Few drusy text f.g. to m.g. qtz-f.g. cream dol-f.g to m.g. py-f.g. to m.g. steel grey mineral (tetra?)-f.g. to m.g. mo vns.
452.87	477.00	Qtz Mnz	Bio-Fsp Porphyritic Qtz Mnz with Weak Pot Alt and Mod Phyllic Overprint	452.87	477.00	1-3	<1		F.g. to m.g. py, diss and in later cal/qtz vns, diss>vns. F.g. cpy, very locally finely diss.
	EOH		Massive, med pink brown to light grey. Weak pot alt overprinted by mod phyllic alt locally overprinted by prop alt. Gdmass is strongly silicified w/ weak to mod secondary Kfs flooding +/- locld weak bio flooding. 2-6mm white to pale green, suh to euh fsp phenos comprise 40% of the unit. Fsp phenos are most commonly 3-5mm and strongly sericitized, locally weakly to mod sausseritized. M.g to c.g. black, suh to euh secondary						

Lions Gate Metals

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HOLE ID: 11-PC-110			Geotechnical Data 11-PC-110					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
18.00	21.00	3.00	2.35	78	0.00	0		highly fractured
21.00	24.00	3.00	3.03	101	0.12	4		highly fractured
24.00	27.00	3.00	3.04	101	0.34	11		highly fractured
27.00	30.00	3.00	3.00	100	0.23	8		highly fractured
30.00	33.00	3.00	3.01	100	0.26	9		highly fractured
33.00	36.00	3.00	2.90	97	0.33	11		highly fractured
36.00	39.00	3.00	2.99	100	1.19	40		
39.00	42.00	3.00	3.01	100	0.46	15		highly fractured
42.00	45.00	3.00	2.95	98	2.64	88		
45.00	48.00	3.00	2.93	98	2.56	85		
48.00	51.00	3.00	2.85	95	2.58	86		
51.00	54.00	3.00	2.99	100	2.75	92		
54.00	57.00	3.00	2.97	99	2.56	85		
57.00	60.00	3.00	3.00	100	2.86	95		
60.00	63.00	3.00	3.00	100	2.81	94		
63.00	66.00	3.00	3.02	101	2.72	91		
66.00	69.00	3.00	3.01	100	3.01	100		
69.00	72.00	3.00	3.02	101	2.73	91		
72.00	75.00	3.00	3.00	100	2.71	90		
75.00	78.00	3.00	3.02	101	2.83	94		
78.00	81.00	3.00	2.97	99	2.74	91		
81.00	84.00	3.00	2.98	99	2.86	95		
84.00	87.00	3.00	3.00	100	2.65	88		
87.00	90.00	3.00	2.96	99	2.72	91		
90.00	93.00	3.00	3.04	101	2.85	95		
93.00	96.00	3.00	2.97	99	2.90	97		
96.00	99.00	3.00	2.99	100	2.99	100		
99.00	102.00	3.00	2.95	98	2.95	98		
102.00	105.00	3.00	2.99	100	2.91	97		
105.00	108.00	3.00	3.09	103	3.04	101		
108.00	111.00	3.00	2.98	99	2.98	99		
111.00	114.00	3.00	3.00	100	2.59	86		
114.00	117.00	3.00	2.98	99	2.84	95		
117.00	120.00	3.00	3.01	100	2.78	93		
120.00	123.00	3.00	3.03	101	2.55	85		
123.00	126.00	3.00	2.96	99	2.42	81		
126.00	129.00	3.00	3.02	101	2.73	91		
129.00	132.00	3.00	3.03	101	2.49	83		
132.00	135.00	3.00	3.04	101	2.27	76		
135.00	138.00	3.00	2.97	99	2.84	95		
138.00	141.00	3.00	3.01	100	2.44	81		
141.00	144.00	3.00	2.98	99	2.60	87		
144.00	147.00	3.00	2.98	99	2.98	99		
147.00	150.00	3.00	3.02	101	2.69	90		
150.00	153.00	3.00	2.99	100	2.71	90		
153.00	156.00	3.00	2.96	99	2.67	89		
156.00	159.00	3.00	2.97	99	2.74	91		
159.00	162.00	3.00	3.05	102	2.45	82		
162.00	165.00	3.00	2.98	99	2.80	93		
165.00	168.00	3.00	3.01	100	2.42	81		
168.00	171.00	3.00	3.02	101	2.63	88		
171.00	174.00	3.00	2.94	98	2.94	98		
174.00	177.00	3.00	2.99	100	2.80	93		
177.00	180.00	3.00	3.00	100	2.27	76		
180.00	183.00	3.00	3.05	102	2.17	72		
183.00	186.00	3.00	2.98	99	2.19	73		
186.00	189.00	3.00	2.51	84	1.44	48		rounded core throughout run
189.00	192.00	3.00	3.04	101	2.43	81		
192.00	195.00	3.00	2.97	99	2.03	68		

195.00	198.00	3.00	3.06	102	2.31	77		
198.00	201.00	3.00	2.92	97	1.34	45		
201.00	204.00	3.00	3.03	101	2.34	78		
204.00	207.00	3.00	2.97	99	1.05	35		very crumbly core
207.00	210.00	3.00	2.97	99	2.25	75		
210.00	213.00	3.00	3.00	100	2.24	75		
213.00	216.00	3.00	2.95	98	1.94	65		
216.00	219.00	3.00	3.02	101	2.50	83		
219.00	222.00	3.00	2.98	99	2.61	87		
222.00	225.00	3.00	3.00	100	2.35	78		
225.00	228.00	3.00	2.99	100	2.63	88		
228.00	231.00	3.00	3.02	101	2.61	87		
231.00	234.00	3.00	2.98	99	2.43	81		
234.00	237.00	3.00	3.02	101	2.77	92		
237.00	240.00	3.00	2.98	99	2.16	72		
240.00	243.00	3.00	2.96	99	1.99	66		
243.00	246.00	3.00	3.03	101	1.82	61		
246.00	249.00	3.00	2.95	98	1.19	40		
249.00	252.00	3.00	3.05	102	1.38	46		
252.00	255.00	3.00	3.02	101	2.47	82		
255.00	258.00	3.00	3.05	102	2.19	73		
258.00	261.00	3.00	2.91	97	2.42	81		
261.00	264.00	3.00	3.02	101	2.67	89		
264.00	267.00	3.00	3.02	101	2.61	87		
267.00	270.00	3.00	3.01	100	2.75	92		
270.00	273.00	3.00	2.99	100	1.83	61		
273.00	276.00	3.00	2.99	100	2.37	79		
276.00	279.00	3.00	3.01	100	1.89	63		
279.00	282.00	3.00	2.96	99	2.45	82		
282.00	285.00	3.00	2.95	98	2.48	83		
285.00	288.00	3.00	2.98	99	2.59	86		
288.00	291.00	3.00	3.00	100	1.63	54		
291.00	294.00	3.00	3.00	100	3.00	100		
294.00	297.00	3.00	3.06	102	2.88	96		
297.00	300.00	3.00	2.83	94	2.46	82		
300.00	303.00	3.00	2.86	95	1.36	45		
303.00	306.00	3.00	2.96	99	2.72	91		
306.00	309.00	3.00	3.02	101	2.96	99		
309.00	312.00	3.00	2.95	98	2.35	78		
312.00	315.00	3.00	3.01	100	2.78	93		
315.00	318.00	3.00	3.03	101	3.03	101		
318.00	321.00	3.00	3.00	100	2.91	97		
321.00	324.00	3.00	2.98	99	2.81	94		
324.00	327.00	3.00	2.98	99	2.46	82		
327.00	330.00	3.00	3.05	102	2.96	99		
330.00	333.00	3.00	2.61	87	1.64	55		fractured throughout
333.00	336.00	3.00	2.71	90	1.68	56		fractured throughout
336.00	339.00	3.00	2.87	96	2.12	71		
339.00	342.00	3.00	2.65	88	2.55	85		
342.00	345.00	3.00	3.01	100	2.21	74		
345.00	348.00	3.00	3.00	100	2.54	85		
348.00	351.00	3.00	2.98	99	2.20	73		
351.00	354.00	3.00	2.96	99	2.62	87		
354.00	357.00	3.00	3.00	100	2.87	96		
357.00	360.00	3.00	3.00	100	2.66	89		
360.00	363.00	3.00	2.96	99	2.96	99		
363.00	366.00	3.00	3.06	102	2.83	94		
366.00	369.00	3.00	3.00	100	2.75	92		
369.00	372.00	3.00	3.06	102	2.85	95		
372.00	375.00	3.00	2.90	97	2.38	79		
375.00	378.00	3.00	2.94	98	2.70	90		

378.00	381.00	3.00	3.02	101	2.42	81		
381.00	384.00	3.00	3.04	101	2.75	92		
384.00	387.00	3.00	2.88	96	2.72	91		
387.00	390.00	3.00	2.93	98	2.27	76		
390.00	393.00	3.00	2.95	98	2.54	85		
393.00	396.00	3.00	3.02	101	2.94	98		
396.00	399.00	3.00	2.95	98	2.74	91		
399.00	402.00	3.00	2.96	99	2.43	81		
402.00	405.00	3.00	2.90	97	2.31	77		
405.00	408.00	3.00	3.00	100	2.60	87		
408.00	411.00	3.00	2.98	99	2.52	84		
411.00	414.00	3.00	2.91	97	2.25	75		fault @ 411.24-411.62
414.00	417.00	3.00	2.98	99	2.58	86		
417.00	420.00	3.00	3.03	101	2.23	74		
420.00	423.00	3.00	2.97	99	2.48	83		
423.00	426.00	3.00	3.02	101	2.50	83		
426.00	429.00	3.00	2.99	100	2.37	79		
429.00	432.00	3.00	2.97	99	2.71	90		
432.00	435.00	3.00	3.00	100	2.66	89		
435.00	438.00	3.00	3.02	101	2.84	95		
438.00	441.00	3.00	3.02	101	2.19	73		
441.00	444.00	3.00	2.97	99	2.77	92		
444.00	447.00	3.00	3.00	100	2.39	80		
447.00	450.00	3.00	3.04	101	2.47	82		
450.00	453.00	3.00	2.94	98	2.05	68		
453.00	456.00	3.00	3.04	101	2.95	98		
456.00	459.00	3.00	2.98	99	2.87	96		
459.00	462.00	3.00	3.00	100	2.96	99		
462.00	465.00	3.00	3.05	102	2.50	83		
465.00	468.00	3.00	3.00	100	2.91	97		
468.00	471.00	3.00	3.00	100	2.95	98		
471.00	474.00	3.00	2.97	99	2.90	97		
474.00	477.00	3.00	3.07	102	3.07	102		EOH

Hole ID: 11-PC-110		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125017	18.00	21.00	3.00		1
125018	21.00	24.00	3.00		1-2
125019	24.00	27.00	3.00		2-3
125020	27.00	30.00	3.00		3
125021	30.00	33.00	3.00		3-4
125022	33.00	36.00	3.00		4-5
125023				Std CDN-CGS-27	
125024	36.00	39.00	3.00		5
125025	39.00	42.00	3.00		5-6
125026	42.00	45.00	3.00		6-7
125027	45.00	48.00	3.00		7
125028				Blank	
125029	48.00	51.00	3.00		7-8
125030	51.00	54.00	3.00		8-9
125031	54.00	57.00	3.00		9
125032	57.00	60.00	3.00		9-10
125033	60.00	63.00	3.00		10-11
125034	63.00	66.00	3.00		11
125035	63.00	66.00	3.00	Duplicate	11
125036	66.00	69.00	3.00		11-12
125037	69.00	72.00	3.00		12-13
125038	72.00	74.65	2.65		13
125039	74.65	77.65	3.00		13-14
125040	77.65	80.65	3.00		14
125041	80.65	83.65	3.00		14-15
125042	83.65	86.65	3.00		15-16
125043	86.65	89.65	3.00		16
125044	89.65	92.19	2.54		16-17
125045	92.19	95.19	3.00		17-18
125046	95.19	98.19	3.00		18
125047				Std CDN-CM-8	
125048	98.19	101.19	3.00		17-18
125049	101.19	104.19	3.00		19-20
125050	104.19	107.19	3.00		20
125051	107.19	110.19	3.00		20-21
125052				Blank	
125053	110.19	113.19	3.00		21-22
125054	113.19	116.19	3.00		22-23
125055	116.19	119.19	3.00		22-23
125056	116.19	119.19	3.00	Duplicate	22-23
125057	119.19	122.19	3.00		23-24
125058	122.19	125.19	3.00		24
125059	125.19	128.19	3.00		24-25
125060	128.19	131.19	3.00		25-26
125061	131.19	134.19	3.00		26
125062	134.19	137.19	3.00		26-27
125063	137.19	140.19	3.00		27-28
125064	140.19	143.19	3.00		28
125065	143.19	146.19	3.00		28-29
125066	146.19	149.19	3.00		29-30
125067	149.19	152.19	3.00		30
125068				Std CDN-CGS-27	
125069	152.19	155.19	3.00		30-31
125070	155.19	158.19	3.00		31-32
125071	158.19	161.19	3.00		32
125072	161.19	164.19	3.00		32-33
125073				Blank	
125074	164.19	167.19	3.00		33-34

Hole ID: 11-PC-110		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125075	167.19	170.19	3.00	Duplicate	34
125076	167.19	170.19	3.00		
125077	170.19	173.19	3.00		34-35
125078	173.19	176.19	3.00		35-36
125079	176.19	179.19	3.00		36
125080	179.19	182.19	3.00		36-37
125081	182.19	185.19	3.00		37-38
125082	185.19	188.19	3.00		38
125083	188.19	191.19	3.00		38-39
125084				Std CDN-CGS-27	
125085	191.19	194.19	3.00		39-40
125086	194.19	197.19	3.00		40
125087	197.19	200.19	3.00		40-41
125088	200.19	203.19	3.00		41-42
125089	203.19	206.19	3.00		42-43
125090	206.19	209.19	3.00		42-43
125091	209.19	212.19	3.00		43-44
125092				Blank	
125093	212.19	213.94	1.75		44
125094	213.94	216.94	3.00		44-45
125095	216.94	219.94	3.00		45
125096	219.94	222.94	3.00	Duplicate	45-46
125097	219.94	222.94	3.00		45-46
125098	222.94	225.94	3.00		46-47
125099	225.94	228.94	3.00		47
125100	228.94	231.94	3.00		47-48
125101	231.94	234.94	3.00		48-49
125102	234.94	237.94	3.00		49
125103	237.94	240.94	3.00		49-50
125104	240.94	243.94	3.00		50-51
125105	243.94	246.94	3.00		51
125106				Std CDN-CGS-27	
125107	246.94	249.94	3.00		51-52
125108	249.94	252.94	3.00		52-53
125109	252.94	255.94	3.00		53-54
125110				Blank	
125111	255.94	257.79	1.85		54
125112	257.79	260.79	3.00		54-55
125113	260.79	263.79	3.00		55
125114	263.79	266.79	3.00		55-56
125115	266.79	269.79	3.00		56-57
125116	269.79	272.79	3.00		57
125117	272.79	275.79	3.00		57-58
125118	275.79	278.79	3.00		57-58
125119	275.79	278.79	3.00		57-58
125120	278.79	281.79	3.00		59
125121	281.79	284.79	3.00		59-60
125122	284.79	287.79	3.00		60-61
125123	287.79	290.97	3.18		61
125124	290.97	293.97	3.00		61-62
125125				Std CDN-CGS-27	
125126	293.97	296.97	3.00		62-63
125127	296.97	299.97	3.00		63
125128	299.97	301.30	1.33		63-64
125129	301.30	304.30	3.00		64-65
125130	304.30	307.30	3.00		65
125131				Blank	
125132	307.30	310.30	3.00		65-66

Hole ID: 11-PC-110		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125133	310.30	313.30	3.00		66-67
125134	313.30	316.30	3.00		67
125135	316.30	319.30	3.00		67-68
125136	319.30	322.30	3.00		68-69
125137	322.30	325.30	3.00		69
125138	322.30	325.30	3.00	Duplicate	69
125139	325.30	326.97	1.67		69-70
125140	326.97	329.97	3.00		70
125141	329.97	330.71	0.74		70-71
125142	330.71	333.71	3.00		71
125143	333.71	336.71	3.00		71-72
125144	336.71	339.71	3.00		72-73
125145	339.71	342.71	3.00		73
125146				Std CDN-FCM-7	
125147	342.71	345.71	3.00		73-74
125148	345.71	348.71	3.00		74-75
125149	348.71	351.71	3.00		75
125150	351.71	354.71	3.00		75-76
125151	354.71	357.86	3.15		76-77
125152	357.86	360.86	3.00		77
125153				Blank	
125154	360.86	363.86	3.00		77-78
125155	363.86	366.86	3.00		78-79
125156	366.86	369.86	3.00		79-80
125157	369.86	372.86	3.00		79-80
125158	369.86	372.86	3.00	Duplicate	79-80
125159	372.86	375.86	3.00		80-81
125160	375.86	378.86	3.00		81-82
125161	378.86	381.86	3.00		82-83
125162	381.86	384.86	3.00		82-86
125163	384.86	387.86	3.00		83
125164	387.86	390.86	3.00		83-84
125165				Std CDN-FCM-7	
125166	390.86	393.86	3.00		84-85
125167	393.86	396.86	3.00		85-86
125168	396.86	399.77	2.91		86
125169	399.77	402.77	3.00		86-87
125170	402.77	405.77	3.00		87
125171				Blank	
125172	405.77	408.77	3.00		87-88
125173	408.77	411.77	3.00		88-89
125174	411.77	414.77	3.00		89
125175	411.77	414.77	3.00		89
125176	414.77	417.77	3.00		89-90
125177	417.77	420.77	3.00		90-91
125178	420.77	423.77	3.00		91
125179	423.77	426.77	3.00		91-92
125180	426.77	427.50	0.73		92
125181	427.50	429.77	2.27		92-93
125182	429.77	432.77	3.00		93
125183	432.77	435.77	3.00		93-94
125184	435.77	438.77	3.00		94-95
125185	438.77	441.77	3.00		95
125186				Std CDN-CGS-27	
125187	441.77	444.77	3.00		95-96
125188	444.77	447.77	3.00		96-97
125189	447.77	450.77	3.00		97
125190	450.77	452.87	2.10		97-98

Hole ID: 11-PC-110		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125191	452.87	455.87	3.00		98-99
125192	455.87	458.87	3.00		99
125193				Blank	
125194	458.87	461.87	3.00		99-100
125195	461.87	464.87	3.00		100-101
125196	464.87	467.87	3.00		101
125197	464.87	467.87	3.00	Duplicate	101
125198	467.87	470.87	3.00		101-102
125199	470.87	473.87	3.00		102-103
125200	473.87	477.00	3.13	EOH	103

2011 Poplar Drilling

Hole ID: 11-PC-111	Easting (NAD 83): 632389	Core Size: NQ	DDH Started: October 15
	Northing (NAD 83): 5986708	Hole Azimuth: 000	DDH Finished: October 19
Property: Poplar Deposit	Elevation: 887m	Hole Angle: -70	Log Completed: Oct 29 2011
	Source: GPS	Total Depth: 498.00m	Analysis by: ACME

Logged by: C.Knight/A.Ross
Geotechnician: V.Pohl, A.Clayton,
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	0.0	-70.0
102.00	3.1	-70.9
201.00	7.8	-70.7
300.00	14.5	-69.8
402.00	21.6	-69.0
490.00	22.8	-68.7

<p>Summary: The lithology in 11-PC-111 (PDH-II) varies regularly between Volc Sediments and variations of Feldspar Porphyritic Quartz Monzanite. These two units are then cut by later dykes of qtz eye rhyolite, int to mafic fine grained dykes and post mineralized feldspar porphyritic qtz monzanite, these dykes commonly occur along contacts. Pyrite mineralization is evident throughout the hole while cpy is not commonly observed until around 200m depth down through to the bottom of the hole at 498.00m. The hole was designed to test the southern margin of the east zone, The hole contained nice mineralization at depth and should add value to the deposit.</p>

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	9.00	Ovb	Casing, overburden.						
9.00	22.97	QFPP Dyke	Qtz-Fsp Porphyritic Dyke	9.00	22.97				No visible mineralization.
			Purple red to med purple grey with bleached cream to light tan intervals.						
			Bleached intervals are locally abundant in small lengths generating a psuedo-						
			banded effect. 2-3mm anh to suh qtz phenos comprise 3-5% of the unit. 2-4mm						
			ivory anh fsp phenos comprise 5-7% of the unit. Fsp phenos are commonly v						
			irregular in form and partially alt to clay/sericite. An unknown v.f.g. to						
			f.g. salmon pink mineral (Kfs?) is locally diss in the gdmass and itsl within fsp						
			phenos.						
			Minor (<1%) randomly oriented 1-2mm red hem veinlets from 17.07-20.10m. Rare						
			(<1%) sericite+/- dol coated fracs.						
22.97	64.28	Vlc Sed	Volcanic Sediment	22.97	64.28	3-5			F.g. to m.g. py, finely diss, in stkwrk and later vns;
									vns>diss. Py is coarser in later vns.
			Massive, olive to brown gray grading to dark green at base of the unit. V.f.g. to						
			f.g. eggr chl+/-clay alt gdmass. 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns						
			with med grey to green grey chl alt halos comprise 5% of the unit. 2-7mm later, f.g.						
			to m.g. dol and/or f.g. qtz+/-f.g. to m.g. py vns cut stkwrk vns. Later vns comprise 1%						
			of the unit and commonly exhibit drusy texts. Rare (<<1%) 1-2mm f.g. to m.g.						
			mag+/-v.f.g. dol-qtz vns. Mod abundant sericite coated frac planes.						
			34.44-36.14m: Med green aphyric dyke. Appears compositionally similar to qtz						
			mnz. F.g. strongly chloritized gdmass. Few 1-2mm f.g. mag vns, mag also locally						
			diss within gdmass. Few partially digested vlc sed xenoliths. Few 3-15cm wide						
			similar dyklets in vlc sed from 33.43-34.44m.						
			44.90-48.29m: Breccia vns (dyke?). Subrnd to subang vlc sed clasts with (partially						
			digested xenoliths?). Felsic f.g strongly chloritized matrix with 1-2mm fsp phenos						
			and locally abundant f.g. magnetite blebs and pods+/-f.g. cream sph. Matrix						
			appears compositionally similar to fsp pph qtz mnz.						
64.28	77.92	Qtz Mnz?	Aphyric Felsic Volcanic (Qtz Monzonite?)	64.28	77.92	5			V.f.g to f.g. py, very finely diss and in later vns, diss>vns.
			Massive, green to green grey. Compositionally appears similar to qtz monzonite.						
			Gmdass is f.g., eggr and perv chloritized. 3-6mm green mafic aggregates generates						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
9.00	22.97	m	m				Mod prop+/-arg(?) alt suggested by clay/sericite	9.00	22.97	fracs	50-65	2	
							alt fsp phenos, sericite+/-dol coated fracs and				70	1	
							locally bleached intervals.						
								22.97	22.97	ctc	70	sharp	Sharp lithological ctc. 2.5m fault zone in next unit at ctc.
22.97	49.28	w-m	m				Olive to brown grey. Weak prop alt defined by	29.81	33.43	BZ		strong	Broken zone, strongly fractured core
							stkwrk vn chl alt halos and carbonate (dol)						
							dominance in later vns.	22.97	64.28	fracs	50-60	3	Locld broken zones, frac abundance estimates may be
											35-40	2	skewed as a result.
											70-80	2	
49.28	64.28	w	w	m			Dark green and dark purple grey black. Mod						
							potassic alt with mod prop alt overprint. Dark	22.97	64.28	vns	10-20	1	Later dol and/or qtz+/-f.g. py vns
							green sections are strongly chloritized. Dark						
							purple grey sections are mod to strongly bio	22.97	25.45	fault	15-20	strong	Strong fault zone; clay rich gouge with a few dark grey
							flooded+/- weak magnetic.						clay shear planes 15-20tca from 22.97-23.93m. Mod to
													strong brecciation +/- minor to mod clay rich gouge from
													23.93-25.45m.
								64.28	64.28	ctc	60	sharp	Sharp planar lithological ctc.
64.28	77.92	w					Strong prop alt defined by perv chloritization	64.28	77.92	fracs	55-65	2	
							and carbonate dominant later vns.				20-30	<1	
								64.28	77.92	vns	10-30	<1	

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			comprise 1-3% of the unit and locally generates a mottled text. Later, 2-4mm f.g. to m.g. cal and/or f.g. to m.g. dol+/-f.g. qtz+/-f.g. py vns comprise <1% of the unit.						
			Later vns locally exhibit drusy texts. Rare locld 1mm magnetite vns. Few dark grey clay coated shear planes +/- striations. Strong prop alt defined by perv chloritization and carbonate dominant later vns.						
77.92	84.82	Vlc Sed	Volcanic Sediment with Mod to Strong Propylitic Alteration	77.92	84.82	3			F.g. py, diss, in stkwrk and later cal/qtz vns, vns>diss.
			Massive, med green brown to olive. V.f.g eggr strongly chloritized gdmass. 1-2mm randomly oriented f.g. qt-f.g. py stkwrk vns comprise 5% of the unit. Rare (<1%) later, f.g. to cal-f.g. qtz-f.g. py+/-f.g. magnetite vns cut stkwrk.						
84.82	96.00	Qtz Mnz?	Fsp Porphyritic Qtz Monzonite(?) with Strong Propylitic Alteration	84.82	96.00	3-5			F.g. py, diss and in vns, diss~=vns.
			Massive, green grey to brown grey. The gdmass is f.g. and mod to strongly alt to chl+/-clay. 1-3mm white, anh, locally sericitized fsp phenos comprise 25-30% of the unit. Fsp phenos are less apparent in sections of stronger chl+/-clay alt of gdmass but are still present. 2-4mm dark green chl altered mafics/mafic aggregates (alt secondary bio?) comprise 10-15% of the unit and locally generate a spotted text. The gdmass is clearly felsic in lesser alt sections, suggesting this unit is a compositionally equivalent, finer grained version of the pph qtz mnz.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns comprise 3% of the unit. Later, 1-4mm f.g. to m.g. gypsum+/- f.g. cal+/-f.g. py vns comprise 1% o f the unit. Later gypsum vns are randomly oriented, cut qtz-py stkwrk vns and v locally cut each other in a stkwrk fashion.						
96.00	108.92	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	96.00	108.92	3-5			F.g. to m.g. py, diss, in stkwrk and later qtz vns. Diss py>vns, py is coarser in later vns.
			Massive, light olive-med brown grey-light brown. V.f.g equigranular gdmass with weak to mod chl alt. 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-4mm med grey chl alt halos comprise 5% of the unit. Later 1-9mm f.g. to m.g. qtz+/-f.g. to m.g. py+/-f.g. cal vns cut stkwrk vns. Later qtz vns are randomly oriented, comprise 1-2% of the unit and are locally vuggy. Rare (1%) aphyric						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			volcanic dykes similar to unit described @ 64.28-77.92m cut the unit. Dykes are most commonly 7-12cm with sharp ctcs. The longest dyke occurs at 102.72-103.51m and has a 2cm wide f.g. to m.g. py-f.g. qtz vn with >85% py. Few frac planes with partial sericite coatings.						
108.92	116.24	Qtz Mnz?	Fsp Porphyritic Qtz Monzonite(?) with Strong Propylitic Alteration	108.92	116.24	3-5			F.g. py, diss and in vns, diss~vns.
			Similar to unit described @ 84.82-96.00m. 1-2mm randomly oriented f.g. mag-f.g. hem stkwrk vns comprise 2% of the unit from 112.57-112.93m.						
116.24	134.30	QFPP Dyke	Qtz-Fsp Porphyritic Dyke (RDDK?)	116.24	134.30				No visible mineralization.
			Dominantly bleached med purple grey grading to maroon approaching ctcs. 2-6mm white to ivory, anh fsp phenos comprise 7% of the unit. Fsp phenos commonly have irregular forms and are partially alt to clay+/-sericite. Fsp phenos locally have inclusions and/or rims of an unknown salmon pink to pink red mineral (Kfs alt?, hem?). 3-5% anhsmony qtz phenos are 2-4mm in size. The gdmass is soft for an unit of igneous comp (=clay alteration of gdmass?). 0.8-2.1cm light to med grey rnd to sunrnd alt xenoliths of apparent felsic comp occur locally (<<1% overall). F.g. euh, ivory to pale yellow-white fsp phenos are itsl within gdmass and define a weak foliation. The foliation is strongest proximal to upper and lower ctcs. Mod brecciation and weak shearing are present at both ctcs. Very rare (<1%) 1-3mm f.g. qtz+/-f.g. dol+/-f.g. sericite vns. Few frac planes partially coated with sericite.						
134.30	138.32	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	134.30	138.32	3			F.g. to m.g. py, diss, in stkwrk and later qtz vns. Diss py>vns, py coarser in later vns.
			Similar to unit described at 96.00-108.92m. Aphyric felsic volcanic dykes absent. Later qtz vns locally have f.g. magnetite+/-v.f.g. hem+/-v.f.g. to f.g. pink-red unknown mineral (altered hem?, Kfs?). Mod abnt clay+/-sericite coated/filled fracs.						
138.32	140.51	Qtz Mnz	Fsp Porphyritic Qtz Monzonite Dyke	138.32	140.51	1-3	<<1		F.g. py, diss and in vns, diss>vns. F.g. cpy v locally in later qtz vns.
			Massive, med grey to light grey. 2-6mm white to light grey anh to suh fsp phenos comprise 40-45% of the unit. Fsp phenos are most commonly 3-5mm and altered to clay+/-sericite. Locld m.g. suh to euh bio phenos comprise 1% of the unit.						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			1-2mm randomly oriented f.g. qtz-f.g py stkwrk vns with 2-4mm med grey chl alt halos comprise 1-3% of the unit. 1% later, randomly oriented 0.2-1.0cm f.g. to m.g. qtz+/-f.g. py+/-f.g. to m.g. magnetite+/-f.g. hem+/- f.g. cpy vns cut stkwrk vns. Two enclaves compositionally equivalent to pph qtz monzonite but finer grained are present at top of unit, 4 and 9cm across.						
140.51	141.33	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	140.51	141.33	1-3			F.g. py, diss and in vns, diss>vns.
			Similar to unit described at 96.00-108.92m. Aphyric felsic volcanic dykes absent. Olive to light olive grey. F.g. mag+/-f.g. hem locally in later qtz vns.						
141.33	142.59	Qtz Mnz	Fsp Porphyritic Qtz Monzonite Dyke	141.33	142.59	1-3			F.g. py, diss and in vns, diss>vns.
			Similar to dyke described at 138.32-140.51m. Stkwrk vns and later qtz vns absent.						
142.59	143.49	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	142.59	143.49	1-3			F.g. py, diss and in vns, diss>vns.
			Similar to unit described at 96.00-108.92m. Aphyric felsic volcanic dykes absent. Olive to light olive grey. F.g. mag+/-f.g. hem locally in later qtz vns. Strongly magnetic at upper etc.						
143.49	144.60	Qtz Mnz	Fsp Porphyritic Qtz Monzonite Dyke	143.49	144.60	1-3			F.g. py, diss and in vns, diss>vns.
			Similar to dyke described at 138.32-140.51m. Mag and hem absent in later stkwrk vns.						
144.60	166.95	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	144.60	166.95	3-5			V.f.g. to f.g. py, diss, in stkwrk and later qtz vns. Diss>vns, py is coarser in later vns.
			Similar to unit described at 96.00-108.92m. Aphyric felsic volcanic dykes absent. F.g. magnetite+/-f.g. hem locally in later qtz vns. Mod sercite+/-clay coated/filled fracs. Secondary bio v locally floods gdmass (<3% overall). Later qtz vns show preferred orientation tca.						
			145.05-145.39m: Matrix supported, mod brecciation, ang vlc sed clasts, f.g. qtz-f.g. cal matrix.						
			161.19-161.66m: Mod brecciation, clast supported.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
140.51	141.33	m	w				Weak prop alt defined by the weak to mod chl alt gdmass and stkwrk vn chl alt halos.	141.33	141.33	~90	ctc	sharp	Sharp planar lithological etc.
141.33	142.59	m-s	m	w			Clay+/-sericite alt fsp phenos suggest weak argillic alt.	142.59	142.59	ctc		sharp	Sharp undulatory lithological etc.
142.59	143.49	m	w				Weak prop alt defined by the weak to mod chl alt gdmass and stkwrk vn chl alt halos.	143.49	143.49	ctc	60	sharp	Sharp planar lithological etc.
143.49	144.60	m-s	m	w			Clay+/-sericite alt fsp phenos suggest weak argillic alt.	143.49	144.60	ctc	15	sharp	Sharp planar lithological etc.
144.60	166.95	w	w	w			Weak prop alt defined by the weak to mod chl alt gdmass and stkwrk vn chl alt halos. Weak secondary bio flooding and mag vns suggests weak, locld pot alt.	144.60	166.95	fracs		7-10	Fracs are randomly oriented, locld strongly frac sections.
								144.60	166.95	vns	20-35	1-2	Later qtz+/-py+/-cal vns
								153.65	155.91	fault		m-s	Mod to strong fault zone. Interval is strongly fractured w mod brecciation.
								159.21	159.48	fault	40	strong	Strong fault. Very strong brecciation with mod gouge. Unit is strongly fractured for ~50cm above and below fault.
								166.95	166.95	ctc	40	Sharp	Sharp planar lithological etc. 15 fault wit strong

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			166.34m: Few 0.5-1.5cm f.g. to m.g. qtz-f.g. py vns with m.g. to c.g. anh itsl xls of unknown light pink mineral. Unknown mineral relatively soft (H<4, alt apatite?, Kfs?).						
166.95	179.91	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite Weak Potassic Alteration	166.95	179.91	1-3			F.g. to m.g. py, diss, in stkwrk and later cal vns. Diss~=vns, py is coarser in later vns.
			Massive, light to med grey salt and pepper appearance. 2-6mm suh to euh white fsp phenos comprise 40% of the unit. Fsp phenos are strongly sericitized and most commonly 3-5mm. 1-3mm black suh to euh secondary bio phenos comprise 5-7% of the unit. Secondary bio phenos are mod altered to light tan relict xls from 166.95-169.37m. Locld sections of gdmass are dark grey, very weakly to weakly magnetic and partially flooded with secondary bio. Secondary Kfs is absent. Weak silicification from 166.95-170.45m. Weak potassic alt defined by secondary bio phenos, locld weak magnetism and weak secondary bio flooding of gdmass. The strongly sericitized fsp phenos suggest a weak phyllic overprint.	172.15	172.16	75			4cm later f.g. qtz-f.g. to c.g. py vn with 75% py.
			1-2mm andomly oriented f.g. tz-f.g. py stkwrk vns are rare to absent (≤1%) and most commonly present at top of unit. Later, 0.3-1.0cm f.g. to m.g. cal+/-f.g. qtz+/-f.g. py vns comprise 1% of the unit. Later vns cut stkwrk (where present) and locally exhibit a drusy text.						
179.91	190.55	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	179.91	190.55	1-3		<<1	F.g. py, diss and in vns, diss~=vns. F.g. to v.f.g. mo v locally in later dol-qtz-sph vns.
			Massive, light grey to med grey. 1-5mm white to light grey, anh to suh fsp phenoa comprise 40% of the unit. Fsp phenos are partially altered to sericite+/-clay and most commonly 1-3mm. 1-3mm secondary suh to euh bio phenos strongly altered to light tan, relict xls comprise 5% of the unit. The gdmass is weakly chloritized+/-clay.	182.00	183.00	1-3		<1	F.g. to v.f.g. mo in breccia vns and later qtz vns.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm chl alt halos are rare, comprising 1% of the unit. Later 2-3mm f.g. to m.g. cream dol-f.g. qtz+/-f.g. py+/-f.g. sph+/-f.g. to v.f.g. mo vns cut stkwrk. Later dol-qtz vns comprise <1% of the unit and are locally present proximalt to faulting/brecciation @ 182.00-183.00m (described below).						
			182.00-183.00m: Mod strong fault zone. Very strong brecciation with mod clay rich gouge and 2mm thick dark grey clay shear plane from 182.00-182.10m. Matrix supported breccia with rebrecciated ang to sub ang fsp pph qtz mnz clsts						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			and strongly silicified matrix from 182.10-183.73m. Later f.g. qtz-f.g. py-v.f.g. to f.g. mo vns are truncated and broken by f.g. to m.g. qtz-f.g. cream dol-f.g. py+/-f.g. to m.g. sph+/-f.g. to m.g. mo+/-f.g. cal breccia vns with locally vuggy texts.						
190.55	195.54	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	190.55	195.54	3			F.g. py, diss, in stkwrk and later dol vns.
			Massive, pale olive to green brown. V.f.g. with perv chl+/-clay alt. 1-2mm randomly oriented f.g. qtz-f.g. py stockwork vns with 2-4mm green grey chl alt halos comprise 5-7% of the unit. Mod to strongly fractured from 192.00-193.34m with minor (<1%) 1-3mm f.g. cream dol-f.g. py-f.g. to m.g. dark grey black sph-f.g. cpy+/-f .g. qtz vns. Later dol vns cut stkwrk.	192.00	193.34	3		<1	F.g. cpy in later dol-py-sph-cpy+/-qtz vns.
195.54	200.46	Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Moderate Propylitic Alteration	195.54	200.46	1-3			F.g. to m.g. py, diss, in stkwrk and later qtz/dol vns. Diss>vns, py is coarser in later vns.
			Massive, med grey. 1-3mm light grey white to v pale green, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are commonly weakly sausseritized. The gdmass is weakly to mod chl+/-clay alt with weak silicification adjacent to late qtz-py vns. 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-4mm qtz alt halos comprise 1-3% of the unit. 1% later, f.g. to m.g. qtz-f.g. to m.g. py+/-f.g dol vns 0.3-1.5cm wide cut stkwrk. Rare (<<1%) f.g. to m.g. cream dol-f.g. py-f.g. to m.g. dark grey black sph-f.g. qtz+/-f.g. cpy vns cut stkwrk. Later vns are randomly oriented.	196.38	196.51	1-3		<1	Trace cpy in in later dol-py-sph-qtz-cpy vns.
200.46	240.46	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	200.46	240.46	3-5%	<1	<<1	F.g. to c.g. py, diss, in stkwrk and later cal/qtz vns. Diss>vns, py is coarser in later cal/qtz vns. F.g. to v.f.g. cpy, in later cal/qtz vns and v locally diss, vns>>diss. Cpy more common where secondary bio flooding +/- magnetism is present.
			Massive, olive-olive grey-light green grey. V.f.g. gdmass with mod to strong chl+/-clay alteration. V locld partial secondary bio flooding +/- weak magnetic. 1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with 2-4mm med grey chl alt halos. Later 2-5mm, f.g. to m.g. dol and/or f.g. to m.g. qtz+/-f.g. to c.g. py+/-f.g. cal+/-f.g. to v.f.g. cpy+/-f.g. magnetite (locld)+/-f.g. hem (locld)+/- f.g. mo vns cut stkwrk vns. Later dol/qtz vns comprise 1-3% of the unit and are locally present as breccia vns or with open space filling texts. Dol more common than qtz in later vns. Minor frac planes (1-3%) partially coated with sericite.	212.79	212.80	75			3mm wide m.g. py-f.g. dol-f.g. qtz vn.
			232.00-232.45m: Med grey fsp porphyritic qtz monzonite. Mod to strongly clay/sericite alt fsp phenos. Weakly silicified gdmass.	248.43	248.70	1-3	<1	<<1	Few m.g. to c.g. suh to euh cream dol-f.g. to m.g. qtz-f.g. py-f.g. to m.g. suh dark grey black sph-f.g. to v.f.g. cpy-v.f.g. mo(?)/galena(?) vns with open space filling text.

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
240.46	277.65	Qtz Mnz	Variably Altered Bio-Fsp Porphyritic Qtz Monzonite	240.46	258.10	5	≤1	<<1	F.g. to m.g. py, diss, in stkwrk and later qtz/cal vns.
									Diss py>vns, py is coarser in later vns. F.g. cpy is
			Massive, variable color; light green grey-med grey-dark grey black-black.						present in later vns and finely diss in dark grey black
			Dominantly mod to strong potassic alt with locld mod prop/argillic? alt intervals.						mod pot alt intervals. Cpy locally inc to 1% in dark
			2-4mm white-light grey anh to suh fsp phenos comprise 35-40% of the unit. Fsp						grey black intervals. F.g. to v.f.g. mo v locally in later
			phenos are most commonly present as light grey silicified ghost xls and are						qtz/cal vns.
			locally partially to completely sericitized or weakly sausseritized. The gdmass is						
			dominantly mod to strongly silicified with mod to strong secondary bio flooding	258.10	270.83		1		Increase in cpy abundance, diss and in vns, diss>vns.
			and locld weak to mod magnetism. Secondary Kfs is absent.						
			The gdmass is weakly to mod chl/clay alt in prop/argillically(?) altered intervals.	273.27	273.28	1-3	<1		4cm m.g. to c.g. cal-m.g. to c.g. qtz-f.g. py-f.g. cpy vn with
			M.g. secondary, black suh bio phenos comprise 3-5% of the unit. Bio phenos are						open space filling/drusy text. Trace (<<1%) unknown
			strongly altered to light tan or green grey relict xls in prop/argillically(?) alt						metallic steel grey mineral (tetra?) v locally itsl to cal.
			intervals.						Cal has bladed habit.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-5mm med grey alt halos						
			(most commonly qtz) comprise 3-5% of the unit. Later 0.2-1.8cm vns consisting of						
			f.g. to m.g. qtz and/or f.g. to m.g. cream dol +/-f.g. to m.g. py+/-f.g. cal+/-f.g. cpy+/-						
			f.g. to m.g. sph+/- f.g. to v.f.g. mo cut stkwrk vns. Later vns comprise 1-3%						
			of the unit and locally exhibit vuggy, breccia and/or drusy texts. Sph is commonly						
			associated with dol in later vns. Rare (≤1%) randomly oriented 2-3mm f.g. gypsum-						
			f.g. cal vns are locally present in mod to strong potassically alt intervals.						
			242.49-242.57m: Matrix supported breccia vn/dyke(?). Dark grey (clay?, mafic?)						
			matrix, ang volcanic sediment clasts. A few clasts are strongly clay alt. Similar						
			breccia vn/dyke @ 266.61-266.70m.						
277.65	288.48	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	277.65	288.48	1-3	≤1	<<1	F.g. to m.g. py, diss, in stkwrk and later qtz/cal vns. Py
									is coarser in later vns, diss>vns. F.g. cpy in later qtz/cal
			Massive, olive grey to pale green grey. V.f.g. mod to strongly chl+/-clay gdmass.						vns. F.g. to v.f.g. mo v locally in later qtz/cal vns.
			V locld dark grey black intervals with weak to mod secondary bio flooding. 1-2mm						
			randomly oriented f.g. qtz-f.g. py vns with 3-5mm med grey chl alt halos comprise						
			5-7% of the unit. Later 0.3-1.6cm f.g. to m.g. qtz and/or f.g. to m.g. white carbonate						
			(dol?, powder effervesces with HCl) +/-f.g. to m.g. py+/-f.g. cal+/-f.g. cpy+/-f.g. to m.g.						
			dark grey sph+/-f.g. to v.f.g. mo vns cut stkwrk. Later qtz/cal vns comprise 1-3% of the						
			unit and commonly exhibit open space filling texts.						
288.48	298.71	Fel Vlc	Aphyric Felsic Volcanic with Moderate Propylitic Alteration	288.48	298.71	3%	<1	<<1	F.g. to m.g. py, diss, in stkwrk and later qtz/dol vns.
									Diss>vns, py is coarser in later vns. F.g. cpy locally in

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
240.46	258.10	w-m	vw	w-m	m-s		Highly variable interval. Light grey-med green	240.46	277.65	fracs	50-60	4	
							grey-dark grey black. Weak to mod pot alt with				35-40	1	
							weak to mod prop alt overprint. Weak to mod				70-75	<1	
							silicification. Mod to strong secondary bio						
							flooding +/- weak magnetism define mod pot						
							alt in darker grey black intervals. Light grey to	240.46	277.65	vns	30-40	2	Later qtz and/or cal+/-py+/-dol+/-cpy+/-sph+/-mo vns
							green grey intervals with mod prop alt overprint				50	<1	
							defined by locld sericite/clay alt mafics, weak						
							chl+/-clay alt gdmass, chl+/-clay alt of secondary	277.65	277.65	ctc	25	sharp	Sharp planar lithological etc.
							and weakly sausseritized fsp phenos.						
							Secondary bio in light grey intervals is						
							extremely alt and unapparent. F.g. red hem is						
							locally diss in the gdmass.						
258.10	270.83		w	s	s		Strong potassic alteration with weak prop alt						
							overprint. Dark green grey-dark grey black-black.						
							Gdmass is strongly silicified with strong						
							secondary bio flooding and weak to mod						
							magnetic. Fsp phenos are most commonly						
							present as light grey silicified ghost xls and are						
							locally weakly sausseritized (weak prop ovrprnt).						
							Cpy abundance inc to 1%. F.g. red hem is locally						
							diss and intergrown with magnetite.						
270.83	277.65	w-m	vw	w-m	m-s		Similar to described at 240.46-258.10m.						
277.65	288.48	w		vw			Mod propylitic alt defined by mod to strong	277.65	288.48	fracs	50-60	2	
							chl+/-clay alt gdmass, stwrk vn chl alt halos and				70-80	1	
							inc carbonate content in later vns.				30	<1	
								277.65	288.48	vns		1-3	Later vns are randomly oriented and locally cut each
													other. Orientations tca dominantly 15-55°.
								288.48	288.48	ctc		?	Gradational lithological ctc? Vlc sed and the next unit
													alternate (are "interbedded") for ~1m approaching ctc.
288.48	298.71	w		vw			Mod propylitic alt defined by mod to strong	288.48	298.71	fracs			FracS are randomly oriented with no obvious preffered
							chl+/-clay alt gdmass, stwrk vn chl alt halos and						orientation tca.

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Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Massive, light grey to v light green grey. Compositionally appears similar to the pph						later Qtz/dol vns. F.g. to v.f.g. mo v locally in later vns.
			Qtz mnz. The f.g. gdmass is mod to strongly chl/clay altered. 2-4mm med grey chl						
			alt mafic aggregates comprise 7-10% of the unit, generating a locally spotted/						
			mottled text. 1-2mm randomly oriented f.g. Qtz-f.g. py stkwrk vns with 3-5mm med						
			grey chl alt halos comprise 3-5% of the unit. Later, 0.3-2.1mm f.g. to m.g. Qtz and/or						
			f.g. to m.g. dol+/-f.g. to m.g. py+/-f.g. cpy+/-f.g. cal+/- f.g. to v.f.g. mo+/-f.g. to m.g.						
			dark grey sph vns cut stkwrk. Later Qtz/dol vns are randomly oriented, comprise 1%						
			of the unit and locally have drusy, open space filling or breccia texts. Euh dol has a						
			sucrosic habit in drusy vns.						
298.71	304.12	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	298.71	304.12	1-3	<<1	<<1	F.g. to m.g. py, diss, in stkwrk and later Qtz/dol vns.
									F.g. cpy and f.g. to v.f.g. mo v locally in later Qtz/cal vns.
			Similar to unit described at 277.65-288.48m. Decreased carbonate abundance in						
			later vns. Drusy and open space filling texts rare.						
304.12	305.91	Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite Dyke With Weak Potassic Alteration	304.12	305.91	1-3			F.g. py, diss, in stkwrk and later cal-gypsum vns.
			Massive, brown grey to dark grey black. 2-5mm light grey to white, anh to suh fsp						
			phenos comprise 40% of the unit. Fsp phenos are most commonly present as						
			light grey silicified ghost xls, locally are white and mod sericitized. The gdmass is						
			strongly silicified, weakly to mod flooded with secondary bio and weakly magnetic.						
			Secondary Kfs is absent. 1-3mm black suh to euh secondary bio phenos comprise						
			5% of the unit. 1-2mm randomly oriented f.g. Qtz-f.g. py stkwrk vns comprise 1-3% of						
			the unit. V rare (<<1%) 1-2mm, later f.g. cal-f.g. gypsum+/-f.g. py vns cut stkwrk.						
305.91	307.06	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	305.91	307.06	1-3			F.g. to m.g. py, diss, in stkwrk and later Qtz/dol vns.
			Similar to unit described at 277.65-288.48m. Decreased carbonate abundance in						
			later vns. Drusy and open space filling textures rare.						
307.06	312.87	Qtz Eye Rhy	Qtz Eye Rhyolite Dyke	307.06	312.87				No visible mineralization.
			Bleached light tan to med brown grey. 5% anh to suh smoky Qtz phenos. Lime green						
			anh, m.g. to c.g. strongly sausseritized fsp phenos comprise 7-10% of the unit.						
			Faintly aligned cream euh fsp phenos with lath shaped habit (2-3mm lengthwise)						

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							mod abnt later carbonate vns.						
								298.71	298.71	ctc	60	sharp	Sharp lithological ctc. 2 cm thick gouge filled frac/fault at ctc.
298.71	301.40	w		vw			Mod propylitic alt defined by mod to strong chl+/-clay alt gdmass, stwrk vn chl alt halos.	298.71	304.12	fracs		1-2	Fracs are randomly oriented with no obvious preffered orientation tca.
301.40	304.12			w-m	m		Mod to prop alt with local vw to w pot alt. Mod silicification and localised weak to mod secondary bio flooding +/- weak magnetism.	298.71	304.12	vns			Later vns are randomly oriented and locally cut each other.
								304.12	304.12	ctc	25	sharp	Sharp planar lithological ctc.
304.12	305.91		w	m	m-s		Mod pot alt defined by strongly silicified fsp phenos and gdmass, mod secondary bio flooding and phenos and weak magnetism.	305.91	305.91	ctc	25	sharp	Sharp planar lithological ctc.
305.91	307.06	w		vw			Mod propylitic alt defined by mod to strong chl+/-clay alt gdmass, stwrk vn chl alt halos.	307.06	307.06	ctc	55	sharp	Sharp planar lithological ctc. Fault with 2cm thick clay rich gouge at ctc.
							Gdmass has strongly silicified overprint.						
307.06	312.87						Strong bleaching and strongly sausseritized fsp phenos is indicative of weak to mod prop alt.	307.06	312.87	fracs	50-60	2	
											30-40	<1	
								312.87	312.87	ctc	40	sharp	Sharp planar lithological ctc. Fault with 3cm thick clay rich gouge at ctc.

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Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			defines a weak foliation. The foliation is strongest proximal to ctcs. Rare (<1%)						
			qtz+/-dol vns.						
312.87	319.78	Qtz Mnz	Variably Altered Fld Porphyritic Quartz Monzanite	312.87	319.78	1-3	<1		Fine grained diss py, medium grained in late qtz-dol
									veins. Cpy is observed exclusively within late qtz veins
			Light grey-brown to locally green fld pph qtz mnz. Fld phenos are sub to anhedral						and is finer grained than the py. Sphalerite is observed
			1-3mm, make up 20-25% of the rock commonly weakly clay-sericite alt. Local						in a late qtz-dol vein at 318.31m.
			spotted appearance is due to preferential chlorite alt of more mafic sites, bt?						Magnetite vein at 314.76m.
			Local 1-2m intervals of weak silicification. Stockwork makes up 4-5% of the unit,						
			qtz +/- py. Late veins are dominantly qtz, qtz-cal, local qtz-dol, open space filling						
			qtz-calcite textures are common. Medium grained py with lesser fine grained cpy						
			is associated with late veins. Total sulphides are 1-3% diss</= vns.						
319.78	328.53	FQPD	Feldspar Quartz Porphyritic Dyke (RDDK?)	319.78	328.53				No observed mineralization.
			Light grey-green to maroon fld-qtz pph dyke, fld are sub to anhedral, two phases ?,						
			3-7mm make up 20% and 1-2mm make up 10-15%, smaller sized phenos appear						
			subhedral. Qtz phenos/amgudules? Are 1-3mm sub-anhedral, rounded, make up						
			2 % of the unit. Fld phenos chloritized at contacts with maroon amygdaloidal dyke.						
			Rock is easily scratched, flds are weakly clay alt, vw propylitic with later argillic						
			overprint. No observed mineralization.						
			No late veining, several subangular clasts? at 32.60m. Upper contact is faulted with						
			2-3cm of white calcitic gouge.						
324.56	325.56	Int Dyke	Maroon Amygdaloidal Int-Mafic Dyke	324.56	325.56				No observed mineralization.
			Maroon amygdaloidal int-mafic dyke, bleached to grn-gry at upper and lower cnts.						
			Matrix is aphanitic, vesicles are dol? 1-3mm, make up 5% of the unit, less abundant						
			at the upper and lower contacts.						
			No observed mineralization.						
328.53	340.91	Qtz Mnz	Fine Grained/Aphyric Potassically Altered Feldspar Porphyritic Quartz Monzanite	328.53	340.91	2-3	<1		Sulphides are finely diss throughout the unit, also
									wihtin late veining most commonly qtz vns. Cpy is
			Fine grained moderate to strongly pot alt fld pph qtz mnz, olive grn to black in color.						finely diss throughout, preferentially where alt appears
			Fld phenos are commonly indistinct, 1-2mm, subhedral, local silicification with less						stronger. Cpy is also f grained within late qtz vns.
			sausseritization. Unit commonly appears massive due to alt? possibly aphyric						
			felsic-int volc? Rock is weak to strongly silicified, moderately magnetic, secondary						
			bt is pervasive imparting a blk color. Late qtz vns and stockwork are common with						

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Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			associated sulphides. Hematite is commonly observed associated with magnetite.						
			Sulphides are diss throughout the rock f grained py>cpy, also within late qtz veins						
			and mm scale stockwork, diss>/= vns. 333.75-334.35m later fld bt pph qtz mnz dyke,						
			sulphides are diss, very weak vning.						
340.91	349.06	FQPD	Feldspar Quartz Porphyritic Dyke (RDDK?)	340.91	349.06				No observed mineralization.
			Similar to the interval described from 319.78-328.53m. Light to medium green in						
			color, fld phenos commonly appear sausseritized. Phenos are finer grained at the						
			upper and lower contacts.						
			PTS-16 sample 344.24-344.32m.						
349.06	361.24	Qtz Mnz	Fine Grained/Aphyric Feldspar Porphyritic Quartz Monzanite						
				349.06	361.24	2-3	<<1		Sulphides are most commonly observed within late
			Fine grained/aphyric fld pph qtz mnz, fld phenos are rarely observed. Rock is olive						veins and also diss throughout the rock. Py is most
			brn-grn to locally dark brn in color, local bt alt and magnetite give the rock a darker						abundant, finer grained cpy is locally associated with
			appearance. Overall magnetism is weak to very weak and localized. Silicification is						py within veins.
			common and weak to moderate. Late veins are commonly qtz with lesser qtz-dol,						
			weak stockwork appears randomly oriented. Sulphides are diss throughout the unit						
			also associated with late vns, total sulphides are 2-3% with <<1% cpy, diss < vns.						
			Green fld qtz pph dyke 353.45-354.34m, no observed mineralization within the						
			dyke, 50cm shear zone below dyke. Sharp upper and lower contacts.						
361.24	366.92	FQPD	Feldspar Quartz Porphyritic Dyke (RDDK?)	361.24	366.94				No observed mineralization.
			Similar to the interval described from 319.78-328.53m. Light to medium green with						
			local pinky intervals, shearing at upper contact 50 tca gives a bedded apperance.						
			The pink and green colors give a mottled ice cream appearance, due to shearing?						
366.92	384.27	qtz mnz	Black Potassicly Altered Feldspar Porphyritic Quartz Monzanite	366.92	384.27	2-3	<1-1		Sulphides are finely diss throughout the rock, py is
									commonly observed as coatings on fractures and
			Black potassicly alt fld pph qtz mnz, fld phenos are 1-2mm, subhedral, make up						making up 2-6mm veins and stockwork. Cpy appears
			30-40% of the rock, locally indistinct where very fine grained bt flooding appears to						to preferentially occur finely diss through intervals of
			overprint the fld phenos. Potassic alt is dominant determined by very fine grained						stronger potassic alteration. Sulphides also occur
			bt flooding, magnetite within the matrix and later veins and weak silicification.						within and proximal to late qtz veins.
			Stockwork is weak making up 2-3% of the rock, qtz-py +/- cpy, late qtz veins make up						Unknown silver-gry mineral in late qtz-gypsum vein at
			2% of the rock and commonly have associated py +/- cpy +/- mag. Locally open						378.56m.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
340.91	349.06	w					Propylitic alt is weak, fld phenos are commonly sausseritized. Rock is easily scratched.	349.05	349.06	cnt	steep	sharp	Lower contact is steep and sharp with <1cm of dry clay gouge.
349.06	361.24	vw	w	w	w-m		Rock is weakly to moderately silicified, local pervasive bt alt with associated magnetite.	349.06	361.24	vn	40-50	3-4%	Late veins commonly make up 4-5% of the unit, most
							Overall magnetism is weak, late veins are				20-35	2%	commonly qtz with lesser qtz-dol. Associated sulphides
							dominantly qtz with lesser qtz-dol. The alteration	361.23	361.24	cnt	50	sharp	make up 2-4% py +/- cpy.
							appears to still be potassic but is weak and late						Irregular intrusive contact 50 tca, no alteration.
							propylitic alt is more evident giving the rock a						
							greenish appearance. V weak to weak clay alt						
							along fractures and vein margins.						
							Potassic to phyllic alt?						
361.24	366.94	w					Rock is easily scratched and clay alt, fld phenos	361.24	366.94	frct	50-60	2%	Late fractures most commonly 50-60 tca, subparallel to
							are commonly sausseritized, weak propylitic alt?				30-35	1%	shearing.
								366.93	366.94	cnt	45	sharp	Sharp lower conact, irregular.
366.92	384.27		vw	m-s	m-s		Alteration appears to be moderate to strong	366.92	384.27	vn	10-20	5%	Late qtz veins make up 5-7% of the rock, commonly have
							potassic alt which is expressed as stong fine				40	2%	associated sulphides py>>cpy. Commonly 2-3cm wide.
							grained bt flooding, silicification and weak						
							magnetism. Magnetite occurs within the matrix	384.26	384.27	cnt	65	sharp	Sharp weakly faulted 3-4mm gouge lower contact.
							and more coarsely within late qtz veins. Qtz alt						
							halos occur around late veins and stockwork.						
							Fld phenos are commonly silicified and rarely						
							sausseritized over very short intervals.						

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			space within qtz vns is filled with gypsum. Total sulphides are 2-3% finely diss						
			throughout the rock, also within veins and stockwork, cpy <1%, magnetite is rare.						
			Diss>vns						
384.27	395.18	FQPD	Feldspar Quartz Porphyritic Dyke (RDDK?)	384.27	395.18				No observed mineralization within the dyke.
			Minty grn to brn fld qtz pph dyke, fld phenos are sub-anhedral, 2-3mm although						Clast of fld pph qtz mnz occurs from 394.54-394.76m and hosts a late qtz-dol vein with sph and galena.
			dominantly 1-2mm at upper contact and weakly aligned, fld phenos make up						
			15-20% of the unit. Qtz phenos are commonly anhedral, rarely subhedral, 1-3mm						
			in size and make up 3-5% of the unit, appear to increase in size with the fld phenos						
			Rock is mod-easily scratched and fld appear clay alt as well as commonly						
			sausseritized. Rounded to subrounded clasts and enclaves exist within the dyke						
			ranging from 1-2cm to 4-5cm, overall making up 1-2% of the unit. A large clast of						
			fld pph qtz mnz occurs from 394.54-394.76m and has a large vn with abundant sph						
			as well as galena. Veining within the dyke is very rare and consists of qtz-dol,						
			weakly faulted or sheared fractures are common.						
395.18	406.85	qtz mnz	Potassically Altered Feldspar Porphyritic Quartz Monzanite	395.18	406.85	2-3	<<1		Sulphides are commonly finely diss throughout the rock
									preferentially occuring where potassic alt is stronger
			Salt and pepper, potassically alt fld pph qtz mnz, fld phenos are commonly 1mm						especially with through more magnetic intervals. Also
			up to 2-3mm towards lower contact, subhedral rarely euhedral, make up 30-40% of						occur within late qtz veins and in weak stockwork. Cpy
			the unit. Local biotite phenos towards lower contact, sub-euhedral, 2mm, make						is most commonly observed associated with magnetite
			up 5% of the unit. Alteration is dominated by fine grained pervassive bt, moderate						and proximal to late qtz veins.
			silicification and weak to moderate magnetism. Towards lower contact, sericite						
			is common on fractures and making up small "veins". Sulphides are commonly						
			finely diss throughout the rock, preferentially associated with late qtz veins. Cpy						
			commonly occurs closely with magnetite, py is most abundant with <<1% cpy.						
			Diss>/= vns						
406.85	418.24	qtz mnz	Fine Grained?Aphyric Feldspar Porphyritic Quartz Monzanite	406.85	418.24	2-4	1	tr	Sulphides the are most commonly associated with
									late qtz and qtz dol veins. Py is most abundant,
			Olive brown to green fine grained/aphyric qtz mnz, fld phenos are rarely observed						cpy-sph-mo and galena are also observed, listed in
			dominantly at vein margins and over apparently potassic alt intervals. Fld appear						order of abundance. Locally cpy makes up 5-10mm vns.
			sub-anhedral, 2mm, observed to make up only 5-7% of the unit. Stockwork is stong						vns > diss
			and makes up 10-15% of the unit, qtz +/- sulphides, late veins are also common,						
			dominantly qtz making up 5-7% of the unit. Upper 50cm of the unit appears weakly						
			to moderately sheared and moderately propylitic alt, common dol wthin late vns.						
			Alteration appears to be dominantly propylitic where chloritization is common						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
384.27	395.18	w					Alteration appears to be dominated by clay alt of the matrix and select fld phenos and	384.27	395.18	frct	45-50	2-3%	Late fractures commonly have weak associated gouge
							sausseritization of flds phenos suggesting weak				25-30	1-2%	<1cm and clay coatings on the surface.
							late propylitic alteration.	394.54	394.76	clast			Clast of fld pph qtz mnz, contains a vein with 3-4% sph and <1% galena.
								395.17	395.18	cnt	60	sharp	Irregular sharp lower contact.
395.18	406.85	vw	w	m	m		Alteration is dominated by f grained pervassive	395.18	406.85	vn	15-30	4%	Late veins make up 4% of the unit, dominantly qtz veins
							bt, moderate silicification and weak to moderate				40		and lesser qtz-dol towards the lower contact. Commonly
							magnetism throughout the interval. Weak to						associated py +/-cpy.
							moderate sericite occurs over the last 4-5m of						
							the unit. Alteration appears to be moderate	406.84	406.85	cnt			Gradational sheared lower contact, moderate propylitic
							potassic (without the k-spar) with later weak						alt with increased dolomite.
							to moderate phyllic alt. Propylitic alt is more						
							common at lower contact where flds phenos are						
							chloritized.						
406.85	418.24	w		w	m	w	Alteration appears to be dominantly propylitic	406.85	407.45	shr z	60-70	w-mod	Shear zone at the upper contact, local gouge. Zone is
							where weak to moderate chloritization is						moderately clay alt with increased porpylitic alt.
							common at the upper contact and proximal to	406.85	418.24	st wk		10-15%	Stockwork is strong making up 10-15% of the unit.
							qtz-dol veins. Potassic alt expressed as k-spar						Veinlets are 1-3mm, qtz-py +/- cpy, apparent random
							alt of the matrix is common at the lower contact.						orientation.
							Moderate silicification over the entire unit. Fine	406.85	418.24	vns	20-30	3-4%	Veins make up a total of 5-7%, dominantly qtz with lesser
							grained bt flooding in rare over 10-20cm intervals				45	1-2%	qtz-dol. Commonly associated py-cpy-sph-mo-gl, fine
							magnetite is associated with select qtz veins and				65	1%	to medium grained within the veins.
							potassic alt intervals.	418.23	418.24	cnt			Gradational contact where fld phenos become more

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			particularly at the upper contact and proximal to qtz-dol veins, potassic alt expressed as k-spar alt of the matrix is common at the lower contact, moderate silicification over the entire unit. Fine grained bt flooding is locally observed over 10-20cm intervals, magnetite is associated with select late qtz veins and potassic alt intervals. Sulphides are dominantly associated with late veins and stockwork. Py is most common and cpy, mo, sph and galena are also observed within late veins of qtz and qtz-dol.						
			Vns > diss						
418.24	460.44	qtz mnz	Variably Altered Feldspar Porphyritic Quartz Monzanite	418.24	460.44	2-4	1-2		Sulphides are finely diss throughout the rock,
			Moderate to strong variably altered fld pph qtz mnz, fld phenos are subhedral, 1-3mm, making up 15-20% of the unit, locally indistinct where bt flooding and silicification are strong. Bt phenos are observed over 1-5m intervals, sub-euhedral locally making of 7-10% of the unit, commonly occur where silicification and potassic alt is mod-strong. Alteration is primarily moderate to strong potassic alt determined by k-spar alt of the matrix, local magnetite flooding along with biotite flooding and mod-strong silicification over the entire unit. Fld phenos are commonly sausseritized or sericite alt suggesting late phyllic or propylitic alt, locally fld phenos are chloritized. Stockwork makes up 3-5% of the unit, qtz-py +/- cpy, 2-4mm with an apparent random orientation. Late veining is dominantly qtz with lesser dol, veins are 5-20mm wide making up 3-5% of the unit, commonly associated py +/- cpy. Sulphides make up 3-5% of the unit, dominantly py with less cpy. Diss > vns, cpy most commonly occurs associated with magnetite and late qtz veins, fine grained diss throughout the rock proximal to veins and was coatings on fractures from 422.00-426.00m. Magnetite most commonly occurs at qtz vein margins and finely diss throughout the rock preferentially with secondary bt.						preferentially proximal to late qtz veins and associated with stronger potassic alt especially magnetite. Cpy occurs most commonly finely diss with magnetite and proximal and within late qtz veins. 422.00-426.00m cpy commonly forms weak-moderate coatings on fractures. Diss > vns
460.44	492.11	qtz mnz	Medium to Coarse Feldspar Porphyritic Quartz Monzanite	460.44	492.11	2-3		trc	Py is diss throughout the rock, preferentially at alt mafic sites, locally forming 1-3mm fine grained diss clots. Py is also observed within late veins and making up veins 5-10mm wide. No observed cpy.
			Medium to coarse grained fld pph qtz mnz, fld are 2-5mm, subhedral and make up 30-40% of the unit, commonly sausseritized with local sericitization. Alteration appears to be dominated by weak to locally mod propylitic with 1-2m intervals of very weak to weak potassic alt expressed as k-spar alt of the matrix and increased silicification. Locally hematite? Staining of the matrix as well as the fld phenos give the rock a pinky-brick red color. Py is diss throughout the rock, preferentially at alt mafic sites, locally forming 1-3mm fine grained clots, py is also observed within late veins and making up veins 5-10mm wide. No cpy is observed. Mo is diss within						Mo is observed diss wthin a late qtz-dol vein at 463.67m along with coarse subhedral py. diss > vns

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-111			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			a late vein at 463.67m along with coarse subhedral py. Py makes up 1-3% of the						
			unit, diss > vns. Late veins make up 1-3% of the unit, dominantly py with weak						
			chlorite halos, 2-8mm wide. No stockwork.						
492.11	495.03	FPPD	Green Fine Grained Feldspar Porphyritic Dyke	492.11	495.03				No observed mineralization.
			Green fine grained fld pph dyke, fld phenos are 1mm, subhedral and make up						
			30-40% of the rock. They are very fine grained and appear aligned subparallel to						
			dyke margins, vw to no alignment with the core of the dyke. Upper and lower						
			contact are intrusive and very irregular, 3-8cm clasts of surrounding fld pph qtz mnz						
			are incorporated within the dyke. Rare late qtz-sericite filled fractures.						
			No observed mineralization.						
495.03	498.00	Qtz Mnz	Medium to Coarse Grained Feldspar Porphyritic Quartz Monzanite	495.03	498.00	1-3	trc		Py is diss throughout the unit preferentially at mafic
	EOH								sites. Py is also observed within late veins and as
			Same as 460.44-492.11m. Alteration varies from w potssic-propylitic to moderate						weak to moderate coatings on fractures. Trace cpy is
			potassic alt over 1-2m. Chloritization is weak to moderate at the upper contact						observed very finely diss at mafic site and associated
			and as a 2-4cm halo around late py vein. Bt phenos are observed where potassic						with py in late veins.
			alt is moderate, phenos are 1-3mm sub-euhedral, make up 5-7% of the unit.						Diss > vns

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
492.11	495.03		vw				Alteration appears to be dominated by sericite,	492.11	495.03	fct	45	1-2%	Late fractures are rare, select are filled with qtz and
							qtz-sericite fills fractures. Fld phenos within the				10-15	1%	sericite.
							dyke and in surrounding fld pph qtz mnz are	495.02	495.03	cnt	30	sharp	Sharp lower contact, irregular roughly 30 tca.
							weakly sausseritized.						
495.03	498.00		vw	w-m	m	w-m	Alteration varies from weak propylitic-potassic	495.03	498.00	vn	25-30	1-2%	Late veins are not common and make up only 1-2% of
							to moderate potassic. Sulphides appear more						the unit. Qtz-dol py +/-cpy are common and have
							abundant within the moderately potassic alt						2-3cm chloritized halos.
							interval. Fld phenos are chloritized at the upper	495.03	498.00	st wk		2-3%	Stockwork makes up 2-3% of the unit, random orientation
							contact and around late veins, sericite alt of						dominantly ranging from 25-50 tca. Qtz - py +/- cpy.
							phenos is common and weak.						

Hole ID: 11-PC-111		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
9.00	12.00	3.00	2.16	72	1.60	53		VPohl tech
12.00	15.00	3.00	3.05	102	2.73	91		
15.00	18.00	3.00	2.86	95	2.46	82		
18.00	21.00	3.00	2.94	98	2.62	87		
21.00	24.00	3.00	2.77	92	1.94	65		Crushed at 22 m.
24.00	27.00	3.00	2.60	87	1.14	38		Fractured & crushed at 25 m.
27.00	30.00	3.00	2.90	97	1.90	63		
30.00	33.00	3.00	2.70	90	0.62	21		Highly fractured.
33.00	36.00	3.00	3.00	100	1.88	63		
36.00	39.00	3.00	2.95	98	1.80	60		
39.00	42.00	3.00	2.70	90	1.46	49		
42.00	45.00	3.00	2.90	97	2.38	79		
45.00	48.00	3.00	2.98	99	2.89	96		
48.00	51.00	3.00	2.89	96	2.47	82		
51.00	54.00	3.00	2.98	99	2.64	88		
54.00	57.00	3.00	3.00	100	2.50	83		
57.00	60.00	3.00	3.01	100	2.50	83		
60.00	63.00	3.00	2.75	92	2.01	67		
63.00	66.00	3.00	2.95	98	1.98	66		
66.00	69.00	2.98	2.98	100	2.29	77		
69.00	72.00	3.00	2.93	98	2.21	74		
72.00	75.00	3.00	2.97	99	2.28	76		
75.00	78.00	3.00	3.02	101	2.75	92		
78.00	81.00	3.00	2.95	98	2.36	79		
81.00	84.00	3.00	2.99	100	2.60	87		
84.00	87.00	3.00	2.99	100	2.74	91		
87.00	90.00	3.00	3.03	101	2.97	99		
90.00	93.00	3.00	3.05	102	2.88	96		
93.00	96.00	3.00	3.03	101	2.82	94		
96.00	99.00	3.00	3.00	100	2.67	89		
99.00	102.00	3.00	3.05	102	2.84	95		
102.00	105.00	3.00	2.99	100	2.69	90		
105.00	108.00	3.00	2.89	96	2.05	68		
108.00	111.00	3.00	3.00	100	2.86	95		
111.00	114.00	3.00	2.95	98	2.49	83		
114.00	117.00	3.00	3.04	101	2.84	95		VPohl tech ends
117.00	120.00	3.00	2.85	95	2.64	88		CKnight tech, 15 cm core loss
120.00	123.00	3.00	3.05	102	2.59	86		
123.00	126.00	3.00	3.00	100	2.42	81		
126.00	129.00	3.00	2.98	99	2.90	97		
129.00	132.00	3.00	3.00	100	2.65	88		
132.00	135.00	3.00	2.98	99	2.48	83		Moderate fractures at end of interval.
135.00	138.00	3.00	3.00	100	2.29	76		Moderate fractures.
138.00	141.00	3.00	3.00	100	2.85	95		
141.00	144.00	3.00	3.03	101	3.01	100		
144.00	147.00	3.00	3.00	100	2.79	93		
147.00	150.00	3.00	2.96	99	2.87	96		CKnight tech ends
150.00	153.00	3.00	2.96	99	2.86	95		VPohl tech
153.00	156.00	3.00	2.85	95	0.37	12		Brecciated fault zone throughout run.
156.00	159.00	3.00	2.79	93	0.59	20		
159.00	162.00	3.00	2.63	88	1.62	54		
162.00	165.00	3.00	2.84	95	2.11	70		
165.00	168.00	3.00	2.88	96	1.81	60		
168.00	171.00	3.00	3.00	100	2.95	98		
171.00	174.00	3.00	3.00	100	2.89	96		
174.00	177.00	3.00	3.00	100	3.00	100		
177.00	180.00	3.00	3.00	100	2.92	97		

Hole ID: 11-PC-111		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
180.00	183.00	3.00	2.75	92	1.78	59		
183.00	186.00	3.00	2.86	95	2.46	82		
186.00	189.00	3.00	3.00	100	2.86	95		
189.00	192.00	3.00	2.85	95	1.77	59		
192.00	195.00	3.00	2.70	90	2.10	70		
195.00	198.00	3.00	3.05	102	2.20	73		
198.00	201.00	3.00	2.94	98	2.65	88		
201.00	204.00	3.00	2.55	85	0.44	15		Fault throughout w/ brecciated gouge.
204.00	207.00	3.00	2.56	85	1.24	41		
207.00	210.00	3.00	2.91	97	2.40	80		
210.00	213.00	3.00	2.87	96	2.00	67		
213.00	216.00	3.00	2.95	98	2.41	80		
216.00	219.00	3.00	3.00	100	2.58	86		
219.00	222.00	3.00	2.84	95	2.21	74		
222.00	225.00	3.00	2.98	99	2.78	93		
225.00	228.00	3.00	3.01	100	2.54	85		
228.00	231.00	3.00	2.97	99	2.64	88		
231.00	234.00	3.00	3.00	100	2.16	72		
234.00	237.00	3.00	2.95	98	2.80	93		
237.00	240.00	3.00	3.01	100	2.04	68		
240.00	243.00	3.00	2.93	98	2.58	86		
243.00	246.00	3.00	3.06	102	2.99	100		
246.00	249.00	3.00	3.00	100	2.89	96		
249.00	252.00	3.00	2.87	96	2.33	78		
252.00	255.00	3.00	2.94	98	2.84	95		
255.00	258.00	3.00	2.85	95	2.51	84		2.85 m run
258.00	261.00	3.00	3.02	101	2.58	86		
261.00	264.00	3.00	3.04	101	2.15	72		
264.00	267.00	3.00	2.96	99	2.80	93		
267.00	270.00	3.00	2.80	93	2.80	93		2.80 m run
270.00	273.00	3.00	3.01	100	1.49	50		
273.00	276.00	3.00	2.80	93	1.96	65		
276.00	279.00	3.00	2.99	100	2.11	70		
279.00	282.00	3.00	2.60	87	1.86	62		
282.00	285.00	3.00	2.78	93	1.24	41		
285.00	288.00	3.00	2.83	94	1.60	53		
288.00	291.00	3.00	2.87	96	2.22	74		
291.00	294.00	3.00	2.81	94	1.18	39		
294.00	297.00	3.00	2.97	99	2.58	86		
297.00	300.00	3.00	2.77	92	1.77	59		
300.00	303.00	3.00	3.00	100	2.95	98		
303.00	306.00	3.00	3.00	100	2.91	97		
306.00	309.00	3.00	2.95	98	2.73	91		
309.00	312.00	3.00	3.00	100	2.80	93		
312.00	315.00	3.00	2.90	97	2.38	79		
315.00	318.00	3.00	3.00	100	2.32	77		
318.00	321.00	3.00	2.89	96	2.14	71		
321.00	324.00	3.00	3.08	103	3.08	103		3.08 m run
324.00	327.00	3.00	3.03	101	2.44	81		
327.00	330.00	3.00	2.94	98	2.46	82		
330.00	333.00	3.00	3.02	101	3.02	101		
333.00	336.00	3.00	3.03	101	2.85	95		
336.00	339.00	3.00	3.03	101	2.90	97		
339.00	342.00	3.00	3.00	100	2.51	84		
342.00	345.00	3.00	3.00	100	3.00	100		
345.00	348.00	3.00	2.88	96	2.68	89		
348.00	351.00	3.00	3.00	100	2.84	95		
351.00	354.00	3.00	2.96	99	2.70	90		

Hole ID: 11-PC-111		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
354.00	357.00	3.00	3.00	100	2.60	87		
357.00	360.00	3.00	3.05	102	2.90	97		
360.00	363.00	3.00	2.96	99	2.96	99		
363.00	366.00	3.00	3.04	101	2.95	98		
366.00	369.00	3.00	3.04	101	3.04	101		
369.00	372.00	3.00	2.98	99	2.92	97		
372.00	375.00	3.00	3.03	101	2.87	96		
375.00	378.00	3.00	3.00	100	2.81	94		
378.00	381.00	3.00	3.02	101	2.86	95		
381.00	384.00	3.00	2.96	99	2.80	93		
384.00	387.00	3.00	2.92	97	2.72	91		
387.00	390.00	3.00	3.00	100	2.74	91		
390.00	393.00	3.00	2.97	99	2.81	94		2 cm gouge @ 390.16 m
393.00	396.00	3.00	3.02	101	2.80	93		
396.00	399.00	3.00	2.96	99	2.84	95		
399.00	402.00	3.00	3.05	102	2.80	93		VPohl tech ends
402.00	405.00	3.00	2.93	98	1.95	65		ARoss tech
405.00	408.00	3.00	3.01	100	2.24	75		
408.00	411.00	3.00	2.98	99	2.58	86		
411.00	414.00	3.00	2.91	97	2.03	68		
414.00	417.00	3.00	2.93	98	2.36	79		
417.00	420.00	3.00	3.01	100	2.12	71		ARoss tech ends
420.00	423.00	3.00	2.63	88	1.87	62		Clinton tech to EOH
423.00	426.00	3.00	2.93	98	0.93	31		Box meterage errors from Box 94 to 102 - fixed(?)
426.00	429.00	3.00	2.96	99	2.30	77		
429.00	432.00	3.00	2.96	99	2.43	81		
432.00	435.00	3.00	2.83	94	2.54	85		
435.00	438.00	3.00	3.00	100	2.74	91		
438.00	441.00	3.00	3.05	102	2.20	73		
441.00	444.00	3.00	2.90	97	2.03	68		
444.00	447.00	3.00	3.05	102	2.34	78		
447.00	450.00	3.00	3.05	102	2.63	88		
450.00	453.00	3.00	3.05	102	1.59	53		
453.00	456.00	3.00	3.05	102	2.39	80		
456.00	459.00	3.00	3.00	100	2.40	80		
459.00	462.00	3.00	3.05	102	2.60	87		
462.00	465.00	3.00	2.90	97	2.73	91		
465.00	468.00	3.00	3.02	101	2.33	78		
468.00	471.00	3.00	3.00	100	2.05	68		
471.00	474.00	3.00	2.95	98	2.49	83		
474.00	477.00	3.00	2.96	99	2.44	81		
477.00	480.00	3.00	2.95	98	1.41	47		
480.00	483.00	3.00	3.05	102	2.31	77		
483.00	486.00	3.00	2.95	98	2.56	85		
486.00	489.00	3.00	3.02	101	2.18	73		
489.00	492.00	3.00	3.02	101	2.18	73		
492.00	495.00	3.00	2.94	98	2.03	68		
495.00	498.00	3.00	3.01	100	2.21	74		EOH

Hole ID: 11-PC-111		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125201	9.00	12.00	3.00		1
125202	12.00	15.00	3.00		1-2
125203	15.00	18.00	3.00		2
125204	18.00	21.00	3.00		2-3
125205	21.00	22.97	1.97		3
125206				Std CDN-CM-8	
125207	22.97	25.97	3.00		3-4
125208	25.97	28.97	3.00		4-5
125209	28.97	31.97	3.00		5-6
125210	31.97	34.97	3.00		6
125211	34.97	37.97	3.00		6-7
125212	37.97	40.97	3.00		7-8
125213				Blank	
125214	40.97	43.97	3.00		8
125215	43.97	46.97	3.00		8-9
125216	46.97	49.97	3.00		9-10
125217	49.97	52.97	3.00		10
125218	49.97	52.97	3.00	Duplicate	10
125219	52.97	55.97	3.00		10-11
125220	55.97	58.97	3.00		11-12
125221	58.97	61.81	2.84		12
125222	61.81	64.28	2.47		12-13
125223	64.28	67.28	3.00		13-14
125224	67.28	70.28	3.00		14-15
125225				Std CDN-FCM-7	
125226	70.28	73.28	3.00		15
125227	73.28	76.28	3.00		15-16
125228	76.28	77.92	1.64		16
125229				Blank	
125230	77.92	80.92	3.00		16-17
125231	80.92	83.92	3.00		17-18
125232	83.92	84.82	0.90		18
125233	84.82	87.82	3.00		18-19
125234	87.82	90.82	3.00		19
125235	90.82	93.82	3.00		19-20
125236	93.82	96.00	2.18		20-21
125237	96.00	99.00	3.00		21
125238	99.00	102.00	3.00		21-22
125239	99.00	102.00	3.00		21-22
125240	102.00	105.00	3.00		22-23
125241	105.00	108.00	3.00		23
125242	108.00	108.92	0.92		23-24
125243	108.92	111.92	3.00		24
125244	111.92	114.92	3.00		24-25
125245	114.92	116.24	1.32		25
125246	116.24	119.24	3.00		25-26
125247				Std CDN-FCM-7	
125248	119.24	122.24	3.00		26-27
125249	122.24	125.24	3.00		27
125250	125.24	128.24	3.00		27-28
125251	128.24	131.24	3.00		28-29
125252	131.24	134.30	3.06		29
125253	131.24	134.30	3.06	Duplicate	29
125254	134.30	137.30	3.00		29-30
125255	137.30	138.32	1.02		30
125256	138.32	140.51	2.19		30-31
125257	140.51	141.33	0.82		31
125258				Blank	

Hole ID: 11-PC-111		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125259	141.33	142.59	1.26		31
125260	142.59	143.49	0.90		31
125261	143.49	144.60	1.11		31-32
125262	144.60	147.60	3.00		32
125263	147.60	150.60	3.00		32-33
125264	150.60	153.60	3.00		33-34
125265	153.60	156.60	3.00		34
125266	156.60	159.60	3.00		34-35
125267				Std CDN-CGS-27	
125268	159.60	162.60	3.00		35-36
125269	162.60	165.60	3.00		36-37
125270	165.60	166.95	1.35		37
125271				Blank	
125272	166.95	169.95	3.00		37-38
125273	169.95	172.95	3.00		35
125274	172.95	175.95	3.00		38-39
125275	172.95	175.95	3.00	Duplicate	38-39
125276	175.95	178.95	3.00		39
125277	178.95	179.91	0.96		39-40
125278	179.91	182.81	2.90		40
125279	182.81	185.81	3.00		40-41
125280	185.81	188.81	3.00		41-42
125281	188.81	190.55	1.74		42
125282	190.55	193.55	3.00		42-43
125283	193.55	195.54	1.99		43
125284	195.54	198.54	3.00		43-44
125285	198.54	200.46	1.92		44
125286				Std CDN-CGS-27	
125287	200.46	203.46	3.00		44-45
125288	203.46	206.46	3.00		45-46
125289	206.46	209.46	3.00		46
125290	209.46	212.46	3.00		46-47
125291	212.46	215.46	3.00		47-48
125292				Blank	
125293	215.46	218.46	3.00		48
125294	218.46	221.46	3.00		48-49
125295	221.46	224.46	3.00		49-50
125296	224.46	227.46	3.00		50-51
125297	224.46	227.46	3.00	Duplicate	50-51
125298	227.46	230.46	3.00		51
125299	230.46	233.46	3.00		51-52
125300	233.46	236.46	3.00		52-53
125301	236.46	239.46	3.00		53
125302	239.46	240.46	1.00		53-54
125303	240.46	243.46	3.00		54
125304				Std CM-8	
125305	243.46	246.46	3.00		54-55
125306	246.46	249.46	3.00		55-56
125307	249.46	252.46	3.00		56
125308	252.46	255.46	3.00		56-57
125309				Blank	
125310	255.46	258.46	3.00		57-58
125311	258.46	261.46	3.00		58
125312	261.46	264.46	3.00		58-59
125313	264.46	267.46	3.00		59-60
125314	267.46	270.46	3.00		60
125315	270.46	273.46	3.00		60-61
125316	273.46	276.46	3.00		61-62

Hole ID: 11-PC-111		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125317	273.46	276.46	3.00	Duplicate	61-62
125318	276.46	277.65	1.19		62
125319	277.65	280.65	3.00		62-63
125320	280.65	283.65	3.00		63-64
125321	283.65	286.65	3.00		64
125322	286.65	288.48	1.83		64-65
125323	288.48	291.48	3.00		65
125324				Std CGS-27	
125325	291.48	294.48	3.00		65-66
125326	294.48	297.48	3.00		66-67
125327	297.48	298.71	1.23		67
125328	298.71	301.71	3.00		67-68
125329	301.71	304.12	2.41		68
125330	304.12	305.91	1.79		68-69
125331	305.91	307.96	2.05		69
125332	307.96	308.96	1.00		69
125333				Blank	
125334	308.96	311.96	3.00		69-70
125335	311.96	312.87	0.91		70
125336	312.87	315.87	3.00		70-71
125337	312.87	315.87	3.00	Duplicate	70-71
125338	315.87	317.87	2.00		71
125339	317.87	319.78	1.91		71-72
125340	319.78	322.78	3.00		72
125341	322.78	324.56	1.78		72-73
125342	324.56	325.56	1.00		73
125343	325.56	328.53	2.97		73-74
125344				Std CGS-27	
125345	328.53	331.53	3.00		74
125346	331.53	334.53	3.00		74-75
125347	334.53	337.53	3.00		75-76
125348				Blank	
125349	337.53	340.91	3.38		
125350	340.91	343.91	3.00		76
125351	343.91	346.91	3.00		76-77
125352	346.91	349.06	2.15		77-78
125353	349.06	352.06	3.00		78
125354	352.06	355.06	3.00		78-79
125355	352.06	355.06	3.00		79
125356	355.06	358.06	3.00		79-80
125357	358.06	361.24	3.18		80-81
125358	361.24	364.24	3.00		81-82
125359	364.24	366.92	2.68		82
125360	366.92	369.92	3.00		82-83
125361	369.92	372.92	3.00		83
125362	372.92	375.92	3.00		83-84
125363	375.92	378.92	3.00		84-85
125364	378.92	381.92	3.00		85
125365				Std CM-8	
125366	381.92	384.27	2.35		85-86
125367	384.27	387.27	3.00		86-87
125368	387.27	390.27	3.00		87
125369	390.27	393.27	3.00		87-88
125370				Blank	
125371	393.27	395.18	1.91		88
125372	395.18	398.18	3.00		88-89
125373	398.18	401.18	3.00		89-90
125374	401.18	404.18	3.00		90

Hole ID: 11-PC-111		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125375	404.18	406.85	2.67		90-91
125376	406.85	409.85	3.00		91-92
125377	409.85	412.85	3.00		92
125378	409.85	412.85	3.00	Duplicate	92
125379	412.85	415.85	3.00		92-93
125380	415.85	418.24	2.39		93-94
125381	418.24	421.24	3.00		94
125382	421.24	424.24	3.00		94-95
125383	424.24	427.24	3.00		95
125384	427.24	430.24	3.00		95-96
125385				Std CM-11A	
125386	430.24	433.24	3.00		96-97
125387	433.24	436.24	3.00		97
125388	436.24	439.24	3.00		97-98
125389	439.24	442.24	3.00		98-99
125390				Blank	
125391	442.24	445.24	3.00		99-100
125392	445.24	448.24	3.00		100
125393	448.24	451.24	3.00		100-101
125394	451.24	454.24	3.00		101-102
125395	454.24	457.24	3.00		102
125396	454.24	457.24	3.00	Duplicate	102
125397	457.24	460.44	3.20		102-103
125398	460.44	463.44	3.00		103-104
125399	463.44	466.44	3.00		104-105
125400	466.44	469.44	3.00		105
125401	469.44	472.44	3.00		105-106
125402	472.44	475.44	3.00		106
125403	475.44	478.44	3.00		106-107
125404	478.44	481.44	3.00		107-108
125405	481.44	484.44	3.00		108
125406	484.44	487.44	3.00		108-109
125407				Std FCM-7	
125408	487.44	490.44	3.00		109-110
125409	490.44	492.11	1.67		110
125410	492.11	495.03	2.92		110-111
125411	495.03	498.00	2.97		111
125412	495.03	498.00	2.97	Duplicate	111
		EOH			

2011 Poplar Drilling

Hole ID: 11-PC-112	Easting (NAD 83): 632197	Core Size: NQ	DDH Started: October 17, 2011
	Northing (NAD 83): 5987410	Hole Azimuth: 180	DDH Finished: October 18, 2011
Property: Poplar Deposit	Elevation: 921 m	Hole Angle: -55	Log Completed: Jan 30, 2012
	Source: GPS	Total Depth: 130.15m	Analysis by: ACME

Logged by: Lorie Farrell
Geotechnician: A. Clayton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-55.0
130.00	181.3	-54.3

Summary:	Drilled to the north of the Poplar
deposit to test an Aeroquest airborne geophysics target specifically for Ag. Intercepted feldspar porphyry monzonite and RDDK and abundant pyrite. Gypsum-carbonate-py veins are common after 95.4m. Trace Cpy is visible after 118m.	
EOH @ 130.15m	

Lions Gate Metals

Hole ID: 11-PC-112			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	18.29	OBV	Overburden						
18.29	27.11	RDDK	"Rhyodacite dyke" Post mineralization		18.29	27.11			no mineralization noted
			FG groundmass is maroon in color with 20% mm scale euhedral						
			plagioclase lathes that sometimes show alignment. 30% anheudral						
			5mm scale fspar is also present with 1% coarse biotite.						
27.11	78.50	FP Monz	Feldspar Porphyry Monzonite		27.11	79.50	5		3-5% py,scattered specular hematite, no other
			Fg groundmass with 35% mm scale anheudral feldspar phenos						mineralization noted
			Pale grey green to grey pink in color. cm scale spaced carb						
			veins may contain ag mineralization but none noticed.						
			77.11-77.41 fg mafic dyke sharp uc @ 45dtca abundant country rx @ lc						
78.50	83.40	RDDK	"Rhyodacite Dyke" Post Mineralization		79.50	83.40			no mineralization noted
			Same as 18.29-27.11, bleaching is more common.						
83.40	130.15	FP Monz	Feldspar Porphyry Monzonite		83.40	95.40	4		py diss & in veinlets
			Same as 27.11-78.50m		95.40	114.00	8		5-10% py, diss & cg in gypsum veining, trace Mo
			Abundant gypsum veining with py. Trace Mo with py in qtz-carb veining						concentrated in py-qtz veining @ 113.5m
			Trace cpy becoming visible after 118m in increased qtz veinlets.		114.00	118.51	5		diss & with qtz (+-carb) veinlets
			Hematite is present, fg black mineral sometimes associated with py.		118.51	130.20	5	tr	py diss & with qtz veinlets, trace cpy in veining
			EOH @ 130.15m						

Lions Gate Metals

[illegible]

Hole ID: 11-PC-112		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
20.42	2.13	2.18	102	1.12	53			
23.47	3.05	3.07	101	2.01	66			
26.52	3.05	3.01	99	1.24	41			
29.57	3.05	3.04	100	1.60	52			
32.61	3.04	3.03	100	1.82	60			
35.66	3.05	3.05	100	2.39	78			
38.71	3.05	3.03	99	2.58	85			
41.76	3.05	3.11	102	2.59	85			
44.81	3.05	3.03	99	2.15	70			
47.85	3.04	3.08	101	2.48	82			
50.90	3.05	3.06	100	2.52	83			
53.95	3.05	3.01	99	2.12	70			
57.00	3.05	3.04	100	2.16	71			
60.05	3.05	3.02	99	1.15	38			
63.09	3.04	3.05	100	1.50	49			
66.14	3.05	3.05	100	1.81	59			
69.19	3.05	3.07	101	0.39	13		Highly fractured throughout run.	
72.24	3.05	3.05	100	0.64	21		Highly fractured throughout run.	
75.29	3.05	3.04	100	1.81	59			
78.33	3.04	3.03	100	1.70	56			
81.38	3.05	3.05	100	1.72	56			
84.43	3.05	3.08	101	1.08	35			
87.48	3.05	3.04	100	0.37	12		Highly fractured throughout run.	
90.53	3.05	3.05	100	3.05	100			
93.57	3.04	3.11	102	3.06	101			
96.62	3.05	3.02	99	2.73	90			
99.67	3.05	3.01	99	2.58	85			
102.72	3.05	3.05	100	2.88	94			
105.77	3.05	3.00	98	2.83	93			
108.81	3.04	3.05	100	2.59	85			
111.86	3.05	3.04	100	2.67	88			
114.91	3.05	3.03	99	2.78	91			
117.96	3.05	3.00	98	2.47	81			
121.01	3.05	3.01	99	2.50	82			
124.05	3.04	3.02	99	2.76	91			
127.10	3.05	3.10	102	2.64	87			
130.15	3.05	3.03	99	2.82	92		EOH	

Hole ID: 11-PC-112		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046819	18.27	21.30	3.03		1
1046820	21.30	24.30	3.00		1+2
1046821	24.30	27.11	2.81		2+3
1046822	27.11	30.00	2.89		3
1046823	30.00	30.00	0.00	std cgs-27	
1046824	30.00	33.00	3.00		3+4
1046825	33.00	36.00	3.00		4+5
1046826	36.00	39.00	3.00		5
1046827	39.00	42.00	3.00		5+6
1046828	42.00	42.00	0.00	blank	
1046829	42.00	45.00	3.00		6+7
1046830	45.00	48.00	3.00		7
1046831	48.00	51.00	3.00		7+8
1046832	51.00	54.00	3.00		8+9
1046833	54.00	57.00	3.00		9
1046834	57.00	57.00	0.00	duplicate	9
1046835	57.00	60.00	3.00		9+10
1046836	60.00	63.00	3.00		10+11
1046837	63.00	66.00	3.00		11+12
1046838	66.00	69.00	3.00		12
1046839	69.00	72.00	3.00		12+13
1046840	72.00	75.00	3.00		13+14
1046841	75.00	77.00	2.00		14+15
1046842	77.00	78.52	1.52		15
1046843	78.52	81.00	2.48		15+16
1046844	81.00	83.40	2.40		16
1046845	83.40	86.40	3.00		16+17
1046846	86.40	86.40	0.00	std mos-1	
1046847	86.40	89.40	3.00		17+18
1046848	89.40	91.40	2.00		18
1046849	91.40	93.00	1.60		18+19
1046850	93.00	93.00	0.00	blank	
1046851	93.00	95.40	2.40		19
1046852	95.40	98.40	3.00		19+20
1046853	98.40	101.40	3.00		20+21
1046854	101.40	104.40	3.00		21
1046855	104.40	107.40	3.00		21+22
1046856	107.40	110.40	3.00		22+23
1046857	110.40	113.00	2.60		23
1046858	113.00	114.00	1.00		23
1046859	114.00	117.00	3.00		24
1046860	114.00	117.00	3.00	duplicate	24
1046861	117.00	118.50	1.50		24
1046862	118.50	121.50	3.00		25
1046863	121.50	124.50	3.00		25+26
1046864	124.50	127.50	3.00		26+27
1046865	127.50	130.15	2.65		27
EOH @ 130.15m					

2011 Poplar Drilling

Hole ID: 11-PC-113	Easting (NAD 83): 631797	Core Size: NQ	DDH Started: October 18, 2011
	Northing (NAD 83): 5987413	Hole Azimuth: 180	DDH Finished: October 19, 2011
Property: Poplar Deposit	Elevation: 921 m	Hole Angle: -55	Log Completed: Jan 30, 2012
	Source: GPS	Total Depth: 127.1m	Analysis by: ACME

Logged by: Lorie Farrell
Geotechnician: I Mitchell
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-55.0
127.00	183.2	-53.1

Summary: Drilled to the north of the Poplar Deposit to test an Aeroquest airborne survey anomaly and to test for silver. The main lithology intersected was feldsparporphyritic quartz monzonite with a short unit of intermediate dyke. Alteration is phyllic & argillic. There was large low angle qtz-py-talc veining at 98-99.36m and a qtz-py-gal-carb vein from 110.30-110.80m, pyrite is abundant through the unit, trace cpy is sometimes present and trace galena is present in carb veining after 92m. EOH @ 127.1m
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Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-113		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
51.82	53.95	2.13		0		0		Core loss between 52 & 53 m.
53.95	57.00	3.05	3.05	100	1.43	47		
57.00	60.05	3.05	3.01	99	1.05	34		
60.05	63.09	3.04	3.06	101	1.28	42		
63.09	66.14	3.05	3.01	99	0.38	12		Highly fractured.
66.14	69.19	3.05	3.02	99	0.00	0		Highly fractured.
69.19	72.24	3.05	2.20	72	0.00	0		Highly fractured.
72.24	75.29	3.05	3.02	99	0.80	26		
75.29	78.33	3.04	3.05	100	0.55	18		
78.33	81.38	3.05	2.80	92	1.16	38		
81.38	84.43	3.05	2.78	91	0.64	21		
84.43	87.48	3.05	3.05	100	2.63	86		
87.48	90.53	3.05	3.05	100	2.10	69		
90.53	93.57	3.04	2.98	98	2.38	78		
93.57	96.62	3.05	3.05	100	2.47	81		
96.62	99.67	3.05	3.05	100	2.09	69		
99.67	102.72	3.05	3.05	100	2.81	92		
102.72	105.77	3.05	2.98	98	2.89	95		
105.77	108.81	3.04	3.02	99	2.69	88		
108.81	111.86	3.05	3.05	100	2.68	88		
111.86	114.91	3.05	3.03	99	2.89	95		
114.91	117.96	3.05	3.00	98	2.81	92		
117.96	121.01	3.05	3.03	99	2.61	86		
121.01	124.05	3.04	3.05	100	2.95	97		
124.05	127.10	3.05	3.04	100	2.52	83		EOH

Hole ID: 11-PC-113		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046866	51.95	53.00	1.05		1
1046867	53.00	55.00	2.00		1
1046868	55.00	58.00	3.00		1+2
1046869	58.00	61.00	3.00		2+3
1046870	61.00	64.00	3.00		3+4
1046871	64.00	67.00	3.00		4
1046872	67.00	70.00	3.00		4+5
1046873	70.00	73.00	3.00		5+6
1046874	73.00	73.00	0.00	FCM-7	
1046875	73.00	76.00	3.00		6+7
1046876	76.00	79.00	3.00		7
1046877	79.00	82.00	3.00		7+8
1046878	82.00	85.00	3.00		8+9
1046879	85.00	85.00	0.00	BLANK	
1046880	85.00	87.00	2.00		9
1046881	85.00	87.00	2.00	DUPLICATE	9
1046882	87.00	88.34	1.34		9+10
1046883	88.34	90.53	2.19		10
1046884	90.53	92.00	1.47		10
1046885	92.00	95.00	3.00		10+11
1046886	95.00	98.00	3.00		11+12
1046887	98.00	99.35	1.35		12
1046888	99.35	102.35	3.00		12+13
1046889	102.35	102.35	0.00	CM-11-A	
1046890	102.35	105.35	3.00		13+14
1046891	105.35	108.35	3.00		14
1046892	108.35	110.00	1.65		14+15
1046893	110.00	111.00	1.00		15
1046894	111.00	111.00	0.00	BLANK	
1046895	111.00	114.00	3.00		15+16
1046896	114.00	117.00	3.00		16
1046897	117.00	120.00	3.00		16+17
1046898	120.00	123.00	3.00		17+18
1046899	123.00	126.00	3.00		18
1046900	126.00	127.10	1.10		18
EOH @ 127.1m					

2011 Poplar Drilling

Hole ID: 11-PC-114	Easting (NAD 83): 631866	Core Size: NQ	DDH Started: Oct. 19, 2011
	Northing (NAD 83): 5987049	Hole Azimuth: 177	DDH Finished: Oct. 22, 2011
Property: Poplar Deposit	Elevation: 857m	Hole Angle: -50	Log Completed: Oct. 22, 2011
	Source: GPS	Total Depth: 200.25m	Analysis by: ACME

Logged by: JWalker, LPoulton
Geotechnician: JWalker
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	177.0	-50.0
102.70	179.7	-48.6
200.25	181.6	-45.0

Summary:	Biotite Feldspar
Porphyritic Quartz Monzonite was the dominant unit throughout hole with a volcanic sediment appearing @ 165.76-181.70m. 40% fs phenos 1-5mm dominantly altered by a weak argillic alt. Intervals of pervasive silica alteration with weak-moderate biotite alt causing groundmass to appear brown/black with faint to indistinct fs phenos	
Very weak potassic alt with pink alteration halos around veining. Cpy>Py for most of the unit, disseminated and in veinlets. Averages 1.5% throughout hole. Py 0.5-2%, stronger at top of hole, becoming weaker towards the bottom, disseminated and in veinlets. Trace Bornite, trace Moly, trace Tetrahedrite? in veinlets. Strongly fractured at top of hole with rubble and gouge becoming competent @ 121.73m. Irregular local gypsum, quartz veins 40 dtca common. Stockwork veinlets appear towards bottom of hole.	
The purpose of this hole was to close the 0.10g/t gold grade shell on the north boundary of the Main Zone. The hole was also designed to retest a portion of PC-50 which reported some of the higher historical gold grades.	

Lions Gate Metals

Hole ID: 11-PC-114			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
9.14	45.55	OVB							
45.55	117.88	BFP QTZ MONZ	Biotite Feldspar Porphyritic Quartz Monzonite	45.55	117.88	2	0.2	trace	Trace up to 0.1% Mo locally in mm-cm scale qtz-Mo-py-Cpy
			40% feldspar phenos up to 1-5mm						veins, Cpy 0.2-0.4% gradually increasing downhole,
			Groundmass is fine-grained, brownish-grey coloured;						disseminated and in small veinlets
			7% biotite altered out in places.						Py 1-2% disseminated and in veinlets
			Highly fractured with small, zones of faulting with gouge						trace bornite is also present
117.88	148.71	BFP QTZ MONZ	Biotite Feldspar Porphyritic Quartz Monzonite						
			compositionally the same as above unit; highly fractured at top growing	117.88	148.71	2	0.4	tr	Py disseminated and in small veinlets
			more compotent @ 121.73m						Cpy fairly consistent, disseminated
									trace bornite present
									trace Mo present
									trace mineral - dark smokey fg associated with
									veining
148.71	165.76	BFP QTZ MONZ	Biotite Feldspar Porphyritic Quartz Monzonite	148.71	165.76	0.5	1	tr	fg cpy, diss & in veinlets more abundant than py, fg
			Compositionally appears the same as the above unit. Secondary biotite						black (tetrahedrite?) is also present in veinlets
			flooding is pervasive giving the core a dark brown-black appearance,						hematite is also present.
			phenos are still present but generally less visible due to strong alteraton						
165.76	181.70	ARG	Volcanic sediment or Biotite Feldspar Porphyritic Quart Monzonite	165.76	177.64	0.5	1.5	0.1	Cpy > Py fg, diss and in veinlets tr tetrahedrite (?)
			Finer grained, compositionally appears different, drk brown-black in	177.64	181.70	0.5	2	0.1	Cpy > Py fg, diss and in veinlets tr tetrahedrite (?)
			colour, fs phenos are non-existent or are masked by biotite alt; upper						
			and interior contact are sharp, lower contact appears to be an						
			alteration contact. Short zones of BFP Monz at 170.53-170.70m & 176.22						
			to 176.58m. Cpy>Py						
181.70	200.25	BFP QTZ MONZ	Biotite Feldspar Porphyritic Quartz Monzonite	181.70	192.48	1	1.5	0.1	Cpy > Py fg, diss and in veinlets tr tetrahedrite (?)
			Compositionally the same as 45.55-117.88	192.48	197.34	1	0.5	0.1	Py>Cpy, diss & veinlets
			Alternates around every 3 meters between drk brown-black biotite	197.34	200.25	1	1.5	tr	Cpy > Py fg, diss and in veinlets
			silica alteration and paler zones with arg alteration						
			Feldspar phenos vey obvious in arg altered zones, less so in bio alt.						
			Cpy still good but drilling was difficult so hole was shut down at						
			the target depth. HQ should be used at the top of the holes in the future						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-114			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			in this area.						
			EOH @ 200.25m						

Lions Gate Metals

[illegible]

Hole ID: 11-PC-114		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
9.14	45.55	36.41		0		0	OVB	
45.55	47.85	2.30	1.45	63	0.34	15		
47.85	50.90	3.05	1.70	56	0.00	0		
50.90	53.95	3.05	3.00	98	0.36	12	Fault	
53.95	57.00	3.05	3.12	102	0.00	0		
57.00	60.05	3.05	3.00	98	0.00	0		
60.05	63.09	3.04	3.05	100	0.00	0		
63.09	66.14	3.05	3.05	100	0.11	4		
66.14	69.19	3.05	2.80	92	0.39	13	Fault	
69.19	72.24	3.05	2.97	97	0.66	22		
72.24	75.29	3.05	3.02	99	0.50	16		
75.29	78.33	3.04	2.95	97	0.73	24		
78.33	81.38	3.05	2.95	97	0.77	25		
81.38	84.43	3.05	2.96	97	1.34	44		
84.43	87.48	3.05	2.93	96	0.83	27		
87.48	90.53	3.05	2.85	0	0.11	4		
90.53	93.57	3.04	2.82	93	0.18	6		
93.57	96.62	3.05	3.10	102	1.69	55		
96.62	99.67	3.05	2.80	92	0.37	12		
99.67	102.72	3.05	2.95	97	0.65	21		
102.72	105.77	3.05	3.05	100	0.51	17		
105.77	108.81	3.04	2.90	95	0.00	0		
108.81	111.86	3.05	2.90	95	0.00	0		
111.86	114.91	3.05	2.85	93	1.97	65		
114.91	117.96	3.05	2.90	95	1.10	36		
117.96	121.01	3.05	3.15	103	0.00	0		
121.01	124.05	3.04	2.90	95	1.68	55		
124.05	127.10	3.05	2.75	90	2.60	85		
127.10	130.15	3.05	3.03	99	2.77	91		
130.15	133.20	3.05	3.05	100	2.62	86		
133.20	136.25	3.05	3.00	98	2.57	84		
136.25	139.30	3.05	3.00	98	2.93	96		
139.30	142.34	3.04	3.02	99	2.80	92		
142.34	145.39	3.05	3.06	100	2.91	95		
145.39	148.44	3.05	3.07	101	2.84	93		
148.44	151.49	3.05	3.07	101	2.82	92		
151.49	154.53	3.04	3.02	99	2.70	89		
154.53	157.58	3.05	3.03	99	2.62	86		
157.58	160.63	3.05	3.04	100	2.95	97		
160.63	163.68	3.05	3.00	98	3.00	98		
163.68	166.73	3.05	3.10	102	2.90	95		
166.73	169.77	3.04	3.01	99	2.85	94		
169.77	172.82	3.05	3.08	101	2.43	80		
172.82	175.87	3.05	3.05	100	2.62	86		
175.87	178.92	3.05	3.02	99	2.61	86		
178.92	181.97	3.05	3.03	99	3.00	98		
181.97	185.01	3.04	3.00	99	2.72	89		
185.01	188.06	3.05	3.05	100	2.21	72		
188.06	191.11	3.05	3.06	100	2.84	93		
191.11	194.16	3.05	2.92	96	2.44	80		
194.16	197.21	3.05	2.83	93	1.41	46		
197.21	200.25	3.04	3.05	100	2.62	86	EOH	

Hole ID: 11-PC-114		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046901	45.55	48.55	3.00		3-4
1046902	48.55	51.55	3.00		4
1046903	51.55	54.55	3.00		4-5
1046904	54.55	57.55	3.00		5-6
1046905	57.55	58.60	1.05		6
1046906				Blank	
1046907	58.60	61.00	2.40		6-7
1046908	61.00	63.75	2.75		7-8
1046909	63.75	66.75	3.00		8
1046910	66.75	69.75	3.00		8-9
1046911	69.75	72.75	3.00		9-10
1046912	72.75	75.75	3.00		10-11
1046913	75.75	78.75	3.00		11
1046914	78.75	81.30	2.55		11-12
1046915	78.75	81.30	2.55	Dup	11-12
1046916	81.30	84.30	3.00		12-13
1046917	84.30	87.30	3.00		13-14
1046918	87.30	90.30	3.00		14
1046919	90.30	92.30	2.00		14-15
1046920				Std FCM-7	
1046921	92.30	93.80	1.50		15
1046922	93.80	96.80	3.00		15-16
1046923	96.80	99.80	3.00		16-17
1046924	99.80	102.72	2.92		17-18
1046925	102.72	105.72	3.00		18-19
1046926	105.72	108.72	3.00		19-20
1046927	108.72	111.72	3.00		20-21
1046928	108.72	111.72	3.00	Dup	20-21
1046929	111.72	114.72	3.00		21
1046930	114.72	116.88	2.16		21-22
1046931	116.88	117.88	1.00		22
1046932	117.88	120.88	3.00		22-23
1046933	120.88	123.88	3.00		23-24
1046934	123.88	126.88	3.00		24
1046935	126.88	129.88	3.00		24-25
1046936				Std FCM-7	
1046937	129.88	132.88	3.00		25-26
1046938	132.88	135.88	3.00		26-27
1046939	135.88	138.88	3.00		27-28
1046940	138.88	141.88	3.00		28
1046941	141.88	144.90	3.02		28
1046942	144.90	147.00	2.10		29
1046943	147.00	148.71	1.71		29
1046944	148.71	151.71	3.00		29-30
1046945	151.71	154.71	3.00		30-31
1046946	154.71	157.71	3.00		31
1046947	157.71	160.71	3.00		31-32
1046948	160.71	163.68	2.97		32-33
1046949	163.68	165.76	2.08		33
1046950	165.76	168.76	3.00		33-34
1046951	168.76	171.76	3.00		34-35
1046952	171.76	174.76	3.00		35
1046953	174.76	177.64	2.88		35-36
1046954				Blank	
1046955	177.64	180.42	2.78		36
1046956	180.42	181.70	1.28		36-37
1046957	181.70	184.70	3.00		37
1046958	184.70	187.70	3.00		37-38

Hole ID: 11-PC-114		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046959	187.70	190.70	3.00		38-39
1046960	190.70	192.48	1.78		39
1046961	192.48	195.48	3.00		39-40
1046962	195.48	197.31	1.83		40-41
1046963	197.31	200.25	2.94		41
1046964				Std CM-8	
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-115	Easting (NAD 83): 632200	Core Size: HQ & NQ	DDH Started: Oct 19 2011
	Northing (NAD 83): 5986794	Hole Azimuth: 000	DDH Finished: Oct 21 2011
Property: Poplar Deposit	Elevation: 890m	Hole Angle: -50	Log Completed: Nov 2 2011
	Source: GPS	Total Depth: 201.00m	Analysis by: ACME

Logged by: A. Ross
Geotechnician: C. Michell
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	0.0	-50.0
102.00	0.8	-49.8
201.00	5.9	-44.1

Summary: 11-PC-115 (PDH-JJ) was designed to test the southern margin of the 0.1% Cu grade shell and the 61 zone at a shallow depth. The hole was dominated by feldspar porphyritic quartz monzanite that appears cut by most commonly qtz eye rhyolite as well as a unmineralized feldspar porphyritic qtz monzanite (RDDK?). The dykes are non mineralized while the porphyritic qtz monzanite contains 1-4% disseminated py over the length of the hole while diss cpy is observed in the lower 100m of the hole. Cpy mineralization appears to increase with depth.

Lions Gate Metals

Hole ID: 11-PC-115			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	15.09	OVB	Casing to 15.00m.						
15.09	23.41	qtz mnz	Feldspar Porphyritic Quartz Monzanite		15.09	23.41	2-3		Pyrite is finely diss throughout the rock, preferentially at mafic sites and within late veins and as weak coatings on fracures.
			Light grey fld pph qtz mnz, fld phenos are 2-3mm in size, subhedral and make up 25-30% of the rock. Fld phenos are weakly clay-sericite altered. Strong fe staining on fractures from 15.09-19.25m, rock is very broken from 15.09-19.41m. Py is finely diss throughout the rock preferentially at mafic site and in late veins and as coatings along fractures. Diss </= vns. Weak local shearing and faulting.						No observed cpy or mo.
									diss </= vns
23.41	34.21	qtz rhyo	Quartz Eye Rhyolite		23.41	34.21			No observed mineralization.
			Light green qtz eye rhyolite, qtz eyes are 1-2mm, subhedral and make up 10-20% of the unit. Fld phenos are also observed, sub-anhedral, 1-3mm, making up 15-25% of the rock, commonly sericite alt and "washed" out of the rock. Sericite also forms weak coatings on select fractures. No late veining, no observed mineralization.						
			Core loss at the upper contact where there is moderate to strong clay alt over the upper 55cm. Rock is maroon proximal to the upper contact. Fractures are commonly rough and make up 2-3% of the unit.						
34.21	39.14	qtz mnz	Weakly Potassically Altered Feldspar Porphyritic Quartz Monzanite		34.21	39.14	2-4		Py is diss throughout the rock, preferentially at mafic sites and proximal to veins and fractures. Py forms weak coatings on fractures
									Diss > Vns
			Weakly potassically alt fld pph qtz mnz, fld phenos are subhedral, 1-3mm, making up 20-30% of the rock. Rock is weakly silicified and potassically alt expressed as weak k-spar alt of matrix. Py is diss throughout the rock, also occurs along fractures and within weak stockwork. Py makes up 2-4% of the rock, diss > vns						
			Rock is moderately broken with several small faults.						
39.14	43.72	qtz rhyo	Quartz Eye Rhyolite Dyke		39.14	43.72	<1		Very finely diss py along fractures. No mineralization observed within the rhyolite.
			Same as 23.41-34.21m. Unit is very broken, weak to moderate clay alteration. Py occurs within late fractures <1% py.						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-115			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
43.72	51.44	Int Dyke	Feldspar Porphyritic Amygdaloidal Intermediate Dyke	43.72	51.44				No observed mineralization.
			Maroon fld qtz pph dyke, fld phenos are 1mm up to 3mm,						
			sub-anhedral making up 20-25% of the rock. Calcite rimmed qtz filled						
			amygdules,1-3mm round to "blobby" appearance.						
			Weak sericite alt on fractures and fld phenos are also weakly sericite						
			alt. Upper and lower contact is bleached to light grey-green.						
			No observed mineralization.						
51.44	58.27	qtz mnz	Weakly Propylitically Altered Feldspar Porphyritic Quartz Monzanite	51.44	58.27	2-3			Py is diss throughout the rock, preferentially at
									mafic sites and proximal to and within late
			Weakly propylitically alt fld pph qtz mnz, fld phenos are 1-3mm,						veins. Py commonly makes up 1-3cm wide vns.
			subhedral, locally indistinct and make up 20-30% of the rock. Fld						No observed cpy or mo.
			phenos are commonly alt to clay-sericite and locally sausseritized.						Diss < Vns
			The rock is easily scratched, clay alt, chloritization is common						
			around late veins, fractures and faults.Propylitic-argillic alt						
			overprints vw to weak potassic alt. Py is diss throughout the rock,						
			preferentially at mafic sites and proximal to and within late veins.						
			Py commonly makes up 1-3cm wide veins. Diss < Vns.						
58.27	61.19	Int Dyke	Feldspar Porphyritic Amygdaloidal Intermediate Dyke	58.27	65.81				No observed mineralization
			Same as described at 43.72-51.44m. Bleached upper and lower						
			contact, weak sericite alteration on fractures and select fld phenos						
			are sericite alt. Late gypsum vn proximal to lower contact.						
			No observed mineralization.						
61.19	62.79	qtz mnz	Strongly Sheared Feldspar Porphyritic Quartz Monzanite	61.19	62.79	3-4			Py is diss throughout the rock, also makes up
									rare late veins. Py is veins is sooty and diss.
			Strongly sheared fld pph qtz mnz, upper 50cm is competant but						Diss>vns.
			broken, the lower portion of the unit is strongly sheared locally to						
			gouge and is strongly clay alt. Fld phenos are commonly indistinct,						
			1-3mm, subhedral, making up 25-30% of the rock. Py is diss						
			throughout the rock, also within veins, making up 3-4% of the unit.						
			Late veins are rare and dominantly sooty, diss py.						
			Diss>vns						
62.79	65.81	qtz rhyo	Quartz Eye Rhyolite Dyke	62.79	65.81				No observed mineralization.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
43.72	51.44		w				Weak sericite coatings on fractures and weak sericite alt of fld phenos.	43.72	51.44	fct		weak	Unit is weakly fractured, weak sericite coatings.
								51.43	51.44	cnt	20	sharp	Sharp lower contact is weakly sheared.
51.44	58.27	w	vw			vw	Alteration is dominated by late propylitic and argillic alt which overprints vweak potassic alteration. Chloritization commonly occurs at contacts and as halos around veins and stockwork. Fld phenos are commonly alt to sericite-clay and locally sausseritized.	51.44	58.27	vns	20-40	5%	Late veins make up 5% of the unit, commonly veins are 1-3cm and consist of diss py.
								51.44	58.27	st wk		4-6%	Stockwork makes up 4-6% of the unit, qtz-py.
													Small halos of chlorite are common. Stockwork appears randomly orientated.
								58.26	58.27	cnt	12		Sharp lower contact is chloritized and weakly faulted with <1cm of gouge.
58.27	65.81		w				Weak sericite coatings on fractures, select fld phenos are sericite alt. Bleached upper and lower contact.	65.80	65.81	cnt	30	sharp	Sharp lower contact, lower 3-4cm of unit are sheared and clay alt.
61.19	62.79	m-s					Upper 50cm of the unit are competent but broken. Lower portion of the unit is strongly sheared, locally gouge and strongly clay alt. Where fld phenos are evident they are clay-sericite alt and local chloritization occurs around weak stockwork.	61.19	62.79	st wk		2-3%	Weak stockwork makes up 2-3% of the unit, more evident through the upper unsheared portion of the unit. Qtz-py.
62.79	65.81	w	w-m				Fld phenos within the rhyolite are moderately	62.79	65.81	shr		weak	Weak shearing over the unit allows for increased

Lions Gate Metals

Hole ID: 11-PC-115			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Same as described 23.41-34.21m weak to moderate shearing and moderate clay-sericite alt make the rock weak and easily scratched.						
			Sharp irregular lower contact with underlying fld pph qtz mnz.						
			No observed mineralization.						
65.81	100.14	qtz mnz	Potassically Altered Feldspar Porphyritic Quartz Monzanite	65.81	100.14	3-4	trc	trc	Py is diss throughout the rock, fine to very fine preferentially occurs at mafic sites. Py is also associated with weak stockwork and late veining. Locally cpy is associated with py, especially where bt or magnetite occur. Trace cpy and mo are also observed within late veins.
			Potassically alt fld qtz mnz, fld phenos are 1-3mm, sub-euhedral making up 30-40% of the rock, fld phenos are weakly sericite alt and sausseritization is common. Alteration is dominated by weak to moderate potassic alt expressed as bt alteration and local weak to moderate magnetism, local chloritization around vns and stockwork.						
			Stockwork is weak making up 2-3% of the rock, veinlets appear to have a random orientation. Late veins make up 3-4% of the rock, commonly qtz-dol with associated py +/- trace cpy-mo. Sulphides make up 3-4% of the rock, dominantly py diss throughout the rock, trace cpy associated with py. Late veins commonly have py +/- trace cpy-mo.						
			Diss > vns						
100.14	112.44	qtz rhyo	Quartz Eye Rhyolite Dyke	100.14	112.44				No observed mineralization.
			Same as described at 23.41-34.21m. Weak clay sericite alteration along fractures and fld phenos. Sharp lower contact.						
112.44	114.22	qtz mnz	Potassically Altered Feldspar Porphyritic Quartz Monzanite	112.44	114.22	3-4			3-4% diss pyrite throughout the unit, proximal to and within late veins and stockwork and as weak coatings on fractures.
			Same as described at 65.81-100.14. Late propylitic alt locally overprints the potassic alteration, sausseritization of the fld phenos is common and chloritization around veins and fractures is weak to moderate.						
114.22	125.58	Int Dyke	Feldspar Porphyritic Amygdaloidal Intermediate Dyke	114.22	125.58				No observed mineralization.
			Feldspar pph amygdaloidal int dyke, fld phenos are 1-2mm, mostly 1mm, sub-euhedral laths, fld phenos make up 15-20% of the unit.						
			Amygdules are 1-3mm, round to irregular rounded blobs, make up						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							sericite alt, sericite also forms weak coatings						clay-sericite alteration.
							on fracures. Weak to locally moderate	65.80	65.81	cnt		sharp	Sharp irregular lower contact.
							shearing over the unit allows for increaed						
							clay-sericite alteration.						
65.81	100.14	vw	vw	w	w		Alteration is dominantly weak to moderate	65.81	100.14	st wk		2-3%	Stockwork makes up 2-3% of the unit, random
							potassic alt expressed as bt alteration and						orientation, qtz -py.
							local weak to moderate magnetism. Local	65.81	100.14	vns	20-30	3-4%	Late veins make up 3-4% of the unit, commonly
							late weak chloritization occurs proximal to						qtz-dol with associated py +/- trc cpy-mo.
							veins and fractures. Fld phenos are commonly	100.13	100.14	cnt	70	sharp	Sharp strongly clay alt lower contact, 4cm of very
							sericite alt and sausseritized.						fine gouge.
								93.30	93.34	vn	40		Breccia vein with angular to subangular clasts,
													black aphanitic matrix.
100.14	112.44	w	w				Weak clay-sericite alt along fractures, and	103.64	103.68	flt	70	w-mod	Weak to moderate fault with 2-3cm of gouge.
							fld phenos are also clay-sericite alt.	112.43	112.44	cnt	45	sharp	Irregular intrusive contact, sharp and 45 tca.
112.44	114.22	vw	w			w	Late propylitic alteration overprints weak	112.44	114.22	st wk		3-4%	Late stockwork makes up 3-4% of the unit, qtz-py
							potassic alt. Fld phenos are commonly						with weak chlorite halos.
							sausseritized or sericite-clay alt. Weak to mod	112.44	114.22	vn	20-40	2-3%	Late veins make up 3-4% of the unit, commonly
							chloritization around veins and fractures.				60	1%	qtz or qtz-dol. Associated diss py is common.
114.22	125.58	vw	w				Weak clay-sericite coatings on fractures,	114.22	125.58	frc	40-60	weak	Weak fractures make up 2-3% of the unit and
							rock is easily scratched and irregularily						commonly have clay-sericite coatings on the
							bleached, bleaching is stronger at the upper						faces.
							and lower contacts. Maroon color bleached to	125.57	125.58	cnt	25	sharp	Sharp lower contact, irregular intrusive, weak
							light green-grey.						clay alt at contact.

Lions Gate Metals

Hole ID: 11-PC-115			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			10% of the unit, commonly have an outer calcite rim with qtz filling.						
			The rock appears irregularly bleached, locally gives a mottled appearance of green and maroon. Local weak foliation of fld phenos generally 40 tca. Weak fractures make up 2-3% of the rock, generally 40-65 tca, common clay-sericite coatings on fracture faces.						
			Sharp lower contact 25tca, weak clay alteration.						
			No observed mineralization.						
125.58	157.67	qtz mnz	Potassically Altered Feldspar Porphyritic Quartz Monzanite	125.58	157.67	3-4	<1	tr	Sulphides are diss throughout the rock, also associated with late veins and stockwork.
			Grey black potassically alt fld pph qtz mnz, fld phenos are 2-3mm sub-euhedral making up 25-35% of the unit. Locally bt phenos, 1-3mm locally making up 1-2% of the unit, subhedral. Fld are commonly sericite-clay alt or weakly sausseritized. Potassic alteration is most evident and ranges from v weak to moderate and is shown by biotite flooding with associated magnetite, k-spar alt of the matrix is less obvious but is observed locally. Late propylitic alteration has sausseritized the fld phenos and locally chlorite halos occur around late veins and fractures, particularly where potassic alt is weaker.						Sulphides also associated with late veins and stockwork, locally form very weak coatings on fractures. Cpy is observed where secondary bt and magnetite are moderate to strong, also within late qtz-gypsum veins. Trace mo is observed on a fracture forming a weak coating.
			less obvious but is observed locally. Late propylitic alteration has sausseritized the fld phenos and locally chlorite halos occur around late veins and fractures, particularly where potassic alt is weaker.						Diss =/< vns
			Sulphides occur diss throughout the rock, also associated with late veins and stockwork, also locally forms weak coatings on fractures.						
			Cpy is dominantly observed where secondary bt and magnetite are moderate to strong, also observed within late qtz-gypsum veins.						
			Trace mo is observed on a fracture forming a weak coating.						
157.67	201.00	qtz mnz	Variably Porphyritic to Aphyric Feldspar Quartz Monzanite	157.67	201.00	3-4	<1-1		Sulphides are finely diss throughout the rock, preferentially at mafic sites and observed to be coarser within and proximal to late veins
	EOH		Variably pph to aphyric fld qtz mnz, unit alternates back and forth from the typical fld pph qtz mnz to aphyric qtz mnz, where fld phenos are not observed. Where fld phenos are distinct they are 1-3mm, sub-euhedral and make up 30-40% of the interval. Aphyric intervals are grey-black to brown in color and have very strong stockwork 10-15% of the unit, locally fld phenos appear relict or ghost like. Roughly equal portions of porphyritic and aphyric qtz mnz. Alteration appears to be dominated by potassic alt through both aphyric and porphyritic intervals. Potassic alt is observed as bt flooding with locally associated magnetite, local very weak k-spar alt of matrix. Silicification is weak over the unit. Late weak to locally moderate propylitic alt						stockwork . Locally py forms weak coatings on fractures. Cpy is observed to occur dominantly within late qtz-gypsum veins and where potassic is moderate. Cpy also appears to be more abundant within the aphyric intervals, finely diss throughout the rock.

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-115		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
15.00	18.00	3.00	2.14	71	0.00	0		
18.00	21.00	3.00	2.62	87	0.56	19		
21.00	24.00	3.00	3.05	102	0.72	24		
24.00	27.00	3.00	2.94	98	1.82	61		
27.00	30.00	3.00	3.00	100	2.30	77		
30.00	33.00	3.00	3.05	102	1.78	59		
33.00	36.00	3.00	3.05	102	1.94	65		
36.00	39.00	3.00	3.05	102	0.93	31		
39.00	42.00	3.00	2.84	95	1.71	57		
42.00	45.00	3.00	3.05	102	1.18	39		
45.00	48.00	3.00	3.05	102	1.60	53		
48.00	51.00	3.00	3.00	100	2.39	80		
51.00	54.00	3.00	3.00	100	1.92	64		
54.00	57.00	3.00	3.05	102	2.37	79		
57.00	60.00	3.00	3.05	102	2.48	83		
60.00	63.00	3.00	3.05	102	1.61	54		
63.00	66.00	3.00	3.05	102	2.03	68		
66.00	69.00	3.00	3.05	102	2.14	71		
69.00	72.00	3.00	2.95	98	2.64	88		
72.00	75.00	3.00	2.93	98	2.52	84		
75.00	78.00	3.00	2.96	99	2.35	78		
78.00	81.00	3.00	2.93	98	2.38	79		
81.00	84.00	3.00	3.05	102	2.62	87		
84.00	87.00	3.00	2.89	96	2.62	87		
87.00	90.00	3.00	2.89	96	2.61	87		
90.00	93.00	3.00	2.77	92	1.94	65		
93.00	96.00	3.00	2.88	96	1.62	54		
96.00	99.00	3.00	2.94	98	2.42	81		
99.00	102.00	3.00	2.90	97	1.85	62		
102.00	105.00	3.00	2.90	97	1.64	55		
105.00	108.00	3.00	2.96	99	1.78	59		
108.00	111.00	3.00	2.94	98	0.86	29		
111.00	114.00	3.00	2.72	91	2.10	70		
114.00	117.00	3.00	2.91	97	0.93	31		
117.00	120.00	3.00	2.90	97	2.63	88		
120.00	123.00	3.00	3.05	102	2.75	92		
123.00	126.00	3.00	2.88	96	2.37	79		
126.00	129.00	3.00	2.90	97	2.29	76		
129.00	132.00	3.00	2.99	100	2.60	87		
132.00	135.00	3.00	2.92	97	2.44	81		
135.00	138.00	3.00	3.00	100	2.29	76		
138.00	141.00	3.00	2.94	98	1.36	45		
141.00	144.00	3.00	2.84	95	2.29	76		
144.00	147.00	3.00	3.00	100	2.16	72		

Hole ID: 11-PC-115		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
147.00	150.00	3.00	2.98	99	2.21	74		
150.00	153.00	3.00	2.85	95	2.36	79		
153.00	156.00	3.00	3.05	102	1.87	62		
156.00	159.00	3.00	2.96	99	2.82	94		
159.00	162.00	3.00	3.01	100	2.89	96		
162.00	165.00	3.00	3.05	102	2.48	83		
165.00	168.00	3.00	2.94	98	1.64	55		
168.00	171.00	3.00	2.85	95	1.20	40		
171.00	174.00	3.00	2.98	99	2.22	74		
174.00	177.00	3.00	3.05	102	2.44	81		
177.00	180.00	3.00	3.00	100	2.80	93		
180.00	183.00	3.00	2.93	98	2.64	88		
183.00	186.00	3.00	3.00	100	2.66	89		
186.00	189.00	3.00	2.98	99	2.36	79		
189.00	192.00	3.00	3.00	100	2.28	76		
192.00	195.00	3.00	3.00	100	2.67	89		
195.00	198.00	3.00	2.90	97	1.16	39		
198.00	201.00	3.00	2.91	97	2.05	68		EOH

Hole ID: 11-PC-115		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125413	15.09	18.09	3.00		1
125414	18.09	21.09	3.00		1-2
125415	21.09	23.41	2.32		2
125416				Blank	
125417	23.41	26.41	3.00		2-3
125418	26.41	29.41	3.00		3-4
125419	29.41	32.41	3.00		4-5
125420	32.41	34.21	1.80		5
125421	34.21	37.21	3.00		5-6
125422	37.21	39.14	1.93		6
125423	39.14	41.14	2.00		6-7
125424	41.14	43.72	2.58		7
125425				Std CGS-27	
125426	43.72	46.72	3.00		7-8
125427	46.72	49.72	3.00		8-9
125428	49.72	51.44	1.72		9
125429	51.44	54.44	3.00		9-10
125430	51.44	54.44	3.00	Duplicate	9-10
125431	54.44	56.44	2.00		10
125432	56.44	58.27	1.83		10-11
125433	58.27	61.19	2.92		11
125434	61.19	62.79	1.60		11-12
125435	62.79	65.81	3.02		12
125436				Blank	
125437	65.81	68.81	3.00		12-13
125438	68.81	71.81	3.00		13-14
125439	71.81	74.81	3.00		14
125440	74.81	77.81	3.00		14-15
125441	77.81	80.81	3.00		15-16
125442	80.81	83.81	3.00		16
125443	83.81	86.81	3.00		16-17
125444	86.81	89.81	3.00		17-18
125445				Std FCM-7	
125446	89.81	92.81	3.00		18
125447	92.81	95.81	3.00		18-19
125448	95.81	98.81	3.00		19-20
125449	98.81	100.14	1.33		20
125450				Blank	
125451	100.14	103.14	3.00		20-21
125452	103.14	106.14	3.00		21
125453	106.14	109.14	3.00		21-22
125454	109.14	112.44	3.30		22-23
125455	112.44	114.22	1.78		23
125456	114.22	117.22	3.00		23-24
125457	117.22	120.22	3.00		24-25
125458	120.22	123.22	3.00		25
125459	120.22	123.22	3.00	Duplicate	25
125460	123.22	125.58	2.36		25-26
125461	125.58	128.58	3.00		26-27
125462	128.58	131.58	3.00		27
125463	131.58	134.58	3.00		27-28
125464				Blank	
125465	134.58	137.58	3.00		28-29
125466	137.58	140.58	3.00		29
125467	140.58	143.58	3.00		29-30
125468	143.58	146.58	3.00		30-31
125469	146.58	149.58	3.00		31
125470	146.58	149.58	3.00	Duplicate	31

Hole ID: 11-PC-115		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125471	149.58	152.58	3.00		31-32
125472	152.58	155.58	3.00		32-33
125473	155.58	157.67	2.09		33
125474				Std CM-8	
125475	157.67	160.67	3.00		33-34
125476	160.67	163.67	3.00		34-35
125477	163.67	166.67	3.00		35
125478	166.67	169.67	3.00		35-36
125479	169.67	172.67	3.00		36-37
125480	172.67	175.67	3.00		37
125481	175.67	178.67	3.00		37-38
125482	178.67	181.67	3.00		38-39
125483	181.67	184.67	3.00		39
125484	181.67	184.67	3.00	Duplicate	39
125485	184.67	187.67	3.00		39-40
125486	187.67	190.67	3.00		40-41
125487				Std CGS-27	
125488	190.67	193.67	3.00		41
125489	193.67	196.67	3.00		41-42
125490	196.67	199.67	3.00		42-43
125491	199.67	201.00	1.33		43
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-116	Easting (NAD 83): 632259	Core Size: NQ	DDH Started: Oct 21 2011
	Northing (NAD 83): 5986800	Hole Azimuth: 355	DDH Finished: Oct 23 2011
Property: Poplar Deposit	Elevation: 894m	Hole Angle: -50	Log Completed: November 6 2011
	Source: GPS	Total Depth: 252.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Chelsea Knight, Vir
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0	355.0	-50.0
100	338.6	-48.6
201	342.7	-48.0
252	345.5	-47.4

<p>Summary: This hole targets the south boundary of the East Zone and is expected to fill in the 0.10g/t gold grade shell to the south and east of PDH-JJ. The hole will test projected high grade copper in the 61 zone and the extension of >0.2 g/t gold grade values east of the 61 zone. The first ~115m of the hole consists of weakly to moderately potassically altered volcanic sediment with minor intercalated aphyric felsic intrusive units. The remainder of the hole consists of feldspar porphyritic quart monzonite, dominantly weakly to mod propylitically altered with localized weakly to moderately potassically altered intervals. The quartz monzonite locally changes in composition to a biotite-feldspar porphyritic quart monzonite where potassic alteration is stronger. Although the hole was anticipated to collar in >4.0 g/t silver such mineralization, if present, is not visible to the naked eye or under the handlens. Cu mineralization is rare to absent until ~200m, after which chalcopyrite is present in minor abundances (trace to 1%). Chalcopyrite occurrence is strongly correlated with localized intervals of moderately to strongly potassic alteration.</p>
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Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	12.00	ovb	Casing, overburden						
12.00	12.98	boulders	Few rolled volcanic boulders, varies from felsic to intermediate composition.						
			Locld weak to mod ironstaining.						
12.98	22.09	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	12.98	22.09	3			F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns,
									py is coarser in later vns.
			***Strong core loss from 12.00-15.00m.						
			Massive, med grey to light grey brown. Weak to mod chl+/-clay altered gdmass.						
			Gdmass is cut by 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm						
			med grey chl/clay alt halos. Rare (<1%) later, 3-5mm f.g. to m.g. qtz-f.g. py vns cut						
			stkwrk. Later, 2-4mm clear to white, f.g. gypsum+/-f.g. py+/-f.g. cal vns comprise 1%						
			of the unit. Later gypsum vns are randomly oriented and cut stkwrk and later qtz						
			vns. Weak prop alt defined by chl+/-clay alt gdmass, chl/clay stkwrk vn alt halos and						
			locld cal in later gypsum vns.						
			20.63-21.74m: Weakly brecciated with felsic (qtz-fsp) f.g. matrix. Vlc sed clasts						
			are light brown, subround and have a partially digested appearance. **qtz mnz						
			breccia pipe/dyke?***.						
			21.74-21.92m: Strong faulting at ctc. Unit is pitted and crumbly with abnt clay rich						
			gouge.						
22.09	24.42	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite Dyke	22.09	24.42	3-5			F.g. to m.g. py, diss and in later qtz vns. Vns>diss, py is
									coarser in later vns.
			Massive, light to med grey. 2-5mm white, anh to suh fsp phenos comprise 25-35%						
			of the unit. Fsp phenos are most commonly altered to clay/sericite and 3-5mm						
			in size. M.g., suh bio phenos are present as strongly altered light brown relict xls,						
			comprising 1-3% of the unit. Strongly altered, partially digested, light tan to light						
			brown volcanic sediment xenoliths 1.7-4.6cm in size comprise 5% of the unit.						
			1-2% later, randomly orientd f.g. qtz-f.g. py+/-f.g. white to cream carbonate (dol?)						
			vns.						
24.42	26.61	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	24.42	26.61	3			F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns,
									py is coarser in later vns.
			Similar to vlc sed described at 12.98-22.09m. Gdmass is mod to strongly alt to chl/						
			clay. F.g. cream dol common in later qtz and gypsum vns.						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
26.61	32.53	Pph Qtz Mnz	Porphyritic Qtz Monzonite Dyke	26.61	32.53	3-5			F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py	
			Similar to dyke described at 22.09-24.42m. 1-2mm randomly oriented f.g. qtz-f.g. py vns with 2mm med grey chl/clay alt halos comprise 1-2% of the unit and are cut by later qtz vns. F.g. cream to white carbonate (dol?) common in later qtz vns. Later qtz vns locally exhibit breccia texts, qtz-carbonate (dol?) matrix, pph qtz mnz clsts. Rare (<<1%) f.g. gypsum cut stkwrk and later qtz vns. Later qtz/gypsum vns do not exhibit a preferred orientation.						is coarser in later vns.	
32.53	76.14	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	32.53	76.14	3-5	<<1		F.g. to m.g. py, diss, in stwrk and later vns. Vns~=diss, py	
									is coarser in later vns. F.g. cpy is very, very locally diss	
			Overall massive, locld intervals with mod banding (relict bedding?) define mod strong foliation-discussed in more detail below. Variable color: light tan-olive grey-brown grey-med grey. The gdmass is v.f.g. with mod chl+/-clay alteration.						in gdmass adjacent to later carbonate vns.	
			1-2mm randomly oriented, f.g. qtz-f.g. py vns with 3-5mm med grey chl+/-clay alt halos comprise 5% of the unit. Rare (<1%) later, 3-5mm f.g. to m.g. qtz-f.g. to m.g. py vns cut stwrk. Later, 0.1-1.0cm f.g. to m.g., cream to white carbonate (dol?)-f.g. to m.g. py+/-f.g. to m.g. gypsum+/-f.g. qtz vns comprise 3% of the unit. Later carbonate vns locally exhibit drusy texts with suh to euh, m.g. to c.g. carbonate xls +/- m.g. to c.g. euh gypsum. Drusy texts are more common at top of unit. Rare, later 0.2-1.3cm f.g. gypsum vns comprise ≤1% of the unit. Gypsum vns are randomly oriented, most commonly 2-3mm and dominantly present approaching the base of the unit. All types of later vns cut stkwrk, later carbonate vns cut later qtz vns and later gypsum vns cut later qtz and carbonate vns. Intervals with mod to strong annealed fracs are common. Minor (1-2%) frac faces are partially coated with sericite.							
			44.14-44.82m: Mod core loss, strongly broken and rolled pieces of core.							
			45.08-50.73m: Strong foliation defined by alternating light tan and med to dark grey bands 50-60° tca. Genetic source of banding uncertain, no evidence of shearing. Color variation of bands suggests compositional variation-relict bedding? Relict bedding? Same weak to mod foliation @ 62.74-70.00m.							
76.14	84.21	Aphyric fel?	Aphyric Felsic Intrusive Dyke?	76.14	84.21	3			F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py	
									is coarser in later vns.	
			Massive, light grey to light olive grey. Compositionally appears similar to pph qtz mnz. F.g. to m.g. (≤1-2mm) qtz-feldspar gdmass with vw chl alt. Locally abnt (1-3%	79.41	79.41	3		<1	Trace f.g mo in later f.g. qtz-f.g. to m.g. py-f.g. mo vn.	

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
26.61	32.53	w					Very weak prop/argillic? alt is suggested by clay/sericite alt fsp phenos.	26.61	32.53	fracs		2	Frac are randomly oriented with no obvious preferred orientation.
								32.53	32.53	ctc	40	sharp	Sharp undulatory lithological ctc.
32.53	54.10	m					Mod prop alt defined by mod chl+/-clay alt gdmass, stkwrk vn chl+/clay alt halos and carbonate dominant later vns.	32.53	76.14	fracs	50-60	5	
											30-40	2	
											70	2	
54.10	57.13	m		w-m?			Gdmass is locally weakly-mod stained dk grey black (bio flooding?). Rare (<1%), 1-3mm f.g. to m.g.mag+/-f.g. hem vns. F.g. mag is very locally diss in gdmass adjacent to later vns. Bio-mag association suggests very weak pot alt. Bio = secondary.	32.53	76.14	vns	30	<1	Later qtz-py vns.
								32.53	76.14	vns		3	Later carbonate-py+/-gypsum+/-qtz vns. Vns do not exhibit a preferred orientation.
								45.08	50.73	fol	50-60	strong	Defined by alternating light tan and med-dark grey bands-relict bedding?
57.13	58.49	m					Same as described at 32.53-54.10m.						
								62.74	70.00	fol	50-60	w-m	Defined by alternating light tan and med-dark grey bands-relict bedding?
58.49	59.56	m		w-m?			Similar to described at 54.10-57.13m.						
59.56	76.14	m					Same as described at 32.53-54.10m.	76.14	76.14	ctc	60	sharp	Sharp planar lithological ctc. Few felsic dyklets with parallel 60° tca orientations approaching ctc.
76.14	84.21						Vw chl alt gdmass and stkwrk vns chl+/-clay alt halos suggest very weak prop alt.	76.14	84.21	fracs	50-60	2	
											30-40	1	
								84.21	84.21	ctc	60	?	Sharp ctc between qtz-fsp gdmass and adjacent vlc

Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
			overall) alt light brown to light olive volcanic sed xenoliths. Xenoliths are locally oriented and display banded foliation described in unit at 32.53-76.14m. Strange occurrence/appearance suggests unit is a very strongly altered volcanic sediment. Lithology difficult to determine and inconclusive.							
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2mm med grey chl+/-clay alteration halos comprise 3% of the unit. Rare (<1%) later, f.g. to m.g. qtz-f.g. to m.g. py+/-f.g. carbonate+/-f.g. mo (v locld) vns cut stkwrk vns.							
			80.47-82.17m: Volcanic sed raft similar to described at 32.53-76.14m.							
84.21	97.72	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	84.21	97.72	3			F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py is coarser in later vns.	
			Similar to unit desribed at 32.53-76.14m. Later qtz and carbonate vns rare (≤1%), later gypsum vns absent. Unit is mod to strongly fractured/broken. Weak chl/clay alt gdmass.	93.18	93.18				1cm f.g to m.g. white carbonate-f.g to m.g. honey and dark grey sph-f.g. galena (?) vn cuts stkwrk.	
			96.00m-97.72m: Mod to strong annealed fracs.							
97.72	103.90	Aphyric fel?	Aphyric Felsic Intrusive Dyke?	97.72	103.90	1-3			F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py is coarser in later vns.	
			Similar to unit described at 76.14m-84.21m. Overall, unit compositionally and text has appearance of a felsic intrusive lithology. However, locld intervals have weak light brown banding similar to unit described at 32.53m-76.14m. The banding is clearly part of the unit and not vlc sed xenoliths, suggesting the unit is a it is a very altered, bleached vlc sediment. Lower ctc with next unit (vlc sed) is gradational.							
103.91	115.68	Vlc Sed	Variably Altered Volcanic Sediment	103.91	115.68	3	<<1		F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py is coarser in later vns. V.f.g to f.g. cpy is v locally finely diss, associated with intervals of stronger bio flooding.	
			Overall massive, v locld intervals with weak banding (relict bedding?) define weak fol--described in more detail below. Variable color: dominantly med brown grey to olive brown, locally med grey, to green grey. Gdmass is v.f.g. with weak to mod chl+/-clay alt. Gdmass is locally dark grey black with partial secondary bio flooding. Portions of the gdmass are preferentially altered, generating a psuedo-breccia appearance.							
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-4mm med grey chl+/-clay alt halos comprise 1-3% of the unit. Stkwrk vns are less apparent where secondary							

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			bio flooding and/or chl/clay alt of gdmass is stronger, but are still present. Rare						
			(1%) later f.g. qtz +/-f.g. carbonate (dol?, powder fizzes with HCL) +/-f.g. py vns cut						
			stkwrk. Rare (1%) f.g. to m.g. gypsum+/-f.g. cal+/-f.g. dol+/-f.g. py vns cut stkwrk and						
			later qtz vns. Gypsum vns are randomly oriented.						
115.68	138.91	Pph Qtz Mnz	Porphyritic Qtz Monzonite with Moderate Propylitic Alteration	115.68	138.91	5	<<1		F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py
									is coarser in later vns. Py abundance locally inc to 7%.
			Massive, med green grey to med grey. 1-3mm white to light grey, anh to suh fsp						F.g. cpy is very locally present in later vns.
			phenos comprise the 35-40% of the unit. Partial to complete alt of fsp phenos to						
			sericite/clay? is common. 1-3mm, light to med green, strongly chloritized relict	124.63	125.13	5	<1		1% f.g. to m.g. mag-v.f.g. hem-f.g. py-v.f.g. cpy vns 2-5mm
			mafics (bio?) comprise 5-7% of the unit. The gdmass is dominantly mod to strongly						in size. Vns are 10-40° tca.
			chloritized and very locally weakly silicified. Mod prop alt defined by the mod to						
			strongly chloritized gdmass and strongly chloritized relict mafics.	137.55	138.03	1	<1		2cm f.g to m.g. qtz-f.g. py-f.g. cpy (intergrown in py) vn
									15° tca. Qtz vn icut by 1cm breccia vn with m.g. euh drusy
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns comprise 3% of the unit. Where						cream carbonate (dol?, powder fizzes with HCl)-f.g. py
			gdmass is more strongly chloritized, stkwrk vns are less apparent but still present.						matrix and a few randomly oriented, open space filling
			Stkwrk vn alt halos common in other units appear absent here and are likely						cream, m.g. euh carbonate-light pink m.g. gypsum vns.
			obscured by the prop alt overprint. Later, 0.5-1.2cm f.g.to m.g. qtz-f.g. to m.g. py+/-						Open space filling vns have carbonate rims, gypsum
			f.g. cpy vns comprising 1% of the unit cut qtz stkwrk vns. 1-3mm f.g. to m.g. gypsum+/-						cores.
			f.g. py +/- f.g. carbonate vns comprise 3% of the unit. Later gypsum vns are randomly						
			oriented, cut stkwrk and later qtz vns and eachother in a stockwork fashion.						
138.91	145.76	Aphyric fel	Aphyric Felsic Intrusive	138.91	145.76	3	<1		F.g. to m.g. py, diss, in stwrk and later vns. Diss>vns, py
									is coarser in later vns. F.g. cpy is locally present
			Massive, light to med grey, locally light green grey. Compositionally appears similar						in later qtz vns.
			to pph qtz mnz, fsp phenos absent. Qtz-fsp dominant gdmass, avg xl size 1-2mm.						
			Gdmass is locally weakly clay/chl alt. 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk						
			vns with 2-5mm med grey qtz alt halos comprise 3-5% of the unit. Rare (≤1%), later						
			2-4mm f.g. qtz-f.g. to m.g. py+/-f.g. cpy (intergrown in py) vns cut stkwrk.						
			145.14-145.76m: Few 0.5-1cm open space filling vns with thin (1mm) f.g. carbonate						
			(dol?, powder fizzes with HCl) rims and euh, c.g. clear gypsum cores. Open space						
			filling vns 15-20° tca. 2.5cm wide breccia vn 10° tca; ang to subang aphyric felsic						
			clast, f.g. carbonate-f.g. gypsum matrix. Breccia vn is adjacent to pitted unit with						
			minor clay gouge. Ctc is a shear plane with strong striations at 145.76m, 20° tca.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
145.76	149.26	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	145.76	149.26	3			F.g. py, diss, in stkwrk and in later vns. Diss~=vns.
			Massive, olive to olive grey. Gdmass is v.f.g. and weakly chl+/-clay alt. 1-2mm						
			randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-5mm med grey qtz alt halos						
			comprise 3-5% of the unit. Gdmass is weakly silicified where stkwrk vn abundance						
			is higher. Rare (<1%) f.g. qtz-f.g. py+/-f.g. carbonate vns cut stkwrk.						
149.26	190.85	Pph Qtz Mnz	Variably Altered Porphyritic Qtz Monzonite	149.26	190.85	3-5	≤1		F.g. to m.g. py, diss, in stkwrk and in later vns. Diss~=vns.
									F.g. cpy, in stkwrk, later vns and v locally diss. Vns>
			Massive with variable color: light grey-light grey buff- light pink brown. 1-5mm, anh						diss, cpy locally inc to 1%. Py is coarser in later vns.
			to suh, white to light grey fsp phenos comprise 40-45% of the unit. Fsp phenos are						
			most commonly 1-3mm and partially to completely sericitized. The gdmass is	160.92	160.92	>80	1		1.5cm f.g. to m.g. py-f.g. qtz-f.g. cpy vn with >80% py.
			variably altered; dominantly weakly silicified, locally weakly chl+/-clay alt. Locld						
			intervals of the gdmass is stained a pale to reddish pink (hem?). 2-4mm med grey	188.49	188.86	3	<1		Few 3-7mm f.g. cream carbonate (dol?, powder fizzes
			chl/clay alt relict mafics comprise 3-5 % of the unit, generating a locld speckled						with HCl)-f.g. py-f.g. to m.g. dark grey sph-f.g. cal-f.g. cpy-
			text.						f.g. galena vns. Vns have thin (<1mm) cal rims and are
									weakly vuggy.
			1-2mm randomly oriented f.g. qtz-f.g. py+/-f.g. cpy stkwrk vns comprise 3-5% of the						
			unit. 3-4mm med grey halos on stkwrk vns vary compositionally throughout the unit.						
			1% later, f.g. qtz-f.g. to m.g. py+/-f.g. cpy vns cut stkwrk vns. Later qtz vns are 0.5-2.0cm						
			in size and do not show a preferred orientation tca. Later, 2-4mm f.g. gypsum+/-f.g.						
			py vns comprise 1-3% of the unit. Gypsum vns cut stkwrk, later qtz vns and each other						
			and are randomly oriented.						
			Weak phyllic (?) alt is suggested by qtz dominant stkwrk vns alt halos, later vns,						
			silicified gdmass and partial to completely sericitized fsp phenos. A weak prop alt						
			overprint is locally present in the form of chl/clay alt relict mafics, locld stkwrk vn						
			chl/clay alt halos and weakly chl/clay alt gdmass. Clay is more prevalent in prop alt						
			in comparison with other units and may be indicative of a very weak argillic alt over-						
			print.						
			186.91-187.57m: Weak fault zone, unit is weakly fractured/brecciated but still						
			consolidated with minor clay rich gouge. Few 1-2mm f.g. cream carbonate (dol?, fizzes						
			with HCl)-f.g. py-f.g. dark grey sph-f.g. cpy vns. Few dark grey clay rich shear planes						
			40° tca. Gdmass is mod to strongly chloritized ~0.5-1m above and below fault zone.						
190.85	194.19	Pph Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Weak Potassic Alteration	190.85	194.19	3	<1		F.g. to m.g. py, diss, in stkwrk and in later vns. Diss~=vns.

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericit	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
145.76	149.26	w			vw		Weak prop alt defined by weakly chl/clay alt gdmass.	145.76	149.26	fracs		7	Frac are randomly oriented with no preferred orientation. Unit has locld with mod/strongly fractured sections.
								149.26	149.26	ctc		sharp	Sharp undulatory lithological ctc.
149.26	190.85	w-m	w-m		w		Weak phyllic (?) alt is suggested by qtz dominant stkwrk vns alt halos, later vns, silicified gdmass and sericitized fsp phenos. A locld weak prop alt overprint is defined by chl/clay alt relict mafics,	149.26	190.85	fracs	50-60	2	
							locld stkwrk vn chl/clay alt halos and weakly chl/clay alt gdmass. Clay is more prevalent in prop alt and may be indicative of a very weak argillic alt overprint.				30-40	1	
											70-80	<1	
								190.85	190.85	ctc		grad	Lithological ctc. Gradational over 25cm, defined by appearance of secondary bio (phenos and flooded gdmass).
190.85	194.19			w	w		Weak pot alt defined by weak silicified and	190.85	194.19	fracs	1		Frac are randomly oriented with no preferred

Lions Gate Metals

Hole ID: 11-PC-116			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
									F.g. cpy, in stkwrk, later vns and v locally diss. Vns>
			Massive, med brown grey to dark grey black. 1-3mm light grey to white, anh to suh						diss. Py is coarser in later vns.
			fsp phenos comprise 30-35% of the unit. Fsp phenos are most commonly present as						
			light grey silicified ghost xls and are v locally partially sericitized. 3% m.g. anh						
			secondary bio phenos. The gdmass is weakly silicified with locld partial flooding of						
			secondary bio. Secondary bio overall comprises 5% of the unit. The gdmass is v locally						
			stained pale pink (Kfs?, hem?). Magnetite is absent.						
			1-2mm randomly oriented f.g. qtz-f.g. py vns with 2-5mm med grey qtz alt halos						
			comprise 3% of the unit. Rare (1%), later f.g. qtz-f.g. to m.g. py+/-f.g. cpy vns cut stkwrk.						
			Later 0.2-2cm f.g. gypsum+/-f.g. py vns cut qtz stkwrk and later qtz vns. Later gypsum						
			vns are randomly oriented and most commonly 2-4mm.						
194.19	201.43	Pph Qtz Mnz	Variably Altered Porphyritic Qtz Monzonite	194.19	201.43	3-5	≤1		F.g. to m.g. py, diss, in stkwrk and in later vns. Diss~=vns.
									F.g. cpy, in stkwrk, later vns and v locally diss. Vns>
			Same as unit described at 149.26m-190.85m.						diss, cpy locally inc to 1%. Py is coarser in later vns.
			199.75m-201.84m: Bio-fsp pph qtz mnz similar to described at 190.85-194.19m.						
			Upper and lower ctcs grad over 15-25 cm.						
201.43	204.08	Pph Qtz Mnz	Bio-Fsp Porphyritic Qtz Monzonite with Moderate Potassic Alteration	201.43	204.08	3	<1		F.g. to m.g. py, diss, in stkwrk and in later vns. Diss~=vns.
									F.g. cpy, in stkwrk, later vns and v locally diss. Vns>
			Similar to unit described at 190.85-194.19m. Secondary bio phenos are suh to euh						diss. Py is coarser in later vns.
			and secondary bio flooding of gdmass is stronger. Locally weakly magnetic. Rare (<1%)						
			1-2mm magnetite vns. Secondary bio overall comprises 10-15% of unit.						
204.08	209.01	Pph Qtz Mnz	Variably Altered Porphyritic Qtz Monzonite	204.08	209.01	3-5	≤1		F.g. to m.g. py, diss, in stkwrk and in later vns. Diss~=vns.
									F.g. cpy, in stkwrk, later vns and v locally diss. Vns>
			Same as unit described at 149.26m-190.85m.						diss. Py is coarser in later vns.
209.01	252.00	Pph Qtz Mnz	Variably Altered Fsp Porphyritic Bio Qtz Monzonite	209.01	252.00	5	≤1		F.g. to m.g. py, diss, in stkwrk and later vns. Diss py>vns.
	EOH								F.g. cpy, finely diss and in later vns. Diss>vns, cpy
			Massive with variable color: med grey-med brown grey-dark grey black-black. Gdmass						commonly inc to 1%. Py is coarser in later vns.
			is mod silicified with weak to mod secondary bio flooding. Secondary bio comprises						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							partially secondary bio flooded gdmass and secondary bio phenos.						orientation.
								194.19	194.19	ctc		grad	Lithological ctc. Gradational over 10cm, defined by disappearance of secondary bio (phenos and flooded gdmass).
194.19	201.43	w-m	w-m		w		Same as unit described at 149.26m-190.85m.	194.19	201.43	fracs	50-65	<1	
											45	<1	
								201.43	201.43	ctc		grad	Lithological ctc. Gradational over 90cm, defined by appearance of secondary bio (phenos and flooded gdmass).
201.43	204.08			w-m	m		Mod pot alt defined by secondary bio phenos and mod strong secondary bio flooded and mod silicified gdmass.	201.43	204.08	fracs		1	Frac are randomly oriented with no preferred orientation.
								204.08	204.08	ctc		grad	Lithological ctc. Gradational over 4cm, defined by disappearance of secondary bio (phenos and flooded gdmass).
204.08	209.01	w-m	w-m		w		Same as unit described at 149.26m-190.85m. Silicification inc approaching lower ctc.	204.08	209.01	fracs		3	Frac are randomly oriented with no preferred orientation.
								209.01	209.01	ctc		grad	Lithological ctc. Gradational over 1.5m, defined by appearance of secondary bio (phenos and flooded gdmass).
209.01	240.70			m-s	m		Sections with secondary bio flooding +/- weak magnetism defines locld mod pot alt.	209.01	252.00	fracs	50-60	4	
											70-75	1	
											35-40	2	Most common from 225.34-229.00m.
240.70	252.00			m-s		vw-w	Strong bio floodig defined by strong secondary						

Lions Gate Metals

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Lions Gate Metals

[illegible]

HOLE ID: 11-PC-116		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
12.00	15.00	3.00	1.06	35	0.14	5		casing @ 12m, some OVB
15.00	18.00	3.00	2.97	99	1.23	41		
18.00	21.00	3.00	2.74	91	1.54	51		
21.00	24.00	3.00	2.88	96	1.14	38		
24.00	27.00	3.00	3.00	100	2.18	73		
27.00	30.00	3.00	3.00	100	2.50	83		
30.00	33.00	3.00	3.00	100	2.20	73		
33.00	36.00	3.00	2.88	96	1.94	65		
36.00	39.00	3.00	2.78	93	0.97	32		
39.00	42.00	3.00	2.98	99	1.17	39		
42.00	45.00	3.00	2.36	79	1.43	48		
45.00	48.00	3.00	2.57	86	1.34	45		
48.00	51.00	3.00	2.97	99	1.99	66		
51.00	54.00	3.00	2.98	99	0.88	29		
54.00	57.00	3.00	2.92	97	1.85	62		
57.00	60.00	3.00	2.91	97	1.61	54		
60.00	63.00	3.00	3.00	100	1.73	58		
63.00	66.00	3.00	2.92	97	1.97	66		
66.00	69.00	3.00	2.99	100	2.45	82		
69.00	72.00	3.00	3.05	102	2.82	94		
72.00	75.00	3.00	2.97	99	2.71	90		
75.00	78.00	3.00	2.73	91	2.18	73		core loss
78.00	81.00	3.00	3.05	102	2.50	83		core loss
81.00	84.00	3.00	2.87	96	1.55	52		core loss; mod broken
84.00	87.00	3.00	2.10	70	0.40	13		some rolled core
87.00	90.00	3.00	2.30	77	0.22	7		very broken
90.00	93.00	3.00	2.98	99	0.86	29		moderately broken
93.00	96.00	3.00	3.03	101	1.52	51		moderately broken
96.00	99.00	3.00	3.00	100	1.59	53		
99.00	102.00	3.00	3.02	101	1.68	56		
102.00	105.00	3.00	3.03	101	2.94	98		
105.00	108.00	3.00	3.04	101	2.57	86		
108.00	111.00	3.00	2.99	100	2.79	93		
111.00	114.00	3.00	3.00	100	2.66	89		
114.00	117.00	3.00	2.96	99	2.90	97		
117.00	120.00	3.00	2.88	96	2.88	96		solid core, appears spun @ 218.75m
120.00	123.00	3.00	2.91	97	2.91	97		
123.00	126.00	3.00	3.05	102	3.05	102		
126.00	129.00	3.00	2.91	97	2.91	97		solid core - 2.91m run
129.00	132.00	3.00	3.00	100	2.76	92		
132.00	135.00	3.00	2.92	97	2.92	97		solid core - 2.92m run
135.00	138.00	3.00	2.62	87	1.96	65		fractured @ 137.11m
138.00	141.00	3.00	2.96	99	2.30	77		
141.00	144.00	3.00	3.00	100	2.74	91		fractured at end of run
144.00	147.00	3.00	3.00	100	1.65	55		
147.00	150.00	3.00	2.97	99	1.74	58		
150.00	153.00	3.00	3.00	100	2.82	94		
153.00	156.00	3.00	3.00	100	3.00	100		
156.00	159.00	3.00	3.08	103	3.08	103		
159.00	162.00	3.00	2.97	99	2.97	99		
162.00	165.00	3.00	2.70	90	2.59	86		drill spin/redrill from 164.52-165m
165.00	168.00	3.00	3.00	100	2.58	86		
168.00	171.00	3.00	2.98	99	2.85	95		
171.00	174.00	3.00	2.95	98	2.80	93		
174.00	177.00	3.00	3.05	102	2.79	93		
177.00	180.00	3.00	3.03	101	2.90	97		
180.00	183.00	3.00	2.93	98	2.90	97		

HOLE ID: 11-PC-116		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
183.00	186.00	3.00	3.03	101	2.82	94		
186.00	189.00	3.00	3.04	101	2.79	93		
189.00	192.00	3.00	3.00	100	2.31	77		core is locally pitted, crumbly
192.00	195.00	3.00	2.96	99	2.85	95		
195.00	198.00	3.00	3.00	100	2.91	97		
198.00	201.00	3.00	3.03	101	2.90	97		
201.00	204.00	3.00	2.97	99	2.74	91		
204.00	207.00	3.00	3.03	101	2.69	90		
207.00	210.00	3.00	3.05	102	2.96	99		
210.00	213.00	3.00	2.95	98	2.78	93		
213.00	216.00	3.00	3.00	100	2.62	87		
216.00	219.00	3.00	2.97	99	2.97	99		
219.00	222.00	3.00	3.03	101	3.03	101		
222.00	225.00	3.00	3.00	100	2.76	92		
225.00	228.00	3.00	3.00	100	2.18	73		moderately broken
228.00	231.00	3.00	3.03	101	2.77	92		
231.00	234.00	3.00	2.75	92	1.90	63		moderately broken, core loss
234.00	237.00	3.00	3.00	100	3.00	100		
237.00	240.00	3.00	2.70	90	2.70	90		well consoliddated run - uncertain
240.00	243.00	3.00	2.95	98	2.51	84		
243.00	246.00	3.00	2.70	90	2.35	78		moderately broken at top of interval
246.00	249.00	3.00	3.03	101	3.03	101		
249.00	252.00	3.00	2.95	98	2.59	86		EOH

Hole ID: 11-PC-116		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125492	12.00	15.00	3.00		1
125493	15.00	18.00	3.00		1
125494	18.00	21.00	3.00		1-2
125495	21.00	22.09	1.09		2
125496	22.09	24.42	2.33		2-3
125497	24.42	26.61	2.19		3
125498	26.61	29.61	3.00		3-4
125499				Blank	
125500	29.61	32.53	2.92		4-5
125501	32.53	35.53	3.00		5
125502	35.53	38.53	3.00		5-6
125503	38.53	41.53	3.00		6-7
125504	41.53	44.53	3.00		7
125505	44.53	47.53	3.00		7-8
125506	47.53	50.53	3.00		8-9
125507	50.53	53.53	3.00		9
125508				Std CDN-CGS-27	
125509	53.53	56.53	3.00		9-10
125510	56.53	59.53	3.00		10-11
125511	59.53	62.63	3.10		11
125512				Blank	
125513	62.63	65.63	3.00		11-12
125514	65.63	68.63	3.00		12-13
125515	68.63	71.73	3.10		13-14
125516	71.73	74.73	3.00		14
125517	74.73	76.14	1.41		14-15
125518	74.73	76.14	1.41	Duplicate	14-15
125519	76.14	79.14	3.00		15
125520	79.14	82.14	3.00		15-16
125521	82.14	84.21	2.07		16-17
125522	84.21	87.21	3.00		17
125523				Std CDN-FCM-7	
125524	87.21	90.21	3.00		17-18
125525	90.21	93.21	3.00		18-19
125526	93.21	96.21	3.00		19-20
125527	96.21	97.72	1.51		20
125528				Blank	
125529	97.72	100.72	3.00		20-21
125530	100.72	103.90	3.18		21
125531	103.90	106.90	3.00		21-22
125532	106.90	109.90	3.00		22-22
125533	109.90	112.90	3.00		23-24
125534	112.90	115.68	2.78		24
125535	115.68	118.68	3.00		24-25
125536	118.68	121.68	3.00		25
125537	121.68	124.68	3.00		25-26
125538	124.68	127.68	3.00		26-27
125539	124.68	127.68	3.00	Duplicate	26-27
125540	127.68	130.68	3.00		27
125541	130.68	133.68	3.00		28
125542	133.68	136.68	3.00		28-29
125543	136.68	138.91	2.23		29
125544	138.91	141.91	3.00		29-30
125545	141.91	144.91	3.00		30-31
125546	144.91	145.76	0.85		31
125547				Std CDN-FCM-7	
125548	145.76	149.76	4.00		31-32
125549	149.26	152.26	3.00		32-33

Hole ID: 11-PC-116		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125550	152.26	155.26	3.00		33
125551	155.26	158.26	3.00		33-34
125552	158.26	161.26	3.00		34-35
125553	161.26	164.26	3.00		35
125554				Blank	
125555	164.26	167.26	3.00		35-36
125556	167.26	170.26	3.00		36-37
125557	170.26	173.26	3.00		37
125558	170.26	173.26	3.00	Duplicate	37
125559	173.26	176.26	3.00		37-38
125560	176.26	179.26	3.00		38-39
125561	179.26	182.26	3.00		39
125562	182.26	185.26	3.00		39-40
125563	185.26	188.26	3.00		40-41
125564	188.26	190.85	2.59		41
125565				Std CDN-CM-8	
125566	190.85	194.19	3.34		41-42
125567	194.19	197.19	3.00		42-43
125568	197.19	200.19	3.00		43
125569	200.19	201.43	1.24		43-44
125570				Blank	
125571	201.43	204.08	2.65		44
125572	204.08	207.08	3.00		44-45
125573	207.08	209.01	1.93		45
125574	209.01	212.01	3.00		45-46
125575	212.01	215.01	3.00		46-47
125576	212.01	215.01	3.00	Duplicate	46-47
125577	215.01	218.01	3.00		47
125578	218.01	221.01	3.00		47-48
125579	221.01	224.01	3.00		48-49
125580	224.01	227.01	3.00		49
125581	227.01	230.01	3.00		49-50
125582	230.01	233.01	3.00		50-51
125583	233.01	236.01	3.00		51
125584	236.01	239.01	3.00		51-52
125585				Std CDN-FCM-7	
125586	239.01	242.01	3.00		52-53
125587	242.01	245.01	3.00		53
125588	245.01	248.01	3.00		53-54
125589	248.01	251.01	3.00		54-55
125590	251.01	252.00	0.99	EOH	55

2011 Poplar Drilling

Hole ID: 11-PC-117	Easting (NAD 83): 632203	Core Size: HQ & NQ	DDH Started: Oct. 22, 2011
	Northing (NAD 83): 5987060	Hole Azimuth: 180	DDH Finished: Oct. 28, 2011
Property: Poplar Deposit	Elevation: 888	Hole Angle: -65	Log Completed: Oct. 29, 2011
	Source: GPS	Total Depth: 599.70m	Analysis by: ACME

Logged by: JW
Geotechnician: JW, Clinton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-60.0
102.70	187.0	-60.5
203.35	187.6	-59.7
300.91	189.7	-59.0
404.60	190.1	-57.9
505.18	190.3	-57.3
599.70	193.4	-56.5

<p>Summary:</p> <p>11-PC-117 alternated between Feldspar Porphyritic Quartz Monzonite and Quartzeye Rhyolite Dykes. The FPQM was variably altered with an increase in biotite content from 211.70-224.14m. It ranged from fine to coarse grained with a light-medium grey groundmass. Moderate to strong argillic alteration was the principal alteration replacing feldspar with weak sausseritization. Alternating intervals of potassic and propylitic alterations with groundmass appearing light brown/pink and grey/green respectively. There were also select intervals of pervasive silica/biotite alterations causing fs phenos to become faint/indistinct and groundmass to appear a dark brown/black. 10-15% veining throughout consisiting of stockwork qtz, ser?, black sooty veins and 20-50tca local qtz, calcite veins. Mineralization often visible around local veins. 5-7% Py disseminated and remobilized in quartz and gypsum veins. 0.5-1% Cpy disseminated and blebby on veins, increasing towards bottom of hole. Trace Moly was visible around select local quartz veins with Py.</p> <p>The Quartzeye Rhyolite Dyke units are fine grained, ranging between tan/cream to light olive green. 1-4mm subrounded quartz phenos and 1-4mm subhedral fs phenos, clay altered and sausseritized. Ksp? Or Hm altered in places. No mineralization was observed.</p> <p>64.80-72.0m was an intermediate? Mafic? Dyke with sheared contacts and intervals of maroon, light grey/green groundmass. Very fine grained with sub-euhedral fs phenos and quartz amygdules.</p> <p>Faulting is evident throughout the hole with moderate-heavy microdefects, consolidated gouge, cl, rubble and vuggy appearance.</p> <p>The purpose of this hole was to test historical drilling and insight high resistivity between PC-92 and PC-93.</p>

Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sei ^{ci}	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
4.57	30.29	vs	m	w	m	w-m	Vs arg alt replacing fs, local green patches with weak propylitic alt overlying original texture	4.57	15.50	fr		w	Strongly fractured, highly oxidized. Joint infill consists of mud, rubble 1-5cm
30.29	51.93	s	w	vs	s	s	vs pot/silica alt with pink/red colour overshadowing original groundmass colour. Local m-s secondary bio alt as black intervals with 1-3mm phenos. Fs phenos replaced by clay, ksp (pink), sausserite (emerald green) wispy brownish hue on localized areas of rock - bio? ser?	15.50	24.22	fr		w	Stongly fractured, no oxidation. Occasional joint infill of clay, rubble
							alt as black intervals with 1-3mm phenos. Fs phenos replaced by clay, ksp (pink), sausserite (emerald green) wispy brownish hue on localized areas of rock - bio? ser?	26.82	27.16	fz	45	s	Half of core decomp into gouge, clay, rubble
										vn	30	1	Local gypsum veins
										jn	30	s	4 joints filled with clay, rubble 1-3cm
51.93	63.07	m	w	w	s	w	Argillic alt is dominant with a w-m biotite alt with wispy black intervals	30.29	51;93	vn	30	s	Local gypsum veins 30-35tca
									36.75	fr	40	w	jnt infill 3mm of rubble and gouge
63.07	64.80	vw	vw	vw	s	w	Possible weak phyllic alt, weak propylitic alt with sausserite (soft green). Groundmass appears pale grey-brown, fine grained. Possible vw bio alt? Potassic?			vn	50	s	Core of gypsum veins replaced by Py with qtz margins
								46.30	46.66	vn	10	s	Light orange/brown gypsum vein runing along core-axis with ser alt on margins
								51.93	64.80	vn	35	s	Core of gypsum veins replaced by Py with qtz margins
												200%	stockwork gypsum/qtz veins, smokey grey
64.80	72.08	vw	m?	vw	m		Bleached to a tan colour after upper contact, Bleached at 66.38-66.40m; white with black specks @ 71.79-71.82m envelops half of the core	64.80	72.08	cn	30	s	Sharp contact, sheared
										cn	40	s	Sharp contact, sheared
										vn	30	2	Stockwork calcite veins throughout
										vn	60	s	Gypsum vein, smokey grey, broken
72.08	76.52	vs	m	vw	vw		Moderate alt of fs phenos to ser, clay	72.08		cn	40	m	Contact sharp, sheared
76.52	78.76	s	m	s	s	w	Biotite? increases with salt/pepper look of core possible Pot alt with ksp? replacing fs phenos and appearing pink/red	72.72		jn	50	s	Jn has gouge infill 1cm very black, slickenside
								72.08	76.52	fz		s	Semi-consolidated gouge, rubble, clay throughout, Initial fault contact is sharp then gradually becomes solid quartz monzonite at 76.52m
78.76	83.86	m	w	vw	s	w	Wispy brown patches on groundmass - possible pot alt? Biotite? @ 81.20m. Pot alt visible with fs phenos replaced by ksp (pink/red)						Contacts are gradual with visible increase of bio
								76.52	78.76	cn			Stockwork gypsum veins: Py evident in centre and on margins
										vn	30	1	
								78.06		jn	55	w	Jn infill is gouge, clay
								78.23		jn	60	w	Jn infill is gouge, clay
								78.86		jn	40	w	Jn infill is a dark grey gouge (chl?) slickenside
										vn	30		Pink/grey qtz veins very hard
													Py is seen remobilized in qtz veins

Lions Gate Metals

Hole ID: 11-PC-117			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
83.86	107.26	Rhyo Dyke	Quartzeye Rhyolite Dyke	83.86	107.26				Fine grained sooty black mineral, non-magnetic
			Fine grained, foliation non-existant, tan coloured groundmass with						appears as specks throughout, red streak Hm?
			20% of unit is 1-3mm phenos consisting of qtz (smokey grey, hard) and sausseritized						Py?
			(mint green soft) and ksp altered fs phenos						
107.26	134.08	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	107.26	134.08	1	<0.1		Py>Cpy diss and in veins
			Fine grained, light grey-green groundmass. 20% of unit is subhedral, 1-5mm fs phennos						Hm diss, associated with Py in veins
			109.60m biotite pervasive with groundmass appearing						Cpy diss, associated with qtz veins, Py
			black/brown. Moderate propylitic alt with core appearing pale	113.05					Calcite vein surrounded by 2mm sphalerite
			green locally						crystals with diss Cpy around the margins
			120.60-120.87m quartzeye rhyolite dyke - 1-3mm quartz phenos, fg						
			light grey. Contact is faulted with 1cm gouge. Gypsum and hm vein						
			following the contact						
			131.20-134.08m fault with pitting, gouge, most of the biotite? is replaced by						
			vs propylitic alt (Chl) dark sea-green groundmass, heavy microdefects						
134.08	142.08	Rhyo Dyke	Quartzeye Rhyolite Dyke	134.10	142.10	0			Py diss and in veinlets
			Same as described in 83.86-107.26m unit	140.50	140.56	0	tr?		Magnetite? 1.5cm with Py close to contact btwn
			137.58-138.33m fault with heavy microdefects, pitted, consolidated gouge -						fault/quartzeye rhyolite
			possibly quartz monzonite clasts? with light grey groundmass, fs phenos						
			altered to sericite						
			139.22-139.45m fault with semi-consolidated gouge, rubble, clay, with						
			contacts having slickensides						
			139.95-141m quartzeye rhyolite and fault zone alternate every 50cm						
			semi-consolidated gouge, rubble in the fault, quatzeze rhyolite is intact						
			with local minor fault intrusions						
142.08	211.70	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	142.08	148.09	1			Py diss and in veinlets, often associated
			Fine grained, light-medium grey groundmass. 30% of unit are fs phenos 1-3mm,						with quartz veins

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								83.47		jn	50	w	Jn infill is light grey mud/cl mixture, slickenside
										vn	30		pink/grey qtz veins very hard
													Py is seen remobilized in qtz veins
83.86	107.26	m	?		m	?	Moderate arg alt, sausserite, ksp? alt replacing fs phenos	83.86	107.26	fz	50	w	Semi-consolidated gouge, rubble, clay shearing around white (ser?) veins
								107.26		cn	40	s	Contact is sharp, filled with 1cm gouge
								106.36		ft	50	w	Fault 2-3cm gouge
107.26	134.08	w	m	vw	m		Variably altered, fs phenos replaced by ser, clay	107.54	107.83	vn	25	s	Gypsum veins with black magnetic margins, 2cm Hm
							Weak propylitic alt. 1m intervals throughout						on core axis, Py and Cpy visible around margins
							where biotite? is replaced by chl?/epi?	107.26	109.60	ft		s	Faulting throughout unit, pitting evident, gouge,cl
							propylitic alt is dominant with weaker arg alt						on some fracture surfaces creating slickensides
								109.60		cn	55	s	Sharp contact, 1cm consolidated gouge, rubble, slickenside
125.37	125.47	vw		vs			Brown-black biotite pervasive over fs phenos (disappear)						
131.20	134.08	m	w	w	s		arg alt and phyllic alt affecting feldspar	109.60	134.08	vn			3 Local smokey grey qtz veins with Py
							Propylitic? alt very strong with core						Local gypsum veins - hm, Py
							turning dark sea-green						Local Py veining
								131.20	134.08	ft		w	Faulted zone with heavy microdefects, pitting, soft
													gouge, upper contact marked by qtz vein 20tca and
													lower contact marked by 3cm soft gouge 60tca, prop
													alt visibly noticed in fault zone as a darker shade of
													green
134.08	142.08	m	w		m		Moderate arg alt, sausserite, ksp? alt replacing fs phenos	137.58	138.33	ft			Consolidated gouge, possibly intruding through the
													quartz monzonite with light grey groundmass
													with quartz and soft green phenos
								139.22	139.45	ft	40		Semi-consolidated gouge, rubble, clay with sharp
													contacts having slickensides
								139.95	141	ft			Intervals of quartzeye rhyolite and faulting every
													50cm with semi-consolidated gouge, rubble in the
													fault and the rhyolite being intact - fine grained,
													tan
													fault is very vuggy, heavy microdefects
142.08	148.09	s	m	vw	s		Weak phyllic alt, weak to no secondary biotite alt,	142.08	148.09	vn	25	s	Stockwork smokey grey qtz veins 25-30tca, local
							hm/potassic? staining throughout pinkish-red stain,						gypsum veins 1cm wide

Lions Gate Metals

Hole ID: 11-PC-117			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			<5% biotite 1-2mm crystals, bio increases through unit - 175.42m groundmass alternates	148.09	162.33	1	tr		1% Py diss and in veinlets, often associated with
			btwn black and medium grey. Local pervasive bio overriding fs phenos (disappear)						quartz veins
			Intervals of possible pot alt or hm staining as core appears smeared by pink/red						Cpy trace-0.1% diss
			colour, 5% fs altered to ksp? (pink) @ 154.03-158.90m.						1mm hm specks
			158.90-161.38m gradual phyllic alteration affecting feldspar	164.80	164.91				Massive Py vein 11cm in length
			185.15-185.60m weak propylitic alt, green wash over core (chl?)	162.33	211.70	1	0.2		Py diss and veins
			194-211.70m mod propylitic alt with sausserite (fs emerald green) and						Cpy diss associated with Py
			groundmass appearing green/light brown.						Py>Cpy diss and in veins, 30tca oriented?
			1-2% Py diss, veins with 0.2% diss Cpy						dark reddish-brown biotite? Hm? seen @ 185m
			Qtz veins, stockwork and local qtz, calcite veins make up 10% of unit						
			Local gouge, rubble coating fracture surfaces, creating slickensides.						
			Faults @ 162.55-162.66m contacts sharp, gouge gilled;						
			185.15-185.60m with large clasts of qtz monz? in matrix of gouge, rubble -						
			colour is emerald green due to propylitic?alt						
211.70	224.14	BF Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite	211.70	224.14	1	tr		Py 1-2% diss and in veins, associated with quartz
			Fine grained, medium grey groundmass - alternating between black and						veins
			medium grey from biotite content						Cpy trace-0.1%, associated with Py
			40% fs phenos 1-3mm, 40-50% secondary biotite with 1-2mm phenos and						
			flooding of core - black with no fs phenos present						
			Biotite? also appears as pervasive reddish-brown specks						
224.14	311.85	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite						
			Fine grained, light-medium grey groundmass 30% fs phenos 1-3mm, <5% biotite	224.14	248.50	1	0.2		1-2% Py diss and in veins, associated with quartz
			248.50-262.31m fs phenos almost completely altered out with						veins
			alternating intervals of propylitic/pot alt with weak phyllic alt.						Cpy 0.2%, diss associated with Py
			224.14-248.50m w-m propylitic flooding of groundmass turning green/grey,						Trace Tetra? - associated with Py, Hm - black/blue
			patches of light brown. Sporadic intervals of reddish-brown biotite? <1mm						colour

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure						
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments	
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength		
							fs phenos replaced by arg alt	148.09	162.33	vn	30	3	Local 1cm smokey grey quartz veins 30-35°, oriented	
148.09	182.50	m	vw	m	s	m	Mod potassic alt - ksp replacing fs (pink) local wispy pink patches throughout. Local light brown patches throughout, mod arg alt replacing fs						Local mm gypsum veins	
							weak-mod propylitic alt groundmass appearing mint green, sausserite	162.70		fz			Py veinlets	
							Biotite visible, more predominant around 175m	175.42			55	w	Alt contacts gradual	
							stockwork qtz veinlets cutting through alterations, moderately defected, vuggy, stockwork calcite veining	162.33		cn	30	w	Semi-consolidated, gouge, rubble	
							in biotite	164.80		cn	25		Lower contact, sharp, 1cm black-dark grey gouge	
							possible potassic alt/hm staining? appearing pink/rose red colour, arg alt replacing fs, biotite alt very weak	162.33	175.42	vn		1	Upper contact, sharp with 1cm gouge, slickenside	
185.60	193.00	s	w	m	s	?	fs not individually affectd by potassic alt, more smeared looking	162.55	162.66	ft			massive Py vein	
							intervals of pot/propylitic alt with groundmass apperaing pink/red and green/brown, fs phenos visible but very indistinct. Fs phenos also	193.55		jn	25	w	Stockwork veining - quartz, Py	
							appear creamy yellow, with host rock a light brown colour. Mod arg alt, weak-mod bio alt	185.15	185.60	ft	45, 35	w	dark grey gouge on fracture surface, slickensides	
191.25	211.70	m	m	w	s	m							semi-consolidated, gouge, rubble	
													Jn infill dark grey-black gouge, slickenside	
													Upper contact sharp, filled with 1cm grey	
													gouge, soft, lower contact sharp, slickenside	
								193		vn	20		large clasts of quartzeye rhyolite visible in gouge	
								175.42	194.16	vn	40	5	Large calcite vein,	
											35		Stockwork quartz, gypsum veinlets avg. 40tca	
								208.57		jn	25	w	Local Py veins mm-cm	
								194.16	211.70	vn	30	2	Slickenside jn surface, infill 1-2mm dark grey clay	
													Local smokey grey quartz veins; local calcite veins	
													Py veins throughout 30-60	
211.70	220.03	w	m	s	s		Strong secondary biotite alt, flooding of core where fs phenos are not clearly visible, groundmass is black	211.70	224.14	vn				Local smokey grey quartz veins, Py associated
							mod propylitic alt with sausserite with an overlying pervasive silical alt	221.26		vn	30	s	Calcite vein	
							pervasive secondary biotite alt, potassic alt? where groundmass appears solid black; no fs phenos visible	220.03	221.17	vn				Stockwork quartz veins
220.03	221.17			vs	s	?	same as interval 211.70-220.03m							
221.17	224.14	w	m	s	s									
224.14	236.21	m	w	w	s	m	mod to strong potassic alt? (hm?) replacing fs and flooding to give groundmass a pinkish-grey colour	236.10	245.31	vn		2		Stockwork veins of Py, quartz, calcite
							strong silica alt,	243.30		vn	35			Hm vein
234.22	235.90	m	w	s	s	w	Pervasive silica/biotite alt with groundmass	243.25		vn	30			Calcite vein - weathered out, perfect crystals of calcite visible in the vein also at 241.80m
							appearing black and fs phenos faint to indistinct	245	245.50	ft		w		Small fault with semi-consolidated gouge, rubble,

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Hole ID: 11-PC-117			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
318.69	324.24	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	318.69	324.24	5	1-1.5?		Py>Cpy, Py 5% diss and in veins
			Fine grained, medium grey groundmass, highly altered. 30% fs phenos, 4% biotite.						Cpy 1-1.5% diss and assoc. with veins
			vs mag presence with 1-2% Cpy, 5-7% Py, hm?, bio? scattered as reddish-brown colour						Hm assoc. with Py, Cpy, Mag, Biotite?/hm? - appears
			diss and in quartz veins. Very strong pervasive silica alt.						as 1mm red specks
			Quartz veins on core axis separating mag/cpy/py unit @321.60-322m.	318.69	322.00				groundmass is black, highly magnetic
			322m fs phenos less visible, groundmass is light grey due to mag? ending						
			Hm noticeable with secondary bio alt as 1mm red anhedral specks in black						
			matrix						
324.24	401.30	Rhyo Dyke	Quartzeye Rhyolite Dyke	324.24	401.30				No visible mineralization in QERD
			Fine grained, tan-cream coloured groundmass with 1-4mm subrounded	327.90	339.95	2	tr		2% Py diss, veins
			smokey grey quartz phenos and feldspar altered with arg and sausserite alterations						Trace Cpy with Py, Hm
			Weak ksp? alterations with phenos pin/red colour.						Hm diss, veins with Py
			Groundmass alternates between orange/brown (dark tan?) and pale green/grey .						
			Faulting occurs throughout with local jn infill of semi-consolidated gouge, rubble						
			with vuggy appearance. Moderately broken throughout. Intrusions of above unit @						
			327.90-329.95m, 336.20-339.95m with more faulted appearance						
			(vuggy, gouge,cl) Cpy diss with Py, Hm, moderate microdefects; Intermediate						
			Intermediate? Mafic? dyke @ 375.20-376.31m bleached at contacts, dark maroon						
			at centre of unit, very fine grained. Local soft white veins (ser?) 30tca						
401.30	438.31	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	401.30	421.31	7	1-1.5	tr	Py diss, veins dominant sulphide
			Fine grained. Upper contact sharp 35tca. Groundmass light green/brown with primary						Cpy 1-1.5% with Py along quartz veins
			texture light-medium grey, heavy microdefects, faulted with dark grey soft						margins, diss with secondary bio alt
			gouge.						Trace Moly In dolomite vein with Py>Cpy
			402.58-402.68m groundmass flooded by biotite alt?, groundmass is black						metallic blue-black, streak grey
			no fs phenos visible. Strong magnetic, black stockwork veins.						Tr Tetra? Blue/black assoc. with Py, Cpy along
			402.16-418.56m fs phenos faint with groundmass light green/brown,						veins
			411-412m dolomite veins with Py>Cpy>Moly, faulted interval with vuggy,	421.31	438.31	5		2	Py diss, veins. Dominant sulphide
			broken core pot alt? Groundmass is wispy light brown 10% bio, 10% fs with						Cpy 1.5-2%, definite increase in diss Cpy with
			strong arg alt replacing fs, strong secondary biotite? alt (red/brown specks),						biotite alt, visible with Py along quartz vein
			418.56-421.31m groundmass turns black with very visible 1-3mm euhedral						margins
			fs phenos.						
			421.31-438.31m pervasive biotite/silica flooding with groundmass						
			black, fs phenos disappear. Weak magnetism throughout, increase in Cpy,						

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Hole ID: 11-PC-117			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			stockwork veins of quartz, calcite. Intervals of fs phenos						
			appearing with strong arg alt. Lower contact @ 438.31 is faulted, groundmass						
			green/brown possible weak propylitic? alt, semi-consolidated gouge @ contact						
438.31	450.96	Rhyo Dyke	Quartzeye Rhyolite Dyke						No visible mineralization
			Fine grained, light olive green/grey colour with 1-3mm subhedral phenocrysts						
			(quartz, fs) weak arg and propylitic alterations.						
			Faulted throughout with gouge, rubble semi-consolidated to consolidated.						
			Upper and lower contacts faulted.						
			Local veinlets throughout - 2% of unit						
450.96	529.04	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	450.96	529.04	7	0.5-1	tr	Py 5-7% diss, veins
			Fine grained, light-medium grey groundmass, 30% of unit are fs phenos highly altered						Tr moly coating 3cm on core-axis break surface,
			451.95-451.65m core-axis break with massive Py vein.						also assoc. with Py & quartz veins,
			3cm coating of Moly on fracture surface - iridescent blue/black, streak						Cpy 0.5% diss, assoc. with quartz, Py
			metallic grey/black with Py. Local 1cm Py veins.	505.88	507.12				vs Cpy (0.5-1%) with vs mag
			453.50-453.57m QERD clast with gouge. Predominant pot alt throughout	512.00				tr	Trace Moly with Cpy, Py assoc. with qtz vein
			with weak propylitic and phyllic alterations						diss blue/black metallic mineral assoc. with
			451.07-451.36m fault with soft greenish/grey gouge,clay. 469.63-470.51m,						pot alt, diss Py and biotite throughout unit
			513-513.48m faults, vuggy with semi-consolidated medium grey gouge, rubble						possible tetra?moly?galena?
			505.88-507.12m, very strong propylitic alt obliterating primary trexture,						
			groundmass appears dark sea green (possible dyke,vein?) with large mag/py						
			vein with quartz margins, Cpy 0.5%, Py 5% disseminated						
529.04	531.99	Rhyo Dyke	Quartzeye Rhyolite Dyke	531.49				tr	2mm bleb on quartz vein
			Same as described above, 2mm Moly bleb? on quartz vein. Groundmass						
			light orange/tan after upper contact, fades into light olive green/grey and						
			back into the light orange before lower contact. Local quartz/gypsum veins.						
531.99	599.70	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	531.99	599.54	7	0.2	tr	Py dominant sulphide, diss and in veins
			Fine grained, medium grey groundmass with 20-30% fs, <5% biotite, 5-7% Py,						Cpy 0.1-0.2% diss, often with Py, biotite?
			0.1-0.2% Cpy, 0.1% Moly. Local and stockwork quartz veins, stockwork black sooty						Moly tr-0.1?% often on margins of veins
			veins (Py?) usually with Moly assoc. Intervals of weak-moderate potassic and propylitic						with Py.
			alt with fs and groundmass altered. Faulting is dominant throughout with						1-5mm black veins (Py?) with Moly on margins

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
438.31	450.96	s	m			s?	Strong arg alt replacing fs, Moderate phyllic alt? Replacing fs - sausserite, pot alt? (red phenos)	438.31	450.96	ft		w	Faulted throughout with vuggy appearance
													438.31-439.50m vuggy with consolidated gouge,
								446.35	446.70	ft			Core-axis break with infill of gouge, rubble
								447		jn			Infill of 1cm soft gouge, rubble
								448.38	448.60	ft			Semi-consolidated gouge, rubble, vuggy
450.96	471.23	s	w	m	m	s	Strong pot alt, groundmass pink, with fs phenos ksp? alt	450.96	529.04	vn	30-50	10	Stockwork and local quartz, ser, calcite veins
							Weak propylitic and phyllic alt. Fs phenos sausseritized						arg?py? veins 30-35tca. Dark grey hard
							Fracture surfaces coated with sericite						intervals of vuggy, weathered core assoc, with
							tortoise shell appearance (brown/green) colour where						above dark grey veins
							fs phenos fade out periodically through unit - reddish						weathered Py? veins (black, soft) either as local veins
							brown biotite? assoc. with this alt.						or as margins along quartz veins
471.23	492.23	s	w	m	m	s	Strong pot alt with fs phenos replaced by ksp - tortoise	455.50	455.57				QERD clast with gouge contact
							shell appearance throughout obliterating fs phenos	451.07	451.36	ft	35, 40	w	Fault with semi-consolidated gouge.upper and
							moderate propylitic alt throughout, with fs phenos						lower contacts sharp
							replaced by chl?/epi?, groundmass appearing mint green.	469.63	470.51	ft	35	w	Light grey soft gouge, rubble, vuggy
							weak phyllic alt with some fs phenos replaced by ser	513	513.48	ft	50	w	Dark grey soft gouge 5cm, vuggy
							strong arg alt, reddish-brown biotite appear in patches	506.12	506.62		35		Quartz margins withPy, magnetic
492.23	505.88						same as described in first alt. Interval	490.31		vn	15		0.5mm dark grey cl/gouge infill
505.88	507.12			m	w		very strong pervasive propylitic alt, groundmass dark						
							sea green - possible dyke/vein?, not a sharp contact						
507.12	529.04						Same as described in first alt. Interval						
529.04	531.99						Possible pot alt, weak phyllic? replacing fs	529.04		cn	50	w	Upper contact sharp with 1cm soft gouge
								531.49		vn	60		Quartz vein wih Moly
								531.99		cn	55	w	Lower contact sheared with 1-2mm white powdery
													infill
531.99	599.54	w	m	w	s	w	Weak to moderate intervals of pot alt with groundmass	536.05	536.32	vn	32		Quartz with Py? black margins with Moly on margins
							orange/brown colour, fs phenos disappearing, <1% replaced	539.59	540.17	ft		w	15cm semi-consolidated medium grey gouge,
							by ksp? (pink colour)						rubble, with Py veins
							weak to moderate intervals of propylitic alt with	541.91	541.94	ft	30	w	4cm semi-consolidtaed medium grey gouge, rubble
							groundmass turning pale-light green, fs phenos altered	542.39	542.50	vn	50		Vuggy quartz veins with massive Py, Moly

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							to chl?/epi? (emerald to light green, soft)	542.64	542.69	vn	45		Vuggy quartz veins with massive Py, Moly
							weak phyllic alt with fs phenos replaced by ser	542.88	542.92	vn	25		Vuggy quartz veins with massive Py, Moly
							secondary biotite alt visible throughout 1-2mm phenos	543.15	544	vn/ft	18	w	Vuggy, gouge filled black vein (py?) leading into
595.41	596.36			s			pervasive secondary biotite alt turning groundmass						fault zone, propylitic (green groundmass, gouge)
							black, fs phenos visible replaced by ser				60		vuggy with more gouge @ 543.80-543.85m 60tca
								549.87	550.66	ft	50, 25	w	Fault with semi-consolidated gouge, rubble, 4 jns with
													1-4cm gouge, rubble, py, vuggy throughout fault
								551	552.30	ft			20-50tca jns with slickenside/infill of dark grey
													cl, gouge, rubble, vuggy throughout
								553		vn	30		1.5cm Py vein
								557.96	560.42	ft		w	Fault zone, vuggy throughout, Jn infill of soft gouge,
													rubble 30°-55°, 560.27-560.42m consolidated
													green/grey gouge, rubble, pink/white vein - propylitic
													altered?
								572.82	573.24	ft/vn		w	Core-Axis break filled with 1cm soft grey gouge
								574		ft	15	w	Weathered/faulted quartz vein with black margins
													filled with 4cm grey/black gouge soft
													Faults all have heavy microdefects, very weak
								581.62	581.65	vn	32		Flor. vein with Moly on margins, filled with Py>Cpy
													purple flourescent colour

Hole ID: 11-PC-117		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
4.57	8.23	3.66	2.70	74	0.46	13	Very broken. JW tech	
8.23	11.28	3.05	3.10	102	0.65	21	Very broken	
11.28	14.33	3.05	2.80	92	0.62	20	Very broken	
14.33	17.37	3.04	3.05	100	0.12	4	Very broken	
17.37	20.42	3.05	3.10	102	0.13	4	Very broken	
20.42	23.47	3.05	2.98	98	0.10	3	Very broken	
23.47	26.52	3.05	3.05	100	1.98	65		
26.52	29.57	3.05	3.00	98	3.00	98		
29.57	32.61	3.04	3.08	101	2.91	96		
32.61	35.66	3.05	3.03	99	3.03	99		
35.66	38.71	3.05	2.96	97	2.92	96		
38.71	41.76	3.05	3.08	101	3.02	99		
41.76	44.81	3.05	3.04	100	2.96	97		
44.81	47.85	3.04	3.05	100	3.05	100		
47.85	50.90	3.05	3.05	100	3.05	100		
50.90	53.95	3.05	3.00	98	2.80	92		
53.95	57.00	3.05	3.03	99	2.96	97		
57.00	60.05	3.05	3.07	101	3.07	101		
60.05	63.09	3.04	2.72	89	2.14	70	Swith HQ to NQ @ 61.10m	
63.09	66.14	3.05	3.01	99	2.91	95		
66.14	69.19	3.05	3.11	102	2.89	95		
69.19	72.24	3.05	3.05	100	2.84	93		
72.24	75.29	3.05	3.05	100	2.85	93		
75.29	78.33	3.04	3.05	100	2.92	96		
78.33	81.38	3.05	2.98	98	2.85	93		
81.38	84.43	3.05	3.08	101	3.00	98		
84.43	87.48	3.05	3.01	99	2.75	90		
87.48	90.53	3.05	3.03	99	2.83	93		
90.53	93.57	3.04	3.01	99	2.65	87		
93.57	96.62	3.05	3.10	102	2.75	90		
96.62	99.67	3.05	3.03	99	2.95	97		
99.67	102.72	3.05	3.03	99	2.70	89		
102.72	105.77	3.05	2.97	97	2.25	74		
105.77	108.81	3.04	3.07	101	2.34	77		
108.81	111.86	3.05	3.07	101	2.88	94		
111.86	114.91	3.05	3.05	100	2.96	97		
114.91	117.96	3.05	3.05	100	2.94	96		
117.96	121.01	3.05	3.05	100	2.92	96		
121.01	124.05	3.04	3.03	100	2.89	95		
124.05	127.10	3.05	3.07	101	2.75	90		
127.10	130.15	3.05	3.04	100	2.93	96		
130.15	133.20	3.05	3.03	99	2.96	97		
133.20	136.25	3.05	2.99	98	2.87	94		
136.25	139.29	3.04	3.05	100	2.82	93		
139.29	142.34	3.05	3.07	101	2.78	91		
142.34	145.39	3.05	3.06	100	3.06	100		
145.39	148.44	3.05	3.04	100	2.89	95		
148.44	151.49	3.05	3.02	99	3.02	99		
151.49	154.53	3.04	3.01	99	2.75	90		
154.53	157.58	3.05	3.05	100	2.87	94		
157.58	160.63	3.05	3.10	102	3.06	100		
160.63	163.68	3.05	3.00	98	2.63	86		
163.68	166.73	3.05	3.05	100	2.88	94		
166.73	169.77	3.04	3.03	100	3.00	99		
169.77	172.82	3.05	2.99	98	2.78	91		
172.82	175.87	3.05	2.97	97	2.82	92		
175.87	178.92	3.05	3.04	100	2.66	87		
178.92	181.97	3.05	3.04	100	2.30	75		
181.97	185.01	3.04	3.03	100	2.75	90		

Hole ID: 11-PC-117		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
185.01	188.06	3.05	3.05	100	2.61	86		
188.06	191.11	3.05	3.10	102	3.10	102		
191.11	194.16	3.05	2.97	97	2.35	77		
194.16	197.21	3.05	2.70	89	2.10	69		
197.21	200.25	3.04	3.06	101	2.52	83		
200.25	203.30	3.05	3.23	106	3.09	101		
203.30	206.35	3.05	3.08	101	2.61	86		
206.35	209.40	3.05	3.12	102	3.12	102		
209.40	212.45	3.05	2.90	95	2.90	95		
212.45	215.49	3.04	3.01	99	3.01	99		
215.49	218.54	3.05	3.07	101	2.49	82		
218.54	221.59	3.05	3.04	100	2.99	98		
221.59	224.64	3.05	2.97	97	2.77	91		
224.64	227.69	3.05	3.05	100	3.05	100		
227.69	230.73	3.04	3.08	101	2.87	94		
230.73	233.78	3.05	2.98	98	2.57	84		
233.78	236.83	3.05	3.04	100	2.65	87		
236.83	239.88	3.05	2.97	97	2.74	90		
239.88	242.93	3.05	3.08	101	2.84	93		
242.93	245.97	3.04	3.13	103	2.65	87		
245.97	249.02	3.05	3.12	102	2.56	84		
249.02	252.07	3.05	3.00	98	2.73	90	Clinton tech	
252.07	255.12	3.05	3.05	100	2.45	80		
255.12	258.17	3.05	3.05	100	1.64	54		
258.17	261.21	3.04	2.97	98	2.63	87		
261.21	264.26	3.05	3.05	100	2.60	85		
264.26	267.31	3.05	3.05	100	2.62	86		
267.31	270.36	3.05	3.05	100	2.51	82		
270.36	273.41	3.05	3.02	99	2.78	91		
273.41	276.45	3.04	2.93	96	2.35	77		
276.45	279.50	3.05	2.90	95	2.21	72		
279.50	282.55	3.05	2.94	96	2.27	74		
282.55	285.60	3.05	3.02	99	2.62	86		
285.60	288.65	3.05	3.00	98	2.12	70		
288.65	291.69	3.04	2.90	95	1.20	39		
291.69	294.74	3.05	3.05	100	2.16	71		
294.74	297.79	3.05	3.00	98	1.53	50		
297.79	300.84	3.05	2.95	97	1.51	50		
300.84	303.89	3.05	3.05	100	2.61	86		
303.89	306.93	3.04	3.00	99	2.73	90		
306.93	309.98	3.05	3.05	100	2.85	93		
309.98	313.03	3.05	3.01	99	2.61	86		
313.03	316.08	3.05	3.02	99	2.01	66		
316.08	319.13	3.05	3.00	98	1.47	48		
319.13	322.17	3.04	3.05	100	2.40	79		
322.17	325.22	3.05	2.95	97	1.54	50		
325.22	328.27	3.05	2.96	97	1.29	42		
328.27	331.32	3.05	3.05	100	1.10	36		
331.32	334.37	3.05	3.05	100	0.20	7		
334.37	337.41	3.04	3.05	100	1.18	39		
337.41	340.46	3.05	3.05	100	2.50	82		
340.46	343.51	3.05	2.89	95	1.83	60		
343.51	346.56	3.05	3.05	100	1.45	48		
346.56	349.61	3.05	3.00	98	1.85	61		
349.61	352.65	3.04	2.90	95	1.32	43		
352.65	355.70	3.05	3.05	100	1.90	62		
355.70	358.75	3.05	2.90	95	1.82	60		
358.75	361.80	3.05	3.00	98	1.85	61		
361.80	364.85	3.05	2.98	98	1.77	58		

Hole ID: 11-PC-117		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
364.85	367.89	3.04	3.00	99	1.65	54		
367.89	370.94	3.05	2.94	96	1.13	37		
370.94	373.99	3.05	3.05	100	1.05	34		
373.99	377.09	3.10	3.05	98	0.84	27		
377.09	380.09	3.00	3.05	102	1.86	62		
380.09	383.13	3.04	2.94	97	2.09	69		
383.13	386.18	3.05	3.05	100	0.50	16		
386.18	389.23	3.05	3.05	100	1.73	57		
389.23	392.28	3.05	3.05	100	1.95	64		
392.28	395.33	3.05	3.05	100	2.07	68		
395.33	398.37	3.04	3.05	100	1.98	65		
398.37	401.42	3.05	3.05	100	2.13	70		
401.42	404.47	3.05	3.05	100	1.67	55		
404.47	407.52	3.05	3.00	98	1.88	62		
407.52	410.57	3.05	3.05	100	1.70	56		
410.57	413.61	3.04	3.00	99	2.05	67		
413.61	416.66	3.05	3.00	98	2.05	67		
416.66	419.71	3.05	2.95	97	1.53	50		
419.71	422.76	3.05	2.92	96	2.40	79		
422.76	425.81	3.05	3.00	98	2.40	79		
425.81	428.85	3.04	2.97	98	2.50	82		
428.85	431.90	3.05	2.85	93	2.13	70		
431.90	434.95	3.05	3.05	100	2.40	79		
434.95	438.00	3.05	3.05	100	2.28	75		
438.00	441.05	3.05	3.05	100	1.28	42		
441.05	444.09	3.04	2.95	97	1.00	33		
444.09	447.14	3.05	3.05	100	1.43	47		
447.14	450.19	3.05	2.95	97	1.43	47		
450.19	453.24	3.05	3.05	100	1.09	36		
453.24	456.29	3.05	2.95	97	1.94	64		
456.29	459.33	3.04	3.05	100	2.65	87		
459.33	462.38	3.05	2.97	97	2.37	78		
462.38	465.43	3.05	3.01	99	1.89	62		
465.43	468.48	3.05	3.05	100	2.11	69		
468.48	471.53	3.05	3.05	100	1.55	51		
471.53	474.57	3.04	3.05	100	2.32	76		
474.57	477.62	3.05	2.94	96	2.73	90		
477.62	480.67	3.05	2.98	98	2.37	78		
480.67	483.72	3.05	2.97	97	2.18	71		
483.72	486.77	3.05	2.95	97	1.98	65		
486.77	489.81	3.04	2.96	97	1.94	64		
489.81	492.86	3.05	2.97	97	2.27	74		
492.86	495.91	3.05	2.90	95	2.30	75		
495.91	498.96	3.05	3.02	99	1.99	65		
498.96	502.01	3.05	3.00	98	1.83	60		
502.01	505.05	3.04	2.85	94	2.14	70		
505.05	508.10	3.05	2.85	93	1.57	51		
508.10	511.15	3.05	2.98	98	2.73	90		
511.15	514.20	3.05	3.05	100	2.00	66		
514.20	517.25	3.05	3.05	100	2.27	74		
517.25	520.29	3.04	3.00	99	1.92	63		
520.29	523.34	3.05	3.01	99	1.79	59		
523.34	526.39	3.05	3.05	100	2.15	70		
526.39	529.44	3.05	3.01	99	2.01	66		
529.44	532.49	3.05	3.05	100	2.10	69		
532.49	535.53	3.04	2.96	97	2.16	71		
535.53	538.58	3.05	3.05	100	1.17	38		
538.58	541.63	3.05	3.05	100	1.26	41		
541.63	544.68	3.05	3.05	100	1.22	40		

Hole ID: 11-PC-117		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
544.68	547.73	3.05	2.90	95	1.62	53		
547.73	550.77	3.04	3.05	100	1.30	43		
550.77	553.82	3.05	2.90	95	1.25	41		
553.82	556.87	3.05	3.05	100	1.59	52		
556.87	559.92	3.05	3.02	99	1.66	54		
559.92	562.97	3.05	2.90	95	1.88	62		
562.97	566.01	3.04	2.89	95	0.77	25		
566.01	569.06	3.05	2.88	94	2.58	85		
569.06	572.11	3.05	3.02	99	2.45	80		
572.11	575.16	3.05	3.03	99	2.48	81		
575.16	578.21	3.05	2.94	96	1.99	65		
578.21	581.25	3.04	3.05	100	2.16	71		
581.25	584.30	3.05	2.98	98	2.71	89		
584.30	587.35	3.05	2.97	97	2.03	67		
587.35	590.40	3.05	2.97	97	2.26	74		
590.40	593.45	3.05	2.85	93	2.46	81		
593.45	596.49	3.04	3.05	100	1.90	63		
596.49	599.54	3.05	2.70	89	2.40	79	EOH	

Hole ID: 11-PC-117		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1046965	4.57	7.57	3.00		1
1046966	7.57	10.57	3.00		1-2
1046967	10.57	13.57	3.00		2-3
1046968	13.57	16.57	3.00		3-4
1046969	16.57	19.57	3.00		4-5
1046970	19.57	22.57	3.00		5-6
1046971	22.57	25.57	3.00		6-7
1046972	25.57	28.57	3.00		7-8
1046973			0.00	Blank	
1046974	28.57	30.29	1.72		8
1046975	30.29	33.29	3.00		9
1046976	33.29	36.29	3.00		9-10
1046977	33.29	36.29	3.00	Duplicate	9-10
1046978	36.29	39.29	3.00		10-11
1046979	39.29	42.29	3.00		11-12
1046980	42.29	45.29	3.00		12-13
1046981	45.29	48.29	3.00		13-14
1046982	48.29	50.90	2.61		14-15
1046983	50.90	51.93	1.03		15
1046984	51.93	54.93	3.00		15-16
1046985	54.93	57.93	3.00		16-17
1046986	57.93	60.93	3.00		17-18
1046987	60.93	63.07	2.14		18
1046988	63.07	64.80	1.73		18-19
1046989	64.80	66.07	1.27		19
1046990	66.07	69.07	3.00		19-20
1046991	69.07	72.08	3.01		20-21
1046992	72.08	75.08	3.00		21-22
1046993	75.08	76.52	1.44		22
1046994	76.52	78.76	2.24		22
1046995	78.76	81.76	3.00		22-23
1046996	81.76	83.86	2.10		23-24
1046997				Std FCM-7	
1046998	83.86	86.86	3.00		24
1046999	86.86	89.86	3.00		24-25
1047000	89.86	92.86	3.00		25-26
1047001	92.86	95.86	3.00		26
1047002	95.86	98.86	3.00		26-27
1047003	98.86	101.86	3.00		27-28
1047004	101.86	104.86	3.00		28
1047005	104.86	107.26	2.40		28-29
1047006	104.86	107.26	2.40	Duplicate	28-29
1047007	107.26	109.60	2.34		29-30
1047008	109.60	112.60	3.00		30
1047009	112.60	115.60	3.00		30-31
1047010	115.60	118.60	3.00		31-32
1047011	118.60	121.60	3.00		32
1047012	121.60	124.60	3.00		32-33
1047013	124.60	127.00	2.40		33
1047014	127.00	128.60	1.60		33-34
1047015				Blank	
1047016	128.60	131.20	2.60		34
1047017	131.20	134.08	2.88		34-35
1047018	134.08	136.25	2.17		35
1047019	136.25	137.58	1.33		35-36
1047020	137.58	140.10	2.52		36
1047021	140.10	142.08	1.98		36-37
1047022	142.08	145.08	3.00		37

Hole ID: 11-PC-117		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047023	145.08	148.09	3.01		37-38
1047024	148.09	151.09	3.00		38-39
1047025				Std FCM-7	
1047026	151.09	154.09	3.00		39
1047027	154.09	157.09	3.00		39-40
1047028	157.09	158.90	1.81		40
1047029	158.90	160.83	1.93		40-41
1047030				Blank	
1047031	160.83	162.33	1.50		41
1047032	162.33	165.33	3.00		41-42
1047033	165.33	168.33	3.00		42-43
1047034	168.33	171.33	3.00		43
1047035	171.33	173.00	1.67		43-44
1047036	173.00	175.42	2.42		44
1047037	173.00	175.42	2.42	Duplicate	44
1047038	175.42	178.42	3.00		44-45
1047039	178.42	180.02	1.60		45
1047040	180.02	182.25	2.23		45-46
1047041	182.25	185.15	2.90		46
1047042	185.15	187.00	1.85		46-47
1047043				Std FCM-7	
1047044	187.00	191.00	4.00		47-48
1047045	191.00	194.00	3.00		48
1047046	194.00	195.05	1.05		48-49
1047047	195.05	196.16	1.11		49
1047048	196.16	197.97	1.81		49
1047049	197.97	199.60	1.63		49-50
1047050	199.60	201.65	2.05		50
1047051	201.65	203.00	1.35		50
1047052	203.00	204.42	1.42		50-51
1047053	204.42	205.43	1.01		51
1047054	205.43	206.53	1.10		51
1047055	206.53	209.53	3.00		51-52
1047056				Blank	
1047057	209.53	211.70	2.17		52
1047058	211.70	214.70	3.00		52-53
1047059	214.70	217.70	3.00		53-54
1047060	217.70	220.03	2.33		54
1047061	220.03	221.17	1.14		54-55
1047062	221.17	224.14	2.97		55
1047063	224.14	227.14	3.00		55-56
1047064	227.14	230.14	3.00		56-57
1047065				Std CM-8	
1047066	230.14	233.14	3.00		57
1047067	233.14	234.22	1.08		57
1047068	234.22	236.21	1.99		57-58
1047069	236.21	239.21	3.00		58-59
1047070	239.21	242.21	3.00		59
1047071	242.21	243.21	1.00		59
1047072	242.21	243.21		Duplicate	
1047073	243.21	245.50	2.29		59-60
1047074	245.50	248.50	3.00		60-61
1047075	248.50	249.90	1.40		61
1047076	249.90	250.90	1.00		61
1047077	250.90	253.00	2.10		61-62
1047078	253.00	254.08	1.08		62
1047079	254.08	257.08	3.00		62-63
1047080	257.08	260.00	2.92		63

Hole ID: 11-PC-117		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047081				Blank	
1047082	260.00	262.31	2.31		63-64
1047083	262.31	265.15	2.84		64
1047084	265.15	266.34	1.19		64-65
1047085	266.34	267.40	1.06		65
1047086	267.40	270.40	3.00		65-66
1047087				Std FCM-7	
1047088	270.40	273.40	3.00		66
1047089	273.40	276.40	3.00		66-67
1047090	276.40	279.00	2.60		67
1047091	279.00	281.00	2.00		68
1047092	281.00	283.28	2.28		68
1047093	283.28	285.17	1.89		68-69
1047094	285.17	288.17	3.00		69
1047095	288.17	291.17	3.00		69-70
1047096	291.17	294.17	3.00		70-71
1047097	291.17	294.17		Duplicate	
1047098	294.17	296.10	1.93		71
1047099	296.10	298.00	1.90		71-72
1047100	298.00	299.00	1.00		72
1047101	299.00	301.00	2.00		72
1047102	301.00	304.00	3.00		72-73
1047103	304.00	307.00	3.00		73-74
1047104	307.00	309.00	2.00		74
1047105	309.00	310.10	1.10		74-75
1047106	310.10	311.85	1.75		75
1047107	311.85	314.85	3.00		75-76
1047108				Blank	
1047109	314.85	316.24	1.39		76
1047110	316.24	318.69	2.45		76
1047111	318.69	321.69	3.00		76-77
1047112	321.69	324.24	2.55		77-78
1047113	324.24	326.00	1.76		78
1047114	326.00	327.95	1.95		78-79
1047115	327.95	329.95	2.00		79
1047116	329.95	331.80	1.85		79-80
1047117				Std FCM-7	
1047118	331.8	333.50	1.70		80
1047119	333.50	336.20	2.70		80-81
1047120	336.20	337.41	1.21		81
1047121	337.41	339.95	2.54		81-82
1047122	339.95	342.95	3.00		82
1047123	342.95	345.95	3.00		82-83
1047124	345.95	348.95	3.00		83-84
1047125	345.95	348.95	3.00	Duplicate	
1047126	348.95	351.95	3.00		84
1047127	351.95	354.95	3.00		84-85
1047128	354.95	357.95	3.00		85-86
1047129	357.95	360.95	3.00		86
1047130	360.95	363.95	3.00		86-87
1047131	363.95	366.95	3.00		87-88
1047132	366.95	369.95	3.00		88
1047133	369.95	372.95	3.00		88-89
1047134	372.95	375.20	2.25		89-90
1047135	375.20	376.31	1.11		90
1047136				Blank	
1047137	376.31	379.31	3.00		90-91
1047138	379.31	382.31	3.00		91

Hole ID: 11-PC-117		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047139	382.31	385.31	3.00		91-92
1047140	385.31	388.31	3.00		92
1047141	388.31	391.31	3.00		92-93
1047142	391.31	394.31	3.00		93-94
1047143	394.31	397.31	3.00		94-95
1047144	397.31	400.31	3.00		95
1047145	400.31	401.30	0.99		95-96
1047146	401.30	403.30	2.00		96
1047147	403.30	406.30	3.00		96-97
1047148				Std FCM-7	
1047149	406.3	409.30	3.00		97-98
1047150	409.30	411.00	1.70		98
1047151	411.00	412.00	1.00		98
1047152	412.00	415.00	3.00		98-99
1047153	415.00	418.00	3.00		99-100
1047154	418.00	419.31	1.31		100
1047155	419.31	421.31	2.00		100
1047156	421.31	424.31	3.00		100-101
1047157	424.31	427.31	3.00		101-102
1047158	427.31	430.31	3.00		102
1047159	427.31	430.31	3.00	Duplicate	102
1047160	430.31	433.31	3.00		102-103
1047161	433.31	436.31	3.00		103
1047162	436.31	438.31	2.00		104
1047163	438.31	441.31	3.00		104-105
1047164	441.31	444.31	3.00		105-106
1047165	444.31	447.31	3.00		106
1047166	447.31	449.00	1.69		106-107
1047167	449.00	450.96	1.96		107
1047168	450.96	453.96	3.00		107-108
1047169				Std CM-8	
1047170	453.96	456.96	3.00		108
1047171	456.96	459.96	3.00		108-109
1047172	459.96	462.96	3.00		109-110
1047173	462.96	465.96	3.00		110
1047174	465.96	468.96	3.00		110-111
1047175	468.96	471.23	2.27		111-112
1047176	471.23	474.23	3.00		112
1047177	474.23	477.23	3.00		112-113
1047178	477.23	480.23	3.00		113-114
1047179	480.23	483.23	3.00		114
1047180	483.23	486.23	3.00		114-115
1047181				Blank	
1047182	486.23	489.23	3.00		115-116
1047183	489.23	492.23	3.00		116
1047184	492.23	496.23	4.00		116-117
1047185	496.23	498.23	2.00		117-118
1047186	498.23	501.23	3.00		118
1047187	501.23	504.23	3.00		118-119
1047188	504.23	505.88	1.65		119-120
1047189	505.88	507.12	1.24		120
1047190	507.12	510.12	3.00		120
1047191	507.12	510.12	3.00	Duplicate	120
1047192	510.12	513.12	3.00		120-121
1047193	513.12	515.77	2.65		121-122
1047194	515.77	518.77	3.00		122
1047195	518.77	521.77	3.00		122-123
1047196	521.77	524.77	3.00		123-124

Hole ID: 11-PC-117		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047197	524.77	527.77	3.00		124-125
1047198	527.77	529.04	1.27		124-125
1047199	529.04	531.99	2.95		125
1047200	531.99	534.99	3.00		125-126
1047201	534.99	537.99	3.00		126-127
1047202	537.99	540.99	3.00		127
1047203	540.99	543.99	3.00		127-128
1047204				Std - Mos 1	
1047205	543.99	546.99	3.00		128-129
1047206	546.99	549.99	3.00		129-130
1047207	549.99	552.99	3.00		130
1047208	552.99	555.99	3.00		130-131
1047209	555.99	558.99	3.00		131-132
1047210	558.99	561.99	3.00		132
1047211	561.99	564.99	3.00		132-133
1047212	564.99	567.99	3.00		133-134
1047213	567.99	570.99	3.00		134
1047214	570.99	573.99	3.00		134-135
1047215	573.99	576.99	3.00		135-136
1047216	576.99	579.99	3.00		136
1047217	579.99	582.99	3.00		136-137
1047218	582.99	585.99	3.00		137-138
1047219				Blank	
1047220	585.99	588.99	3.00		138
1047221	588.99	591.99	3.00		138-139
1047222	591.99	594.99	3.00		139-140
1047223	594.99	597.99	3.00		140
1047224	597.99	599.54	1.55		140-141
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-118	Easting (NAD 83): 632376	Core Size: NQ	DDH Started: Oct 23 2011
	Northing (NAD 83): 5986828	Hole Azimuth: 355	DDH Finished: Oct 24 2011
Property: Poplar Deposit	Elevation: 897m	Hole Angle: -50	Log Completed: November 13 2011
	Source: GPS	Total Depth: 252.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Chelsea Knight
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	355.0	-50.0
102.00	358.7	-48.4
200.00	362.6	-47.1
252.00	365.3	-46.0

<p>Summary: This hole tests the south boundary of the East zone, with the intent to fill in the 0.10 g/t gold grade shell for the central East Zone. Additionally, the hole is expected to provide information on the orientation of post mineral features in the East Zone. This hole dominantly consists of feldspar porphyritic quartz monzonite with a few sporadic, 10-16m thick volcanic sediment units (rafts?) throughout. The feldspar porphyritic quartz monzonite is intruded by post mineralized dykes of various lithologies: quartz porphyritic crystal tuff, quartz eye rhyolite and a feldspar porphyritic intrusive of undetermined composition (intermediate?). The feldspar porphyritic intrusive and quartz porphyritic crystal tuff dykes have broken and/or faulted contacts and as such orientations are indiscernable. However, the quartz eye rhyolite dykes are consistently 30-35° tca. The units that comprise this hole are predominantly weakly to moderately propylitically altered. Very weakly to weakly potassically altered intervals are minor and more common towards the bottom of the hole. The hole was anticipated to collar in >3.5 g/t silver and evidence of silver mineralization is absent. However, trace amounts of bornite is present in later quartz veins at the top of the hole. Cu mineralization is subsequently rare to absent until ~170m, after which cpy is locally present in trace amounts. Trace amounts of base metal sulphides (sph+/-galena) and/or molybdenite are commonly associated in localized, later carbonate vns.</p>

Lions Gate Metals

Hole ID: 11-PC-118			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
0.00	6.00	Ovb	Casing, overburden							
6.00	6.25	boulders	Few rounded/rolled pph intrusive boulder pieces of felsic composition.							
6.25	19.89	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	6.25	19.89	3	<<1		F.g. to m.g. py, v finely diss, in stkwrk and later qtz vns.	
									Diss>vns, py is coarser in later vns. F.g. cpy is v locally	
			Massive, light olive to light green grey. The gdmass is v.f.g. and relatively soft with perv						present on frac faces. Trace (<1%) f.g. bornite is locally	
			mod chl/clay alt. 1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm med						present on frac faces and in later vns.	
			grey chl alt halos comprise 1-2% of the unit. Minor (1%) later, 2-4mm f.g. qtz+/-f.g. to							
			m.g. py+/-f.g. bornite vns cut stkwrk vns.							
19.89	44.15	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite	19.89	44.15	3			F.g. to c.g. py, diss and in later qtz vns. Diss>vns, py is	
									coarser in later vns.	
			Massive, light to med grey. 1-5mm white to ivory, anh fsp phenos comprise 30-35%							
			of the unit. Fsp phenos are most commonly 1-3mm and partially to com	20.08	24.00	3			Few 3-5mm m.g. to c.g. py-f.g. qtz-f.g. bornite (<1%) vns	
			to clay/sericite. F.g. cream carbonate (dol?, powder fizzes) is locally present as 2-4mm						comprise <1% of the interval.	
			blebs and on frac faces. Randomly oriented stkwrk vns are absent. Rare (<1%) later,							
			f.g. qtz-f.g. to c.g. py+/-f.g. bornite vns are locally present at the top of the unit.							
			The unit is locally pitted where fsp phenos are strongly alt.							
44.15	45.74	Xl Tuff	Qtz Porphyritic Crystal Tuff	44.15	45.74				No visible mineralization.	
			Massive, dominantly brick red. The f.g. gdmass is preferentially strongly chl alt to							
			forest green, generating a mottled text. 3-5mm anh qtz phenos comprise 5% of the unit.							
			Randomly oriented stkwrk and later vns are absent.							
45.74	90.63	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Moderate Phyllic Alteration	45.74	90.63	3-5			F.g. to m.g. py diss, in stkwrk and later gypsum vns and	
									as locld diss 2-4mm blebs. Diss>vns, py is coarser in	
			Massive, light grey to grey buff. 1-5mm white, anh fsp phenos comprise 35-40% of the						later gypsum vns.	
			unit. Fsp phenos are most commonly 1-3mm and are strongly sericitized. The							
			gdmass is weakly to mod silicified and locally weakly flooded with secondary Kfs.							
			1-2mm randomly oriented f.g. qtz-f.g. py vns are rare and locld (<1% overall). 0.3-2.4cm							
			f.g. gypsum+/-f.g. py+/-f.g. qtz vns comprise 2-3% of the unit. Gypsum vns are							
			randomly oriented, most commonly 2-4mm and cut stkwrk vns and locally each other							
			in a stkwrk fashion. Later qtz/carbonate +/-py vns are rare to absent (<<1%).							

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
6.25	19.89	m					Moderate prop alt defined by perv mod chl/clay alt gdmass and stkwrk vn chl alt halos.	6.25	19.89	BZ		m-s	Broken zone, unit is moderate to strongly broken, orientation of fracs and vns unattainable.
								19.89	19.89	ctc		sharp?	Lithological ctc, orientation unattainable due to broken nature of unit. Presumably sharp.
19.89	44.15	m	m				Weak carbonate alt defined by the locld carbonate coated frac faces and locld blebs.	19.89	44.15	BZ		m-s	Unit is moderate to strongly broken, orientation of fracs and vns unattainable.
								44.15	44.15	ctc		sharp	Sharp lithological ctc. Abnt clay rich gouge at ctc, orientation unattainable.
44.15	45.74						Mod to strong, locld prop alt defined by the preferentially mod to strongly chloritized gdmass.	44.15	45.74	BZ		m-s	Broken zone: unit is moderate to strongly broken, orientation of fracs unattainable.
								44.15	44.30	fault	35	vs	Very strong fault, 15cm of clay/silt rich gouge.
								45.74	45.74	ctc		sharp	Sharp lithological ctc. Orientation unattainable due to broken nature of unit.
45.74	74.60	vw	m		w-m		Light grey, moderate phyllic alt defined by weak to mod silicified gdmass and strongly sericitized fsp phenos.	45.74	90.63	fracs		3	Fracs are randomly oriented.
								74.68	75.00	BZ		mod	Broken zone, broken and rolled pieces of core. 15cm silty sediment (gouge?) section.
74.60	90.63	vw	m		w-m	vw-w	Light grey pink, very weak pot alt with mod phyllic alt overprint.Very weak pot alt defined by weak secondary Kfs flooding of gdmass. Phyllic overprint defined by strongly sercitized fsp phenos and mod silicified gdmass.	89.31	89.90	fault	40	w	Weak fault: core is pitted with annealed fracs. Frac plane with 8cm thick light green clay rich gouge 40 ° tca.
								90.63	90.63	ctc		sharp	Sharp lithological ctc. Ctc is faulted with mod clay rich gouge, orientation tca unattainable.

Lions Gate Metals

Hole ID: 11-PC-118			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
90.63	101.00	Dyke	Fsp Porphyritic Intermediate? Intrusive Dyke	90.63	101.00				No visible mineralization	
			Massive, maroon to med grey purple. 2-7cm white, anh to suh fsp phenos comprise							
			5-7% of the unit. Fsp phenos are strongly sericitized and most commonly 2-4mm with							
			irregular ameboid-like forms. Fsp phenos are locally stained light pink to pink red							
			(hematite alt?). 2-3mm black, suh bio phenos comprise 1-3% of the unit. The gdmass							
			is f.g. to m.g. (<2mm) and relatively soft (clay alt?). Rare (<1%) f.g. white carbonate							
			(dol?, powder fizzes with HCl)+/-f.g. qtz vns 2-7cm in size are randomly oriented.							
			Fsp pph qtz mnz xenoliths at 92.50m-92.58m, 94.89-95.14m.							
101.00	108.76	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Potassic Alteration	101.00	108.76	3			F.g. to m.g. py, diss, in stkwrk and later qtz/gypsum vns.	
									Diss>vns, py is coarser in later vns.	
			Massive, dominantly light grey, locally pink grey. 1-3mm white, anh fsp phenos							
			comprise 35% of the unit. Fsp phenos are partially to completely alt to sericite.							
			The gdmass is weakly to mod silicified and locally weakly flooded with secondary Kfs.							
			1-2mm randomly oriented f.g. qtz-f.g.py vns with locld 2-4mm qtz alt halos comprise							
			1-3% of the unit. Minor (1%) later, f.g. qtz-f.g. to m.g. py vns cut stkwrk vns. 2-4mm f.g.							
			to m.g. gypsum+/-f.g. to m.g. py vns comprise 1-2% of the unit and cut stkwrk and later							
			qtz vns. Later qtz/gypsum vns are randomly oriented.							
108.76	111.59	Dyke	Fsp Porphyritic Intermediate? Intrusive Dyke	108.76	111.59				No visible mineralization.	
			Similar to unit described at 90.63-101.00m.							
111.59	112.38	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Potassic Alteration	111.59	112.38	1-3			F.g. py, diss and in stkwrk vns. Diss>vns.	
			Similar to unit described at 101.00m-108.76m. Later qtz vns absent. 1.6cm m.g. pink							
			gypsum vn. Few 1-2mm f.g. magnetite-f.g. hem vns.							
112.38	127.25	Vlc Sed	Volcanic Sediment with Weak Localised Potassic Alteration	112.38	127.25	3			F.g. to m.g. py, finely diss, in sktwrk and later carbonate/	
									qtz/gypsum vns. Vns~diss, py is coarser in later vns.	
			Massive, v.f.g., olive brown to brown grey. The gdmass is perv chl/clay alt with locld							
			dark grey black to black (secondary bio?), weakly magnetic pods and patches.							
			Secondary Kfs is absent. 1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns							
			with 2-4mm med grey chl alt halos comprise 5-7% of the unit. 1-3mm f.g. magnetite-							
			f.g. hem-f.g. py vns comprise 1-3% of the unit and cut qtz+/-f.g. py vns cut stkwrk vns.							

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-118			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Very rare (<<1%,) later, f.g. carbonate (dol?, powder fizzes with HCl) and/or f.g. qtz+/-						
			f.g. py vns. Minor (1-2%), later 0.3-1.0cm f.g. to m.g. gypsum+/-f.g. py+/-f.g. qtz vns cut						
			stkwrk and later carbonate/qtz vns. Later gypsum vns are randomly oriented.						
127.25	131.86	Aphyric Fel	Aphyric Felsic Intrusive	127.25	131.86	3			F.g. to m.g. py, diss, in stkwrk and later gypsum vns.
									Diss>vns, py is coarser in later vns.
			Massive, light grey to grey buff. Compositionally appears similar to a fsp pph qtz mnz.						
			The unit is felsic (qtz-fsp), f.g. (<3mm) and eggr. 2-7mm med grey chl+/-qtz alt mafics/						
			mafic aggregates (bio) comprise 5-7% of the unit, generating a locld spotted text.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py sktwrk vns with locld 2-3mm chl or qtz alt						
			halos comprise 1-2% of the unit. Later 2-7mm, f.g. to m.g. gypsum +/-f.g. py vns						
			comprise 1-3% of the unit. Later gypsum vns are randomly oriented and cut stkwrk						
			vns and locally each other in a stkwrk fashion. Later gypsum vns are most commonly						
			1-3mm, py is dominantly present in >4mm vns.						
131.86	147.20	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	131.86	147.20	3-5	<<1	<<1	F.g. to m.g. py, finely diss, in stkwrk and later qtz/gypsum/
									carbonate vns. Vns~diss, py is coarser in later vns. F.g.
			Massive, v.f.g., light olive to olive brown. The gdmass is perv chl/clay alt. 1-2mm						cpy is v locally present in later qtz vns. F.g. mo is v locally
			randomly oriented f.g. qtz+/-f.g. py sktwrk vns with 2-4mm med grey chl alt halos						present in later carbonate vns.
			comprise 5% of the unit. Later, randomly oriented 3-9mm f.g. qtz-f.g. to m.g. py+/-f.g.						
			magnetite*+/-f.g. hematite*+/-f.g. cpy (v locld) vns comprise 1-3% of the unit and cut						
			sktwrk vns. Later 2-5mm f.g. to m.g. gypsum +/- f.g. py vns comprise 1-2% of the unit.						
			Later gypsum vns are randomly oriented and cut stkwrk vns. 1-2mm light cream, f.g.						
			carbonate (dol?, powder fizzes with HCl)+/-f.g. py+/- f.g. mo (v locld) vns are v locally						
			present (<<1%). *Magnetite and hematite are more commonly present than absent						
			in later qtz vns.						
147.20	153.66	Qtz Eye Rhy	Qtz Eye Rhyolite	147.20	153.66				No visible mineralization.
			Massive, buff to med pink-tan. The gdmass is v.f.g. to f.g. and mod to strongly clay alt.						
			2-5mm anh to suh smoky qtz phenos comprise 5% of the unit. 2-4mm v light green, anh						
			weakly to mod sausseritized fsp phenos comprise 5-7% of the unit. V rare (<<1%)						
			2-4mm m.g. gypsum vns.						
153.66	167.63	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	153.66	167.63	3			F.g. to c.g. py, finely diss, in stkwrk and later qtz/gypsum
									vs. Diss>vns, py is coarser in later vns.
			Massive, light grey buff to light green grey. 1-5mm white, anh fsp phenos comprise						
			35% of the unit. Fsp phenos are most commonly 1-3mm and are locally	159.16	159.31	7-10			Few later f.g. gypsum-f.g. to m.g. py vns. Minor (3-5%)

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-118			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
			to sericite. Locally fsp phenos dec in abundance and the unit takes on an aphyric appearance. 2-4mm med grey chl alt relict mafics (bio?) comprise 3-5% of the unit						2-4mm diss py blebs.	
			and generates a locally spotted/mottled text. The gdmass is weakly to m	161.17	161.17	3		<<1	2mm f.g. cream carbonate (dol?)-f.g. to m.g. sph-f.g. py-	
			alt and locally very weakly flooded with secondary Kfs. Secondary bio and magnetite						f.g. mo vn cut by 1cm pink gypsum vn.	
			is absent.							
				161.70	161.77	>80			8cm m.g. to c.g. py-f.g. qtz vn with >80% py. Minor clay	
			1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with 2-4mm med grey qtz alt						rich gouge at upper ctc.	
			halos comprise 3% of the unit. Rare (1%) later, randomly oriented 3-5mm f.g. qtz+/-f.g.							
			to m.g. py vns cut stkwrk vns. Later 0.4-1.5cm, randomly oriented f.g. to m.g. gypsum+/-							
			f.g. to c.g. py vns comprise 3% of the unit. Later gypsum vns are most commonly 2-4mm							
			and py is dominantly present in >4mm vns.							
			155.85m-158.81m: Vlc sediment raft with very weak pot alt and weak prop alt							
			overprint. Light green grey to grey buff. 3% randomly oriented 1-2mm f.g. qtz+/-f.g. py							
			stkwrk vns with 3-4mm med grey chl alt halos. Rare (<1%) later, f.g. qtz +/-f.g. py and f.g.							
			gypsum+/-f.g. py vns cut stkwrk vns.							
167.63	186.96	Vlc Sed	Volcanic Sediment with Weak Propylitic Alteration	167.63	186.96	3-5	≤1		F.g. to m.g. py, finely diss, in sktwrk and later qtz/	
									carbonate/gypsum vns. Vns~=diss, py is coarser in later	
			Massive, v.f.g. (aph), eggr, light to med brown grey. The gdmass is weakly to mod chl						carbonate/gypsum vns. F.g. to m.g. cpy in stkwrk and	
			and/or clay alt, v locally silicified and locally stained dark grey black (non-magnetic,						later qtz/carbonate/gypsum vns. Cpy is coarser in later	
			weak secondary bio flooding?).						carbonate/gypsum vns.	
			1-2mm randomly oriented f.g. qtz+/-f.g. py+/-v.f.g. cpy stwrk vns with 2	180.34	180.34	5	1		3mm f.g. to m.g. gypsum-m.g. to c.g. py-m.g. cpy-f.g.	
			alt halos comprise 5% of the unit. Alt halos are dominantly composed of chl, locally						carbonate (dol?) vn.	
			of qtz. 1-3% later, 0.3-1.2cm f.g. qtz-f.g. py+/-f.g. cpy+/-f.g. to m.g. gypsum vns cut stkwrk							
			vns. Rare (<1%), later randomly oriented 3-5mm f.g. white to cream carb (dol?, powder							
			fizzes with HCl)-f.g. py+/-f.g. to m.g. sph+/-f.g. cpy+/-v.f.g. galena?/mo? vns cut stkwrk							
			and later qtz vns. Later, 2-5mm f.g. to m.g. gypsum+/-f.g. to m.g. py+/-f.g. carbonate							
			(dol?)+/-f.g. to m.g. cpy vns comprise 1-3% of the unit. Gypsum vns are randomly							
			oriented and cut stkwrk and later qtz/carbonate vns.							
			178.52-178.59m: Matrix sup breccia vn; ang vlc sed clsts, f.g. to m.g. gypsum-f.g.							
			carbonate (dol?)-f.g. py matrix. Matrix has open space filling text, thin (<1mm)							
			carbonate (dol?) rims, gypsum-py cores.							
186.96	248.16	Pph Qtz Mnz	Variably Altered Fsp Porphyritic Qtz Monzonite	186.96	245.58	5	≤1		F.g. to m.g. py, diss and in sktwrk and later qtz/gypsum	

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								161.21	161.45	fault	70	Mod	Mod strong fault, 24cm thick gouge.
								167.63	167.63	ctc	80	sharp	Sharp lithological ctc. Minor clay rich gouge at ctc.
167.63	186.96	w-m			vw		Weak prop alt defined by the weakly to mod	167.63	186.96	fracs	60-70	2-3	
							chl/clay alt gdmass and chl dominant qtz stkwrk				40-50	<1	
							vn alt halos.						
								167.63	186.96	vns	40-50	1-2	Later qtz-py+/-cpy+/-gypsum vns.
											20-30	<1	
								171.25	171.78	fault	55	weak	Few fracs with 3-4cm clay rich gouge infill and 55 ° tca
													orientations.
								186.96	186.96	ctc	60	sharp	Sharp planar lithological ctc.
186.96	214.45	vw	vw		w-m	vw-w	Light grey buff, locally light green grey. Very weak	186.96	245.58	fracs	60-70	3-5	Fracs are dominantly randomly oriented with locld

Lions Gate Metals

Hole ID: 11-PC-118			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
									vns. Vns~=diss, py is coarser in later vns. F.g. to m.g. cpy,
			Massive, dominantly light grey buff, locally light green grey. 2-5mm white to light						in later qtz vns and locally on frac planes. Cpy abundance
			green, anh to suh fsp phenos comprise 40% of the unit. Fsp phenos are most						locally inc to 1%.
			commonly 3-5% and are locally weakly sausseritized or partially alt to sericite.						
			The gdmass is dominantly v pale pink/buff, weakly flooded with second	197.45	198.15	3		<1	A few later, randomly oriented 3-5mm f.g. qtz-f.g. white
			weakly to mod silicified. The gdmass is locally weakly to mod chloritized with a weak						(dol?, powder fizzes)-f.g. to m.g. cream to light tan sph-
			silicification overprint. Secondary bio is very rare to absent. 2-4mm med grey						f.g. mo vns.
			chl?+/-qtz alt relict mafics (bio?) comprise 5% of the unit, generating a locld spotted						
			text.	210.55	210.55	>90	2		4cm m.g. py-f.g. to m.g. cpy vn with >90% py, 2% cpy.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-5mm med g	212.85	212.93	65	2-3		Few 2-3mm f.g. py-f.g.cpy-f.g. qtz vns. 1.5cmx3.4cm pod
			comprise 3-5% of the unit. Later, 0.4-1.4cm f.g. qtz-f.g. to m.g. py+/-f.g. to m.g. cpy vns						with 95% f.g. py-5% f.g. cpy (intergrown).
			comprise 1-3% of the unit. Later qtz vns are randomly oriented and cut qtz stkwrk vns.						
			Later 2-5mm f.g. to m.g. gypsum+/-f.g. to py vns comprise 3-5% of the u	226.47	226.48	3-5	<1		2.3cm f.g. to m.g. magnetite-f.g. qtz-v.f.g. cpy vn with
			gypsum vns are randomly oriented and cut qtz stkwrk, later qtz vns and each other						85% magnetite.
			in a stkwrk fashion. Rare (<1%), f.g. magnetite-f.g. hem-f.g. qtz vns are v locally present.						
248.16	251.35	Qtz Eye Rhy	Qtz Eye Rhyolite Dyke	248.16	251.35				No visible mineralization
			Massive, med pink brown at upper ctc, bleached buff to light pink tan elsewhere.						
			2-4mm anh to suh smoky qtz phenos comprise 5% of the unit. 2-5mm anh to suh, white						
			to light green fsp phenos comprise 3-5% of the unit. Fsp phenos are mod to strongly						
			sausseritized and locally sericitized. The gdmass is bleached and mod to strongly						
			alt to clay. Qtz stkwrk vns and later qtz/carbonate vns are absent.						
251.35	252.00	Vlc Dyke	Aphanetic Intermediate-Mafic Dyke	251.35	252.00				No visible mineralization
	EOH								
			Dark grey black. Aphanetic gdmass. 1-3mm light green strongly sausseritized fsp						
			phenos comprise 3-5% of the unit. Few 1-2mm carbonate vns. Unit is mod to strongly						
			magnetic. Chilled margin at upper ctc.						
			***Last run (249.00m-251.00m) is 33cm short. Run is well consolidated, source of						
			core loss unknown.						

Lions Gate Metals

[illegible]

HOLE ID: 11-PC-118		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
6.00	9.00	3.00	1.05	35	0.10	3		strongly broken / fractured
9.00	12.00	3.00	1.52	51	0.10	3		strongly broken / fractured
12.00	15.00	3.00	2.95	98	0.11	4		strongly broken / fractured
15.00	18.00	3.00	2.88	96	1.00	33		strongly broken / fractured
18.00	21.00	3.00	2.95	98	0.00	0		strongly broken / fractured
21.00	24.00	3.00	3.00	100	0.88	29		strongly broken / fractured
24.00	27.00	3.00	2.95	98	0.42	14		strongly broken / fractured
27.00	30.00	3.00	2.74	91	0.13	4		strongly broken / fractured
30.00	33.00	3.00	3.00	100	0.00	0		strongly broken / fractured
33.00	36.00	3.00	3.03	101	0.10	3		strongly broken / fractured
36.00	39.00	3.00	2.79	93	0.00	8		strongly broken / fractured
39.00	42.00	3.00	3.00	100	0.10	55		strongly broken / fractured
42.00	45.00	3.00	2.95	98	0.23	98		strongly broken / fractured; 10cm of gouge
45.00	48.00	3.00	3.02	101	1.64	96		mod broken / fractured
48.00	51.00	3.00	2.95	98	2.95	92		
51.00	54.00	3.00	3.05	102	2.87	98		
54.00	57.00	3.00	3.00	100	2.76	101		
57.00	60.00	3.00	2.93	98	2.93	98		
60.00	63.00	3.00	3.02	101	3.02	101		
63.00	66.00	3.00	2.98	99	2.83	98		
66.00	69.00	3.00	3.04	101	3.04	94		
69.00	72.00	3.00	3.04	101	2.93	98		
72.00	75.00	3.00	3.03	102	2.81	94		broken, rolled pieces of core @ base of unit
75.00	78.00	3.00	3.05	98	3.05	102		
78.00	81.00	3.00	2.95	100	2.95	98		
81.00	84.00	3.00	3.00	101	2.98	99		
84.00	87.00	3.00	3.03	99	2.95	98		
87.00	90.00	3.00	2.96	78	2.77	92		
90.00	93.00	3.00	2.35	99	2.18	73		8cm of gouge, core loss
93.00	96.00	3.00	2.96	101	2.56	85		
96.00	99.00	3.00	3.03	101	2.88	96		
99.00	102.00	3.00	3.02	99	2.81	94		
102.00	105.00	3.00	2.98	98	2.80	93		
105.00	108.00	3.00	2.95	100	2.48	83		
108.00	111.00	3.00	3.00	100	2.43	81		19cm section of gouge
111.00	114.00	3.00	3.01	100	2.94	98		
114.00	117.00	3.00	3.05	102	2.73	91		
117.00	120.00	3.00	3.00	100	2.96	99		
120.00	123.00	3.00	3.00	100	2.93	98		
123.00	126.00	3.00	2.96	99	2.89	96		
126.00	129.00	3.00	2.95	98	2.89	96		
129.00	132.00	3.00	3.00	100	2.92	97		
132.00	135.00	3.00	3.00	100	2.78	93		
135.00	138.00	3.00	3.00	100	2.62	87		
138.00	141.00	3.00	2.95	98	2.87	96		
141.00	144.00	3.00	3.00	100	3.00	100		
144.00	147.00	3.00	2.95	98	2.87	96		
147.00	150.00	3.00	3.04	101	2.89	96		
150.00	153.00	3.00	3.00	100	2.91	97		
153.00	156.00	3.00	3.02	101	2.89	96		
156.00	159.00	3.00	3.01	100	2.87	96		
159.00	162.00	3.00	2.95	98	2.69	90		
162.00	165.00	3.00	3.04	101	2.80	93		
165.00	168.00	3.00	2.99	100	2.78	93		
168.00	171.00	3.00	2.97	99	2.88	96		
171.00	174.00	3.00	2.98	99	2.83	94		
174.00	177.00	3.00	2.95	98	2.68	89		

HOLE ID: 11-PC-118			Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
177.00	180.00	3.00	3.00	100	3.00	100		
180.00	183.00	3.00	2.95	98	2.83	94		
183.00	186.00	3.00	3.04	101	2.86	95		
186.00	189.00	3.00	3.00	100	3.00	100		
189.00	192.00	3.00	3.03	101	2.96	99		
192.00	195.00	3.00	2.95	98	2.89	96		
195.00	198.00	3.00	2.98	99	2.77	92		
198.00	201.00	3.00	3.01	100	2.96	99		
201.00	204.00	3.00	3.01	100	3.01	100		
204.00	207.00	3.00	3.03	101	2.94	98		
207.00	210.00	3.00	2.95	98	2.46	82		10cm clay rich gouge
210.00	213.00	3.00	3.05	102	2.87	96		
213.00	216.00	3.00	2.87	96	2.60	87		consolidated run, source of core loss unknown
216.00	219.00	3.00	3.00	100	2.70	90		
219.00	222.00	3.00	2.96	99	2.79	93		3cm clay rich gouge filled fracture
222.00	225.00	3.00	2.95	98	2.89	96		
225.00	228.00	3.00	3.00	100	3.00	100		
228.00	231.00	3.00	2.97	99	2.91	97		
231.00	234.00	3.00	3.05	102	2.93	98		
234.00	237.00	3.00	2.95	98	2.73	91		
237.00	240.00	3.00	3.02	101	2.78	93		
240.00	243.00	3.00	2.97	99	2.97	99		
243.00	246.00	3.00	2.90	97	2.86	95		consolidated run, source of core loss unknown
246.00	249.00	3.00	3.00	100	2.75	92		
249.00	252.00	3.00	2.67	89	2.34	78		weakly broken; mod core loss
	EOH							

Hole ID: 11-PC-118		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125784	6.00	9.00	3.00		1
125785	9.00	12.00	3.00		1
125786	12.00	15.00	3.00		1-2
125787	15.00	18.00	3.00		2-3
125788				Std CDN-CGS-27	
125789	18.00	19.89	1.89		3
125790	19.89	22.89	3.00		3-4
125791	22.89	25.89	3.00		4-5
125792	25.89	28.89	3.00		5-6
125793	28.89	31.89	3.00		6-7
125794	31.89	34.89	3.00		7
125795				Blank	
125796	34.89	37.89	3.00		7-8
125797	37.89	40.89	3.00		8-9
125798	40.89	44.15	3.26		8-9
125799	40.89	44.15	3.26	Duplicate	8-9
125800	44.15	45.74	1.59		10
125801	45.74	48.74	3.00		10-11
125802	48.74	51.74	3.00		11
125803	51.74	54.74	3.00		11-12
125804	54.74	57.74	3.00		12-13
125805				Std CDN-CGS-27	
125806	57.74	60.74	3.00		13
125807	60.74	63.74	3.00		13-14
125808	63.74	66.74	3.00		14-15
125809	66.74	69.74	3.00		15
125810				Blank	
125811	69.74	72.74	3.00		15-16
125812	72.74	75.74	3.00		16-17
125813	75.74	78.74	3.00		17-18
125814	78.74	81.74	3.00		18
125815	78.74	81.74	3.00	Duplicate	18
125816	81.74	84.74	3.00		18-19
125817	84.74	87.74	3.00		19-20
125818	87.74	90.63	2.89		20
125819	90.63	93.63	3.00		20-21
125820	93.63	96.63	3.00		21
125821	96.63	99.63	3.00		21-22
125822	99.63	101.00	1.37		22
125823	101.00	104.00	3.00		22-23
125824	104.00	107.00	3.00		23-24
125825	107.00	108.76	1.76		24
125826				Std CDN-CGS-27	
125827	108.76	111.59	2.83		24-25
125828	111.59	112.38	0.79		25
125829	112.38	115.38	3.00		25-26
125830	115.38	118.38	3.00		26
125831	118.38	121.38	3.00		26-27
125832				Blank	
125833	121.38	124.38	3.00		27-28
125834	124.38	127.25	2.87		28
125835	127.25	130.25	3.00		29
125836	130.25	131.86	1.61		29
125837	131.86	134.86	3.00		29-30
125838	134.86	137.86	3.00		30-31
125839	134.86	137.86	3.00	Duplicate	30-31
125840	137.86	140.86	3.00		31
125841	140.86	143.86	3.00		31-32

Hole ID: 11-PC-118		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125842	143.86	147.20	3.34		32-33
125843	147.20	150.20	3.00		33
125844	150.20	153.66	3.46		34
125845	153.66	156.66	3.00		34-35
125846				Std CDN-CM-8	
125847	156.66	159.66	3.00		35-36
125848	159.66	162.66	3.00		36
125849	162.66	165.66	3.00		36-37
125850				Blank	
125851	165.66	167.63	1.97		37
125852	167.63	170.63	3.00		37-38
125853	170.63	173.63	3.00		38-39
125854	173.63	176.63	3.00		39
125855	173.63	176.63	3.00	Duplicate	38
125856	176.63	179.63	3.00		39-40
125857	179.63	182.63	3.00		40-41
125858	182.63	185.63	3.00		41
125859	185.63	186.96	1.33		41-42
125860	186.96	189.96	3.00		42
125861	189.96	192.96	3.00		42-43
125862	192.96	195.96	3.00		43-44
125863	195.96	198.96	3.00		44
125864	198.96	201.96	3.00		44-45
125865	201.96	204.96	3.00		45-46
125866	204.96	207.96	3.00		46
125867	207.96	210.96	3.00		46-47
125868	210.96	213.96	3.00		47-48
125869	213.96	216.96	3.00		48
125870				Std CDN-CM-11A	
125871	216.96	219.96	3.00		48-49
125872	219.96	222.96	3.00		49-50
125873	222.96	225.96	3.00		50
125874				Blank	
125875	225.96	228.96	3.00		50-51
125876	228.96	231.96	3.00		51-52
125877	231.96	234.96	3.00		52
125878	234.96	237.96	3.00		52-53
125879	234.96	237.96	3.00	Duplicate	52-53
125880	237.96	240.96	3.00		53-54
125881	240.96	243.96	3.00		54
125882	243.96	246.96	3.00		54-55
125883	246.96	248.16	1.20		55
125884	248.16	251.35	3.19		55-56
125885	251.35	252.00	0.65	EOH	56

2011 Poplar Drilling

Hole ID: 11-PC-119	Easting (NAD 83): 632113	Core Size: NQ	DDH Started: Oct 25 2011
	Northing (NAD 83): 5986637	Hole Azimuth: 354	DDH Finished: Oct 28 2011
Property: Poplar Deposit	Elevation: 881m	Hole Angle: -68	Log Completed: November 11 2011
	Source: GPS	Total Depth: 504.00m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Chelsea Knight
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	354.0	-68.0
102.00	355.3	-69.3
201.00	357.9	-69.4
300.00	360.7	-68.9
411.00	367.2	-69.2

<p>Summary: The objective of this hole is to test the southern margin of the East Zone, with the possibility of fault control on the main zone. This hole is lithologically heterogeneous, consisting dominantly of fsp porphyritic qtz monzonite with amygdaloidal intermediate-mafic dykes, volcanic sediment and aphyric felsic intrusive units intercalated at the top and base. Small (~5-12m) volcanic sediment and aphyric felsic volcanic units alternate from ~210m-~270m. Partially digested volcanic sediment xenoliths/rafts are common in the aphyric felsic intrusive and fsp porphyritic qtz monzonite units. The hole is predominantly weakly to moderately propylitically alt. Very weak potassic alteration is locally present at ~280-300m and ~425-470m. With the exception of minor ($\leq 1\%$) cpy occurrence associated with very weak pot alt at ~425-470m, visible cpy is rare to absent in this hole. Although a few weak to mod shear and/or fault zones are present at the top and base of the hole, there is no fault control on mineralization. A downhole survey was not completed at the bottom of 11-PC-119 because the ez shot tool was down at the bottom of hole 11-PC-117.</p>

Lions Gate Metals

Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	39.00	Ovb	Casing, overburden						
39.00	40.02	Boulders	Few intrusive igneous boulders. Composition varies from felsic to intermediate. Weak to mod prop alt.						
40.02	84.23	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite	39.00	84.23	5			F.g. to m.g. py, finely diss in gdmass, diss blebs, in stkwrk and later vns. Diss>vns, py is coarser in later vns.
			Massive, light to med grey. 1-5mm white, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are dominantly 3-5mm, commonly partially to completely alt to sericite+/-cal and locally weakly sausseritized. 2-4mm med grey chl alt relict mafics (bio?) comprise 3-5% of the unit. Strongly altered light to dark brown, m.g. suh relict bio phenos are locally abundant, comprising <5% of the unit overall.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm med grey chl alt halos are rare, 1% overall, increasing in abundance towards the base of unit. Later, 1-5mm f.g. to m.g. gypsum+/-f.g. py+/-f.g. carb vns comprise 1-3% of the unit. Later gypsum vns are randomly oriented, cutting each other and qtz stkwrk vns. Rare (<<1%) later, f.g. qtz-f.g. py vns cut qtz stkwrk and are cut by gypsum vns.						
			39.00-48.19m, 50.78-55.14m: Broken zones; mod to strongly fractured. Core is locally pitted +/-minor gouge. Fault zone?						
			74.62-75.17m: Few altered subrnd to subang vlc sed xenoliths, 0.3-4.6cm in size. 2-3% overall.						
84.23	89.06	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	84.23	89.06				No visible mineralization
			Dark purple grey to purple maroon, bleached light beige at ctcs. F.g. equigranular gdmass. 3-5%, 2-5mm round to ovoid, locally irregular qtz filled amygdules+/-thin (<1mm) cal rims. 1-2mm euh fsp phenos comprise 5-7% of the unit. Fsp phenos are faintly to mod aligned, defining a weak to mod strong foliation for 25-40cm adjacent to upper and lower ctcs. Foliation is congruent with orientation of ctcs, suggesting it is the product of weak shearing. Rare (<1%) 1-3mm, randomly oriented f.g. cal vns with 3-7mm light beige bleached alt halos.						
89.06	153.38	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite						
				89.06	53.38	5			F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns, py is coarser in later vns. Py abundance locally inc to 7%
			Massive, light grey to grey buff. 1-5mm white, anh to suh fsp phenos comprise 40-45%						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			of the unit. Fsp phenos are dominantly 1-3mm and locally partially alt to sericite+/- clay?. 2-3mm med grey, chl alt, relict mafics (bio?) comprie 5-7% of the unit. The gdmass is locally stained v light pink (hem?) and is v locally chloritized.	103.25	103.25	70			2cm wide f.g. to m.g. py-f.g. qtz-f.g. carbonate vn with > 70% py.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-6mm med grey alt halos comprise 1-3% of the unit. Alt halos dominantly consist of chl, locally of qtz. Later, 0.2-2.0cm f.g. qtz-f.g. to m.g. py+/-f.g. carbonate+/-f.g. gypsum vns comprise 1% of the unit and cut stkwrk vns. Later, randomly oriented f.g. gypsum+/-f.g. to m.g. py+/-f.g. carbonate vns comprise 1-3% of the unit. Later gypsum vns cut qtz stkwrk , later qtz vns and each other.	104.09	104.09	85			1.5cm wide f.g. to m.g. py-f.g. qtz-f.g. carbonate vn with > 85% py.
			108.47	108.47	85				2cm wide f.g. to m.g. py-f.g. qtz-f.g. carbonate vn with > 85% py.
			140.96-153.38m: Weak fault/shear zone. Abundant dark grey clay coated healed frac planes, locld weak brecciation (clast supported) and pitted sections with minor clay rich gouge. Minor dark grey clay?/smeared py? coated shear planes with 35-45 ° tca orientations throughout interval. Small cataclastic section 35-40°tca with dark grey clay? matrix, 2-4mm sunang-subrng clsts @ 141.54-141.59m. Weakly to mod pitted core with minor to mod clay rich gouge @ 144.85-144.84m, 152.41-153.38m.						
153.38	155.66	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	153.38	155.66				No visible mineralization.
			Massive, dominantly bleached to light beige, locally purple maroon at centre of unit. The v.f.g. gdmass is mod to strongly alt to clay? and relatively soft.						
			3-5mm round to ovoid, locally irregular amygdules comprise 3-5% of the unit. Amygdules are filled with qtz+/- thin (<1mm) carbonate rims. 1-2mm, irregular f.g. cal vns comprise 1% of the unit. Cal vns are randomly oriented with locld vuggy and/or drusy texts. Weak brecciation (clast supported) at upper ctc, weak shearing at lower ctc. Strongly annealed fracs and shear planes present in previous and following units are absent in this unit, suggesting dyke emplacement post dates shearing episode affecting prev and following units.						
			155.11-155.66m: Preferential alt of gdmass to clay? generates a mottled text.						
155.66	210.08	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite	155.66	210.08	3-5			F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns, py is coarser in later vns.
			Massive, light grey to light grey buff. 1-5mm white, anh to suh fsp phenos comprise 30% of the unit. Fsp phenos are most commonly 1-3mm and are locally partially alt to sericite/clay. 2-4mm med grey chl/clay alt relict mafics (bio?) comprise 5-7% of the unit. The gdmass is locally stained very pale to pale pink (hem?, Kfs?). If the pale pink color is secondary Kfs, locld very weak potassic alt may be present.						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							locld chl alt gdmass.				70-75	1	
								89.06	53.38	vns	15-30	1	Later qtz-py+/-carbonate+/-gypsum vns.
								140.96	153.38	fault	35-45	weak	140.96-153.38m: Weak fault/shear zone. Abundant dark grey clay coated healed frac planes, locld weak brecciation (clast supported) and pitted sections with minor clay rich gouge. Minor dark grey clay?/smeared py? coated shear planes with 35-45°tca orientations.
								153.38	153.38	ctc	50	sharp	Sharp planar lithological ctc. Weak faulting at ctc.
153.38	155.66	w-m?					The gdmass is bleached, relatively soft and mod to strongly alt to clay?	155.66	155.66	ctc	60	sharp	Sharp planar lithological ctc. Unit is weakly sheared (60 tca) adjacent to ctc.
155.66	210.08	w-m				vw?	Very weak prop alt is v locally present in locld chl/clay alt relict mafics and locld stkwrk vn chl alt halos. If the pale pink stained gdmass is secondary Kfs, very weak locld pot alt may be present. Unit becomes weakly silicified approaching lower ctc.	166.64	187.74	SZ	20-30	weak	Weak shear zone, locld weak faulting. Unit is weakly to mod pitted with abnt dom randomly oriented annealed fracs, locld brecciation and minor (1%) shear planes 20-30°tca. Annealed fracs v locally display a preferred 40-50°tca orientation @ 167.73m-168.00m, 178.41m-178.14m.

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
217.38	232.83	Aphyric Fel	Aphyric Felsic Intrusive	217.38	232.83	1-3			F.g. to m.g. py, finely diss, in stwrk and later qtz vns.
									Vns~=diss, py is coarser in later vns.
			Light grey to v light green grey. Compositionally appears similar to the fsp pph qtz mnz.						
			The unit is felsic (qtz-fsp?), f.g. to m.g. (<2mm) and equigranular. 2-3mm med grey,						
			chl alt relict mafics (bio?) comprise 3-5% of the unit and generate a locld speckled/						
			mottled text. Light tan to light olive brown, v.f.g. vlc sed? xenoliths? are common,						
			comprising 15-20% of the unit. The xenoliths (?) vary greatly in size and have irregular,						
			partially digested forms. Although the xenoliths (?) lack reaction rims, some						
			appear to possess preferentially melted/replaced relict bedding(?) that						
			locally defines a weak foliation. ***could this be a function of grain size variation						
			and/or compositional differences of the primary bedding of the protolith xenoliths?***						
			1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with 2-3mm med grey chl alt						
			halos comprise 1-3% of the unit. The stkwrk vns are less apparent in comparison with						
			the prev vlc sed unit. Minor (1%), later, vuggy f.g. qtz-f.g. to m.g. py+/-f.g. carbonate						
			vns cut stkwrk vns.						
232.83	242.20	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	232.83	242.20	3			F.g. to c.g. py, finely diss, in stwrk and later vns.
									Vns>diss, py is coarser in later vns.
			Similar to unit described at 210.08-217.38m. Rare (<1%) later, randomly oriented f.g.						
			to m.g. gypsum +/- f.g. py vns cut stwrk vns. Later qtz vns rare to absent (<<1%).	240.10	240.10	3			5mm f.g. white carbonate (dol?, powder fizzes with HCl)-
									f.g. gypsum-f.g. py-f.g. sph-f.g. galena vn 15 °tca.
242.20	243.97	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite Dyke	242.20	243.97	5			F.g. py, diss and in later gypsum vns. Diss>>vns.
			Massive, med grey. 1-5mm, anh white fsp phenos comprise 25% of the unit. Fsp						
			phenos are dominantly 1-3mm and locally partially alt to sericite+/-clay. The gdmass						
			is weakly silicified. Randomly oriented qtz stkwrk vns are absent. 2-3mm later, f.g.						
			gypsum+/-f.g. py+/-f.g. carbonate+/-v.f.g. fl vns comprise 1% of the unit. Gypsum vns						
			are randomly oriented.						
243.97	250.79	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	243.97	250.79	3			F.g. to m.g. py, finely diss, in sktwrk and later vns. Vns>
									diss, py is coarser in later vns.
			Similar to unit described at 210.08-217.38m. Med brown grey to olive brown. Later						
			qtz vns rare (<1%).	245.85	245.85	3		<<1	1cm f.g. qtz-f.g. to m.g. py-v.f.g. cal-v.f.g. mo-v.f.g. fl vn
									15°tca.
250.79	262.87	Aphyric Fel	Aphyric Felsic Intrusive with Weak Propylitic Alteration	250.79	262.87	5			F.g. to m.g. py, finely diss, in stwrk and later qtz vns.

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seri	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
217.38	232.83						With the exception of the chl alt relict mafics	217.38	232.83	fracs	50-60	3	
							(vw, v locld prop alt) and partially digested				35-40	2	
							xenoliths (?), the unit has a relatively unaltered				70-80	<1	
							appearance.						
								217.38	232.83	vns	10-20	1	Later qtz-py+/-carbonate vns.
								217.38	232.83	fol	30-40	weak	Weak, locld foliation defined by preferentially melted/
													replaced (?) relict bedding (?).
								232.39	232.83	ctc	40	grad	Lithological ctc, gradational over ~40cm. 40 cm interval
													has preferentially melted/replaced (?) relict bedding (?)
													40°tca.
232.83	242.20	w					Similar alt to unit described at 210.08-217.38m.	232.83	242.20	fracs		3	Fracs are randomly oriented.
								242.20	242.20	ctc	20	sharp	Sharp planar lithological ctc.
242.20	243.97		vw		w		With the exception of locld partially sericitized	243.97	243.97	ctc	25	sharp	Sharp undulatory lithological ctc.
							fsp phenos and weakly silicified gdmass, the						
							unit is relatively unaltered.						
243.97	250.79	w					Similar alt to unit described at 210.08-217.38m.	243.97	250.79	fracs		5-8	Fracs are randomly oriented. Mod broken interval at
													248.60-248.18m.
								250.79	250.79	ctc		grad	Lithological ctc, gradational over 20cm.
250.79	262.87	w					Weak prop alt defined by chl alt relict mafics,	250.79	262.87	fracs		2-3	Fracs are randomly oriented.

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Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
									Diss>vns, py is coarser in later vns.
			Similar to unit described at 217.38-232.83m. Later qtz vns rare to absent (<<1%).						
			Later, 0.2-1.0cm f.g. to m.g. gypsum+/-f.g. to m.g. py+/-f.g. carbonate+/-v.f.g.	262.08	262.08	65			3.5cm f.g. to m.g. py-f.g. qtz-f.g. carbonate (dol?, powder
			mo (locld)+/-v.f.g. fl vns cut stkwrk vns. Later gypsum vns are randomly oriented and						fizzes with HCl)-f.g. light tan sph-v.f.g. galena vn.
			dom 2-4mm, py +/- mo most commonly present in >4mm vns. Vlc sed xenoliths (rafts?)						
			v abnt, comprising 30-40% of the unit.						
262.87	275.30	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	262.87	275.30	3-5			F.g. to m.g. py, finely diss, in stkwrk and later vns. Vns>
									diss, py is coarser in later vns.
			Similar to unit described at 210.08-217.38m. Light grey buff-light tan-olive. Gmdass						
			is preferentially alt/replaced (hornfelsed?) such that it has a spotted text. Later qtz						
			vns rare (<1%). Rare (1%) later, f.g. gypsum+/-f.g. to m.g. py+/-f.g. carbonate vns.						
275.30	281.08	Aphyric Fel	Aphyric Felsic Intrusive with Weak Propylitic Alteration	275.30	281.08	5-7			F.g. py, finely diss, in stkwrk and later vns. Diss>vns.
			Similar to unit described at 217.38-232.83m. Later qtz vns rare to absent (<<1%).						
			2-4mm later, randomly oriented f.g. gypsum+/-f.g. py vns cut qtz stkwrk and later qtz	281.05	281.05	7		<<1	3cm f.g. gypsum-f.g. to m.g. py-v.f.g. fl-v.f.g. mo vn located
			vns. Vlc sed xenoliths(?) comprise 10-15% of the unit. Gdmass is weakly chl+/-clay alt.						at ctc.
281.08	293.89	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Potassic Alteration	281.08	293.89	5-7			F.g. to c.g. py, finely diss, in diss blebs, stkwrk and later
									qtz/gypsum vns. Diss>vns, py is coarser in later gypsum
			Massive, med grey to med pink brown. 1-5mm white to light grey, anh to suh fsp						vns and diss blebs.
			phenos comprise 35-40% of the unit. Fsp phenos are dominantly 3-5mm and						
			partially to completely alt to sericite. 2-3mm med grey to green grey chl alt relict	282.46	282.46	50			5cm f.g. gypsum-m.g. to c.g. py-f.g. carbonate-f.g. fl vn
			mafics (bio?) comprise 3-5% of the unit. The gdmass is mod silicified, partially flooded						30°tca.
			with secondary Kfs and locally stained reddish pink (hem?) or v locally weakly to mod						
			chloritized. Secondary bio is absent with the exception of locld partially flooded	283.26	283.26	65			1.7cm m.g. to c.g. py-f.g. gypsum-f.g. carbonate-f.g. fl vn
			gdmass at 284.00-284.20m. Subrnd, brown altered vlc sed xenoliths are sporadically						20°tca.
			present throughout the unit (<1% overall).						
				284.36	285.50	40	1		Two 3.3-3.5cm vns with >90% m.g. to c.g. py-f.g. py-f.g.
			1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with locld med grey 2-4mm qtz						to m.g. cpy (itsl, 1%)-v.f.g. magnetite vns 20-30 °tca.
			alt halos comprise 1-3% of the unit. Stkwrk vns are less apparent where silicification						The gdmass is perv chloritized with 2-10mm m.g. py

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Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			is stronger but are still present. Rare (<1%) later, f.g. qtz and/or f.g. carbonate**+/-						blebs (2-3%), minor (1%) 2-3mm m.g. py-f.g. qtz vns and
			f.g. py vns cut stkwrk vns. Later, 0.2-1.5cm f.g. to m.g. gypsum+/- m.g. to c.g. py+/-f.g.						rare (<1%) 1-2mm f.g. magnetite vns.
			carbonate+/-f.g. fl vns cut stkwrk vns. Later gypsum vns are randomly oriented and						
			most commonly 2-4mm, py and fl are dominantly present in >4mm vns.						
			**powder of carbonate in later vns effervesces with application of HCl.						
293.89	299.59	Aphyric Fel	Aphyric Felsic Intrusive with Very Weak Potassic Alteration	293.89	299.59	3			F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns, py
									is coarser in later vns.
			Light grey buff to pink-grey. Compositionally appears similar to fsp pph qtz mnz. The						
			unit is massive, felsic (qtz-fsp), f.g. to m.g. (<2mm) and equigranular. The gdmass is						
			weakly flooded with secondary Kfs and locally weakly silicified. 1-4mm med grey chl						
			alt mafics/mafic aggregates generate locld speckled/spotted texts. Irregular shaped						
			vlc sed? xenoliths of varying sizes (0.2-12cm) comprise 15-20% of the unit. Xenoliths						
			are med brown to reddish pink (hem alt?) and appear partially digested (preferential						
			melting?/replacement?), reaction rims are absent. Relict bedding(?) present in prev						
			units of similar lithology are absent in this unit.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py vns with 2-3mm med grey chl alt halos						
			comprise 1-3% of the unit. Very rare (<<1%) later, f.g. qtz+/-f.g. py vns cut stkwrk vns.						
			Later, 2-4mm f.g. gypsum-f.g. to m.g. py+/-f.g. carbonate (dol?, powder fizzes with HCl)-						
			f.g. fl vns cut stkwrk and later vns. Gypsum vns are randomly oriented.						
299.59	327.52	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Localised Weak Propylitic Alteration	299.59	327.52	3-5			F.g. to c.g. py, diss, in stkwrk and later carbonate/qtz/
									gypsum vns. Diss>vns, py is coarser in later vns.
			Massive, light to med grey. 1-5mm white, anh to suh fsp phenos comprise 35% of the						
			unit. Fsp phenos are dominantly 3-5mm and partially to completely sericitized.	310.36	310.36	55	<<1		2cm m.g. to c.g. py-f.g. qtz-f.g. white dol? (powder fizzes
			2-5mm med grey chl alt mafics/mafic (bio?) aggregates comprise 5-7% of						with HCl)-f.g. cpy-f.g. steel grey mineral (tetra) vn with
			the unit and generate a locally speckled/spotted text.						vuggy text, 20° tca.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns comprise 3% of the unit. Stkwrk	320.08	320.47	3-5		<<1	Few 2-3mm f.g. carbonate-f.g. py-f.g. dark grey sph-f.g.
			vns have 2-3mm med grey alt halos dominantly consisting of chl, locally of qtz. Later,						cpy-f.g. steel grey mineral (tetra?)-f.g. mo vns. 2cm
			0.3-1.5cm f.g. to m.g. carbonate (cal or dol?) and/or f.g. qtz-f.g. to c.g. py vns cut						breccia vn with subrnd fsp pph qtz mnz clsts, cream f.g.
			stkwrk vns. Later carbonate vns comprise 1% of the unit, have locld vuggy or drusy						carbonate-f.g. py-f.g dark grey sph matrix, 30° tca.
			texts and carbonate is more common than qtz. Rare (<1%) later f.g. gypsum vns cut						
			stkwrk and later carbonate/qtz vns. Minor (1%) frac planes are partially coated with	326.08	326.08	3-5	<<1	<<1	3mm f.g. white carbonate (dol?, powder fizzes with HCl)-
			sericite.						f.g. py-f.g. to v.f.g. cpy-v.f.g. mo vn 10° tca.
			302.08-304.89m: Minor light tan to pink-brown vlc sed xenoliths/rafts of various						

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Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			sizes, 2.5-30cm. Minor locld annealed fracs with thin (<2mm) clay rich gouge. Minor dark gray coated (clay?, smeared py?) shear planes 50-70° tca.						
			305.57-307.40m: Strongly altered light tan-pink brown or light green grey vlc sed xenoliths/rafts comprise 65-75% of the unit over this interval. Similar raft at 307.67-308.19m.						
			309.18m-312.84m: Light grey brown to light green grey vlc sediment raft. Raft is partially to completely digested/assimilated by host fsp pph qtz mnz.						
			318.90-319.319.39m: Aphanetic intermediate-mafic dyke bleached light tan to pink-red. Few 2-3mm white f.g. carbonate vns with random orientations.						
			321.13-321.24m: Minor (1%) randomly oriented breccia vns; ang fsp pph qtz mnz clasts, c.g. gypsum matrices.						
327.52	337.33	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	327.52	337.33				With the exception of a 3mm f.g. carbonate-f.g. dark grey unknown mineral (sph?) vn @ 335.44m, there is no visible mineralization in the unit.
			Weakly foliated, dominantly light to med purple grey and locally bleached light beige. 2-6mm round to ovoid, locally irregular qtz filled amygdules comprise 3-5% of the unit. Amygdules locally have thin (</=1mm) white carbonate rims. 1-7mm anh, light green fsp phenos comprise 5-7% of the unit. Fsp phenos are weakly to mod sausseritized and are most commonly 3-5mm. The fsp phenos are faintly aligned, defining a weak foliation (weak shearing?). The foliation is strongest proximal to ctcs. A v.f.g. to f.g., salmon pink to pink-red mineral is very locally replacing the cores of fsp phenos (Kfs?). The gdmass is v.f.g. to f.g. and weakly to mod alt to clay. 1-4mm randomly oriented f.g. white carbonate (dol?, powder fizzes)+/-f.g qtz+/-f.g. sericite vns comprise 1% of the unit.						
337.33	354.71	Pph Qtz Mnz	Variably Altered Fsp Porphyritic Qtz Monzonite	337.33	354.71	5	<<1	<<1	F.g. to c.g. py, diss, in stkwrk and later vns. Diss>vns, py is coarser in later vns. F.g. cpy is locally present in later qtz/gypsum vns. V.f.g. mo is v locally present in later qtz vns.
			Massive, med grey to med grey brown. 1-5mm white, anh to suh fsp phenos comprise 40% of the unit. Fsp phenos are strongly sericitized and most commonly 3-5mm. The gdmass is locally weakly to mod silicified. 3-4mm med grey chl alt relict mafics (bio) comprise 5-7% of the unit, generating a locld speckled/spotted text.						
				341.30	341.30	15	<1		2cm f.g. gypsum-f.g. qtz-m.g. to c.g. py-f.g. cpy-f.g. fl vn 20° tca.
			1-2mm randomly oriented, f.g. qtz-f.g. py stkwrk vns with 2-4mm med grey chl alt halos comprise 3-5% of the unit. Stkwrk vns are less apparent where silicification is stronger						
				345.00	345.00	40	<1		F.g. qtz-m.g. to c.g. py-f.g. cpy-f.g. fl vn >5cm wide, 20° tca.

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Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			but are still present. Later, 0.6-1.5cm f.g. qtz-f.g. to c.g. py+/-f.g. cal+/-f.g. cpy+/-f.g. fl						
			vns comprise 1-2% of the unit. Later, 0.2-2.5cm randomly oriented f.g. gypsum+/-f.g.	348.94	348.94	5		<<1	F.g. white carbonate (dol?, powder fizzes with HCl)-f.g.
			qtz+/-f.g. py+/-f.g. cpy+/-f.g. fl vns cut stkwrk and later qtz vns. Gypsum vns are most						py-v.f.g mo vn 6mm wide, 40° tca.
			commonly 1-3mm, sul dominantly present in >4mm vns. Minor (1-2%) sericite+/-						
			carbonate coated frac planes.						
354.71	363.78	Aphyric Fel	Aphyric Felsic Intrusive with Weak Propylitic Alteration	354.71	363.78	3	<<1	<<1	F.g. to m.g. py, finely diss, in stkwrk and later qtz vns.
									Diss>vns, py is coarser in later vns. V.f.g. cpy, v locally
			Massive, med grey to light green grey. Compositionally appears similar to fsp pph qtz						v finely diss. V.f.g mo locally in later qtz vns.
			mnz. The unit is felsic (qtz-fsp), f.g. to m.g. (<2mm) and equigranular. The gdmass is						
			weakly to mod chl+/-clay alt and v locally weakly silicified. 2-4mm med grey chl alt	362.35	363.00	3		<1	Few (2-3%) 6-8mm breccia vns; ang aphyric fel intrusive
			relict mafics (bio?) comprise 5-7% of the unit and generate a locld speckled text.						clasts. Matrix comprised of f.g. qtz-f.g. cal-f.g. to m.g.
			The gdmass is locally stained light pink to pink brown at the top of the unit (oxidation?,						gypsum-f.g. py-f.g. mo-f.g. steel grey to green grey mineral
			hem alt?).						(tetra?, sph?). Matrices locally have open space filling
									texts.
			1-2mm randomly oriented, f.g. qtz-f.g. py stkwrk vns with 2-4mm med grey chl alt halos						
			comprise 1-3% of the unit. Rare (<1%) later, 3-7mm f.g. qtz-f.g. cal+/-f.g. to m.g. py+/-						
			v.f.g. mo vns cut stkwrk. Rare (<1%) shear planes with dark grey smeared py coatings						
			and striations. Weak brecciation (clast supported) with minor (1%) sericite coated/						
			filled fracs @ 357.13-358.14m, 363.10-364.78m.						
363.78	370.90	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Propylitic Alteration	363.78	370.90	3	<<1	<<1	F.g. to m.g. py, diss, in stkwrk and later qtz vns. Diss>vns,
									py is coarser in later vns. F.g. cpy is locally present in
			Massive, light to med grey. 1-5mm white anh fsp phenos comprise 35% of the unit.						later vns. V.f.g mo is locally present in later vns.
			Fsp phenos dominantly 1-3mm and partially to completely sericitized. 2-3mm med						
			grey chl alt relict mafics comprise 3-5% of the unit. The gdmass is locally chl+/-clay alt.						
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 2-3mm med grey chl alt halos						
			comprise 3-5% of the unit. Later, 0.2-1.4cm f.g. qtz-f.g. to m.g. py+/-f.g. cal+/-f.g. cpy+/-						
			v.f.g. mo vns cut stkwrk vns and comprise 1-2% of the unit. Later vns are randomly						
			oriented.						
			365.55-365.74m: Few sericite+/-carbonate coated/filled fracs. Again at 366.67						
			366.90m.						
370.90	376.11	Vlc Sed	Volcanic Sediment with Moderate Propylitic Alteration	370.90	376.11	1-3			F.g. py, finely diss, in stkwrk and later qtz/cal vns. Vns>
									diss.
			Massive, light to med grey brown. V.f.g. eggr gdmass with mod chl+/-clay alt. 1-2mm						

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Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			randomly oriented f.g. qtz-f.g. py sktwrk vns with 3-4mm med grey chl alt halos						
			comprise 5-7% of the unit. Rare (<1%) later, 2-3mm f.g. qtz and/or f.g. cal +/-f.g. py vns						
			cut stkwrk.						
376.11	377.42	Amyg Dyke	Amygdaloidal Intermediate-Mafic Dyke	376.11	377.42				No visible mineralization.
			Light brown grey. V.f.g. to f.g. eggr gdmass. 2-4mm round to ovoid qtz filled amygdules						
			with locld thin (<<1mm) carbonate rims comprise 3-5% of the unit. Gdmass relatively						
			soft and mod chl-clay altered. Minor (1-2%) randomly oriented annealed fracs with						
			clay coating/filling.						
377.42	425.74	Pph Qtz Mnz	Variably Altered Fsp Porphyritic Qtz Monzonite	377.42	425.74	3-5	<1		F.g.to m.g. py, diss, in stkwrk and later vns. Diss>vns,
									py is coarser in later vns. F.g. cpy is locally present in
			Massive, variable color: Light to med grey-med brown grey-pink grey-green grey.						later vns.
			1-5mm white to light grey, anh to suh fsp phenos comprise 35-40% of the unit. Fsp						
			phenos are most commonly 1-3mm and are locally present as silicified ghost xls.	389.17	389.17	3	<1		9 cm m.g., suh to euh dol-m.g., anh qtz-m.g. to c.g., euh
			2-4mm med grey chl alt relict mafics comprise 5-7% of the unit and generate a locld						dark grey black sph-f.g. py-f.g. cpy vn.
			speckled/spotted text. Alteration of the gdmass is variable, it is locally silicified or						
			chloritized and locally partially flooded with secondary Kfs. Partial secondary bio	402.78	403.03	3-5	<1	<1	Few 0.3-1.4cm f.g., white, anf carb (dol?, powder fizzes)-
			flooding of gdmass is very locally present. Magnetite is v locally present in the form						f.g. to m.g. anh py-f.g. anh light tan sph-f.g. anh cpy-f.g.
			of 1-2mm f.g. vns.						anh mo vns.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-4mm med grey chl alt halos	415.58	415.33	40-50			Few 1-2cm f.g. qtz-f.g. to m.g. py-f.g. gypsum vns with
			comprise 3-5% of the unit. Stkwrk vns are less apparent where silicification is stronger						40-50% py.
			but are still present. Later, 0.2-1.7cm f.g. to m.g., white to cream carbonate						
			(dominantly dol-powder fizzes with HCl, +/-cal) and/or f.g. to m.g. qtz+/-f.g. to m.g. py+/-						
			f.g. cpy vns comprise 1-2% of the unit. Later carbonate/qtz vns cut stkwrk vns, are						
			randomly oriented and carbonate is more common than qtz. Dark grey smeared py						
			and/or clay?+/-graphite coated shear planes +/- striations comprise 1-3% of the unit.						
			377.42-389.78m: Later, 2-8mm f.g. to m.g., cream to white carbonate (dol+/-cal)-f.g.						
			to m.g py-f.g. to m.g., light tan to dark grey black sph+/-f.g. cpy+/-v.f.g. galena vns						
			comprise 1% of the unit. Later carbonate-sul vnsare randomly oriented, cut						
			stkwrk vns and locally have open space filling or drusy texts.						
			402.38-425.15m:Weak to mod shear zone. 1-3% dark grey smeared py and/or clay?+/-						
			graphite coated shear planes +/- striations, locally abnt (5-7%), randomly oriented						
			annealed fracs +/- dark grey clay? infill. 1% fracs with minor clay rich gouge infill. Perv						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-119			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			chloritized gdmass. Locld weak brecciation (clst sup).						
425.74	468.46	Pph Qtz Mnz	Variably Altered Bio-Fsp Porphyritic Qtz Monzonite	425.74	470.39	3	≤1	<1	F.g. to m.g. py, diss, in stkwrk and later vns. Diss>vns, py is coarser in later vns. F.g. cpy, locally v finely diss and
			Massive, variable color: dominantly pink grey to brown grey, locally dark grey or green grey. The gdmass is dominantly light to med pink, very weakly to mod flooded with secondary Kfs and weakly to mod silicified. V locld intervals are non-silicified.						in later vns. Cpy abundance locally inc to 1%, most commonly where the gdmass is flooded with secondary
			Locld, weak to mod secondary bio flooding of gdmass is indicated by dark grey black sections. Dark grey black sections are non-magnetic. The gdmass is locally med green	442.86	442.86	30	<<1	<<1	bio. V.f.g. to f.g. mo v is locally present in later vns.
			and perv chloritized. 1-5mm, white to light grey, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are most commonly 1-3mm and are present as light						2.5cm f.g. qtz-f.g. cal-f.g. to m.g. py-v.f.g. cpy-v.f.g. mo-v.f.g.
			grey, silicified ghost xls where secondary Kfs/bio flooding and/or silicification of gdmass is stronger. Fsp phenos are locally partially to completely alt to sericite+/-	443.70	446.00	3	<1	<<1	fl vn.
			clay. Black to dark green black, anh to suh, m.g. secondary bio phenos comprise 3-5% of the unit. Secondary bio phenos are locally weakly to strongly chloritized.						Minor (2-3%), 2-4mm f.g. cal-f.g. qtz-f.g. py-f.g. to m.g. light tan to dark grey sph-f.g. cpy-f.g. to v.f.g. mo vns
				465.09	465.09	25			10-20° tca.
			1-2mm randomly oriented f.g. qtz-f.g. py stkwrk vns with 3-5mm med grey qtz alt						2cm f.g. qtz-m.g. to c.g. py-f.g. cal vn with 25% py.
			halos comprise 3% of the unit. Later, 0.3-2.5cm f.g. qtz and/or f.g. cal-f.g. py+/-f.g. cream carbonate (dol?, powder fizzes)+/-f.g. to m.g., light tan to dark grey sph+/-f.g.	465.81	465.81	>80	1		2mm f.g. to m.g. py-f.g. qtz-f.g. cpy vn with 80% py and 1% cpy.
			cpy+/-f.g. to v.f.g. mo vns cut stkwrk vns. Later qtz/cal vns comprise 1-3% of the unit and are most commonly 3-5mm in size. Cal is more commonly present in vns towards top of unit. A sph-mo association is strongest in later vns with cal and/or cream dol.						
			Minor (1%) later, 2-4mm randomly oriented f.g. gypsum+/-f.g. py vns cut stkwrk and later vns. Rare to minor (1-2%), locld frac planes partially coated with sericite,						
			most commonly present where fsp phenos are strongly sericitized.						
468.46	470.29	Qtz Eye Rhy	Qtz Eye Rhyolite Dyke	468.46	470.29				No visible mineralization.
			Massive, light tan to light pink brown. 2-4mm, anh to suh smoky qtz phenos. 2-3mm white, strongly sericite/clay alt anh fsp phenos. The gdmass is v.f.g. to f.g. eqgr and mod clay alt.						
			468.46-468.90m: Strong fault: strongly fractured/brecciated with mod clay rich gouge.						
470.29	504.00	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Mod to Strong Propylitic Alteration	470.29	504.00	3	<1		F.g. to c.g. py, finely diss, in stkwrk and later
	EOH								qtz/carbonate vns. Diss==vns, py is coarser in later vns.
			Massive, dominantly light grey with light green grey and mint green intervals. 1-5mm white, anh to suh fsp phenos comprise 35-40% of the unit. Fsp phenos are most						F.g. cpy is v locally present in later qtz/carbonate vns.

Lions Gate Metals

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HOLE ID: 11-PC-119			Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
0.00	39.00	39.00		0		0		casing, OVB
39.00	42.00	3.00	1.87	62	0.24	8		moderately broken, strong core
42.00	45.00	3.00	1.91	64	0.00	0		strongly broken, core loss
45.00	48.00	3.00	1.76	59	0.10	3		strongly broken, core loss
48.00	51.00	3.00	2.95	98	2.27	76		mod broken, core is locally crumbly
51.00	54.00	3.00	2.85	95	0.46	15		mod broken, core is locally crumbly
54.00	57.00	3.00	3.03	101	1.48	49		mod broken, top of interval
57.00	60.00	3.00	3.01	100	3.01	100		
60.00	63.00	3.00	3.05	102	2.96	99		
63.00	66.00	3.00	3.00	100	3.00	100		
66.00	69.00	3.00	3.00	100	2.91	97		
69.00	72.00	3.00	3.04	101	3.04	101		
72.00	75.00	3.00	3.00	100	3.00	100		
75.00	78.00	3.00	3.00	100	2.91	97		
78.00	81.00	3.00	3.05	102	2.96	99		
81.00	84.00	3.00	2.98	99	2.92	97		
84.00	87.00	3.00	3.02	101	3.41	114		
87.00	90.00	3.00	2.95	98	2.80	93		
90.00	93.00	3.00	2.98	99	2.61	87		
93.00	96.00	3.00	3.01	100	2.80	93		
96.00	99.00	3.00	2.84	95	1.90	63		weak to moderately broken
99.00	102.00	3.00	3.03	101	3.03	101		
102.00	105.00	3.00	3.02	101	2.32	77		
105.00	108.00	3.00	3.02	101	2.79	93		
108.00	111.00	3.00	2.92	97	2.92	97		consolidated run, source of core loss unknown
111.00	114.00	3.00	3.00	100	2.95	98		
114.00	117.00	3.00	2.95	98	2.88	96		
117.00	120.00	3.00	3.05	102	3.05	102		
120.00	123.00	3.00	2.95	98	2.95	98		
123.00	126.00	3.00	3.05	102	2.85	95		
126.00	129.00	3.00	2.95	98	2.88	96		
129.00	132.00	3.00	3.05	102	3.05	102		
132.00	135.00	3.00	2.95	98	2.95	98		
135.00	138.00	3.00	2.95	98	2.89	96		
138.00	141.00	3.00	2.95	98	2.75	92		
141.00	144.00	3.00	3.02	101	2.95	98		
144.00	147.00	3.00	3.00	100	2.92	97		
147.00	150.00	3.00	3.01	100	2.94	98		
150.00	153.00	3.00	2.95	98	2.57	86		
153.00	156.00	3.00	3.03	101	3.00	100		
156.00	159.00	3.00	2.95	98	2.78	93		
159.00	162.00	3.00	2.96	99	2.36	79		
162.00	165.00	3.00	2.96	99	1.64	55		moderately broken
165.00	168.00	3.00	3.05	102	2.65	88		bottom half pitted, few shear planes (shear)
168.00	171.00	3.00	2.97	99	2.67	89		core is pitted, abn & healed frac (shear)
171.00	174.00	3.00	3.00	100	2.77	92		core is pitted, abn & healed frac (shear)
174.00	177.00	3.00	2.90	97	2.79	93		w-m brecciated, minor gouge (shear)
177.00	180.00	3.00	3.03	101	2.91	97		w-m brecciated, minor gouge (shear)
180.00	183.00	3.00	2.93	98	2.56	85		w-m brecciated, minor gouge (shear)

HOLE ID: 11-PC-119			Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
183.00	186.00	3.00	2.98	99	2.89	96		w-m pitted, abn & healed frac
186.00	189.00	3.00	3.03	101	2.95	98		w-m brecciated, minor gouge (shear)
189.00	192.00	3.00	3.00	100	2.84	95		pitting, brecciation, gouge absent
192.00	195.00	3.00	2.95	98	2.65	88		
195.00	198.00	3.00	3.04	101	3.04	101		
198.00	201.00	3.00	2.96	99	2.91	97		
201.00	204.00	3.00	3.02	101	2.99	100		
204.00	207.00	3.00	2.95	98	2.79	93		
207.00	210.00	3.00	3.03	101	2.59	86		
210.00	213.00	3.00	3.01	100	2.46	82		
213.00	216.00	3.00	2.95	98	1.43	48		
216.00	219.00	3.00	2.95	98	2.59	86		
219.00	222.00	3.00	2.97	99	2.92	97		
222.00	225.00	3.00	2.95	98	2.77	92		
225.00	228.00	3.00	3.05	102	3.02	101		
228.00	231.00	3.00	3.05	102	3.00	100		
231.00	234.00	3.00	2.99	100	2.63	88		
234.00	237.00	3.00	3.00	100	2.60	87		
237.00	240.00	3.00	3.05	102	2.98	99		
240.00	243.00	3.00	3.03	101	3.03	101		
243.00	246.00	3.00	2.96	99	2.96	99		
246.00	249.00	3.00	2.85	95	1.46	49		weakly to mod broken
249.00	252.00	3.00	2.76	92	2.43	81		weakly broken & core loss @ 250.09m
252.00	255.00	3.00	3.05	102	3.05	102		
255.00	258.00	3.00	3.05	102	3.01	100		
258.00	261.00	3.00	3.05	102	3.05	102		
261.00	264.00	3.00	3.05	102	2.32	77		
264.00	267.00	3.00	3.00	100	2.91	97		
267.00	270.00	3.00	3.04	101	2.54	85		
270.00	273.00	3.00	2.94	98	2.35	78		
273.00	276.00	3.00	3.03	101	2.64	88		
276.00	279.00	3.00	2.95	98	2.95	98		
279.00	282.00	3.00	2.98	99	2.98	99		
282.00	285.00	3.00	3.00	100	2.91	97		
285.00	288.00	3.00	2.98	99	2.98	99		
288.00	291.00	3.00	3.01	100	2.69	90		
291.00	294.00	3.00	3.01	100	2.62	87		
294.00	297.00	3.00	3.03	101	2.92	97		
297.00	300.00	3.00	2.95	98	2.89	96		
300.00	303.00	3.00	3.00	100	2.90	97		
303.00	306.00	3.00	3.02	101	3.02	101		
306.00	309.00	3.00	3.01	100	2.88	96		
309.00	312.00	3.00	2.95	98	2.65	88		
312.00	315.00	3.00	2.97	99	2.79	93		
315.00	318.00	3.00	2.93	98	2.65	88		
318.00	321.00	3.00	3.05	102	2.81	94		
321.00	324.00	3.00	2.95	98	2.45	82		
324.00	327.00	3.00	2.95	98	2.30	77		
327.00	330.00	3.00	2.96	99	2.54	85		
330.00	333.00	3.00	2.97	99	2.75	92		
333.00	336.00	3.00	3.00	100	2.93	98		
336.00	339.00	3.00	2.98	99	2.53	84		
339.00	342.00	3.00	2.99	100	2.99	100		
342.00	345.00	3.00	3.00	100	2.92	97		
345.00	348.00	3.00	3.00	100	2.92	97		

HOLE ID: 11-PC-119			Geotechnical Data					
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
348.00	351.00	3.00	3.00	100	2.86	95		
351.00	354.00	3.00	2.95	98	2.82	94		
354.00	357.00	3.00	3.00	100	2.43	81		
357.00	360.00	3.00	2.96	99	2.32	77		
360.00	363.00	3.00	2.95	98	2.36	79		
363.00	366.00	3.00	2.97	99	2.28	76		
366.00	369.00	3.00	2.90	97	2.38	79		relatively consolitaded run; source or core loss unknown
369.00	372.00	3.00	3.06	102	2.85	95		
372.00	375.00	3.00	3.03	101	2.49	83		
375.00	378.00	3.00	3.00	100	2.52	84		
378.00	381.00	3.00	2.97	99	2.84	95		
381.00	384.00	3.00	3.03	101	2.88	96		
384.00	387.00	3.00	2.96	99	2.96	99		
387.00	390.00	3.00	3.04	101	2.63	88		
390.00	393.00	3.00	2.95	98	2.88	96		
393.00	396.00	3.00	3.00	100	2.85	95		
396.00	399.00	3.00	2.88	96	2.78	93		consolidated run, source of core loss unknown
399.00	402.00	3.00	3.00	100	2.78	93		
402.00	405.00	3.00	3.04	101	2.86	95		
405.00	408.00	3.00	2.97	99	2.62	87		
408.00	411.00	3.00	2.95	98	2.37	79		
411.00	414.00	3.00	2.90	97	2.86	95		
414.00	417.00	3.00	3.00	100	2.48	83		minor gouge filled fractures
417.00	420.00	3.00	2.96	99	2.70	90		minor gouge filled fractures
420.00	423.00	3.00	2.95	98	2.88	96		minor shear planes w/ striations
423.00	426.00	3.00	3.05	102	2.96	99		core is locally pitted
426.00	429.00	3.00	3.03	101	3.03	101		
429.00	432.00	3.00	3.00	100	2.98	99		
432.00	435.00	3.00	3.02	101	3.02	101		
435.00	438.00	3.00	2.96	99	2.96	99		
438.00	441.00	3.00	3.05	102	2.96	99		
441.00	444.00	3.00	2.95	98	2.95	98		
444.00	447.00	3.00	3.01	100	3.01	100		
447.00	450.00	3.00	3.03	101	2.96	99		
450.00	453.00	3.00	2.97	99	2.90	97		
453.00	456.00	3.00	2.99	100	2.85	95		
456.00	459.00	3.00	2.96	99	2.84	95		
459.00	462.00	3.00	3.03	101	2.98	99		
462.00	465.00	3.00	2.98	99	2.80	93		
465.00	468.00	3.00	2.99	100	2.68	89		
468.00	471.00	3.00	3.02	101	1.89	63		45-50cm section of gouge
471.00	474.00	3.00	3.00	100	2.54	85		
474.00	477.00	3.00	3.00	100	2.27	76		mod frac w/ gouge infill
477.00	480.00	3.00	3.00	100	2.35	78		mod frac w/ gouge infill
480.00	483.00	3.00	3.00	100	2.63	88		25cm of gouge
483.00	486.00	3.00	2.82	94	2.33	78		strongly broken @ 483.12m
486.00	489.00	3.00	3.00	100	2.25	75		45cm of gouge, few gouge filled fracs
489.00	492.00	3.00	3.00	100	2.14	71		
492.00	495.00	3.00	3.00	100	1.66	55		
495.00	498.00	3.00	3.00	100	2.43	81		
498.00	501.00	3.00	2.95	98	2.78	93		
501.00	504.00	3.00	2.98	99	2.28	76		weakly broken, minor gouge, EOH

Hole ID: 11-PC-119		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125591	39.00	42.00	3.00		1
125592	42.00	45.00	3.00		1
125593	45.00	48.00	3.00		1-2
125594				Blank	
125595	48.00	51.00	3.00		2-3
125596	51.00	54.00	3.00		3
125597	54.00	57.00	3.00		3-4
125598	57.00	60.00	3.00		4-5
125599	57.00	60.00	3.00	Duplicate	4-5
125600	60.00	63.00	3.00		5
125601	63.00	66.00	3.00		5-6
125602	66.00	69.00	3.00		6-7
125603	69.00	72.00	3.00		7
125604	72.00	75.00	3.00		8
125605	75.00	78.00	3.00		8-9
125606				Std CDN-CGS-27	
125607	78.00	81.00	3.00		9
125608	81.00	84.23	3.23		10
125609	84.23	87.23	3.00		10-11
125610	87.23	89.06	1.83		11
125611				Blank	
125612	89.06	92.06	3.00		11-12
125613	92.06	95.06	3.00		12-13
125614	95.06	98.06	3.00		13
125615	98.06	101.06	3.00		13-14
125616	98.06	101.06	3.00	Duplicate	13-14
125617	101.06	104.06	3.00		14-15
125618	104.06	107.06	3.00		15-16
125619	107.06	110.06	3.00		16
125620	110.06	113.06	3.00		16-17
125621	113.06	116.06	3.00		17-18
125622	116.06	119.06	3.00		18
125623	119.06	122.06	3.00		18-19
125624				Std CDN-CM-8	
125625	122.06	125.06	3.00		19-20
125626	125.06	128.06	3.00		20
125627	128.06	131.06	3.00		21-22
125628	131.06	134.06	3.00		21-22
125629				Blank	
125630	134.06	137.06	3.00		22
125631	137.06	140.06	3.00		22-23
125632	140.06	143.06	3.00		23-24
125633	143.06	146.06	3.00		24
125634	146.06	149.06	3.00		24-25
125635	149.06	152.06	3.00		25-26
125636	149.06	152.06	3.00	Duplicate	25-26
125637	152.06	153.38	1.32		26
125638	153.38	155.66	2.28		26
125639	155.66	158.66	3.00		26-27
125640	158.66	161.66	3.00		27-28
125641	161.66	164.66	3.00		28
125642	164.66	167.66	3.00		28-29
125643	167.66	170.66	3.00		29-30
125644	170.66	173.66	3.00		30
125645	173.66	176.66	3.00		30-31
125646	176.66	179.66	3.00		31-32
125647	179.66	182.66	3.00		32
125648	182.66	185.66	3.00		32-33

Hole ID: 11-PC-119		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125649	185.66	188.66	3.00		33-34
125650				Std CDN-CGS-27	
125651	188.66	191.66	3.00		34
125652	191.66	194.66	3.00		34-35
125653	194.66	197.66	3.00		34-35
125654				Blank	
125655	197.66	200.66	3.00		35-36
125656	200.66	203.66	3.00		37
125657	200.66	203.66	3.00	Duplicate	37
125658	203.66	206.66	3.00		37-38
125659	206.66	210.08	3.42		38-39
125660	210.08	213.08	3.00		39
125661	213.08	216.08	3.00		40
125662	216.08	217.38	1.30		40-41
125663	217.38	220.38	3.00		41
125664	220.38	223.38	3.00		41-42
125665				Std CDN-CGS-27	
125666	223.38	226.38	3.00		42-43
125667	226.38	229.38	3.00		43
125668	229.38	232.83	3.45		43-44
125669	232.83	235.83	3.00		44-45
125670	235.83	238.83	3.00		45
125671	235.83	238.83	3.00	Duplicate	45
125672	238.83	242.20	3.37		45-46
125673	242.20	243.97	1.77		46-47
125674	243.97	246.97	3.00		47
125675				Blank	
125676	246.97	249.97	3.00		47-48
125677	249.97	250.97	1.00		48
125678	250.79	253.79	3.00		48-49
125679	253.79	256.79	3.00		49
125680	256.79	259.79	3.00		49-50
125681	259.79	262.87	3.08		50-51
125682	262.87	265.87	3.00		51-52
125683	265.87	268.87	3.00		52
125684	268.87	271.87	3.00		52-53
125685				Blank	
125686	271.87	274.87	3.00		53-54
125687	274.87	275.30	0.43		54
125688	275.30	278.30	3.00		54
125689	275.30	278.30	3.00	Duplicate	54
125690	278.30	281.08	2.78		54-55
125691	281.08	284.08	3.00		55-56
125692	284.08	287.08	3.00		56
125693	287.08	290.08	3.00		56-57
125694				Std CDN-CM-11A	
125695	290.08	293.08	3.00		57-58
125696	293.08	293.89	0.81		58
125697	293.89	296.89	3.00		58-59
125698	296.89	299.59	2.70		59
125699	299.59	302.59	3.00		59-60
125700	302.59	305.59	3.00		60-61
125701	305.59	308.59	3.00		61
125702	308.59	311.59	3.00		61-62
125703				Std CDN-FCM-7	
125704	311.59	314.59	3.00		62-63
125705	314.59	317.59	3.00		63
125706	317.59	320.59	3.00		63-64

Hole ID: 11-PC-119		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125707	320.59	323.59	3.00		64-65
125708	323.59	326.59	3.00		65
125709				Blank	
125710	326.59	327.52	0.93		65
125711	327.52	330.52	3.00		65-66
125712	330.52	333.52	3.00		66-67
125713	333.52	336.52	3.00		67
125714	336.52	337.33	0.81		67-68
125715	337.33	340.33	3.00		68
125716	340.33	343.33	3.00		68-69
125717	343.33	346.33	3.00		69-70
125718	346.33	349.33	3.00		70
125719	346.33	349.33	3.00	Duplicate	70
125720	349.33	352.33	3.00		70-71
125721	352.33	354.71	2.38		71-72
125722	354.71	357.71	3.00		72
125723	357.71	360.71	3.00		72-73
125724	360.71	363.78	3.07		73-74
125725				Std CDN-FCM-7	
125726	363.78	366.78	3.00		73
125727	366.78	369.78	3.00		74-75
125728	369.78	370.90	1.12		75
125729	370.90	373.90	3.00		75-76
125730				Blank	
125731	373.90	376.11	2.21		76
125732	376.11	377.42	1.31		76-77
125733	377.42	380.42	3.00		77
125734	380.42	383.42	3.00		77-78
125735	380.42	383.42	3.00	Duplicate	77-78
125736	383.42	386.42	3.00		78-79
125737	386.42	389.42	3.00		79
125738	389.42	392.42	3.00		79-80
125739	392.42	395.42	3.00		80-81
125740	395.42	398.42	3.00		81
125741	398.42	401.42	3.00		81-82
125742	401.42	404.42	3.00		82-83
125743	404.42	407.42	3.00		83
125744	407.42	410.42	3.00		83-84
125745				Std CDN-CM-8	
125746	410.48	413.42	2.94		84-85
125747	413.24	416.42	3.18		85
125748	416.42	419.42	3.00		85-86
125749	419.42	422.42	3.00		86-87
125750				Blank	
125751	422.42	425.74	3.32		87-88
125752	425.74	428.74	3.00		88
125753	428.74	431.74	3.00		88-89
125754	431.74	434.74	3.00		89-90
125755	431.74	434.74	3.00	Duplicate	89-90
125756	434.74	437.74	3.00		90
125757	437.74	440.74	3.00		90-91
125758	440.74	443.74	3.00		91-92
125759	443.74	446.74	3.00		92
125760	446.74	449.74	3.00		92-93
125761	449.74	452.74	3.00		93-94
125762	452.74	455.74	3.00		94
125763				Std CDN-CGS-27	
125764	455.74	458.74	3.00		94-95

Hole ID: 11-PC-119		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125765	458.74	461.74	3.00		95-96
125766	461.74	464.74	3.00		96
125767	464.74	467.74	3.00		96-97
125768	467.74	468.46	0.72		97
125769				Blank	
125770	468.46	470.29	1.83		97
125771	470.29	473.29	3.00		97-98
125772	473.29	476.29	3.00		98-99
125773	476.29	479.29	3.00		99
125774	479.29	482.29	3.00		99-100
125775	482.29	485.29	3.00		100-101
125776	482.29	485.29	3.00		100-101
125777	485.29	488.29	3.00		101-102
125778	488.29	491.29	3.00		102
125779	491.29	494.29	3.00		102-103
125780	494.29	497.29	3.00		103-104
125781	497.29	500.29	3.00		104
125782	500.29	503.29	3.00		104-105
125783	503.29	504.00	0.71	EOH	105

2011 Poplar Drilling

Hole ID: 11-PC-120	Easting (NAD 83): 631999	Core Size: NQ	DDH Started: Oct 29 2011
	Northing (NAD 83): 5986800	Hole Azimuth: 265	DDH Finished: Oct 30 2011
Property: Poplar Deposit	Elevation: 898m	Hole Angle: -55	Log Completed: November 15 2011
	Source: GPS	Total Depth: 252.00 m	Analysis by: ACME

Logged by: Chelsea Knight
Geotechnician: Chelsea Knight
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	265.0	-55.0
126.00	344.2	-56.6
252.00	275.0	-55.7

Summary: The objective of this hole is to fill in the gaps of the gold model of the Main Zone, specifically the south and east portions of the 0.10 g/t gold grade shell. Additionally, the hole intersects and retests a portion of PC-02. This hole dominantly consists of feldspar porphyritic quartz monzonite with volcanic sediment and aphyric felsic intrusive units intercalated throughout. Propylitic alteration is the dominant form of alteration with a few localised intervals (≤~15m thick) of moderate to strong potassic alteration. From the collar to ~90m, very weak to weak argillic alteration is suggested by locally vuggy units with moderately abundant later, vuggy carbonate/quartz veins. Molybdenite is commonly in later quartz/carbonate veins and is consistently present in trace amounts throughout the hole. Cu mineralization is prevalent throughout the hole and chalcopyrite is consistently present in trace-1 % abundances, locally increasing to 2%. The chalcopyrite abundance is greatest at 2-3% during an interval of strongly potassically altered feldspar porphyritic biotite quartz monzonite at ~200-215m. This local increase in abundance correlates well with the block model predictions of 0.3% Cu grade at this depth.

Lions Gate Metals

Hole ID: 11-PC-120			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	27.21	Ovb	Casing, overburden to 27.00m. Cored overburden (unconsolidated sediment) at 27.00m-27.21m.						
27.21	37.04	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Weak Argillic Alteration?	27.21	37.04	5	<<1	<<1	F.g. to m.g. py, diss and in later Qtz vns. Diss>vns, py is coarser in later vns. F.g. cpy and v.f.g. to f.g. mo are locally present in later Qtz vns.
			6cm black, strongly magnetic aphanetic vlc boulder at 27.21m-27.27m.						
			Massive, light to med grey. 1-3mm white to ivory, anh to Suh fsp phenos comprise 30% of the unit. Fsp phenos are commonly partially altered to clay+/-carbonate. The gdmass is weakly silicified. Randomly oriented Qtz stkwrk vns are absent. Minor (1-2%) later, 3-6mm f.g. Qtz-f.g. to m.g. py+/-v.f.g. to f.g. mo+/-f.g. cpy vns are commonly vuggy.						
37.04	42.06	Vlc Sed	Volcanic Sediment with Weak Propylitic/Argillic Alteration?	37.04	42.06	3-5	≤1	<<1	F.g. py, finely diss, in stkwrk and later Qtz vns. Diss>vns, py is coarser in later vns. F.g. cpy is locally diss and intergrown with py on frac planes, abundance locally inc to 1%. V.f.g. mo v locally in later Qtz vns.
			Moderately foliated, med brown to olive grey. The gdmass is v.f.g., eqgr and strongly alt to chl/clay. Mod foliation defined by alternating olive grey and med brown bands (preferential melting?/replacement? of relict bedding?). Rare (1%) 1-2mm randomly oriented f.g. Qtz+/-f.g. py stkwrk vns with 2-3mm med grey to med green grey chl alt halos. Rare (1%) later, randomly oriented f.g. Qtz-f.g. py+/-v.f.g. mo vns. Later Qtz vns are 3-5mm and locally weakly vuggy.						
42.06	46.19	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Very Weak Argillic Alteration?	42.06	46.19	3-5	<<1	<<1	F.g. py, diss and in later Qtz vns, diss>vns. F.g. cpy and v.f.g. mo are locally present in later vns.
			Massive, light to med grey. 1-5mm white, anh fsp phenos comprise 35% of the unit. Fsp phenos are strongly alt to clay+/-sericite. The gdmass is v locally silicified. 2-4mm med grey chl alt relict mafics (bio?) are locally interstitial in gdmass, comprising 1-2% of the unit. Randomly oriented Qtz stkwrk vns are absent. Later, 3-9mm f.g. Qtz and/or f.g. white carbonate (dol?, powder fizzes with HCl)+/-f.g. py+/-f.g. cpy+/-v.f.g. mo vns comprise 1-2% of the unit. Later vns are randomly oriented. Minor frac planes partially coated with clay+/-sericite.						
46.19	58.75	Aphyric Fel	Aphyric Felsic Intrusive with Weak Argillic Alteration?	46.19	58.75	5	1	<1	F.g. to m.g. py, diss, on frac faces and in later Qtz vns.
									Diss>vns, py is coarser in later vns. F.g. cpy is present on frac planes and in later Qtz vns. F.g. mo is present in later Qtz vns. F.g. to m.g., euh sph is v locally present on frac planes. The mod to strongly fractured nature of the unit
			Light to med grey, locally light olive grey. Compositionally appears similar to the Pph Qtz Mnz. The unit is felsic, f.g. to m.g. (<2mm) and eqgr. 2-5mm med grey to med green grey chl alt relict mafics comprise 5-7% of the unit, generating a locld spotted/						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
27.21	37.04	w-m			w-m		Weak argillic alt suggested by the partially clay+/-carbonate alt fsp phenos, weakly silicified gdmass and vuggy nature of later qtz vns.	27.21	37.04	BZ		m-s	Unit is mod to strongly fractured/broken. Orientation of fracs and later vns unattainable.
								37.04	37.04	ctc		sharp?	Lithological ctc. Unit is very broken at ctc, nature and orientation tca indiscernable. Appears to be sharp.
27.21	33.67						Weak oxide alteration, fracture related.						
37.04	42.06	w-m					Weak propylitic alt with v weak argillic alt overprint suggested by the strongly chl/clay alt gdmass, stkwrk vn chl alt halos and locally vuggy later qtz vns.	37.04	42.06	fol	50-55	mod	Mod foliation defined by alternating olive grey and med brown bands.
								37.04	38.04	BZ		m-s	Broken zone: unit is mod to strongly fractured/broken.
								38.04	42.06	fracs		3-5	Fracs are randomly oriented.
								42.06	42.06	ctc		sharp	Sharp lithological ctc. Ctc is broken, orienatation tca unattainable.
42.06	46.19	m-s	w		vw		Very weak argillic alt suggested by the strongly clay+/-sericite alt fsp phenos and coated frac planes and locally silicified gdmass. Very locld very weak prop alt defined by chl alt relict mafics.	42.06	46.19	fracs		5	Unit is mod to strongly fractured. Fracs are randomly oriented.
								46.19	46.19	ctc	50	sharp	Sharp planar lithological ctc.
46.19	58.75	m			vw		Locld prop alt is defined by the locally chl alt gdmass and alt relict mafics. A perv, weak arg alt overprint is suggested by the clay alt, locally vuggy gdmass and later, commonly vuggy qtz vns.	46.19	58.75	BZ		mod	Broken zone: the unit is mod fractured/broken. Fracs orientation tca are unattainable.
								58.75	58.75	ctc		grad?	Lithological ctc. Defined by appearance of fsp phenos.
													Unit is strongly broken at the ctc and as such nature

Lions Gate Metals

Hole ID: 11-PC-120			Description	Mineralization						
Depth (m)		Litho		Depth		%	%	%	Comments	
From	To	Code		From	To	Py	Cpy	Mo		
			mottled text. The gdmass is mod to strongly clay and/or chl alt. 0.2-2.4cm vugs with f.g. to m.g. qtz+/-f.g. to v.f.g. mo+/-f.g. cpy lined walls are locally abundant (≤1%).						allows for better viewing of sulphides. As such, estimated abundances may be skewed relative to estimated abundances in other units.	
			Randomly oriented qtz stkwrk vns are absent. Later, 2-4mm f.g. qtz+/-f.g. to m.g. py+/-f.g. cpy+/-f.g. mo vns comprise 1-2% of the unit. Later vns are randomly oriented and are commonly vuggy.							
58.75	88.19	Pph Qtz Mnz	Variably Altered Fsp Porphyritic Qtz Monzonite	58.75	88.19	5	≤1	<1	F.g. to m.g. py, diss, in locld stkwrk and later qtz vns. Diss>vns, py is coarser in later vns. F.g. cpy is locally finely diss and in later qtz vns. V.f.g. to f.g. mo is present in later vns.	
			Massive, light to med grey. 1-5mm white, anh fsp phenos comprise 35-40% of the unit. Fsp phenos are strongly alt to clay and/or sericite and most commonly 1-3mm. The gdmass is dominantly weakly clay+/-chl alt and is locally weakly chloritized. 1-3mm med green grey chl alt relict mafics (bio?) comprise 3-5% of the unit. Relict mafics form 3-5mm med grey aggregates at 61.80-64.36m, generating a locld spotted text. 1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns are v locally abnt at 61.80m-64.36m and are otherwise rare to absent. Later, 3-5mm f.g. qtz-f.g. to m.g. py+/-f.g. cpy+/-v.f.g. to f.g. mo vns comprise 1-3% of the unit. Later qtz vns are commonly vuggy.	85.36	85.36	>90			2cm f.g. to c.g. py-f.g. qtz vn with >90% py, 30 ° tca.	
			87.38-88.19m: Few later, randomly oriented 3-6mm f.g. to m.g. gypsum+/-f.g.qtz+/-f.g. py+/-v.f.g. mo vns.							
88.19	117.67	Vlc Sed?	Vlc Sediment?/Aphyric Felsic Intrusive? With Weak to Moderate Propylitic Alteration	88.19	117.67	3-5	1	≤1	F.g. to m.g. py, finely diss, in stkwrk and later qtz/gypsum vns. Diss~vns, py is coarser in later vns. F.g. cpy, finely diss and in later qtz vns. F.g. to v.f.g. mo in later qtz vns and v locally present in later gypsum vns.	
			Massive, f.g. (≤1mm), eggr and light grey brown to light green grey. Locally bleached to a light beige to light brown grey and appears felsic in composition. Texturally the unit dom appears similar to a volcanic sediment, locally similar to the aphyric felsic intrusive. Lithology inconclusive. The gdmass is weakly to mod chl+/-clay alt and locally weakly stained dark brown black (very weak secondary bio?). The gdmass is preferentially alt by chl/clay such that it has a locally mottled appearance.	105.64	105.78	3	<1	<1	Few f.g.qtz-f.g.py-v.f.g. mo-f.g. cpy vns 1.7cm and 2.6cm wide.	
			1-2mm randomly oriented f.g. qtz+/-f.g.py stkwrk vns with 2-5mm med grey chl or light beige chl? alt halos comprise 5% of the unit. Later, randomly oriented 0.3-1.8cm f.g. qtz-f.g. to m.g. py+/-f.g. cpy+/-f.g. to v.f.g. mo+/-f.g. cream carbonate (dol?, powder fizzes with HCl) vns comprise 3% of the unit. Later, 2-4mm f.g. to m.g. gypsum+/-f.g. py+/-f.g. mo (locld) vns comprise 1-2% of the unit. Later qtz/gypsum vns cut stkwrk vns, later gypsum vns cut later qtz vns. Rare (1%), locld frac planes partially coated with sericite.							

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-120			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
117.67	128.00	Vlc Sed	Volcanic Sediment? With Moderate to Strong Potassic Alteration	117.67	128.00	3-5	1-2		F.g. py, finely diss, in stkwrk and later qtz/gypsum vns;
									vns~=diss. F.g. cpy, finely diss and in later qtz vns; diss>
			Massive, aphanetic (v.f.g.), eggr, dark grey brown-dark grey black-black. The gdmass is						vns. Strong correlation between locld inc in cpy
			dominantly partially to completely stained dark grey black to black (secondary bio?),						abundance and locld weak to mod magnetism.
			locally weakly to moderately magnetic and weakly silicified. Secondary Kfs is absent.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns comprise 5% of the unit.						
			Later, 3-5mm f.g. qtz+/-f.g. py+/-f.g. cpy vns comprise 1% of the unit. Later qtz vns						
			are randomly oriented and cut qtz stkwrk vns. Later, 2-5mm randomly oriented f.g.						
			gypsum+/-f.g. py vns comprise 3% of the unit. Later gypsum vns cut qtz stkwrk vns,						
			later qtz vns and each other in a stkwrk fashion.						
			***This unit has a blocky fracture and aphanetic nature very characteristic of the						
			vlc sed units viewed in other holes and at shallower depths in this hole. The way in						
			which this unit is inserted between two aphyric felsic intrusive/very alt vlc sed units						
			suggests that it may be a vlc sediment raft.						
128.00	163.37	Aphyric Fel?	Aphyric Felsic Intrusive? With Moderate Propylitic Alteration	128.00	163.37	3	1	≤1	F.g. to m.g. py, finely diss, in sktwrk and later qtz vns.
									Diss> vns, py is coarser in later vns. F.g. to v.f.g. cpy, finely
			Massive, light brown grey to light green grey. Compositionally appears similar to pph						diss and in later qtz vns, vns>diss. F.g. mo is present in
			qtz mnz. The unit is v.f.g. to f.g. (<2mm), eggr and appears to be felsic (qtz?-fsp?). The						later qtz vns.
			gdmass is commonly partially stained dark brown to dark grey black (secondary bio?).						
			2-6mm med green grey blebs and clots (chl alt relict mafics?) are locally abundant,	144.34	144.64	3	2		Cpy is finely diss and in 1-2mm qtz-py-cpy vns within
			comprising 5-7% of the unit. The dark brown staining and green grey blebs generate						bio-fsp-pph qtz mnz dyke.
			an overall mottled, locally spotted appearance. The gdmass is weakly to mod chl+/-						
			clay? alt and relatively soft. Secondary Kfs and magnetite are absent.						
			*** Locld dark brown sections are weakly foliated and texturally resemble a vlc						
			sediment, suggesting they may be preferentially melted/replaced vlc sed xenoliths?						
			Or that the unit is an extremely alt vlc sediment?. However, the unit neither has the						
			color nor the blocky and angular fracture characteristic of the vlc sediment. ***						
			1-2mm randomly oriented f.g. qtz+/-f.g. py with 2-4mm med green chl or light brown						
			chl?/clay? alt halos comprise 3% of the unit. Later, 0.2-1.5cm f.g qtz-f.g. to m.g. py+/-						
			f.g. carbonate (dominantly cream white dol, locally white cal)+/-f.g. to v.f.g. cpy+/-f.g.						
			to v.f.g. mo vns comprise 1-2% of the unit. Later qtz vns are locally vuggy with euh qtz						
			and/or carbonate lined walls. Cpy and mo are more commonly present than absent						
			in later vns. Later gypsum vns are absent. Minor (1-2%) frac planes partially coated						

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-120			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			with sericite.						
			128.00-134.94m: The unit is weakly brecciated (clast supported) and has a patchy appearance. 4cm bio-fsp pph qtz mnz dyke at 134.24m, sharp ctcs.						
			144.34-144.64m: Bio-fsp pph qtz mnz dyke, sharp ctcs. Fsp phenos are 3-5mm and strongly alt to clay-sericite.						
163.37	199.25	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite with Variable Alteration	163.37	199.25	3-5	1	<1	F.g. to m.g. py, finely diss, in sktwrk and later qtz vns.
									Diss> vns, py is coarser in later vns. F.g. to v.f.g. cpy, finely
			Massive, light grey to med green grey. 1-5mm white, anh fsp phenos comprise 40% of the unit. Fsp phenos are most commonly 1-3mm and are locally mod to strongly alt to sericite+/-clay. The gdmass is weakly to mod chloritized. Locally, the gdmass is						diss and in later qtz vns, vns>diss. F.g. mo is present in
			weakly to mod flooded with secondary, dark brown to dark grey black bio and weakly silicified. Fsp phenos are strongly sericite-clay alt where secondary bio flooding is	183.07	183.11	3	<1	<1	later qtz vns.
			present. Secondary bio is itsl in gdmass, phenos are absent. Secondary bio comprises						4.5cm vuggy f.g. qtz-f.g. to m.g. euh dol-f.g. py-f.g. cpy-v.f.g.
			3-4% of the unit, v locally inc to >5%. The unit is locally v weakly to weakly magnetic	190.52	190.85	3-5	2		mo vn. Vugs have euh dol encrusted walls.
			where secondary bio flooding is stronger. Secondary Kfs very, very locally partially						
			floods the gdmass. 2-4mm med grey to med grey green chl alt mafics (bio?) comprise						Cpy abundance inc locally to 2%, present as diss 2-3mm
			5-7% of the unit.						blebs, in a 7mm f.g. to m.g. py-f.g. qtz-f.g. cpy vn with
				195.03	195.03	25	1	<1	>90% py and is finely diss in the gdmass.
			1-2mm randomly oriented f.g. qz+/-f.g. py stkwrk vns with 2-4mm med green grey chl						1.4cm m.g. to c.g., suh to euh gypsum-m.g. to c.g., suh py-
			alt halos comprise 1-3% of the unit. Later, 0.3-1.4cm f.g. to m.g. cal and/or f.g. qtz+/-f.g.						f.g. cream dol-f.g. to m.g. anh cpy-f.g. to v.f.g. mo vn.
			to m.g. py+/-f.g. to m.g. cpy+/-f.g. to v.f.g. mo vns comprise 1-3% of the unit. Later						Sulphides and dol are itsl to gypsum.
			cal/qtz vns locally exhibit open space filling and drusy texts. Cal is more common than						
			qtz in later vns. Later vns are randomly oriented and cut stkwrk vns. Minor (1-2%) frac						
			planes partially to completely coated with sericite.						
199.25	216.61	Pph Qtz Mnz	Fsp Porphyritic Bio Qtz Monzonite With Strong Potassic Alteration	199.25	216.61	3	2-3	<<1	F.g. to m.g. py, finely diss, in stkwrk and later gypsum vns.
									Diss>vns, py is coarser in later vns. F.g. cpy, finely diss,
			Massive, dark grey black to black. 1-3mm light grey, anh fsp phenos are present as						in stkwrk and later gypsum vns, diss>vns. F.g. mo is v
			silicified ghost xls, comprising 35% of the unit. The gdmass is mod to strongly silicified,						locally present in later gypsum vns.
			strongly flooded with secondary bio and locally weakly to mod magnetic. With the						
			exception of locld alt halos on later gypsum vns, secondary Kfs is absent. 2-3mm med						
			green chl alt relict mafics (primary bio?) comprises 3-5% of the unit.						
			1-2mm randomly oriented f.g. qtz+/-f.g. py+/-f.g. cpy vns with 2-4mm med grey qtz alt						
			halos comprise 3-5% of the unit. Later, 0.2-2.0cm f.g. to m.g. gypsum+/-f.g. cal+/-f.g. to						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
163.37	199.25	w		vw-w			Very locld, very weak pot alt is suggested by the	163.37	199.25	fracs	50-65	2-3	Rare (<1%) frac planes with striations at top of unit.
							locld intervals of gdmass with weakly to mod				35-45	1	
							secondary bio flooding, locld vw-w magnetism				70	<1	
							and v weak, partial secondary Kfs flooding of the						
							gdmass. A mod prop alt overprint is defined by	198.04	199.25	ctc		grad	Lithological ctc, gradational over ~1m, defined by inc
							the weak to mod chl alt gdmass, relict mafics,						secondary bio abundance.
							stkwrk vn alt halos and cal dominant later vns.						
199.25	213.00			m-s	m-s	vw	Dark grey black to black. Strong pot alt defined	199.25	216.61	fracs	35-45	1-2	
							by the mod to strongly silicified, strongly bio				50-60	<1	
							flooded, weakly to mod magnetic gdmass. A very						
							locld, very weak prop alt is defined by the	216.61	216.61	ctc	20	sharp	Sharp planar lithological ctc.
							chl alt relict mafics.						
213.00	216.61		m-s	m	m	vw-w	Med brown grey to dark grey black. Fsp phenos						
							are strongly sericitized. The gdmass is mod						
							silicified, mod flooded with secondary bio and						
							locally weakly flooded with secondary Kfs. Weak						

Lions Gate Metals

Hole ID: 11-PC-120			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			m.g. py+/-f.g. cpy+/-f.g.+/-f.g. fl vns cut stkwrk vns. Later gypsum vns are randomly oriented, comprise 1-3% of the unit and are most commonly 2-4mm.						
216.61	221.74	Vlc Sed	Volcanic Sediment With Weak, Localised Propylitic Alteration	216.61	221.74	3			F.g. py, finely diss and in stkwrk vns. Vns~=diss.
			Massive, aphanetic (v.f.g.), med olive brown to med grey. The gdmass is weakly to clay+/-chl alt. 1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with 2-4mm med	119.38	119.38	3	<1	<1	2.2cm f.g. qtz-f.g. cal-f.g. py-f.g. cpy-f.g. mo vn.
			green grey alt halos comprise 5-7% of the unit. Rare (<1%), later 1-3mm f.g. cal+/-f.g.	199.97	199.97	3	<1	<1	2.6cm f.g. qtz-f.g. cal-f.g. py-f.g. cpy-f.g. mo vn.
			qtz vns cut stkwrk vns.						
			119.38-199.97m: Light grey, massive fsp pph qtz mnz dyke. Sharp ctcs, 2.2cm and						
			2.6cm f.g. qtz-f.g. cal-f.g. py-f.g. cpy-f.g. mo vns at upper and lower ctcs, respectively.						
221.74	229.82	Pph Qtz Mnz	Fsp Porphyritic Qtz Monzonite With Weak Propylitic Alteration	221.74	229.82	5	<1	<1	F.g. to m.g. py, diss, in stkwrk and later cal vns. Diss>vns,
									py is coarser in later vns. F.g. to m.g. cpy, finely diss and
			Massive, light grey buff and med green grey. 1-3mm white, anh fsp phenos comprise						in later cal vns. Vns>diss, cpy is coarser in later vns. F.g.
			40-45% of the unit. The gdmass is weakly clay alt. 2-9mm med green to med grey chl						to v.f.g. mo is present in later cal vns.
			alt relict mafic aggregates comprise 5% of the unit, generating a spotted/leopardskin						
			text. 1-2mm randomly oriented f.g. qtz+/-f.g. py stkwrk vns with 2-4mm med green chl						
			alt halos comprise 1-2% of the unit. Later, 0.4-1.0cm, randomly oriented f.g. to m.g.						
			cal+/-f.g. qtz+/-f.g. to m.g. py+/-f.g. to m.g. cpy+/-f.g. to v.f.g. mo vns comprise 1% of the						
			unit and cut stkwrk vns. Later cal vns locally have drusy texts with euh, bladed cal						
			lined walls. V rare (<<1%) frac planes with partial sericite coatings.						
			228.59m-229.11m: F.g. to m.g. cal-f.g. cpy vn running approx parallel tca. Vn locally						
			has drusy text with euh, bladed cal lined walls.						
			229.14m-229.40m: Pegmatitic cal vn, >5cm across (unit is solid cal). Cal is euh with						
			bladed habit. Locally drusy text.						
			The bladed habit of the cal may be indicative of secondary boiling						
229.82	242.63	Vlc Sed	Volcanic Sediment With Weak Propylitic Alteration	229.82	242.63	3-5	1	≤1	F.g. py, finely diss, in stkwrk and later qtz-cal vns. Diss py>
									vns. F.g. to v.f.g. cpy, v finely diss and in later vns. Vns>

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

HOLE ID: 11-PC-120		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
0.00	27.00	27.00		0		0		casing
27.00	30.00	3.00	1.70	57	0.60	20		20cm cored ovb; mod fractured
30.00	33.00	3.00	2.95	98	0.68	23		mod fractured
33.00	36.00	3.00	3.00	100	0.12	4		strongly fractured
36.00	39.00	3.00	3.00	100	0.10	3		strongly fractured
39.00	42.00	3.00	2.95	98	0.70	23		mod fractured
42.00	45.00	3.00	2.85	95	0.70	23		mod fractured
45.00	48.00	3.00	3.00	100	0.71	24		mod fractured
48.00	51.00	3.00	2.92	97	1.40	47		mod fractured
51.00	54.00	3.00	2.87	96	0.32	11		mod fractured
54.00	57.00	3.00	2.99	100	0.29	10		strongly fractured
57.00	60.00	3.00	2.96	99	0.10	3		strongly fractured
60.00	63.00	3.00	2.95	98	0.51	17		strongly fractured
63.00	66.00	3.00	2.85	95	1.46	49		mod fractured, locally pitted, crumbly
66.00	69.00	3.00	3.00	100	0.00	0		strongly fractured
69.00	72.00	3.00	3.00	100	0.00	0		strongly fractured
72.00	75.00	3.00	2.98	99	0.00	0		strongly fractured
75.00	78.00	3.00	3.01	100	0.59	20		mod-strongly fractured
78.00	81.00	3.00	3.00	100	2.74	91		consolidated run
81.00	84.00	3.00	3.03	101	2.49	83		
84.00	87.00	3.00	2.98	99	2.76	92		
87.00	90.00	3.00	2.97	99	2.82	94		
90.00	93.00	3.00	2.99	100	2.99	100		
93.00	96.00	3.00	3.05	102	2.96	99		
96.00	99.00	3.00	2.95	98	2.64	88		
99.00	102.00	3.00	2.95	98	2.92	97		
102.00	105.00	3.00	2.90	97	0.67	22		weakly-mod fractured
105.00	108.00	3.00	3.00	100	2.57	86		
108.00	111.00	3.00	2.98	99	2.76	92		
111.00	114.00	3.00	2.99	100	2.48	83		weakly fractured
114.00	117.00	3.00	2.93	98	2.00	67		
117.00	120.00	3.00	3.00	100	2.09	70		weakly fractured
120.00	123.00	3.00	3.00	100	2.67	89		weakly fractured
123.00	126.00	3.00	2.54	85	0.84	28		locally m-s broken/fractured minor gauge
126.00	129.00	3.00	2.96	99	2.67	89		
129.00	132.00	3.00	2.70	90	1.64	55		5cm gouge @ 129.21m
132.00	135.00	3.00	2.96	99	2.14	71		few gouge filled fracs
135.00	138.00	3.00	3.00	100	2.58	86		
138.00	141.00	3.00	2.95	98	2.66	89		
141.00	144.00	3.00	3.03	101	2.86	95		
144.00	147.00	3.00	2.96	99	2.88	96		

HOLE ID: 11-PC-120		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Magnetics	Comments
147.00	150.00	3.00	2.97	99	2.89	96		
150.00	153.00	3.00	3.00	100	2.76	92		
153.00	156.00	3.00	2.99	100	2.86	95		
156.00	159.00	3.00	3.00	100	2.49	83		
159.00	162.00	3.00	2.67	89	0.40	13		56cm clay rich gouge @ 160.77m
162.00	165.00	3.00	3.00	100	1.07	36		52cm clay rich gouge @ 165m
165.00	168.00	3.00	3.03	101	2.24	75		
168.00	171.00	3.00	2.96	99	2.72	91		
171.00	174.00	3.00	2.95	98	2.47	82		
174.00	177.00	3.00	2.95	98	2.66	89		
177.00	180.00	3.00	3.03	101	2.93	98		
180.00	183.00	3.00	2.93	98	2.63	88		
183.00	186.00	3.00	3.00	100	2.85	95		
186.00	189.00	3.00	3.01	100	2.86	95		
189.00	192.00	3.00	2.96	99	2.96	99		
192.00	195.00	3.00	2.95	98	2.59	86		
195.00	198.00	3.00	2.96	99	2.88	96		
198.00	201.00	3.00	2.95	98	2.80	93		
201.00	204.00	3.00	2.97	99	2.84	95		
204.00	207.00	3.00	2.95	98	2.95	98		
207.00	210.00	3.00	3.02	101	3.02	101		
210.00	213.00	3.00	3.00	100	2.95	98		
213.00	216.00	3.00	2.98	99	2.94	98		
216.00	219.00	3.00	3.00	100	2.48	83		
219.00	222.00	3.00	2.93	98	2.07	69		locally broken, crumbly
222.00	225.00	3.00	3.00	100	2.83	94		
225.00	228.00	3.00	3.00	100	2.93	98		
228.00	231.00	3.00	2.92	97	1.92	64		
231.00	234.00	3.00	2.80	93	0.80	27		weakly to mod fractured
234.00	237.00	3.00	3.02	101	1.35	45		
237.00	240.00	3.00	2.95	98	2.19	73		
240.00	243.00	3.00	3.03	101	2.48	83		
243.00	246.00	3.00	3.01	100	2.94	98		
246.00	249.00	3.00	3.04	101	2.45	82		
249.00	252.00	3.00	3.02	101	2.21	74		
	EOH							

Hole ID: 11-PC-120		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125886	27.21	30.21	3.00		1
125887	30.21	33.21	3.00		1-2
125888				Std CDN-CM-8	
125889	33.21	36.21	3.00		2-3
125890	36.21	39.21	3.00		3-4
125891				Blank	
125892	39.21	42.06	2.85		4
125893	42.06	45.06	3.00		4-5
125894	45.06	46.19	1.13		5
125895	46.19	49.19	3.00		5-6
125896	49.19	52.19	3.00		6-7
125897	49.19	52.19	3.00	Duplicate	6-7
125898	52.19	55.19	3.00		7-8
125899	55.19	58.75	3.56		8-9
125900	58.75	61.75	3.00		9-10
125901	61.75	64.75	3.00		10
125902	64.75	67.75	3.00		10-11
125903	67.75	70.75	3.00		11-12
125904				Std CDN-CM-11A	
125905	70.75	73.75	3.00		12-13
125906	73.75	76.75	3.00		13-14
125907	76.75	79.75	3.00		14-15
125908	79.75	82.75	3.00		15
125909				Blank	
125910	82.75	85.75	3.00		15-16
125911	85.75	88.19	2.44		16
125912	88.19	91.19	3.00		16-17
125913	91.19	94.19	3.00		17-18
125914	94.19	97.19	3.00		18
125915	97.19	100.19	3.00		18-19
125916	97.19	100.19	3.00	Duplicate	18-19
125917	100.19	103.19	3.00		19-20
125918	103.19	106.19	3.00		20
125919	106.19	109.19	3.00		20-21
125920	109.19	112.19	3.00		21-22
125921	112.19	115.19	3.00		22-23
125922	115.19	117.67	2.48		23
125923	117.67	120.67	3.00		23-24
125924	120.67	123.67	3.00		24-25
125925	123.67	126.67	3.00		25
125926				Std CDN-CM-11A	
125927	126.67	128.00	1.33		25
125928	128.00	131.00	3.00		25-26
125929	131.00	134.00	3.00		26-27
125930	134.00	137.00	3.00		27
125931	137.00	140.00	3.00		27-28
125932				Blank	
125933	140.00	143.00	3.00		28-29
125934	143.00	146.00	3.00		29
125935	146.00	149.00	3.00		29-30
125936	149.00	152.00	3.00		30-31
125937	152.00	155.00	3.00		31
125938	152.00	155.00	3.00	Duplicate	31
125939	155.00	158.00	3.00		31-32
125940	158.00	161.00	3.00		32-33
125941	161.00	163.37	2.37		33
125942	163.37	166.37	3.00		33-34
125943	166.37	169.37	3.00		34-35

Hole ID: 11-PC-120		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
125944	169.37	172.37	3.00		35
125945				Std CDN-FCM-7	
125946	172.37	175.37	3.00		35-36
125947	175.37	178.37	3.00		36-37
125948	178.37	181.37	3.00		37
125949				Blank	
125950	181.37	184.37	3.00		37-38
125951	184.37	187.37	3.00		38-39
125952	187.37	190.37	3.00		39
125953	190.37	193.37	3.00		39-40
125954	193.37	196.37	3.00		40-41
125955	193.37	196.37	3.00	Duplicate	40-41
125956	196.37	199.25	2.88		41
125957	199.25	202.25	3.00		41-42
125958	202.25	205.25	3.00		42-43
125959	205.25	208.25	3.00		43
125960	208.25	211.25	3.00		43-44
125961	211.25	214.25	3.00		44-45
125962	214.25	216.61	2.36		45
125963				Std CDN-CM-11A	
125964	216.61	219.61	3.00		45-46
125965	219.61	221.74	2.13		46-47
125966	221.74	224.74	3.00		47
125967	224.74	227.74	3.00		47-48
125968	227.74	229.92	2.18		48
125969				Blank	
125970	229.82	232.82	3.00		48-49
125971	232.82	235.82	3.00		49-50
125972	235.82	238.82	3.00		50-51
125973	238.82	241.82	3.00		51
125974	241.82	242.63	0.81		51
125975	242.63	243.48	0.85		51-52
125976	243.48	246.48	3.00		52
125977	243.48	246.48	3.00	Duplicate	52
125978	246.48	249.48	3.00		52-53
125979	249.48	252.00	2.52	EOH	53-54

2011 Poplar Drilling

Hole ID: 11-PC-121	Easting (NAD 83): 632232	Core Size: NQ	DDH Started: Oct. 30, 2011
	Northing (NAD 83): 5987036	Hole Azimuth: 180	DDH Finished: Oct. 31, 2011
Property: Poplar Deposit	Elevation: 882	Hole Angle: -50	Log Completed: Nov. 1, 2011
	Source: GPS	Total Depth: 172.82	Analysis by: ACME

Logged by: JW
Geotechnician: JW, Clinton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-50.0
102.74	188.9	-53.1
172.87	190.2	-53.1

Summary:	11-PC-121 varied between
altered Feldspar Biotite Porphyritic Quartz Monzonite and two different dykes. The FBPQM was fine grained, light-medium grey. 3.05-38.50m had 40-50% fs phenos, dominantly clay altered with an increase in biotite. 54.05-123.42m the fs phenos were faint to indistinct. Weak propylitic alteration overlying the host rock with sausseritization. 3-4% Py disseminated and in local quartz and calcite veins. Trace disseminated Cpy throughout, most often along vein margins with Py. Faulting is pervasive throughout the units	
38.50m-54.05m was an Intermediate? Mafic? Dyke, fine grained with intervals of maroon and grey/green groundmass. Weak argillic and propylitic alterations affecting the fs phenos. No mineralization was observed.	
123.42-172.82m was a Quartzeye Rhyolite Dyke with intervals of variably altered quartz monzonite. No mineralization was observed in the dyke, 1% diss Py, trace diss Cpy visible in the quartz monzonite.	
The purpose of the hole was to close the 0.10g/t gold grade shell on the northeast boundary and should collar in >0.10% Cu. It is also assisting in defining the orientation of the post mineral features in the East Zone. The assay results will show if the hole reached it's goal of finding 0.10% Cu.	

Lions Gate Metals

Hole ID: 11-PC-121			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	3.05	Ovb							
3.05	38.50	FB Qtz Mnz	Feldspar Biotite Porphyritic Quartz Monzonite	3.05	38.50	3			Py diss and in calcite, quartz veins
			Fine grained, medium grey groundmass, 40-50% sub-euhedral fs phenos	10.20					Calcite vein 50tca with Py and moly?
			dominantly altered by clay, <5% biotite. 11.28-19.11m, 26.52-30.31 groundmass						Tetra? Small black metallic specks
			turns dark grey with an increase in biotite 7-8% as <1mm specks (reddish brown, black) and 1mm subhedral phenos. Fs still visible with 1-5mm euhedral phenos						<1mm on margins of vein
			altered by clay. Weak propylitic alt throughout with sausserite and groundmass						
			appearing pale green/grey. 3.05-6.75m highly oxidized broken core with						
			heavy microdefects and vuggy. 20.42-37.20m strongly broken with Py, gouge,						
			cl, rubble visible on fractured surfaces.						
			2-3% Py diss 1-2mm cubes, visible in vuggy/weathered qtz veins. Faulting is						
			pervasive with soft light grey gouge, rubble, cl affecting whole pieces of core						
38.50	54.05	Int Dyke	Intermediate? Mafic? Dyke (Andesite?)	38.50	54.05				No observed mineralization
			Fine grained, weakly foliated. Bleached upper and lower contacts. Intervals of						
			maroon and light grey/green groundmass throughout unit. Maroon seems to overlay						
			the grey/green groundmass. Bleached intervals, 2-30cm, usually around veining.						
			1-7mm qtz? filled amygdules and subhedral fs phenos alt to clay, sausseritized,						
			hm?/ksp? - red. Moderate microdefects, core-axis breaks filled with 1mm white						
			powder (ser?)						
54.05	123.42	Qtz Mnz	Variably Altered Quartz Monzonite	54.05	123.42	4	tr	tr	4-5% Py diss, veins, throughout
			Fine grained, light grey groundmass, fs phenos faint to indistinct. Moderate						fault zones.
			potassic alt with an overlying weak propylitic alt.						Trace Cpy diss seen in pot
			66.68-78.80m 1-2m intervals of mod phyllic alt and weak propylitic alt	56.20					alt. with bio, Py and along gypsum vein
			78.80-124.48m predominantly potasic altered with faint/indistinct fs phenos						margins with bio, Py Black metallic
			3-4% Py diss, veins, trace Cpy usually assoc. with Py or along vein margins						<1mm speck with bio, cpy?, Py -
			in pot alt environment. Trace Moly?/tetra? assoc. with Py along local gypsum veins						moly? Tetra? in light grey groundmass
			Faulting throughout with semi-consolidated gouge, rubble with black semi-hard						
			veinlets in the gouge, rock is vuggy in faulted areas, especially along core-axis with						
			Py. Local 1cm gypsum veins with chilled margins - black (bio, py, cpy assoc. on						
			margins). Local sericite veinlets, Py veinlets 30-55tca						
			114.91-115.87 mafic dyke?/volcanic? intrusion - vfg, black, weakly foliated with 3-4%						
			fs phenos 1-5mm. Weakly foliated 40tca. Upper contact 27tca is faulted with dark						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serial	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
3.05	38.50	s	w	m	m	w	Moderate potassic alt with a weak overlying propylitic	9.34	10.04	ft	35		Semi-consolidated gouge, cl, rubble
							alt. Fs phenos locally altered to ksp? (pink), sausserite	11.53	11.56	vn	55		Calcite vein with chilled margins (black), vuggy
							(green). Groundmass varies between medium grey to light	11.96	12.15	ft	50		Semi-consolidated gouge, cl, rubble
							grey/pale green with potassic and propylitic alts. Phenos	13.12	13.30	ft			Semi-consolidated gouge, cl, rubble
							dominantly clay altered	13.43		vn			Calcite vein vuggy with Py (1mm cubic) in core of vein
21.00	30.31						Fs dominantly yellow coloured, soft, in med grey groundmass	15	15.16	ft	50		Semi-consolidated gouge, cl, rubble
								16.12	17.63	ft			Semi-consolidated gouge, cl, rubble
11.28	30.31	s	w	s	m		Intervals of biotite alt with groundmass a dark grey	19.30	19.70	ft			Semi-consolidated gouge, cl, rubble
							Reddish-brown specks <1mm in patches, 1mm	20.42	37.60	ft/bk	35		Gouge, cl, rubble throughout broken zone - on fracture
							black biotite phenos very visible						surfaces and as 5cm ft zones between broken core
								38.36	38.50	ft/cn	40		14cm soft gouge, rubble, cl with sharp lower contact
								38.34		vn/int	35		Dark grey matrix with clasts (intrusion?), fs visible
													leads into fault
								9.34	19.70	ft/vn	50		Fault zones have soft black veins 50tca, oriented in gouge
								38.50		cn	40		Bleached 10cm sharp contact, bordering on fault with
38.50	54.05						Bleached upper and lower contacts 10cm, Bleached over 2cm						soft gouge from previous unit
							areas on local gypsum and qtz veins	54.05		cn	35		Bleached 10cm sharp contact with a 2mm gypsum
													vein seperating the units
								38.50	54.05	vn	40		Local gypsum, qtz, small white veinlets throughout
													with gypsum, qtz veins bleached on either side by 2cm
54.05	66.68	vw	vw	w	m		Groundmass tortoise shell appearance (biotite?) with	54.05	54.40	brecc	48		Black fg matrix with 5-15mm subrounded clasts,
							light brown/grey groundmass and stockwork black						Cn are gypsum veins 48tca
							veinlets? Mineralization? Bio? Very weak overlying propylitic	54.40	54.50	ft	48		1cm soft gouge with 3mm gypsum vein before 10cm
							alt with sausserite and patchy green groundmass						consolidated gouge, rubble with pink qtz? vein?
66.68	78.80	m	m	m	m	w	Fs phenos more visible - alt by cl, ser, ksp? Intervals of w-m						(deformed)
							pot alt, weak propylitic, mod phyllic. Groundmass patchy light	57.28	57.47	ft	60		Contact consists of black brittle coating on 3mm
							brown in places with pot alt, light grey where fs phenos present						gypsum vein with 1mm gouge infill Heavy microdefects,
78.80	82.36						Same as described in first alt unit. There is a sharp						vuggy until lower contact 40tca-5mm dark grey gypsum
							upper contact, 85tca, where pot alt dominates and						vein, slickenside on fracture surface
							fs phenos become indistinct. Light brown-cream groundmass	54.40	124.48	vn	35-50		Local gypsum veins, chilled black margins
							with w-m biotite alt. Lower contact sharp, defined by						Py, Cpy associated. Often as contacts to faulted areas
							fault with 3cm dark grey/black soft gouge						local and stockwork black semi-soft infill wrapping
82.36	114.91	m	m	m	w	w	Light grey groundmass where fs phenos are faint - alt by						around core - veins? Gouge? Py? 30-50tca

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Hole ID: 11-PC-121		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
3.05	5.18	2.13	1.50	70	0.62	29	JW tech	
5.18	8.23	3.05	2.92	96	1.12	37		
8.23	11.28	3.05	2.78	91	1.28	42		
11.28	14.33	3.05	3.03	99	1.16	38		
14.33	17.37	3.04	3.00	99	1.58	52		
17.37	20.42	3.05	3.02	99	1.77	58		
20.42	23.47	3.05	2.80	92	0.54	18		
23.47	26.52	3.05	2.88	94	0.82	27		
26.52	29.57	3.05	3.00	98	0.00	0		
29.57	32.61	3.04	2.95	97	0.10	3		
32.61	35.66	3.05	3.05	100	0.12	4		
35.66	38.71	3.05	3.02	99	0.78	26		
38.71	41.76	3.05	2.98	98	2.17	71		
41.76	44.81	3.05	2.94	96	2.71	89		
44.81	47.85	3.04	3.05	100	2.92	96		
47.85	50.90	3.05	3.06	100	2.90	95		
50.90	53.95	3.05	3.08	101	2.94	96		
53.95	57.00	3.05	3.06	100	2.20	72	Clinton tech	
57.00	60.05	3.05	3.05	100	2.90	95		
60.05	63.09	3.04	3.05	100	2.75	90		
63.09	66.14	3.05	3.03	99	2.64	87		
66.14	69.19	3.05	3.07	101	2.76	90		
69.19	72.24	3.05	3.04	100	2.62	86		
72.24	75.29	3.05	2.93	96	2.73	90		
75.29	78.33	3.04	2.95	97	2.73	90		
78.33	81.38	3.05	3.05	100	2.48	81		
81.38	84.43	3.05	3.05	100	2.80	92		
84.43	87.48	3.05	2.97	97	2.66	87		
87.48	90.53	3.05	2.97	97	2.31	76		
90.53	93.57	3.04	2.97	98	2.72	89		
93.57	96.62	3.05	2.96	97	2.67	88		
96.62	99.67	3.05	3.02	99	2.69	88		
99.67	102.72	3.05	3.00	98	2.70	89		
102.72	105.77	3.05	2.95	97	2.92	96		
105.77	108.81	3.04	3.05	100	2.52	83		
108.81	111.86	3.05	3.00	98	2.68	88		
111.86	114.91	3.05	3.00	98	2.66	87		
114.91	117.96	3.05	3.02	99	2.26	74		
117.96	121.01	3.05	3.00	98	2.61	86		
121.01	124.05	3.04	3.01	99	2.57	85		
124.05	127.10	3.05	2.90	95	1.81	59		
127.10	130.15	3.05	2.90	95	2.28	75		
130.15	133.20	3.05	3.05	100	2.16	71		
133.20	136.25	3.05	2.97	97	2.46	81		
136.25	139.29	3.04	3.05	100	2.44	80		
139.29	142.34	3.05	3.00	98	2.28	75		
142.34	145.39	3.05	3.05	100	2.09	69		
145.39	148.44	3.05	3.05	100	1.90	62		
148.44	151.49	3.05	2.95	97	2.23	73		
151.49	154.53	3.04	3.05	100	1.41	46		
154.53	157.58	3.05	3.05	100	2.73	90		
157.58	160.63	3.05	3.05	100	1.89	62		
160.63	163.68	3.05	3.00	98	2.57	84		
163.68	166.73	3.05	2.95	97	2.51	82		
166.73	169.77	3.04	3.10	102	2.55	84		
169.77	172.82	3.05	3.05	100	2.94	96	EOH	

Hole ID: 11-PC-121		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047225	3.05	6.05	3.00		1
1047226	6.05	9.05	3.00		1-2
1047227	9.05	12.05	3.00		2-3
1047228	12.05	15.05	3.00		3-4
1047229	15.05	18.05	3.00		4
1047230	18.05	21.05	3.00		4-5
1047231	21.05	24.05	3.00		5
1047232	24.05	27.05	3.00		5-6
1047233	27.05	30.05	3.00		6-7
1047234	30.05	33.05	3.00		7-8
1047235	33.05	36.05	3.00		8-9
1047236	36.05	38.50	2.45		9
1047237	38.50	41.50	3.00		9-10
1047238	41.50	44.50	3.00		10-11
1047239	44.50	47.50	3.00		11
1047240	44.50	47.50	3.00	Duplicate	11
1047241	47.50	50.50	3.00		11-12
1047242	50.50	52.00	1.50		12
1047243	52.00	54.05	2.05		12-13
1047244	54.05	57.05	3.00		13
1047245	57.05	60.05	3.00		13-14
1047246	60.05	63.05	3.00		14-15
1047247	63.05	64.83	1.78		15
1047248	64.83	66.68	1.85		15-16
1047249	66.68	69.68	3.00		16
1047250	69.68	72.68	3.00		16-17
1047251	72.68	75.68	3.00		17-18
1047252	75.68	77.80	2.12		18
1047253	77.80	78.80	1.00		18
1047254	78.80	81.38	2.58		18-19
1047255	81.38	82.40	1.02		19
1047256	82.40	85.40	3.00		19-20
1047257	85.40	88.40	3.00		20-21
1047258	88.40	91.40	3.00		21
1047259				Std FCM-7	
1047260	91.40	94.40	3.00		21-22
1047261	94.40	97.40	3.00		22-23
1047262	97.40	100.40	3.00		23
1047263	100.40	103.40	3.00		23-24
1047264	103.40	106.40	3.00		24-25
1047265	106.40	109.40	3.00		25
1047266	109.40	112.40	3.00		25-26
1047267	112.40	114.91	2.51		26-27
1047268	114.91	115.87	0.96		27
1047269	115.87	118.87	3.00		27
1047270				Blank	
1047271	118.87	121.87	3.00		27-28
1047272	121.87	123.42	1.55		28
1047273	123.42	125.71	2.29		28-29
1047274	125.71	128.71	3.00		29-30
1047275	128.71	131.71	3.00		30
1047276	131.71	134.71	3.00		30-31
1047277	134.71	137.71	3.00		31-32
1047278	137.71	140.71	3.00		32
1047279	140.71	143.71	3.00		32-33
1047280	143.71	146.71	3.00		33-34
1047281	146.71	149.71	3.00		34
1047282	149.71	152.71	3.00		34-35

Hole ID: 11-PC-121		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047283	152.71	155.71	3.00		35-36
1047284	155.71	158.71	3.00		36-37
1047285	155.71	158.71	3.00	Duplicate	36-37
1047286	158.71	161.71	3.00		37
1047287	161.71	164.71	3.00		37-38
1047288	164.71	167.31	2.60		38-39
1047289	167.31	167.92	0.61		39
1047290	167.92	170.92	3.00		39
1047291	170.92	172.82	1.90		39-40
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-122	Easting (NAD 83): 631954	Core Size: NQ	DDH Started: Oct. 31, 2011
	Northing (NAD 83): 5987051	Hole Azimuth: 175	DDH Finished: Nov. 2, 2011
Property: Poplar Deposit	Elevation: 915m	Hole Angle: -60	Log Completed: Nov. 4, 2011
	Source: GPS	Total Depth: 252.07m	Analysis by: ACME

Logged by: JW
Geotechnician: JW, Clinton
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	175.0	-60.0
102.74	177.4	-61.3
200?	183.8	-60.3
252.13	186.6	-60.3

<p>Summary:</p> <p>Feldspar Porphyritic Quartz Monzonite and Intermediate? Mafic? Dykes were the two dominant units in the hole with a Fault appearing at 148.10-149.95m. 10% of hole consisted of local and stockwork quartz, gypsum, black sooty (Py?) veins. FPQM was fine grained with light grey groundmass. Pervasive argillic alt affecting fs phenos with sausseritization becoming prevalent towards the bottom. Intervals of moderate potassic and propylitic alteration throughout the hole. Mineralization was visible in all alterations, increasing around 156m. Py averaged 7%, disseminated and remobilized along local quartz, gypsum veins. Trace-0.2% Cpy increasing towards bottom of hole, particularly in the potassic and secondary biotite alterations. Blebby along quartz veins with Py. Trace Moly and Sph were observed around local quartz veins with Py, Cpy.</p> <p>IMD appeared very fine grained with maroon coloured host rock. No mineralization was observed.</p> <p>The fault zone consisted of consolidated gouge, rubble with vuggy appearance and stockwork black sooty veins</p> <p>The purpose of 11-PC-122 was to close the 0.10g/t gold grade shell on the northeast boundary. The hole should collar n >0.15% Cu and test for Au below 11-PC-84. Assay results will confirm if the target of >0.15% Cu was reached.</p>
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Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
27.43	54.77	s	w	w	m		Dominantly arg altered, weak biotite throughout, moderate silica alt.	37.40	42.40	bk/ft		s	Fault? Very broken with clay, gouge? Throughout
							Weathering/oxidization affects entire unit seen on fracture surfaces, whole rock, veinlets and in the fault zones.	27.43	54.77	bk		s	Oxidization present - Hm?, Lim?
													Strongly broken, lots of weathering visible on fracture surfaces, veins, whole rock. Stockwork Py veinlets with local quartz veins 20-50 tca
								55.69	55.73	ft		w	Gouge,cl infill between joints
54.77	78.80	m	w	m	s	m	Weak-moderate potassic alt with an overlying weak propylitic alt. Fs phenos are visible but faint. Dominantly altered by clay, but ksp? (pink), sausserite (green) also observed. Groundmass is a light-med grey colour with overlying pink hue in places where potassic alt (hm staining?) is observed	57.10		vn	35		Gypsum vein with Py, Moly on margins
							61.50m, 64.50m, 76, 85m. Also a green/grey where propylitic alt is seen (62.30m, 77m)	58.47	58.80	vn	20		Gypsum vein (translucent, pink) with Py>Cpy>Sph observed on the margins. Vuggy around apex.
													Black thin vein? following margins (Py?) chilled
								61.90		jn	40		Slickenside, 4mm black gouge?, soft
								62.65		vn	65		Calcite vein 5mm with 3mm Py coating
								64.23		vn	30		Qtz vein with Py>Cpy on margins
								66.88		vn	25		Gypsum - smokey grey with chilled black (Py?) margins
								67.23		vn	30		Qtz vein with Py>Cpy on margins
78.80	88.08	s	w	m	m	m	Fs phenos larger 1-5mm, subhedral in med grey groundmass. Dominantly altered by clay, weak ksp? alt of phenos (or hm staining?) pink hue on groundmass and in the pheno. No observable propylitic alt.	67.85		vn	20		Qtz vein with Py>Moly on margins, core
								69.51, 69.60		jn	60, 48		Slickenside, 3mm black gouge? Soft
								70.68	72	ft			Jns have infill of 1-5mm gouge, cl - dark grey
								73.88		vn	25		1cm gypsum vein with 1mm talc?, ser? Infill - white, soapy
								77.56		vn			Massive Py vein
								80.02		vn	47		4cm pink/transluent gypsum vein - brecciated leading up to the vein with white fine grained matrix (vein?) and grey rounded clasts (fs phenos alt?)
													Py>Cpy>Moly on/in vein
								83.98	84.05	vn	30		Rose/grey coloured qtz vein with 1cm qtz in centre, Py>Moly on margins - black thin Py? veinlet on margin
								88.08		cn	25		Sharp lower contact - 2mm ser? vein separating units
								54.77	88.08			5	1-2mm sericite veinlets 30-50 tca, local qtz veins, 30-50 tca, local gypsum veins 20-75 tca,

Lions Gate Metals

Hole ID: 11-PC-122			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
88.08	90.00	RDDK?	Intermediate? Quartz? Monzonite? Felsic? Dyke	88.08	90	1-2			Py diss, visible in core of the brown clasts?
			Upper and lower contacts are very sharp, separated by qtz veins. Very						
			fine grained, light brown/grey groundmass, weakly foliated. 5% of unit are						
			clasts? With dark brown outer perimeter and light brown core, rounded 1-10mm,						
			very hard (qtz?). Disseminated Py visible in their centres. Small black						
			<1mm specks visible throughout (bio?, hm?).						
			88.40m 1-2cm hard white round clasts? with light brown centre						
			Fs phenos visible as 5% of unit, 1-5mm. Phenos altered to clay , ksp?,						
			sausserite. Local gypsum veins 30-60 tca, randomly oriented						
90.00	91.47	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	90	91.47	1			Local veins
			Fine grained, medium grey groundmass, 40% of unit are fs phenos 1-10mm						
			sub-euhedral. Arg alt. dominant with a weak overlying potassic alt.						
			Local Py veins/stringers 45tca						
91.47	96.27	Int Dyke	Intermediate? Mafic? Dyke	91.47	96.27	0.5			Py diss in FBQM
			Appears like above unit was flooded by an intrusion of clay (dirty grey,						
			very fine grained, brecciated look with above FPQM appearing as						
			clasts in the clay.						
			91.47-91.57m faultlike appearance, vuggy, major						
			deformation, black consolidated gouge? with grey clay?. 91.80m						
			clay? is dominant and small 5-10mm rounded clasts appear. Very hard,						
			smokey grey/black - quartz?.						
			Local 3mm calcite veins 40tca						
			92.22-94.21m dyke becomes maroon with local 1mm sericite						
			veinlets 40-50 tca, weakly foliated. Half of the whole rock pieces						
			are maroon and other half is bleached. 94.21-95.55m rock is						
			entirely maroon before becoming bleached again at 95.37m						
			95.37-96.27 unit returns to above mentioned clay intrusion - Albite?						
			Majorly deformed with FPQM occasionally appearing through the clay?						
96.27	135.12	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	96.27	135.12	7	0.1	tr	5-7% Py diss and veins. Associated with gypsum
			Fine grained, light-medium grey groundmass. 50-60% of unit are fs phenos						veins along their margins and with quartz veins
			1-7mm sub-euhedral. Moderate arg alteration throughout, weaker						on margins and in it's core.
			phyllic, vw potassic, w-m propylitic. Appears propylitic is						Trace-0.1% diss Cpy, usually with Py and biotie
			overlying pot. Secondary biotite alt is pervasive, mineralization						Trace Moly wity Py, biotite around veining

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													stockwork black sooty veinlets (Py?)
88.08	90	m	w	w	m?	m	Weak-Moderate arg, propylitic and potassic alt with fs phenos alt to clay, ksp? (pink), sausserite (green). Small 1-2mm veinlets - sericite?	88.08	90	cn	25		Upper and lower contacts are qtz veins, sharp Local gypsum veins 30-60 tca
90	91.47	s			m	w	Fs phenos altered to clay, <1% alt to ksp? (pink)	90.90	90.91	vn	45	s	Py vein
								91.47		cn	30		Gradational contact into intermediate? Mafic? dyke
91.47	96.27							91.47	91.57	ft?/cn	30		Appears faultlike at contact with deformation and consolidated gouge, clay, black vein? wraps around core (Py?)
								91.47	96.27	vn	45	s	Local calcite veins throughout
								96.27		cn	46		Sheared lower contact
96.27	135.12	m	m	s	s	vw	Arg alt is dominant replacing fs phenos with clay	96.27	135.12	vn		3	Local sericite veinlets 40-50tca, local gypsum
							Weak-moderate phyllic alt with sericite observed						veins 1cm with Py on it's margins 70tca
							replacing fs phenos. Weak potassic, <5%						Stockwork black sooty looking veinlets
							phenos altered to ksp?. Propylitic alt is observed						Slickensides on jn surfaces due to gypsum veins,
							throughout with sausseritization. Fs phenos						talc?, ser? observed (white, soapy feel)

Lions Gate Metals

Hole ID: 11-PC-122			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			often associated with it						Specks of hm throughout
			Stockwork black sooty veins <5% with local quartz and	107	126				Py forming around/on light grey circles - possibly
			gypsum veins ~1cm 40-75 tca.						qtz, groundmass is white
			5-7% Py diss, veins, trace-0.1% diss Cpy and trace Moly						
			observed with Py along vein margins.						
			107-126m round 1-10mm light grey circles appear with Py centre						
			possibly qtz? very hard						
135.12	143.17	Int Dyke	Intermediate? Mafic? Dyke	135.12	143.17				No observable mineralization
			Very fine grained, dark grey/brown coloured with bleached intervals.						
			135.12-135.30m bleached and strongly broken. Weakly foliated 50tca						
			with 1-5mm rounded quartz filled amygdules and subhedral fs phenos						
			making up 10% of unit. Quartz amygdules surrounded by thin calcite?						
			ring. Fs phenos dominantly altered by clay, with minor sausseritization						
			Hm?/Ksp? observed as red speck in centre of fs pheno.						
			137.34-141.17m major stockwork veining (white, soft) looks like webbing						
			dolomite>calcite. 3-4cm tan coloured veins?/bleaching? 20-40 tca						
			(qtz/carbonate veins?) associated with the stockwork veinlets						
			Striated gypsum observed in some tan coloured veins.						
			141.09-141.17m tan/bleached? fault zone with brecciated? Gouge -						
			semi-consolidated with IMD clasts in the gouge. After the fault						
			stockwork veining disappears, with only local qtz/dolomite veins						
143.17	148.10	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	143.17	148.10	4			4% Py disseminated and along veins.
			143.17-143.76m strong propylitic alterations with groundmass						Hm visible as 1-2mm specks, with biotite, py
			grey/green, sausseritization altering fs phenos which are 90% alt.						
			Similar clay? intrusion as seen in unit 91.47-96.22m giving core a						
			brecciated? look. 1-3mm round quartz phenos throughout - smokey						
			grey, hard.						
			Hm is scattered as 1-2mm specks, assoc. with biotite. Py diss throughout						
			143.57m there is 3cm tan coloured soft gouge 50tca.						
			143.76-146.87m propylitic alteration is moderate with groundmass						
			a medium grey, fs phenos more visible, altered to sausserite, clay.						
			146.87-148.10m faulted contact and alteration changes from propylitic						
			to moderate potassic with pink hue on groundmass, and fs phenos						
			alt to ksp?						
			Local black sooty veins (Py?) 30tca. Several jns with gouge						
			infill, soft, light-dark grey.						

Lions Gate Metals

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Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								156.44	199.64	vn	30-40		Local gypsum, quartz veins ranging in size with
													30-40tca
								179.24		vn	45		Quartz vein, Py in centre, margins, diss Cpy on margins
								181.50		vn	20		Qtz vein with Py, Moly, Cpy
								186		vn	35		3cm qtz vein with Py>Moly>Cpy
								192.20		vn	25		Gypsum vein with chilled black margins, Py on margins
199.64	200.77						Bleaching throughout. Fs phenos altering to clay,	200.67		vn	20		1cm calcite vein
							hm?.ksp? Specks in core of certain fs phenos -	199.64	200.77	cn			Contacts are undulating, tan coloured clay? Albite?
							bright red, leaves pinkish streak. Sausseritization						semi-hard 15cm before upper contact with calcite
							observed in select fs phenos						veinlets, 15cm before lower contact, intruding
													into the next unit.
200.77	208.35	m	w	m	s	s	Strong silica/pot alt with groundmass dark grey to	206.30		vn	50	s	Smokey grey/pink 4cm qtz vein with Py>Sph along
							pink/brown where pot alt overrides original texture						margins
							50% fs phenos alt to clay, 40% to ksp, <5% saus. With	208.35		vn	40	s	1.5cm Py vein. 1-2mm blebs of Cpy visible in centre
							vw propylitic alt. Mod biotite alt as <1mm specks	210.32		jn	30	s	Slickenside, 1mm gouge, cl
							and 1mm euhedral phenos	218.45		jn	45	s	Slickenside, 1mm gouge, cl
203.75	206.35						203.75m silica alt is dominant with	231.44	232.01	ft		s	Half of the core is fault with semi-consolidated gouge,
							fs phenos fading and host rock uniform grey						rubble, half core is solid whole rock
							1mm biotite specks throughout	239.35	239.40	vn	85	<1	Fs phenos disappear, very small black sooty
							40tca 1mm white veinlets cutting through (ser?)						banding with local Py bands 85tca
206.35	221.59	s	w	m	m		Strong arg alt, groundmass light grey, with	222.16	222.50	ft		s	Semi-consolidated, vuggy with gouge, rubble zone
							very visible 2-7mm sub-euhedral fs phenos alt to clay	227.95		vn	30	s	Qtz vein with Py in centre
							weak propylitic with sausserite	231.52		jn	22	s	Very black soft vein? Py? Gyp? with slickenside
221.59	228.40	m	w	m	s	s	Same as described in first alt unit	241.85		jn			infill with 1cm soft gouge with qtz vein running
228.40	244	m	w	m	m		Weak potassic with mod propylitic overlying, mod						along core-axis to 242.55m (black thin chilled
							arg. Groundmass light grey with 2-7mm subhedral						margins with Py.
							fs phenos alt to cly, sausserite. Turns grey/green	243.93		jn	60	s	Infill 2mm gouge, cl, rubble
							where sausserite is observed. Mod biotite	244.08	244.27	vn	30	s	Series of black veins/banding, soft, undulating with
							alt associated with mineralization						sea green chl? 3mm anhedral, visible around
244	250	w		m-s	s		Groundmass turns dark grey, fs phenos become						veins, overlying the pot alt.
							smaller and less distinct. M-s biotite alt as 1-2mm	244.62	244.75	ft	25	w	Fault with 25tca black banding/vein?
							specks with w-m propylitic alt giving core a grey/	245.24		jn	20	w	Infill 1cm gouge, rubble, med-dark grey
							green hue. M-s silica alt with 3-7mm round blobs?	246		vn	35		2cm qtz vein with black margins
							qtz? very hard, smokey grey. Weak potassic alt in areas	247.39	247.46	vn	45	s	Calcite (pink), qtz?, py (black bands/veins) are
							where groundmass is pink/brown hue.						intermingled together - deformed looking

Lions Gate Metals

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Lions Gate Metals

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Hole ID: 11-PC-122		Geotechnical Data					
From	To	Length	Recovery	RQD	%	Comments	
26.52	29.57	3.05	1.36	0.00	0	Clinton tech	
29.57	32.61	3.04	2.60	0.19	6		
32.61	35.66	3.05	2.08	0.42	14		
35.66	38.71	3.05	2.65	0.16	5		
38.71	41.76	3.05	1.63	0.00	0		
41.76	44.81	3.05	2.95	0.24	8		
44.81	47.85	3.04	3.05	0.26	9		
47.85	50.90	3.05	2.95	0.00	0		
50.90	53.95	3.05	3.05	0.00	0		
53.95	57.00	3.05	2.98	2.14	70		
57.00	60.05	3.05	3.05	2.92	96		
60.05	63.09	3.04	3.05	2.69	88		
63.09	66.14	3.05	3.05	2.86	94		
66.14	69.19	3.05	2.90	2.84	93		
69.19	72.24	3.05	3.04	2.10	69	JW tech	
72.24	75.29	3.05	3.18	3.05	100		
75.29	78.33	3.04	2.80	2.50	82		
78.33	81.38	3.05	3.11	2.91	95		
81.38	84.43	3.05	3.06	2.00	66		
84.43	87.48	3.05	3.05	3.00	98		
87.48	90.53	3.05	3.05	2.83	93		
90.53	93.57	3.04	3.05	1.99	65		
93.57	96.62	3.05	3.07	1.04	34		
96.62	99.67	3.05	3.05	1.96	64		
99.67	102.72	3.05	3.05	3.00	98		
102.72	105.77	3.05	3.03	2.97	97		
105.77	108.81	3.04	3.05	2.85	94		
108.81	111.86	3.05	2.98	2.94	96		
111.86	114.91	3.05	3.05	2.97	97		
114.91	117.96	3.05	3.06	2.85	93		
117.96	121.01	3.05	3.00	2.89	95		
121.01	124.05	3.04	3.07	2.94	97		
124.05	127.10	3.05	3.02	2.88	94		
127.10	130.15	3.05	3.07	3.01	99		
130.15	133.20	3.05	2.83	1.60	52		
133.20	136.25	3.05	2.95	1.08	35		
136.25	139.29	3.04	2.92	2.34	77		
139.29	142.34	3.05	2.93	1.75	57		
142.34	145.39	3.05	3.04	2.16	71		
145.39	148.44	3.05	3.04	2.59	85		
148.44	151.49	3.05	3.00	2.44	80		
151.49	154.53	3.04	2.84	1.69	56		
154.53	157.58	3.05	2.99	2.61	86		
157.58	160.63	3.05	2.99	2.63	86		
160.63	163.68	3.05	3.05	2.52	83		
163.68	166.73	3.05	3.00	2.46	81		
166.73	169.77	3.04	3.05	2.53	83		
169.77	172.82	3.05	2.98	2.71	89		
172.82	175.87	3.05	3.01	2.84	93		
175.87	178.92	3.05	3.00	2.55	84		
178.92	181.97	3.05	2.99	2.75	90		
181.97	185.01	3.04	3.11	2.89	95		
185.01	188.06	3.05	2.99	2.40	79	JW tech	
188.06	191.11	3.05	2.98	2.68	88		
191.11	194.16	3.05	3.01	2.98	98		
194.16	197.21	3.05	3.07	2.84	93		
197.21	200.25	3.04	2.98	2.92	96		
200.25	203.30	3.05	3.00	2.68	88		
203.30	206.35	3.05	2.98	2.91	95		

Hole ID: 11-PC-122		Geotechnical Data					
From	To	Length	Recovery	RQD	%	Comments	
206.35	209.40	3.05	2.94	2.77	91		
209.40	212.45	3.05	3.03	2.65	87		
212.45	215.49	3.04	2.95	2.81	92		
215.49	218.54	3.05	3.06	2.71	89		
218.54	221.59	3.05	2.97	1.70	56		
221.59	224.64	3.05	2.90	2.95	97		
224.64	227.69	3.05	3.04	2.28	75		
227.69	230.73	3.04	2.95	2.68	88		
230.73	233.78	3.05	3.07	3.02	99		
233.78	236.83	3.05	3.02	2.76	90		
236.83	239.88	3.05	3.05	2.87	94		
239.88	242.93	3.05	2.96	2.75	90		
242.93	245.97	3.04	3.05	2.76	91		
245.97	249.02	3.05	2.97	2.40	79		
249.02	252.07	3.05	2.98	2.98	98	EOH	

Hole ID: 11-PC-122		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047292	27.43	30.43	3.00		1
1047293	30.43	33.43	3.00		1-2
1047294	33.43	36.43	3.00		2
1047295	36.43	39.43	3.00		2-3
1047296	39.43	42.43	3.00		3
1047297	42.43	45.43	3.00		3-4
1047298	45.43	48.43	3.00		4-5
1047299	48.43	50.00	1.57		5
1047300	50.00	51.77	1.77		5-6
1047301	51.77	54.77	3.00		6-7
1047302	54.77	57.77	3.00		7-8
1047303				Std FCM-7	
1047304	57.77	60.77	3.00		8
1047305	60.77	63.77	3.00		8-9
1047306	63.77	66.77	3.00		9-10
1047307	66.77	69.77	3.00		10
1047308	69.77	72.77	3.00		10-11
1047309	72.77	75.80	3.03		11-12
1047310	75.80	78.80	3.00		12
1047311	78.80	81.80	3.00		12-13
1047312	81.80	84.80	3.00		13-14
1047313	84.80	86.00	1.20		14
1047314	86.00	88.08	2.08		14
1047315	88.08	90.00	1.92		14-15
1047316	90.00	91.47	1.47		15
1047317	91.47	92.22	0.75		15
1047318	92.22	95.33	3.11		15-16
1047319	95.33	96.27	0.94		16
1047320	96.27	99.27	3.00		16-17
1047321	99.27	102.27	3.00		17-18
1047322	99.27	102.27	3.00	Duplicate	17-18
1047323	102.27	105.27	3.00		18
1047324	105.27	108.27	3.00		18-19
1047325	108.27	111.27	3.00		19-20
1047326	111.27	114.27	3.00		20
1047327	114.27	117.27	3.00		20-21
1047328	117.27	120.27	3.00		21-22
1047329	120.27	123.27	3.00		22
1047330	123.27	126.27	3.00		22-23
1047331	126.27	129.27	3.00		23-24
1047332				Blank	
1047333	129.27	132.27	3.00		24
1047334	132.27	135.12	2.85		24-25
1047335	135.12	138.12	3.00		25-26
1047336	138.12	141.17	3.05		26
1047337	141.17	143.17	2.00		26-27
1047338	143.17	143.76	0.59		27
1047339	143.76	146.87	3.11		27-28
1047340	146.87	148.10	1.23		28
1047341	148.10	149.95	1.85		28
1047342	149.95	152.00	2.05		28-29
1047343	152.00	153.58	1.58		29
1047344	153.58	156.44	2.86		29-30
1047345				Std FCM-7	
1047346	156.44	159.00	2.56		30
1047347	159.00	161.01	2.01		30-31
1047348	161.01	164.01	3.00		31-32
1047349	164.01	167.01	3.00		32

Hole ID: 11-PC-122		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047350	167.01	170.01	3.00		32-33
1047351	170.01	172.21	2.20		33
1047352	172.21	174.01	1.80		33-34
1047353	174.01	177.01	3.00		34
1047354	177.01	180.01	3.00		34-35
1047355	180.01	183.01	3.00		35-36
1047356	183.01	186.01	3.00		36
1047357	186.01	189.01	3.00		36-37
1047358	189.01	192.01	3.00		37-38
1047359	192.01	195.01	3.00		38
1047360	195.01	198.01	3.00		38-39
1047361	195.01	198.01	3.00	Duplicate	38-39
1047362	198.01	199.64	1.63		39
1047363	199.64	200.77	1.13		39-40
1047364	200.77	203.30	2.53		40
1047365	203.30	206.35	3.05		40-41
1047366	206.35	208.35	2.00		41
1047367	208.35	211.35	3.00		41-42
1047368	211.35	214.35	3.00		42-43
1047369	214.35	217.35	3.00		43
1047370	217.35	220.00	2.65		43-44
1047371	220.00	221.59	1.59		44
1047372	221.59	224.59	3.00		44-45
1047373	224.59	226.70	2.11		45-46
1047374	226.70	228.35	1.65		46
1047375	228.35	231.35	3.00		46-47
1047376	231.35	234.35	3.00		47
1047377				Blank	
1047378	234.35	237.35	3.00		47-48
1047379	237.35	240.35	3.00		48-49
1047380	240.35	243.35	3.00		49
1047381	243.35	246.35	3.00		49-50
1047382	246.35	248.00	1.65		50
1047383	248.00	250.00	2.00		50-51
1047384	250.00	252.07	2.07		51
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-123	Easting (NAD 83): 632433	Core Size: NQ	DDH Started: Nov. 2, 2011
	Northing (NAD 83): 5987059	Hole Azimuth: 170	DDH Finished: Nov. 4, 2011
Property: Poplar Deposit	Elevation: 906 m	Hole Angle: -50	Log Completed: Nov. 7, 2011
	Source: GPS	Total Depth: 261.21 m	Analysis by: ACME

Logged by: JW
Geotechnician: JW, Virginia
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	170.0	-50.0
96.66	172.5	-51.8
203.35	177.3	-50.5
261.21	177.7	-50.4

<p>Summary:</p> <p>11-PC-123 primarily consists of Porphyritic Quartz Monzonite with alternating levels of biotite and feldspar phenos. At 202m a fault intrudes into the monzonite with an Intermediate? Feldspar? Porphyritic Dyke? following the fault.</p> <p>The BFPQM consists of 10 % biotite phenos with dark grey groundmass. Fs phenos faint. Where feldspar is dominant, core has a salt and pepper look with 5% biotite, 40% feldspar. Strong silica alteration observed with intervals of moderate potassic and propylitic alterations. Fs dominantly clay altered with moderate sausseritization where propylitic alt is strong. 5-10% Py throughout, disseminated and coating fracture surfaces.</p> <p>0.2-0.4% Cpy with a higher content in biotite/silica alterations, blebby on black magnetic veins with Py, Hm. Trace Sph and Moly on local quartz/dolomite veins. 10% of unit consists of stockwork black sooty veins, and local quartz/dolomite veins.</p> <p>202-221m a Fault and an Intermediate? Feldspar? Porphyritic? Dyke intrude displacing the monzonite. Strong propylitic alteration affecting both units with green gouge infill, sausseritization.</p> <p>The purpose of 11-PC-123 was to close the 0.10g/t gold grade shell on the northeast boundary. The hole should collar in <0.10% Cu and assist in defining the orientation of the East Zone’s post mineral features. Assay results will show if the target of the hole has been met.</p>
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Lions Gate Metals

Hole ID: 11-PC-123			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	15.24	Ovb							
15.24	18.55	BF Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite	15.24	18.55	5-10	0.2-0.4		Py is diss and coating fracture surfaces
			Fine grained, dark grey groundmass with 10% biotite 2-5mm sub-euhedral						Cpy is abundant, disseminated and observed
			phenocrysts. Fs phenos very faint with strong propylitic alt. - 90%						around biotite phenocrysts
			sausserite altered (green) Entire unit is broken with no pieces >10cm.						
			5-10% Py, diss and coating entire fracture surfaces. 0.2-0.4% Cpy						
			disseminated.						
18.55	29.03	FB Qtz Mnz	Feldspar Biotite Porphyritic Quartz Monzonite	18.55	29.03	5	0.1		Py is abundant, disseminated and assoc. with
			Salt and pepper look to the core, fine grained, groundmass is light-medium						veining. Appears in centre of vuggy local calcite
			grey with 40% 2-10mm fs phenos, 5% biotite phenos						veins. Also coating fracture surfaces
			24.50-24.95m intrusion of above unit with Cpy observed						0.1% Cpy, not as abundant as in above unit but
			Fs phenos dominantly clay altered with weak phyllic alt. Weak						visible. Disseminated with biotite, Py
			potassic alt visible with pink hue on core - also possibly hm staining?						
			however red specks are visible in centre of fs phenos.						
			Stockwork veining (white 2mm) with local quartz veins.						
			5% Py diss, veins, 0.1% Cpy diss.						
29.03	33.00	BF Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite	29.03	33	10	0.2-0.4		Py is diss and coating fracture surfaces
			Same as described in first unit. 10% Py diss, coating fracture surfaces,						Cpy is abundant, disseminated and observed
			0.2-0.4% Cpy diss, usually with strong biotite alteration. Weak propylitic alt						around biotite phenocrysts
			overlying biotite.						
33.00	39.20	FB Qtz Mnz	Feldspar Biotite Porphyritic Quartz Monzonite	33	39.20	5	tr		Trace Cpy diss, 5% Py diss, coating fracture
			Same as described in second unit. Small intrusions of BFQM, trace-0.1%						surfaces
			Cpy, 5% Py disseminated. Strongly broken through entire unit. Weak						
			phyllic alt observed in 1-2% fs phenos.						
39.20	45.00	BF Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite	39.20	45	5-7	tr		Py is diss and coating fracture surfaces,
			Same as described in first unit. Strongly broken to 43.86m, 2cm gouge with Py						Large amt of Py mineralization in gouge @ 43.86m
			infill before becoming competent. 5-7% diss Py and coating fracture surfaces						Trace Cpy disseminated with biotite alt

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
15.24	18.55			s	vs		Very strong silica alt, groundmass is dark smokey grey, very hard. Strong secondary biotite alt, 2-5mm phenocrysts. Cpy associated	15.24	18.55	bk		s	Entire unit is broken
18.55	29.03	m	w	m	m	w	Arg alt dominant, with moderate secondary biotite alt as 2-5mm euhedral phenos. Weak potassic alt, with pink hue on ground mass and fs phenos with pink stain in centre could be hm? Very weak propylitic alt in some intervals with groundmass a grey/green, sausserite. Silica alt is not as dominant as in above unit.	18.74		jn	40	w	Light grey 5mm gouge infill
								20.58	20.61	ft	55	s	Vuggy, semi-consolidated infill between joints
								21.65		vn	65	s	Qtz vein with black margins, Py in core of vein with possible Tetra? -<1mm black metallic crystals.
								22.62	22.65	vn	55		Qtz vein with Py diss
								24.50	24.95	int		s	Intrusion of above unit
								25.43	25.47		50	s	Black sooty stockwork veining, with diss Py, ksp? alt fs phenos
								28.90		vn	50	s	Vuggy calcite vein with Py, Cpy
29.03	33			s	vs		Very strong silica alt, groundmass is dark smokey grey, very hard. Strong secondary biotite alt, 2-5mm phenocrysts Cpy associated	30.75		vn		s	Undulating veinlets with Hm, Py, Cpy, Biotite
								29.03	33	bk		s	Entire unit is strongly broken
33	39.20	m	w	m	m	w	Arg alt dominant, with moderate secondary biotite alt as 1-2mm euhedral phenos. Weak potassic alt, with pink hue on ground mass and fs phenos with pink stain in centre could be hm? Very weak propylitic alt in some intervals with groundmass a grey/green, sausserite. Silica alt is not as dominant as in above unit. Weak sericite altering of fs phenos	33	39.20	bk		s	Entire unit is broken
39.20	45			s	vs		Very weak propylitic alt, fs phenos dominantly clay altered. Very strong secondary biotite alt , 2-5mm phenos,	39.20	43.86	bk		s	Strongly broken
								43.86	43.88	ft			Gouge with 2-5mm Py crystals
								44.50	45	vn		2	Stockwork sericite veinlets

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Hole ID: 11-PC-123			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Tr-0.1% Cpy assoc. with biotite. Stockwork sericite veinlets make up 1% of unit						
			Intervals of weak propylitic alteration overlying the biotite						
45.00	63.44	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	45	63.44	4-5	0.1		4-5% Py diss, observed with qtz veins
			Fine grained, light-medium grey groundmass, depending on alteration.						0.1% Cpy diss, observed in strong potassic
			30% of unit are fs phenos 1-7mm subhedral. Moderate arg alt with weak phyllic						alteration with Py, Hm, biotite
			altering fs to cl, ser. Moderate to strong potassic alt with groundmass primarily	58.57					Very black veinlet wrapping around core with
			grey with a pink/brown overtone. 10% fs phenos alt to ksp? (pink).						Cpy (10mm long, 2mm wide) following vein
			154m a weak propylitic alt overlies the potassic with sausserite]						with Hm
			Very weak biotite alteration with 4cm areas throughout having 1-2mm						Trace Hm, with Cpy, biotite
			biotite phenos.	51.20					Trace sph? on qtz vein
			Stockwork veining is 20% of unit, randomly oriented. Predominantly						
			qtz (smokey grey, hard) with ser? (1mm white, soft) and gypsum veinlets						
			4-5% Py disseminated, assoc. with qtz veins. 0.1% Cpy disseminated,						
			dominantly in strong potassic alt with Py, Hm, biotite						
63.44	66.01	BF Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite						
			Dark grey/green groundmass due to very strong propylitic alteration.	63.44	66.01	1	tr	tr	1% Py disseminated, observed in qtz veins
			10% of unit is 2-5mm biotite phenos. 20% of unit is faint 2-7mm fs phenos with						Trace Cpy diss, associated with hm in
			weak arg alt, weak-moderate sausseritization.						bioitite alteration.
			Pervasive silica with potassic and propylitic. Very weak magnetism associated with						Tr-0.1% hm observed in biotite alteration
			biotite/hematite alt?						as 1mm red specks
			64.66-64.90m groundmass salmon pink overtone - either potassic alt or hm.						Tr Moly in black sooty stockwork veining (Py?) -
			Stockwork veining with dirty black veins (py?), qtz veins and 1mm white ser. veins.						black/blue metallic 1mm crystals
66.01	94.90	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	66.01	94.90	3	0.1	tr	Py is dominant sulphide, disseminated and in
			Fine grained, grey/green groundmass, strong pervasive propylitic						core of qtz veins.
			alteration affecting entire unit with 90% fs phenos sausseritized.						0.1% Cpy in qtz/dolomite veins following
			Weak potassic alt in patches with weak biotite alteration @ 89.23-90.45m						margins with Py>Hm>Sph. Also diss with hm
			15-20% of unit consists of stockwork veining - qtz/dolomite, qtz,						in strong propylitic alteration
			sooty black veins (30-70tca)						Tr Sph, tr Moly usually along margins of qtz/dolo
			Local dolomite/qtz veins - creamy pink colour, very hard and deformed						veins. Sph 1-2mm round crystals, cream/black
			with Hm, Py>Cpy>Moly>Sph visible along the margins						in colour.
			Qtz veins with remobilized Py follow core-axis in select areas with Cpy, Sph	76.27			0.1		Cpy visible on fracture surfaces 0.1%?
			Faulting throughout with entire sections of whole rock as	68.60					Cpy, hm visible in fault
			semi-consolidated gouge, rubble, Py. Core is vuggy through the faults,						

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							shredded.						
45	63.44	m	w	w	m	s	Strong potassic alt throughout with	45	63.44	vn	35-75	s	Local gypsum veins 10mm, varying from 35-75tca
							med grey groundmass with pink/brown			vn	30-60	s	Local qtz veins 30-60ta, smokey grey, hard with
							overtone. Weak propylitic alteration						Py in core/margins.
							appearing at 54m with sausserite.					2	Stockwork veining throughout with qtz, sericite
							Fs phenos altered by moderate arg alt with						as dominant veins.
							weak phyllic (ser). Silica is stronger where	52.38	52.55		55		<1mm black banding with Py overlying the pot
							there is strong pot alt						alt and fs phenos
								52.55	52.60	ft	70	w	Fault/jn infill of 5cm light grey semi-consolidated
													gouge, rubble
								62.35	62.40	ft	40	w	Fault/jn infill of 5cm light grey semi-consolidated
													gouge, rubble
								62.40	62.85	ft		w	vuggy core, moderate microdefects, soft black
													veins (py?, gouge?) throughout
63.44	64.90	w	w	vs	vs		Pervasive silica/propylitic alteration with	64.66	66.01	vn	25-55	2	Black sooty stockwork veining throughout (Py?)
							vs biotite alteration. 10% bioitite as 2-5mm						Local and stockwork qtz and sericite veins 25-55
							phenos. Hm, Cpy associated with the bioite						tca. Remobilized Py in qtz vein
							phenos. Fs phenos sausseritized, weak						
							alteration with clay, ser.						
66.01	94.90	w	w	w	s	w	Pervasive silica/propylitic alteration	66.02	94.90	vn	30-70		Stockwork veining - qtz/dolomite, qtz/Py, black
							with groundmass a grey/green colour and						sooty veins (py?)
							90% fs phenos sausseritized. Propylitic	68.40	72.24	ft		w	Faulted zone, core is vuggy, with semi-consolidated
							alt seen in faulted areas as grey/green						to consolidated light grey/green gouge, rubble.
							gouge.						jn infill with 1-3mm cl, gouge.
84.87	87					w	Pink overtone on groundmass - either						68.70-68.80m soft gouge, cl zone with rock
							potassic or hm.						fragments
89.23	90.45			m			Biotite alteration is stronger with 1-2mm						70.40m 20tca fracture along black soft 'vein'
							biotite phenos appearing over propylitic						with soft crumbly gouge, rubble following. 72.20-
							alt.						72.24m cl, mud, gouge infill - soft, medium grey
								72.24	72.60	vn		s	qtz/dolomite vein - creamy pink/orange with

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													Py>Cpy>Moly>Sph associated - follows core-axis
								73	73.15	vn			Same as above vein
								76.40		vn	45	s	Qtz vein 10mm
								80.15		vn	50	s	Py vein 15mm
								80.59		vn	30		Same as above qtz/dolomite veins
								84.56		jn	50		Jn infill with 1-3mm cl, gouge.
								87	89.02	ft			Faulted zone, core is vuggy, with semi-consolidated
													to consolidated light grey/green gouge, rubble.
													88.36-89.02m 30tca fracture with soft
													gouge, rubble alternating between light grey to
													black banding.
								90.45		jn	60		Jn infill with 1-3mm cl, gouge - grey/black
								90.67	90.69	jn	75		2cm joint infill grey/green gouge
								90.45	94.90	ft		w	Same as described in above fault zones
													94.03-94.58m pitted soft gouge/rubble
													light grey to dark grey towards lower contact 30tca
													jn, black round soft blobs throughout fault,
													major deformation, moderate microdefects
94.90	118.90	w	w	vs	vs		Very strong, pervasive secondary biotite	94.90	98.90	vn	30-70		Local gypsum (pink, white) veins ranging between
							alteration with strong overlying propylitic						30-70tca. Chilled margins black (Py?) with Py
							alteration causing groundmass to become						veinlets on either side. Cpy associated with them
							grey/green colour. Fs phenos are indistinct						Stockwork black sooty veins throughout
							and altered by sausseritization. Silica						local <1mm black veinlets with hematite, cpy, py
							alt is pervasive with the biotite.						20-50tca
102.30	103.18						Fs phenos indistinct with weaker propylitic						Local sericite veinlets 1-2mm 30--50tca
106.72	108.62						alteration and a weak potassic alt,	100.06	100.12	ft	30		Pink quartz vein with black soft banding leading
							groundmass patchy pink/brown						into a fracture with black/grey gouge
								100.81	100.93		50		Local 2mm calcite veining cutting through
													Vuggy consolidated core - gouge/rubble
								106.20			25		Pink quartz vein with black chilled margins, Cpy,
													hm observed along vein
								107.54	107.92	vn	70		Py banding with 4cm quartz vein, Cpy assoc
								100.81	100.93		50		local 2mm calcite veining cutting through
													vuggy consolidated core - gouge/rubble
								106.20			25		pink quartz vein with black chilled margins, cpy,
													hematite observed along vein

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Hole ID: 11-PC-123			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
118.90	129.42	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	118.90	129.42	2	tr-0.1		2% Py disseminated, assoc with gypsum veins,
			Same as described in above VAFPQM units. Pervasive propylitic						veinlets and visible in gouge
			alteration with fs phenos alternating between 2-5mm subhedral to						Trace Cpy, disseminated in fault zones, assoc.
			faint and indistinct. Groundmass is light grey/green. 126-129m fs phenos						with qtz/dolomite veins, along margins
			more prominent with a moderate secondary biotite alteration. 2-5mm						Trace Sph 1-2mm.
			anhedral biotite phenos.						
			122.02-125.05m faulting is evident with vuggy, pitted core						
			Light grey gouge with altered unit visible as 5-8mm clasts. There are						
			semi-consolidated 10cm sections of soft gouge with clasts,light grey-black banding.						
			Local gypsum veins 30-40tca with pink hue.						
			3 large qtz/dolomite veins, deformed with black (Py?) banding/veins on margins						
			and cutting across veins. Py, Sph, Cpy associated with these veins						
			Stockwork black sooty veins make up 1-2% of unit						
129.42	137.52	Qtz Mnz	Biotite Feldspar Porphyritic Quartz Monzonite	129.42	137.52	1	tr?		1-2% Py veinlets, disseminated
			Same as described in above BFQM units. Strong propylitic alteration,						Trace hematite, often with magnetic veining
			strong secondary biotite alteration with 2-5mm an-subhedral. 10-15%						and in secondary biotite alteration
			biotite phenos, 10% fs phenos altered to clay, chl? (sausseritized).						
			Groundmass dark grey/green. Weak-moderate magnetism in black veins						
			with Hm, Py, Cpy?						
137.52	202.31	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	137.52	202.31	5	tr-0.1		5% Py visible throughout unit. Disseminated
			Med grained, groundmass' primary colour being light grey. Propylitic and potassic						and in/around veining. Often replacing qtz,
			alternate throughout with groundmass changing to grey/pink-brown and						gypsum in core, coating fracture surfaces
			grey/green depending on alt. Fs phenos vary from faint/indistinct to						Trace-0.1% Cpy diss often associated
			5mm subhedral - dominantly sausseritized, fs phenos account for 50-60%						with biotite/hematite alteration. Also
			of unit. Propylitic alteration seems to be pervasive overlying the potassic,						visible along vein margins with Py.
			with a strong silica alt accompanying the propylitic.						Black(Py?) stringers with Hm, Cpy throughout 40tca
			Biotite is weak and usually associated with Hm, Cpy and occasionally	168.14	168.24				Magnetite is observed with
			magnetite. 184-190.17m groundmass becomes coarser-grained, white/light	181	181.22				hematite, cpy, appearing as stringers
			grey with carbonate.	185.22	185.42				
			10% of unit is veining, local qtz, gypsum, sericite veins with stockwork	140.70					Trace Sph assoc. with qtz/dolomite veins

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Seric	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								107.54	107.92	vn	70		Py banding with 4cm quartz vein, Cpy assoc
118.90	129.42	s		w	w		Pervasive propylitic alt with groundmass grey/green. Sausseritization visible in fs phenos. Moderate arg alt replacing fs to clay. Silica and biotite alterations are weak. Intervals of salt/pepper appearance and dark grey/green groundmass with indistinct fs phenos	121.15		vn	25		Gypsum vein - pink/orange colour with hematite, dark black banding (Py?), magnetite? Weakly magnetic. Trace Cpy?
								121.75	122.02	vn			Qtz/dolomite vein running along core-axis, deformed with black banding around margins and cutting into vein. Py, Sph, Cpy visible in/around vein - Cpy seen as blebs 2-4mm round
								122.02	125.05	ft			2cm infill running along core axis filled with white/grey gouge, rock fragments 122-123m
													124.50-124.70 soft white/grey gouge with rock fragments intersected by dark grey gouge (banding?)
								125.05	125.25	vn			qtz/dolomite vein running along core-axis, deformed with black banding around margins and cutting into vein. Py, Sph, Cpy visible in/around vein. Sph visible around entire vein
								118.90	129.42	vn		2	2-3mm sericite veins throughout 25tca stockwork black sooty veins (py?)
129.42	137.52	w		s	s		Strong silica/propylitic alteration with strong secondary biotite alteration.	134.20		vn	15		Magnetic black veining with hematite, Py
							Groundmass grey/green, 80% fs phenos sausseritized	134.47		vn	55		Magnetic black veining with hematite, Py
137.52	202.31	w	w-m	w	vs	w	Pervasive propylitic/silica alt with intervals of weak-moderate potassic. Fs phenos dominantly sausseritized ranging from light mint green to dark sea green. Groundmass is a dark grey/green where propylitic is present. Weak-moderate potassic alt with fs phenos altering to ksp and turning pink - groundmass ranges from grey/pink to pink/brown. Tortoise shell looking at 197 with patches of brown and black in black stockwork veining	140.70		vn	30		Qtz/dolomite vein, vuggy, deformed with black veins/ banding around margins. Sph observed replacing? the qtz/dolomite
								142.20		vn	30		Qtz vein with black banding around margins Hematite, Cpy, Py observed in the vein
								144.10	144.50	vn			Pink gypsum vein with stepped margins consisting of cream/black (qtz/dolomite?) substance
								156.30	156.34		40		Brown/black banding? Vein? Biotite? with Py, Cpy
								163.38		vn	60		Sericite? White vein cutting across core-axis causing qtz vein to be displaced by 1cm
								164.50		jn	30		Faulted/jn, vw, crumbly with slickensides - gypsum?

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Hole ID: 11-PC-123			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To			From	To	Py	Cpy	Mo	
202.31	205.92	Fault	Fault	202.31	205.92	0.5-1		tr	Py visible on consolidated pieces of core, clasts
			Medium grained, light grey/green groundmass with intervals of gouge and whole rock. 202.31- 202.44m pale green gouge with clasts.	205.07					Trace Moly visible on qtz? Black patches and along veins
			Contacts 35 and 40tca are sharp						
			202.54m a 6cm diameter round pale green gouge with 5-10mm clasts embedded in the gouge. 203-203.03m, 203.30-203.56m, 204.95m gouge, rubble zones. Entire unit is vuggy, semi-consolidated with large 10-30mm subrounded clasts - orange, light brown, grey (qtz?), gouge infill on all fracture surfaces.						
			0.5-1% Py diss on whole rock. Trace Moly visible in black patches on whole rock						
			qtz? Biotite? Weak-moderate propylitic alteration with sausseritization visible - 2mm emerald green phenos.						
205.92	221.70	RDDK?	Intermediate? Feldspar? Porphyritic? Dyke	215.82	216.12	0.1			Intevals of altered quartz monzonite? With diss
			Fine-medium grained, groundmass 50% bleached. Intervals of maroon, dark grey, bleached - cream/orange, grey/green. Weak-moderate foliation 45tca. Faulting in localized areas with vuggy sections. Heavy microdefects in places (205.92-206.35m).	216.78	217.12				Py, Hm
			207.18-207.39m intrusion, fine grained, light orange, with 2-3mm subrounded phenos - qtz? Fs? alt to clay - appears to also intrude a clay like rock? Intrusion? that's bleached looking with qtz, fs phenos - possible same rock just bleached						
			207.39-208.44m, intrusion? of grey/green matrix with 10-30mm orange clasts. Strong propylitic alteration with sausseritization. Fs phenos are 3-7mm subhedral, also altered to clay. 207.90m fault? with gouge, rubble.						
			208.44-221.70m fg, weak foliation 45tca, intervals of maroon, grey, bleached groundmass. Microscopic to 7mm fs phenos sausseritized and altered to ser, cl. Intervals of faulting with heavy microdefects, pitting, gouge, cl infill.						
			215.82-216.12m, 216.78-217.12m, dark grey groundmass, altered quartz monzonite? with mineralization (trace-0.1% Py)						
221.70	261.21	FB Qtz Mnz	Feldspar Biotite Porphyritic Quartz Monzonite	221.70	261.21	5	0.1		5% Py disseminated, qtz veins, stingers
			Fine grained, light-medium grey groundmass. 30% fs phenos, 2-7mm subhedral 5% biotite, 2-5mm round black phenos. Fs phenos dominantly clay altered						Trace-0.1% disseminated Cpy. Predominantly with biotite, hematite alteration.
			Weak-moderate potassic alteration throughout with groundmass appearing light brown in places. Very similar to unit @ 18.55-29.03m.	247.78				tr	Trace Moly observed in qtz/carb vein
			Local quartz, calcite veins, stockwork black sooty veins (py?), white (ser?) veins.	249.06	251.70				Moderately magnetic (magnetite?) very black patchy, with Hematite, Py, Cpy.
			Core is vuggy throughout with jn infill of gouge, cl. Faulting @ 236.10-236.20m,	260	261.21				Strong biotite alt. with Cpy throughout and on

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Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							Often magnetic, with Hematite, Cpy, Py associated	223.16		jn	50		1mm infill, vuggy 5cm after joint.
								227.65	227.69	jn	35, 25		Jns with 1-2mm dark grey gouge, cl infill
								227.35		jn	65		15mm joint infill carbonate, cl, rubble
								227.69	227.79	ft		w	Semi-consolidated gouge, vuggy, gouge, rubble
								230	239			w	Vuggy throughout, 10-15% Jns have gouge, cl infill
													moderate microdefects
													233m weathered/vuggy,
													234.21-234.25m broken, with cl
													236.10-236.20m semi-consolidated gouge, rubble,
													Vuggy
								247.78	248.02	ft			Qtz/carbonate vein with Moly and 20mm infill
													of gouge, rubble along core axis
								221.70	261.21	vn	35-70	4	Local calcite veins, vuggy, Cpy assoc. @ 250.30m

Hole ID: 11-PC-123		Geotechnical Dat:						
From	To	Length	Recovery	%	RQD	%	Comments	
15.24	17.37	2.13	2.00	94	0.00	0	JW tech	
17.37	20.42	3.05	2.92	96	1.21	40		
20.42	23.47	3.05	3.06	100	2.30	75		
23.47	26.52	3.05	3.00	98	1.25	41		
26.52	29.57	3.05	2.88	94	0.72	24		
29.57	32.61	3.04	2.50	82	0.36	12		
32.61	35.66	3.05	3.05	100	0.35	11		
35.66	38.71	3.05	2.90	95	0.13	4		
38.71	41.76	3.05	3.00	98	0.24	8		
41.76	44.81	3.05	2.80	92	0.40	13		
44.81	47.85	3.04	3.14	103	2.51	83		
47.85	50.90	3.05	3.06	100	2.94	96		
50.90	53.95	3.05	2.98	98	2.88	94		
53.95	57.00	3.05	3.07	101	2.81	92		
57.00	60.05	3.05	3.01	99	3.01	99	Virginia tech	
60.05	63.09	3.04	3.01	99	2.74	90		
63.09	66.14	3.05	3.18	104	2.93	96		
66.14	69.19	3.05	2.88	94	2.55	84		
69.19	72.24	3.05	3.00	98	2.34	77		
72.24	75.29	3.05	2.93	96	2.82	92		
75.29	78.33	3.04	3.05	100	2.96	97		
78.33	81.38	3.05	3.01	99	3.01	99		
81.38	84.43	3.05	3.01	99	2.92	96		
84.43	87.48	3.05	3.13	103	3.13	103		
87.48	90.53	3.05	3.02	99	2.70	89		
90.53	93.57	3.04	2.98	98	2.30	76		
93.57	96.62	3.05	3.05	100	2.65	87		
96.62	99.67	3.05	3.10	102	3.10	102		
99.67	102.72	3.05	3.04	100	2.72	89		
102.72	105.77	3.05	3.06	100	3.02	99		
105.77	108.81	3.04	3.03	100	3.03	100		
108.81	111.86	3.05	3.04	100	3.04	100		
111.86	114.91	3.05	3.05	100	3.05	100		
114.91	117.96	3.05	3.06	100	3.06	100		
117.96	121.01	3.05	3.06	100	3.06	100		
121.01	124.05	3.04	3.04	100	3.04	100		
124.05	127.10	3.05	3.07	101	2.86	94		
127.10	130.15	3.05	3.06	100	3.06	100		
130.15	133.20	3.05	3.03	99	2.97	97		
133.20	136.25	3.05	2.99	98	2.82	92		
136.25	139.29	3.04	3.07	101	2.90	95		
139.29	142.34	3.05	3.08	101	3.08	101		
142.34	145.39	3.05	3.06	100	3.06	100		
145.39	148.44	3.05	3.07	101	2.93	96		
148.44	151.49	3.05	3.04	100	3.04	100		
151.49	154.53	3.04	3.02	99	2.94	97		
154.53	157.58	3.05	3.01	99	2.77	91		
157.58	160.63	3.05	3.07	101	3.07	101		
160.63	163.68	3.05	3.03	99	3.03	99		
163.68	166.73	3.05	3.03	99	3.03	99		
166.73	169.77	3.04	3.08	101	3.08	101		
169.77	172.82	3.05	2.98	98	2.93	96	JW tech	
172.82	175.87	3.05	3.13	103	3.00	98		
175.87	178.92	3.05	3.04	100	2.96	97		
178.92	181.97	3.05	2.94	96	2.85	93		
181.97	185.01	3.04	3.06	101	2.83	93		
185.01	188.06	3.05	3.05	100	2.89	95		
188.06	191.11	3.05	3.03	99	2.96	97		
191.11	194.16	3.05	3.04	100	2.92	96		
194.16	197.21	3.05	2.97	97	2.82	92		

Hole ID: 11-PC-123		Geotechnical Dat:						
From	To	Length	Recovery	%	RQD	%	Comments	
197.21	200.25	3.04	3.09	102	2.33	77		
200.25	203.30	3.05	2.99	98	2.47	81		
203.30	206.35	3.05	2.40	79	2.30	75		
206.35	209.40	3.05	3.05	100	2.60	85		
209.40	212.45	3.05	3.04	100	2.80	92		
212.45	215.49	3.04	3.09	102	2.53	83		
215.49	218.54	3.05	3.02	99	2.89	95		
218.54	221.59	3.05	2.94	96	2.61	86		
221.59	224.64	3.05	2.98	98	2.32	76		
224.64	227.69	3.05	2.90	95	2.05	67		
227.69	230.73	3.04	3.05	100	2.88	95		
230.73	233.78	3.05	3.07	101	2.66	87		
233.78	236.83	3.05	2.82	92	1.87	61		
236.83	239.88	3.05	3.03	99	2.64	87		
239.88	242.93	3.05	3.04	100	2.97	97		
242.93	245.97	3.04	3.00	99	2.65	87		
245.97	249.02	3.05	3.04	100	3.01	99		
249.02	252.07	3.05	3.05	100	2.74	90		
252.07	255.12	3.05	3.06	100	2.69	88		
255.12	258.17	3.05	3.07	101	2.91	95		
258.17	261.21	3.04	3.00	99	2.74	90	EOH	

Hole ID: 11-PC-123		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047385	15.24	17.00	1.76		1
1047386	17.00	18.55	1.55		1
1047387	18.55	21.55	3.00		1-2
1047388	21.55	24.50	2.95		2-3
1047389	24.50	27.50	3.00		3-4
1047390	27.50	29.03	1.53		4
1047391	29.03	31.00	1.97		4
1047392	31.00	33.00	2.00		4-5
1047393	33.00	36.00	3.00		5-6
1047394				Std FCM-7	
1047395	36.00	39.20	39.20		6-7
1047396	39.20	42.00	6.00		7-8
1047397	42.00	45.00	5.80		8-9
1047398	45.00	48.00	6.00		9
1047399	48.00	51.00	6.00		9-10
1047400	51.00	54.00	6.00		10-11
1047401	54.00	57.00	6.00		11
1047402	57.00	60.00	6.00		11-12
1047403	60.00	62.00	5.00		12
1047404	62.00	63.44	3.44		12-13
1047405	63.44	66.01	2.57		13
1047406	66.01	69.01	3.00		13-14
1047407	69.01	72.01	3.00		14-15
1047408	72.01	75.01	3.00		15
1047409	75.01	78.01	3.00		15-16
1047410	78.01	81.01	3.00		16-17
1047411	81.01	84.01	3.00		17
1047412	84.01	87.01	3.00		17-18
1047413	87.01	90.01	0.00		18-19
1047414	90.01	93.01	3.00		19
1047415	93.01	94.90	1.89		19-20
1047416				Blank	
1047417	94.90	97.90	3.00		20
1047418	97.90	100.90	3.00		20-21
1047419	100.90	103.90	3.00		21-22
1047420	103.90	106.90	3.00		22
1047421	106.90	109.90	3.00		22-23
1047422	109.90	112.90	3.00		23-24
1047423	112.90	115.90	3.00		24-25
1047424	115.90	118.90	3.00		
1047425	118.90	122.02	3.12		25-26
1047426	122.02	125.02	3.00		26
1047427	125.02	128.02	3.00		26-27
1047428	128.02	129.42	1.40		27
1047429	128.02	129.42	1.40	Duplicate	27
1047430	129.42	132.42	3.00		27-28
1047431	132.42	135.42	3.00		28-29
1047432	135.42	137.52	2.10		29
1047433	137.52	140.52	3.00		29-30
1047434	140.52	143.52	3.00		30
1047435	143.52	146.52	3.00		30-31
1047436	146.52	149.52	3.00		31-32
1047437	149.52	152.52	3.00		32
1047438	152.52	155.52	3.00		33
1047439	155.52	158.52	3.00		33-34
1047440	158.52	161.52	3.00		34
1047441	161.52	164.52	3.00		34-35
1047442	164.52	167.52	3.00		35-36

Hole ID: 11-PC-123		Sample Data			
Sample	Interval (m)		Sample	Type	Box
Number	From	To	Length	Std/B/Dup	#
1047443	167.52	170.52	3.00		36
1047444	170.52	173.52	3.00		36-37
1047445	173.52	176.52	3.00		37-38
1047446				Std FCM-7	
1047447	176.52	179.52	3.00		38
1047448	179.52	182.52	3.00		38-39
1047449	182.52	185.52	3.00		39-40
1047450	185.52	188.52	3.00		40
1047451	188.52	190.22	1.70		40-41
1047452	190.22	191.43	1.21		41
1047453	191.43	194.43	3.00		41-42
1047454	194.43	196.30	1.87		42
1047455	196.30	197.69	1.39		42
1047456	197.69	199.37	1.68		42-43
1047457	199.37	202.31	2.94		43-44
1047458	202.31	205.92	3.61		44
1047459	205.92	207.39	1.47		44-45
1047460				Blank	
1047461	207.39	208.44	1.05		45
1047462	208.44	211.44	3.00		45-46
1047463	211.45	214.44	2.99		46
1047464	214.44	217.44	3.00		46-47
1047465	217.44	219.83	2.39		47-48
1047466	219.83	221.70	1.87		48
1047467	221.70	224.70	3.00		48-49
1047468	224.70	227.70	3.00		49
1047469	227.70	230.70	3.00		49-50
1047470	230.70	233.70	3.00		50-51
1047471	233.70	236.70	3.00		51
1047472	236.70	239.70	3.00		51-52
1047473	239.70	242.70	3.00		52-53
1047474	239.70	242.70	3.00	Duplicate	52-53
1047475	242.70	245.70	3.00		53
1047476	245.70	248.70	3.00		53-54
1047477	248.70	251.70	3.00		54-55
1047478	251.70	254.70	3.00		55
1047479	254.70	257.70	3.00		55-56
1047480	257.70	260.00	2.30		56-57
1047481	260.00	261.21	1.21		57
EOH					

2011 Poplar Drilling

Hole ID: 11-PC-124	Easting (NAD 83): 632528	Core Size: NQ	DDH Started: Nov. 5, 2011
	Northing (NAD 83): 5986970	Hole Azimuth: 180	DDH Finished: Nov. 11, 2011
Property: Poplar Deposit	Elevation: 912	Hole Angle: -67	Log Completed: Nov. 14, 2011
	Source: GPS	Total Depth: 599.54m	Analysis by: ACME

Logged by: JW
Geotechnician: JW
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-67.0
99.70	178.1	-67.1
200.34	179.4	-66.7
300.91	180.9	-66.5
404.57	181.0	-65.8
502.13	183.3	-65.1
599.69	184.1	-64.7

<p>Summary:</p> <p>11-PC-124 consisted of a Variably Altered Feldspar Porphyritic Quartz Monzonite and a variety of dykes, ranging from Quartzeye Rhyolite, Biotite? Feldspar? Porphyritic, and a Volcanic.</p> <p>VAFPQM had alternating intervals of strong potassic and propylitic alterations, often with the propylitic overlying the potassic. Intervals of pervasive silica alteration often causing feldspar to become faint/iindistinct. When visible, phyllic alt was dominant, along with moderate sausseritization. 7-10% Py disseminated, veins with trace Moly, trace Sph visible on margins of local quartz veins. Trace-0.5% disseminated Cpy from top of hole to 500m when it increases to 1-2?% in the Volcanic? Dykes. Often associated with Py in veins.</p> <p>The Volcanic? Units dominated the last 100m of the hole with a very fine grained, tortoise shell appearance with brown groundmass and black biotite patches. Purple fluorescent patches (fluorite?) were visible throughout. Cpy was observed as blobs, veins, along black magnetic veinlets with Py, Hm. 20% of unit consisted of white sericitic stockwork veining. Weak to no bedding throughout unit</p> <p>The purpose of 11-PC-124 was to test an insight anomaly and a potential country rock boundary. Furthermore, infill drilling around the East Zone’s higher grade silver and copper will test the southeast’s 0.1% Grade shell boundary.</p> <p>1047537 tag ripped off box, lost in snow. 1047608 replaced missing tag.</p>

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
0.00	9.14	OVB							
9.14	49.42	Rhyo Dyke	Quartzeye Rhyolite Dyke	9.14	49.42	0.1			Py diss in dark sea green fault zone. Associated
			9.14-37.33m fine grained, pale green (bleached?) groundmass with purple						with 10mm black clasts?
			patchy intervals. 5-7% quartz phenos 2-5mm, subrounded. 20% of unit are fs phenos,						
			sausseritized, also altered by weak arg. and weak seritization? 2-5mm sub-euhedral						
			2-3% stockwork veinlets - black stain spreading onto groundmass around the veins.						
			Red/purple "spider veins" @ 127.10m (hm?) Moderately broken with rubble						
			zones (8-42cm) throughout. Stained (red, black) fracture surfaces, infill on 5% of						
			fractures (1-5mm cl, gouge). 30.68-30.78m 40tca soft, gouge, stained red						
			towards lower contact, with pieces of rubble embedded. Core is vuggy						
			throughout, moderate microdefects						
			37.33-43.65m fine grained with light orange/brown groundmass.						
			10% quartz phenos 2-5mm, subrounded. Moderate arg alt with a weaker						
			phyllitic alt replacing fs phenos, 2-10mm anhedral. Weak sausseritization present.						
			39.02-39.34m dark grey/green groundmass, vuggy with gouge infill leading into						
			a fault?/core-axis (39.34-40.05m) infilled with gouge, cl, rubble. 39.34m groundmass						
			is dark sea green with sausserite? (3mm emerald green phenos) Weak, vuggy with						
			soft gouge/cl, rubble, stained black/dark green, bleached towards lower contact						
			15-20tca. 41.76-41.82m same dark sea green groundmass with consolidated						
			gouge? with 10mm black clasts? and Py. Contact 50tca sharp.						
			40.05-41.50m heavy microdefects, pitted. Tiny white (ser?) stockwork veins						
			throughout.						
			43-65-45.60m same as described in 9.14-37.33m. Faultlike throughout with						
			pitted, vuggy appearance. Consolidated jn infill of dark grey cl?, gouge? 50tca						
			@ upper contact. 45.60-49.42m same as described in 37.33-43.65m,						
			strongly broken, fault? with dark red/purple staining? White powder coating						
			fracture surfaces (ser?, arg?) 47.72-47.85m 15tca contact with soft gouge,						
			rubble embedded.						
49.42	60.95	Qtz Mnz	Fault? Altered Feldspar? Porphyritic? Quartz Monzonite?	49.42	53.20	4-5	tr	tr	4-5% Py disseminated. Observed in dark sea green
			49.42-50.05 strong propylitic alt. with dark sea green groundmass, 2-5mm						groundmass, along veins, in gouge.
			fs phenos sausseritized. 3mm black euhedral phenos observed with the						Hm is throughout as <1mm specks,
			fs. Olive green gouge infill on local jn surfaces 1-5mm.						banding/veins with black (Py?)
			50.05-50.90m intrusion? of quartzeye rhyolite, grey/green groundmass becoming	56.63	59.87				Trace-0.1?% Moly particularly with Hm,
			bleached consolidated gouge with rubble and turning into soft light green						Py in weak-moderate magnetic areas. Moly
			gouge @ 50.60m. Fs phenos visible with weak arg alt.						follows qtz veining with Py
			50.90-52.15m returns to first unit @ 49.42-50.05m. Strong propylitic alt,						black,red veins (Py, Hm?) with trace Moly

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
9.14	49.42	m	w		m		Moderate sausseritization visible, replacing fs phenos	9.14	49.42	bk		m	Core is strongly broken with rubble/broken zones
							Moderate arg alt with a weak phyllic alt replacing fs						throughout ranging from 8-42cm
							phenos to clay, sericite. Sausseritization stronger from					10	Stockwork veining - veins with black stain surrounding
							9.14-37.33m where argillic alt becomes more prominent						them (20-50tca), red/purple spider veins, small <1mm white
39.34	40.00						Possible propylitic alt? causing groundmass to turn						(ser?) veins
41.76	41.82						dark sea green, sausserite is observed.						Heavy microdefects throughout, particularly in
													fault? zones
								24.24		jn	65	w	10mm infill crumbly, cl, with rubble
								28		jn	25	w	10mm infill crumbly, cl, with rubble, black margins
								30.14		jn	37	w	10mm infill crumbly, cl, with rubble
								30.68	30.78	jn/ft?	40	w	Soft gouge with rubble embedded, stained red
													towards lower contact. Contacts sharp.
								39.02	40.05	ft	20		Dark sea green (propylitic alt? with Py, Hm?)
													groundmass leading into core-axis vn? Jn? Ft? with
													black margins with soft gouge,cl, rubble.
								40.05	41.50				Vuggy, pitted, heavy microdefects, soft gouge/cl
													intervals, groundmass light grey/grey
								41.76	41.82	ft?	50		Dark sea green (propylitic alt? with Py, Hm?)
								47.72	47.85	jn?	15		Soft gouge with rubble embedded
								47.85	49.42			w	Strongly broken, gouge infill on core-axis break
													@ 48.70-49m, heavy microdefects
								49.42		cn			stepped contact, cl, gouge? Infill
49.42	60.95	w	m	w	w		Strong propylitic alteration overriding original texture.	50.05	50.90	int		s	QERD intrusion? into unit. Becomes bleached 50.50m
							Sausseritization is present throughout, with groundmass						turning into soft green gouge with rubble embedded.
							a dark sea green. Gouge is altered to green colour due to						50.70-50.90 gouge/infill runs along core-axis
							alteration? Weak-moderate phyllic alt with seritization						Fs phenos dominantly alt to sericite.
							occurring.	52.57	53.20	ft		w	Upper contact stepped, 15tca, lower contact sharp
													30tca. Light green soft gouge with red (hm?) streak
													throughout. Host rock embedded as clasts
								54.17	54.73	brec		s	Brecciated QERD? Fine grained matrix with irregularly

Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													shaped clasts - black (hard), red (soft, hm?). Matrix
													tan (QERD?). Fs phenos visible, altered to ser.
								55.32	56.30	bk/ft		w	Broken/fault zone with gouge infill, heavy mirodefects
													vuggy.
								59.56	59.87	vn			Qtz vein with high concentrations of Hm, Py, Moly
													pitted, deformed
								49.42	60.95	vn		2	Local qtz/dolomite veins, black/red veinlets 25-40tca
													stockwork qtz/dolomite veins. Vuggy/pitted
													throughout with 30% faulted.
								60.95		cn	70		Lower contact sharp 70tca. Groundmass turns
													red/green/bleached before contact.
								60.77	60.95	ft	50	w	Sharp contact between host rock/gouge, pitted,
													heavy microdefects. Consolidated gouge with rubble
60.95	92.17	w	w		m		Weak sausseritization visible, replacing fs phenos	60.95	92.17	bk		w	Moderately broken throughout with intervals of
							Weak arg alt affecting fs phenos. Cl coating fracture surfaces						rubble/broken zones
							Pale green groundmass bleached? with purple original?					10	Stockwork veining - white veinlets <1mm with black
							colour						stain spreading around them onto groundmass - some
													have chilled black (Py?) margins - small <1mm metallic
													specks. Stockwork and local qtz veins 20-32tca
													Heavy microdefects throughout, very weak
								71.68	71.90	ft	15	W	Sharp contact, soft gouge with rubble embedded
								79.20		jn	20		jn infill 10mm soft gouge with thin black margins
								83.90		bk		W	jn infill 10mm soft gouge with thin black margins
								87.54		vn	35	S	Brecciated? Dirty white with fragments (clasts?) of
													host rock, 30mm long gypsum? Clast (translucent
													grey, striated, soft)
								88.97		jn			Closed jn with 10mm infill, soft dirty white gouge, cl
								89.38		jn			brecciated? 60, 50 tca contacts

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
92.17	117	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	92.17	117	7	tr-0.1	tr	Py disseminated, along qtz veins, patchy (massive)
			Fine grained, light grey groundmass alternating to grey/green, pink/brown						in areas with hm, Cpy in strong silica alt.
			depending on the alteration						Trace Cpy with Hm, Py in weak magnetic area,
			92.17-99.40m moderate phyllic? alteration with 2-7mm anhedral fs phenos						strong silica alt, disseminated
			altered to sericite? Weak propylitic overriding the phyllic? with weak						Trace Moly with Py along qtz veins
			sausseritization visible in the fs phenos. Groundmass is light grey/green.	107.15	108.34				Massive Py with semi-massive? Hm?(red)
			Very weak silica alteration present						as diss and as stringers. Cpy, is visible and
			99.40-117m Intervals of moderate potassic alt with groundmass pink (hm?ksp?)/brown						the interval is weakly magnetic.
			with a m-s propylitic alt overriding the potassic. Weak sausseritization visible,						
			weak arg alt? Replacing fs phenos. Fs phenos a pink/red colour (ksp?hm?)						
			Local gypsum, quartz veins throughout 25-40tca. Stockwork veining - black/grey						
			veinlets (py?, qtz?), white (ser?), black/red (py?,hm?) veinlets weakly magnetic						
			5-7% Py disseminated, veins, replacing? Qtz?, trace Cpy associated with qtz veins,						
			hematite/py? Veinlets, higher silica content. Trace Moly, also associated with						
			qtz veins, py.						
			107.15-108.34m stronger silica, fs phenos faint to indistinct,						
			increase in hematite? (red), Py content with diss trace Cpy. Weakly magnetic.						
			Hm/Py appearing at veinlets and in patches? Blobs?						
117	184.06	Qtz Mnz	con't Variably Altered Feldspar Porphyritic Quartz Monzonite	117	184.06	5-7	tr-0.1		Hm throughout, often assoc with Py, trace Cpy
			Same as described in above unit.						black/red veins (20-80tca) Py disseminated,
			117-140.70m Fine grained, groundmass alternating						Py massive and diss, along qtz veins
			light grey to dark grey/green to light grey/pink/brown due to alteration						Trace-0.1% Cpy diss, often with Hm in strong silica
			fs phenos 2-7mm, subhedral visible throughout. Altered to clay, sericite and						biotite alteration.
			sausseritized. Stockwork black/red veinlets (py?hm?) with trace Cpy assoc.	117	128.50	1	tr-0.1		weak-moderate magnetism observed with
			weak-moderate magnetism assoc with the veins. Local gypsum and qtz veins						black/red veins (20-80tca) Py disseminated,
			with Py assoc						Trace Cpy associated with veins
			140.70-145m stronger arg alt with 2-7mm subhedral fs phenos altered						127.35-128.80m core-axis qtz? vein with massive?
			dominantly to clay. Stockwork qtz/dolomite? veins (fizzes when scratched)						Py
			white, hard. Local sericite? veins, white soapy feel 40-60tca.Groundmass	124.20	125.83				Weakly magnetic, diss Hm, Py, Cpy (also as stringers)
			light grey with pink hue in localized areas. Localized jn 35tca with 5mm clay	147.90	148.10				Py, Hm, Bio, Cpy disseminated in strong silica/
			infill	158	159.35	1	tr		biotite alteration.
			145-175m Strong silica/potassic alteration throughout except when phyllic alt is	167.30	167.87				Massive stockwork "spider veins"
			prominent. Fs phenos are also more visible with the seritization 2-7mm subhedral						black/red veinlets, weak to
			Fine grained, groundmass, light grey (arg alt), dark grey/pink with						moderate magnetism, diss Py, Cpy
			silica/potassic alt. Small intervals of pervasive silica with 1-2mm biotite	180.05	180.45	0.5	tr	tr	Qtz vein following core-axis with Py, Hm, Cpy,

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								92.17		cn	50		Faulted lower contact, 1mm infill, undulating
92.17	99.40	w	m		w		Weak propylitic overriding moderate phyllic? (white, soapy feel). Weak sausseritization visible in fs phenos.	92.17	117.00				Local gypsum, qtz veins 25-40 tca, stockwork veining
							Silica alt is very weak						black dirty veins (py?, qtz?), white (ser?), black/red (py?hm?)
99.40	117	w	w		m	?	Intervals of potassic/propylitic alterations. Appears as if the propylitic overrides the potassic. Silica alt is stronger	93		vn	30		Qtz vein with Py, Hm? (red), Moly? associated
							sometimes causing fs phenos to become indistinct	93.35		vn	35		Gypsum vein
							(107.15-108.34m)	94.20		vn	25	S	Black/red (py?,hm?) stringers with Cpy
								98.21	98.25	ft/jn	55	W	4cm soft dirty grey gouge infill
								100.20		jn			Stepped fracture break, calcite infill
								103.70		vn	20		Qtz vein with py, cpy
								105.15		vn	80		Black/red (py?,hm?) stringer with Cpy?
								112.45		vn	40		Qtz vein with Py, Cpy remobilized? through the vein
117	128.50	w			s		Strong propylitic alterations overriding the potassic (1m intervals, ksp?, pink/brown groundmass) Weak arg alt	120.90		vn	30	S	Black/red (py?,hm?) stringer with Cpy?
								125.10		vn	15, 50	S	Magnetic black vein, undulating, Py, Hm, Cpy? assoc
128.50	145	s	m		w		Weak potassic alt overriding? strong arg alt. Fs phenos	117	128.50	vn		2	weak-moderate magnetic black/red stingers?/Veins?
							2-7mm subhedral dominantly altered to clay.						with Py, Hm?, Cpy - stockwork
							Silica alt very weak.	123.06	123.09	vn	27		Orange gypsum vein
145	175	w	m	w	s		Pervasive silica/potassic alteration with weaker phyllic	123.70	123.75				Orange round gypsum vein?
							alt replacing fs phenos. Mineralization more noticeable	130.05		vn			30tca soft cl? Gouged? vein with black (Py?) and
							in silica/potassic alteration. Fs phenos pink colour Ksp?						white banding
							and groundmass pink/brown.	131.90	132	ft?		w	Vuggy, consolidated light grey gouge? Cl?
147.90	148.10						strong silica alteration with 1-2mm biotite phenos, fs	137.20		vn	20	s	Black magnetic vein with Py, Hm, Cpy?
158	159.35						phenos indistinct.	138.05		vn	45		Jn infill 5mm black/grey gouge?cl?
175	184.06	s			m	w	Strong arg alt, fs phenos dominantly altered to clay	140.70	145	vn	20-60	5	Sericite? veinlets (white, soapy feel) 40-60tca
							Weak potassic alt overriding? Strong arg alt. Fs phenos						Stockwork qtz/dolomite? Veins, hard, white
							replaced by ksp? (pink). Groundmass pink/grey hue						Stockwork black/red veinlets - weakly magnetic
							Moderate silica alteration						Local gypsum veins 20-60tca
								145.34	145.40	vn	30		Black magnetic vein with qtz (magnetite?) Appears
													dessicated (cracked) within the qtz. Py, trace Cpy diss

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			phenos (147.90-148.10m, 158-159.35m) fs phenos are very faint/indistinct.						Moly? (black metallic <1mm) on margins with Py Mineralization is disseminated
			Stockwork veining (ser? White, soft), local gypsum, qtz veins. Weak-moderate magnetic black/red veinlets throughout with Py, Cpy?						
			175-184.06m Weak potassic with strong arg alt. Fs phenos very visible, 2-7mm subhedral altered to cl, ksp? (pink). Groundmass is predominantly light grey with pink/grey hue. Local qtz/carb veins 50tca. Lower contact is faulted with 4cm soft consolidated gouge, rubble. 1.5cm black, 2.5cm grey gouge/rubble 60tca						
184.06	193.76	Qtz Mnz	Quartz Monzonite	184.06	193.76	10	0.2-0.4		Massive Py - disseminated, coating fracture surfaces, sulphide stringers, qtz/carb veins with Cpy
			Very strong pervasive silica with 0.2-0.4%? Cpy. Visible on fracture surfaces and on groundmass, diss and on veins (remobilized?) with Py						
			Very fine groundmass, medium grey/brown - brown/black <1mm specks throughout (py?, bio?). 10% Py (massive) disseminated, coating fracture surfaces, veinlets. Red specks (hm?) mixed in with the black						0.2-0.4% Cpy, disseminated and remobilized? on qtz veins. Visible on fracture surfaces with Py
			Stockwork black sooty veins (py?). Local qtz, carb veins (35-50tca)						
193.76	221.59	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	193.76	221.59	7	tr-0.1		7% Py diss, veinlets, assoc with qtz, carb veins 30-60tca su stringers
			Fine grained, 50-60% fs phenos, 2-6mm sub-euhedral. Intervals of pervasive silica alteration, moderate potassic and moderate argillic. Fs phenos dominantly altered to clay, 20% alt ksp? (pink). Groundmass changes from light grey to grey/pink/brown to dark grey depending on alteration						
			193.76-221.59m strong arg alt with weak potassic overriding. Black 2-10mm irregularly shaped phenos? Bio?/chl? Usually with Cpy at localized intervals						Tr-0.1% Cpy, more abundant in silica rich units and with black irregular shaped phenos (bio?/chl?) in the arg alteration
			(197.21m, 208.50m, 215.40-215.60m) Stockwork black veining (py?)						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								151.70		vn	40		Black magnetic vein with Py, hm, cpy?
								145	175	vn		2	Stockwork black/red veinlets - weakly magnetic
													all angle from core-axis to 80tca.
													Local gypsum veins 20-60tca
													Local qtz veins with Py 30-60tca
								160.25		vn	50	s	Black hard vein with Py, black/white banding?margins?
													non-magnetic
								165.07	165.37	vn		s	Core-axis gypsum vein - cream coloured core with
													black chilled margins and py on margins
								175.80		vn	30	s	Qtz/carb vein, pink, black, white banding - Py, Cpy
													visible on vein
								180.05	180.45	vn		s	Qtz vein following core-axis with Py, Hm, Cpy, Moly?
													(<1mm black metallic specks)
								175	184.10	vn	50, 55		Local 0.5-1cm carb/qtz veins, Py associated
								183.02		jn	70	w	Jn infill 5mm grey cl
								183.23		jn	55	w	Jn infill 10mm grey cl
								184.06		cn	60	w	1.5cm black hard, 2.5cm consolidated gouge, rubble
													with black margins
184.06	193.16			vs			Pervasive silica alteration, no fs phenos visible. Possible	184.06	193.16	vn		2	Local qtz, carb veins 30-50tca
							biotite alteration with <1mm black specks. Possible						Stockwork black sooty veins (py?)
							potassic??? with brown hue on groundmass but could be	186.32	186.65	vn	50		Qtz/carb (calcite?) vein, vuggy, translucent, black
							due to Py?						deformed. Py, Cpy, Moly?/Tetra? throughout vein
								187	187.10	vn	40		Qtz/carb (calcite?) vein, vuggy, translucent, black
								187.15	187.22	ft	35	w	Consolidated black/dark grey gouge?, cl?
								188.40		vn	30		Qtz vein with Cpy, Py
								192	192.27	vn			Qtz/py vein along core-axis (massive Py)
								193.40	193.66	vn	35		Massive qtz vein, vuggy, with Py, Cpy - magnetic
													areas
193.76	197.38	s		w	m	w	Strong arg alteration with fs phenos dominantly	193.76	221.59	vn		10	Stockwork black sooty veins (py?), stockwork black/red
202.35	205.54						replaced by clay. Weak-moderate potassic overriding						veins (py?/hm?) 80tca, local qtz, carb veins 30-55tca
207.48	221.59						the arg with goundmass pink/brown hue, fs phenos turning	196.72		vn	55		0.5mm carb vein, vuggy
							pink (ksp?) Possible weak biotite? alteration with	199.10		vn	25		Qtz vein with moly?/tetra? Small black <1mm specks
							2-10mm black phenos? (bio?/chl?) among the fs phenos	201.92		vn	80		Black/red (py?/hm?) vein
							Cpy usually associated (197.21m, 215.40-.60m)	203.40					Carb vein? (black, white) deformed with Py, Cpy
197.38	202.35			m	vs		Pervasive silica alteration turning groundmass dark grey/	204		vn	30		Carb vein with moly?/tetra? (small black <1mm specks),
205.54	207.48						brown, fs phenos becoming faint. Small 1-2mm black						py - banded black, white, py

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			with local calcite, qtz veins 35-55tca)						
			197.38-202.35m, 205.54-207.48m, 220.17-220.47m pervasive silica alt with fs						
			phenos faint/indistinct. Black 1-2mm phenos (bio?) throughout with tr-0.1% diss Cpy.						
			Black stockwork veining still observed. Black/red veinlets (py?/hm?) 50-80tca						
221.59	292.34	Qtz Mnz	con't Variably Altered Feldspar Porphyritic Quartz Monzonite	221.59	292.34	10	0.5	tr	Py dominant sulphide - diss, blebby, stringers/
			Fine grained, 50-60% fs phenos, 2-6mm sub-euhedral. Intervals of pervasive						veins - often associated with qtz veins. Coating
			silica alteration, moderate potassic and moderate propylitic. Fs phenos altered						several fracture surfaces due to breaking on a
			to clay and sericite.						Py stringer?
			10% Py diss, blebs?, stringers and assoc with qtz veins. Visible as a coating on						0.5% Cpy diss, blebbY on qtz veins. Abundant in
			fracture surfaces. 0.5-1?% Cpy diss, blebby, assoc with black 2-10mm irregular						silica rich units and in potassic alt with irregular
			shaped phenos in potassic alteration, qtz veins and silica rich alterations						black patches (bio?/chl?) Visible on localized
			Trace Moly on qtz/dolomite veins.						fracture surfaces (290.45m)
			221.59-236.78m potassic alt overriding host rock with groundmass light grey with						Trace Moly (tetra?) black/blue metallic, striated,
			pink patches throughout. Fs phenos very visible alt clay/sericite. Intervals						only with qtz/dolomite veins
			of 2-10mm black irregular shaped phenos? (bio?/chl?)	221.59	236.78		tr-0.1		
			Stockwork veining with black sooty veins (Py?), qtz veins. Local qtz and qtz/dolomite?	236.78	244.50		0.5		
			(beige) 20-55tca. Rubble/broken zones throughout, core-axis breaks.	244.50	258.73		0.2-0.3		
			Trace-0.1% Cpy diss, blebby? On qtz veins, with irregular black phenos (bio?chl?)	258.73	292.34		tr-0.1		
			Trace Moly on qtz/dolomite vein (233.70m)						
			236.78-244.50m pervasive silica alt with fs phenos faint/indistinct						
			Black 1-2mm phenos (bio?) throughout with diss Cpy. Groundmass is brown/grey						
			with weak potassic? Visible as pink hue over fs phenos. Highly magnetic qtz/						
			magnetite? veins 30-40tca with Py, Cpy diss, blebby. Stockwork white veins						
			(ser?) soft, black sooty veins (py?) 0.5% Cpy.						
			244.50-258.73m same as described in 221-59-236.78m unit. More moderate						
			phyllic alteration affecting fs phenos. 0.2-0.3% Cpy diss, blebby. Trace Moly?						
			tetra? On qtz/carb vein 249.55m						
			258.73-273.35m Strong propylitic alt with groundmass dark grey/green with						
			pervasive sausseritization. Very weak potassic alt visible in 10cm intervals with						
			fs phenos replaced by ksp? (pink) Stronger seritization of fs phenos (salt/pepper)						
			look to core where propylitic alt is weaker. Local black bandng? with brecciated						
			look mineralization, qtz? crystals "floating" in black groundmass. Local qtz						
			veins with Py, Cpy. Intervals of pervasive silica alt (same as described in						
			unit 236.78-244.50m). 268m salt/pepper look is more dominant, with weaker						
			propylitic alt, fs phenos altered to sericite. Trace-0.1% Cpy disseminated						
			273.35m-292.34m 2-3m intervals of moderate potassic and moderate propylitic						
			overriding weak-moderate phyllic alt. Stockwork black sooty veins, local qtz						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
220.17	220.47						subrounded biotite? phenos. Cpy rich environment.	209.65		vn	38		Qtz/py vein (py in core)
								214.06	214.16	ft	35	w	Faulted/broken zone gouge, rubble, cl on upper/lower contacts
								217.30	217.34	vn	40		Qtz, carb vein, vuggy, py throughout
221.59	236.78	w	w		m	w	Weak-moderate potassic alt overriding host rock. 60% fs phenos 2-6mm sub-euhedral alt clay/sericite.	223.20		vn?	60		Light brown banding?vein? with tiny black specks throughout
							Groundmass light grey to grey/pink patches. Fs phenos alt to ksp??? Pink appears 'smeared' over fs phenos rather than replacing them	225.34	225.39	vn?	60		Qtz/carb vein with blebby Py, Cpy
							Intervals of 2-10mm black patches (bio?/chl?) with Cpy	225.70	226	br	70	w	Jn infill with gouge, rubble, cl (fault?, sheared?)
							Weak propylitic with groundmass grey/green 229-235m						225.99-226.02m soft gouge, cl
							Weak sausseritization visible on fs phenos	227		vn	20		Qtz vein with remobilized? Py in core
								229.55	229.95	bk			Broken/core-axis breaks
								230.17	230.20	bk			Broken zone
236.78	244.50				vs		Pervasive silica alt with fs phenos faint. 1-2mm subhedral black phenos (bio?) with stockwork white (ser?) veins throughout. Cpy rich 0.5%. Highly magnetic qtz/magnetite? veins with Py, Cpy 30-40tca	232.28	232.33				Broken zone
								232.51	232.78				Broken zone
								233.78	234.40				Broken/core-axis breaks
								235	235.68	vn			<1mm Py stringers cutting through qtz veins - creating a foliated appearance
244.50	258.73	w	m		m		same as described in first alt unit with more moderate phyllic alt (replacing fs phenos) and a weaker arg alt.						40tca qtz veins with Py
							Groundmass light grey to grey/pink/brown patches. Very weak propylitic alt with grey/green hue over localized intervals	236.05	237.95	vn	20-40		Black magnetic veins/qtz veins with Py, Cpy
								244.21	244.29		70		Black vein?/banding? with white stockwork veins cutting through. Non-magnetic, high diss Cpy
													Qtz/carb (beige, dolo?) with Py, Cpy, Moly (tetra?)
258.73	273.35	w	m		s	w	very strong propylitic alteration overriding the potassic.	249.55		vn	35		black/blue metallic, striated. Pitted margins
							Weak-moderate sausseritization of fs phenos. 60% fs phenos throughout. 268m fs phenos more prominent with mod phyllic alt (sericite replacing fs) (salt/pepper look)	256.86		jn	55	w	Jn infill 0.5mm clay
							Pervasive silica alt with the propylitic. Intervals of silica rich environment as in second alt unit (236.78-244.50m	253.50	254.23	vn			Core-axis qtz vein with Py in centre
								255.67	256.86	vn			Core-axis qtz vein with Py in centre (remobilized?)
								259		vn	55		qtz/carb vein with Cpy
273.35	292.34	w	m		m		2-3m intervals of moderate potassic and propylitic overriding? a moderate phyllic alt. Groundmass alternates between light grey to grey/pink/brown to grey/green. Weak sausseritization visible, moderate seritization? of phenos	260	260.16		45, 50		Hard black banding creating slickensides on jn surfaces, host rock deformed, fibrous? Appearance
							Small intervals of silica alt as observed in 236.78-244.50m	260.74		vn	65		orange gypsum vein
							Fs phenos alt to ksp?? pink appears 'smeared' over phenos than replacing them	260.87	260.92				high magnetic, black, round, with qtz, py, cpy
								264.50		vn	10		Black matrix with qtz?, py clasts appear to be floating in vein?/matrix?
							Fs phenos 60% of unit, 2-10mm sub-euhedral	264.20			28		qtz/calcite vein, banded looking with black, white, py banding. Trace Moly with the Py. 2mm cl infill
								267.49			30		on jn surface
													white/transparent gypsum vein - flaky plastic looking
								271.46	271.76	vn	10		

Lions Gate Metals

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Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericite	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													with black, hard, non-magnetic substance throughout
								274.31	274.33	vn	50		vuggy calcite vein
								276	278	vn	50		Black, black/red veinlets 2-3mm throughout
													(every 5mm)
								278.16	278.35	vn	45		Qtz vein with Py, Cpy, Moly?/tetra?, hm, deformed
								279.60		vn	18		qtz/carb (beige, dolo?) with Py, Cpy
								281.40		vn	32		qtz/carb (beige, dolo?) with Py, Cpy
								280.13	280.19	vn	40		Qtz vein, magnetic (magnetite?) black, hard
													(py?) with Py, Cpy (diss, blebby)
								281.55		vn	65		Vuggy carb vein with qtz, Cpy
								282.75	284.23	ft	60		fault/shear with vuggy appearance, consolidated
													gouge, jn infill 5mm black gouge?, cl?
													284.20-284.23m consolidated soft light grey gouge, cl,
													rubble.
								283.92	284.05	vn			deformed qtz, py vein, vuggy, heavy microdefects
								284.80		vn	55		Qtz vein with blebby py, cpy
								289.15	70	jn			Dark grey cl, gouge
								221.59	292.34			10	Stockwork black sooty veins (py?) stockwork white soft
													veins (sericite?), stockwork qtz veins.
													Local qtz/carb veins with Py, Cpy, Moly?/tetra?
													Local qtz veins 20-60tca with Py and blebby Cpy, hm?
													depending on alteration. Lots of core-axis qtz
													veins with Py remobilized? and blebby Cpy.
								292.34		cn			Undulating with beige, hard vein? wrapped around
													core - brecciated look with sausseritized fs phenos
													merging into the vein
292.34	357.50	w		s			Pervasive propylitic alteration with groundmass a pale						
							mint (sage?) green. Weak sausseritization affecting fs	295.25		jn	60	w	5mm gouge, cl infill
							phenos. Weak arg alt replacing fs phenos with clay.	297.61	297.79		50	w	Consolidated light green gouge, rubble leading into
							Biotite has "shredded" appearance and is pervasive						broken zone 297.79-297.89m
							throughout.	300.99		vn	40		Calcite vein (white)
351.05	352.03	vs			w		Clay? altered dyke, very fine grained, soft, beige.	304.70	305			w	Vuggy, eroded? Gouge, cl infill
357.06	357.50	vs			w		fs and qtz phenos <1%. Fs phenos alt to clay	305.65		jn	20	w	10mm gouge, rubble infill
								309.95	30.9.98	jn	25	w	10mm consolidated gouge, rubble infill
								314.99	315.05	jn	60	w	Consolidated light green gouge, rubble
								315	326	vn		w	Very pitted, vuggy groundmass, calcite veins
													throughout (50-80tca), 10mm joint infill gouge, rubble
								320.35	320.39	jn	40	w	Consolidated light green gouge, rubble

Lions Gate Metals

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Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
								322.26		vn			Orange/white calcite vein, deformed with black margins
								333.22	333.56	ft			Pitted groundmass, consolidated
								335.11	336.30	ft			Pitted groundmass, consolidated
								338.13		jn	30	w	10mm gouge, rubble infill
								228.98		jn	55	w	5mm gouge, cl infill
								341.45	341.70	jn			Core-axis break
								397.86	398.10	jn			Core-axis break
								351.05	352.03	int	55, 50	s	Intermediate? Mafic? Dyke? Bleached? Clay? Altered
													very fine grained, beige, soft. Black stain spreading
													onto groundmass from veinlets. <1% fs? Phenos
													alt to clay. <1% quartz phenos 1-4mm oval, grey, hard
													Upper contact sharp, black banding separating the
													dykes 55tca. Lower contact 50tca 3mm gouge/cl
													infill
								357.05	357.50	int	25, 35	w	Intermediate? Mafic? Dyke? Bleached? Clay? altered
													very fine grained, beige, soft. Black stain spreading
													onto groundmass from veinlets. <1% qtz phenos
													1-4mm oval, grey, hard
													Upper contact is blobby/undulating, lower contact sharp
													35tca, 1-2mm gouge/cl infill
357.50	358.25	w			m		Pervasive silica/propylitic alteration with groundmass	357.50	361.72				2 Carbonate veins? Blobs? throughout (white, hard),
358.50	360.53						dark grey/green, moderate sausseritization. Weak						stockwork black sooty veins. Highly deformed.
361.48	361.72						arg alt replacing fs phenos to clay.	357.25	357.50	int			Intrusion of above felsic? Dyke, no set contact
							359.90-360.53m groundmass is darker - black with higher						(deformed, undulating shape)
							mineralization. Non-magnetic, deformed, more	360.53		cn			Bloppy contact
							sausseritization apparent.	360.53	361.44	int		s	Intrusion of above felsic? Dyke, same as described
358.25	358.50	m					Felsic? Dyke same as described in above unit 292.34m	361.44	361.48	cn	55, 50	s	Intrusion of above intermediate? Mafic? Dyke
360.53	361.44						weak sausseritization, light green groundmass						vfg, beige, soft
361.44	361.48	s					clay? altered Intermediate? Mafic? Dyke	361.72		cn	40	s	Sharp contact, cl infill 1mm
361.72	363.93	m					Moderate sausseritization of fs phenos. Weak	361.72	361.80	int		s	Intrusion of above intermediate? Mafic? Dyke
							propylitic? alt with groundmass light green						vfg, beige, soft, qtz phenos visible near lower contact,

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			soft, black banding/vns throughout. Green 10mm clasts in groundmass, 1-2mm						
			qtz phenos visible near contact						
			361.80-363.95m BFPD? Same as described in 292.34m unit. Light green						
			groundmass, fine grained. Moderate-strong sausseritization of fs phenos						
			20% of unit. 2-6mm anhedral. Very weak arg alt.						
			362.80m black blob? 4cm long, 1cm wide, semi-hard, Diss Py visible.						
			Non-magnetic						
363.95	383.00	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	363.95	383.00	3	tr	tr	Py disseminated, follows qtz veins and seen
			363.95-367.89m dark grey/green groundmass, pervasive propylitic alteration						as sulphide stringers
			with moderate sausseritization. Fs phenos 2-10mm sub-euhedral, weak						Trace Cpy disseminated, more abundant in
			arg alt. Stockwork qtz/dolomite? veins. Local qtz, py veins. Where propylitic						the strong arg alt with black phenos (bio?, chl?)
			alt is strongest, fs phenos are indistinct	376.90					Trace Moly along calcite vein
			367.89-376.35m strong argillic alt with 90% fs phenos in unit. 1-2mm black	379.74	380.20				Qtz vein with massive Py, diss Cpy (fracture surface)
			subrounded phenos (bio?, chl?) among the feldspar. Light grey groundmass						diss Moly, Hm
			370.94-371.30m pervasive propylitic alt with sausserite and green/grey	372.50	373.00				Moderately magnetic with Hm, diss Cpy
			groundmass. Core-axis qtz veins throughout unit with stockwork black sooty						
			veins (Py?). 372.50-373 weakly magnetic with hm, Cpy. Py, Cpy also along						
			qtz veins with hm, calcite						
			376.35-377.10m similar to first unit at 363.95m with pervasive propylitic alt,						
			strong sausseritization. Py stringers, core-axis calcite vein (pink - hm?) with						
			Moly? - metallic black/blue <1mm specks						
			377.10-382.82m similar to second unit at 367.89m with light grey/pale green						
			groundmass, black/green phenos? patches? throughout (chl?, bio?) .						
			Moderate sausseritization of fs phenos, intervals of groundmass light grey/green						
			with stockwork veining (qtz?, py?) Fault zone @ 379.40-379.70m with vuggy						
			appearance, gouge, rubble infill along core-axis to broken zone @ 379.70m						
			Qtz veins @ 377.04-378.75m 20tca, 379.74-380.20m (Py, Moly, Cpy)						
			382.82-383m pervasive propylitic alteration, similar to above propylitic						
			alt units						
383.00	386.80	Qtz Mnz Dyke	Biotite? Feldspar? Porphyritic Dyke (Felsic???)	383.00	386.80				No visible mineralization observed
			Same as described. Pale mint green (sage?) groundmass with 2-3mm subrounded						
			biotite phenos, 2-6mm subhedral fs phenos. Moderate propylitic alteration						
			with sausseritization of 95% of the fs phenos. Weak arg alt affecting the remaining						
			phenos. Clay coating fracture surfaces. Qtz/Calcite veins? (2cm long, 0.5mm wide)						
			383.81-384.86m core-axis fault - infill 10mm consolidated gouge, cl. Opens up						
			to sharp 28tca lower contact with deformed black/grey banding in gouge, rubble						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericitic	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													10mm green clasts floating in groundmass
								362.80					black substance? with diss Py, semi-hard
								363.93		cn	40		Lower contact, undulating, chilled? margins
363.95	367.89	w			m		Pervasive propylitic alteration, groundmass dark grey/green withn moderte sausseritization. Weak arg alt affecting fs phenos.	364	364.50	vn			Core-axis vein/ft? with 10-15mm gouge, cl infill moderate micro-defects
								366.35		vn			Qtz/carbonate vein (pink/orange), deformed
367.89	376.35	s		w?			Strong arg alt with fs phenos very visible as 2-8mm sub-euhedral phenos alt to clay. Small 1-2mm black phenos (bio?, chl?) subrounded with Cpy usually associated	369.80		jn	30		Calcite vein/open joint with diss Cpy
							(bio?, chl?) subrounded with Cpy usually associated	370.27	370.94	vn			Core-axis qtz vein with Py, chilled? margins
							Weakly magnetic unit	376.90		vn			Hm/Carbonate vein with Moly, vuggy
								377.04	378.75	vn	20		Qtz vein, vuggy, py mineralized
376.35	377.10	w			m		Same as described in first alt unit	378.28		vn	35	w	Vuggy qtz vein with Py, Hm, moly? Cpy?
377.10	382.83	s		w?			Same as described in second alt unit	379.40	379.74	ft			core-axis infill of gouge, rubble leading into broken
382.83	383.00						Pervasive propylitic alteration, groundmass dark grey/green						gouge filled zone @ 379.74m
							Same as described in first alt unit	379..74	380.20	vn			Qtz vein, pitted with massive Py, Cpy (diss and on fracture surfaces), Moly
								363.95	383				Local qtz veins 25-55tca
								383		cn			Blobby contact
383.00	386.27	w		w			Pervasive propylitic alteration with groundmass pale green (sage) with sausseritization of 95% fs phenos. Weaker arg alt replacing remaining phenos with clay, clay coating on select fracture surfaces.	383.81	384.86	ft/vn	28	w	Core-axis fault/vn with 10mm infill of gouge, cl. Opens up towards 383.86 with sharp contact between gouge and host rock 28tca
								383	386.80			<1	Local qtz/calcite veinlets? - pink/white tinge
							2-3mm subrounded biotite phenos throughout - 2-3% of unit						Black stockwork veins (qtz?, Py?)
								386.80		cn	25		Sharp lower contact, moderate microdefects leading up to contact.

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Gouge, clay, rubble in fill on select open fracture surfaces. Lower contact 25tca sharp.						
386.80	418.58	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	386.80	403.72	5	tr	tr	5% Py disseminated. Throughout qtz/fault zone appears blebby in core of qtz veins.
			Fine-medium grained, light grey groundmass. 30% unit fs phenos 2-7mm subhedral, dominantly altered by sericite. 5-7% biotite 1-2mm phenos						Trace Cpy, diss, blebs?. Appears more in abundance with black patches and in the biotite alteration @ 299.62m
			386.80-389.10m fault/qtz vein. Intervals of consolidated banding (black, light grey) gouge, clay with qtz (black/white banding in qtz veins). Py is disseminated in the fault/qtz . Gouge, cl infill on local fracture surfaces creating slickenside						Trace Moly in qtz veins with Py, Hm, Cpy
			Moderate microdefects, vuggy in places	403.72	418.58	5-7	0.2-0.3	tr	5-7% Py diss. Often visible in qtz veins, diss and blebby. 0.2-0.3% Cpy, more abundant in strong potassic alt and blebby on qtz eins with Py, Moly.
			389.10-403.72m 30% 2-7mm subhedral fs phenos dominantly altered to sericite						Trace Moly on qtz veins with Py, Cpy
			Strong phyllic alt with weak propylitic overriding the phyllic causing groundmass to appear light grey/green. Irregular black phenos?/patches? throughout (bio?/chl?) with Cpy associated. Butter yellow, semi-hard mineral? as stockwork						Weakly magnetic black stockwork and local veins (magnetite?) with Hm Py, Cpy
			veining throughout unit. Black metallic <1mm mineral?(hm?)/specks? throughout unit associated with Cpy (possibly making up the larger black patches).						
			Stockwork black sooty veins (Py?) with local qtz and calcite veins (25-50tca)						
			Unit is weakly magnetic, particularly around black patches with Cpy.						
			399.62-401.16m fs phenos with an increase in biotite phenos (very white appearance with 1-2mm black subrounded phenos). Moderately magnetic. Magnetic						
			black veins (35-55tca) with hm, Py, Cpy						
			403.72-418.58m light grey groundmass with 50% 2-7mm euhedral fs phenos.						
			Strong phyllic alt with moderate propylitic alt overriding. Groundmass appears brown/pink in places where potassic is stronger. Similar						
			black sooty stockwork veins throughout, local qtz/py veins. Mineralization is increased with 5-7% Py, 0.2-.0.3% Cpy, trace Moly. Similar black <1mm metallic black specks are throughout often with Cpy.						
418.58	457.04	Qtz Mnz	Feldspar Biotite Porphyritic Quartz Monzonite	418.58	454.30	5	tr	tr	5% Py, diss and following qtz vein and beige/

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
389.10	403.72		vs	m	m		Strong phyllic alteration with fs phenos replaced by sericite (very white appearance, soapy feel). Weaker propylitic alteration overriding the phyllic with groundmass a light grey/green. Sausseritization visible @ 395.85m-398.30m	386.80	389.10	ft/vn		w	Intervals of fault zone and qtz vein with vuggy appearance where gouge, cl, rubble in abundance
													Black/grey banding throughout, even in qtz vein
													Diss Py visible in fault and qtz. Jn infill of gouge, cl
													5-10mm creating slick surfaces.
							Weak-moderate biotite alteration with 1-2mm subrounded biotite phenos. Cpy associated in the biotite alt.	389.30		jn	20	w	10mm gouge, cl soft infill
								386.27	418.52				Butter yellow, semi-hard mineral? Throughout creating stockwork appearance, mineralization
403.72	418.58		vs			w	Strong phyllic alteration with fs phenos replaced by sericite (very white appearance, soapy feel). Moderate potassic alt overriding the phyllic with pink/brown groundmass. Fs phenos more visible and more in abundance with the potassic alt.						assoc with it. Irregular black patches black <1mm metallic specks assoc with the yellow mineral.
													Local qtz veins 15-55tca, core-axis qtz veins
													Stockwork black sooty veins (py?) with mineralization Py, Cpy.
								395.86					Local calcite veins 45tca, vuggy
								397.25	397.32		45		Qtz? vein with high concentration of red/brown
													<1mm specks (bio?/hm?), weakly magnetic with black
													smooth patches, diss Py, Cpy, Moly?/Tetra? (black
													metallic specks)
								398		vn	10		Vein?/Opened cemented joint with black, red/beige
													banding consisiting of Hm?, Py, Cpy, Moly as blebs?
													along the margins
								389.62	401.16	vn	55		Black magnetic veins with Py, Cpy, Hm? - stockwork
													and local
								402		vn	20		Qtz? Vein with diss Py in core, Cpy, Hm? - black (py?)
													banding with diss Py
								402.32	402.50	ft		w	Vuggy, with 5cm soft gouge, cl, rubble
								404.60		jn	85		3mm gouge, cl infill
								405.25		vn	30		Qtz vein with Py, Cpy, diss and blebby
								405.50	405.65				Core-Axis qtz veins with Py mobilized? In core of vein
								406	406.73				Cpy, Moly?/Tetra? (black metallic) assoc with
								415.41	416.00				core-axis qtz veins
								417.10	418.07				
								414.80		45			Magnetic black vein with qtz, Py, Moly?/Tetra?
418.58	438.00		vs	m	m		Strong phyllic alteration throughout unit with	418.58		cn	52	w	Sharp upper contact, faulted with gouge, cl on jn

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
457.04	504.41	Qtz Mnz	con't Feldpsar Biotite Porphyritic Quartz Monzonite	457.04	504.41	5-7	tr-0.1	tr	Py>Cpy>Moly throughout unit.
			Same as described in unit @ 418.58-454.30m Fs phenos dominant with 50-60% of unit						5-7% Py diss, visible around/in core of qtz veins
			with 2-7mm euhedral phenos dominantly altered to sericite. 5% biotite						Trace-0.1?% Cpy, diss, more abundant in
			as 1-2mm subrounded black phenos. Similar intervals 459.33-459.93m,						silica/biotite alteration. Diss and blebby on
			472.71-473.57m, 472.74-474.47m of high silica alt with biotite,						qtz/dolomite veins with Py, Moly.
			causing fs phenos to become faint						Trace Moly on qtz/dolomite veins
			Similar stockwork veining with black sooty veins, local qtz, calcite veins.	460.80					Trace Sph? on margin of qtz/dolomite vein
			Veining is 10% of unit.	461.60					Qtz/dolo vein 20 tca with diss Py, Cpy, Moly, Sph
			Trace-0.1% of Cpy diss, blebs on qtz veins. 5-7% Py diss, blebs on qtz veins,	462.80					Qtz/dolomite vein 60tca with diss Py, Cpy, Moly
			also remobilized? in core of qtz veins (particularly core-axis veins). Trace Moly	463.80	463.90				Qtz/dolomite vein 20tca with diss Py, Cpy, Moly
			throughout, often along qtz veins with Py, Cpy.	465.00					Qtz/dolomite vein 30tca with diss Py, Cpy, Moly?
			460.57-461.45m strong propylitic alteration with fs phenos indistinct.	497.33					Qtz vein with Py>Cpy in core 20tca
			Groundmass is medium grey/green, weak sausseritization visible. Contacts	498.57					Qtz vein with Py>Cpy>Moly? in core of vein
			are sharp - upper 20tca black vein? Py? separating units. Lower contact is a						
			calcite vein 15tca.						
			484.98-485.50m, 488.85-489.42m broken zones, qtz visible on fracture						
			surfaces, sericite also coating broken surfaces.						
			492-504.41m moderate propylitic alt overriding the potassic. Phyllic alt is still						
			strong. Groundmass is ight grey/green with stronger sausseritization of fs						
			phenos (50%). Black sooty stockwork veining is still strong, local qtz veins (15-80						
			tca) make up 5% of this interval						
504.41	543.76	Volc	Volcanic??	504.41	543.76	10	1-2	tr	Py is disseminated and blebby? Sometimes
			Very fine grained, appears siliceous but quite soft, easily scratched. Tortoise						filling entire quartz veins (remobilized?)
			shell appearance with what appears to be yellow/brown groundmass? with						1-2% Cpy disseminated and blebby along qtz
			black biotite patches throughout. Appears darker depending on the biotite						and qtz/carb veins. Appears as <1mm veinlets
			content. 2-3m after upper contact, rock is much lighter in colour.						throughout (remobilized?) 30-50tca, oriented
			Intervals of blobs? Clasts? 1-2cm diameter, soft and hard, variety						Trace Moly on qtz veins with Py.
			of colours light brown, mauve, smokey grey (qtz?, hard) - 506.80-508m						Several magnetic black veins with Py>Cpy>Moly?
			Major stockwork veining creating very weak, brittle rock. Breaks on the veins						Hm is visible along veining (red)
			with fracture surfaces coated 1-2mm sericite and slickensides. Deep emerald						Purple flourescent miineral (fluorite?) appearing as
			green colour visible on fracture surfaces with sericite and visible in veins.						10-20cm patches throughout. <1mm purple/black

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
457.04			vs	m	m		Weak potassic? alteration with groundmass appearing	457.20	457.30	ft	60, 40		Consolidated infill - gouge, qtz clasts with sharp
							light brown/grey. Strong phyllic alteration	461.60			20		Qtz/dolo vein 20 tca with diss Py, Cpy, Moly, Sph
							replacing 90% of fs phenos with sericite (bright white, soft)	462.80			60		Qtz/dolomite vein 60tca with diss Py, Cpy, Moly
							Moderate silica/biotite alteration - 10-70cm intervals	463.80	463.90		20		Qtz/dolomite vein 20tca with diss, blebby Py, Cpy, Moly
							Cpy more abundant, weakly magnetic. Groundmass						Py, Moly, qtz/dolo (peach/beige) - deformed? looking
							a dark brown colour						mineralization blebby
							Weakly magnetic in strong phyllic/biotite alteration						Cpy in abundance
							at 471m Biotite is visible throughout as 1-2mm subrounded	465.00			30		Qtz/dolomite vein 30tca with diss Py, Cpy, Moly?
							phenos, not associated with any one alteration	477			35		Qtz vein with Py, Cpy, Moly? - smokey grey/black vein
							Weak propylitic alteration at 475.70m with sausseritization	457.04	504.41			5	local qtz veins 15-80tca with diss Py in core
							of fs phenos (emerald green). Groundmass appears						local calcite veins 50tca, vuggy
							medium grey green. Fs phenos still dominantly alt to					10	Stockwork black sooty veins (py?), stockwork white
							sericite						(ser?, qtz/flouride?) veins
489.81							Groundmass white with irregular black patches/phenos	482.4		vn	40		10mm vuggy qtz/dolomite vein creating a slickenside
							seen in previous units. Weakly magnetic, Cpy visible						jn surface
							(Py?, bio?, chl?, Hm?)	484.76	484.98	jn/vn	10		Jn infill 10cm rubble, qtz/dolomite vein - brittle, weak
459.93	462.00					s	Strong potassic with fs phenos alt to ksp?	484.98	485.50	bk		w	Qtz broken up in rubble
468.90	469.24						sausseritization present affecting fs phenos (emerald	488.85	489.42	bk		w	Sericite coating on fracture surfaces
							green).	491.47	491.85	bk		w	Sericite coating on fracture surfaces
491.00	504.41		v		m		Moderate potassic alteration with light brown/grey	492.40	493.05	bk		w	Bk/core-axis breaks with sericite coating fractures
							groundmass, fs phenos very visible, dominantly alt	501		vn			Qtz vein/black banding? Deformed Moly?, Py assoc
							to sericite. 2-7mm euhedral 50% of unit. Weak-moderate						Vuggy
							propylitic alt overriding the potassic with intervals of	501.97		vn	45		Calcite, vuggy vein
							light grey/green groundmass and sausseritization of	502.01`	503.66	vn			Core-axis qtz/carb? vein, vuggy with Py>Cpy>Moly??
							phenos (50%).						black/blue shade mixed in with the qtz/carb? Vein
							Strong phyllic alt with sericite replacing fs phenos and	504.41		cn	50	w	Faulted contact with 5mm gouge, cl on jn infill
							sericite coating fracture surfaces						
504.41	543.76		vs	s	m		Very strong sericitic alt? throughout. Coats fracture	504.41	508.00	bk	30-55		Very broken, major stockwork veins, heavy microdefects
							surfaces 1-2mm thick, creating slickensides						creating very brittle, weak rock. Rubble zones @
							with deep emerald green mineral? Chl? Epi? Core has						504.82-504.92m, 505.34-505.60m, 506.30-506.50m
							soapy, waxy feel where sericite is in abundance.						Fracture surfaces coated in sericite, slickensides
							Possilbe propylitic alteration with the deep emerald						deep emerald green colour.
							green mineral/colour coating fracture surfaces, infill in	506.80	508.00	brecc	55	s	Brecciated - 55tca upper contact. Light brown
							veins, groundmass does appear dark green/black						groundmass? With black biotite patches, white
							in localized areas.						stockwork veins (sericite) with 1-2cm blobs? Clasts?
							Strong biotite alteration throughout with black patches of						brown, mauve, grey - hard and soft.
							biotite. Often creating large intervals of dark black/brown	508.80		vn			Magnetic black veins with blebby Py, Cpy, Moly?

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			Chl?, Epi?. Veining makes up 20% of unit. Local qtz and calcite veins 30-75tca						specks, hard.
			Local magnetic black veins in localized areas, Py>Cpy>Moly associated.						
			Purple flourecent mineral (fluorite?) appearing in patches 10-15cm throughout unit, hard, non-magnetic.						
			Bedding/foliation is very weak to non-existent						
			504.41-508m heavy stockwork white veins, brittle and rock breaks easily on the veins creating sharp angular fractures . Fracture surfaces coated in sericite and deep emerald green colour, slickensides. Very broken throughout due to stockwork (heavy microdefects?)						
543.76	547.73	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite/Volcanic Intrusion?	543.76	547.73	1	tr		1% Py disseminated, veins?, trace Cpy? Diss vfg
			20-40cm intervals of the volcanic and feldspar porphyritic quartz monzonite						
			Volcanic is compositionally the same as above unit, local qtz/calcite veins						
			60-80tca. FPQM 80% feldspar with strong arg alt. Stockwork veining (white, ser?)						
			Py, Cpy? Trace, disseminated.						
547.73	578.40	Volc	Volcanic?	547.73	578.40	8	1		8% Py diss, veins. Fg-cg throughout.
			Same as described in above volcanic unit.						1% Cpy diss, veins - <1mm veinlets filled with Cpy
			Very fine grained, appears siliceous but quite soft, easily scratched. Tortoise						30-60tca (remobilized?)
			shell appearance with what appears to be yellow/brown groundmass? with						10-50cm purple patches (fluorite?) - <1mm purple
			black biotite patches throughout. Appears darker depending on the biotite						black shiny specks
			Intervals of blobs? Clasts? 1-2cm diameter, soft and hard, variety						Hm visible on veinlets <1%
			of colours light brown, mauve, smokey grey (qtz?, hard) - (572.20m)	577.80					Blebby Cpy on fracture surface
			Intervals 10-50cm of purple patches (fluorite?) in the brown/black groundmass						
			Major stockwork veining creating very weak, brittle rock. Breaks on the veins						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Sericite	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							solid groundmass with stockwork veining cutting through	514.45			20		often with qtz veins
								515.26	515.47				1-2cm thick veins
								525.55	525.82		10		
								511.68		vn			Deformed, vuggy qtz/carb vein with blebby Py>Cpy>Moly
								513.10		vn	30		Qtz veins with Py>Cpy>Moly?
								514.80		vn	45		Qtz veins with Py>Cpy>Moly? >1mm black metallic
								518					fibrous mineral throughout vein
								526.70		vn	50		Vuggy white calcite vein
								534		vn	47		Qtz? Vein with remobilized blebs of Cpy 1.5cm thick
								537.58	541.00	brecc			Similar to above brecciate zone, major deformation
													major stockwork veins cutting through.
													deep emerald green colour on veining, fracture
													surfaces.
								539.55		vn	25		Qtz/carb? vein with Py>Cpy green hue around white
													vein. Mineralization is remobilized, blebby. Vein 2cm
													thick. Leads into open joint with slickenside, cl infill
								541.11	543.76	bk			Major microdefects? Stockwork veins? (sericite?)
													appears like broken glass - very brittle, very weak,
								542.26	543.27	vn			Core-axis qtz vein with remobilized Py, Moly? Cpy?
													in centre. Black/white colour.
								543.28	543.60	bk		w	Broken zone with green/white fracture surfaces,
													slickensides.
543.76	547.73		vs		w		Strong arg alt replacing fs phenos with sericite. Weak						
							silica alt. Weak-moderate biotite alt in the volcanic						
547.73	578.40		vs	s			Very strong sericitic alt? throughout. Coats fracture	553.25	553.35	brecc	35	w	Cracked apperance, brecciated with 2-5 euhderal
							surfaces thoroughout 1-2mm thick, creating slickensides						clasts in light brown/purple matrix
							with deep emerald green mineral? Chl? Epi? Core has	547.73	578.40	vn	30-75	2	Local qtz, calcite veins, vuggy
							soapy, waxy feel where sericite is in abundance.					20	Stockwork white1-2mm veinlets (ser?, calcite?)
							Possilbe propylitic alteration with the deep emerald	555.20	556.20	bk		m	Moderately broken core with sericite coating fracture
							green mineral/colour coating fracture surfaces, infill in						surfaces
							veins, groundmass does appear dark green/black						
							in localized areas.	558.90	559.00			s	Black oval patch, moderately magnetic
							Strong biotite alteration throughout with black patches	573.80	574.00	int			intrusion? Of FPQM with 2-3mm fs phenos alt sericite

Lions Gate Metals

Hole ID: 11-PC-124			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			with fracture surfaces coated 1-2mm sericite and slickensides. Deep emerald green colour visible on fracture surfaces with sericite and visible in veins.						
			Chl?, Epi?. Veining makes up 20% of unit. Local qtz and calcite veins 30-75tca						
			Purple flourencent mineral (flouride?) appearing in patches 10-15cm throughout unit, hard, non-magnetic. (557-562m)						
			Bedding/foliation is very weak to non-existent						
			573.80m fs phenos appear alt by sericite						
578.40	580.40	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	578.40	580.40	tr	tr		Trace mineralization, diss
			Same as described in 543.76-547.73 unit.						Blebby Cpy near gouge at upper contact
580.40	599.54	Volc	Volcanic?	580.40	599.54	10	1	tr	10% Py diss, veins.
			Same as described in above volcanic units						0.5-1% Cpy, blebby @ 588.15-588.20 (veins?)
			586.15-587.06m intrusion/dyke of vfg, beige felsic? Dyke. Flattened fs? phenos						Trace Moly? with Py stringers, veins 596.30m
			20% of unit. Latter half of dyke has black stockwork veins (white? with black stain around them). Upper contact sharp 70tca, lower contact blobby?						
			590.10-594.15m light grey groundmass, major stockwork veining (sericite) causing						
			rock to be very brittle, fractured with sericite on fracture surfaces. Brecciated						
			appearance with white matrix, volcanic clasts. Major deformation. Lower						
			contact? Is faulted 45tca with 0.5mm gouge before core becomes competent						
			and darker (more biotite?)						

EOH @ 599.54m

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							often creating large intervals of dark black/brown solid groundmass with stockwork veining cutting through 10-50cm purple patches (fluorite) throughout with strong silica alt (556-562m)	575.90		vn	40	s	Brecciated vein- soft white matrix, 5mm subhedral clasts (groundmass?)
								576.72	577.63	ft	70		Upper contact 70tcs 15mm soft gouge leading into broken zone with consolidated gouge, rubble - brecciated. Very brittle rock with stockwork white veinlets - breaks on the veins. Mineralization throughout - Py, Cpy diss
								578.40		cn	35		Lower contact is sharp, faulted with 40cm gouge separating the units. Light grey, soft
578.40	580.40		vs				Strong phyllic alt replacing fs phenos with sericite.	579.59	579.60	vn	85		White qtz vein
								580.12	580.14	vn	55		Light grey matrix with 1-2mm clasts? Specks? (brecciated?)
								580.40		cn	25		Undulating contact
580.40	599.54						Same as described in 547.73-578.40m unit	586.15	587.06	int	70		Intrusion/dyke? Of feldspar? porphyritic? Dyke appears as if fs phenos have been flattened. vfg, beige. 586.55m stockwork veining (white? With black stain). Upper contact sharp 70tcs, lower contact gradational? Blobby?
								590.10	594.15	bk		w	Major microdefects? Stockwork veins? (sericite?) appears like broken glass - very brittle, very weak, Sericite coating on fracture surfaces, Py (massive), Cpy (diss). Gouge, cl infill on local jn surfaces
													594.15m 0.5mm gouge infill 45tca
										vn	45		qtz? with remobilized Py 10mm thick - appears brecciated

Hole ID: 11-PC-124		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
9.14	11.28	2.14	1.80	84	1.09	51		
11.28	14.33	3.05	2.86	94	0.42	14		
14.33	17.37	3.04	2.60	86	1.08	36		
17.37	20.42	3.05	3.15	103	1.09	36		
20.42	23.47	3.05	3.18	104	1.34	44		
23.47	26.52	3.05	3.00	98	1.76	58		
26.52	29.57	3.05	3.12	102	2.70	89		
29.57	32.61	3.04	3.00	99	2.77	91		
32.61	35.66	3.05	2.96	97	2.40	79		
35.66	38.71	3.05	3.05	100	2.64	87		
38.71	41.76	3.05	3.02	99	2.59	85		
41.76	44.81	3.05	3.00	98	2.62	86		
44.81	47.85	3.04	2.99	98	2.66	88		
47.85	50.90	3.05	3.05	100	1.49	49		
50.90	53.95	3.05	3.11	102	2.80	92		
53.95	57.00	3.05	2.99	98	1.75	57		
57.00	60.05	3.05	3.04	100	2.88	94		
60.05	63.09	3.04	3.09	102	2.47	81		
63.09	66.14	3.05	3.05	100	1.87	61		
66.14	69.19	3.05	2.83	93	1.11	36		
69.19	72.24	3.05	2.98	98	2.52	83		
72.24	75.29	3.05	3.10	102	1.34	44		
75.29	78.33	3.04	2.78	91	1.82	60		
78.33	81.38	3.05	3.13	103	1.93	63		
81.38	84.43	3.05	2.90	95	1.48	49		
84.43	87.48	3.05	3.03	99	2.76	90		
87.48	90.53	3.05	3.11	102	2.08	68		
90.53	93.57	3.04	3.07	101	2.76	91		
93.57	96.62	3.05	3.05	100	2.90	95		
96.62	99.67	3.05	3.00	98	2.78	91		
99.67	102.72	3.05	2.99	98	2.54	83		
102.72	105.77	3.05	3.04	100	2.76	90		
105.77	108.81	3.04	3.06	101	2.97	98		
108.81	111.86	3.05	3.03	99	2.92	96		
111.86	114.91	3.05	2.95	97	2.95	97		
114.91	117.96	3.05	3.04	100	3.04	100		
117.96	121.01	3.05	3.05	100	2.84	93		
121.01	124.05	3.04	3.03	100	2.85	94		
124.05	127.10	3.05	3.05	100	2.85	93		
127.10	130.15	3.05	3.03	99	2.68	88		
130.15	133.20	3.05	2.99	98	2.79	91		
133.20	136.25	3.05	2.99	98	2.65	87		
136.25	139.29	3.04	3.05	100	2.99	98		
139.29	142.34	3.05	3.03	99	2.63	86		
142.34	145.39	3.05	3.05	100	2.82	92		
145.39	148.44	3.05	3.06	100	3.00	98		
148.44	151.49	3.05	3.04	100	2.81	92		
151.49	154.53	3.04	3.04	100	2.99	98		
154.53	157.58	3.05	3.06	100	3.02	99		
157.58	160.63	3.05	3.04	100	2.87	94		
160.63	163.68	3.05	3.05	100	2.79	91		
163.68	166.73	3.05	3.02	99	2.96	97		
166.73	169.77	3.04	2.99	98	2.95	97		
169.77	172.82	3.05	3.05	100	2.12	70		
172.82	175.87	3.05	3.06	100	2.73	90		
175.87	178.92	3.05	3.02	99	2.58	85		
178.92	181.97	3.05	3.06	100	2.69	88		
181.97	185.01	3.04	2.98	98	2.53	83		
185.01	188.06	3.05	3.03	99	2.78	91		

Hole ID: 11-PC-124		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
188.06	191.11	3.05	3.02	99	2.58	85		
191.11	194.16	3.05	3.02	99	2.79	91		
194.16	197.21	3.05	2.99	98	2.70	89		
197.21	200.25	3.04	3.05	100	2.90	95		
200.25	203.30	3.05	3.05	100	2.97	97		
203.30	206.35	3.05	3.02	99	2.71	89		
206.35	209.40	3.05	3.03	99	2.75	90		
209.40	212.45	3.05	3.03	99	2.55	84		
212.45	215.49	3.04	2.92	96	2.25	74		
215.49	218.54	3.05	3.04	100	2.73	90		
218.54	221.59	3.05	2.98	98	2.90	95		
221.59	224.64	3.05	2.73	90	2.34	77		
224.64	227.69	3.05	3.10	102	2.83	93		
227.69	230.73	3.04	3.00	99	2.71	89		
230.73	233.78	3.05	2.95	97	2.43	80		
233.78	236.83	3.05	3.04	100	2.51	82		
236.83	239.88	3.05	3.00	98	2.94	96		
239.88	242.93	3.05	3.05	100	2.87	94		
242.93	245.97	3.04	2.96	97	2.80	92		
245.97	249.02	3.05	3.01	99	2.83	93		
249.02	252.07	3.05	2.96	97	2.66	87		
252.07	255.12	3.05	3.10	102	2.95	97		
255.12	258.17	3.05	3.04	100	2.74	90		
258.17	261.21	3.04	3.05	100	2.52	83		
261.21	264.26	3.05	2.94	96	2.94	96		
264.26	267.31	3.05	3.05	100	2.92	96		
267.31	270.36	3.05	3.08	101	2.77	91		
270.36	273.41	3.05	2.99	98	2.69	88		
273.41	276.45	3.04	3.06	101	3.06	101		
276.45	279.50	3.05	3.00	98	3.00	98		
279.50	282.55	3.05	3.05	100	2.89	95		
282.55	285.60	3.05	3.06	100	3.00	98		
285.60	288.65	3.05	2.96	97	2.48	81		
288.65	291.69	3.04	3.08	101	2.82	93		
291.69	294.74	3.05	3.03	99	2.79	91		
294.74	297.79	3.05	3.00	98	2.91	95		
297.79	300.84	3.05	3.02	99	2.62	86		
300.84	303.89	3.05	3.02	99	3.02	99		
303.89	306.93	3.04	3.11	102	2.86	94		
306.93	309.98	3.05	3.02	99	2.88	94		
309.98	313.03	3.05	2.98	98	2.76	90		
313.03	316.08	3.05	3.01	99	2.94	96		
316.08	319.13	3.05	3.04	100	2.37	78		
319.13	322.17	3.04	3.05	100	2.36	78		
322.17	325.22	3.05	2.98	98	2.27	74		
325.22	328.27	3.05	3.08	101	3.00	98		
328.27	331.32	3.05	3.02	99	2.80	92		
331.32	334.37	3.05	3.09	101	2.68	88		
334.37	337.41	3.04	3.02	99	2.80	92		
337.41	340.46	3.05	3.04	100	2.50	82		
340.46	343.51	3.05	3.00	98	2.74	90		
343.51	346.56	3.05	2.99	98	2.89	95		
346.56	349.61	3.05	3.05	100	2.89	95		
349.61	352.65	3.04	2.81	92	2.21	73		
352.65	355.70	3.05	3.01	99	2.91	95		
355.70	358.75	3.05	3.05	100	2.77	91		
358.75	361.80	3.05	2.99	98	2.55	84		
361.80	364.85	3.05	3.09	101	2.39	78		
364.85	367.89	3.04	2.99	98	2.77	91		

Hole ID: 11-PC-124		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
367.89	370.94	3.05	3.00	98	2.92	96		
370.94	373.99	3.05	3.03	99	3.03	99		
373.99	377.09	3.10	2.95	95	2.35	76		
377.09	380.09	3.00	2.91	97	2.64	88		
380.09	383.13	3.04	3.07	101	2.61	86		
383.13	386.18	3.05	3.00	98	2.90	95		
386.18	389.23	3.05	3.07	101	2.81	92		
389.23	392.28	3.05	3.06	100	2.65	87		
392.28	395.33	3.05	3.09	101	2.97	97		
395.33	398.37	3.04	2.99	98	2.79	92		
398.37	401.42	3.05	2.96	97	2.88	94		
401.42	404.47	3.05	3.02	99	2.67	88		
404.47	407.52	3.05	2.99	98	2.87	94		
407.52	410.57	3.05	3.05	100	2.92	96		
410.57	413.61	3.04	3.08	101	2.90	95		
413.61	416.66	3.05	3.04	100	3.04	100		
416.66	419.71	3.05	3.06	100	2.70	89		
419.71	422.76	3.05	3.04	100	2.62	86		
422.76	425.81	3.05	3.02	99	2.60	85		
425.81	428.85	3.04	2.97	98	1.75	58		
428.85	431.90	3.05	3.04	100	2.75	90		
431.90	434.95	3.05	3.00	98	2.16	71		
434.95	438.00	3.05	3.02	99	2.25	74		
438.00	441.05	3.05	3.06	100	2.78	91		
441.05	444.09	3.04	3.05	100	2.55	84		
444.09	447.14	3.05	2.98	98	2.72	89		
447.14	450.19	3.05	3.04	100	2.92	96		
450.19	453.24	3.05	3.02	99	2.87	94		
453.24	456.29	3.05	2.97	97	2.42	79		
456.29	459.33	3.04	3.02	99	2.91	96		
459.33	462.38	3.05	2.99	98	2.92	96		
462.38	465.43	3.05	3.01	99	2.53	83		
465.43	468.48	3.05	3.05	100	2.80	92		
468.48	471.53	3.05	2.98	98	2.68	88		
471.53	474.57	3.04	2.93	96	2.46	81		
474.57	477.62	3.05	3.02	99	2.65	87		
477.62	480.67	3.05	3.10	102	2.70	89		
480.67	483.72	3.05	2.94	96	2.70	89		
483.72	486.77	3.05	3.06	100	2.34	77		
486.77	489.81	3.04	2.97	98	2.47	81		
489.81	492.86	3.05	3.05	100	2.35	77		
492.86	495.91	3.05	3.11	102	2.71	89		
495.91	498.96	3.05	3.09	101	2.93	96		
498.96	502.01	3.05	3.07	101	2.95	97		
502.01	505.05	3.04	3.01	99	2.53	83		
505.05	508.10	3.05	3.12	102	1.71	56		
508.10	511.15	3.05	3.05	100	1.39	46		
511.15	514.20	3.05	3.00	98	2.67	88		
514.20	517.25	3.05	3.10	102	2.57	84		
517.25	520.29	3.04	3.01	99	2.92	96		
520.29	523.34	3.05	3.02	99	2.74	90		
523.34	526.39	3.05	2.97	97	2.43	80		
526.39	529.44	3.05	3.05	100	2.42	79		
529.44	532.49	3.05	2.98	98	2.56	84		
532.49	535.53	3.04	3.02	99	2.83	93		
535.53	538.58	3.05	3.02	99	2.83	93		
538.58	541.63	3.05	3.00	98	2.37	78		
541.63	544.68	3.05	2.99	98	2.48	81		
544.68	547.73	3.05	2.98	98	2.58	85		

Hole ID: 11-PC-124		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
547.73	550.77	3.04	2.95	97	1.65	54		
550.77	553.82	3.05	3.01	99	1.55	51		
553.82	556.87	3.05	3.08	101	1.62	53		
556.87	559.92	3.05	3.14	103	1.98	65		
559.92	562.97	3.05	2.96	97	2.35	77		
562.97	566.01	3.04	3.07	101	2.75	90		
566.01	569.06	3.05	3.09	101	2.97	97		
569.06	572.11	3.05	2.94	96	2.94	96		
572.11	575.16	3.05	3.05	100	2.75	90		
575.16	578.21	3.05	3.05	100	2.07	68		
578.21	581.25	3.04	3.10	102	2.81	92		
581.25	584.30	3.05	3.03	99	2.37	78		
584.30	587.35	3.05	2.99	98	2.11	69		
587.35	590.40	3.05	2.99	98	2.79	91		
590.40	593.45	3.05	3.03	99	1.46	48		
593.45	596.49	3.04	2.99	98	2.35	77		
596.49	599.54	3.05	2.99	98	2.51	82	EOH	

Hole ID: 11-PC-124		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047482	9.14	12.14	3.00		1				
1047483	12.14	15.14	3.00		1-2				
1047484	15.14	18.14	3.00		2-3				
1047485	18.14	21.14	3.00		3				
1047486	21.14	24.14	3.00		3-4				
1047487	24.14	27.14	3.00		4-5				
1047488				Blank					
1047489	27.14	30.14	3.00		5-6				
1047490	30.14	33.14	3.00		6				
1047491	33.14	36.14	3.00		6-7				
1047492	36.14	39.02	2.88		7-8				
1047493	39.02	41.76	2.74		8				
1047494	41.76	44.76	3.00		8-9				
1047495	44.76	47.76	3.00		9				
1047496	47.76	49.42	1.66		9-10				
1047497	49.42	50.90	1.48		10				
1047498	50.90	53.20	2.30		10-11				
1047499	53.20	55.32	2.12		11				
1047500	55.32	58.30	2.98		11-12				
1047501	58.30	60.95	2.65		12-13				
1047502				Std CM-8					
1047503	60.95	63.95	3.00		13				
1047504	63.95	66.95	3.00		13-14				
1047505	66.95	69.95	3.00		14-15				
1047506	69.95	72.95	3.00		15				
1047507	72.95	75.95	3.00		15-16				
1047508	75.95	78.95	3.00		16-17				
1047509	78.95	81.95	3.00		17-18				
1047510	81.95	84.95	3.00		18				
1047511	84.95	87.95	3.00		18-19				
1047512	87.95	90.95	3.00		19-20				
1047513	90.95	92.17	1.22		20				
1047514	90.95	92.17	1.22	Duplicate	20				
1047515	92.17	95.17	3.00		20				
1047516	95.17	98.17	3.00		20-21				
1047517	98.17	101.17	3.00		21-22				
1047518	101.17	104.17	3.00		22-23				
1047519	104.17	107.17	3.00		23				
1047520	107.17	110.17	3.00		23-24				
1047521	110.17	113.17	3.00		24-25				
1047522	113.17	115.00	1.83		25				
1047523	115.00	117.00	2.00		25				
1047524	117.00	120.00	3.00		25-26				
1047525	120.00	123.00	3.00		26-27				
1047526	123.00	126.00	3.00		27				
1047527				Blank					
1047528	126.00	128.50	2.50		27-28				
1047529	128.50	131.50	3.00		28-29				
1047530	131.50	134.50	3.00		29				
1047531	134.50	137.50	3.00		29-30				
1047532	137.50	140.50	3.00		30				
1047533	140.50	143.50	3.00		31				
1047534	143.50	145.00	1.50		31				
1047535	145.00	148.00	3.00		31-32				
1047536	148.00	151.00	3.00		32-33				
1047608	151.00	154.00	3.00		33	1047537 tag ripped off box, lost in snow			
1047538	154.00	157.00	3.00		33-34				
1047539	157.00	160.00	3.00		34-35				

Hole ID: 11-PC-124		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047540	160.00	163.00	3.00		35				
1047541				Std FCM-7					
1047542	163.00	166.00	3.00		35-36				
1047543	166.00	169.00	3.00		36-37				
1047544	169.00	172.00	3.00		37				
1047545	172.00	175.00	3.00		37-38				
1047546	175.00	178.00	3.00		38-39				
1047547	178.00	181.00	3.00		39-40				
1047548	181.00	184.06	3.06		40				
1047549	184.06	187.06	3.00		40-41				
1047550	187.06	190.06	3.00		41-42				
1047551	190.06	192.00	1.94		42				
1047552	190.06	192.00	1.94	Duplicate	42				
1047553	192.00	193.76	1.76		42				
1047554	193.76	195.82	2.06		42-43				
1047555	195.82	197.38	1.56		43				
1047556	197.38	199.50	2.12		43-44				
1047557	199.50	202.35	2.85		44				
1047558	202.35	205.54	3.19		44-45				
1047559	205.54	207.48	1.94		45				
1047560	207.48	210.48	3.00		45-46				
1047561	210.48	213.48	3.00		46-47				
1047562	213.48	216.48	3.00		47				
1047563	216.48	219.48	3.00		47-48				
1047564				Blank					
1047565	219.48	221.59	2.11		48				
1047566	221.59	224.59	3.00		49				
1047567	224.59	227.59	3.00		49-50				
1047568	227.59	230.59	3.00		50-51				
1047569	230.59	233.59	3.00		51				
1047570	233.59	235.78	2.19		51-52				
1047571	235.78	238.78	3.00		52				
1047572	238.78	241.78	3.00		52-53				
1047573	241.78	244.50	2.72		53-54				
1047574	244.50	247.50	3.00		54				
1047575	247.50	250.50	3.00		54-55				
1047576	250.50	253.50	3.00		55-56				
1047577	253.50	256.50	3.00		56				
1047578	253.50	256.50	3.00	Duplicate	56				
1047579	256.50	258.73	2.23		56-57				
1047580	258.73	259.50	0.77		57				
1047581	259.50	262.50	3.00		57-58				
1047582	262.50	265.50	3.00		58				
1047583	265.50	268.50	3.00		58-59				
1047584	268.50	271.50	3.00		59-60				
1047585	271.50	273.35	1.85		60				
1047586	273.35	276.35	3.00		60-61				
1047587	276.35	279.35	3.00		61				
1047588	279.35	282.35	3.00		61-62				
1047589	282.35	285.35	3.00		62-63				
1047590	285.35	288.35	3.00		63				
1047591	288.35	290.04	1.69		63-64				
1047592	290.04	292.34	2.30		64				
1047593	292.34	295.34	3.00		64-65				
1047594				Std FCM-7					
1047595	295.34	298.34	3.00		65-66				
1047596	298.34	301.34	3.00		66				
1047597	301.34	304.34	3.00		66-67				

Hole ID: 11-PC-124		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047598	304.34	307.34	3.00		67-68				
1047599	307.34	310.34	3.00		68				
1047600	310.34	313.34	3.00		68-69				
1047601	313.34	316.34	3.00		69-70				
1047602	316.34	319.34	3.00		70				
1047603	319.34	322.34	3.00		70-71				
1047604	322.34	325.34	3.00		71-72				
1047605	325.34	328.34	3.00		72				
1047606				Blank					
1047607	328.34	331.34	3.00		72-73	1047537 tag ripped off box			
1047609	331.34	334.34	3.00		73-74	1047608 replaced missing tag			
1047610	334.34	337.34	3.00		74				
1047611	337.34	340.34	3.00		74-75				
1047612	340.34	343.34	3.00		75-76				
1047613	343.34	346.34	3.00		76				
1047614	346.34	349.34	3.00		76-77				
1047615	349.34	351.00	1.66		77				
1047616	351.00	352.02	1.02		77				
1047617	352.02	355.02	3.00		77-78				
1047618	355.02	358.02	3.00		78-79				
1047619	358.02	360.53	2.51		79				
1047620	360.53	361.72	1.19		79-80				
1047621	361.72	363.95	2.23		80				
1047622	363.95	365.95	2.00		80-81				
1047623	365.95	367.89	1.94		81				
1047624	367.89	370.89	3.00		81-82				
1047625	370.89	373.89	3.00		82				
1047626	373.89	376.35	2.46		82-83				
1047627	376.35	377.80	1.45		83				
1047628	377.80	380.20	2.40		83-84				
1047629				Std Mos-1					
1047630	380.20	383.00	2.80		84				
1047631	383.00	386.00	3.00		84-85				
1047632	386.00	386.80	0.80		85				
1047633	386.80	389.80	3.00		85-86				
1047634	389.80	392.80	3.00		86-87				
1047635	392.80	395.80	3.00		87				
1047636	395.80	398.80	3.00		87-88				
1047637	398.80	401.14	2.34		88				
1047638	401.14	403.72	2.58		88-89				
1047639	403.72	406.72	3.00		89-90				
1047640	403.72	406.72	3.00	Duplicate	89-90				
1047641	406.72	409.72	3.00		90				
1047642	409.72	412.72	3.00		90-91				
1047643	412.72	415.72	3.00		91-92				
1047644	415.72	418.58	2.86		92				
1047645	418.58	421.58	3.00		92				
1047646	421.58	424.58	3.00		92-93				
1047647	424.58	427.58	3.00		93-94				
1047648	427.58	430.58	3.00		94				
1047649	430.58	432.03	1.45		94-95				
1047650	432.03	435.03	3.00		95				
1047651	435.03	438.03	3.00		95-96				
1047652				Blank					
1047653	438.03	441.03	3.00		97				
1047654	441.03	444.03	3.00		97-98				
1047655	444.03	447.03	3.00		98-99				
1047656	447.03	450.03	3.00		99				

Hole ID: 11-PC-124		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047657	450.03	452.90	2.87		99-100				
1047658	452.90	454.30	1.40		100				
1047659	454.30	457.04	2.74		100-101				
1047660	457.04	460.04	3.00		101-102				
1047661	460.04	463.04	3.00		102				
1047662	463.04	466.04	3.00		102-103				
1047663	466.04	468.00	1.96		103				
1047664	468.00	469.71	1.71		103-104				
1047665	469.71	472.74	3.03		104				
1047666	472.74	474.47	1.73		104-105				
1047667				Std CGS-27					
1047668	474.47	477.47	3.00		105				
1047669	477.47	480.47	3.00		105-106				
1047670	480.47	483.47	3.00		106-107				
1047671	483.47	486.47	3.00		107				
1047672	486.47	489.47	3.00		107-108				
1047673	489.47	492.47	3.00		108-109				
1047674	492.47	495.47	3.00		109				
1047675	495.47	498.47	3.00		109-110				
1047676	498.47	501.47	3.00		110-111				
1047677	501.47	504.41	2.94		111				
1047678	504.41	507.41	3.00		112				
1047679	507.41	510.41	3.00		112-113				
1047680	507.41	510.41	3.00	Duplicate	112-113				
1047681	510.41	513.41	3.00		113-114				
1047682	513.41	516.41	3.00		114				
1047683	516.41	519.41	3.00		114-115				
1047684	519.41	522.41	3.00		115-116				
1047685	522.41	525.41	3.00		116				
1047686	525.41	528.41	3.00		116-117				
1047687	528.41	531.41	3.00		117-118				
1047688	531.41	534.41	3.00		118				
1047689	534.41	537.41	3.00		118-119				
1047690	537.41	540.41	3.00		119-120				
1047691	540.41	542.00	1.59		120				
1047692	542.00	543.76	1.76		120				
1047693	543.76	546.00	2.24		120-121				
1047694	546.00	547.73	1.73		121				
1047695				Blank					
1047696	547.73	550.73	3.00		121-122				
1047697	550.73	553.73	3.00		122-123				
1047698	553.73	556.73	3.00		123				
1047699	556.73	559.73	3.00		123-124				
1047700	559.73	562.73	3.00		124-125				
1047701	562.73	565.73	3.00		125				
1047702	565.73	568.73	3.00		125-126				
1047703	568.73	571.73	3.00		126-127				
1047704	571.73	574.73	3.00		127				
1047705	571.73	574.73	3.00	Duplicate	127				
1047706	574.73	576.75	2.02		127-128				
1047707	576.75	578.40	1.65		128				
1047708	578.40	580.40	2.00		128-129				
1047709	580.40	583.40	3.00		129				
1047710	583.40	586.15	2.75		129-130				
1047711	586.15	587.06	0.91		130				
1047712	587.06	590.10	3.04		131				
1047713				Std CM-11A					
1047714	590.10	592.00	1.90		131				

Hole ID: 11-PC-124		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047715	592.00	594.15	2.15		131-132				
1047716	594.15	597.15	3.00		132-133				
1047717	597.15	599.54	2.39		133				
EOH									

2011 Poplar Drilling

Hole ID: 11-PC-125	Easting (NAD 83): 632573	Core Size: NQ	DDH Started: Nov. 12, 2011
	Northing (NAD 83): 5987054	Hole Azimuth: 180	DDH Finished: Nov. 14, 2011
Property: Poplar Deposit	Elevation: 916	Hole Angle: -50	Log Completed: Nov. 16, 2011
	Source: GPS	Total Depth: 252.07m	Analysis by: ACME

Logged by: JW
Geotechnician: JW
Geotech type: Basic

Dip & Azimuth Tests		
Depth	Azimuth	Dip
0.00	180.0	-50.0
102.74	184.9	-49.1
200.30	190.2	-47.0
252.07	191.9	-46.4

<p>Summary:</p> <p>11-PC-125 consists of a variety of dykes with a few Variably Altered Feldspar Porphyritic Quartz Monzonite units. Intermediate? Feldspar Porphyritic? Dykes were seen throughout the hole and altered between a mafic (maroon) groundmass to a felsic (light olive green) groundmass. Weak foliation observed with fs phenos which were clay altered, sausseritized and ksp? altered to a pink (hm?). Sericite was on 40% of fracture surfaces and as stockwork veining. Trace mineralization was detected, mainly as disseminated Py on local quartz veins. Breccia was extensive throughout the dykes from 127-252.07m, consisiting of dark grey/black matrix with a variety of clasts, rounded to angular, soft to hard. 90% of the contacts between the breccia and dykes were sharp. 1-2% Py was disseminated in the breccia, particularly with the quartz clasts. Faulting was evident throughout the hole with consolidated gouge, cl, rubble encompassing entire whole rock pieces and as infill between fractures. The pupose of 11-PC-125 was to close the 0.10g/t gold grade shell on the northeast and collar in <0.10% Cu. It was also to retest a short high grade Cu-Au zone in PC-35.</p>

Lions Gate Metals

[illegible]

Lions Gate Metals

[illegible]

Lions Gate Metals

Hole ID: 11-PC-125			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
37.22	39.88	Int Dyke	Intermediate? Feldspar? Porphyritic? Mafic? Dyke	38.94	39.14	0.5			Diss Py in highly altered quartz monzonite
			Same as described in first unit. Weaker foliation/bedding.						
			15cm bleached after upper contact becoming maroon.						
			Fs phenos 2-6mm anhedral predominantly altered by ksp?. Qtz phenos						
			visible but few. <1% Biotite as 1-2mm phenos						
			Local 1-4mm white veining (sericite, calcite).						
			38.78-38.94m bleached, fs phenos indistinct, vfg, pink/red phenos						
			deformed. 38.94-39.14m gradational, undulating contact.						
			QM has pervasive propylitic alteration with vs sausseritization.						
			Groundmass is dark green. Diss Py						
			39.14m-39.98 maroon dyke becoming bleached towards lower contact						
39.88	66.64	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	39.88	66.64	3-4	tr		3-4% diss Py, veins, remobilized in qtz veins
			Medium grained, light grey groundmass. 40% of unit is 2-7mm subhedral						Blebs in brecciated units
			fs phenos, altered to clay, sericite. Non-magnetic, easily scratched						Trace Cpy associated mainly in strong potassic
			Stockwork black sooty veinlets (Py?), local calcite veins 15tca.						alt. Also visible on margins of black sooty
			Core-axis qtz veins with diss Py. Jn infill of gouge, cl throughout creating						veins (Py?) with <1mm cl infill when opened
			slickensides.						fracture
			1-2m intervals of moderate potassic alt, weak propylitic alt.						
			3-4% Py diss, veins, remobilized along qtz veins. Trace diss Cpy						
			dominantly in the potassic alt.						
			39.88-40.04m, 51.85-52.15m, 61.78-61.98m brecciated intrusions?						
			similar to above brecciated units. Blebby Py throughout.						
			Medium-dark grey matrix with soft/hard red/brown, grey subrounded						
			clasts. Sharp contact between brecc and FPQM 55tca						
66.64	90.64	Int Dyke	Intermediate? Feldspar? Porphyritic? Dyke	66.64	90.64	3	tr		3% diss Py, veins, remobilized? im qtz veins
			Compositionally the same as above dyke units.						Trace Cpy associated with veining
			Medium grained with strong propylitic? alteration? causing						
			groundmass to have a dark green appearance. Intervals of pink/						
			red overriding the green - potassic? Hm?. 50-60% fs phenos, 2-7mm						
			anhedral dominantly altered to clay with weaker sericitic alt. Where						
			the gm has pink/red hue, fs phenos appear pink, with some having a						
			single red dot in core - ksp?, hm?. 2% biotite phenos 1-2mm subrounded						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
37.22	39.88	m	w	w		s	Bleached intervals of host rock. Fs phenos	37.55		vn	15	s	4mm calcite vein
							altered by moderate arg alt and moderate	38.94	39.14	int		m	Gradational contact into qtz monz intrusion?
							potassic. Sericite veins 30-50tca						Diss py, strong sausseritization
38.94	39.14						vs propylitic alt with sausseritization of	39.20		vn	5	w	Opened vein with sericite coating
							fs phenos. Groundmass a dark green	38.22		cn	50	w	Sharp, faulted contact 10mm gouge, cl
39.55	39.88						Strong potassic with fs replaced by ksp?						
							Last 10cm groundmass a dull green -						
							propylitic alt?, fs phenos pink						
								39.88	66.64	vn		10	Stockwork black sooty veins (Py?)
39.88	66.64	m				m	Arg alt is dominant alteration in the unit.					5	Local black sooty veins 60tca, local calcite veins
							1-2m intervals of moderate potassic and						30tca, vuggy, Su stringers 20-50tca
							a weak propylitic alt with weak	39.88	40.04	brecc		s	Similar to above breccia units
							sausseritization of phenos. Cpy diss in	43.82	43.87m	vn		s	Vuggy calcite vein with diss Py, gouge, cl 10mm
							potassic alt						infill on Jn surface following vein
							Becomes progressively propylitically altered at	45.40	45.45	bk		w	Broken zones with gouge, cl infill on fracture
							62-66.64m groundmass medium grey/green	45.90	46.26	bk		w	surfaces. Core axis breaks along with irregular
								49.38	50.41	bk		w	angular breaks. 20tca avg break with gouge infill
								53.25	53.35	bk		w	
								48.88		vn	35		Black sooty vein (Py?) with Py>Cpy>Hm
								51.85	59.14	brecc			Similar to above breccia units
								54.54	54.62	ft	40		Soft consolidated gouge, rubble
								60.27	60.84	jn			Core axis break with 10mm gouge, cl, rubble infill
								61.78	61.98	brecc			similar to above brecc. Units
								64.18	64.22	ft/jn	74		Black gouge?, cl infill with black banding leading up
													to jn
								66.64		cn			Undulating, gradational? Contact
66.64	90.64	s	w	w	m	?	Possible vs propylitic alt giving the ground	66.78	67.02	ft?	25, 50	s	Consolidated, hard gouge?, clasts infill?
							mass it's dark green colour. Intervals of	71.24	71.34	bk		s	Broken zones, some fractured surfaces coated
							pink/red hue overriding the green, appears	71.65	71.85	bk			with sericite, slickensides.
							to wash over fs phenos turning them pink,	77.18	77.28	bk			
							some with red dot in core - ksp?, hm?	78.90	79.28	jn			Core-axis break, fs phenos visible on fractured
							Fs phenos are mainly affected by arg alt						surface, green colour gm
							with weaker sericitic.	84.50	85	vn			Calcite vn running along core-axis (closed)
							local sericite veining 30-60tca with sericite	85.15	85.16	vn	25	s	Vuggy calcite vein. Black<1mm metallic speck

Lions Gate Metals

Hole ID: 11-PC-125			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
			White 1-10mm veins - sericite, calcite, stockwork grey 1mm veins py?, qtz?. 65cm before lower contact bleached? Light grey/green colour.						
			3% Py diss, veins, trace diss Cpy, usually associated with veining						
90.64	100	Qtz Mnz	Feldspar Porphyritic Quartz Monzonite	90.64	100	5	tr		5% Py fg, disseminated, veins
			Medium grained, light grey/green groundmass. Fs phenos very faint to indistinct. Appears to have a vs propylitic alteration overriding original texture.						Trace Cpy associated with veining
			90.65-92.20m beige/yellow with black patches - sericite?, biotite? before becoming grey/green with black patches (Py?, biotite?)						
			5% Py fg disseminated, trace Cpy associated with veining						
			98.50-100m brecciated, similar to above brecciated units. Black/grey matrix with 5-40mm clasts, light brown, grey, beige, soft and hard, round to angular shaped						
100	119.03	Int Dyke	Intermediate? Feldspar? Porphyritic? Mafic? Dyke	100	119.03				No observable mineralization
			Compositionally the same as above dyke units. Groundmass is red/purple with bleached intervals. Fs phenos 2-10mm anhedral clay altered, possibly ksp? altered or hm? stained.						
			101.67-101.95m green groundmass with orange/bleached blobs throughout - FPQM? Intruding?						
			109.31-109.66m fs phenos indistinct with mauve/purple/pink colour vuggy, bleached						
			111.20-114.91m intervals of bleached and purple/red colour fs phenos red - ksp? altered or hm? stained. Black 5mm clasts in localized areas - qtz? Biotite?						
			114.91-115.28m bleached? Beige, fine grained with black/grey 2-10mm clasts round to angular - qtz? very hard						
			115.28-117.44m same as described in 111.20-114.91m interval						
			117.44-117.67m fault?/shear zone? with very weak vuggy rock, heavy microdefects, consolidated gouge matrix with host rock as clasts in gouge. Upper contact 40tca cl, gouge infill, lower contact						

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
							on fracture surfaces, creating slickensides						streaks brown/red around margin
								90	90.65				Light olive green with brown/red streaks before
													lower contact
								66.64	90.64	vn		2	Local white 1-2mm sericite veins, local 2-10mm
													calcite veins. Stockwork grey veins - py?, qtz?
90.64	100		w		m		vs propylitic alteration with moderate	90.75	90.84	int	30		Original texture obliterated, dark green solid
							silica alt. Groundmass grey/green colour						dyke? Intrusion?, Cpy visible on margins
							fs phenos faint to indistinct.	92.20		cn	25	s	Contact between yellow/black texture and grey/
90.64	92.20						beige/yellow with black patches						green texture. Definite alteration change
							ser?, arg?, feldspar?	92.85		jn	25		0.5mm gouge, cl infill
							Sharp contact between alteration change	93.95		vn	40		Qtz/py vein 0.5mm
							25tca	95.23	95.96	jn		w	Core-axis break, 1mm calcite coating
								98.50	100	brecc	50, 60	s	Brecciated dyke? Intrusion? Similar to above
													breccia units. Grey/black matrix with 5-40mm
													clasts, round to angular, soft, hard. Calcite veins
													throughout, deformed.
												w	Contacts are not sharp, undulating
								99.85	100				Grey translucent blob - qtz?, hard, with black
													blobs, highly magnetic with hm specks.
100	119.03	s				?	Possible potassic? alt giving dyke it's purple/	101.67	101.95	int		s	gradational contact, possible intrusion? of
							red colour or hm? Bleached intervals						FPQM, propylitically altered - green groundmass
							throughout.	109.31	109.66				Mauve/purple/pink colour, bleached where
							Fs phenos arg altered with possible ksp?						vuggy - calcite?
							alt or hm stained - pink hue over phenos	111.20	114.91				Intervals of bleached and purple/red colour, fs
101.67	101.95						FPQM? Intrusion, propylitic alteration						phenos indistinct where bleached.
							green groundmass	114.91	115.28				Bleached? Fg, beige with black, hard 2-10mm
													clasts rounded to angular.
								100	119.03	vn	60-80	2	Local white 2mm veins - sericite, calcite
													60-80tca
								117.40		vn		w	Vuggy calcite blob
								117.44	117.67	ft	40, 35	w	Faulted, vuugy, heavy microdefects, 117.60m
													consolidated gouge with clasts from host rock
													lower contact sharp, upper contact gouge, cl
													infill
								119.03		cn	40		119-119.03m orange coloured - bleached?
													sharp, faulted/sheared? Contact

Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
119.03	127.10	vs			w		vs arg alt with fs phenos clay altered.	119.03	127.10				Vuggy, heavy mircodefects throughout unit. Cl/
							Possible propylitic alteration causing						gouge? Infill on 50% jn surfaces.
							host rock to be green coloured.						Local white carbonate - calcite? Veins
							Possible potassic? Alt or hm? With pink/red	124.71	125.53	int			Gradational contact into quartzeye rhyolite dyke
							patches over green. <1% fs phenos a pink/						peach coloured, fine grained. 20% qtz phenos
							red colour						1-3mm rounded, 20-30% fs phenos, subhedral
124.71	125.53						Very weak silica - qtz phenos in quartzeye						clay altered. Moderate microdefects
							rhyolite dyke						
127.10	151.29	vs		w	w		Fs phenos dominantly clay altered in IFPD	129.22	131.75				IFPD intervals. Irregular to sharp contacts
							Weak propylitic? alt with groundmass	135.75	136.25				Black stockwork veining, fs phenos alt to clay
							light olive green in IFPD. Ksp? altered fs	136.90	137.76				light olive green groundmass. Pieces of IFPD
							phenos - red dot in core (hm?)	143.85	145.46				in brecciated units 10-30cm. No visible
							Sausseritization visible in brecciated core	146.15	146.65				mineralization in IFPD. Faulted with 10cm infill
							with fs phenos, gouge is green coloured	149.70	150.10				of gouge, cl throughout on jn surfaces and as
							in places (129.22m). Qtz, biotite phenos						closed jn running along core-axis
							visible in brecciated core 1-3mm	127.10	151.19				Brecciated core dark grey/black matrix with
							subrounded						variety of clasts 2-100mm, round-anguar, soft-hard
													Pieces of above IFPD unit in breccia with the
													other clasts. Trace diss Py visible in breccia,
													Cpy? Heavy microdefects with vuggy, gouge/cl
													filled intervals with clasts embedded in the
													gouge/cl. Gouge is green coloured in places
													with sausseritization? Visible in the matrix
								128.43	128.58	ft	43	w	Gouge, cl, rubble infill
								128.58	129.79	ft		w	Core-axis infill of 10mm green/grey gouge, cl,
													rubble
								130.58	130.62	jn	35	w	15mm hard consolidated gouge, cl, rubble
								131.15	131.19	bk		m	Broken zone
								132.29	132.35	bk		m	Broken zone
								133.42	133.70	sh/ft?		w	Vuggy, gouge matrix with clasts embedded

Lions Gate Metals

Hole ID: 11-PC-125			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
151.19	158.50	Rhyo Dyke	Quartzeye Rhyolite Dyke	151.19	158.50				No observable mineralization
			Fine grained, light brown/peach coloured groundmass. 40% 1-2mm						
			qtz phenos, smokey grey, hard, rounded. 20% fs phenos 2-4mm						
			subhedral, clay altered and sausseritized. Moderately broken						
			throughout, stockwork black sooty veins. Pitted where qtz phenos						
			have been weathered?						
158.50	163.68	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	158.50	163.68	1	tr?		1% Py diss, veins
			Highly altered unit, fs phenos altered by Ksp, sausseritization.						
			Medium grained, with black patches 2-10mm throughout - bio?, chl?,						
			py?, alt fs? Moderate potassic alt with groundmass pink/grey to						
			160.93m and then changes to grey/green with small pink patches						
			Moderate propylitic alt with emerald green phenos and emerald green						
			groundmass following veining. Stockwork black veining, local calcite						
			veins 10-30tca. Gouge, cl infill on select open fractures. 1% diss Py,						
			also veining. Trace Cpy?. Hm visible along black veining						
163.68	173.08	Int Dyke	Brecciated Intermediate? Feldspar? Porphyritic? Dyke	163.68	173.08	tr			Trace diss Py in breccia
			Same as described. 1-2m intervals of breccia and IFPD.						
			Breccia is compostionally the same as above breccia units. More						
			sausseritization present as 5-10mm clasts, green hue over groundmass						
			Diss Py associated with the breccia						
			IFPD light brown/green, medium grained. Fs phenos clay altered						
			with weak-moderate potassic alt? Red/pink hue/core. Bio phenos						
			1-2mm subrounded 1% in IFPD.						
			Breccia/IFPD contacts range from blobby to sharp.						
			Black stockwork veining throughout, local calcite veins with black						
			margins.						

Lions Gate Metals

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Lions Gate Metals

Hole ID: 11-PC-125			Description	Mineralization					
Depth (m)		Litho		Depth		%	%	%	Comments
From	To	Code		From	To	Py	Cpy	Mo	
173.08	176.54	Int Dyke	Intermediate? Feldspar? Porphyritic? Dyke	173.08	176.54	tr			Trace diss Py in breccia
			Same as described. Fine-medium grained, maroon groundmass						
			becoming bleached 40cm towards lower contact. 30-40% fs phenos						
			2-8mm anhedral. Moderate potassic? alt or hm staining with fs						
			phenos pink/red. 1-2mm subrounded biotite phenos						
			Stockwork black, white veins, weak foliation						
			176.41-176.54m brecciated unit same as described above. Dark grey/						
			black groundmass, round-angular clasts.						
176.54	179.65	Qtz Mnz	Variably Altered Feldspar Porphyritic Quartz Monzonite	176.54	177.28	1-2	tr		1-2% diss Py, veins
			Same as described in above VAFPQM.	178.29	179.65				Trace Cpy around qtz veins and diss with Py
			176.54-177.28m, 178.29-179.65m altered quartz monzonite with						in both potassic and propylitic alt
			intrusion of Intermediate? Feldspar? Porphyritic? Dyke @ 177.28-	177.28	178.29				No observable mineralization
			178.29m						
			VAFPQM - weak potassic alt with light brown/grey groundmass						
			fs phenos unaffected. Dominantly clay altered 2-6mm anhedral						
			phenos. Weak propylitic alt overriding? the potassic with intervals						
			of grey/green groundmass and sausseritization visible in phenos.						
			Stockwork qtz veins with Py, Cpy, Hm. Stockwork 3-4mm white calcite						
			veins with black margins. 176.54-176.59m faulted contact with						
			grey/pink/green gouge, rubble cl 48tca. 1-2% Py diss, trace diss Cpy						
			around qtz veins, in both potassic and propylitic alt.						
			IFQD - same as 173.08m unit, maroon coloured, 10% of the fs phenos						
			ksp? alt - pink, the rest are clay altered. 177.80m 5cm brecciated						
			intrusion, same as above breccias						
179.65	194.92	Rhyo Dyke	Quartzeye Rhyolite Dyke	179.65	193.94				No observable mineralization
			Same as described	194.37	194.92				No observable mineralization
			Fine grained, light brown/peach coloured groundmass. 40% 1-2mm	193.94	194.37	tr			Trace diss Py
			qtz phenos, smokey grey, hard, rounded. 20% fs phenos 2-4mm						
			subhedral, clay altered and sausseritized. Moderately broken						
			throughout, 5% stockwork/local black sooty veins. Pitted where qtz phenos						
			have been weathered?						
			193.94-194.37m quartz monzonite? Intrusion.						
			light grey groundmass, fs phenos 2-5mm euhedral, clay altered, faint						
			1-2mm biotite phenos. Weak propylitic alt with slight green						
			appearance, 10% fs phenos sausseritized. Trace diss Py throughout						

Lions Gate Metals

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Lions Gate Metals

[illegible]

Lions Gate Metals

Alteration Scale: vw-w-m-s-vs								Structure					
Depth		2 nd	Serici	2 nd	2 nd	2 nd	Comments	Depth			Angle	% or	Comments
From	To	Clay		Bio	Sil	Ksp		From	To	Type	tca	Strength	
													Lower contact undulating, blobby
								194.92		cn	20		Faulted, sheared? contact. Bleached 2cm before
													contact. 0.5mm green gouge, cl infill
194.92	203.90	vs					Strong arg alt, fs phenos dominantly	194.92	203.90	int		5	10-15cm breccia intrusions, sharp and undulating
							replaced by clay. Weak ksp?, sausseritization						contacts 33-35tca.
							alteration of phenos						Stockwork white veins @ 202.30m
							Moderate propylitic? alt with groundmass	202.48		vn			Blobby calcite vein 0.5mm with black margins
							light brown/olive green colour?	203.50	203.65	ft?/sh?		w	Vuggy, pitted gouge/cl infill with clasts of host rock,
													breccia.
203.90	252.07	s		m	m	w	1-2m intervals of moderate potassic and	203.90	252.07	vn		5	Stockwork black sooty veins
							moderate propylitic alteration					15	Stockwork white 1mm veins - carbonate, sericite?
							Groundmass originally medium grey					2	Local qtz veins 20-60tca, smokey grey
							becoming light brown/pink with potassic and						Local sulphide stringers 30-50
							grey/green with propylitic alt.	209.74	210.06	ft/jn	20	w	10mm infill cl, gouge?, lower jn slickenside 20tca
							Fs phenos dominantly clay altered with	211.40		jn	50	w	Slickenside
							weaker ksp? Hm? and weak sausseritization.	215.06	215.12	vn	23		Qtz vein with massive remobilized? Py, diss Cpy
							Propylitic becomes stronger at 233-252.07m	219.60		vn	45		Black veins, magnetic with Py, Cpy diss
218.79	221.40						Silica/biotite alt where	220.90		vn	45		
223.44	223.82						fs phenos faint, moderately magnetic, Py, Cpy, Hm	221.66		vn	50		Qtz/Carb veins with blebs of Py>Cpy>Sph.
226.68	227.56						in abundance.	221.80		vn	25		
230.70	230.80							225.50	225.55	vn	25		Qtz/Py vein
246.67	247.32							230.80		vn	60		60tca black magnetic vein with diss Py, Cpy
247.32	251.06	s		s?			Fs phenos in abundance creating a very	231.95	232.44	ft/jn	20	w	Gouge infill with host rock embedded 20tca
							white base with black 2-5mm patches bio?,						soft, light gray gouge, cl
							chl? Higher % of Cpy in this alt.	236.73	237.12	vn		w	Pink/orange gyp/qtz vein, deformed with Py>Cpy>
							Black magnetic patches/vns with Py, Cpy,						Moly on margins, in core of vein.
							Hm in qtz	238.20		vn	25		Pink/orange gyp vein
								240.40		vn	25		10mm Black magnetic vein - qtz? based?, with
													Py>Cpy blebby, diss.
								245.45	245.60	vn?			Magnetic stockwork veins with Py>Cpy, Hm
								248.35	248.50	vn?			Deformed magnetic qtz vein with Py>Cpy>Moly?

Hole ID: 11-PC-125		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
9.14	11.28	2.14	1.30	61	0.50	23		
11.28	14.33	3.05	3.07	101	1.94	64		
14.33	17.37	3.04	3.05	100	2.33	77		
17.37	20.42	3.05	2.85	93	0.89	29		
20.42	23.47	3.05	2.65	87	0.21	7		
23.47	26.52	3.05	2.97	97	2.03	67		
26.52	29.57	3.05	3.05	100	2.91	95		
29.57	32.61	3.04	3.03	100	2.83	93		
32.61	35.66	3.05	3.01	99	2.61	86		
35.66	38.71	3.05	3.04	100	2.49	82		
38.71	41.76	3.05	3.18	104	2.55	84		
41.76	44.81	3.05	2.81	92	1.78	58		
44.81	47.85	3.04	2.78	91	1.63	54		
47.85	50.90	3.05	3.20	105	1.67	55		
50.90	53.95	3.05	2.78	91	1.66	54		
53.95	57.00	3.05	3.02	99	2.23	73		
57.00	60.05	3.05	3.02	99	2.44	80		
60.05	63.09	3.04	3.00	99	1.61	53		
63.09	66.14	3.05	2.82	92	2.16	71		
66.14	69.19	3.05	3.06	100	2.73	90		
69.19	72.24	3.05	3.05	100	1.72	56		
72.24	75.29	3.05	2.99	98	1.76	58		
75.29	78.33	3.04	2.95	97	1.72	57		
78.33	81.38	3.05	3.01	99	2.07	68		
81.38	84.43	3.05	2.92	96	2.57	84		
84.43	87.48	3.05	3.07	101	2.42	79		
87.48	90.53	3.05	2.95	97	2.82	92		
90.53	93.57	3.04	3.01	99	2.40	79		
93.57	96.62	3.05	3.07	101	2.69	88		
96.62	99.67	3.05	3.04	100	2.74	90		
99.67	102.72	3.05	3.03	99	2.87	94		
102.72	105.77	3.05	3.02	99	2.33	76		
105.77	108.81	3.04	3.05	100	2.97	98		
108.81	111.86	3.05	2.99	98	2.70	89		
111.86	114.91	3.05	3.06	100	2.88	94		
114.91	117.96	3.05	2.98	98	2.65	87		
117.96	121.01	3.05	3.03	99	2.52	83		
121.01	124.05	3.04	3.05	100	2.92	96		
124.05	127.10	3.05	3.02	99	2.67	88		
127.10	130.15	3.05	3.10	102	2.83	93		
130.15	133.20	3.05	2.98	98	2.79	91		
133.20	136.25	3.05	3.08	101	2.72	89		
136.25	139.29	3.04	3.02	99	2.47	81		
139.29	142.34	3.05	3.09	101	2.77	91		
142.34	145.39	3.05	2.90	95	2.56	84		
145.39	148.44	3.05	2.92	96	2.57	84		
148.44	151.49	3.05	3.05	100	2.69	88		
151.49	154.53	3.04	3.03	100	1.85	61		
154.53	157.58	3.05	2.92	96	1.44	47		
157.58	160.63	3.05	2.87	94	2.00	66		
160.63	163.68	3.05	3.10	102	2.63	86		
163.68	166.73	3.05	3.00	98	2.60	85		
166.73	169.77	3.04	3.03	100	2.92	96		
169.77	172.82	3.05	3.07	101	3.07	101		
172.82	175.87	3.05	3.01	99	2.63	86		
175.87	178.92	3.05	2.99	98	2.65	87		
178.92	181.97	3.05	3.05	100	2.78	91		
181.97	185.01	3.04	3.05	100	2.53	83		
185.01	188.06	3.05	3.00	98	2.39	78		

Hole ID: 11-PC-125		Geotechnical Data						
From	To	Length	Recovery	%	RQD	%	Comments	
188.06	191.11	3.05	3.04	100	2.71	89		
191.11	194.16	3.05	3.01	99	2.71	89		
194.16	197.21	3.05	2.96	97	2.71	89		
197.21	200.25	3.04	3.04	100	2.71	89		
200.25	203.30	3.05	3.01	99	2.60	85		
203.30	206.35	3.05	3.04	100	2.75	90		
206.35	209.40	3.05	3.06	100	2.62	86		
209.40	212.45	3.05	2.74	90	1.59	52		
212.45	215.49	3.04	2.45	81	2.03	67		
215.49	218.54	3.05	3.02	99	2.61	86		
218.54	221.59	3.05	3.06	100	3.00	98		
221.59	224.64	3.05	3.05	100	3.05	100		
224.64	227.69	3.05	3.06	100	2.91	95		
227.69	230.73	3.04	3.02	99	2.60	86		
230.73	233.78	3.05	3.06	100	2.99	98		
233.78	236.83	3.05	3.05	100	2.83	93		
236.83	239.88	3.05	3.01	99	2.59	85		
239.88	242.93	3.05	3.02	99	2.94	96		
242.93	245.97	3.04	3.00	99	2.70	89		
245.97	249.02	3.05	3.05	100	2.66	87		
249.02	252.07	3.05	3.03	99	2.92	96	EOH	

Hole ID: 11-PC-125		Sample Data							
Sample	Interval (m)		Sample	Type	Box				
Number	From	To	Length	Std/B/Dup	#				
1047718	9.14	12.14	3.00		1				
1047719	12.14	14.00	1.86		1				
1047720	14.00	17.00	3.00		1-2				
1047721	17.00	20.00	3.00		2-3				
1047722	20.00	23.00	3.00		3-4				
1047723				Std Mos-1	3-4				
1047724	23.00	26.00	3.00		4				
1047725	26.00	29.00	3.00		4-5				
1047726	29.00	30.90	1.90		5				
1047727	30.90	32.34	1.44		5-6				
1047728	32.34	33.60	1.26		6				
1047729	33.60	35.54	1.94		6				
1047730	35.54	37.22	1.68		6-7				
1047731	37.22	39.88	2.66		7				
1047732	39.88	42.88	3.00		7-8				
1047733	42.88	45.88	3.00		8-9				
1047734	45.88	48.88	3.00		9				
1047735	48.88	51.88	3.00		9-10				
1047736				Blank					
1047737	51.88	54.88	3.00		10-11				
1047738	54.88	57.88	3.00		11				
1047739	57.88	60.88	3.00		11-12				
1047740	60.88	63.88	3.00		12-13				
1047741	63.88	66.64	2.76		13-14				
1047742	66.64	69.64	3.00		14				
1047743	69.64	72.64	3.00		14-15				
1047744	72.64	75.64	3.00		15-16				
1047745	75.64	78.64	3.00		16				
1047746	78.64	81.64	3.00		16-17				
1047747	81.64	84.64	3.00		17-18				
1047748	81.64	84.64	3.00	Dup	17-18				
1047749	84.64	87.64	3.00		18				
1047750	87.64	90.64	3.00		18-19				
1047751	90.64	93.64	3.00		19-20				
1047752	93.64	96.64	3.00		20				
1047753	96.64	98.50	1.86		20-21				
1047754	98.50	100.00	1.50		21				
1047755	100.00	103.00	3.00		21-22				
1047756	103.00	106.00	3.00		22				
1047757	106.00	109.00	3.00		22-23				
1047758	109.00	112.00	3.00		23-24				
1047759	112.00	115.00	3.00		24				
1047760	115.00	117.00	2.00		24-25				
1047761				Std CGS-27					
1047762	117.00	119.03	2.03		25				
1047763	119.03	122.03	3.00		25-26				
1047764	122.03	124.71	2.68		26-27				
1047765	124.71	125.53	0.82		27				
1047766	125.53	127.10	1.57		27				
1047767	127.10	130.10	3.00		27-28				
1047768	130.10	133.10	3.00		28				
1047769	133.10	136.10	3.00		28-29				
1047770	136.10	139.10	3.00		29-30				
1047771	139.10	142.10	3.00		30				
1047772	142.10	145.10	3.00		30-31				
1047773	145.10	148.10	3.00		31-32				
1047774	148.10	151.19	3.09		32				
1047775				Blank					

APPENDIX 4. Assays



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: September 13, 2011
Report Date: November 13, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000447.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_1
P.O. Number
Number of Samples: 60

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	60	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	60	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: November 13, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI11000447.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045001	Drill Core	5.84	0.021	26.0	908.3	73.4	228	1.0	29.7	25.1	1066	6.13	220	1.4	<0.1	3.8	490	1.4	6.4	0.2
1045002	Drill Core	6.82	0.039	17.5	1485	202.7	573	2.9	17.5	22.0	2701	4.23	317	1.4	<0.1	4.0	892	3.6	29.9	0.2
1045003	Drill Core	6.54	0.034	60.1	1446	60.2	237	1.1	15.9	21.4	1213	3.73	60	1.3	<0.1	4.0	556	1.9	1.9	0.2
1045004	Drill Core	8.74	0.030	28.5	1172	34.9	229	0.8	14.2	27.0	1392	4.50	7	1.7	<0.1	4.4	207	1.0	1.8	0.2
1045005	Drill Core	8.95	0.038	16.4	1474	28.9	163	0.7	11.9	21.6	1019	4.32	7	1.7	<0.1	4.2	207	0.7	2.7	0.2
1045006	Drill Core	9.72	0.022	11.2	811.0	90.3	179	1.2	9.5	13.6	967	4.70	94	1.0	<0.1	3.9	263	1.0	4.8	0.2
1045007	Drill Core	1.99	0.007	13.8	614.0	56.0	110	1.1	10.9	26.1	507	6.91	10	1.0	<0.1	3.9	291	0.4	2.1	0.3
1045008	Drill Core	5.74	0.043	11.1	1628	13.1	37	0.4	14.1	18.8	285	3.47	3	1.7	<0.1	4.5	265	<0.1	0.6	0.1
1045009	Drill Core	4.59	0.056	10.9	1953	25.4	66	0.6	18.7	21.8	451	3.91	7	1.7	<0.1	4.4	232	0.2	1.0	<0.1
1045010	Rock Pulp	0.03	0.837	166.3	3836	54.0	134	4.5	29.0	21.4	537	5.29	64	1.4	0.7	3.1	262	0.7	8.4	0.7
1045011	Drill Core	10.04	0.044	68.9	1500	69.7	223	1.2	15.8	29.8	1113	4.31	149	1.3	<0.1	4.0	416	1.3	4.8	0.2
1045012	Drill Core	7.85	0.020	30.9	944.6	30.0	121	0.5	9.0	14.0	1069	3.58	216	1.2	<0.1	4.6	763	0.5	12.2	0.1
1045013	Drill Core	7.07	0.018	23.4	399.9	494.6	2233	5.3	11.4	23.3	5694	5.53	59	1.6	<0.1	4.1	758	13.8	43.9	0.2
1045014	Drill Core	3.88	0.010	11.4	258.0	326.4	1280	2.7	9.4	19.3	3529	4.79	41	1.6	<0.1	4.3	612	8.5	25.9	0.1
1045015	Drill Core	7.54	0.013	40.9	309.0	159.2	433	1.6	9.7	15.9	2419	4.18	78	1.8	<0.1	5.7	1120	2.5	22.0	0.1
1045016	Drill Core	9.60	0.006	22.5	250.7	158.8	512	0.9	8.8	17.5	1588	4.83	53	2.0	<0.1	5.7	1095	3.1	8.9	0.1
1045017	Drill Core	8.80	0.009	40.7	457.0	204.9	618	2.7	8.9	23.9	2314	4.72	83	1.4	<0.1	4.7	745	3.5	21.5	0.2
1045018	Drill Core	8.60	0.011	8.5	575.9	100.4	326	1.7	10.3	19.7	1677	4.80	79	1.3	<0.1	4.3	481	2.0	9.1	0.2
1045019	Rock	0.67	<0.005	0.2	3.7	1.0	1	<0.1	<0.1	<0.2	37	<0.01	<1	1.6	<0.1	<0.1	4423	<0.1	0.2	<0.1
1045020	Drill Core	7.65	0.010	17.3	548.0	39.9	115	0.8	11.6	35.8	858	5.06	19	1.3	<0.1	4.2	298	0.8	1.3	0.2
1045021	Drill Core	7.51	0.026	14.6	1301	30.6	91	1.0	13.6	37.8	830	5.16	6	1.4	<0.1	4.0	172	0.3	1.0	0.2
1045022	Drill Core	7.34	0.022	23.7	1087	57.2	234	1.4	10.7	28.6	860	4.04	2	1.4	<0.1	4.5	134	1.1	0.8	0.3
1045023	Drill Core	7.35	0.038	15.5	1482	6.3	24	0.5	10.2	21.2	396	4.06	1	1.9	<0.1	5.3	163	<0.1	0.3	0.2
1045024	Drill Core	7.60	0.044	20.5	1856	12.1	42	1.0	12.1	32.6	572	4.02	1	1.5	0.3	4.8	212	0.2	0.4	0.2
1045025	Drill Core	8.64	0.037	21.9	1384	11.3	28	0.6	9.9	22.9	326	3.31	2	1.4	<0.1	4.6	174	<0.1	0.4	0.2
1045026	Drill Core	7.48	0.025	27.2	1047	13.4	48	0.5	9.8	22.1	350	3.05	1	1.5	<0.1	4.9	185	<0.1	0.4	0.2
1045027	Drill Core	8.58	0.014	35.0	594.2	14.0	47	0.4	8.1	31.6	200	3.44	1	1.5	<0.1	4.4	153	0.2	0.3	0.2
1045028	Drill Core	6.69	0.022	36.1	848.1	33.2	111	0.8	11.0	32.4	321	3.99	3	1.3	<0.1	4.5	176	0.4	0.6	0.2
1045029	Drill Core	8.90	0.026	46.3	1089	168.8	561	2.3	9.0	27.7	1112	3.38	52	1.5	<0.1	4.9	194	3.7	21.5	0.3
1045030	Rock Pulp	0.03	0.794	24.3	5632	6847	>10000	78.6	47.7	20.4	553	9.65	343	2.4	0.9	2.5	158	239.8	120.8	28.3



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Project: Poplar Drilling
Report Date: November 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045001	Drill Core	1.10	0.121	16.2	8	0.66	46	0.068	7.16	0.201	2.06	0.8	28.6	33	1.3	9.1	1.2	<0.1	1	7
1045002	Drill Core	1.86	0.135	17.4	18	0.91	60	0.108	7.70	0.179	2.29	2.0	24.9	33	1.7	9.1	1.7	0.1	1	9
1045003	Drill Core	1.77	0.141	17.3	16	1.03	67	0.103	7.92	0.429	2.27	1.0	25.6	34	1.7	9.1	1.8	0.1	<1	9
1045004	Drill Core	1.51	0.144	17.9	8	0.70	51	0.082	7.64	0.523	2.19	0.9	37.6	36	2.3	10.1	1.5	<0.1	1	7
1045005	Drill Core	2.17	0.118	17.3	10	0.71	81	0.078	7.58	0.556	1.77	0.9	26.0	33	1.7	9.1	1.6	0.1	<1	7
1045006	Drill Core	1.48	0.112	12.5	9	0.86	38	0.067	6.98	0.324	2.29	0.8	18.2	24	1.9	6.0	1.3	<0.1	1	6
1045007	Drill Core	0.68	0.092	12.5	2	0.50	39	0.078	7.02	0.230	2.98	2.5	21.1	26	4.0	6.1	2.0	0.1	<1	4
1045008	Drill Core	1.66	0.124	16.7	19	1.01	106	0.109	7.82	2.165	1.57	0.5	29.0	32	1.3	8.7	1.8	0.1	1	8
1045009	Drill Core	2.11	0.132	16.4	23	1.21	78	0.130	7.77	1.044	1.70	0.5	40.5	33	1.5	9.4	1.6	0.1	1	9
1045010	Rock Pulp	0.51	0.114	18.8	47	0.91	198	0.284	8.16	1.253	4.37	32.4	26.6	35	3.4	13.4	4.1	0.2	1	13
1045011	Drill Core	2.09	0.128	16.4	17	0.91	71	0.078	7.35	0.261	2.36	1.1	29.5	32	2.0	8.3	1.2	<0.1	<1	9
1045012	Drill Core	1.62	0.098	12.7	5	0.93	70	0.077	7.69	0.134	2.27	0.9	33.3	26	1.5	7.2	1.7	0.1	<1	5
1045013	Drill Core	1.24	0.113	14.7	7	0.64	49	0.068	6.90	0.192	2.75	1.4	29.4	30	1.9	7.5	1.4	<0.1	<1	5
1045014	Drill Core	1.18	0.111	13.3	5	0.68	58	0.081	7.26	0.226	2.72	1.7	32.4	28	2.1	7.5	1.7	0.1	<1	6
1045015	Drill Core	1.84	0.139	14.0	8	0.95	79	0.082	7.99	0.231	2.80	1.2	40.9	27	1.5	8.1	1.7	0.1	1	7
1045016	Drill Core	1.54	0.120	17.8	9	0.85	65	0.112	7.66	0.581	2.68	0.9	33.5	35	1.7	8.6	4.8	0.3	2	6
1045017	Drill Core	1.40	0.114	15.2	9	0.74	53	0.093	7.09	0.459	2.93	1.0	20.7	32	2.1	7.7	3.1	0.2	1	6
1045018	Drill Core	1.45	0.135	16.5	10	0.88	58	0.083	7.69	0.340	2.69	0.9	26.7	34	1.8	7.5	1.4	<0.1	1	7
1045019	Rock	36.96	0.005	0.4	<1	1.76	11	0.001	0.07	0.003	0.02	<0.1	0.4	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045020	Drill Core	1.62	0.124	12.7	12	0.82	48	0.085	7.45	0.260	2.77	1.8	26.3	26	2.2	7.2	1.3	<0.1	1	6
1045021	Drill Core	1.58	0.123	12.9	16	0.90	57	0.088	7.65	0.143	2.53	0.7	22.0	27	1.8	8.2	1.1	<0.1	2	8
1045022	Drill Core	1.36	0.119	15.5	14	0.94	65	0.083	7.58	0.169	3.01	1.8	22.9	31	2.2	8.1	1.3	0.1	1	7
1045023	Drill Core	1.35	0.129	17.8	12	1.07	122	0.092	8.03	1.009	2.42	0.6	28.7	35	1.7	10.4	1.3	0.1	1	8
1045024	Drill Core	1.12	0.120	16.6	11	1.24	57	0.092	7.95	1.786	2.32	0.6	29.0	35	1.3	10.4	1.5	0.1	1	7
1045025	Drill Core	0.84	0.112	16.4	9	1.27	60	0.074	7.56	1.929	2.33	0.9	31.1	33	1.4	8.9	1.4	<0.1	1	6
1045026	Drill Core	0.86	0.116	19.6	11	1.32	118	0.082	7.50	1.975	2.32	0.6	31.2	37	1.1	9.7	1.3	<0.1	1	7
1045027	Drill Core	0.60	0.117	18.4	8	1.27	129	0.064	7.15	1.474	2.44	1.2	31.6	35	1.1	8.7	1.1	<0.1	1	6
1045028	Drill Core	0.74	0.115	17.4	10	1.27	116	0.073	7.70	1.481	2.67	1.1	31.0	33	1.4	8.3	1.5	<0.1	1	6
1045029	Drill Core	1.35	0.110	21.6	8	1.28	92	0.075	7.51	0.451	2.82	1.1	31.2	40	1.5	8.2	1.3	<0.1	1	6
1045030	Rock Pulp	1.83	0.055	11.1	30	0.96	72	0.196	4.03	1.294	0.73	1.2	34.7	24	54.8	11.3	4.5	0.2	<1	8



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045001	Drill Core	5.7	74.1	0.7
1045002	Drill Core	3.7	91.8	0.6
1045003	Drill Core	3.3	72.7	0.6
1045004	Drill Core	4.0	62.7	0.7
1045005	Drill Core	4.0	56.8	0.7
1045006	Drill Core	4.6	66.8	0.6
1045007	Drill Core	7.2	75.9	0.5
1045008	Drill Core	3.1	54.7	0.8
1045009	Drill Core	3.2	67.9	0.9
1045010	Rock Pulp	2.6	100.3	0.8
1045011	Drill Core	4.0	75.3	0.7
1045012	Drill Core	3.2	71.7	0.8
1045013	Drill Core	4.9	86.0	1.0
1045014	Drill Core	4.4	78.9	1.0
1045015	Drill Core	3.8	90.3	1.3
1045016	Drill Core	4.2	85.3	1.2
1045017	Drill Core	4.1	88.1	0.7
1045018	Drill Core	4.4	76.3	0.9
1045019	Rock	<0.1	0.4	<0.1
1045020	Drill Core	4.7	74.9	0.8
1045021	Drill Core	4.5	69.5	0.6
1045022	Drill Core	3.5	83.5	0.7
1045023	Drill Core	3.1	66.1	0.8
1045024	Drill Core	3.3	66.8	0.8
1045025	Drill Core	3.0	64.8	0.9
1045026	Drill Core	2.4	64.8	0.9
1045027	Drill Core	3.0	61.2	0.9
1045028	Drill Core	3.6	66.0	0.9
1045029	Drill Core	2.8	75.1	1.0
1045030	Rock Pulp	9.3	23.4	1.1



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CERTIFICATE OF ANALYSIS

SMI11000447.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045031	Drill Core	6.86	0.020	34.6	957.5	21.4	89	0.4	10.0	25.1	220	3.52	4	1.6	<0.1	5.4	254	0.3	0.7	0.3
1045032	Drill Core	10.84	0.045	37.5	1375	18.3	46	0.7	9.5	24.9	379	3.06	2	1.4	<0.1	5.0	326	<0.1	0.7	0.2
1045033	Rock	0.50	<0.005	0.2	4.6	0.3	<1	<0.1	<0.1	<0.2	43	<0.01	<1	1.4	<0.1	<0.1	4307	<0.1	<0.1	<0.1
1045034	Drill Core	8.72	0.029	21.1	1118	10.7	32	0.5	8.4	21.2	279	2.85	2	1.2	0.2	3.9	518	0.1	0.5	0.5
1045035	Drill Core	7.02	0.022	28.2	1127	42.1	164	0.6	7.8	22.9	288	2.86	2	1.3	<0.1	3.8	456	1.0	1.2	0.4
1045036	Drill Core	4.40	0.023	38.9	1017	35.5	126	0.6	7.1	21.5	298	2.73	1	1.3	<0.1	3.7	448	0.7	1.0	0.3
1045037	Drill Core	6.27	0.026	35.8	1202	12.6	40	0.8	8.7	21.6	279	2.90	1	1.2	<0.1	3.6	385	0.3	0.6	0.4
1045038	Drill Core	4.67	0.021	28.7	1004	12.9	40	0.4	8.7	20.0	272	2.90	2	1.3	<0.1	3.8	403	<0.1	0.3	0.3
1045039	Drill Core	5.47	0.022	20.7	896.7	24.6	75	0.6	9.8	20.9	536	2.75	5	1.3	<0.1	4.1	512	0.4	4.3	0.2
1045040	Drill Core	4.34	0.030	29.2	1433	11.6	32	0.4	11.5	27.6	209	3.15	21	1.3	<0.1	3.9	460	<0.1	0.5	0.3
1045041	Drill Core	3.06	0.030	69.2	1500	37.3	138	0.8	10.0	23.5	630	2.44	255	2.2	<0.1	4.2	1315	0.9	4.8	1.9
1045042	Drill Core	4.80	<0.005	3.0	46.4	41.9	101	0.3	0.9	1.1	543	0.65	20	6.3	<0.1	13.5	184	0.4	2.1	0.2
1045043	Drill Core	5.29	<0.005	0.2	8.6	64.3	127	1.4	0.2	0.5	502	0.55	6	8.2	<0.1	15.2	150	0.5	0.6	0.1
1045044	Drill Core	5.17	0.006	<0.1	1.1	103.4	280	0.9	<0.1	0.5	1183	0.61	4	10.7	<0.1	14.6	108	1.7	0.9	0.1
1045045	Drill Core	6.08	<0.005	0.1	1.8	52.6	171	0.8	0.2	0.6	798	0.53	8	7.2	<0.1	13.6	151	0.7	0.6	0.1
1045046	Drill Core	4.78	<0.005	<0.1	1.6	33.7	133	0.1	0.3	0.5	671	0.56	9	5.9	<0.1	13.7	220	0.3	0.7	0.2
1045047	Drill Core	5.20	0.021	0.2	12.5	74.2	155	0.5	0.6	1.1	910	0.74	13	8.5	<0.1	14.2	191	0.9	3.4	0.1
1045048	Drill Core	3.59	<0.005	0.8	57.5	122.5	300	0.8	7.2	6.3	1870	2.06	31	5.4	<0.1	9.1	591	2.1	9.3	0.3
1045049	Drill Core	4.27	0.032	57.1	1650	101.2	199	5.0	4.5	22.1	845	2.06	45	1.2	<0.1	4.6	398	1.9	88.2	0.5
1045050	Rock Pulp	0.06	0.872	160.1	3616	49.4	132	5.6	26.7	19.5	501	4.90	65	1.3	0.6	2.5	224	0.5	8.8	0.6
1045051	Drill Core	5.31	0.031	160.3	1548	96.9	200	4.7	3.7	13.5	717	1.62	73	1.4	<0.1	4.7	395	1.9	76.2	0.2
1045052	Drill Core	5.09	0.039	158.5	1789	25.6	85	1.4	3.2	12.7	563	1.52	144	1.5	<0.1	5.0	343	0.4	10.1	0.1
1045053	Drill Core	5.21	0.061	288.3	2614	38.8	94	2.3	4.6	10.8	633	1.36	190	2.1	<0.1	4.5	403	0.4	10.7	0.1
1045054	Drill Core	5.62	0.063	246.5	2772	82.7	287	2.0	6.4	20.4	719	1.85	297	4.5	<0.1	5.7	491	2.4	19.1	1.1
1045055	Drill Core	2.82	0.063	230.6	2681	89.1	413	2.5	6.3	19.6	697	1.84	337	4.0	0.1	4.9	531	3.3	18.6	0.3
1045056	Drill Core	2.62	<0.005	20.8	90.2	54.4	61	0.6	1.3	2.0	648	0.73	37	11.0	<0.1	16.0	209	0.3	9.1	0.4
1045057	Drill Core	6.09	<0.005	1.7	20.6	17.6	74	0.2	8.8	9.2	735	2.78	9	4.5	<0.1	5.1	587	0.2	4.0	0.2
1045058	Drill Core	5.24	0.029	98.3	1484	75.4	165	1.3	6.3	15.7	625	2.11	17	2.3	<0.1	4.0	1221	0.9	1.6	0.2
1045059	Drill Core	6.03	0.039	128.2	1802	48.2	80	1.3	5.7	13.5	506	1.84	6	1.4	<0.1	3.6	795	0.4	1.7	<0.1
1045060	Drill Core	4.86	0.040	154.8	1748	15.5	47	0.6	7.7	14.9	288	2.01	6	1.4	<0.1	4.0	607	0.1	0.3	0.1



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Project: Poplar Drilling
Report Date: November 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000447.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045031	Drill Core	1.10	0.107	24.1	10	1.30	126	0.077	7.65	1.808	2.34	0.8	32.5	43	1.2	9.2	1.3	<0.1	2	7
1045032	Drill Core	1.99	0.109	19.5	11	1.20	66	0.093	7.79	2.041	2.33	0.8	31.4	38	1.5	10.0	1.4	<0.1	2	7
1045033	Rock	35.52	0.004	0.4	<1	1.94	14	0.002	0.05	0.005	<0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045034	Drill Core	2.98	0.108	12.8	11	1.03	93	0.098	6.57	2.074	1.98	0.6	25.7	28	1.4	9.8	1.5	0.2	1	6
1045035	Drill Core	3.09	0.117	13.6	11	0.97	55	0.076	6.87	1.801	2.29	0.7	25.8	29	1.5	9.7	1.3	<0.1	1	6
1045036	Drill Core	3.06	0.115	13.5	10	0.98	89	0.082	6.78	1.810	2.26	0.7	26.0	29	1.4	9.8	1.4	0.1	<1	6
1045037	Drill Core	2.71	0.104	13.0	11	1.00	54	0.071	6.46	1.645	2.19	0.5	26.5	29	1.1	8.8	1.1	<0.1	1	6
1045038	Drill Core	2.79	0.104	13.9	11	1.13	79	0.078	6.81	1.760	2.12	0.5	30.0	29	1.1	9.1	1.2	<0.1	1	6
1045039	Drill Core	3.04	0.100	15.1	13	1.05	87	0.116	6.86	1.829	2.18	0.6	28.4	32	1.2	9.1	1.6	0.1	1	7
1045040	Drill Core	2.32	0.102	14.7	12	0.90	96	0.069	7.08	1.153	2.77	1.0	24.3	31	1.5	8.1	1.1	<0.1	1	6
1045041	Drill Core	1.23	0.112	15.9	12	1.02	248	0.067	8.55	0.079	3.75	1.3	30.5	34	1.3	7.2	1.4	0.1	2	7
1045042	Drill Core	1.89	0.017	7.3	1	0.21	207	0.047	5.76	0.065	3.74	3.0	49.3	16	0.8	6.7	13.5	1.2	2	1
1045043	Drill Core	1.68	0.014	7.9	1	0.16	235	0.037	6.11	0.054	4.07	2.2	50.9	17	0.6	7.0	13.9	1.4	2	<1
1045044	Drill Core	1.52	0.013	7.7	1	0.22	233	0.037	5.93	0.056	3.90	1.7	49.6	17	1.0	6.6	14.0	1.4	2	1
1045045	Drill Core	1.83	0.013	6.6	1	0.14	217	0.038	5.86	0.055	3.42	1.3	53.7	15	0.7	6.8	14.8	1.4	2	<1
1045046	Drill Core	2.03	0.014	6.7	<1	0.14	216	0.038	6.16	0.046	3.26	1.8	53.4	16	0.7	7.0	15.3	1.5	2	<1
1045047	Drill Core	1.77	0.018	8.5	2	0.25	345	0.053	6.09	0.037	3.55	1.0	54.5	18	0.7	6.7	13.4	1.4	2	2
1045048	Drill Core	2.28	0.084	14.5	9	0.76	974	0.244	6.87	0.100	3.76	1.5	83.7	31	0.7	8.7	10.0	0.8	2	5
1045049	Drill Core	1.91	0.084	18.3	3	0.66	372	0.061	6.96	0.999	3.08	0.6	25.3	38	0.9	7.7	1.6	0.1	1	4
1045050	Rock Pulp	0.38	0.113	13.7	44	0.81	340	0.247	5.99	1.143	3.62	27.6	24.6	28	3.0	10.6	3.5	0.3	1	11
1045051	Drill Core	2.20	0.083	21.3	2	0.65	595	0.070	7.27	0.425	3.20	0.7	26.2	42	0.9	7.6	1.5	0.1	<1	4
1045052	Drill Core	2.26	0.084	26.5	3	0.83	1304	0.090	7.43	0.293	3.52	0.7	24.5	52	0.6	9.3	1.7	0.1	<1	4
1045053	Drill Core	2.17	0.074	46.2	3	0.74	1002	0.079	6.74	0.235	3.72	0.8	21.3	85	1.0	8.1	1.6	0.1	<1	3
1045054	Drill Core	2.01	0.118	32.6	8	0.91	231	0.140	7.80	0.105	3.34	1.3	42.3	58	1.3	12.5	2.0	0.3	2	7
1045055	Drill Core	1.90	0.119	27.9	7	0.85	658	0.122	7.25	0.094	3.20	1.4	42.4	56	1.0	10.7	2.0	0.1	2	6
1045056	Drill Core	1.12	0.026	11.0	2	0.30	434	0.057	6.10	0.088	3.69	1.2	58.8	22	0.8	7.8	13.6	1.3	1	2
1045057	Drill Core	2.94	0.111	13.3	15	0.98	622	0.316	6.64	1.197	3.44	0.7	97.2	29	0.6	8.3	8.2	0.6	1	6
1045058	Drill Core	2.93	0.120	15.1	8	0.90	306	0.136	6.49	1.203	3.23	1.3	36.9	33	1.2	9.5	1.7	0.1	1	6
1045059	Drill Core	2.55	0.114	15.6	7	0.73	393	0.151	5.91	1.557	2.34	0.6	29.0	33	0.9	9.3	2.4	0.2	1	5
1045060	Drill Core	3.04	0.119	17.4	10	0.85	236	0.181	6.60	2.531	2.52	0.9	29.4	37	1.0	10.8	2.6	0.2	<1	6



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CERTIFICATE OF ANALYSIS

SMI11000447.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045031	Drill Core	2.9	65.8	1.0
1045032	Drill Core	3.1	64.6	1.0
1045033	Rock	<0.1	0.1	<0.1
1045034	Drill Core	3.8	51.8	0.8
1045035	Drill Core	4.2	55.9	0.7
1045036	Drill Core	4.0	53.7	0.8
1045037	Drill Core	4.0	47.2	0.8
1045038	Drill Core	3.8	50.4	1.0
1045039	Drill Core	3.2	64.8	0.8
1045040	Drill Core	3.7	66.8	0.8
1045041	Drill Core	2.0	89.8	0.9
1045042	Drill Core	<0.1	146.9	2.5
1045043	Drill Core	<0.1	175.1	2.6
1045044	Drill Core	<0.1	164.5	2.6
1045045	Drill Core	<0.1	159.2	3.0
1045046	Drill Core	<0.1	152.1	3.0
1045047	Drill Core	<0.1	153.6	2.8
1045048	Drill Core	0.1	122.4	2.7
1045049	Drill Core	1.5	86.3	0.8
1045050	Rock Pulp	2.7	100.7	0.8
1045051	Drill Core	1.1	88.7	0.8
1045052	Drill Core	0.9	95.2	0.9
1045053	Drill Core	0.8	94.0	0.6
1045054	Drill Core	1.0	107.3	1.3
1045055	Drill Core	1.1	98.0	1.3
1045056	Drill Core	<0.1	180.8	2.6
1045057	Drill Core	<0.1	104.1	2.8
1045058	Drill Core	2.0	101.4	1.2
1045059	Drill Core	1.4	67.3	1.0
1045060	Drill Core	2.0	53.3	1.0



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QUALITY CONTROL REPORT

SMI11000447.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
Pulp Duplicates																					
1045017	Drill Core	8.80	0.009	40.7	457.0	204.9	618	2.7	8.9	23.9	2314	4.72	83	1.4	<0.1	4.7	745	3.5	21.5	0.2	75
REP 1045017	QC			42.0	461.1	219.5	606	2.7	8.9	23.6	2361	4.77	88	1.4	<0.1	4.7	772	4.0	22.7	0.2	75
1045026	Drill Core	7.48	0.025	27.2	1047	13.4	48	0.5	9.8	22.1	350	3.05	1	1.5	<0.1	4.9	185	<0.1	0.4	0.2	69
REP 1045026	QC		0.029																		
1045050	Rock Pulp	0.06	0.872	160.1	3616	49.4	132	5.6	26.7	19.5	501	4.90	65	1.3	0.6	2.5	224	0.5	8.8	0.6	182
REP 1045050	QC			152.0	3567	49.4	123	4.4	27.0	19.3	501	4.77	65	1.2	1.8	2.4	219	0.8	8.7	0.7	177
1045058	Drill Core	5.24	0.029	98.3	1484	75.4	165	1.3	6.3	15.7	625	2.11	17	2.3	<0.1	4.0	1221	0.9	1.6	0.2	66
REP 1045058	QC		0.031																		
Core Reject Duplicates																					
1045004	Drill Core	8.74	0.030	28.5	1172	34.9	229	0.8	14.2	27.0	1392	4.50	7	1.7	<0.1	4.4	207	1.0	1.8	0.2	77
DUP 1045004	QC		0.028	25.5	1179	32.2	217	0.8	12.3	25.1	1408	4.35	5	1.6	<0.1	4.2	219	0.8	2.0	0.2	79
1045039	Drill Core	5.47	0.022	20.7	896.7	24.6	75	0.6	9.8	20.9	536	2.75	5	1.3	<0.1	4.1	512	0.4	4.3	0.2	70
DUP 1045039	QC		0.023	21.0	878.2	25.9	78	0.6	8.2	19.2	551	2.68	5	1.2	<0.1	4.0	481	0.2	4.2	0.2	71
Reference Materials																					
STD OREAS24P	Standard			1.2	49.7	2.9	117	<0.1	137.9	43.6	1098	7.25	2	0.7	<0.1	2.9	388	0.1	<0.1	0.1	166
STD OREAS24P	Standard			1.5	51.7	2.8	111	<0.1	136.6	47.6	1073	7.38	1	0.7	<0.1	2.8	368	0.2	<0.1	<0.1	172
STD OREAS24P	Standard			1.7	48.1	3.9	116	<0.1	138.3	45.0	1138	7.73	3	0.7	<0.1	2.9	386	0.1	0.3	<0.1	178
STD OREAS45C	Standard			2.4	636.5	25.7	87	0.3	343.0	100.9	1166	17.95	11	2.4	<0.1	11.2	38	0.3	1.0	0.3	273
STD OREAS45C	Standard			2.1	619.6	24.0	79	0.3	345.3	104.8	1142	18.14	11	2.3	<0.1	11.1	37	0.2	0.8	0.2	278
STD OREAS45C	Standard			2.2	643.0	25.5	82	0.3	347.0	104.0	1163	18.65	14	2.3	<0.1	10.6	38	0.1	0.8	0.2	291
STD OXH82	Standard		1.261																		
STD OXH82	Standard		1.384																		
STD OXH82	Standard		1.311																		
STD OXK79	Standard		3.522																		
STD OXK79	Standard		3.706																		
STD OXK79	Standard		3.760																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		



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Project: Poplar Drilling

Report Date: November 13, 2011

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QUALITY CONTROL REPORT

SMI11000447.1

Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045017	Drill Core	1.40	0.114	15.2	9	0.74	53	0.093	7.09	0.459	2.93	1.0	20.7	32	2.1	7.7	3.1	0.2	1	6
REP 1045017	QC	1.42	0.122	15.5	9	0.75	52	0.104	7.46	0.449	2.95	1.0	21.6	33	2.1	7.7	3.4	0.2	1	7
1045026	Drill Core	0.86	0.116	19.6	11	1.32	118	0.082	7.50	1.975	2.32	0.6	31.2	37	1.1	9.7	1.3	<0.1	1	7
REP 1045026	QC																			
1045050	Rock Pulp	0.38	0.113	13.7	44	0.81	340	0.247	5.99	1.143	3.62	27.6	24.6	28	3.0	10.6	3.5	0.3	1	11
REP 1045050	QC	0.35	0.106	13.3	42	0.79	328	0.248	5.67	1.128	4.01	26.8	24.4	28	3.0	10.2	3.5	0.2	1	10
1045058	Drill Core	2.93	0.120	15.1	8	0.90	306	0.136	6.49	1.203	3.23	1.3	36.9	33	1.2	9.5	1.7	0.1	1	6
REP 1045058	QC																			
Core Reject Duplicates																				
1045004	Drill Core	1.51	0.144	17.9	8	0.70	51	0.082	7.64	0.523	2.19	0.9	37.6	36	2.3	10.1	1.5	<0.1	1	7
DUP 1045004	QC	1.52	0.138	18.1	8	0.70	48	0.091	7.85	0.506	2.19	0.9	27.1	35	2.5	10.4	1.9	0.1	2	7
1045039	Drill Core	3.04	0.100	15.1	13	1.05	87	0.116	6.86	1.829	2.18	0.6	28.4	32	1.2	9.1	1.6	0.1	1	7
DUP 1045039	QC	2.98	0.100	14.0	13	1.03	95	0.117	6.71	1.815	2.17	0.6	29.0	30	1.3	9.1	1.6	0.1	1	7
Reference Materials																				
STD OREAS24P	Standard	5.48	0.128	18.0	182	4.03	279	1.048	7.46	2.477	0.64	0.5	136.1	37	1.7	20.8	19.0	1.2	1	19
STD OREAS24P	Standard	5.41	0.130	19.3	202	3.92	268	1.028	7.65	2.558	0.67	0.4	131.6	37	1.5	21.1	18.8	1.0	1	20
STD OREAS24P	Standard	5.81	0.144	19.6	192	4.37	290	1.099	7.99	2.614	0.69	0.4	138.8	37	1.8	21.7	19.4	1.1	1	20
STD OREAS45C	Standard	0.48	0.053	26.5	939	0.25	292	1.160	7.06	0.092	0.36	1.1	170.2	55	2.9	12.4	22.8	1.6	<1	59
STD OREAS45C	Standard	0.48	0.052	27.0	940	0.25	274	1.155	7.23	0.101	0.33	1.2	167.6	51	3.2	12.1	22.7	1.5	1	61
STD OREAS45C	Standard	0.52	0.053	26.9	906	0.25	267	1.281	7.36	0.091	0.35	1.0	170.1	49	3.1	13.2	23.9	1.5	<1	58
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				



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QUALITY CONTROL REPORT

SMI11000447.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045017	Drill Core	4.1	88.1	0.7
REP 1045017	QC	4.2	90.5	0.7
1045026	Drill Core	2.4	64.8	0.9
REP 1045026	QC			
1045050	Rock Pulp	2.7	100.7	0.8
REP 1045050	QC	2.6	106.2	0.8
1045058	Drill Core	2.0	101.4	1.2
REP 1045058	QC			
Core Reject Duplicates				
1045004	Drill Core	4.0	62.7	0.7
DUP 1045004	QC	4.0	64.4	0.8
1045039	Drill Core	3.2	64.8	0.8
DUP 1045039	QC	3.1	57.5	0.9
Reference Materials				
STD OREAS24P	Standard	<0.1	20.9	3.6
STD OREAS24P	Standard	<0.1	22.0	3.2
STD OREAS24P	Standard	<0.1	21.2	3.4
STD OREAS45C	Standard	<0.1	24.2	4.5
STD OREAS45C	Standard	<0.1	24.0	4.4
STD OREAS45C	Standard	<0.1	24.5	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 13, 2011

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QUALITY CONTROL REPORT

SMI11000447.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.4	2.5	19.8	50	<0.1	3.5	4.8	720	2.30	1	3.2	<0.1	8.8	691	<0.1	<0.1	0.2
G1	Prep Blank		<0.005	0.4	2.6	18.9	49	<0.1	3.6	4.9	740	2.29	2	4.3	<0.1	10.7	707	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

SMI11000447.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.16	0.087	30.2	7	0.64	963	0.253	7.57	2.674	3.04	0.3	14.3	57	1.6	14.8	23.2	1.3	2	5	34.4
G1	Prep Blank	2.29	0.080	30.6	4	0.65	920	0.239	7.71	2.803	1.29	0.2	14.1	55	1.7	14.6	22.6	1.3	3	5	36.1



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Report Date: November 13, 2011

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QUALITY CONTROL REPORT

SMI11000447.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	122.8	0.7
G1	Prep Blank	<0.1	48.2	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: September 13, 2011
Report Date: November 25, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI11000448.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_3
P.O. Number
Number of Samples: 62

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	59	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	62	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	62	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 25, 2011

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CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045119	Drill Core	4.95	0.023	1.6	718.2	7.5	81	0.6	10.5	9.1	716	2.93	263	2.1	<0.1	5.4	484	0.4	38.4	0.3
1045120	Drill Core	4.23	0.020	1.0	931.9	15.2	95	0.6	8.7	8.8	438	3.29	34	1.7	<0.1	5.9	628	0.4	2.7	0.2
1045121	Drill Core	4.32	0.019	1.2	658.5	11.6	37	0.4	8.0	8.1	318	3.16	2	1.8	<0.1	5.6	608	<0.1	0.3	0.2
1045122	Drill Core	4.37	0.023	2.1	716.0	7.9	38	0.4	9.3	8.0	358	3.38	11	1.9	0.3	5.6	972	0.1	0.7	0.2
1045123	Drill Core	3.18	0.008	0.6	433.9	8.2	33	0.2	8.7	7.5	301	3.25	2	1.8	<0.1	5.8	1830	<0.1	0.1	0.2
1045124	Drill Core	5.25	0.011	2.3	705.2	8.9	41	0.4	8.4	8.1	556	3.11	14	1.7	<0.1	5.7	157	0.1	4.2	0.2
1045125	Drill Core	4.85	0.014	0.9	746.9	16.5	78	1.4	8.9	11.0	763	3.28	20	1.8	<0.1	5.8	225	0.3	1.9	0.5
1045126	Drill Core	4.68	0.027	1.3	732.4	16.9	84	1.6	10.8	18.5	968	3.27	18	1.6	<0.1	5.7	193	0.2	1.7	0.3
1045127	Drill Core	3.50	0.018	0.9	963.3	8.7	35	0.5	7.7	7.6	281	3.36	7	1.6	<0.1	5.2	1034	<0.1	0.4	0.2
1045128	Drill Core	4.75	0.012	1.7	561.6	17.0	108	1.6	8.1	8.4	1836	3.08	25	1.8	<0.1	5.4	244	0.3	2.4	0.3
1045129	Rock	0.13	<0.005	0.1	7.9	<0.1	<1	<0.1	0.5	<0.2	24	0.03	1	1.2	<0.1	<0.1	4484	<0.1	<0.1	<0.1
1045130	Drill Core	5.41	0.014	0.9	997.2	8.8	36	0.6	8.5	9.9	263	3.10	6	1.7	<0.1	6.0	601	<0.1	0.3	0.2
1045131	Drill Core	5.83	0.018	1.6	754.3	14.0	65	1.0	9.1	9.6	1127	3.33	46	1.9	<0.1	6.0	720	0.3	1.3	0.3
1045132	Drill Core	4.77	0.014	1.0	734.1	9.7	88	1.0	7.9	8.0	999	3.09	135	1.5	<0.1	5.5	1239	0.6	6.9	0.2
1045133	Drill Core	5.05	0.010	1.6	741.9	8.1	64	0.5	8.1	10.1	572	2.99	106	1.7	<0.1	5.5	620	0.3	3.9	0.2
1045134	Drill Core	5.75	0.042	1.2	1658	8.7	43	0.8	7.6	9.6	300	4.61	2	1.2	<0.1	4.9	401	0.1	0.3	0.5
1045135	Rock Pulp	0.04	0.882	23.4	5294	6207	>10000	76.8	46.9	20.3	540	9.31	419	2.2	1.0	2.4	164	241.9	107.2	26.2
1045136	Drill Core	5.47	0.067	2.4	3305	12.7	50	1.4	9.4	11.4	293	5.73	<1	1.0	<0.1	4.8	370	<0.1	0.4	0.7
1045137	Drill Core	4.98	0.112	1.4	3555	11.8	54	1.4	8.1	13.5	366	5.62	2	0.9	<0.1	5.2	360	0.2	0.3	0.5
1045138	Drill Core	2.21	0.103	0.9	3813	11.6	45	1.5	7.6	12.0	346	5.17	2	0.9	<0.1	5.7	361	0.1	0.3	0.4
1045139	Drill Core	5.78	0.062	37.7	3200	26.7	114	2.4	6.4	9.0	400	4.13	130	1.2	<0.1	5.9	511	0.8	5.1	0.5
1045140	Drill Core	5.11	0.149	116.6	5961	12.0	65	2.3	8.9	16.9	330	4.88	1	0.9	0.1	6.2	366	0.3	0.2	0.7
1045141	Drill Core	5.32	0.043	11.1	2144	10.6	47	0.8	8.1	13.2	288	4.21	2	0.9	<0.1	6.7	581	<0.1	0.3	0.3
1045142	Drill Core	5.43	0.041	1.3	2045	8.8	44	0.8	8.4	19.3	278	3.78	<1	0.8	<0.1	5.1	567	<0.1	0.2	0.3
1045143	Drill Core	5.54	0.110	1.5	3076	8.8	44	1.2	7.6	19.6	327	3.94	<1	0.9	<0.1	6.2	478	<0.1	0.3	0.4
1045144	Drill Core	5.01	0.064	3.4	2875	8.9	44	1.1	6.7	35.6	304	4.02	1	0.9	<0.1	5.6	484	0.1	0.2	0.4
1045145	Drill Core	5.76	0.079	3.9	3127	8.4	45	1.1	8.0	19.4	291	3.83	<1	0.9	<0.1	6.2	533	0.3	0.2	0.3
1045146	Drill Core	5.87	0.076	9.5	3735	9.2	48	1.4	7.6	16.9	276	4.10	<1	1.0	<0.1	6.0	484	0.1	0.2	0.3
1045147	Drill Core	5.17	0.078	24.2	3737	11.3	97	1.6	8.8	15.2	291	4.15	<1	0.9	0.5	5.4	552	0.6	0.2	0.3
1045148	Drill Core	4.80	0.083	12.4	3994	9.8	44	1.5	7.1	9.1	282	3.45	2	0.9	<0.1	6.2	473	0.1	0.2	0.3



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CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045119	Drill Core	2.80	0.130	14.1	12	0.84	266	0.283	7.09	0.152	1.98	1.5	26.1	30	0.7	9.1	7.7	0.6	2	6
1045120	Drill Core	2.62	0.118	14.7	12	0.94	404	0.304	7.22	2.021	2.72	1.4	27.5	31	0.7	10.3	8.3	0.6	2	6
1045121	Drill Core	2.63	0.112	16.3	12	0.96	376	0.277	7.26	2.790	2.62	0.6	24.6	34	0.6	10.1	7.6	0.6	1	6
1045122	Drill Core	2.45	0.120	14.5	12	0.97	544	0.287	7.06	2.586	2.58	0.4	26.8	31	0.7	9.8	8.0	0.6	<1	6
1045123	Drill Core	2.38	0.122	15.4	13	1.02	1193	0.310	8.07	2.823	2.65	0.4	27.6	32	0.8	10.2	8.7	0.7	<1	7
1045124	Drill Core	2.91	0.107	14.5	10	1.06	944	0.273	7.18	0.557	2.62	1.2	27.6	29	0.5	9.9	7.3	0.6	1	6
1045125	Drill Core	3.06	0.106	17.4	10	1.08	431	0.256	7.43	0.227	2.96	1.3	26.4	35	1.0	9.6	7.2	0.6	<1	6
1045126	Drill Core	2.48	0.107	14.0	11	0.93	719	0.261	7.17	0.698	3.57	1.1	27.7	29	0.9	9.2	7.4	0.6	1	6
1045127	Drill Core	2.36	0.112	12.5	10	0.93	1018	0.285	7.01	2.893	2.63	0.3	26.2	25	0.5	9.0	7.5	0.6	1	6
1045128	Drill Core	3.03	0.102	15.9	9	1.03	1329	0.227	7.28	0.218	3.54	1.4	25.0	31	0.8	9.0	6.7	0.5	2	6
1045129	Rock	34.18	0.002	0.2	<1	1.67	4	0.001	0.03	0.004	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045130	Drill Core	2.63	0.112	15.4	13	0.89	608	0.275	7.36	2.726	2.81	0.6	26.0	30	0.7	10.0	7.6	0.5	1	6
1045131	Drill Core	2.54	0.110	14.7	10	0.91	631	0.251	7.20	2.078	3.00	1.0	27.8	30	0.8	9.3	7.0	0.6	1	6
1045132	Drill Core	3.13	0.109	13.7	10	0.97	873	0.262	6.87	1.348	2.88	1.1	26.8	28	0.6	9.5	7.5	0.5	<1	6
1045133	Drill Core	2.95	0.107	15.5	11	0.94	742	0.272	7.05	1.695	2.81	0.9	26.8	31	0.7	9.3	7.1	0.5	1	6
1045134	Drill Core	1.80	0.104	11.7	16	0.86	242	0.249	6.31	2.275	2.70	0.9	14.4	25	1.1	9.1	7.2	0.6	<1	6
1045135	Rock Pulp	1.75	0.048	11.7	33	0.88	266	0.192	3.75	1.237	0.72	1.3	37.2	25	57.3	11.6	4.4	0.2	<1	7
1045136	Drill Core	1.57	0.096	8.9	22	0.85	118	0.228	6.28	2.187	2.71	0.5	9.3	20	1.2	7.9	6.7	0.5	<1	6
1045137	Drill Core	1.85	0.113	10.1	10	0.93	91	0.249	6.25	1.990	2.78	1.0	8.7	22	1.3	9.0	7.4	0.5	<1	6
1045138	Drill Core	1.86	0.114	9.9	12	0.90	114	0.247	6.26	1.990	2.68	1.0	9.1	22	1.2	9.6	7.4	0.5	1	6
1045139	Drill Core	1.89	0.111	13.7	9	0.75	210	0.234	6.61	1.967	2.76	1.3	12.1	28	1.1	9.5	7.2	0.5	1	5
1045140	Drill Core	2.03	0.124	15.2	16	0.92	79	0.270	6.29	2.000	2.72	1.7	10.0	31	1.6	11.2	8.6	0.7	<1	6
1045141	Drill Core	1.84	0.128	14.8	14	1.11	664	0.284	6.71	1.978	3.06	0.8	10.3	30	0.9	11.1	9.1	0.7	1	9
1045142	Drill Core	2.31	0.125	13.2	10	0.98	241	0.282	6.82	2.642	2.48	1.2	13.3	28	1.6	10.0	7.6	0.5	1	6
1045143	Drill Core	2.33	0.144	15.9	14	0.94	167	0.279	6.60	2.188	2.69	1.4	14.2	33	1.9	12.4	8.2	0.6	<1	6
1045144	Drill Core	2.23	0.102	12.8	9	0.86	166	0.248	6.39	2.273	2.68	1.2	14.4	26	1.4	9.7	7.5	0.5	<1	6
1045145	Drill Core	1.82	0.102	9.2	13	0.91	326	0.260	6.41	2.528	2.85	0.7	12.0	20	1.4	8.2	7.9	0.6	1	5
1045146	Drill Core	2.06	0.102	12.7	12	0.87	314	0.264	6.60	2.294	2.81	0.6	14.0	26	1.2	9.0	7.6	0.6	1	6
1045147	Drill Core	2.37	0.121	14.0	12	0.87	145	0.272	7.02	2.821	2.67	0.4	12.8	30	1.5	10.6	7.4	0.5	1	6
1045148	Drill Core	1.97	0.108	12.4	14	0.81	438	0.241	6.93	2.782	2.92	0.3	11.0	26	1.1	9.2	6.9	0.5	1	5



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Project: Poplar Drilling
Report Date: November 25, 2011

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CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045119	Drill Core	1.0	46.8	1.0	
1045120	Drill Core	0.7	72.4	1.0	
1045121	Drill Core	0.8	69.3	0.9	
1045122	Drill Core	0.5	62.1	0.9	
1045123	Drill Core	0.4	65.4	1.0	
1045124	Drill Core	0.4	59.0	1.0	
1045125	Drill Core	0.6	89.8	0.9	
1045126	Drill Core	0.6	103.5	1.0	
1045127	Drill Core	0.5	59.6	0.9	
1045128	Drill Core	0.4	129.7	0.8	
1045129	Rock	0.1	0.3	<0.1	
1045130	Drill Core	0.7	69.1	0.9	
1045131	Drill Core	0.7	85.9	1.0	
1045132	Drill Core	0.5	74.5	1.0	
1045133	Drill Core	0.6	70.5	0.9	
1045134	Drill Core	1.1	62.6	0.5	
1045135	Rock Pulp	9.4	22.7	1.0	
1045136	Drill Core	1.6	63.0	0.3	
1045137	Drill Core	1.9	66.1	0.4	
1045138	Drill Core	1.5	60.9	0.3	
1045139	Drill Core	1.2	65.3	0.4	
1045140	Drill Core	2.1	65.0	0.4	
1045141	Drill Core	0.6	63.8	0.4	
1045142	Drill Core	1.2	58.1	0.5	
1045143	Drill Core	1.5	67.6	0.5	
1045144	Drill Core	1.3	62.9	0.5	
1045145	Drill Core	1.0	59.5	0.4	
1045146	Drill Core	1.1	54.5	0.5	
1045147	Drill Core	1.6	59.0	0.4	
1045148	Drill Core	0.9	55.9	0.4	



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SMI11000448.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045149	Drill Core	5.36	0.062	22.5	3721	8.6	47	1.3	7.1	8.4	344	4.02	2	1.1	0.2	5.7	496	0.2	0.3	0.3
1045150	Drill Core	0.39	<0.005	<0.1	11.8	<0.1	<1	<0.1	<0.1	<0.2	22	0.04	2	1.3	<0.1	<0.1	4358	<0.1	<0.1	<0.1
1045151	Drill Core	5.24	0.100	85.9	4593	10.5	59	1.5	6.9	9.2	341	4.10	24	1.0	<0.1	6.2	588	0.2	0.2	0.2
1045152	Drill Core	5.76	0.065	2.5	2611	7.0	46	0.9	8.0	9.7	322	3.91	4	0.8	<0.1	5.7	596	0.1	0.2	0.2
1045153	Drill Core	2.59	0.067	3.2	3147	7.6	47	1.1	8.0	9.1	341	3.77	2	0.8	<0.1	6.2	611	0.1	0.1	0.2
1045154	Drill Core	5.54	0.087	2.0	3546	8.2	66	1.6	10.0	15.1	441	4.66	4	0.9	0.4	6.1	555	0.1	0.1	0.3
1045155	Drill Core	5.60	0.106	12.6	3918	9.2	67	1.5	8.7	26.8	529	4.92	3	0.9	<0.1	5.0	694	0.1	0.4	0.3
1045156	Drill Core	6.19	0.291	7.0	5506	3907	4905	38.2	9.8	12.0	>10000	4.85	659	1.3	0.2	5.7	332	39.2	215.3	1.5
1045157	Drill Core	7.31	0.538	1.5	>10000	7475	3753	32.7	10.4	12.1	4751	4.89	219	1.0	0.4	9.6	958	29.1	138.0	2.7
1045158	Drill Core	7.02	0.420	0.9	>10000	158.1	164	5.4	11.8	11.4	616	5.50	74	0.7	0.2	6.7	581	1.1	5.6	0.5
1045159	Rock Pulp	0.36	0.939	22.7	5386	6533	>10000	78.1	48.5	19.7	575	9.46	272	2.1	2.4	2.2	194	248.4	131.5	27.9
1045160	Drill Core	5.76	0.447	1.8	>10000	20.6	84	2.7	11.9	13.7	350	5.27	2	1.1	0.1	11.0	483	0.4	1.3	0.3
1045161	Drill Core	6.83	0.134	11.8	4111	11.8	60	1.6	7.9	10.3	409	4.10	3	1.0	<0.1	5.6	598	0.2	0.3	0.3
1045162	Drill Core	5.61	0.091	2.7	3922	22.4	178	1.0	8.1	11.0	487	3.65	112	1.1	<0.1	5.1	762	0.8	0.3	0.2
1045163	Drill Core	6.02	0.377	9.8	4983	428.0	1804	8.3	7.8	10.1	681	3.62	717	1.0	<0.1	4.3	534	13.4	40.3	0.4
1045164	Drill Core	5.06	0.040	5.0	2465	44.8	231	1.2	8.7	10.7	432	3.82	129	1.4	<0.1	5.5	577	1.1	3.9	0.2
1045165	Drill Core	5.15	0.052	10.5	3231	55.7	132	2.3	9.0	12.4	848	4.26	56	1.6	<0.1	5.3	599	0.7	3.1	0.2
1045166	Drill Core	6.53	0.088	9.8	3404	12.8	76	1.0	9.5	10.9	475	4.02	184	1.3	<0.1	5.5	2576	0.3	1.4	0.3
1045167	Drill Core	5.61	0.074	38.5	2831	14.4	82	1.1	9.3	13.1	466	4.00	451	1.4	<0.1	5.3	1949	0.2	14.1	0.4
1045168	Drill Core	5.67	0.051	447.2	2619	88.6	218	4.3	10.1	16.5	1168	4.91	279	1.5	<0.1	5.5	251	1.2	19.2	0.5
1045169	Drill Core	4.95	0.055	590.2	2533	15.3	61	1.3	8.4	11.0	509	3.91	84	1.6	0.1	5.5	3156	0.5	1.9	0.4
1045170	Drill Core	1.34	0.108	731.6	3745	242.2	618	4.3	7.3	7.1	712	3.72	188	2.0	0.1	6.0	307	5.7	18.9	0.3
1045171	Drill Core	5.52	0.160	804.3	4992	17.4	87	2.1	8.4	11.4	399	2.25	342	1.2	0.2	5.2	583	0.5	6.8	0.4
1045172	Drill Core	5.58	0.177	434.2	5694	73.8	386	2.4	8.2	14.7	541	1.96	794	1.3	0.2	5.0	1150	2.2	159.8	0.3
1045173	Drill Core	4.69	0.265	613.1	8918	362.0	2184	6.1	8.1	11.8	548	2.08	1041	1.2	0.2	5.3	1079	13.8	39.7	0.3
1045174	Drill Core	4.99	0.253	502.1	6423	113.1	665	2.8	9.0	18.6	525	2.42	589	1.1	0.4	5.5	2742	2.4	51.6	0.2
1045175	Rock	0.41	<0.005	2.0	22.8	1.2	7	<0.1	0.9	0.4	30	0.07	9	1.6	<0.1	<0.1	4359	<0.1	0.2	<0.1
1045176	Drill Core	3.32	0.144	536.8	4812	20.6	120	1.4	6.6	13.3	262	2.14	395	1.4	0.2	5.4	4134	0.4	18.3	0.1
1045177	Drill Core	2.14	0.138	452.8	5102	15.3	104	1.3	7.0	13.8	255	2.21	413	1.4	0.2	5.6	4134	0.4	15.5	0.2
1045178	Drill Core	4.46	0.205	528.7	7237	106.5	351	2.0	9.5	11.8	332	2.26	747	1.7	0.3	5.1	2631	0.8	49.4	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045149	Drill Core	2.02	0.103	10.8	9	0.82	675	0.249	6.53	2.546	2.66	0.3	13.9	22	1.0	8.7	7.0	0.5	<1	5
1045150	Drill Core	33.58	0.002	0.2	<1	1.66	8	0.001	0.09	0.004	<0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045151	Drill Core	2.07	0.105	15.0	10	1.01	754	0.310	6.68	2.749	2.40	0.3	14.0	29	1.1	10.0	8.1	0.6	<1	7
1045152	Drill Core	1.90	0.132	12.5	14	1.00	1129	0.342	7.12	3.052	2.59	0.2	13.0	26	0.8	12.7	8.3	0.5	<1	7
1045153	Drill Core	1.97	0.136	13.3	10	1.00	1204	0.337	7.40	3.148	2.79	0.2	12.7	28	1.0	12.9	8.3	0.6	1	7
1045154	Drill Core	2.22	0.190	17.2	12	1.31	899	0.407	7.65	3.281	2.59	0.2	16.1	39	1.1	18.6	9.6	0.6	1	9
1045155	Drill Core	2.87	0.171	15.2	9	1.23	1014	0.378	7.85	3.025	2.34	0.2	17.8	33	1.2	16.0	7.9	0.5	1	9
1045156	Drill Core	1.48	0.132	15.1	11	0.89	787	0.287	6.74	0.253	2.60	4.9	13.8	31	1.1	13.2	7.2	0.5	2	7
1045157	Drill Core	2.07	0.205	16.7	9	1.05	673	0.277	6.85	1.795	2.74	1.1	11.8	38	1.7	19.2	9.0	0.6	<1	8
1045158	Drill Core	2.21	0.203	16.5	13	1.04	808	0.270	7.23	1.572	2.95	0.8	6.0	37	2.3	18.3	9.1	0.5	1	7
1045159	Rock Pulp	1.78	0.053	12.0	36	0.89	139	0.224	3.96	1.278	0.79	1.0	34.7	25	57.0	13.4	4.6	0.2	<1	8
1045160	Drill Core	1.98	0.193	16.3	12	0.92	909	0.253	6.54	2.307	2.60	0.3	10.7	36	1.9	18.7	8.3	0.6	1	7
1045161	Drill Core	2.12	0.137	14.2	10	0.99	1008	0.310	7.43	3.171	2.50	0.3	13.7	31	1.1	13.4	8.1	0.5	2	7
1045162	Drill Core	2.34	0.140	13.9	17	0.92	1055	0.321	7.22	2.999	2.53	0.5	15.9	31	1.0	13.5	9.0	0.6	1	6
1045163	Drill Core	2.32	0.078	12.9	11	0.75	1016	0.277	7.59	1.465	3.19	2.4	14.0	28	1.0	9.2	8.4	0.5	2	6
1045164	Drill Core	2.47	0.128	16.3	12	0.90	1304	0.302	7.36	2.261	3.48	0.4	19.4	36	1.0	13.5	8.2	0.5	<1	7
1045165	Drill Core	3.44	0.137	22.6	9	0.96	725	0.281	7.15	1.715	3.37	0.5	21.6	47	0.9	15.7	7.3	0.4	<1	6
1045166	Drill Core	2.71	0.144	27.6	11	0.85	1413	0.282	7.30	0.696	3.53	1.1	20.3	58	1.1	16.3	7.0	0.4	<1	6
1045167	Drill Core	2.77	0.141	21.1	11	0.93	1504	0.264	7.15	1.008	3.59	0.7	18.4	46	0.9	14.4	7.4	0.5	<1	6
1045168	Drill Core	2.82	0.138	20.0	10	1.01	1031	0.201	7.19	0.285	3.73	2.2	19.3	42	1.3	12.7	5.6	0.3	<1	6
1045169	Drill Core	2.46	0.136	19.7	10	0.88	1213	0.246	7.36	1.202	3.20	1.0	24.1	42	1.3	13.1	6.5	0.4	1	6
1045170	Drill Core	2.58	0.114	22.4	9	0.94	597	0.205	7.44	0.299	3.92	0.6	23.3	43	1.0	11.6	6.4	0.4	<1	7
1045171	Drill Core	2.21	0.088	19.4	4	0.75	149	0.140	7.58	0.887	4.35	0.8	13.8	38	0.9	7.6	4.4	0.2	<1	4
1045172	Drill Core	2.25	0.110	26.4	9	0.76	291	0.182	7.88	0.612	3.26	1.5	24.5	51	1.2	9.3	3.6	0.3	<1	6
1045173	Drill Core	2.37	0.092	42.0	5	0.82	111	0.133	7.07	0.343	3.52	1.2	14.0	75	1.7	10.3	3.1	0.2	<1	5
1045174	Drill Core	2.09	0.088	33.8	6	0.69	104	0.151	7.22	0.994	3.67	3.5	15.0	63	1.2	9.3	4.9	0.3	<1	4
1045175	Rock	37.16	0.002	0.6	<1	1.79	12	<0.001	0.04	0.004	<0.01	<0.1	0.5	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045176	Drill Core	1.51	0.103	30.8	5	0.51	129	0.146	7.74	1.086	3.55	7.8	17.5	57	1.2	9.8	3.0	0.2	1	5
1045177	Drill Core	1.47	0.107	33.2	5	0.51	141	0.141	7.57	1.193	3.34	7.1	17.1	61	1.2	10.9	2.9	0.2	2	5
1045178	Drill Core	2.13	0.122	32.4	7	0.66	181	0.165	7.67	0.650	2.85	9.9	31.3	62	1.6	10.9	3.3	0.2	1	6



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CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045149	Drill Core	0.7	54.3	0.4	
1045150	Drill Core	<0.1	<0.1	<0.1	
1045151	Drill Core	0.7	52.8	0.5	
1045152	Drill Core	0.6	64.9	0.4	
1045153	Drill Core	0.6	67.9	0.4	
1045154	Drill Core	0.7	72.8	0.5	
1045155	Drill Core	0.8	65.6	0.6	
1045156	Drill Core	1.1	102.4	0.3	
1045157	Drill Core	1.3	61.4	0.4	1.100
1045158	Drill Core	1.4	54.5	0.2	1.692
1045159	Rock Pulp	9.4	24.5	1.0	
1045160	Drill Core	1.1	56.8	0.4	1.334
1045161	Drill Core	0.6	57.9	0.5	
1045162	Drill Core	0.5	54.1	0.5	
1045163	Drill Core	0.7	78.0	0.4	
1045164	Drill Core	0.6	70.7	0.6	
1045165	Drill Core	1.4	61.0	0.6	
1045166	Drill Core	0.5	65.7	0.6	
1045167	Drill Core	0.8	58.1	0.6	
1045168	Drill Core	1.5	101.8	0.6	
1045169	Drill Core	1.0	60.7	0.8	
1045170	Drill Core	0.6	123.2	0.8	
1045171	Drill Core	1.0	120.1	0.5	
1045172	Drill Core	0.9	109.0	0.8	
1045173	Drill Core	1.1	113.9	0.5	
1045174	Drill Core	1.4	111.3	0.5	
1045175	Rock	<0.1	0.4	<0.1	
1045176	Drill Core	1.2	108.1	0.7	
1045177	Drill Core	1.3	104.8	0.6	
1045178	Drill Core	1.2	92.0	0.9	



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045179	Rock Pulp	0.14	0.882	167.2	3588	53.3	129	3.2	28.0	20.5	496	5.16	58	1.2	1.3	2.9	227	0.9	7.0	0.6
1045180	Drill Core	6.67	0.124	2435	4554	66.0	201	1.9	5.6	10.4	386	1.72	331	1.3	<0.1	10.9	1517	1.8	55.7	0.2



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CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045179	Rock Pulp	0.50	0.114	17.5	46	0.88	55	0.252	7.87	1.195	5.98	28.3	23.3	34	3.0	14.7	3.3	0.2	1	14
1045180	Drill Core	2.19	0.128	82.1	5	0.74	322	0.125	6.84	1.127	3.16	2.8	24.8	142	1.1	15.4	2.5	0.1	1	5



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: November 25, 2011

Page: 4 of 4 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000448.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045179	Rock Pulp	2.6	179.6	0.8	
1045180	Drill Core	0.8	92.0	0.8	



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QUALITY CONTROL REPORT

SMI11000448.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Pulp Duplicates																				
1045132	Drill Core	4.77	0.014	1.0	734.1	9.7	88	1.0	7.9	8.0	999	3.09	135	1.5	<0.1	5.5	1239	0.6	6.9	0.2
REP 1045132	QC	0.015																		
1045148	Drill Core	4.80	0.083	12.4	3994	9.8	44	1.5	7.1	9.1	282	3.45	2	0.9	<0.1	6.2	473	0.1	0.2	0.3
REP 1045148	QC	10.1			3947	9.8	42	1.5	6.5	9.5	285	3.42	2	0.9	<0.1	6.3	473	<0.1	0.2	0.3
1045156	Drill Core	6.19	0.291	7.0	5506	3907	4905	38.2	9.8	12.0	>10000	4.85	659	1.3	0.2	5.7	332	39.2	215.3	1.5
REP 1045156	QC	0.284																		
1045158	Drill Core	7.02	0.420	0.9	>10000	158.1	164	5.4	11.8	11.4	616	5.50	74	0.7	0.2	6.7	581	1.1	5.6	0.5
REP 1045158	QC	0.9			>10000	138.0	164	5.7	10.8	11.4	599	5.49	73	0.8	0.5	7.5	549	1.2	5.2	0.4
1045171	Drill Core	5.52	0.160	804.3	4992	17.4	87	2.1	8.4	11.4	399	2.25	342	1.2	0.2	5.2	583	0.5	6.8	0.4
REP 1045171	QC	845.6		4986	16.8	82	2.4	8.7	11.0	408	2.25	338	1.2	0.2	5.1	570	0.3	7.0	0.4	
Core Reject Duplicates																				
1045147	Drill Core	5.17	0.078	24.2	3737	11.3	97	1.6	8.8	15.2	291	4.15	<1	0.9	0.5	5.4	552	0.6	0.2	0.3
DUP 1045147	QC	0.098		19.4	3793	11.4	83	1.6	8.2	14.5	289	3.99	<1	1.0	<0.1	6.2	556	0.6	0.2	0.3
Reference Materials																				
STD OREAS131B	Standard																			
STD OREAS24P	Standard			1.2	56.1	2.4	117	<0.1	141.9	45.6	1069	7.29	2	0.6	<0.1	2.3	393	0.1	<0.1	<0.1
STD OREAS24P	Standard			1.6	51.7	2.8	124	<0.1	138.7	45.2	1059	7.57	2	0.6	<0.1	2.7	369	<0.1	0.1	<0.1
STD OREAS24P	Standard			0.9	52.1	3.3	126	0.1	140.2	43.0	1125	7.45	2	0.7	<0.1	3.0	328	0.1	0.1	<0.1
STD OREAS45C	Standard			2.0	596.8	20.4	86	0.4	332.1	99.4	1081	17.80	12	2.0	<0.1	9.2	42	0.2	1.1	0.2
STD OREAS45C	Standard			2.3	614.3	24.6	96	0.4	329.9	103.0	1123	18.30	11	2.2	<0.1	10.2	37	0.2	0.8	0.2
STD OREAS45C	Standard			1.9	621.4	29.9	91	0.4	347.0	104.4	1188	18.22	11	2.6	<0.1	12.9	38	0.1	0.7	0.2
STD OXH82	Standard	1.318																		
STD OXH82	Standard	1.297																		
STD OXH82	Standard	1.299																		
STD OXK79	Standard	3.580																		
STD OXK79	Standard	3.656																		
STD OXK79	Standard	3.630																		
STD OXK79	Standard	3.536																		



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Project: Poplar Drilling

Report Date: November 25, 2011

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QUALITY CONTROL REPORT

SMI11000448.1

Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1045132	Drill Core	3.13	0.109	13.7	10	0.97	873	0.262	6.87	1.348	2.88	1.1	26.8	28	0.6	9.5	7.5	0.5	<1	6	201.5
REP 1045132	QC																				
1045148	Drill Core	1.97	0.108	12.4	14	0.81	438	0.241	6.93	2.782	2.92	0.3	11.0	26	1.1	9.2	6.9	0.5	1	5	8.4
REP 1045148	QC	1.96	0.105	12.7	14	0.81	471	0.246	6.89	2.791	2.90	0.3	11.9	26	1.1	9.4	7.0	0.5	<1	5	8.2
1045156	Drill Core	1.48	0.132	15.1	11	0.89	787	0.287	6.74	0.253	2.60	4.9	13.8	31	1.1	13.2	7.2	0.5	2	7	60.3
REP 1045156	QC																				
1045158	Drill Core	2.21	0.203	16.5	13	1.04	808	0.270	7.23	1.572	2.95	0.8	6.0	37	2.3	18.3	9.1	0.5	1	7	31.5
REP 1045158	QC	2.21	0.212	16.5	11	1.04	832	0.267	7.29	1.530	2.88	0.6	6.0	36	2.4	18.2	9.0	0.5	1	7	32.7
1045171	Drill Core	2.21	0.088	19.4	4	0.75	149	0.140	7.58	0.887	4.35	0.8	13.8	38	0.9	7.6	4.4	0.2	<1	4	102.7
REP 1045171	QC	2.16	0.090	17.6	5	0.75	174	0.140	7.39	0.865	4.32	0.8	13.8	35	1.1	7.4	4.4	0.3	1	4	99.5
Core Reject Duplicates																					
1045147	Drill Core	2.37	0.121	14.0	12	0.87	145	0.272	7.02	2.821	2.67	0.4	12.8	30	1.5	10.6	7.4	0.5	1	6	10.1
DUP 1045147	QC	2.36	0.123	14.9	10	0.89	273	0.277	7.19	2.836	2.70	0.4	12.0	30	1.3	10.7	7.5	0.5	1	6	10.3
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS24P	Standard	5.31	0.125	18.9	195	3.85	267	0.987	7.46	2.520	0.66	0.4	133.4	35	1.4	24.9	18.5	0.9	<1	20	7.5
STD OREAS24P	Standard	5.58	0.126	19.6	188	4.11	276	1.073	7.50	2.428	0.68	0.5	135.4	36	1.6	21.9	19.0	1.2	1	20	7.4
STD OREAS24P	Standard	5.83	0.127	20.0	198	4.03	290	1.053	7.58	2.480	0.67	0.4	139.3	38	1.7	22.9	19.4	1.1	2	21	7.4
STD OREAS45C	Standard	0.49	0.048	26.1	768	0.27	271	1.093	7.09	0.092	0.34	0.9	162.9	50	2.7	14.2	21.7	1.3	1	56	15.6
STD OREAS45C	Standard	0.47	0.046	28.5	898	0.27	288	1.179	6.97	0.103	0.33	1.1	171.6	52	3.0	13.2	22.7	1.5	<1	59	15.1
STD OREAS45C	Standard	0.49	0.052	30.4	906	0.28	313	1.168	7.39	0.109	0.37	1.4	175.9	56	3.1	14.8	24.0	1.5	<1	61	16.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				



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Project: Poplar Drilling

Report Date: November 25, 2011

Page: 1 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000448.1

Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
1045132	Drill Core	0.5	74.5	1.0	
REP 1045132	QC				
1045148	Drill Core	0.9	55.9	0.4	
REP 1045148	QC	0.9	57.2	0.4	
1045156	Drill Core	1.1	102.4	0.3	
REP 1045156	QC				
1045158	Drill Core	1.4	54.5	0.2	1.692
REP 1045158	QC	1.4	52.9	0.2	
1045171	Drill Core	1.0	120.1	0.5	
REP 1045171	QC	1.0	120.7	0.5	
Core Reject Duplicates					
1045147	Drill Core	1.6	59.0	0.4	
DUP 1045147	QC	1.4	60.8	0.4	
Reference Materials					
STD OREAS131B	Standard				0.022
STD OREAS24P	Standard	<0.1	21.9	2.9	
STD OREAS24P	Standard	<0.1	20.3	3.3	
STD OREAS24P	Standard	<0.1	24.8	3.6	
STD OREAS45C	Standard	<0.1	24.5	3.6	
STD OREAS45C	Standard	<0.1	23.3	4.5	
STD OREAS45C	Standard	<0.1	28.1	4.8	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				



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QUALITY CONTROL REPORT

SMI11000448.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD SU-1B	Standard																			
STD OREAS131B Expected																				
STD SU-1B Expected																				
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank																			
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	1.7	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1
Prep Wash																				
G1	Prep Blank		<0.005	0.3	5.0	19.3	55	<0.1	3.6	4.8	752	2.29	<1	2.3	<0.1	6.9	678	0.2	0.2	0.3
G1	Prep Blank		<0.005	0.5	12.0	20.4	56	<0.1	3.8	4.8	774	2.38	<1	2.4	<0.1	6.9	661	0.1	<0.1	0.2



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Project: Poplar Drilling

Report Date: November 25, 2011

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QUALITY CONTROL REPORT

SMI11000448.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD SU-1B	Standard																				
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.28	0.080	21.8	9	0.61	1002	0.259	6.78	2.692	3.07	0.2	13.1	46	1.6	13.8	24.2	1.5	3	5	34.8
G1	Prep Blank	2.26	0.073	19.9	6	0.61	1064	0.253	6.80	2.643	3.17	0.5	12.3	45	1.5	13.3	24.6	1.5	3	5	34.8



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QUALITY CONTROL REPORT

SMI11000448.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD SU-1B	Standard				1.175
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				
BLK	Blank				
BLK	Blank				<0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
Prep Wash					
G1	Prep Blank	<0.1	105.3	0.8	
G1	Prep Blank	<0.1	106.3	0.7	



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: September 16, 2011
Report Date: November 13, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000456.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_2
P.O. Number
Number of Samples: 58

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	55	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	58	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	58	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000456.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045061	Drill Core	7.09	0.039	143.4	2504	13.1	38	0.8	7.2	12.6	281	2.13	2	1.7	<0.1	5.2	559	<0.1	0.6	0.3
1045062	Drill Core	7.45	0.050	286.4	3130	14.7	39	1.0	7.3	16.3	270	2.20	2	1.6	<0.1	4.7	523	0.2	0.6	0.2
1045063	Drill Core	7.32	0.041	252.3	2623	12.4	43	1.1	6.5	16.7	224	2.06	2	2.0	<0.1	4.9	512	0.2	0.8	0.2
1045064	Rock	0.76	<0.005	0.6	8.2	0.4	1	<0.1	0.2	<0.2	23	0.02	3	1.4	<0.1	<0.1	4116	<0.1	0.1	1.5
1045065	Drill Core	7.20	0.040	343.4	2320	14.2	41	1.0	7.5	17.1	241	2.14	2	1.6	<0.1	4.9	524	0.1	0.7	0.5
1045066	Drill Core	7.29	0.042	207.4	2261	47.9	71	1.4	7.0	14.8	377	2.45	3	1.4	<0.1	4.8	496	0.5	1.0	0.5
1045067	Drill Core	6.27	0.040	153.8	2677	12.1	41	0.7	7.6	12.5	215	2.21	1	1.6	<0.1	4.9	533	0.3	0.6	0.1
1045068	Drill Core	7.02	0.051	147.8	2831	24.7	57	1.2	7.8	13.1	458	2.22	2	1.7	<0.1	5.0	535	0.3	1.0	0.1
1045069	Drill Core	6.52	0.044	246.6	2830	33.3	100	1.5	7.5	14.7	497	2.20	3	1.7	<0.1	5.0	635	0.8	2.6	0.4
1045070	Rock Pulp	0.10	0.860	22.7	5080	5943	>10000	67.4	46.8	19.1	512	8.70	431	2.2	0.9	2.1	143	224.2	104.9	24.8
1045071	Drill Core	5.93	0.034	104.9	2490	16.8	52	0.9	7.5	15.1	202	2.37	3	1.8	<0.1	4.9	572	0.3	0.6	1.3
1045072	Drill Core	6.23	0.035	175.8	2492	13.5	36	0.9	9.1	15.9	194	2.18	3	1.5	<0.1	4.8	574	0.1	0.6	0.3
1045073	Drill Core	3.37	0.026	161.7	2420	12.6	38	0.7	10.1	16.7	198	2.20	2	1.6	<0.1	5.0	588	<0.1	0.6	0.2
1045074	Drill Core	6.62	0.030	256.6	2815	99.0	263	3.2	10.6	10.9	962	2.05	12	1.4	<0.1	4.9	612	1.7	3.3	0.2
1045075	Drill Core	6.34	0.049	94.7	2919	27.4	111	1.1	12.5	12.6	346	2.39	7	1.6	<0.1	5.6	483	1.0	0.9	0.3
1045076	Drill Core	7.30	0.092	300.6	5085	22.7	59	1.8	11.5	10.3	290	2.23	73	1.5	0.2	5.3	649	0.1	0.8	0.2
1045077	Drill Core	3.50	0.075	240.7	3828	80.2	142	2.5	11.0	12.8	311	2.49	11	1.7	<0.1	5.6	485	1.2	14.0	0.3
1045078	Drill Core	5.13	0.051	102.6	2805	11.4	48	0.9	12.4	12.0	279	2.75	205	1.7	<0.1	5.3	512	<0.1	5.1	0.2
1045079	Rock	0.31	<0.005	1.8	11.4	1.7	8	0.1	<0.1	<0.2	24	0.02	2	1.3	<0.1	0.1	3585	0.2	0.2	<0.1
1045080	Drill Core	4.10	0.040	276.6	2654	16.9	107	1.1	9.3	9.3	491	2.16	732	2.6	<0.1	5.7	732	0.4	69.3	0.1
1045081	Drill Core	5.01	0.064	163.2	3697	10.9	64	1.0	11.5	14.7	238	2.57	201	1.7	0.1	5.1	566	0.4	10.9	0.2
1045082	Drill Core	4.45	0.038	116.0	1897	9.9	41	0.6	8.7	10.8	246	2.55	94	1.4	<0.1	5.0	595	0.2	1.8	0.2
1045083	Drill Core	7.47	0.051	89.3	2372	13.0	35	0.7	3.8	7.1	221	1.70	1	0.8	<0.1	4.9	506	<0.1	0.4	0.2
1045084	Drill Core	6.16	0.042	74.5	2438	21.7	59	0.8	3.6	9.7	217	1.65	3	0.9	<0.1	4.8	469	0.3	0.8	0.3
1045085	Drill Core	5.70	0.077	217.6	4470	20.7	43	1.3	3.7	8.5	213	1.48	2	0.8	<0.1	4.6	460	<0.1	0.8	0.2
1045086	Drill Core	5.82	0.071	397.1	3490	13.8	37	0.8	4.3	8.4	151	1.20	2	0.7	<0.1	4.7	401	0.1	0.2	0.1
1045087	Drill Core	6.82	0.064	159.7	3474	13.3	35	0.8	4.4	7.2	178	1.55	2	0.8	<0.1	5.0	432	<0.1	0.3	0.1
1045088	Drill Core	3.19	0.082	205.3	4137	36.8	73	2.1	4.4	7.5	286	1.46	12	0.8	0.1	4.4	369	0.4	7.6	0.2
1045089	Drill Core	3.22	0.079	207.4	4472	29.4	71	1.8	3.8	7.4	264	1.46	8	0.8	<0.1	4.8	393	0.6	6.5	0.2
1045090	Drill Core	4.14	0.079	140.5	4002	43.6	118	2.0	4.6	10.0	490	1.96	26	1.2	0.2	4.3	377	0.8	7.3	0.2



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Project: Poplar Drilling
Report Date: November 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000456.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045061	Drill Core	3.32	0.120	20.3	11	0.94	275	0.214	7.19	2.611	2.56	0.3	26.0	38	1.0	12.0	3.6	0.2	1	7
1045062	Drill Core	3.48	0.122	27.1	13	0.91	187	0.199	7.13	2.717	2.73	0.6	27.1	51	1.1	12.8	2.9	0.2	2	7
1045063	Drill Core	3.24	0.128	29.6	12	0.94	238	0.180	7.21	2.641	2.95	0.3	26.5	55	0.9	12.5	2.3	0.2	1	7
1045064	Rock	34.11	0.002	1.2	<1	1.49	9	0.001	0.05	0.007	0.01	<0.1	0.3	1	<0.1	0.6	0.1	<0.1	<1	<1
1045065	Drill Core	3.19	0.117	26.5	11	0.90	274	0.182	7.01	2.700	2.68	0.4	27.1	49	0.9	11.2	2.6	0.2	1	7
1045066	Drill Core	3.36	0.122	23.9	12	0.90	575	0.221	7.10	2.565	2.52	0.8	26.4	46	1.0	12.1	4.5	0.3	<1	7
1045067	Drill Core	3.78	0.117	26.6	11	0.94	241	0.240	7.09	2.902	2.53	0.3	26.2	51	1.0	14.0	4.6	0.3	<1	7
1045068	Drill Core	3.15	0.123	24.4	12	0.92	432	0.233	7.34	2.854	2.94	0.5	29.4	47	1.1	12.5	4.3	0.3	1	7
1045069	Drill Core	3.59	0.118	25.2	11	0.94	240	0.213	7.12	2.616	2.74	0.5	28.0	49	0.9	12.5	3.5	0.2	2	7
1045070	Rock Pulp	1.78	0.049	10.7	32	0.85	37	0.179	3.72	1.226	0.67	1.1	29.7	22	50.0	10.4	4.6	0.2	<1	8
1045071	Drill Core	3.15	0.126	20.3	12	0.95	135	0.181	7.39	2.803	2.68	0.4	29.4	40	1.2	12.5	2.7	0.2	1	7
1045072	Drill Core	3.44	0.115	23.2	15	0.90	154	0.180	6.82	2.434	3.00	0.6	29.7	45	0.9	12.4	3.1	0.2	1	6
1045073	Drill Core	3.68	0.114	25.2	16	0.88	138	0.192	6.85	2.478	2.71	0.6	29.2	49	1.0	12.9	3.1	0.2	1	6
1045074	Drill Core	3.54	0.096	23.5	16	0.96	249	0.187	6.65	1.115	3.08	1.4	25.5	44	1.1	10.3	2.9	0.2	<1	7
1045075	Drill Core	2.91	0.108	20.1	19	1.05	347	0.250	7.06	1.841	2.77	0.6	28.5	40	1.1	11.2	4.6	0.3	1	7
1045076	Drill Core	2.36	0.100	33.7	18	0.87	407	0.227	7.18	1.825	3.32	0.7	23.9	61	1.2	10.2	3.9	0.3	1	7
1045077	Drill Core	2.81	0.108	22.5	18	1.12	512	0.256	7.13	1.665	2.93	0.8	23.6	42	1.3	10.9	4.8	0.3	1	8
1045078	Drill Core	2.58	0.111	18.3	21	0.88	498	0.257	6.99	1.464	2.63	1.8	25.4	37	1.5	10.0	5.7	0.4	<1	8
1045079	Rock	33.07	0.004	0.9	<1	1.69	7	0.003	0.09	0.021	0.03	<0.1	0.5	1	<0.1	0.5	0.2	<0.1	<1	<1
1045080	Drill Core	2.62	0.105	28.8	18	0.78	934	0.244	7.15	0.159	1.97	1.7	27.1	54	1.0	11.0	5.3	0.4	<1	7
1045081	Drill Core	2.71	0.104	22.9	20	0.82	338	0.231	6.62	1.826	2.41	0.8	23.4	48	1.3	10.9	4.5	0.3	<1	7
1045082	Drill Core	2.93	0.101	19.6	19	0.86	544	0.248	6.73	2.098	2.45	0.7	28.0	40	1.2	11.2	6.3	0.4	1	7
1045083	Drill Core	2.76	0.087	20.8	10	0.59	825	0.174	7.09	2.914	2.80	0.9	13.2	41	1.1	10.0	5.1	0.3	1	4
1045084	Drill Core	2.44	0.076	18.4	7	0.51	604	0.155	6.92	2.664	2.53	1.0	13.3	37	1.1	8.6	3.3	0.2	<1	4
1045085	Drill Core	2.55	0.081	22.6	8	0.50	365	0.133	6.99	2.712	2.78	0.5	13.6	45	1.0	9.7	2.8	0.2	<1	4
1045086	Drill Core	2.92	0.075	25.1	5	0.52	232	0.125	6.97	2.904	3.12	0.6	11.1	49	0.7	10.4	2.9	0.2	1	3
1045087	Drill Core	2.51	0.081	23.9	10	0.54	328	0.134	6.98	2.800	3.06	0.5	12.9	48	1.0	10.7	3.0	0.2	<1	4
1045088	Drill Core	2.34	0.081	23.0	4	0.57	733	0.150	6.65	2.052	2.83	0.6	16.5	47	1.0	9.1	2.9	0.2	<1	4
1045089	Drill Core	2.35	0.085	25.1	5	0.58	805	0.154	7.03	2.219	2.95	0.4	17.2	50	1.0	9.8	2.8	0.2	1	5
1045090	Drill Core	3.05	0.103	21.6	5	0.79	552	0.210	6.85	1.757	2.26	1.3	26.4	45	1.0	10.4	4.5	0.3	1	6



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CERTIFICATE OF ANALYSIS

SMI11000456.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045061	Drill Core	1.9	71.1	0.9
1045062	Drill Core	2.5	71.3	0.9
1045063	Drill Core	2.3	72.4	0.9
1045064	Rock	<0.1	0.5	<0.1
1045065	Drill Core	2.1	64.8	0.9
1045066	Drill Core	2.1	79.6	0.9
1045067	Drill Core	2.5	65.4	1.0
1045068	Drill Core	2.0	76.4	1.0
1045069	Drill Core	2.2	77.8	0.9
1045070	Rock Pulp	9.5	20.3	1.0
1045071	Drill Core	2.4	70.5	0.9
1045072	Drill Core	2.6	71.6	0.9
1045073	Drill Core	2.8	67.0	0.9
1045074	Drill Core	2.2	103.7	0.8
1045075	Drill Core	1.6	75.3	1.0
1045076	Drill Core	1.3	83.1	0.9
1045077	Drill Core	1.4	80.6	0.8
1045078	Drill Core	1.4	74.5	0.8
1045079	Rock	<0.1	0.8	<0.1
1045080	Drill Core	0.8	56.9	0.9
1045081	Drill Core	1.8	61.3	0.8
1045082	Drill Core	1.5	60.8	0.9
1045083	Drill Core	1.6	63.1	0.4
1045084	Drill Core	1.6	57.2	0.5
1045085	Drill Core	1.7	52.2	0.5
1045086	Drill Core	2.1	56.0	0.4
1045087	Drill Core	1.8	63.1	0.5
1045088	Drill Core	1.3	67.7	0.6
1045089	Drill Core	1.3	70.4	0.6
1045090	Drill Core	0.9	65.5	0.9



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045091	Drill Core	4.64	0.094	200.8	4406	12.0	37	1.2	5.4	9.8	223	2.18	2	1.1	<0.1	4.7	442	<0.1	0.4	0.2
1045092	Drill Core	5.45	0.102	373.3	4374	36.1	102	1.7	5.4	7.9	273	1.88	28	0.8	<0.1	5.3	481	0.3	0.5	0.2
1045093	Drill Core	5.45	0.070	140.8	3283	18.2	61	1.1	6.0	8.1	393	2.57	80	1.0	<0.1	5.1	518	0.3	1.3	0.3
1045094	Drill Core	6.82	0.069	103.1	3417	203.0	624	2.6	7.9	11.3	1384	3.37	537	1.0	<0.1	4.9	524	3.3	5.3	0.4
1045095	Rock Pulp	0.08	0.830	158.9	3484	47.1	129	3.8	26.8	21.4	492	4.91	66	1.1	1.1	2.3	195	0.5	7.0	0.5
1045096	Drill Core	7.43	0.037	176.9	1486	106.3	220	1.1	7.3	11.0	708	3.29	272	1.2	0.1	5.1	493	0.6	3.1	0.2
1045097	Drill Core	6.97	0.041	604.6	2133	201.5	447	2.1	5.8	8.0	893	2.44	495	1.6	0.1	5.2	613	2.9	37.9	0.2
1045098	Drill Core	5.38	0.037	111.5	1532	101.1	309	1.3	6.8	8.7	487	2.51	244	1.3	<0.1	4.9	512	1.9	12.4	0.1
1045099	Rock	0.51	<0.005	0.3	3.2	0.5	1	<0.1	<0.1	0.6	31	0.06	<1	1.3	<0.1	<0.1	3227	<0.1	<0.1	<0.1
1045100	Drill Core	5.26	0.038	117.7	1545	346.1	389	4.5	6.4	7.4	573	2.49	253	1.6	<0.1	5.0	535	2.1	22.1	<0.1
1045101	Drill Core	6.89	0.053	64.9	2058	14.6	120	0.9	6.1	8.3	759	2.51	271	1.2	<0.1	5.1	420	0.3	31.1	<0.1
1045102	Drill Core	7.16	0.037	31.9	1659	87.5	262	0.8	7.1	9.4	414	2.88	170	1.1	<0.1	5.5	1026	2.2	5.5	0.1
1045103	Drill Core	7.41	0.043	155.8	2214	17.8	141	1.1	6.5	8.3	653	2.42	429	1.4	<0.1	5.7	486	0.4	16.8	0.2
1045104	Drill Core	5.23	0.075	16.2	3285	42.8	197	3.2	7.3	8.6	675	2.79	351	0.9	<0.1	4.6	489	0.7	9.0	0.1
1045105	Drill Core	6.77	0.071	73.6	2945	44.1	241	2.3	7.8	8.6	1429	2.78	296	1.0	<0.1	4.3	183	1.7	15.2	0.2
1045106	Drill Core	5.76	0.008	1.0	403.7	18.0	112	0.3	8.5	10.0	532	3.07	9	2.1	0.1	6.6	602	0.7	0.8	0.4
1045107	Drill Core	4.03	0.019	2.3	592.3	8.4	29	0.3	9.1	6.4	346	2.94	2	1.8	<0.1	6.1	450	0.1	0.3	0.4
1045108	Drill Core	2.08	<0.005	1.2	47.8	6.8	82	<0.1	111.9	32.8	970	5.09	12	1.0	<0.1	2.2	324	0.2	0.5	0.1
1045109	Drill Core	7.35	0.043	0.9	894.9	9.2	39	0.5	9.4	10.7	326	2.94	60	2.1	<0.1	6.3	792	0.1	7.3	0.3
1045110	Drill Core	6.23	0.024	1.0	680.2	7.9	42	0.3	10.4	9.2	386	3.22	60	1.9	<0.1	6.0	638	0.1	14.5	0.2
1045111	Drill Core	6.25	0.009	1.6	271.3	7.4	52	0.2	9.8	7.4	689	4.05	37	2.2	<0.1	5.7	517	<0.1	6.1	0.2
1045112	Rock	0.46	<0.005	0.1	4.9	<0.1	<1	<0.1	<0.1	<0.2	35	<0.01	<1	1.4	<0.1	<0.1	4074	<0.1	0.2	<0.1
1045113	Drill Core	4.73	0.008	1.8	213.1	7.8	45	0.2	10.3	8.8	723	3.93	31	2.5	<0.1	6.1	355	<0.1	6.2	0.2
1045114	Drill Core	3.34	<0.005	1.9	312.9	7.7	45	0.2	10.1	8.2	722	3.75	25	2.5	<0.1	6.0	423	0.1	4.4	0.2
1045115	Drill Core	6.89	0.007	1.7	46.2	6.7	42	<0.1	9.0	8.1	762	3.35	12	2.2	<0.1	5.8	656	<0.1	3.1	0.1
1045116	Drill Core	6.85	0.013	2.6	98.1	6.4	49	<0.1	9.5	8.0	936	3.61	36	2.3	<0.1	5.2	525	0.1	7.1	0.1
1045117	Rock Pulp	0.14	0.961	149.2	3607	50.0	128	4.5	27.0	20.6	465	4.79	61	1.1	1.3	2.3	200	0.9	7.6	0.6
1045118	Drill Core	7.30	0.045	1.8	1531	8.4	90	0.7	11.4	14.5	664	3.36	274	1.8	<0.1	5.6	746	0.3	58.1	0.3



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Project: Poplar Drilling
Report Date: November 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000456.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045091	Drill Core	2.86	0.103	21.9	7	0.69	665	0.220	7.01	2.736	2.73	0.6	25.7	45	0.9	11.0	5.6	0.3	1	6
1045092	Drill Core	2.69	0.081	19.8	7	0.51	442	0.178	6.79	2.468	3.06	0.9	12.1	41	0.9	8.9	5.7	0.4	1	4
1045093	Drill Core	1.97	0.086	17.2	11	0.53	1123	0.198	7.35	2.157	3.26	1.5	13.0	35	0.9	8.6	6.1	0.4	<1	4
1045094	Drill Core	2.41	0.160	18.0	11	0.72	1055	0.317	9.48	1.059	3.16	3.5	19.1	39	0.9	12.2	9.3	0.5	<1	8
1045095	Rock Pulp	0.39	0.114	13.9	48	0.82	113	0.248	7.37	1.236	4.59	28.1	22.7	26	2.9	10.5	3.7	0.2	2	13
1045096	Drill Core	2.33	0.141	21.7	13	0.66	640	0.252	9.12	0.969	2.92	3.3	21.7	44	0.9	10.4	7.6	0.5	<1	8
1045097	Drill Core	2.80	0.128	31.8	9	0.83	2007	0.239	7.04	0.104	1.89	3.4	19.5	60	0.9	11.8	7.7	0.5	<1	6
1045098	Drill Core	2.27	0.154	22.5	11	0.69	1041	0.293	8.86	0.130	2.48	4.2	22.0	44	0.8	10.7	8.8	0.5	2	7
1045099	Rock	36.80	0.004	1.2	<1	1.69	9	<0.001	0.08	0.005	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045100	Drill Core	2.42	0.121	24.1	7	0.57	1399	0.239	7.13	0.189	2.73	5.5	16.8	48	0.7	11.4	7.4	0.5	<1	6
1045101	Drill Core	2.55	0.132	22.0	11	0.80	1050	0.256	7.16	0.467	2.88	7.9	18.6	44	0.8	11.3	8.3	0.5	2	6
1045102	Drill Core	2.36	0.124	18.7	11	0.71	1169	0.295	8.07	2.088	2.81	3.6	18.8	39	0.8	10.8	8.5	0.5	2	7
1045103	Drill Core	2.58	0.120	27.2	8	0.77	935	0.245	6.95	0.679	2.80	6.3	13.7	51	1.0	10.5	8.0	0.5	1	6
1045104	Drill Core	2.52	0.136	17.7	10	0.80	1153	0.249	7.69	1.194	2.85	1.6	12.6	37	0.9	11.1	8.7	0.6	1	7
1045105	Drill Core	3.29	0.126	22.7	8	1.00	743	0.238	6.58	0.341	2.76	1.1	11.6	46	0.8	10.7	8.2	0.4	<1	6
1045106	Drill Core	3.42	0.126	20.2	11	1.00	1143	0.232	7.55	1.618	2.45	0.7	22.4	35	0.7	10.7	6.8	0.6	1	6
1045107	Drill Core	3.30	0.118	17.1	10	1.03	990	0.247	7.17	1.897	2.46	0.5	23.1	34	0.7	10.6	7.4	0.6	1	6
1045108	Drill Core	7.82	0.142	22.1	174	2.29	431	0.561	7.21	1.025	1.06	0.3	129.5	45	1.0	20.1	7.0	0.4	1	18
1045109	Drill Core	2.41	0.127	16.5	12	0.99	1182	0.265	7.44	1.730	2.63	1.1	25.1	34	0.7	10.0	7.9	0.6	1	6
1045110	Drill Core	2.63	0.130	16.1	14	0.98	1196	0.290	7.40	1.552	2.43	1.0	27.8	34	0.6	10.1	8.2	0.6	1	6
1045111	Drill Core	2.34	0.131	15.4	12	0.99	1094	0.256	7.36	1.870	2.59	1.1	32.3	32	1.2	9.5	6.9	0.5	1	6
1045112	Rock	>40	0.003	1.0	<1	1.82	8	0.002	0.06	0.008	0.01	<0.1	0.4	<1	<0.1	0.5	0.2	<0.1	<1	<1
1045113	Drill Core	2.37	0.134	15.4	11	1.00	1100	0.264	7.42	1.412	2.52	1.2	32.1	32	1.1	9.5	7.2	0.5	1	7
1045114	Drill Core	2.21	0.132	15.5	12	0.96	1039	0.263	7.47	1.502	2.58	1.1	32.6	32	1.1	9.5	7.1	0.5	1	6
1045115	Drill Core	2.63	0.143	17.5	10	0.98	1034	0.255	7.35	1.573	2.32	1.1	32.5	36	0.8	9.9	7.4	0.5	1	6
1045116	Drill Core	3.07	0.138	15.8	10	1.01	904	0.260	7.20	0.476	2.22	1.1	34.2	33	0.9	8.6	7.3	0.5	1	7
1045117	Rock Pulp	0.38	0.111	13.5	45	0.83	299	0.242	5.84	1.091	4.10	27.6	22.0	26	3.0	10.2	3.4	0.2	1	11
1045118	Drill Core	2.60	0.135	13.9	11	0.80	563	0.277	7.48	0.292	2.29	1.9	25.5	30	0.7	8.9	8.5	0.6	2	6



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CERTIFICATE OF ANALYSIS

SMI11000456.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045091	Drill Core	1.6	61.6	0.8
1045092	Drill Core	1.4	66.5	0.5
1045093	Drill Core	0.9	77.6	0.5
1045094	Drill Core	0.5	80.3	0.7
1045095	Rock Pulp	2.5	112.9	0.7
1045096	Drill Core	1.0	69.8	0.8
1045097	Drill Core	0.4	48.5	0.7
1045098	Drill Core	0.2	49.8	0.8
1045099	Rock	<0.1	<0.1	<0.1
1045100	Drill Core	0.2	59.8	0.6
1045101	Drill Core	0.3	64.1	0.6
1045102	Drill Core	0.4	62.9	0.6
1045103	Drill Core	0.6	67.3	0.5
1045104	Drill Core	0.4	65.9	0.4
1045105	Drill Core	0.6	68.6	0.4
1045106	Drill Core	0.6	73.6	0.8
1045107	Drill Core	0.6	70.1	0.9
1045108	Drill Core	<0.1	26.2	3.4
1045109	Drill Core	0.7	71.6	0.9
1045110	Drill Core	0.5	64.8	0.9
1045111	Drill Core	0.2	86.7	1.2
1045112	Rock	<0.1	<0.1	<0.1
1045113	Drill Core	0.3	79.3	1.2
1045114	Drill Core	0.3	86.1	1.2
1045115	Drill Core	0.2	73.3	1.2
1045116	Drill Core	0.3	63.7	1.1
1045117	Rock Pulp	2.6	82.5	0.7
1045118	Drill Core	1.2	58.8	0.9



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QUALITY CONTROL REPORT

SMI11000456.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	
Pulp Duplicates																						
1045063	Drill Core	7.32	0.041	252.3	2623	12.4	43	1.1	6.5	16.7	224	2.06	2	2.0	<0.1	4.9	512	0.2	0.8	0.2	69	
REP 1045063	QC	0.039																				
REP 1045069	QC	240.6			2811	32.4	99	1.4	7.9	15.1	504	2.20	3	1.7	<0.1	5.0	632	0.6	2.4	0.4	70	
REP 1045104	QC	0.076																				
1045111	Drill Core	6.25	0.009	1.6	271.3	7.4	52	0.2	9.8	7.4	689	4.05	37	2.2	<0.1	5.7	517	<0.1	6.1	0.2	76	
REP 1045111	QC	0.007																				
Core Reject Duplicates																						
1045069	Drill Core	6.52	0.044	246.6	2830	33.3	100	1.5	7.5	14.7	497	2.20	3	1.7	<0.1	5.0	635	0.8	2.6	0.4	71	
DUP 1045069	QC	0.048			254.0	2816	33.0	94	1.4	7.4	14.0	517	2.18	2	1.6	<0.1	4.8	629	0.4	2.4	0.3	69
1045104	Drill Core	5.23	0.075	16.2	3285	42.8	197	3.2	7.3	8.6	675	2.79	351	0.9	<0.1	4.6	489	0.7	9.0	0.1	67	
DUP 1045104	QC	0.085			17.3	3286	39.7	187	2.7	8.2	8.5	642	2.72	300	0.8	<0.1	4.8	483	0.8	8.4	0.1	65
Reference Materials																						
STD OREAS24P	Standard	1.6			49.7	2.7	111	<0.1	141.1	45.1	1100	7.31	<1	0.7	<0.1	2.6	379	<0.1	<0.1	<0.1	158	
STD OREAS24P	Standard	1.4			50.9	3.1	113	<0.1	145.8	47.9	1072	7.28	1	0.7	<0.1	3.0	379	0.1	0.1	<0.1	159	
STD OREAS24P	Standard	1.5			51.7	3.1	104	0.1	135.9	43.7	1026	6.89	<1	0.7	<0.1	2.9	360	<0.1	<0.1	<0.1	155	
STD OREAS45C	Standard	2.2			594.3	21.8	77	0.3	324.4	100.6	1146	16.83	11	2.1	<0.1	9.4	30	0.1	0.8	0.2	250	
STD OREAS45C	Standard	2.2			631.6	25.3	78	0.3	340.8	105.4	1103	18.25	11	2.3	<0.1	10.8	31	0.1	0.9	0.2	274	
STD OREAS45C	Standard	1.8			594.1	23.2	75	0.3	318.9	97.8	1096	17.02	11	2.2	<0.1	10.3	31	0.2	0.7	0.2	261	
STD OXH82	Standard	1.294																				
STD OXH82	Standard	1.252																				
STD OXH82	Standard	1.288																				
STD OXK79	Standard	3.579																				
STD OXK79	Standard	3.626																				
STD OXK79	Standard	3.627																				
STD OXH82 Expected		1.278																				
STD OXK79 Expected		3.532																				
STD OREAS24P Expected		1.5			52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75	2.85			403	0.15	0.09	158	
STD OREAS45C Expected		2.26			620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	



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QUALITY CONTROL REPORT

SMI11000456.1

Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045063	Drill Core	3.24	0.128	29.6	12	0.94	238	0.180	7.21	2.641	2.95	0.3	26.5	55	0.9	12.5	2.3	0.2	1	7
REP 1045063	QC																			12.6
REP 1045069	QC	3.59	0.122	26.0	12	0.93	274	0.215	7.16	2.617	2.74	0.5	29.3	50	1.0	12.6	3.7	0.3	1	7
REP 1045104	QC																			12.3
1045111	Drill Core	2.34	0.131	15.4	12	0.99	1094	0.256	7.36	1.870	2.59	1.1	32.3	32	1.2	9.5	6.9	0.5	1	6
REP 1045111	QC																			118.8
Core Reject Duplicates																				
1045069	Drill Core	3.59	0.118	25.2	11	0.94	240	0.213	7.12	2.616	2.74	0.5	28.0	49	0.9	12.5	3.5	0.2	2	7
DUP 1045069	QC	3.54	0.114	24.8	10	0.91	207	0.209	6.94	2.509	2.74	0.5	28.2	49	0.9	12.0	3.3	0.2	<1	7
1045104	Drill Core	2.52	0.136	17.7	10	0.80	1153	0.249	7.69	1.194	2.85	1.6	12.6	37	0.9	11.1	8.7	0.6	1	7
DUP 1045104	QC	2.43	0.127	16.6	9	0.78	1096	0.243	7.36	1.169	2.79	1.4	12.0	34	0.7	10.1	8.3	0.5	<1	6
Reference Materials																				
STD OREAS24P	Standard	5.78	0.139	18.9	195	4.00	271	1.012	7.53	2.314	0.70	0.4	127.9	35	1.4	20.9	19.5	1.0	2	19
STD OREAS24P	Standard	5.97	0.139	19.0	200	3.99	285	1.081	7.54	2.388	0.68	0.4	132.3	39	1.7	21.6	19.9	1.1	<1	19
STD OREAS24P	Standard	5.59	0.127	18.2	182	4.04	259	1.023	7.44	2.415	0.64	0.4	123.7	36	1.4	20.8	17.9	1.1	2	19
STD OREAS45C	Standard	0.45	0.052	25.7	944	0.23	257	1.131	7.02	0.080	0.33	1.1	151.6	47	2.7	11.4	21.6	1.3	1	57
STD OREAS45C	Standard	0.47	0.052	25.9	975	0.24	279	1.225	7.23	0.105	0.35	1.1	163.0	51	3.1	12.4	22.2	1.4	<1	61
STD OREAS45C	Standard	0.46	0.047	24.5	911	0.24	252	1.125	7.07	0.103	0.32	0.9	155.1	47	2.7	11.8	21.1	1.4	<1	60
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03



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QUALITY CONTROL REPORT

SMI11000456.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045063	Drill Core	2.3	72.4	0.9
REP 1045063	QC			
REP 1045069	QC	2.2	75.7	0.9
REP 1045104	QC			
1045111	Drill Core	0.2	86.7	1.2
REP 1045111	QC			
Core Reject Duplicates				
1045069	Drill Core	2.2	77.8	0.9
DUP 1045069	QC	2.2	74.5	1.0
1045104	Drill Core	0.4	65.9	0.4
DUP 1045104	QC	0.4	62.0	0.5
Reference Materials				
STD OREAS24P	Standard	<0.1	20.9	3.1
STD OREAS24P	Standard	<0.1	22.0	3.3
STD OREAS24P	Standard	<0.1	21.3	3.2
STD OREAS45C	Standard	<0.1	21.3	3.8
STD OREAS45C	Standard	<0.1	24.1	4.4
STD OREAS45C	Standard	<0.1	22.1	4.0
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27



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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 13, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI11000456.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.1																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.1																		
BLK	Blank	<0.1																		
Prep Wash																				
G1	Prep Blank	<0.005	0.8	11.6	20.0	51	<0.1	3.8	4.9	729	2.29	<1	2.9	<0.1	8.4	645	<0.1	0.3	0.6	48
G1	Prep Blank	<0.005	0.5	6.3	20.0	53	<0.1	3.7	4.7	749	2.29	2	2.9	<0.1	8.4	647	0.2	0.2	0.4	49



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QUALITY CONTROL REPORT

SMI11000456.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.075	24.5	7	0.65	924	0.241	7.17	2.606	2.91	0.2	11.7	47	1.3	14.4	21.6	1.4	3	5	34.0
G1	Prep Blank	2.26	0.076	24.1	9	0.62	1055	0.251	7.22	2.593	3.09	0.1	12.7	48	1.4	15.0	23.9	1.5	3	5	34.9



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QUALITY CONTROL REPORT

SMI11000456.1

		1EX S %	1EX Rb ppm	1EX Hf ppm
		0.1	0.1	0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	119.9	0.7
G1	Prep Blank	<0.1	123.5	0.7



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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: September 16, 2011
Report Date: October 17, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000463.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_4
P.O. Number
Number of Samples: 60

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
Blair McIntyre
A. Ross

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	60	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	60	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: October 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045181	Drill Core	5.96	0.091	126.4	3491	14.7	91	1.4	10.5	16.5	334	3.66	44	1.7	0.1	4.9	751	0.5	0.7	0.2
1045182	Drill Core	6.77	0.091	1344	3464	13.8	53	1.3	7.1	12.8	223	1.64	13	1.5	0.1	7.4	540	<0.1	0.6	0.1
1045183	Drill Core	6.17	0.098	117.8	4130	46.4	116	2.8	7.8	12.7	690	1.93	142	1.3	<0.1	4.8	728	0.5	7.3	0.2
1045184	Drill Core	5.97	0.081	154.7	3203	882.4	1554	6.4	3.8	9.4	831	1.56	461	1.1	<0.1	5.4	2275	12.1	209.3	0.2
1045185	Drill Core	4.14	0.063	168.0	3197	19.3	66	1.6	4.1	11.3	382	1.76	91	1.3	<0.1	5.6	2327	0.3	3.3	0.2
1045186	Drill Core	4.68	0.067	80.9	2937	14.3	43	1.2	6.2	20.1	264	2.52	6	1.8	<0.1	4.5	579	0.2	0.6	0.2
1045187	Drill Core	6.54	0.065	121.6	3182	18.6	70	1.2	6.4	20.7	238	2.46	11	1.7	<0.1	4.6	610	0.5	2.0	0.2
1045188	Drill Core	6.99	0.080	100.7	3902	14.3	51	1.7	7.8	29.0	278	3.51	11	1.6	<0.1	4.5	605	0.2	0.9	0.3
1045189	Drill Core	7.09	0.146	413.4	7459	33.5	115	3.5	7.3	22.8	347	2.69	42	1.4	0.2	4.6	560	0.6	1.9	0.2
1045190	Drill Core	5.71	0.059	213.6	3010	11.2	49	0.9	9.2	25.1	215	3.04	1	1.5	<0.1	4.5	559	0.2	0.1	0.1
1045191	Drill Core	5.75	0.033	116.8	2453	9.4	43	0.8	8.3	30.1	224	3.16	2	1.4	<0.1	4.6	467	0.1	0.3	0.1
1045192	Drill Core	2.74	0.034	76.3	2552	9.7	44	0.9	9.5	29.9	228	3.24	2	1.3	<0.1	4.4	515	0.1	0.2	0.2
1045193	Drill Core	5.90	0.044	202.3	2472	13.5	50	0.8	8.9	23.7	195	2.41	3	1.7	<0.1	4.8	522	0.3	0.2	0.1
1045194	Drill Core	6.21	0.073	127.1	4147	11.0	42	1.3	9.3	19.3	197	1.94	3	1.7	<0.1	5.1	445	0.2	0.2	0.2
1045195	Rock	0.98	<0.005	0.8	11.6	0.7	<1	<0.1	0.3	<0.2	20	<0.01	3	1.2	<0.1	<0.1	4310	<0.1	<0.1	<0.1
1045196	Drill Core	5.96	0.033	67.7	2333	10.0	46	0.8	10.1	35.7	244	3.18	9	2.0	0.1	4.6	606	0.2	0.2	0.2
1045197	Drill Core	5.88	0.028	59.3	1957	7.7	42	0.7	8.7	29.8	278	3.36	9	2.0	<0.1	4.5	638	0.1	0.5	0.2
1045198	Core Pulp	0.61	1.013	23.6	5402	6573	>10000	75.0	48.6	19.5	520	9.45	506	2.3	0.9	2.2	155	251.5	115.0	28.4
1045199	Drill Core	5.22	0.019	56.2	1236	13.2	63	0.5	7.5	24.2	226	3.79	4	2.6	<0.1	4.6	490	0.2	0.3	0.2
1045200	Drill Core	5.34	0.015	63.8	1253	12.0	46	0.5	7.6	27.4	248	4.02	4	2.2	<0.1	4.6	409	0.3	0.3	0.2
1045201	Drill Core	6.35	0.012	48.1	1237	12.3	51	0.6	5.0	28.9	218	3.20	13	2.2	<0.1	5.2	579	0.2	0.3	0.2
1045202	Drill Core	5.91	0.007	52.4	558.7	111.7	985	0.7	3.2	22.0	500	2.98	92	2.1	<0.1	5.4	3130	8.6	4.7	0.2
1045203	Drill Core	5.47	0.006	44.0	617.1	13.3	52	0.4	3.2	16.7	211	2.45	31	2.3	<0.1	5.1	835	0.2	0.6	0.2
1045204	Drill Core	5.39	0.026	287.6	1217	88.0	402	0.7	4.3	13.4	246	1.77	153	2.2	0.2	4.9	4951	3.1	2.3	0.1
1045205	Drill Core	6.01	0.022	31.7	957.9	19.5	61	0.4	3.3	12.5	166	1.86	28	1.8	<0.1	5.5	924	0.5	0.3	0.1
1045206	Drill Core	6.17	0.015	23.7	793.7	12.7	51	0.4	3.9	18.4	189	2.46	16	2.0	<0.1	5.2	750	0.3	0.3	0.1
1045207	Drill Core	6.38	0.014	55.8	1069	14.1	45	0.6	3.2	14.9	245	2.22	37	1.8	<0.1	4.7	337	0.2	1.7	<0.1
1045208	Drill Core	7.04	0.005	15.4	815.7	11.3	35	0.4	3.1	18.0	191	2.58	31	2.1	<0.1	5.1	395	0.2	1.0	0.1
1045209	Drill Core	6.59	<0.005	13.9	589.0	11.5	39	0.4	3.4	19.9	195	2.83	41	2.0	<0.1	4.9	539	0.1	0.6	0.1
1045210	Drill Core	5.93	0.010	17.7	1208	12.1	37	1.1	3.7	23.6	184	3.38	163	2.0	<0.1	4.9	522	<0.1	1.2	0.1



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Project: Poplar Drilling
Report Date: October 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045181	Drill Core	3.23	0.182	28.8	12	1.24	536	0.340	8.12	2.609	2.75	0.9	39.7	55	1.1	14.5	5.3	0.3	2	11
1045182	Drill Core	3.72	0.103	80.2	10	0.86	108	0.165	7.06	2.425	2.97	0.5	28.8	129	0.9	15.6	2.3	0.1	2	7
1045183	Drill Core	2.94	0.102	22.4	8	0.87	324	0.148	7.68	1.940	2.42	0.7	28.4	43	1.1	10.4	2.5	0.1	1	6
1045184	Drill Core	2.27	0.087	28.6	3	0.76	750	0.102	7.66	0.734	3.22	0.9	15.9	49	1.0	7.8	2.1	0.1	1	4
1045185	Drill Core	2.61	0.092	35.7	4	0.79	441	0.132	7.97	2.180	3.27	0.7	17.3	64	1.0	10.8	2.8	0.2	2	4
1045186	Drill Core	2.86	0.127	29.6	9	0.96	108	0.182	7.81	2.802	3.11	0.7	40.7	54	1.4	13.2	2.5	0.2	2	8
1045187	Drill Core	2.61	0.119	32.9	10	0.99	141	0.191	7.89	2.840	2.76	0.5	37.6	58	1.3	13.0	2.7	0.2	1	8
1045188	Drill Core	2.52	0.112	21.5	9	0.88	74	0.162	7.86	2.724	3.23	0.7	31.7	42	1.2	10.3	2.8	0.2	2	7
1045189	Drill Core	3.20	0.118	32.6	8	0.82	91	0.178	7.71	2.340	3.29	0.7	22.1	59	1.3	12.3	2.7	0.2	1	7
1045190	Drill Core	2.40	0.108	33.1	13	1.05	90	0.177	7.58	2.968	2.76	0.6	25.4	59	0.9	11.4	2.8	0.2	1	8
1045191	Drill Core	2.54	0.094	12.8	15	1.00	80	0.150	7.72	2.523	2.57	0.5	24.8	24	0.9	6.3	2.4	0.1	1	8
1045192	Drill Core	2.58	0.102	12.6	13	1.02	79	0.141	7.70	2.577	2.59	0.5	23.1	24	0.8	6.0	2.2	0.1	1	7
1045193	Drill Core	2.65	0.102	30.5	15	1.13	127	0.139	7.52	2.828	2.50	0.6	29.8	57	0.8	10.6	2.0	0.1	1	7
1045194	Drill Core	2.84	0.112	37.4	11	1.01	573	0.143	8.05	2.318	2.63	0.5	34.5	67	0.9	12.7	1.7	0.1	1	8
1045195	Rock	35.90	0.004	1.2	<1	1.40	8	0.001	0.08	0.007	<0.01	<0.1	0.6	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045196	Drill Core	2.21	0.121	18.0	13	1.15	142	0.194	7.94	2.810	2.13	0.8	35.7	33	1.0	8.6	3.0	0.2	1	9
1045197	Drill Core	3.35	0.110	16.8	13	1.08	107	0.156	7.87	1.659	2.39	0.7	34.9	32	0.9	8.0	2.2	0.2	<1	8
1045198	Core Pulp	1.80	0.052	11.4	32	0.95	14	0.178	3.91	1.197	0.74	1.3	32.8	25	55.5	11.0	4.7	0.2	<1	8
1045199	Drill Core	2.38	0.115	13.3	12	0.97	62	0.128	7.84	2.244	2.68	0.6	41.4	27	0.9	7.7	2.0	0.1	1	8
1045200	Drill Core	2.47	0.132	23.9	9	1.06	88	0.127	8.27	1.940	2.63	0.6	49.4	45	0.9	11.6	1.9	0.1	2	8
1045201	Drill Core	2.00	0.109	20.2	7	0.82	98	0.104	8.15	2.626	3.08	0.6	34.1	39	0.8	9.0	2.2	0.2	2	5
1045202	Drill Core	2.31	0.090	28.9	3	0.85	97	0.068	7.91	1.592	3.13	0.7	28.3	53	0.8	8.9	1.8	0.1	1	4
1045203	Drill Core	1.90	0.104	22.9	5	0.73	140	0.086	8.14	2.611	2.70	0.6	31.6	43	0.7	8.0	2.2	0.2	1	4
1045204	Drill Core	1.79	0.082	52.4	2	0.58	150	0.069	6.97	1.550	3.50	0.7	24.9	84	0.8	8.0	2.0	0.1	2	3
1045205	Drill Core	1.86	0.088	26.7	5	0.65	464	0.091	8.18	2.765	3.44	0.5	26.7	47	0.8	8.5	2.1	0.2	1	4
1045206	Drill Core	1.80	0.095	25.0	3	0.70	121	0.083	8.23	2.630	3.26	0.6	24.9	46	0.8	8.6	2.0	0.1	1	5
1045207	Drill Core	2.20	0.091	22.3	4	0.73	182	0.107	7.98	1.442	2.96	0.9	20.8	41	0.9	8.2	2.2	0.1	<1	4
1045208	Drill Core	2.17	0.094	21.6	3	0.75	86	0.086	8.31	2.462	2.93	1.0	22.1	41	0.9	8.8	2.1	0.2	2	4
1045209	Drill Core	3.33	0.106	23.7	4	0.84	98	0.087	7.99	1.182	2.69	1.1	25.1	44	0.9	10.2	2.2	0.1	1	4
1045210	Drill Core	1.88	0.098	19.9	3	0.71	66	0.064	7.97	2.196	2.84	0.8	25.2	39	1.0	8.8	2.1	0.2	2	4



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Project: Poplar Drilling
Report Date: October 17, 2011

Page: 2 of 3 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045181	Drill Core	1.4	92.2	1.1
1045182	Drill Core	2.5	77.9	0.9
1045183	Drill Core	1.6	85.0	0.9
1045184	Drill Core	1.0	121.1	0.6
1045185	Drill Core	1.2	101.9	0.7
1045186	Drill Core	2.1	84.9	1.1
1045187	Drill Core	1.9	78.7	1.1
1045188	Drill Core	3.0	85.0	0.9
1045189	Drill Core	2.0	79.5	0.7
1045190	Drill Core	2.3	65.4	0.8
1045191	Drill Core	2.4	68.1	0.8
1045192	Drill Core	2.4	67.5	0.7
1045193	Drill Core	2.4	60.6	0.9
1045194	Drill Core	1.1	67.4	1.0
1045195	Rock	<0.1	0.5	<0.1
1045196	Drill Core	2.0	61.9	1.1
1045197	Drill Core	2.2	76.3	1.1
1045198	Core Pulp	9.6	23.0	1.0
1045199	Drill Core	3.0	73.4	1.3
1045200	Drill Core	2.9	72.7	1.5
1045201	Drill Core	2.4	77.8	1.2
1045202	Drill Core	2.5	95.4	1.1
1045203	Drill Core	1.8	77.8	1.2
1045204	Drill Core	1.7	88.5	0.9
1045205	Drill Core	1.4	80.5	1.0
1045206	Drill Core	1.9	81.9	1.0
1045207	Drill Core	1.5	81.7	0.7
1045208	Drill Core	2.1	81.9	0.9
1045209	Drill Core	2.3	72.7	0.9
1045210	Drill Core	3.1	77.4	0.9



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Project: Poplar Drilling
Report Date: October 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045211	Drill Core	2.69	<0.005	14.9	768.5	10.6	36	0.5	2.8	19.0	173	3.16	143	2.0	<0.1	5.0	503	0.2	1.1	0.1
1045212	Drill Core	6.82	<0.005	42.2	413.9	10.9	33	0.4	3.5	15.6	163	3.07	21	1.9	<0.1	4.7	606	<0.1	0.5	0.1
1045213	Drill Core	6.39	<0.005	10.8	480.5	10.4	29	0.3	2.7	15.6	123	3.00	6	1.8	<0.1	4.7	491	0.2	0.2	<0.1
1045214	Drill Core	8.27	<0.005	7.3	487.5	9.7	30	0.5	3.1	13.2	205	2.91	27	1.9	<0.1	4.6	628	0.2	0.4	0.2
1045215	Rock	0.23	<0.005	0.1	2.0	<0.1	<1	0.1	<0.1	0.4	24	0.21	<1	1.3	<0.1	<0.1	3735	<0.1	<0.1	<0.1
1045216	Drill Core	5.98	<0.005	9.5	407.5	23.3	68	0.8	3.0	16.7	179	2.75	57	1.5	<0.1	4.0	547	0.4	4.7	0.1
1045217	Drill Core	5.47	<0.005	20.9	369.4	99.0	517	0.5	3.2	18.9	211	3.16	38	1.5	<0.1	4.3	774	4.1	2.9	0.2
1045218	Core Pulp	0.06	0.934	22.4	5042	6108	>10000	73.4	48.6	18.8	517	9.27	377	2.1	0.8	2.2	178	231.5	123.1	29.7
1045219	Drill Core	5.41	<0.005	8.3	449.2	169.0	902	1.2	3.1	23.4	413	3.52	89	1.4	<0.1	4.0	1057	8.2	20.6	0.3
1045220	Drill Core	7.96	<0.005	5.9	87.2	12.9	43	0.1	7.1	9.9	222	4.36	4	1.7	<0.1	3.6	311	0.3	1.0	0.2
1045221	Drill Core	9.36	<0.005	5.5	135.1	9.8	39	0.1	5.3	19.4	183	5.18	5	1.5	<0.1	3.5	273	0.3	1.3	2.8
1045222	Drill Core	10.69	<0.005	6.5	192.3	7.1	28	0.2	6.8	14.9	241	4.81	4	1.7	<0.1	3.4	312	0.2	0.9	0.4
1045223	Drill Core	7.19	0.006	3.2	320.3	4.6	23	0.2	6.6	12.4	251	4.39	8	1.5	<0.1	3.0	305	<0.1	0.8	0.2
1045224	Drill Core	9.34	<0.005	3.3	182.4	24.8	56	0.6	8.3	16.6	480	4.88	14	2.1	<0.1	3.5	357	0.3	1.5	0.6
1045225	Drill Core	9.17	<0.005	6.2	117.9	6.1	17	0.2	12.5	31.6	396	4.84	5	2.2	<0.1	3.7	346	<0.1	0.9	0.3
1045226	Core Pulp	0.04	0.929	24.1	5225	6235	>10000	73.0	48.9	19.4	542	9.02	257	2.4	0.9	2.4	189	232.4	125.5	30.4
1045227	Drill Core	7.85	<0.005	22.9	101.7	11.4	32	0.2	14.6	35.3	312	4.97	3	2.9	<0.1	4.3	450	0.1	0.7	0.3
1045228	Drill Core	7.12	<0.005	2.7	99.5	6.3	29	<0.1	15.3	14.3	193	3.91	4	1.6	<0.1	3.7	338	0.1	0.5	0.3
1045229	Drill Core	9.28	0.006	10.5	189.6	7.3	32	0.1	19.2	14.4	257	4.10	6	2.0	<0.1	4.3	375	0.1	5.5	<0.1
1045230	Rock	0.38	<0.005	<0.1	1.3	<0.1	2	<0.1	<0.1	0.5	21	0.21	<1	1.3	<0.1	<0.1	3765	<0.1	<0.1	<0.1
1045231	Drill Core	5.40	<0.005	7.1	79.7	10.6	39	<0.1	18.2	19.3	264	4.94	7	1.7	<0.1	3.8	468	0.2	3.7	0.2
1045232	Drill Core	9.47	<0.005	2.4	14.9	8.5	32	<0.1	15.7	10.3	196	3.74	1	1.4	<0.1	3.6	480	0.2	0.7	0.2
1045233	Drill Core	5.61	<0.005	3.4	120.7	5.4	27	0.1	20.7	23.2	228	5.88	2	1.9	<0.1	3.8	329	0.2	0.8	0.3
1045234	Drill Core	4.52	<0.005	3.1	109.0	6.0	24	<0.1	18.4	18.6	210	5.83	<1	1.6	<0.1	3.6	288	<0.1	0.7	0.3
1045235	Drill Core	3.06	0.005	2.2	177.0	7.1	37	0.2	25.3	14.4	323	4.49	11	2.3	<0.1	6.7	346	0.2	1.2	0.2
1045236	Drill Core	6.74	<0.005	1.4	69.3	5.1	24	<0.1	53.6	8.2	166	2.78	9	1.4	<0.1	5.4	273	0.1	0.3	0.1
1045237	Drill Core	7.79	<0.005	2.1	101.3	6.8	25	<0.1	58.8	12.4	163	3.34	2	1.5	<0.1	5.5	252	<0.1	0.3	0.1
1045238	Drill Core	8.21	<0.005	2.5	120.3	6.2	24	<0.1	60.2	16.1	154	3.54	6	1.3	<0.1	5.0	300	<0.1	0.8	0.2
1045239	Drill Core	9.17	<0.005	7.3	44.5	4.1	21	<0.1	50.3	14.2	146	3.35	8	1.5	<0.1	5.4	304	<0.1	0.9	0.2
1045240	Drill Core	7.81	<0.005	3.3	119.8	13.3	24	0.1	55.2	18.2	231	3.77	9	1.5	<0.1	5.7	344	<0.1	0.7	0.1



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Project: Poplar Drilling
Report Date: October 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045211	Drill Core	1.74	0.093	20.0	4	0.71	67	0.066	7.79	1.998	2.90	0.8	24.7	38	0.9	8.3	2.1	0.2	2	4
1045212	Drill Core	2.34	0.092	23.1	3	0.62	74	0.064	7.74	2.238	2.67	0.8	24.0	45	0.8	9.2	1.8	0.1	1	4
1045213	Drill Core	1.98	0.085	18.5	5	0.56	64	0.061	7.41	1.640	2.59	1.0	24.0	37	0.8	7.5	2.1	0.1	1	4
1045214	Drill Core	2.18	0.119	15.1	2	0.70	76	0.115	9.56	2.238	2.51	1.3	31.6	34	1.1	9.9	2.4	0.2	1	5
1045215	Rock	37.42	0.005	0.3	<1	1.65	7	0.002	0.07	0.007	<0.01	<0.1	0.4	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045216	Drill Core	1.68	0.087	14.0	1	0.59	42	0.068	7.22	1.683	2.56	1.1	24.6	31	0.9	8.1	2.1	0.1	1	3
1045217	Drill Core	1.76	0.087	15.7	2	0.58	45	0.057	7.34	1.177	2.86	0.8	22.8	34	1.3	8.2	1.6	0.1	1	4
1045218	Core Pulp	1.72	0.050	10.7	33	0.88	29	0.214	3.55	1.232	0.71	1.2	29.8	23	50.6	12.6	4.4	0.2	<1	7
1045219	Drill Core	1.55	0.083	14.9	2	0.55	46	0.059	7.08	0.593	2.94	1.0	21.2	32	1.7	8.0	1.5	0.1	1	4
1045220	Drill Core	1.86	0.144	16.6	6	0.90	48	0.091	8.97	1.945	1.57	0.3	47.8	37	0.7	13.6	1.0	<0.1	1	9
1045221	Drill Core	1.63	0.120	13.8	4	0.91	21	0.055	8.06	1.741	1.70	0.4	40.8	32	0.7	11.7	0.8	<0.1	<1	7
1045222	Drill Core	2.20	0.145	13.8	7	1.05	67	0.140	9.74	1.719	2.17	0.6	35.2	32	1.5	13.8	1.3	<0.1	1	11
1045223	Drill Core	2.07	0.134	11.9	7	1.05	48	0.140	7.49	1.663	1.61	0.8	33.2	28	1.2	11.8	1.1	<0.1	<1	8
1045224	Drill Core	2.09	0.136	16.7	5	1.09	32	0.064	9.58	0.479	2.33	2.5	46.8	37	1.4	12.1	0.8	<0.1	2	9
1045225	Drill Core	2.07	0.134	25.9	12	1.14	40	0.060	7.90	0.352	2.30	1.5	59.6	53	1.1	11.0	0.7	<0.1	2	9
1045226	Core Pulp	1.78	0.053	11.2	28	0.87	184	0.221	3.86	1.275	0.74	1.2	35.7	24	53.6	12.9	4.5	0.2	<1	8
1045227	Drill Core	2.06	0.142	35.9	12	1.16	38	0.069	8.47	0.459	2.25	1.2	65.6	69	0.9	11.8	0.7	<0.1	2	9
1045228	Drill Core	1.40	0.121	19.5	17	1.23	78	0.081	7.05	2.311	1.36	0.6	52.3	41	0.7	10.8	0.7	<0.1	<1	8
1045229	Drill Core	2.25	0.141	23.7	23	1.34	74	0.110	9.42	1.372	1.60	0.6	60.8	49	0.9	12.8	1.0	<0.1	1	11
1045230	Rock	36.40	0.005	0.4	<1	1.96	7	0.001	0.05	0.007	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045231	Drill Core	2.27	0.136	14.4	24	1.36	36	0.099	9.04	1.622	1.58	0.5	51.4	33	0.8	11.7	0.8	<0.1	<1	11
1045232	Drill Core	1.36	0.125	15.8	20	1.58	104	0.079	7.24	1.934	1.51	0.4	52.9	34	0.7	9.8	0.8	<0.1	1	8
1045233	Drill Core	1.64	0.142	19.9	30	1.47	26	0.096	9.06	1.752	1.96	0.8	62.9	43	1.3	11.8	0.9	<0.1	2	12
1045234	Drill Core	1.21	0.122	19.2	25	1.56	26	0.076	6.43	1.461	1.64	0.6	54.2	42	0.8	10.7	0.7	<0.1	<1	8
1045235	Drill Core	2.23	0.122	18.4	25	1.27	73	0.093	9.73	0.994	1.89	1.0	80.9	41	1.0	13.8	1.4	0.1	1	12
1045236	Drill Core	1.15	0.059	17.2	73	1.13	89	0.103	7.00	1.400	1.86	0.7	45.5	37	1.0	9.6	1.3	<0.1	1	13
1045237	Drill Core	1.09	0.060	16.8	78	1.17	65	0.105	6.88	1.715	1.75	1.0	45.9	36	1.1	9.9	1.3	<0.1	1	12
1045238	Drill Core	1.21	0.057	16.8	67	1.08	50	0.095	6.93	1.204	1.89	0.7	43.0	37	1.0	9.6	0.9	<0.1	1	12
1045239	Drill Core	1.18	0.058	16.4	81	1.01	58	0.109	7.64	0.698	2.62	0.9	41.6	36	1.6	9.4	1.3	<0.1	1	14
1045240	Drill Core	1.00	0.067	17.5	85	1.19	97	0.127	7.30	1.055	2.27	0.4	46.1	38	1.2	9.5	1.4	0.1	1	13



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Project: Poplar Drilling
Report Date: October 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000463.1

	Method Analyte Unit MDL	1EX	1EX	1EX
		S	Rb	Hf
		%	ppm	ppm
		0.1	0.1	0.1
1045211	Drill Core	2.8	76.2	0.9
1045212	Drill Core	3.3	68.8	0.9
1045213	Drill Core	3.4	70.3	0.9
1045214	Drill Core	2.9	67.2	1.2
1045215	Rock	<0.1	0.2	<0.1
1045216	Drill Core	2.9	65.4	0.9
1045217	Drill Core	3.7	77.4	0.8
1045218	Core Pulp	9.6	20.8	0.9
1045219	Drill Core	3.9	88.8	0.7
1045220	Drill Core	3.6	58.8	1.3
1045221	Drill Core	5.3	57.2	1.2
1045222	Drill Core	4.0	84.4	1.0
1045223	Drill Core	3.7	61.0	0.8
1045224	Drill Core	4.8	83.0	1.3
1045225	Drill Core	4.9	74.4	1.5
1045226	Core Pulp	9.5	22.2	0.9
1045227	Drill Core	5.1	74.4	1.6
1045228	Drill Core	3.8	51.5	1.5
1045229	Drill Core	3.6	61.1	1.5
1045230	Rock	<0.1	0.2	<0.1
1045231	Drill Core	4.5	68.0	1.3
1045232	Drill Core	3.4	69.0	1.5
1045233	Drill Core	5.6	78.6	1.5
1045234	Drill Core	5.6	68.5	1.4
1045235	Drill Core	3.8	74.3	2.1
1045236	Drill Core	2.2	65.4	1.2
1045237	Drill Core	2.9	66.7	1.2
1045238	Drill Core	3.2	70.3	1.3
1045239	Drill Core	2.9	86.4	1.2
1045240	Drill Core	2.6	79.7	1.3



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QUALITY CONTROL REPORT

SMI11000463.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045181	Drill Core	5.96	0.091	126.4	3491	14.7	91	1.4	10.5	16.5	334	3.66	44	1.7	0.1	4.9	751	0.5	0.7	0.2	127
REP 1045181	QC			132.9	3627	13.3	92	1.0	11.2	16.5	344	3.56	47	1.6	<0.1	4.7	739	0.2	0.6	0.1	124
1045194	Drill Core	6.21	0.073	127.1	4147	11.0	42	1.3	9.3	19.3	197	1.94	3	1.7	<0.1	5.1	445	0.2	0.2	0.2	74
REP 1045194	QC		0.079																		
1045216	Drill Core	5.98	<0.005	9.5	407.5	23.3	68	0.8	3.0	16.7	179	2.75	57	1.5	<0.1	4.0	547	0.4	4.7	0.1	35
REP 1045216	QC		<0.005																		
1045227	Drill Core	7.85	<0.005	22.9	101.7	11.4	32	0.2	14.6	35.3	312	4.97	3	2.9	<0.1	4.3	450	0.1	0.7	0.3	61
REP 1045227	QC			23.6	92.4	8.5	26	0.2	14.3	31.4	272	5.05	2	2.7	<0.1	3.8	425	<0.1	0.6	0.2	62
Core Reject Duplicates																					
1045193	Drill Core	5.90	0.044	202.3	2472	13.5	50	0.8	8.9	23.7	195	2.41	3	1.7	<0.1	4.8	522	0.3	0.2	0.1	69
DUP 1045193	QC		0.047	222.1	2239	12.1	46	0.8	9.0	21.8	206	2.36	1	1.5	<0.1	4.4	446	<0.1	<0.1	0.1	65
1045228	Drill Core	7.12	<0.005	2.7	99.5	6.3	29	<0.1	15.3	14.3	193	3.91	4	1.6	<0.1	3.7	338	0.1	0.5	0.3	79
DUP 1045228	QC		<0.005	2.6	118.5	7.2	29	<0.1	16.5	16.8	199	4.22	4	1.7	<0.1	3.7	339	0.2	0.5	0.3	82
Reference Materials																					
STD OREAS24P	Standard			1.4	47.8	3.4	113	<0.1	147.2	44.9	1121	7.57	3	0.7	<0.1	2.9	386	0.2	<0.1	<0.1	162
STD OREAS24P	Standard			1.4	52.1	3.1	119	<0.1	142.9	45.3	1158	7.61	2	0.7	<0.1	2.8	397	0.2	0.1	<0.1	170
STD OREAS45C	Standard			2.2	604.9	25.4	76	0.3	333.7	99.3	1124	17.88	12	2.3	<0.1	10.3	45	<0.1	1.0	0.2	244
STD OREAS45C	Standard			2.2	593.2	25.1	82	0.2	332.6	98.5	1159	17.26	12	2.2	<0.1	10.1	39	0.2	0.8	0.2	266
STD OXH82	Standard		1.210																		
STD OXH82	Standard		1.372																		
STD OXH82	Standard		1.278																		
STD OXH82	Standard		1.333																		
STD OXK79	Standard		3.748																		
STD OXK79	Standard		3.586																		
STD OXK79	Standard		3.552																		
STD OXK79	Standard		3.763																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: October 17, 2011

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI11000463.1

		Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
Pulp Duplicates																				
1045181	Drill Core		3.23	0.182	28.8	12	1.24	536	0.340	8.12	2.609	2.75	0.9	39.7	55	1.1	14.5	5.3	0.3	2
REP 1045181	QC		3.11	0.180	27.2	12	1.23	534	0.324	8.23	2.591	2.73	0.9	39.1	52	1.1	13.8	5.5	0.3	2
1045194	Drill Core		2.84	0.112	37.4	11	1.01	573	0.143	8.05	2.318	2.63	0.5	34.5	67	0.9	12.7	1.7	0.1	1
REP 1045194	QC																			
1045216	Drill Core		1.68	0.087	14.0	1	0.59	42	0.068	7.22	1.683	2.56	1.1	24.6	31	0.9	8.1	2.1	0.1	1
REP 1045216	QC																			
1045227	Drill Core		2.06	0.142	35.9	12	1.16	38	0.069	8.47	0.459	2.25	1.2	65.6	69	0.9	11.8	0.7	<0.1	2
REP 1045227	QC		1.90	0.127	35.6	11	1.18	47	0.060	7.98	0.434	2.29	1.1	59.2	69	0.9	11.5	0.7	<0.1	2
Core Reject Duplicates																				
1045193	Drill Core		2.65	0.102	30.5	15	1.13	127	0.139	7.52	2.828	2.50	0.6	29.8	57	0.8	10.6	2.0	0.1	1
DUP 1045193	QC		2.56	0.096	26.2	15	1.11	111	0.132	7.41	2.700	2.29	0.4	27.5	49	0.8	9.6	1.9	0.1	1
1045228	Drill Core		1.40	0.121	19.5	17	1.23	78	0.081	7.05	2.311	1.36	0.6	52.3	41	0.7	10.8	0.7	<0.1	<1
DUP 1045228	QC		1.52	0.124	20.8	17	1.26	47	0.077	7.12	2.218	1.41	0.6	51.7	44	0.7	11.2	0.7	<0.1	1
Reference Materials																				
STD OREAS24P	Standard		6.02	0.141	18.3	198	4.00	285	1.052	7.73	2.371	0.68	0.5	130.5	39	1.7	24.8	18.8	1.1	<1
STD OREAS24P	Standard		5.74	0.137	20.0	214	4.26	293	1.098	7.83	2.489	0.70	0.5	135.5	38	1.7	21.3	20.3	1.1	1
STD OREAS45C	Standard		0.48	0.050	24.4	771	0.30	267	1.167	7.28	0.116	0.34	1.1	162.2	50	3.0	14.5	22.5	1.4	<1
STD OREAS45C	Standard		0.46	0.049	27.2	887	0.24	278	1.191	7.29	0.097	0.34	1.1	159.6	50	2.9	12.1	22.4	1.4	<1
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OREAS24P Expected			5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20
STD OREAS45C Expected			0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03



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Project: Poplar Drilling

Report Date: October 17, 2011

Page: 1 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000463.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045181	Drill Core	1.4	92.2	1.1
REP 1045181	QC	1.3	91.9	1.2
1045194	Drill Core	1.1	67.4	1.0
REP 1045194	QC			
1045216	Drill Core	2.9	65.4	0.9
REP 1045216	QC			
1045227	Drill Core	5.1	74.4	1.6
REP 1045227	QC	5.0	70.5	1.6
Core Reject Duplicates				
1045193	Drill Core	2.4	60.6	0.9
DUP 1045193	QC	2.3	54.4	0.9
1045228	Drill Core	3.8	51.5	1.5
DUP 1045228	QC	4.2	53.6	1.5
Reference Materials				
STD OREAS24P	Standard	<0.1	20.9	3.6
STD OREAS24P	Standard	<0.1	22.9	3.5
STD OREAS45C	Standard	<0.1	24.1	4.0
STD OREAS45C	Standard	<0.1	23.8	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27



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Project: Poplar Drilling

Report Date: October 17, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

SMI11000463.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OXH82 Expected		1.278																		
STD OXK79 Expected		3.532																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
Prep Wash																				
G1	Prep Blank		<0.005	0.2	1.8	20.7	54	<0.1	3.6	5.0	731	2.30	1	2.8	<0.1	8.7	697	0.2	0.2	0.2
G1	Prep Blank		<0.005	0.3	2.3	19.8	55	<0.1	3.5	4.7	757	2.39	1	2.8	<0.1	8.1	732	0.2	0.1	0.2



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Project: Poplar Drilling

Report Date: October 17, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI11000463.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	2.32	0.078	28.4	6	0.64	994	0.242	7.56	2.617	3.09	0.2	12.9	56	1.5	14.4	24.7	1.4	3	5	36.1
G1	Prep Blank	2.37	0.080	28.7	6	0.67	949	0.247	7.52	2.766	3.02	0.1	12.9	54	1.6	14.8	25.0	1.3	3	5	34.6



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Project: Poplar Drilling

Report Date: October 17, 2011

Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000463.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OXH82 Expected				
STD OXK79 Expected				
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank	<0.1	124.7	0.7
G1	Prep Blank	<0.1	125.2	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: March 30, 2012
Report Date: April 11, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000463P.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POPQAQC2
P.O. Number
Number of Samples: 21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	20	Pulverize to 85% passing 200 mesh			VAN
G601	21	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: April 11, 2012

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI11000463P.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
1045188	Core Reject	0.082
1045189	Core Reject	0.166
1045190	Core Reject	0.055
1045191	Core Reject	0.042
1045192	Core Reject	0.048
1045193	Core Reject	0.048
1045194	Core Reject	0.091
1045195	Rock	<0.005
1045196	Core Reject	0.034
1045197	Core Reject	0.037
1045198	Rock Pulp	0.817
1045199	Core Reject	0.017
1045200	Core Reject	0.020
1045201	Core Reject	0.019
1045202	Core Reject	0.006
1045203	Core Reject	0.011
1045204	Core Reject	0.031
1045205	Core Reject	0.019
1045206	Core Reject	0.017
1045207	Core Reject	0.021
1045208	Core Reject	0.012



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Project: Poplar Drilling

Report Date: April 11, 2012

Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

SMI11000463P.1

Method		G6
Analyte		Au
Unit		ppm
MDL		0.005
Pulp Duplicates		
1045188	Core Reject	0.082
REP 1045188	QC	0.083
Reference Materials		
STD OXH82	Standard	1.324
STD OXH82	Standard	1.375
STD OXK94	Standard	3.227
STD OXK94	Standard	3.654
STD OXH82 Expected		1.278
STD OXK94 Expected		3.562
BLK	Blank	<0.005
BLK	Blank	0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
Prep Wash		
G1-SMI	Prep Blank	<0.005
G1-SMI	Prep Blank	<0.005



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 20, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000463R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_4
P.O. Number
Number of Samples: 21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	21	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	21	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

SMI11000463R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1045188	Drill Core	0.080	91.2	3753	12.9	47	1.3	7.2	26.5	263	3.24	8	1.7	<0.1	4.0	564	<0.1	1.0	0.2	66
1045189	Drill Core	0.149	429.3	7266	33.0	108	2.9	7.8	23.7	340	2.54	35	1.3	0.2	4.2	526	0.5	1.8	0.1	66
1045190	Drill Core	0.056	252.8	3290	11.4	48	1.1	9.5	26.2	214	2.96	2	1.4	<0.1	4.3	557	0.2	0.1	<0.1	77
1045191	Drill Core	0.037	109.5	2461	8.9	46	0.9	9.2	29.7	227	3.03	2	1.2	<0.1	4.1	443	<0.1	0.2	<0.1	70
1045192	Drill Core	0.033	78.9	2637	9.0	43	1.0	8.9	28.6	224	3.08	1	1.1	<0.1	4.1	501	0.2	0.2	<0.1	69
1045193	Drill Core	0.045	202.5	2475	12.2	45	0.8	8.7	23.3	198	2.31	<1	1.5	<0.1	4.4	443	<0.1	0.1	<0.1	69
1045194	Drill Core	0.076	149.8	4191	11.1	39	1.4	9.7	18.3	188	1.85	2	1.5	0.2	4.7	418	<0.1	0.2	<0.1	74
1045195	Rock	<0.005	0.9	11.1	0.3	<1	<0.1	<0.1	0.3	19	<0.01	<1	1.2	<0.1	<0.1	4270	<0.1	<0.1	<0.1	2
1045196	Drill Core	0.040	66.6	2343	9.4	42	0.7	9.2	32.7	231	2.97	7	1.9	<0.1	4.3	558	0.2	0.3	<0.1	86
1045197	Drill Core	0.028	56.6	1988	7.2	40	0.8	9.0	29.7	275	3.26	6	1.6	<0.1	4.3	596	0.1	0.4	<0.1	78
1045198	Core Pulp	0.684	22.4	5286	6515	>10000	73.4	45.7	19.2	542	9.11	379	2.3	1.0	2.3	142	232.2	110.0	25.7	76
1045199	Drill Core	0.015	48.7	1275	10.2	52	0.5	7.7	24.2	217	3.76	3	1.9	<0.1	3.9	508	0.1	0.3	0.1	74
1045200	Drill Core	0.018	63.6	1275	11.2	45	0.6	7.5	27.2	251	3.86	3	2.0	<0.1	3.9	405	0.1	0.3	<0.1	77
1045201	Drill Core	0.014	48.2	1173	8.8	37	0.5	4.8	26.2	194	2.79	10	1.7	<0.1	4.2	522	<0.1	0.3	<0.1	50
1045202	Drill Core	0.006	51.0	552.8	97.2	904	0.7	3.2	20.8	484	2.65	67	1.7	<0.1	4.5	2783	7.0	4.1	<0.1	37
1045203	Drill Core	0.008	47.9	626.3	12.4	50	0.4	3.1	15.5	197	2.28	24	1.9	<0.1	4.7	795	0.2	0.6	<0.1	41
1045204	Drill Core	0.031	315.8	1366	92.6	422	0.7	4.5	14.1	274	1.85	121	2.1	<0.1	4.9	5212	3.9	2.3	<0.1	37
1045205	Drill Core	0.017	34.3	923.2	17.8	59	0.5	3.4	11.6	163	1.74	20	1.5	<0.1	4.9	850	0.4	0.3	<0.1	41
1045206	Drill Core	0.013	21.8	783.4	12.8	52	0.4	3.8	16.4	177	2.24	13	1.8	<0.1	4.7	692	0.3	0.3	<0.1	43
1045207	Drill Core	0.017	51.1	1060	15.0	44	0.5	3.2	15.0	242	2.13	27	1.8	<0.1	4.6	319	0.2	1.6	<0.1	47
1045208	Drill Core	0.009	16.3	813.1	10.5	33	0.4	3.4	16.8	177	2.42	24	1.6	<0.1	4.6	361	0.2	0.9	<0.1	40



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI11000463R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1045188	Drill Core	0.102	16.9	11	0.87	58	0.150	7.41	2.704	2.94	0.7	29.8	35	1.2	9.0	2.6	0.2	2	6	14.9
1045189	Drill Core	0.102	25.6	10	0.78	127	0.167	7.29	2.236	3.18	0.6	20.8	51	1.1	10.7	2.6	0.2	1	6	19.5
1045190	Drill Core	0.104	27.5	16	1.08	73	0.181	7.52	3.101	2.90	0.5	25.5	54	1.0	10.3	2.8	0.2	1	7	14.0
1045191	Drill Core	0.091	9.5	18	1.00	67	0.146	7.26	2.548	2.62	0.5	24.2	21	0.6	5.7	2.3	0.1	1	7	14.3
1045192	Drill Core	0.093	10.2	17	1.00	56	0.149	7.53	2.607	2.66	0.4	24.2	22	0.7	5.8	2.1	0.2	1	7	15.1
1045193	Drill Core	0.099	23.4	18	1.09	74	0.136	7.44	2.712	2.43	0.6	28.9	47	0.7	9.5	1.9	0.1	2	7	17.3
1045194	Drill Core	0.105	29.7	14	0.98	201	0.141	7.73	2.301	2.67	0.6	33.6	58	1.0	11.3	1.7	0.1	1	7	20.9
1045195	Rock	0.003	0.2	3	1.40	8	0.001	0.05	0.008	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.1
1045196	Drill Core	0.109	13.0	17	1.14	67	0.186	7.78	2.805	2.12	0.8	34.1	27	0.8	7.4	2.6	0.2	1	8	20.8
1045197	Drill Core	0.108	12.4	17	1.08	96	0.156	7.26	1.737	2.40	0.7	34.7	26	0.7	7.1	2.3	0.1	2	8	28.5
1045198	Core Pulp	0.048	10.2	36	0.90	32	0.178	3.82	1.271	0.71	1.5	28.3	22	51.1	9.9	4.2	0.2	<1	8	11.9
1045199	Drill Core	0.110	10.8	16	0.97	51	0.130	7.65	2.157	2.68	0.5	42.5	25	0.9	7.0	2.0	0.1	<1	7	18.8
1045200	Drill Core	0.122	18.5	13	1.05	62	0.127	7.69	1.936	2.62	0.7	48.9	40	1.0	10.8	1.8	0.1	2	7	27.5
1045201	Drill Core	0.095	15.6	10	0.75	63	0.090	7.42	2.506	2.91	0.5	31.1	32	0.6	7.6	2.1	0.2	1	5	32.1
1045202	Drill Core	0.079	21.2	8	0.79	72	0.064	7.25	1.529	2.78	0.6	25.9	44	0.7	7.2	1.6	0.1	<1	4	32.9
1045203	Drill Core	0.092	17.2	9	0.72	89	0.081	7.50	2.636	2.75	0.5	30.9	35	0.6	7.0	2.1	0.1	2	4	37.1
1045204	Drill Core	0.078	49.3	7	0.63	125	0.065	7.69	1.690	3.31	0.7	25.6	86	0.6	8.2	1.6	0.1	1	4	35.9
1045205	Drill Core	0.078	20.2	9	0.61	257	0.084	7.55	2.727	3.24	0.4	25.1	40	0.5	7.3	1.8	0.1	1	4	39.7
1045206	Drill Core	0.082	19.0	5	0.68	82	0.082	7.69	2.605	3.18	0.5	23.3	39	0.7	7.5	1.8	0.1	1	4	24.6
1045207	Drill Core	0.086	17.5	6	0.72	146	0.109	7.68	1.508	2.88	0.9	20.6	37	0.7	7.1	2.0	0.2	1	4	37.6
1045208	Drill Core	0.082	16.6	6	0.70	93	0.085	7.39	2.309	2.68	1.0	21.7	34	0.8	7.5	2.0	0.2	2	4	38.6



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Report Date: February 20, 2012

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000463R.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
1045188	Drill Core	68.9	0.9
1045189	Drill Core	64.4	0.7
1045190	Drill Core	59.9	0.7
1045191	Drill Core	62.4	0.8
1045192	Drill Core	59.2	0.8
1045193	Drill Core	52.5	0.9
1045194	Drill Core	60.3	1.0
1045195	Rock	0.3	<0.1
1045196	Drill Core	52.3	1.0
1045197	Drill Core	60.8	1.0
1045198	Core Pulp	21.1	1.0
1045199	Drill Core	69.0	1.3
1045200	Drill Core	65.8	1.4
1045201	Drill Core	63.8	1.1
1045202	Drill Core	76.7	1.0
1045203	Drill Core	70.2	1.0
1045204	Drill Core	80.4	0.9
1045205	Drill Core	72.0	0.9
1045206	Drill Core	72.6	0.9
1045207	Drill Core	77.1	0.8
1045208	Drill Core	71.4	0.8



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QUALITY CONTROL REPORT

SMI11000463R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
1045196	Drill Core	0.040	66.6	2343	9.4	42	0.7	9.2	32.7	231	2.97	7	1.9	<0.1	4.3	558	0.2	0.3	<0.1	86	2.13
REP 1045196	QC	0.033																			
1045201	Drill Core	0.014	48.2	1173	8.8	37	0.5	4.8	26.2	194	2.79	10	1.7	<0.1	4.2	522	<0.1	0.3	<0.1	50	1.79
REP 1045201	QC		40.8	1202	9.5	36	0.5	4.4	26.3	199	2.84	8	1.8	<0.1	4.4	527	<0.1	0.3	<0.1	50	1.82
Reference Materials																					
STD OREAS24P	Standard		1.9	58.5	3.0	118	<0.1	144.1	45.4	1150	7.50	<1	0.7	<0.1	3.1	390	<0.1	0.1	<0.1	169	6.10
STD OREAS45C	Standard		2.4	619.0	25.7	83	0.3	342.5	100.6	1175	17.33	11	2.4	<0.1	11.4	28	<0.1	0.9	0.1	280	0.50
STD OXH82	Standard	1.215																			
STD OXK79	Standard	3.379																			
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	1.0	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01



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QUALITY CONTROL REPORT

SMI11000463R.1

		Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045196	Drill Core		0.109	13.0	17	1.14	67	0.186	7.78	2.805	2.12	0.8	34.1	27	0.8	7.4	2.6	0.2	1	8
REP 1045196	QC																			
1045201	Drill Core		0.095	15.6	10	0.75	63	0.090	7.42	2.506	2.91	0.5	31.1	32	0.6	7.6	2.1	0.2	1	5
REP 1045201	QC		0.096	14.5	11	0.77	51	0.094	7.59	2.517	2.94	0.5	31.7	31	0.6	7.6	2.0	0.1	1	5
Reference Materials																				
STD OREAS24P	Standard		0.134	19.0	218	4.12	284	1.140	7.96	2.527	0.69	0.4	138.8	38	1.7	21.9	19.7	1.1	1	21
STD OREAS45C	Standard		0.048	26.9	963	0.24	283	1.205	7.42	0.105	0.36	1.1	162.3	52	2.7	11.9	22.0	1.5	<1	60
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected			0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20
STD OREAS45C Expected			0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.001	<0.1	3	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1



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Project: Poplar Drilling

Report Date: February 20, 2012

Page: 1 of 1 **Part** 3

QUALITY CONTROL REPORT

SMI11000463R.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
Pulp Duplicates			
1045196	Drill Core	52.3	1.0
REP 1045196	QC		
1045201	Drill Core	63.8	1.1
REP 1045201	QC	65.7	1.0
Reference Materials			
STD OREAS24P	Standard	22.0	3.5
STD OREAS45C	Standard	23.1	4.3
STD OXH82	Standard		
STD OXK79	Standard		
STD OXH82 Expected			
STD OXK79 Expected			
STD OREAS24P Expected		22.4	3.6
STD OREAS45C Expected		24	4.27
BLK	Blank		
BLK	Blank		
BLK	Blank	0.1	<0.1



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: September 16, 2011
Report Date: November 20, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000464.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_5
P.O. Number
Number of Samples: 60

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	60	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	60	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000464.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045241	Drill Core	11.75	0.006	4.5	215.6	4.8	27	<0.1	71.2	27.4	176	4.49	20	1.4	<0.1	5.4	307	<0.1	15.4	0.2
1045242	Drill Core	10.32	<0.005	4.2	192.3	5.8	31	0.1	66.0	29.9	181	5.12	25	1.3	<0.1	4.9	660	<0.1	0.9	0.2
1045243	Drill Core	13.51	0.008	5.6	263.8	50.5	159	0.8	69.7	33.4	476	6.07	92	1.3	<0.1	4.8	340	0.6	13.4	0.2
1045244	Drill Core	13.27	<0.005	2.3	140.0	23.9	74	0.3	56.7	12.7	743	3.50	37	1.4	<0.1	5.4	236	0.5	2.0	0.2
1045245	Drill Core	12.18	0.006	6.4	202.1	4.9	22	0.1	64.3	13.3	224	3.18	35	1.5	<0.1	5.3	396	<0.1	1.3	0.1
1045246	Core Pulp	0.12	0.956	24.0	5249	5941	>10000	72.3	46.9	18.7	552	9.05	393	2.1	0.8	2.3	160	228.2	109.1	26.0
1045247	Drill Core	11.94	0.005	4.5	204.3	8.9	51	0.1	67.5	22.8	248	4.29	34	1.4	<0.1	5.3	109	0.1	18.2	0.1
1045248	Drill Core	9.61	0.005	17.8	198.4	5.1	25	0.1	62.5	18.4	200	3.23	29	1.5	<0.1	5.1	66	<0.1	18.6	0.1
1045249	Drill Core	10.18	0.009	5.4	366.9	5.2	28	0.6	60.1	18.1	300	3.63	44	1.4	<0.1	5.7	116	<0.1	27.5	0.1
1045250	Rock	0.50	<0.005	0.2	1.6	0.2	1	0.2	<0.1	0.4	25	0.08	<1	1.5	<0.1	<0.1	4098	<0.1	0.1	<0.1
1045251	Drill Core	12.63	<0.005	7.3	160.1	4.9	23	0.2	58.2	20.6	327	3.62	24	1.6	<0.1	6.9	118	<0.1	5.7	0.2
1045252	Drill Core	7.05	<0.005	1.8	257.0	4.7	26	0.1	56.8	18.8	268	3.97	15	1.6	<0.1	5.6	189	<0.1	3.7	0.1
1045253	Drill Core	11.21	0.011	16.7	614.9	8.0	34	0.3	16.0	31.5	257	6.24	11	1.7	<0.1	3.7	169	0.1	9.6	0.3
1045254	Drill Core	7.10	0.010	11.1	582.6	9.2	31	0.3	16.0	25.9	239	5.63	9	1.7	<0.1	4.0	185	<0.1	8.1	0.3
1045255	Drill Core	9.39	0.019	13.4	323.9	16.6	39	0.5	12.3	35.6	253	5.80	24	1.7	<0.1	3.4	246	0.2	3.6	0.3
1045256	Drill Core	7.79	0.010	3.9	476.3	16.5	50	0.4	7.3	25.7	221	4.97	24	1.7	<0.1	4.0	238	0.2	2.8	0.2
1045257	Drill Core	7.09	0.007	4.4	398.3	11.7	39	0.2	6.3	21.8	191	4.58	18	1.6	<0.1	3.9	328	0.2	2.9	0.2
1045258	Drill Core	7.88	<0.005	9.9	267.7	9.3	23	0.2	9.4	17.1	219	3.74	49	1.8	<0.1	4.7	339	<0.1	13.7	0.1
1045259	Drill Core	6.67	<0.005	28.8	146.2	6.7	28	0.2	56.4	26.7	242	2.85	55	1.6	<0.1	6.6	264	<0.1	17.4	0.1
1045260	Drill Core	5.69	0.010	5.0	575.1	7.4	27	0.2	9.7	26.2	275	4.88	20	1.6	<0.1	4.0	132	<0.1	16.5	0.1
1045261	Drill Core	6.56	<0.005	13.9	235.9	3.3	24	0.2	53.4	12.5	309	2.91	51	1.6	<0.1	6.9	227	<0.1	14.0	0.2
1045262	Drill Core	7.14	0.032	90.1	2555	53.8	719	1.9	65.2	65.6	414	4.58	698	1.8	<0.1	5.9	623	0.1	94.8	0.2
1045263	Drill Core	6.18	0.007	31.2	554.1	13.1	46	0.7	58.0	23.5	514	3.56	133	1.6	<0.1	6.2	426	<0.1	28.3	<0.1
1045264	Drill Core	6.86	<0.005	29.2	458.1	33.5	247	0.7	61.1	20.1	894	4.04	101	1.7	<0.1	7.4	326	0.9	28.9	<0.1
1045265	Drill Core	7.11	<0.005	38.5	342.5	4.5	25	0.4	55.3	34.2	358	4.00	41	1.8	<0.1	7.0	86	0.1	10.3	0.2
1045266	Drill Core	6.98	0.012	53.2	314.5	19.1	26	0.9	59.2	25.2	466	4.18	48	1.7	<0.1	6.8	76	<0.1	6.6	0.7
1045267	Core Pulp	0.15	0.948	163.2	3619	50.1	134	3.4	26.9	20.3	525	5.15	59	1.2	1.2	3.0	255	0.6	7.8	0.6
1045268	Drill Core	4.14	<0.005	12.6	389.1	5.8	25	0.4	64.2	19.8	255	3.27	28	2.1	<0.1	8.0	425	<0.1	1.0	0.2
1045269	Drill Core	7.32	<0.005	7.1	224.3	6.1	19	0.3	9.3	17.5	179	3.24	13	1.6	<0.1	5.2	618	<0.1	0.4	0.3
1045270	Drill Core	7.34	<0.005	8.0	315.1	24.1	63	0.5	5.3	25.5	208	3.35	14	1.7	<0.1	5.1	552	0.3	0.4	0.2



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Project: Poplar Drilling
Report Date: November 20, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045241	Drill Core	1.09	0.061	17.5	74	0.99	276	0.105	6.95	0.374	2.38	0.7	47.3	36	1.5	7.6	1.3	<0.1	1	13
1045242	Drill Core	1.31	0.057	17.2	68	1.09	149	0.087	6.42	0.706	1.96	0.4	41.9	35	1.1	7.5	1.1	<0.1	2	12
1045243	Drill Core	1.04	0.056	15.4	75	0.85	118	0.082	6.19	0.182	2.56	0.8	40.3	32	1.1	7.0	1.1	<0.1	<1	11
1045244	Drill Core	1.52	0.060	18.1	74	1.32	694	0.128	6.84	0.500	2.63	0.8	43.4	37	1.2	7.9	1.6	0.1	1	13
1045245	Drill Core	0.96	0.060	17.7	74	1.22	575	0.131	6.68	0.992	2.44	0.5	46.8	37	0.8	7.3	1.8	0.1	2	13
1045246	Core Pulp	1.66	0.045	11.1	34	0.84	112	0.179	3.61	1.227	0.71	1.2	33.1	24	53.6	10.7	4.2	0.2	<1	7
1045247	Drill Core	0.76	0.065	16.1	77	1.07	645	0.173	6.85	0.267	2.28	1.0	44.3	33	0.9	7.1	2.4	0.2	2	14
1045248	Drill Core	0.61	0.076	14.4	82	0.89	813	0.170	6.42	0.148	2.88	1.9	46.8	32	1.3	6.4	2.9	0.2	2	13
1045249	Drill Core	1.48	0.068	17.3	73	1.19	909	0.161	7.33	0.173	3.00	1.5	42.3	37	1.4	7.9	2.6	0.2	1	15
1045250	Rock	31.75	0.003	0.4	<1	1.77	9	0.005	0.18	0.009	0.03	<0.1	1.5	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045251	Drill Core	1.16	0.067	19.8	72	1.37	809	0.149	7.63	0.466	2.87	1.0	45.9	41	1.0	8.0	2.6	0.2	2	15
1045252	Drill Core	1.10	0.071	17.9	75	1.43	579	0.156	7.46	1.133	2.59	0.6	52.1	37	0.9	9.0	2.4	0.2	1	15
1045253	Drill Core	2.09	0.118	15.8	10	1.20	166	0.127	7.36	1.117	1.48	0.8	64.6	33	1.0	11.9	1.4	<0.1	1	8
1045254	Drill Core	2.02	0.111	16.4	12	1.15	148	0.121	7.28	1.166	1.43	0.7	61.0	33	0.9	11.2	1.2	0.1	2	8
1045255	Drill Core	2.12	0.098	15.4	4	0.98	137	0.059	6.89	0.257	2.43	1.5	67.1	31	1.4	9.0	1.1	<0.1	<1	5
1045256	Drill Core	2.04	0.122	16.4	8	0.92	293	0.070	7.51	1.070	1.68	0.4	68.1	34	0.9	10.2	1.1	<0.1	1	7
1045257	Drill Core	2.25	0.119	16.0	8	0.90	310	0.062	7.41	1.204	1.32	0.4	64.2	33	0.8	10.7	1.1	<0.1	2	7
1045258	Drill Core	2.07	0.113	20.3	10	1.10	248	0.057	7.46	0.296	1.88	0.7	50.1	39	0.8	9.0	1.0	<0.1	1	7
1045259	Drill Core	1.89	0.071	22.5	66	1.17	838	0.176	7.91	0.145	2.54	1.0	40.4	45	1.1	10.2	2.9	0.2	1	15
1045260	Drill Core	2.47	0.128	18.5	7	1.07	354	0.079	8.00	0.241	1.49	0.5	62.3	37	1.0	11.8	1.2	<0.1	<1	7
1045261	Drill Core	1.71	0.069	22.2	71	1.13	857	0.137	7.54	0.173	2.82	0.6	43.7	44	1.0	10.5	2.3	0.1	<1	14
1045262	Drill Core	2.69	0.084	28.6	63	1.41	216	0.103	6.53	0.139	2.70	1.1	38.5	51	1.4	9.8	1.6	0.1	<1	12
1045263	Drill Core	1.61	0.064	21.5	71	1.32	944	0.133	7.07	0.140	3.18	1.1	39.9	42	1.1	7.6	2.3	0.2	2	13
1045264	Drill Core	1.36	0.077	23.7	74	1.32	880	0.159	8.16	0.174	2.83	0.8	43.3	47	1.0	9.8	2.7	0.2	1	17
1045265	Drill Core	1.32	0.070	23.8	76	1.21	810	0.109	7.38	0.186	3.15	1.3	40.7	46	1.2	9.6	1.7	0.1	1	14
1045266	Drill Core	1.03	0.069	22.2	76	1.11	705	0.110	7.30	0.175	2.98	3.7	41.1	43	2.3	7.9	2.0	0.1	2	14
1045267	Core Pulp	0.48	0.110	19.1	46	0.85	633	0.258	7.59	1.173	3.56	30.5	25.2	34	3.3	12.9	3.6	0.2	1	13
1045268	Drill Core	1.33	0.089	25.0	80	1.18	937	0.116	8.14	0.658	3.19	0.6	50.1	49	1.0	11.4	2.2	0.2	2	15
1045269	Drill Core	2.51	0.093	24.3	7	0.53	232	0.052	7.71	1.723	2.19	0.5	48.7	47	0.7	9.9	1.5	0.1	1	4
1045270	Drill Core	2.35	0.086	18.9	7	0.63	296	0.056	7.32	1.687	2.06	0.7	48.6	37	0.9	8.7	1.9	0.1	1	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045241	Drill Core	3.4	74.5	1.4
1045242	Drill Core	4.3	67.4	1.3
1045243	Drill Core	5.8	83.0	1.2
1045244	Drill Core	2.1	81.7	1.2
1045245	Drill Core	1.9	61.8	1.3
1045246	Core Pulp	9.5	20.6	1.2
1045247	Drill Core	2.3	51.1	1.3
1045248	Drill Core	1.8	50.0	1.3
1045249	Drill Core	2.0	56.7	1.3
1045250	Rock	0.2	0.4	<0.1
1045251	Drill Core	2.0	61.1	1.4
1045252	Drill Core	2.5	62.0	1.5
1045253	Drill Core	5.0	52.8	1.8
1045254	Drill Core	4.4	54.1	1.6
1045255	Drill Core	5.8	64.8	1.8
1045256	Drill Core	4.5	49.3	1.6
1045257	Drill Core	4.3	40.0	1.7
1045258	Drill Core	3.4	54.8	1.5
1045259	Drill Core	1.6	82.3	1.1
1045260	Drill Core	3.9	48.1	1.7
1045261	Drill Core	1.6	84.6	1.2
1045262	Drill Core	3.5	89.2	1.1
1045263	Drill Core	1.6	69.5	1.1
1045264	Drill Core	1.5	88.3	1.2
1045265	Drill Core	2.2	72.5	1.2
1045266	Drill Core	2.7	61.2	1.1
1045267	Core Pulp	2.7	46.1	0.7
1045268	Drill Core	2.0	76.2	1.5
1045269	Drill Core	3.8	55.9	1.4
1045270	Drill Core	3.8	51.2	1.4



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Part 1

CERTIFICATE OF ANALYSIS

SMI11000464.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045271	Drill Core	6.97	0.006	14.2	462.6	5.9	18	0.4	4.8	19.7	323	3.18	46	2.2	<0.1	5.7	390	<0.1	0.8	0.1
1045272	Rock	0.49	<0.005	0.2	5.9	0.3	2	<0.1	0.2	0.3	31	0.03	2	1.2	<0.1	<0.1	3967	<0.1	<0.1	<0.1
1045273	Drill Core	5.62	<0.005	16.8	490.1	11.8	41	0.8	3.9	19.3	417	3.87	60	1.8	<0.1	4.9	485	0.2	0.9	0.3
1045274	Drill Core	1.18	<0.005	0.9	36.8	6.5	69	0.1	11.9	18.5	856	4.54	37	1.4	<0.1	3.5	589	0.1	0.5	<0.1
1045275	Drill Core	7.86	0.013	12.7	454.1	9.9	22	0.2	4.3	22.1	152	4.65	32	1.5	<0.1	4.9	374	0.1	0.7	0.3
1045276	Drill Core	6.82	0.010	4.0	292.3	9.4	32	0.3	7.1	18.7	197	3.98	11	1.4	<0.1	3.9	302	0.2	0.7	0.2
1045277	Drill Core	4.04	0.010	4.2	311.9	8.8	28	0.3	5.5	21.1	203	3.96	11	1.3	<0.1	3.7	285	0.1	0.6	0.2
1045278	Drill Core	6.60	0.030	35.3	1212	38.5	48	1.0	7.7	33.7	519	4.36	32	1.2	<0.1	3.4	262	0.2	2.7	0.4
1045279	Drill Core	7.15	0.025	9.5	708.8	6.8	24	0.3	8.5	33.4	229	4.90	13	1.5	<0.1	3.9	443	<0.1	1.9	0.1
1045280	Drill Core	7.27	0.008	10.7	315.3	9.0	27	0.1	5.6	25.4	175	3.70	8	1.6	<0.1	3.9	417	0.1	0.4	0.1
1045281	Drill Core	6.79	0.016	19.8	705.7	9.6	29	0.2	9.5	24.9	195	3.21	24	1.5	<0.1	3.7	615	0.2	0.3	0.1
1045282	Drill Core	6.66	0.017	96.3	857.1	29.3	43	0.5	8.0	33.3	397	3.57	188	1.3	<0.1	3.8	543	0.2	3.3	0.1
1045283	Drill Core	7.06	0.033	56.3	1838	9.2	32	0.6	11.1	41.2	255	4.16	270	1.5	<0.1	3.5	517	0.1	1.2	0.1
1045284	Drill Core	7.75	0.012	26.2	605.7	15.9	29	0.4	8.2	31.6	255	4.94	75	1.5	<0.1	3.5	893	0.1	0.4	0.2
1045285	Drill Core	7.19	0.008	18.0	277.2	6.2	23	0.3	4.0	12.3	264	3.59	76	0.8	<0.1	2.6	631	0.1	1.6	0.1
1045286	Core Pulp	0.11	0.866	23.4	5133	6180	>10000	66.1	50.6	20.3	501	8.85	324	2.0	0.9	2.1	135	213.3	96.0	23.6
1045287	Drill Core	7.24	0.016	9.9	808.5	6.5	36	0.3	7.2	25.1	246	5.18	143	1.1	<0.1	3.1	298	0.1	1.2	0.2
1045288	Drill Core	7.69	0.013	5.7	1109	9.8	36	0.3	7.4	26.7	230	5.57	40	1.4	<0.1	3.4	885	0.2	0.2	0.1
1045289	Drill Core	7.02	0.052	326.4	2091	29.1	100	0.7	8.3	32.3	304	3.85	533	1.6	<0.1	3.3	408	<0.1	15.0	0.1
1045290	Drill Core	6.55	0.018	97.5	1065	19.0	71	0.8	7.3	28.8	586	4.11	292	1.6	<0.1	3.4	495	0.2	8.5	0.2
1045291	Drill Core	7.48	0.015	5.3	778.2	8.7	38	0.2	7.2	23.0	244	5.02	40	1.3	<0.1	3.6	184	<0.1	1.0	0.1
1045292	Rock	0.52	0.036	0.1	3.8	0.2	<1	<0.1	<0.1	0.3	36	<0.01	<1	0.9	<0.1	<0.1	3805	<0.1	<0.1	<0.1
1045293	Drill Core	8.20	0.023	29.7	1227	11.6	42	0.3	8.5	31.8	231	4.91	45	1.3	<0.1	3.4	378	<0.1	0.6	0.1
1045294	Drill Core	7.14	0.013	7.0	826.4	10.6	35	0.3	8.4	26.4	257	5.21	44	1.3	<0.1	3.6	241	0.1	0.6	0.1
1045295	Drill Core	7.05	<0.005	35.5	1133	13.8	81	0.5	7.4	20.8	271	3.54	309	1.4	<0.1	3.3	643	0.2	12.4	0.1
1045296	Drill Core	5.70	0.028	118.2	2040	94.9	550	3.2	9.0	26.6	1094	4.10	1258	1.7	<0.1	3.3	488	3.3	44.5	0.2
1045297	Drill Core	3.69	0.037	145.2	2175	68.3	446	3.7	10.1	27.7	725	4.00	937	1.5	<0.1	3.4	573	2.4	41.3	0.3
1045298	Drill Core	8.38	0.021	49.4	1508	9.5	45	0.7	7.3	26.5	329	2.84	440	1.7	<0.1	3.9	514	<0.1	15.0	0.2
1045299	Drill Core	7.09	0.020	49.5	1521	8.2	36	0.5	8.7	32.2	300	3.43	455	1.3	<0.1	3.7	514	0.2	11.3	0.1
1045300	Drill Core	7.38	0.008	15.6	565.4	4.2	19	0.2	4.7	21.9	207	3.76	167	1.4	<0.1	4.2	790	<0.1	3.1	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045271	Drill Core	1.80	0.092	20.3	6	0.77	526	0.051	7.67	1.462	2.27	0.6	53.7	38	0.8	8.9	1.5	0.1	1	4
1045272	Rock	34.74	0.005	0.4	<1	1.79	10	<0.001	0.10	0.016	0.03	<0.1	0.5	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045273	Drill Core	1.60	0.078	20.3	4	0.72	469	0.047	6.92	1.242	2.38	0.7	47.4	37	0.8	7.0	1.5	0.1	2	4
1045274	Drill Core	5.08	0.206	19.7	14	1.75	862	0.582	7.87	1.545	0.94	0.5	95.8	41	0.9	12.4	8.0	0.4	1	14
1045275	Drill Core	2.00	0.089	24.8	4	0.70	25	0.044	7.38	1.832	1.35	0.4	43.6	43	0.5	10.5	1.1	<0.1	1	4
1045276	Drill Core	2.30	0.112	17.1	11	0.85	44	0.080	7.53	1.569	1.67	0.3	39.4	32	0.7	11.3	1.2	<0.1	<1	5
1045277	Drill Core	2.42	0.109	15.9	8	0.86	44	0.078	7.53	1.590	1.65	0.3	38.5	31	0.6	11.1	1.2	<0.1	1	5
1045278	Drill Core	2.35	0.109	21.1	7	1.02	63	0.078	7.28	0.488	2.57	0.9	32.6	38	1.0	11.7	1.1	<0.1	2	6
1045279	Drill Core	2.39	0.116	17.3	11	0.92	37	0.087	7.76	1.821	1.33	0.3	28.1	34	0.7	13.5	1.0	<0.1	1	7
1045280	Drill Core	2.14	0.108	15.2	9	0.86	40	0.059	7.69	1.978	1.29	0.5	33.3	30	0.5	11.8	1.0	<0.1	1	6
1045281	Drill Core	2.15	0.113	11.6	12	0.78	86	0.081	7.68	2.641	1.25	0.6	38.1	22	0.5	11.6	1.3	<0.1	1	6
1045282	Drill Core	1.99	0.119	17.7	8	1.02	67	0.059	7.78	0.569	2.57	0.7	31.9	31	0.6	9.0	1.0	<0.1	1	6
1045283	Drill Core	2.50	0.131	20.8	10	1.05	94	0.117	7.92	1.254	1.77	0.3	40.4	37	0.8	12.6	1.2	<0.1	1	8
1045284	Drill Core	2.26	0.125	14.9	8	1.07	55	0.071	7.59	0.671	2.73	1.0	41.2	27	0.9	11.0	0.9	<0.1	1	8
1045285	Drill Core	2.96	0.128	4.4	8	0.90	77	0.070	6.37	0.235	2.29	1.0	32.7	8	0.9	8.1	0.9	<0.1	1	4
1045286	Core Pulp	1.78	0.046	10.9	32	0.88	19	0.186	3.68	1.150	0.67	1.1	27.6	21	47.1	10.8	4.4	0.2	<1	7
1045287	Drill Core	2.50	0.122	12.9	9	1.17	97	0.130	7.11	1.033	1.82	0.6	37.4	25	1.1	10.6	1.4	<0.1	1	8
1045288	Drill Core	2.32	0.126	16.8	11	1.09	52	0.225	7.72	2.620	1.30	0.2	33.6	32	1.2	14.8	1.9	0.1	2	9
1045289	Drill Core	2.33	0.136	30.4	9	1.05	61	0.108	7.37	0.499	2.19	0.6	35.3	51	0.9	14.6	1.2	<0.1	1	8
1045290	Drill Core	2.67	0.148	21.9	8	1.22	73	0.088	7.94	0.109	2.83	0.8	42.1	38	0.9	13.2	1.1	<0.1	1	8
1045291	Drill Core	2.31	0.146	18.9	10	1.24	105	0.207	8.49	1.054	1.40	0.8	35.6	36	1.1	15.6	1.8	0.1	1	10
1045292	Rock	35.98	0.004	0.6	<1	1.80	6	<0.001	0.03	0.005	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045293	Drill Core	2.67	0.144	16.5	5	1.20	65	0.216	7.86	2.306	1.31	0.6	37.4	32	1.3	14.7	2.1	0.1	2	10
1045294	Drill Core	2.43	0.155	18.0	9	1.18	45	0.178	8.25	1.726	1.14	0.4	40.4	34	0.9	16.3	1.6	<0.1	1	10
1045295	Drill Core	2.17	0.127	13.1	8	1.06	115	0.081	7.51	0.433	2.46	0.7	42.4	23	0.8	9.9	1.2	<0.1	1	7
1045296	Drill Core	2.41	0.100	21.3	7	1.18	62	0.079	6.96	0.128	3.04	1.6	38.8	37	1.6	9.8	1.3	<0.1	1	6
1045297	Drill Core	1.96	0.108	22.1	7	1.04	52	0.071	7.22	0.130	3.12	1.6	39.5	39	1.5	10.1	1.3	<0.1	2	6
1045298	Drill Core	2.06	0.121	22.5	9	1.10	287	0.073	8.02	0.185	2.87	1.1	41.2	40	1.0	11.9	1.3	<0.1	1	7
1045299	Drill Core	2.29	0.123	15.4	8	1.21	104	0.066	7.99	0.333	2.78	0.6	41.2	28	0.8	9.8	1.2	<0.1	1	6
1045300	Drill Core	1.82	0.111	12.4	8	0.96	59	0.050	7.91	0.391	2.93	0.6	33.8	23	0.6	7.3	0.9	<0.1	1	6



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CERTIFICATE OF ANALYSIS

SMI11000464.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045271	Drill Core	2.9	58.0	1.7
1045272	Rock	0.1	0.4	<0.1
1045273	Drill Core	3.5	67.0	1.5
1045274	Drill Core	<0.1	45.6	2.7
1045275	Drill Core	4.6	41.4	1.3
1045276	Drill Core	3.4	55.4	1.2
1045277	Drill Core	3.4	52.3	1.1
1045278	Drill Core	3.6	75.8	1.0
1045279	Drill Core	4.2	50.7	0.9
1045280	Drill Core	3.3	36.2	1.0
1045281	Drill Core	2.7	40.1	1.1
1045282	Drill Core	3.1	72.4	1.0
1045283	Drill Core	3.6	61.4	1.1
1045284	Drill Core	4.3	78.1	1.2
1045285	Drill Core	2.7	67.1	0.8
1045286	Core Pulp	9.0	20.5	1.0
1045287	Drill Core	3.7	60.8	1.0
1045288	Drill Core	3.5	65.2	1.0
1045289	Drill Core	3.3	67.3	1.0
1045290	Drill Core	3.2	86.9	1.2
1045291	Drill Core	3.2	66.3	1.0
1045292	Rock	<0.1	0.2	<0.1
1045293	Drill Core	3.0	55.4	1.0
1045294	Drill Core	3.5	52.9	1.2
1045295	Drill Core	2.7	62.2	1.2
1045296	Drill Core	3.3	90.0	1.2
1045297	Drill Core	3.3	94.9	1.2
1045298	Drill Core	2.3	86.4	1.2
1045299	Drill Core	2.8	79.3	1.1
1045300	Drill Core	3.1	69.4	1.1

QUALITY CONTROL REPORT

SMI11000464.1

		Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	
Pulp Duplicates																							
1045243	Drill Core		13.51	0.008	5.6	263.8	50.5	159	0.8	69.7	33.4	476	6.07	92	1.3	<0.1	4.8	340	0.6	13.4	0.2	100	
REP 1045243	QC		0.007																				
1045259	Drill Core		6.67	<0.005	28.8	146.2	6.7	28	0.2	56.4	26.7	242	2.85	55	1.6	<0.1	6.6	264	<0.1	17.4	0.1	129	
REP 1045259	QC				27.9	145.1	6.7	28	0.2	55.5	25.8	250	2.91	55	1.6	<0.1	6.3	262	<0.1	16.7	0.1	128	
1045280	Drill Core		7.27	0.008	10.7	315.3	9.0	27	0.1	5.6	25.4	175	3.70	8	1.6	<0.1	3.9	417	0.1	0.4	0.1	52	
REP 1045280	QC				11.9	327.0	9.7	29	0.1	5.6	26.3	178	3.69	12	1.6	<0.1	3.8	416	0.1	0.4	0.1	51	
1045293	Drill Core		8.20	0.023	29.7	1227	11.6	42	0.3	8.5	31.8	231	4.91	45	1.3	<0.1	3.4	378	<0.1	0.6	0.1	107	
REP 1045293	QC		0.023																				
Core Reject Duplicates																							
1045253	Drill Core		11.21	0.011	16.7	614.9	8.0	34	0.3	16.0	31.5	257	6.24	11	1.7	<0.1	3.7	169	0.1	9.6	0.3	82	
DUP 1045253	QC				0.010	14.4	587.0	7.7	33	0.2	15.9	31.0	251	6.06	9	1.6	<0.1	3.6	172	0.2	8.9	0.3	82
1045288	Drill Core		7.69	0.013	5.7	1109	9.8	36	0.3	7.4	26.7	230	5.57	40	1.4	<0.1	3.4	885	0.2	0.2	0.1	98	
DUP 1045288	QC				0.010	6.7	1095	10.3	35	0.3	7.3	27.1	222	5.54	41	1.5	<0.1	3.4	858	<0.1	0.2	0.1	95
Reference Materials																							
STD OREAS24P	Standard				1.4	50.9	3.1	113	<0.1	145.8	47.9	1072	7.28	1	0.7	<0.1	3.0	379	0.1	0.1	<0.1	159	
STD OREAS24P	Standard				1.9	55.4	2.8	113	<0.1	149.9	48.2	1090	7.24	2	0.7	<0.1	2.6	352	<0.1	0.1	<0.1	158	
STD OREAS24P	Standard				1.3	48.6	3.1	118	<0.1	133.3	42.3	1019	7.79	<1	0.7	<0.1	2.8	370	0.1	0.1	<0.1	169	
STD OREAS45C	Standard				2.2	631.6	25.3	78	0.3	340.8	105.4	1103	18.25	11	2.3	<0.1	10.8	31	0.1	0.9	0.2	274	
STD OREAS45C	Standard				2.1	609.3	24.5	84	0.3	336.2	104.7	1172	17.48	9	1.8	<0.1	10.6	32	0.2	0.8	0.2	266	
STD OREAS45C	Standard				2.3	603.3	25.1	90	0.3	330.2	99.2	1090	17.78	11	2.3	<0.1	10.7	40	0.2	0.9	0.2	273	
STD OXH82	Standard		1.312																				
STD OXH82	Standard		1.278																				
STD OXH82	Standard		1.309																				
STD OXK79	Standard		3.671																				
STD OXK79	Standard		3.709																				
STD OXK79 Expected			3.532																				
STD OXH82 Expected			1.278																				
STD OREAS24P Expected					1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75			2.85	403	0.15	0.09	158	



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1045243	Drill Core	1.04	0.056	15.4	75	0.85	118	0.082	6.19	0.182	2.56	0.8	40.3	32	1.1	7.0	1.1	<0.1	<1	11	32.6
REP 1045243	QC																				
1045259	Drill Core	1.89	0.071	22.5	66	1.17	838	0.176	7.91	0.145	2.54	1.0	40.4	45	1.1	10.2	2.9	0.2	1	15	64.1
REP 1045259	QC	1.86	0.068	21.3	64	1.17	856	0.188	7.76	0.148	2.50	1.1	40.9	42	0.9	9.5	3.0	0.2	1	15	60.3
1045280	Drill Core	2.14	0.108	15.2	9	0.86	40	0.059	7.69	1.978	1.29	0.5	33.3	30	0.5	11.8	1.0	<0.1	1	6	37.7
REP 1045280	QC	2.18	0.111	15.2	10	0.87	44	0.058	7.90	1.960	1.35	0.5	34.8	31	0.5	11.5	0.9	<0.1	1	6	39.6
1045293	Drill Core	2.67	0.144	16.5	5	1.20	65	0.216	7.86	2.306	1.31	0.6	37.4	32	1.3	14.7	2.1	0.1	2	10	35.3
REP 1045293	QC																				
Core Reject Duplicates																					
1045253	Drill Core	2.09	0.118	15.8	10	1.20	166	0.127	7.36	1.117	1.48	0.8	64.6	33	1.0	11.9	1.4	<0.1	1	8	38.5
DUP 1045253	QC	2.09	0.111	15.6	10	1.17	149	0.123	7.48	1.103	1.44	0.7	62.3	33	1.0	11.9	1.5	0.1	1	8	37.6
1045288	Drill Core	2.32	0.126	16.8	11	1.09	52	0.225	7.72	2.620	1.30	0.2	33.6	32	1.2	14.8	1.9	0.1	2	9	48.1
DUP 1045288	QC	2.28	0.126	16.8	11	1.08	51	0.223	7.70	2.626	1.25	0.2	34.2	32	1.0	14.9	1.9	0.1	1	9	46.8
Reference Materials																					
STD OREAS24P	Standard	5.97	0.139	19.0	200	3.99	285	1.081	7.54	2.388	0.68	0.4	132.3	39	1.7	21.6	19.9	1.1	<1	19	7.8
STD OREAS24P	Standard	5.78	0.125	19.7	195	3.93	266	1.068	7.43	2.391	0.63	0.4	126.7	36	1.5	22.4	19.2	1.0	1	19	7.4
STD OREAS24P	Standard	5.34	0.125	18.3	184	3.91	278	1.042	7.06	2.366	0.67	0.4	130.2	36	1.5	21.6	18.8	1.1	<1	22	7.1
STD OREAS45C	Standard	0.47	0.052	25.9	975	0.24	279	1.225	7.23	0.105	0.35	1.1	163.0	51	3.1	12.4	22.2	1.4	<1	61	16.2
STD OREAS45C	Standard	0.48	0.047	26.8	983	0.22	255	1.225	7.11	0.092	0.32	1.1	152.1	47	2.6	12.6	22.5	1.4	<1	58	15.1
STD OREAS45C	Standard	0.47	0.045	27.6	898	0.27	294	1.214	6.77	0.104	0.35	1.0	171.3	53	3.1	12.8	22.6	1.4	<1	59	14.9
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79 Expected																					
STD OXH82 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045243	Drill Core	5.8	83.0	1.2
REP 1045243	QC			
1045259	Drill Core	1.6	82.3	1.1
REP 1045259	QC	1.6	80.0	1.1
1045280	Drill Core	3.3	36.2	1.0
REP 1045280	QC	3.3	37.3	1.1
1045293	Drill Core	3.0	55.4	1.0
REP 1045293	QC			
Core Reject Duplicates				
1045253	Drill Core	5.0	52.8	1.8
DUP 1045253	QC	4.9	56.5	1.6
1045288	Drill Core	3.5	65.2	1.0
DUP 1045288	QC	3.5	62.3	0.9
Reference Materials				
STD OREAS24P	Standard	<0.1	22.0	3.3
STD OREAS24P	Standard	<0.1	21.0	3.2
STD OREAS24P	Standard	<0.1	21.0	3.4
STD OREAS45C	Standard	<0.1	24.1	4.4
STD OREAS45C	Standard	<0.1	21.7	4.2
STD OREAS45C	Standard	<0.1	22.8	4.5
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79 Expected				
STD OXH82 Expected				
STD OREAS24P Expected		22.4		3.6



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.4	2.4	19.6	55	<0.1	3.9	4.6	748	2.29	<1	2.9	<0.1	8.2	684	<0.1	<0.1	0.2
G1	Prep Blank		<0.005	0.2	2.1	19.6	55	<0.1	4.1	4.5	751	2.36	<1	2.8	<0.1	8.5	671	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.26	0.075	22.7	8	0.64	1019	0.248	6.82	2.733	3.20	0.2	13.0	48	1.5	14.1	24.1	1.4	2	5	36.5
G1	Prep Blank	2.21	0.079	25.3	7	0.63	1025	0.254	6.81	2.641	3.15	0.1	13.4	54	1.5	14.5	24.5	1.4	2	5	37.2



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 20, 2011

Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000464.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	114.7	0.7
G1	Prep Blank	<0.1	77.3	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: September 28, 2011
Report Date: November 22, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000502.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_6
P.O. Number
Number of Samples: 122

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	116	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	122	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	122	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 22, 2011

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045301	Drill Core	7.52	0.015	16.1	576.3	16.1	46	0.6	5.0	26.1	455	4.37	228	2.1	<0.1	3.3	487	0.3	8.3	0.3
1045302	Drill Core	7.45	0.008	18.4	332.5	9.1	27	0.3	5.5	16.6	331	2.72	434	1.3	<0.1	3.2	951	<0.1	5.5	0.3
1045303	Drill Core	7.53	0.010	36.7	509.9	30.9	116	0.9	5.3	17.5	670	3.28	205	1.8	<0.1	3.5	779	0.8	7.8	0.5
1045304	Core Pulp	0.11	0.862	22.8	5127	6199	>10000	71.2	44.7	18.7	556	8.86	454	2.5	0.9	2.2	148	223.4	113.3	27.2
1045305	Drill Core	7.43	0.020	14.7	592.0	184.4	576	1.8	5.5	20.4	913	4.07	169	1.3	<0.1	2.8	475	4.3	6.6	0.5
1045306	Drill Core	6.66	0.008	18.5	463.3	21.6	53	0.8	5.0	17.5	457	3.54	50	1.5	<0.1	3.3	635	0.3	1.8	0.3
1045307	Drill Core	7.31	0.007	6.2	411.2	18.2	57	0.5	5.7	18.8	255	4.91	36	1.5	<0.1	3.3	456	0.2	0.5	0.2
1045308	Drill Core	7.95	0.010	6.6	463.8	99.3	259	1.0	6.1	20.9	547	5.91	99	1.3	<0.1	2.6	565	1.6	6.0	0.2
1045309	Rock	0.97	<0.005	0.2	1.0	0.8	1	<0.1	1.3	0.3	26	0.05	<1	1.4	<0.1	<0.1	3963	<0.1	<0.1	<0.1
1045310	Drill Core	8.05	0.010	24.0	828.3	10.8	33	0.5	6.9	27.6	256	5.00	17	1.4	<0.1	2.8	540	0.1	0.5	0.1
1045311	Drill Core	7.30	0.005	8.2	588.0	10.1	34	0.3	5.5	19.2	251	4.47	12	1.2	<0.1	3.1	503	<0.1	0.3	0.1
1045312	Drill Core	7.35	0.009	22.7	717.6	14.7	33	0.7	6.3	21.0	239	4.35	12	1.5	<0.1	3.3	483	<0.1	0.4	0.1
1045313	Drill Core	7.38	0.010	50.5	815.3	53.2	163	1.4	6.2	20.1	370	3.82	24	1.3	<0.1	3.4	368	1.1	1.0	0.1
1045314	Drill Core	3.61	0.010	128.4	786.9	135.7	180	1.4	5.5	20.3	414	3.75	27	1.2	<0.1	3.0	332	0.8	1.2	<0.1
1045315	Drill Core	5.11	0.008	82.9	724.4	173.2	510	1.3	5.7	21.1	683	3.24	29	1.4	<0.1	3.1	490	2.6	1.2	0.1
1045316	Drill Core	7.38	0.011	16.2	715.0	12.7	42	0.8	7.4	23.7	319	4.94	19	1.4	<0.1	3.8	376	0.1	0.3	0.1
1045317	Drill Core	6.42	0.007	44.2	611.5	21.7	57	0.3	7.8	20.2	190	3.74	16	1.3	<0.1	3.8	491	0.1	0.2	0.1
1045318	Drill Core	6.48	0.018	36.6	979.9	23.8	60	0.4	9.7	33.1	311	3.76	43	1.1	<0.1	3.5	333	0.2	0.7	0.2
1045319	Drill Core	7.54	0.015	14.5	668.8	217.1	840	1.0	7.8	16.5	598	3.36	47	1.0	<0.1	3.5	322	5.1	6.3	0.2
1045320	Drill Core	6.96	0.021	18.0	1005	13.4	31	0.3	8.2	20.1	161	3.57	35	1.1	<0.1	3.4	409	0.3	0.3	<0.1
1045321	Drill Core	7.33	0.008	21.6	616.4	8.6	27	0.2	8.8	20.5	203	3.58	18	1.2	<0.1	3.5	291	<0.1	0.4	0.1
1045322	Drill Core	7.23	0.008	29.5	561.9	44.2	125	0.4	8.4	16.8	408	3.58	18	1.3	<0.1	3.4	326	0.5	0.6	<0.1
1045323	Drill Core	7.20	0.024	10.4	481.8	3.4	31	0.3	7.8	16.1	570	4.44	2	1.2	<0.1	3.5	255	<0.1	0.4	0.4
1045324	Drill Core	7.80	0.014	16.8	317.9	10.3	52	0.5	8.2	16.2	524	3.82	5	1.2	<0.1	3.5	494	0.2	0.9	0.2
1045325	Drill Core	7.17	0.010	74.5	794.4	4.5	34	0.6	8.3	17.1	560	3.76	13	1.4	<0.1	3.6	329	<0.1	1.0	0.1
1045326	Drill Core	6.88	0.011	117.8	641.2	89.6	128	1.4	8.0	16.4	1370	3.20	23	1.7	<0.1	4.0	369	0.9	12.0	0.2
1045327	Drill Core	6.95	0.028	46.8	1803	14.2	67	1.1	9.0	13.1	423	2.29	3	1.5	<0.1	3.7	396	0.5	0.4	<0.1
1045328	Core Pulp	0.15	0.864	159.4	3594	50.3	127	3.8	25.5	18.2	481	4.75	58	1.2	1.2	2.4	209	0.7	8.3	0.6
1045329	Drill Core	6.92	0.022	74.3	943.5	1303	149	1.6	8.0	14.4	915	2.58	12	1.6	<0.1	3.6	436	0.9	1.5	0.3
1045330	Drill Core	6.90	0.016	106.0	1029	245.4	99	0.9	8.2	21.5	369	2.69	1	1.7	<0.1	3.8	418	0.6	0.4	<0.1



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Project: Poplar Drilling
Report Date: November 22, 2011

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045301	Drill Core	2.26	0.119	11.4	10	1.08	63	0.069	7.35	0.467	2.62	0.6	41.5	25	0.8	7.5	1.5	<0.1	1	5
1045302	Drill Core	2.35	0.124	8.0	6	0.94	150	0.073	7.57	0.545	2.48	0.7	31.8	19	0.7	6.5	1.7	0.1	1	5
1045303	Drill Core	1.81	0.122	12.2	9	0.90	74	0.076	7.27	0.168	2.84	1.2	34.4	27	1.4	6.4	1.7	0.1	1	5
1045304	Core Pulp	1.75	0.053	10.8	32	0.89	99	0.179	3.81	1.214	0.71	1.2	33.4	23	53.2	10.9	4.3	0.2	<1	8
1045305	Drill Core	3.06	0.108	9.7	10	0.90	56	0.080	6.32	0.522	2.55	0.9	36.0	23	1.2	7.8	1.6	0.1	1	5
1045306	Drill Core	2.92	0.105	12.0	5	0.84	57	0.068	7.00	0.981	2.35	1.6	39.0	27	2.0	8.3	1.3	<0.1	1	5
1045307	Drill Core	2.28	0.116	11.6	13	0.91	31	0.126	6.91	1.972	1.72	1.2	35.3	27	1.4	10.1	1.9	0.1	1	6
1045308	Drill Core	2.72	0.127	9.9	7	1.16	31	0.168	6.19	1.224	1.98	1.3	32.7	23	1.6	8.9	1.8	0.1	2	7
1045309	Rock	35.92	0.003	0.3	<1	1.78	8	0.002	0.05	0.010	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045310	Drill Core	2.65	0.127	14.6	9	1.10	52	0.218	6.82	2.827	1.38	0.4	35.9	32	1.2	11.6	2.6	0.2	1	8
1045311	Drill Core	2.67	0.147	11.3	14	1.23	61	0.276	7.13	3.040	1.31	0.2	37.1	25	1.2	12.4	3.4	0.2	1	8
1045312	Drill Core	2.59	0.126	11.0	9	0.97	33	0.162	6.69	2.617	1.70	0.3	31.5	25	0.9	10.7	2.1	0.1	1	6
1045313	Drill Core	2.39	0.122	11.5	12	0.96	38	0.122	6.56	1.737	1.91	0.8	37.0	26	0.9	9.6	1.9	0.1	1	5
1045314	Drill Core	2.76	0.118	10.5	7	1.00	33	0.116	6.23	1.552	1.98	0.5	35.0	24	1.0	8.9	1.8	0.1	<1	5
1045315	Drill Core	3.29	0.115	11.6	9	1.04	51	0.105	6.61	1.253	2.19	0.5	39.6	28	0.8	10.0	1.9	0.1	2	5
1045316	Drill Core	2.13	0.102	13.5	12	1.01	32	0.100	7.01	1.658	2.25	0.4	28.4	29	0.9	8.0	1.7	0.1	1	7
1045317	Drill Core	2.05	0.107	13.4	15	0.92	40	0.105	6.63	1.751	2.16	0.5	32.1	29	0.9	8.5	2.0	0.1	1	6
1045318	Drill Core	3.21	0.112	12.1	12	0.94	50	0.121	6.22	1.612	2.04	0.7	28.4	26	0.8	9.8	1.9	0.1	1	6
1045319	Drill Core	2.37	0.102	9.4	15	0.95	36	0.094	6.20	1.373	2.26	0.7	32.4	22	1.0	7.8	1.5	0.1	1	6
1045320	Drill Core	2.48	0.104	11.1	10	0.89	30	0.088	6.09	1.661	2.15	0.8	35.7	24	0.7	8.9	1.7	0.1	1	6
1045321	Drill Core	2.70	0.109	9.5	15	0.94	38	0.097	6.30	1.405	2.24	0.5	39.5	22	0.8	7.9	1.5	0.1	1	6
1045322	Drill Core	2.77	0.100	10.0	10	0.96	43	0.094	6.56	1.347	2.22	0.6	39.7	22	0.8	8.5	1.6	<0.1	2	6
1045323	Drill Core	2.58	0.106	11.5	17	1.00	42	0.110	6.85	1.267	2.38	1.1	40.6	26	1.1	8.4	1.7	0.1	1	7
1045324	Drill Core	2.82	0.102	12.0	12	0.93	39	0.119	6.61	1.326	2.42	0.6	37.9	28	0.7	8.8	1.6	0.1	<1	6
1045325	Drill Core	2.76	0.105	12.0	14	0.99	46	0.099	6.97	0.825	2.82	0.3	38.6	26	1.0	8.3	1.9	0.1	2	7
1045326	Drill Core	2.88	0.110	18.9	8	1.02	75	0.082	7.71	0.249	2.92	0.7	41.4	36	0.8	9.3	1.6	0.1	1	7
1045327	Drill Core	3.20	0.104	15.4	16	0.91	79	0.100	6.84	1.689	2.31	0.4	41.2	32	1.0	9.8	2.1	0.1	<1	7
1045328	Core Pulp	0.39	0.104	12.4	44	0.86	65	0.255	6.01	1.126	3.22	27.8	25.2	26	3.0	10.0	3.9	0.2	1	11
1045329	Drill Core	3.12	0.096	12.2	14	0.88	45	0.086	6.71	0.822	2.77	0.8	40.2	27	0.9	8.5	1.8	0.1	1	6
1045330	Drill Core	2.70	0.101	13.8	9	0.93	55	0.079	6.82	1.749	1.97	0.4	44.0	30	0.7	8.1	1.9	0.1	1	6



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Project: Poplar Drilling
Report Date: November 22, 2011

Page: 2 of 6 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045301	Drill Core	4.0	62.8	1.4
1045302	Drill Core	2.4	58.1	1.0
1045303	Drill Core	2.7	93.6	1.1
1045304	Core Pulp	9.7	22.2	1.0
1045305	Drill Core	3.7	61.5	1.1
1045306	Drill Core	4.0	65.8	1.2
1045307	Drill Core	4.5	56.5	1.0
1045308	Drill Core	5.2	64.7	1.0
1045309	Rock	<0.1	0.5	<0.1
1045310	Drill Core	3.8	52.0	1.2
1045311	Drill Core	2.5	43.7	1.1
1045312	Drill Core	3.8	47.3	1.0
1045313	Drill Core	3.4	50.5	1.1
1045314	Drill Core	3.5	45.3	1.1
1045315	Drill Core	2.7	51.9	1.3
1045316	Drill Core	3.5	63.7	0.9
1045317	Drill Core	2.9	57.5	1.1
1045318	Drill Core	2.7	52.7	1.0
1045319	Drill Core	2.8	55.5	0.9
1045320	Drill Core	3.3	51.9	1.1
1045321	Drill Core	3.3	57.3	1.3
1045322	Drill Core	3.3	49.6	1.3
1045323	Drill Core	3.9	73.7	1.2
1045324	Drill Core	3.6	66.4	1.3
1045325	Drill Core	3.4	81.8	1.3
1045326	Drill Core	3.2	87.8	1.1
1045327	Drill Core	2.7	56.3	1.3
1045328	Core Pulp	2.6	98.7	0.8
1045329	Drill Core	3.2	73.2	1.2
1045330	Drill Core	3.0	49.8	1.4



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Project: Poplar Drilling
Report Date: November 22, 2011

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CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045331	Drill Core	7.07	0.026	47.6	1186	5.9	17	0.7	7.4	18.4	194	2.27	2	1.4	<0.1	3.5	383	<0.1	0.1	0.1
1045332	Drill Core	7.31	0.046	32.1	2618	9.9	27	1.3	8.7	22.3	290	2.95	3	1.5	<0.1	3.7	366	<0.1	0.2	0.2
1045333	Drill Core	7.00	0.013	59.4	660.9	14.8	45	1.3	8.5	20.0	604	3.57	9	1.6	<0.1	3.6	365	0.2	2.7	0.3
1045334	Rock	1.08	<0.005	0.9	3.4	0.3	<1	<0.1	<0.1	<0.2	24	0.03	<1	1.5	<0.1	<0.1	4114	<0.1	0.2	<0.1
1045335	Drill Core	6.96	0.018	98.9	1334	38.3	86	1.7	8.7	26.8	630	3.47	26	1.7	<0.1	3.8	396	0.5	0.8	0.4
1045336	Drill Core	7.75	0.013	36.5	838.7	6.9	32	0.9	9.9	22.7	473	3.28	57	1.6	<0.1	3.7	479	<0.1	0.7	0.3
1045337	Drill Core	4.60	0.013	46.9	806.6	6.6	34	1.0	10.9	25.0	526	3.41	40	1.5	<0.1	3.8	471	<0.1	0.6	0.3
1045338	Drill Core	1.76	0.014	13.0	956.4	5.3	35	0.6	10.5	29.2	423	4.11	15	1.7	<0.1	4.2	546	<0.1	0.6	0.1
1045339	Drill Core	6.40	<0.005	21.8	1028	17.0	60	1.0	7.9	33.5	630	4.30	41	1.8	<0.1	3.9	339	0.2	7.1	0.3
1045340	Drill Core	6.91	0.015	24.3	523.1	214.4	2231	1.7	5.1	25.0	523	3.37	27	1.9	<0.1	3.5	238	12.5	20.8	0.4
1045341	Drill Core	7.13	0.014	128.0	1367	5.3	28	1.2	7.0	50.7	513	4.47	10	1.6	<0.1	2.4	434	<0.1	2.1	0.6
1045342	Drill Core	7.64	0.033	211.5	3055	8.8	37	1.7	9.3	51.6	363	4.11	6	2.4	<0.1	2.6	173	<0.1	1.0	0.2
1045343	Drill Core	8.65	0.010	55.7	874.1	7.9	54	0.4	7.0	34.6	297	3.82	4	1.9	<0.1	3.2	176	0.2	1.2	0.1
1045344	Drill Core	7.75	0.007	28.8	497.3	5.8	28	0.2	5.4	21.6	250	3.42	13	1.9	<0.1	3.7	605	<0.1	0.5	0.1
1045345	Drill Core	7.31	0.005	21.8	499.5	6.1	24	0.2	5.3	19.7	267	3.08	16	2.1	<0.1	3.6	282	<0.1	2.9	0.1
1045346	Drill Core	7.63	0.012	18.2	859.0	3.3	18	0.4	5.2	22.7	258	2.87	15	1.6	<0.1	4.4	172	<0.1	6.5	0.1
1045347	Drill Core	7.53	0.012	73.3	1153	99.7	936	1.9	5.4	36.8	525	3.92	194	2.3	<0.1	4.4	634	4.1	68.6	0.2
1045348	Drill Core	7.24	0.014	23.3	637.9	265.3	1396	16.4	5.7	24.7	626	2.83	137	2.2	<0.1	3.1	983	10.2	142.7	0.1
1045349	Drill Core	7.13	0.019	42.0	1420	1856	7888	34.2	8.5	57.3	704	4.62	246	1.8	<0.1	2.4	857	54.5	274.4	0.3
1045350	Core Pulp	0.07	0.879	23.3	5354	6667	>10000	74.5	49.9	19.2	553	9.27	478	2.3	0.9	2.5	160	233.1	117.0	28.0
1045351	Drill Core	7.22	0.008	17.3	495.4	220.9	623	1.5	5.9	24.4	556	3.65	49	1.8	<0.1	3.2	527	4.5	19.0	0.1
1045352	Drill Core	7.97	0.017	55.3	1216	113.5	726	1.8	6.7	50.7	941	4.44	98	1.9	<0.1	3.6	544	3.9	13.8	0.3
1045353	Drill Core	8.37	0.116	8.7	704.1	7.2	32	0.6	6.4	26.1	463	4.50	8	1.6	0.1	2.9	227	0.2	1.5	0.3
1045354	Rock	0.50	<0.005	1.1	19.9	2.0	7	<0.1	0.3	0.3	41	0.08	5	1.3	<0.1	0.1	4085	<0.1	0.5	<0.1
1045355	Drill Core	8.58	0.005	8.8	338.4	9.3	42	0.3	5.8	23.5	276	4.92	5	1.6	<0.1	3.0	420	<0.1	0.6	0.2
1045356	Drill Core	8.59	0.008	9.3	539.1	9.3	35	0.3	7.7	24.2	211	5.98	3	1.6	<0.1	2.7	537	<0.1	0.4	<0.1
1045357	Drill Core	8.61	<0.005	5.3	243.0	9.8	33	<0.1	6.9	23.5	227	5.70	6	2.0	<0.1	2.9	778	<0.1	0.4	0.2
1045358	Drill Core	3.05	<0.005	3.4	281.8	9.8	30	0.2	7.2	24.5	208	5.88	6	1.9	<0.1	2.9	937	<0.1	0.5	0.3
1045359	Drill Core	7.97	0.013	49.7	792.9	3.4	24	0.7	9.9	98.0	370	5.67	222	1.9	<0.1	3.4	421	<0.1	2.0	0.8
1045360	Drill Core	7.95	0.006	9.8	224.6	2.4	19	0.2	7.0	19.3	305	4.26	4	1.9	<0.1	4.1	502	<0.1	0.3	0.4



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Project: Poplar Drilling
Report Date: November 22, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045331	Drill Core	3.15	0.104	7.5	15	0.83	55	0.084	6.60	1.648	2.08	0.8	44.0	17	0.8	7.8	2.0	0.1	2	6
1045332	Drill Core	2.84	0.107	7.7	8	0.89	56	0.075	6.62	1.664	2.17	0.7	42.8	17	0.7	7.7	1.7	0.1	1	6
1045333	Drill Core	2.98	0.105	8.8	16	1.00	51	0.085	6.66	1.155	2.50	0.7	47.5	20	0.9	7.9	1.8	0.1	1	7
1045334	Rock	35.63	0.004	1.1	<1	1.96	8	0.002	0.07	0.005	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045335	Drill Core	3.54	0.101	14.7	8	0.93	45	0.075	6.88	1.262	2.45	0.8	46.8	31	0.9	9.0	1.5	0.1	1	7
1045336	Drill Core	2.96	0.103	10.3	14	0.89	47	0.079	6.85	1.460	2.26	0.5	51.3	24	1.0	8.6	1.8	0.1	<1	7
1045337	Drill Core	3.16	0.104	9.7	7	0.97	42	0.071	6.75	1.416	2.42	0.5	51.0	23	0.8	8.3	1.7	0.1	1	6
1045338	Drill Core	2.34	0.112	12.2	15	0.96	39	0.090	7.41	1.485	2.66	0.5	48.9	28	1.1	8.3	1.5	0.1	2	8
1045339	Drill Core	2.25	0.106	18.5	9	1.06	40	0.076	7.54	0.464	3.00	0.5	45.7	41	1.1	8.8	1.5	<0.1	2	7
1045340	Drill Core	2.75	0.120	16.5	6	0.80	39	0.078	7.04	0.097	2.37	1.7	54.4	37	1.2	10.7	1.7	0.1	<1	5
1045341	Drill Core	3.55	0.112	16.8	5	1.05	46	0.074	6.65	0.109	2.44	1.8	45.1	35	0.9	10.5	1.2	<0.1	2	5
1045342	Drill Core	3.55	0.125	24.0	7	1.06	48	0.099	5.94	0.909	2.44	1.2	52.9	49	1.2	13.5	1.5	<0.1	2	6
1045343	Drill Core	2.41	0.153	23.0	7	1.43	64	0.101	7.80	1.882	2.10	0.7	59.5	50	0.9	13.4	1.5	<0.1	2	8
1045344	Drill Core	2.38	0.141	18.8	12	1.16	58	0.101	7.87	3.030	1.53	0.6	58.0	42	0.9	12.5	1.9	0.1	2	7
1045345	Drill Core	3.13	0.134	14.5	6	0.99	103	0.084	7.81	0.792	1.58	0.6	64.5	35	0.8	11.6	1.8	0.1	1	6
1045346	Drill Core	2.75	0.101	11.9	6	0.81	72	0.065	7.23	0.645	1.83	0.6	40.8	28	0.9	8.6	2.2	0.1	2	5
1045347	Drill Core	2.27	0.097	28.1	5	1.04	42	0.063	7.44	0.120	2.37	0.8	42.9	63	1.0	10.3	1.5	0.1	2	5
1045348	Drill Core	2.09	0.106	16.8	7	0.96	56	0.066	6.85	0.105	2.22	1.2	49.3	38	0.8	9.3	1.7	<0.1	2	5
1045349	Drill Core	1.93	0.101	12.7	5	0.95	75	0.061	6.36	0.090	2.19	1.4	42.3	28	0.9	8.5	1.2	<0.1	1	6
1045350	Core Pulp	1.80	0.051	11.2	32	0.91	66	0.184	3.90	1.254	0.73	1.0	31.4	25	54.4	11.2	4.4	0.2	<1	8
1045351	Drill Core	2.70	0.122	12.2	6	0.95	68	0.079	7.71	0.158	2.53	0.7	52.7	27	0.8	8.6	1.3	0.1	1	7
1045352	Drill Core	2.99	0.120	15.2	7	1.00	45	0.086	7.90	0.081	2.52	1.4	47.4	32	1.1	9.5	1.6	<0.1	1	6
1045353	Drill Core	2.78	0.135	11.3	7	1.09	32	0.091	6.87	0.995	2.19	0.8	51.7	27	1.2	11.1	1.3	<0.1	1	8
1045354	Rock	36.08	0.005	0.8	1	2.21	15	0.002	0.27	0.003	0.04	<0.1	1.2	1	<0.1	0.5	0.2	<0.1	<1	<1
1045355	Drill Core	2.41	0.138	12.7	8	1.15	33	0.160	7.42	2.530	1.50	0.5	52.1	29	1.5	12.3	1.2	<0.1	1	10
1045356	Drill Core	2.27	0.141	10.2	13	1.24	20	0.105	7.60	2.596	1.79	0.6	53.3	25	1.1	11.8	1.3	0.1	1	10
1045357	Drill Core	2.47	0.156	13.4	7	1.26	20	0.088	9.06	2.268	1.74	0.6	59.2	32	1.0	13.7	1.2	<0.1	2	11
1045358	Drill Core	2.20	0.151	11.7	9	1.24	22	0.089	7.97	2.273	1.78	0.7	56.1	29	1.0	13.6	1.2	<0.1	1	10
1045359	Drill Core	2.03	0.105	19.6	6	0.95	27	0.070	6.83	0.917	2.60	2.8	44.8	42	1.9	8.5	1.3	0.1	2	6
1045360	Drill Core	2.06	0.105	12.8	12	0.91	38	0.075	7.19	1.755	1.96	0.9	50.4	28	1.0	7.9	1.5	0.1	1	7



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045331	Drill Core	3.5	38.8	1.3
1045332	Drill Core	3.8	53.0	1.3
1045333	Drill Core	3.5	59.3	1.5
1045334	Rock	<0.1	0.4	<0.1
1045335	Drill Core	4.3	64.4	1.5
1045336	Drill Core	3.8	60.5	1.7
1045337	Drill Core	4.0	57.5	1.6
1045338	Drill Core	3.6	73.5	1.6
1045339	Drill Core	3.6	83.4	1.5
1045340	Drill Core	2.9	54.0	1.7
1045341	Drill Core	3.9	54.4	1.3
1045342	Drill Core	3.6	58.6	1.3
1045343	Drill Core	2.9	54.7	1.8
1045344	Drill Core	3.1	44.0	1.8
1045345	Drill Core	2.3	30.6	2.0
1045346	Drill Core	2.4	40.1	1.3
1045347	Drill Core	3.4	74.7	1.4
1045348	Drill Core	2.4	68.0	1.6
1045349	Drill Core	4.7	69.8	1.2
1045350	Core Pulp	>10	22.4	1.2
1045351	Drill Core	3.0	51.4	1.6
1045352	Drill Core	4.1	76.0	1.4
1045353	Drill Core	4.0	62.3	1.6
1045354	Rock	<0.1	1.7	<0.1
1045355	Drill Core	4.3	49.8	1.4
1045356	Drill Core	6.5	54.9	1.4
1045357	Drill Core	5.7	47.4	1.7
1045358	Drill Core	6.0	46.5	1.7
1045359	Drill Core	5.4	60.7	1.3
1045360	Drill Core	4.0	53.1	1.5



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045361	Drill Core	8.20	<0.005	6.7	172.3	4.4	24	0.2	7.4	11.3	340	4.77	2	1.9	<0.1	3.9	365	0.1	0.3	0.4
1045362	Drill Core	7.82	<0.005	6.5	311.8	22.3	80	1.8	7.8	16.3	847	4.20	13	1.4	<0.1	3.1	522	0.6	21.3	0.2
1045363	Drill Core	7.92	<0.005	7.7	251.1	3.9	19	0.3	6.3	14.0	241	3.76	2	1.7	<0.1	4.0	336	<0.1	0.4	0.1
1045364	Drill Core	7.72	<0.005	15.8	217.2	6.6	20	0.3	7.2	25.7	257	4.89	1	1.6	<0.1	3.4	342	<0.1	0.3	0.4
1045365	Drill Core	8.66	<0.005	4.3	399.2	8.7	32	0.3	5.6	20.6	212	4.82	2	1.9	<0.1	2.9	424	<0.1	0.4	0.2
1045366	Core Pulp	0.07	0.737	22.0	5031	5732	>10000	67.2	46.2	19.7	507	8.83	447	2.2	0.8	2.2	154	222.8	109.9	27.6
1045367	Drill Core	8.37	0.008	11.5	592.9	16.1	62	0.4	6.8	29.0	264	7.01	1	2.2	<0.1	2.9	482	0.2	0.6	0.3
1045368	Drill Core	8.18	0.011	4.9	434.6	13.1	52	0.4	5.5	15.1	280	5.33	2	1.7	<0.1	2.9	523	0.1	0.6	0.3
1045369	Drill Core	8.46	0.103	6.8	973.2	15.2	54	0.8	6.8	24.7	435	5.82	3	1.9	<0.1	3.0	355	0.1	0.6	0.7
1045370	Drill Core	7.93	0.007	5.8	431.8	8.3	39	0.4	5.4	18.9	301	5.08	41	1.5	<0.1	2.9	432	<0.1	0.7	0.4
1045371	Drill Core	8.05	0.007	17.2	589.5	5.9	32	0.5	5.9	20.2	263	4.43	27	1.6	<0.1	3.3	472	<0.1	0.3	0.5
1045372	Drill Core	4.09	0.005	6.2	412.1	5.8	33	0.3	6.2	15.2	240	4.09	148	1.5	<0.1	3.8	291	<0.1	5.9	0.3
1045373	Drill Core	8.86	0.007	14.7	431.0	6.2	26	0.3	6.0	22.4	228	4.36	25	1.7	<0.1	3.8	367	<0.1	0.3	0.3
1045374	Rock	0.37	<0.005	0.3	4.1	0.3	<1	<0.1	<0.1	<0.2	34	<0.01	3	1.5	<0.1	0.8	4856	<0.1	0.1	<0.1
1045375	Drill Core	8.61	0.006	23.1	450.0	22.7	119	0.7	6.0	23.6	517	3.64	16	1.8	<0.1	4.2	384	0.6	0.9	0.4
1045376	Drill Core	7.86	0.009	31.7	697.1	6.9	24	0.8	5.0	23.8	310	3.32	5	1.8	<0.1	3.7	315	<0.1	0.5	0.4
1045377	Drill Core	7.24	0.010	46.4	554.1	8.1	27	0.6	6.7	23.8	287	4.15	15	1.9	<0.1	4.1	264	<0.1	0.7	0.5
1045378	Drill Core	3.99	0.008	10.9	492.7	5.5	22	0.5	6.1	20.9	258	4.19	10	1.7	<0.1	3.8	232	<0.1	0.5	0.4
1045379	Drill Core	7.63	0.008	7.5	296.3	10.3	34	0.5	5.3	14.6	281	4.20	21	1.8	<0.1	3.6	299	0.1	0.5	0.4
1045380	Drill Core	6.59	<0.005	12.6	261.5	6.5	28	0.3	5.3	14.7	215	3.68	66	1.5	<0.1	3.3	462	0.2	1.0	0.3
1045381	Drill Core	7.26	0.006	8.8	215.6	4.5	24	0.2	6.3	10.8	213	2.72	15	1.5	<0.1	3.5	417	<0.1	0.2	0.3
1045382	Drill Core	8.45	<0.005	9.5	98.4	7.2	28	0.2	5.9	14.9	181	2.63	9	1.7	<0.1	3.5	499	<0.1	0.1	0.1
1045383	Core Pulp	0.10	0.894	164.4	3531	53.3	127	3.4	28.0	19.8	498	4.86	66	1.2	1.3	2.7	225	0.6	7.9	0.7
1045384	Drill Core	7.56	<0.005	16.6	332.2	16.4	44	0.7	6.9	29.0	266	4.36	48	1.8	<0.1	3.3	561	0.1	4.6	0.2
1045385	Drill Core	8.72	0.008	7.3	306.7	8.2	29	0.2	6.3	16.2	199	3.32	2	1.8	<0.1	3.2	488	0.1	0.3	0.1
1045386	Drill Core	8.73	0.017	34.7	675.1	8.6	35	0.4	5.7	25.9	246	4.36	2	1.5	<0.1	2.9	612	<0.1	0.3	0.1
1045387	Drill Core	8.52	0.015	6.5	537.6	82.5	170	0.7	5.6	23.3	436	4.92	4	1.5	<0.1	2.8	507	0.9	0.7	0.2
1045388	Rock	0.44	<0.005	0.1	1.9	<0.1	<1	<0.1	0.9	<0.2	25	<0.01	<1	1.4	<0.1	0.1	4872	<0.1	<0.1	<0.1
1045389	Drill Core	8.75	0.007	8.5	423.5	11.1	40	0.4	5.3	24.4	273	4.70	5	1.9	<0.1	3.3	675	0.1	0.5	0.2
1045390	Drill Core	8.60	0.012	24.9	670.3	12.7	40	0.6	7.7	21.2	236	4.55	17	2.0	<0.1	3.6	834	<0.1	1.2	0.2



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Project: Poplar Drilling
Report Date: November 22, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045361	Drill Core	1.93	0.111	13.2	9	0.99	30	0.081	7.02	2.269	1.93	0.6	47.0	31	0.9	9.1	1.4	<0.1	<1	7
1045362	Drill Core	2.93	0.099	10.5	11	1.25	28	0.074	6.14	1.506	2.25	0.7	44.3	26	0.8	8.5	1.4	0.1	<1	7
1045363	Drill Core	2.15	0.108	13.4	8	0.82	32	0.058	6.88	2.152	1.93	0.5	46.9	31	0.9	8.1	1.2	<0.1	1	7
1045364	Drill Core	2.34	0.110	15.3	10	0.88	21	0.061	6.93	2.380	1.92	0.6	48.2	34	0.9	10.6	1.3	<0.1	<1	6
1045365	Drill Core	2.27	0.124	12.4	6	0.85	18	0.081	7.57	2.724	1.87	0.4	57.3	31	0.9	11.5	1.3	0.1	2	6
1045366	Core Pulp	1.71	0.048	9.8	27	0.87	60	0.175	3.71	1.201	0.69	1.2	31.6	23	52.4	10.8	4.4	0.2	<1	8
1045367	Drill Core	2.32	0.117	11.2	6	0.89	16	0.107	6.63	2.589	1.58	0.5	44.1	27	1.2	9.9	1.7	<0.1	2	6
1045368	Drill Core	2.34	0.125	11.2	13	0.95	20	0.152	6.86	2.933	1.42	0.4	44.6	28	1.3	10.3	1.7	0.1	1	6
1045369	Drill Core	2.23	0.137	15.8	6	1.18	45	0.144	6.99	2.620	1.79	0.8	45.0	33	1.5	12.1	1.1	0.1	1	9
1045370	Drill Core	2.44	0.144	9.2	10	1.08	53	0.141	7.22	2.617	1.46	0.4	50.1	21	1.2	10.3	1.2	<0.1	2	9
1045371	Drill Core	2.45	0.136	12.9	7	0.94	48	0.087	7.56	2.449	1.83	0.6	47.9	27	0.9	10.0	1.1	<0.1	1	7
1045372	Drill Core	2.01	0.126	11.3	8	0.96	43	0.053	7.24	1.830	1.90	0.5	37.3	24	0.7	8.2	1.1	<0.1	2	6
1045373	Drill Core	2.07	0.130	7.6	6	0.77	36	0.053	7.93	2.601	1.62	0.5	39.6	18	0.8	8.1	1.1	<0.1	1	6
1045374	Rock	36.87	0.004	1.0	<1	1.85	20	0.003	0.26	0.012	0.02	<0.1	1.8	2	<0.1	0.7	0.1	<0.1	<1	<1
1045375	Drill Core	2.34	0.136	10.3	6	0.91	61	0.052	9.07	2.140	2.44	0.6	42.1	23	0.6	8.4	0.9	<0.1	<1	6
1045376	Drill Core	2.10	0.122	11.0	8	0.74	114	0.052	7.32	2.814	2.06	0.6	45.0	24	0.6	9.9	1.0	<0.1	1	5
1045377	Drill Core	2.01	0.136	14.5	6	0.75	71	0.051	8.84	2.681	1.79	0.6	42.8	32	0.6	8.8	1.0	<0.1	1	6
1045378	Drill Core	1.81	0.121	14.5	7	0.77	39	0.044	7.31	2.668	1.64	0.5	39.6	33	0.6	8.5	0.8	<0.1	1	5
1045379	Drill Core	2.35	0.131	6.5	6	0.92	49	0.052	7.16	2.614	1.58	0.6	43.2	15	0.7	8.6	0.9	<0.1	1	6
1045380	Drill Core	2.80	0.123	7.2	8	0.90	58	0.055	6.96	1.734	1.22	0.3	35.6	17	0.5	8.3	1.1	<0.1	1	5
1045381	Drill Core	2.28	0.134	5.0	7	0.86	100	0.061	7.36	2.568	1.48	0.4	44.7	12	0.6	9.1	1.1	<0.1	1	6
1045382	Drill Core	2.48	0.132	7.5	12	0.89	63	0.073	7.18	3.381	1.15	0.3	41.4	16	0.6	9.9	1.2	<0.1	1	6
1045383	Core Pulp	0.41	0.108	15.4	46	0.82	258	0.237	6.37	1.168	2.56	26.5	22.2	29	3.0	10.5	3.2	0.2	1	12
1045384	Drill Core	2.41	0.117	9.3	13	0.84	40	0.068	6.95	2.356	1.73	0.4	41.6	22	0.6	8.6	1.2	<0.1	2	6
1045385	Drill Core	2.62	0.132	16.4	7	0.95	51	0.083	7.28	2.984	1.57	0.3	48.2	36	0.7	9.9	1.1	<0.1	1	7
1045386	Drill Core	3.01	0.131	16.1	12	1.05	38	0.182	6.83	3.088	1.41	0.3	47.5	34	1.4	12.0	1.4	0.1	1	8
1045387	Drill Core	2.55	0.135	10.7	8	1.02	42	0.143	6.91	2.420	1.89	0.3	44.1	25	1.1	9.8	1.2	<0.1	1	8
1045388	Rock	36.18	0.004	0.5	<1	1.92	9	0.001	0.08	0.008	<0.01	<0.1	0.6	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045389	Drill Core	2.49	0.136	11.1	8	0.92	31	0.101	7.49	2.442	2.13	0.4	49.9	25	1.0	10.1	1.3	<0.1	2	7
1045390	Drill Core	2.19	0.120	11.2	13	0.93	30	0.097	7.14	2.340	1.99	0.4	50.3	26	0.9	8.2	1.3	0.1	1	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045361	Drill Core	4.4	54.3	1.3
1045362	Drill Core	4.0	54.3	1.3
1045363	Drill Core	4.0	49.8	1.3
1045364	Drill Core	5.8	48.8	1.4
1045365	Drill Core	5.3	50.2	1.7
1045366	Core Pulp	9.7	21.0	0.9
1045367	Drill Core	7.8	47.2	1.4
1045368	Drill Core	5.2	48.4	1.4
1045369	Drill Core	4.6	68.1	1.3
1045370	Drill Core	4.2	45.3	1.4
1045371	Drill Core	3.9	54.5	1.4
1045372	Drill Core	3.6	54.7	1.3
1045373	Drill Core	4.0	48.4	1.3
1045374	Rock	<0.1	0.7	<0.1
1045375	Drill Core	3.1	82.1	1.4
1045376	Drill Core	3.1	56.4	1.6
1045377	Drill Core	3.9	55.1	1.4
1045378	Drill Core	4.1	51.8	1.3
1045379	Drill Core	4.1	45.7	1.4
1045380	Drill Core	3.7	30.7	1.2
1045381	Drill Core	2.7	42.5	1.5
1045382	Drill Core	2.9	34.6	1.3
1045383	Core Pulp	2.5	80.6	0.7
1045384	Drill Core	4.6	52.3	1.3
1045385	Drill Core	3.5	48.7	1.6
1045386	Drill Core	4.1	46.5	1.4
1045387	Drill Core	4.1	64.8	1.3
1045388	Rock	<0.1	0.2	<0.1
1045389	Drill Core	4.2	66.6	1.5
1045390	Drill Core	4.3	65.0	1.6



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1045391	Drill Core	8.27	0.006	3.4	216.5	7.7	31	0.2	8.6	12.7	212	3.68	6	1.5	<0.1	3.7	521	<0.1	0.5	0.2	72
1045392	Drill Core	7.30	0.007	5.3	324.4	9.1	32	0.3	8.9	15.3	175	3.78	5	1.6	<0.1	4.0	642	<0.1	0.2	0.2	64
1045393	Drill Core	4.02	0.006	4.3	311.4	7.2	29	0.3	9.5	13.0	172	3.65	2	1.7	<0.1	4.2	571	0.1	0.2	0.2	63
1045394	Drill Core	8.74	0.005	5.0	223.0	8.3	30	0.3	10.9	16.6	199	3.63	4	1.6	<0.1	4.1	827	0.1	0.3	0.1	62
1045395	Drill Core	8.48	<0.005	8.2	209.8	7.6	27	0.2	8.4	14.9	197	3.15	9	1.8	<0.1	3.9	413	<0.1	0.9	0.1	59
1045396	Drill Core	8.04	0.008	4.4	464.5	8.0	24	0.2	9.1	15.1	165	3.31	7	1.9	<0.1	4.0	441	0.1	0.3	0.2	53
1045397	Drill Core	7.97	<0.005	8.3	227.0	24.9	65	0.4	8.8	13.7	366	3.73	27	2.2	<0.1	3.9	489	0.3	3.8	0.2	66
1045398	Drill Core	8.32	0.005	9.1	247.1	7.5	28	0.3	7.3	15.2	171	3.55	6	1.7	<0.1	3.8	528	0.1	0.3	0.2	64
1045399	Drill Core	8.22	<0.005	4.5	131.9	6.8	24	0.1	8.4	23.1	148	4.38	3	1.9	<0.1	4.0	451	<0.1	0.2	0.2	61
1045400	Drill Core	3.71	<0.005	2.1	59.6	6.9	28	<0.1	7.6	11.1	138	4.05	1	1.7	<0.1	3.7	624	<0.1	0.2	0.1	66
1045401	Drill Core	3.48	<0.005	0.4	13.1	26.4	107	0.5	0.4	0.4	343	0.56	7	5.0	<0.1	17.3	276	0.5	2.8	0.1	4
1045402	Drill Core	10.66	0.025	0.4	6.1	25.2	119	0.4	0.4	0.4	468	0.65	8	13.2	<0.1	16.9	195	0.4	2.0	0.2	4
1045403	Drill Core	11.07	<0.005	0.2	2.2	29.1	99	0.1	0.4	0.4	378	0.61	3	5.6	<0.1	16.8	234	0.2	2.2	<0.1	3
1045404	Drill Core	11.08	<0.005	0.5	4.1	25.0	100	<0.1	0.6	0.5	313	0.67	9	3.3	<0.1	14.4	249	0.3	2.4	0.1	4
1045405	Core Pulp	0.07	0.910	23.2	5425	6565	>10000	69.6	50.7	21.2	556	9.10	350	2.4	0.9	2.2	160	226.6	106.9	26.3	77
1045406	Drill Core	10.73	<0.005	0.4	7.5	31.0	147	0.2	0.7	0.5	339	0.54	9	5.3	<0.1	14.4	228	0.3	1.7	0.1	3
1045407	Drill Core	9.79	<0.005	0.3	5.6	24.8	116	0.1	0.4	0.4	453	0.63	7	6.2	<0.1	14.3	235	0.2	1.0	<0.1	3
1045408	Drill Core	8.27	<0.005	0.5	1.7	28.1	110	<0.1	0.3	0.6	382	0.52	6	4.2	<0.1	15.1	244	0.3	0.9	0.3	2
1045409	Drill Core	9.05	<0.005	0.5	1.1	30.1	115	<0.1	0.2	0.6	369	0.47	11	3.5	<0.1	14.2	235	0.2	0.8	0.2	3
1045410	Rock	0.68	0.007	0.3	1.8	<0.1	<1	<0.1	<0.1	<0.2	29	0.02	<1	1.3	<0.1	<0.1	4384	<0.1	<0.1	<0.1	1
1045411	Drill Core	8.42	<0.005	0.3	1.8	31.5	122	<0.1	0.6	0.4	431	0.47	10	3.5	<0.1	15.9	252	0.3	0.9	0.2	2
1045412	Drill Core	10.35	<0.005	0.2	2.6	28.3	119	<0.1	0.4	0.6	425	0.57	8	4.4	<0.1	14.1	225	0.4	0.6	0.2	4
1045413	Drill Core	9.58	<0.005	0.3	12.3	31.3	121	0.2	0.3	0.6	438	0.55	10	48.0	<0.1	13.9	234	0.4	1.1	0.2	3
1045414	Drill Core	5.85	<0.005	0.2	8.4	30.7	116	0.2	0.5	0.8	411	0.56	6	17.6	<0.1	13.6	222	0.3	1.0	0.2	3
1045415	Drill Core	10.43	<0.005	0.7	13.4	31.8	121	0.7	0.2	0.8	452	0.57	8	12.1	<0.1	13.5	216	0.5	0.9	0.2	3
1045416	Drill Core	10.62	<0.005	2.5	19.2	48.8	84	0.8	0.6	0.5	282	0.43	13	10.7	<0.1	9.4	161	0.3	1.1	<0.1	3
1045417	Drill Core	9.57	0.023	85.9	766.3	154.5	306	4.1	18.1	4.8	851	1.01	280	9.0	<0.1	10.7	341	2.6	16.8	4.4	34
1045418	Drill Core	10.08	<0.005	1.8	21.4	73.1	116	0.5	3.9	0.7	450	0.69	13	9.4	<0.1	14.6	151	0.5	7.0	0.8	5
1045419	Drill Core	11.07	0.070	186.8	3215	50.7	180	2.8	61.9	18.5	533	2.33	260	1.9	<0.1	5.5	528	1.4	19.5	0.4	99
1045420	Drill Core	6.75	0.081	306.2	2900	13.8	51	2.8	73.7	14.4	416	2.28	49	1.7	<0.1	6.1	467	0.3	4.9	0.1	117



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045391	Drill Core	2.23	0.106	11.0	13	0.99	29	0.090	6.82	1.941	1.92	0.3	41.4	24	0.7	7.7	1.0	<0.1	<1	7
1045392	Drill Core	2.39	0.103	13.3	13	0.91	29	0.071	7.05	2.096	1.93	0.4	42.2	28	0.7	8.2	1.1	<0.1	1	7
1045393	Drill Core	2.32	0.106	13.9	9	0.91	29	0.067	6.87	2.042	1.99	0.3	42.1	29	0.6	8.1	1.0	<0.1	<1	7
1045394	Drill Core	2.39	0.112	11.5	14	1.04	30	0.070	8.57	1.922	1.96	0.4	42.5	26	0.7	7.2	1.1	<0.1	1	8
1045395	Drill Core	2.20	0.106	12.8	9	0.99	42	0.059	6.63	1.795	1.93	0.3	34.3	28	0.5	7.0	1.0	<0.1	<1	7
1045396	Drill Core	2.26	0.104	11.4	11	0.90	36	0.051	6.76	1.746	1.85	0.3	34.7	24	0.5	7.5	0.9	<0.1	1	6
1045397	Drill Core	2.26	0.112	10.3	9	1.13	34	0.068	7.15	0.966	2.42	0.4	40.7	22	0.7	7.8	0.9	<0.1	1	7
1045398	Drill Core	2.48	0.100	11.9	13	1.02	34	0.067	6.93	1.881	1.97	0.6	39.6	25	0.9	8.1	1.0	<0.1	1	7
1045399	Drill Core	2.24	0.111	11.5	8	0.99	23	0.066	6.90	1.778	2.21	0.7	38.7	24	1.0	8.1	1.2	<0.1	2	7
1045400	Drill Core	2.42	0.116	10.4	11	0.97	22	0.090	6.90	2.286	1.63	0.5	43.4	24	0.9	8.7	1.5	0.1	1	7
1045401	Drill Core	0.62	0.016	11.6	<1	0.30	149	0.037	6.01	0.022	1.92	1.8	42.7	22	0.7	6.6	12.5	1.3	1	<1
1045402	Drill Core	0.83	0.012	10.6	1	0.39	268	0.036	5.96	0.023	2.20	1.4	45.2	20	0.6	7.5	12.3	1.3	2	1
1045403	Drill Core	0.66	0.015	11.0	<1	0.33	139	0.034	5.86	0.020	2.13	1.7	46.5	20	0.6	7.2	12.7	1.2	2	1
1045404	Drill Core	0.72	0.016	10.3	11	0.34	139	0.043	6.26	0.024	2.38	1.9	47.8	19	0.6	7.1	13.6	1.1	1	<1
1045405	Core Pulp	1.84	0.053	12.1	39	0.89	371	0.201	3.84	1.278	0.73	1.5	38.9	25	49.2	12.3	4.5	0.2	<1	8
1045406	Drill Core	1.09	0.015	9.5	10	0.24	167	0.041	6.45	0.031	3.25	1.5	46.1	18	0.5	7.3	13.3	1.2	2	1
1045407	Drill Core	1.68	0.014	8.8	11	0.26	186	0.041	6.61	0.034	3.66	1.2	45.2	17	0.5	7.2	12.6	1.2	1	<1
1045408	Drill Core	1.35	0.014	9.0	1	0.22	159	0.038	6.21	0.035	3.29	1.7	49.3	17	0.7	7.5	14.2	1.4	2	1
1045409	Drill Core	1.29	0.014	7.7	<1	0.20	131	0.036	6.31	0.038	3.32	1.6	50.5	17	0.5	7.4	13.9	1.4	2	<1
1045410	Rock	38.56	0.005	0.4	<1	1.66	5	<0.001	0.04	0.003	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045411	Drill Core	1.42	0.014	8.6	<1	0.19	157	0.038	6.49	0.034	3.39	1.6	53.9	18	0.7	7.9	15.0	1.5	2	<1
1045412	Drill Core	1.49	0.014	8.2	12	0.20	161	0.042	6.58	0.032	3.50	1.2	49.0	17	0.5	7.2	13.6	1.3	3	<1
1045413	Drill Core	1.52	0.014	8.6	11	0.24	156	0.040	6.41	0.034	3.53	1.4	47.7	17	0.6	7.5	13.4	1.1	3	<1
1045414	Drill Core	1.44	0.014	8.3	10	0.22	149	0.040	6.52	0.034	3.43	1.2	46.9	17	0.6	7.4	13.5	1.2	2	<1
1045415	Drill Core	1.56	0.015	8.4	11	0.27	182	0.040	6.34	0.034	3.41	1.2	45.3	16	0.5	7.2	12.7	1.3	3	<1
1045416	Drill Core	1.08	0.013	4.6	6	0.19	147	0.034	5.07	0.027	2.76	1.1	37.1	10	0.7	4.8	10.6	1.0	2	<1
1045417	Drill Core	2.03	0.025	15.1	29	0.63	398	0.081	6.40	0.049	3.29	2.3	40.1	29	0.9	8.5	9.3	0.9	2	5
1045418	Drill Core	1.10	0.016	9.4	12	0.42	326	0.044	6.50	0.037	2.86	1.7	45.7	18	0.6	7.4	12.9	1.2	2	2
1045419	Drill Core	2.44	0.056	23.4	86	1.11	526	0.169	7.47	0.186	3.84	1.1	32.7	44	1.3	7.9	2.4	0.1	3	13
1045420	Drill Core	1.98	0.057	25.2	86	1.05	939	0.235	7.59	0.232	2.42	3.8	31.5	50	1.3	8.1	2.6	0.2	2	14



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045391	Drill Core	3.4	60.9	1.5
1045392	Drill Core	4.0	59.7	1.4
1045393	Drill Core	3.8	60.4	1.3
1045394	Drill Core	3.5	54.4	1.4
1045395	Drill Core	3.3	54.1	1.1
1045396	Drill Core	3.7	53.6	1.1
1045397	Drill Core	3.6	66.9	1.3
1045398	Drill Core	4.1	59.6	1.2
1045399	Drill Core	4.8	66.1	1.1
1045400	Drill Core	4.4	51.6	1.3
1045401	Drill Core	<0.1	94.5	2.5
1045402	Drill Core	<0.1	100.9	2.4
1045403	Drill Core	<0.1	101.3	2.4
1045404	Drill Core	<0.1	106.6	2.3
1045405	Core Pulp	9.8	21.8	1.0
1045406	Drill Core	<0.1	136.0	2.3
1045407	Drill Core	<0.1	143.8	2.5
1045408	Drill Core	<0.1	145.8	2.7
1045409	Drill Core	<0.1	134.9	2.8
1045410	Rock	<0.1	0.5	<0.1
1045411	Drill Core	<0.1	137.3	2.8
1045412	Drill Core	<0.1	137.4	2.8
1045413	Drill Core	<0.1	137.2	2.4
1045414	Drill Core	<0.1	137.3	2.4
1045415	Drill Core	<0.1	129.8	2.4
1045416	Drill Core	<0.1	94.9	1.7
1045417	Drill Core	0.1	124.6	2.0
1045418	Drill Core	<0.1	109.5	2.2
1045419	Drill Core	1.2	88.1	0.8
1045420	Drill Core	0.9	59.9	0.9



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CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045421	Drill Core	5.88	0.059	176.9	2550	41.1	134	2.1	63.7	19.1	449	2.56	22	1.1	<0.1	5.1	533	1.5	1.5	0.2
1045422	Drill Core	5.46	0.053	267.3	2500	62.4	217	2.2	52.1	14.9	683	1.97	66	1.2	<0.1	5.7	584	1.5	21.1	0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045421	Drill Core	1.69	0.054	19.0	79	1.07	223	0.163	7.23	1.044	3.52	0.5	30.2	36	0.9	7.0	1.9	0.1	2	12
1045422	Drill Core	2.44	0.047	27.5	71	1.27	557	0.137	7.08	0.104	2.83	0.8	30.5	50	0.8	7.1	1.4	0.1	2	12



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CERTIFICATE OF ANALYSIS

SMI11000502.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045421	Drill Core	1.3	84.6	0.8
1045422	Drill Core	1.0	73.0	0.9



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QUALITY CONTROL REPORT

SMI11000502.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045308	Drill Core	7.95	0.010	6.6	463.8	99.3	259	1.0	6.1	20.9	547	5.91	99	1.3	<0.1	2.6	565	1.6	6.0	0.2	74
REP 1045308	QC			7.5	465.4	101.9	249	0.8	6.9	20.3	571	5.91	99	1.3	<0.1	2.9	604	1.5	5.9	0.2	74
1045311	Drill Core	7.30	0.005	8.2	588.0	10.1	34	0.3	5.5	19.2	251	4.47	12	1.2	<0.1	3.1	503	<0.1	0.3	0.1	97
REP 1045311	QC		0.005																		
1045343	Drill Core	8.65	0.010	55.7	874.1	7.9	54	0.4	7.0	34.6	297	3.82	4	1.9	<0.1	3.2	176	0.2	1.2	0.1	80
REP 1045343	QC			47.3	867.4	7.3	51	0.4	6.4	35.4	290	3.78	4	1.8	<0.1	2.8	169	0.2	1.1	<0.1	81
1045349	Drill Core	7.13	0.019	42.0	1420	1856	7888	34.2	8.5	57.3	704	4.62	246	1.8	<0.1	2.4	857	54.5	274.4	0.3	55
REP 1045349	QC		0.028																		
1045379	Drill Core	7.63	0.008	7.5	296.3	10.3	34	0.5	5.3	14.6	281	4.20	21	1.8	<0.1	3.6	299	0.1	0.5	0.4	51
REP 1045379	QC		0.008																		
1045387	Drill Core	8.52	0.015	6.5	537.6	82.5	170	0.7	5.6	23.3	436	4.92	4	1.5	<0.1	2.8	507	0.9	0.7	0.2	87
REP 1045387	QC			6.4	520.2	81.2	163	0.8	5.8	22.8	436	4.78	4	1.3	<0.1	2.8	503	0.8	0.7	0.2	86
1045398	Drill Core	8.32	0.005	9.1	247.1	7.5	28	0.3	7.3	15.2	171	3.55	6	1.7	<0.1	3.8	528	0.1	0.3	0.2	64
REP 1045398	QC		0.016																		
1045407	Drill Core	9.79	<0.005	0.3	5.6	24.8	116	0.1	0.4	0.4	453	0.63	7	6.2	<0.1	14.3	235	0.2	1.0	<0.1	3
REP 1045407	QC			0.3	5.4	24.7	121	0.2	0.5	0.5	456	0.62	9	6.3	<0.1	13.9	223	0.3	1.0	<0.1	3
1045408	Drill Core	8.27	<0.005	0.5	1.7	28.1	110	<0.1	0.3	0.6	382	0.52	6	4.2	<0.1	15.1	244	0.3	0.9	0.3	2
REP 1045408	QC			0.4	1.6	28.0	108	<0.1	0.1	0.5	395	0.49	6	3.8	<0.1	14.3	238	0.2	0.8	0.3	3
Core Reject Duplicates																					
1045320	Drill Core	6.96	0.021	18.0	1005	13.4	31	0.3	8.2	20.1	161	3.57	35	1.1	<0.1	3.4	409	0.3	0.3	<0.1	61
DUP 1045320	QC		0.018	16.6	991.3	11.9	32	0.3	8.9	20.4	165	3.60	35	1.2	<0.1	3.4	388	0.2	0.3	0.1	61
1045355	Drill Core	8.58	0.005	8.8	338.4	9.3	42	0.3	5.8	23.5	276	4.92	5	1.6	<0.1	3.0	420	<0.1	0.6	0.2	106
DUP 1045355	QC		<0.005	8.1	336.5	10.1	43	0.2	6.6	25.0	304	5.07	4	1.7	<0.1	3.2	477	0.1	0.7	0.1	111
1045390	Drill Core	8.60	0.012	24.9	670.3	12.7	40	0.6	7.7	21.2	236	4.55	17	2.0	<0.1	3.6	834	<0.1	1.2	0.2	64
DUP 1045390	QC		0.012	26.4	684.0	13.2	40	0.7	8.0	21.7	229	4.53	17	1.9	<0.1	3.7	807	0.2	1.0	0.2	64
Reference Materials																					
STD OREAS24P	Standard			1.3	51.4	2.3	111	<0.1	147.2	45.6	1106	7.27	<1	0.6	<0.1	2.4	349	<0.1	0.2	<0.1	161
STD OREAS24P	Standard			1.3	45.8	2.8	113	<0.1	143.1	45.2	1116	7.03	<1	0.6	<0.1	2.9	388	<0.1	0.1	0.1	155



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045308	Drill Core	2.72	0.127	9.9	7	1.16	31	0.168	6.19	1.224	1.98	1.3	32.7	23	1.6	8.9	1.8	0.1	2	7
REP 1045308	QC	2.85	0.119	10.8	7	1.16	27	0.163	6.49	1.162	2.02	1.3	32.3	25	1.6	9.7	1.7	0.1	1	8
1045311	Drill Core	2.67	0.147	11.3	14	1.23	61	0.276	7.13	3.040	1.31	0.2	37.1	25	1.2	12.4	3.4	0.2	1	8
REP 1045311	QC																			
1045343	Drill Core	2.41	0.153	23.0	7	1.43	64	0.101	7.80	1.882	2.10	0.7	59.5	50	0.9	13.4	1.5	<0.1	2	8
REP 1045343	QC	2.31	0.151	19.5	7	1.42	60	0.100	7.68	1.859	1.96	0.6	58.1	44	0.9	12.3	1.4	<0.1	2	8
1045349	Drill Core	1.93	0.101	12.7	5	0.95	75	0.061	6.36	0.090	2.19	1.4	42.3	28	0.9	8.5	1.2	<0.1	1	6
REP 1045349	QC																			
1045379	Drill Core	2.35	0.131	6.5	6	0.92	49	0.052	7.16	2.614	1.58	0.6	43.2	15	0.7	8.6	0.9	<0.1	1	6
REP 1045379	QC																			
1045387	Drill Core	2.55	0.135	10.7	8	1.02	42	0.143	6.91	2.420	1.89	0.3	44.1	25	1.1	9.8	1.2	<0.1	1	8
REP 1045387	QC	2.49	0.134	11.1	6	0.99	53	0.140	7.01	2.414	1.85	0.3	42.2	25	1.0	9.2	1.2	<0.1	<1	8
1045398	Drill Core	2.48	0.100	11.9	13	1.02	34	0.067	6.93	1.881	1.97	0.6	39.6	25	0.9	8.1	1.0	<0.1	1	7
REP 1045398	QC																			
1045407	Drill Core	1.68	0.014	8.8	11	0.26	186	0.041	6.61	0.034	3.66	1.2	45.2	17	0.5	7.2	12.6	1.2	1	<1
REP 1045407	QC	1.68	0.014	8.3	10	0.26	188	0.041	6.38	0.038	3.70	1.2	46.0	17	0.6	7.1	12.5	1.2	2	<1
1045408	Drill Core	1.35	0.014	9.0	1	0.22	159	0.038	6.21	0.035	3.29	1.7	49.3	17	0.7	7.5	14.2	1.4	2	1
REP 1045408	QC	1.30	0.013	7.3	1	0.22	151	0.037	6.00	0.038	3.20	1.6	48.7	16	0.6	7.0	13.8	1.3	2	1
Core Reject Duplicates																				
1045320	Drill Core	2.48	0.104	11.1	10	0.89	30	0.088	6.09	1.661	2.15	0.8	35.7	24	0.7	8.9	1.7	0.1	1	6
DUP 1045320	QC	2.49	0.101	10.9	10	0.91	34	0.088	6.24	1.625	2.16	0.4	33.8	25	0.7	8.4	1.5	0.1	1	6
1045355	Drill Core	2.41	0.138	12.7	8	1.15	33	0.160	7.42	2.530	1.50	0.5	52.1	29	1.5	12.3	1.2	<0.1	1	10
DUP 1045355	QC	2.47	0.149	14.2	9	1.26	30	0.181	9.10	2.711	1.62	0.6	58.3	32	1.5	13.8	1.3	<0.1	1	13
1045390	Drill Core	2.19	0.120	11.2	13	0.93	30	0.097	7.14	2.340	1.99	0.4	50.3	26	0.9	8.2	1.3	0.1	1	6
DUP 1045390	QC	2.18	0.119	11.8	13	0.93	30	0.093	7.11	2.290	1.98	0.3	49.7	26	0.8	8.6	1.3	<0.1	2	7
Reference Materials																				
STD OREAS24P	Standard	5.74	0.125	16.8	190	3.94	251	1.126	7.35	2.360	0.64	0.5	121.3	33	1.4	20.0	17.4	0.9	1	21
STD OREAS24P	Standard	5.62	0.132	17.3	184	4.02	272	1.019	7.53	2.371	0.64	0.4	134.7	36	1.5	21.9	18.7	1.1	<1	20



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QUALITY CONTROL REPORT

SMI11000502.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045308	Drill Core	5.2	64.7	1.0
REP 1045308	QC	5.3	68.5	1.0
1045311	Drill Core	2.5	43.7	1.1
REP 1045311	QC			
1045343	Drill Core	2.9	54.7	1.8
REP 1045343	QC	2.9	49.9	1.7
1045349	Drill Core	4.7	69.8	1.2
REP 1045349	QC			
1045379	Drill Core	4.1	45.7	1.4
REP 1045379	QC			
1045387	Drill Core	4.1	64.8	1.3
REP 1045387	QC	4.0	62.0	1.3
1045398	Drill Core	4.1	59.6	1.2
REP 1045398	QC			
1045407	Drill Core	<0.1	143.8	2.5
REP 1045407	QC	<0.1	142.0	2.3
1045408	Drill Core	<0.1	145.8	2.7
REP 1045408	QC	<0.1	141.8	2.6
Core Reject Duplicates				
1045320	Drill Core	3.3	51.9	1.1
DUP 1045320	QC	3.4	46.6	1.0
1045355	Drill Core	4.3	49.8	1.4
DUP 1045355	QC	4.2	56.5	1.7
1045390	Drill Core	4.3	65.0	1.6
DUP 1045390	QC	4.3	65.8	1.5
Reference Materials				
STD OREAS24P	Standard	<0.1	19.6	3.0
STD OREAS24P	Standard	<0.1	22.0	3.4



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Project: Poplar Drilling

Report Date: November 22, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000502.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.5	44.5	4.3	120	<0.1	138.1	44.6	1106	6.96	<1	0.7	<0.1	2.7	381	0.1	0.1	<0.1
STD OREAS24P	Standard			1.3	54.1	3.2	118	<0.1	148.2	46.3	1130	7.70	1	0.7	<0.1	2.9	398	0.1	<0.1	<0.1
STD OREAS24P	Standard			1.8	53.6	3.0	120	<0.1	145.2	46.8	1099	7.99	1	0.8	<0.1	3.1	401	<0.1	0.1	<0.1
STD OREAS45C	Standard			2.6	632.8	23.3	78	0.2	344.5	106.1	1182	17.76	15	2.1	<0.1	10.3	38	0.1	1.0	0.2
STD OREAS45C	Standard			2.0	560.3	24.0	78	0.4	312.0	92.5	1126	16.53	11	2.3	<0.1	10.5	36	<0.1	0.7	0.2
STD OREAS45C	Standard			2.2	587.6	25.3	75	0.3	314.1	95.6	1136	16.59	11	2.4	<0.1	10.8	36	0.1	0.8	0.2
STD OREAS45C	Standard			1.9	614.4	25.6	78	0.3	339.5	102.6	1120	18.15	10	2.4	<0.1	10.8	40	0.2	1.0	0.2
STD OREAS45C	Standard			2.1	606.6	27.1	80	0.3	330.8	102.6	1133	18.86	12	2.4	<0.1	11.2	42	<0.1	0.7	0.2
STD OXH82	Standard		1.278																	
STD OXH82	Standard		1.261																	
STD OXH82	Standard		1.184																	
STD OXH82	Standard		1.247																	
STD OXH82	Standard		1.373																	
STD OXH82	Standard		1.320																	
STD OXH82	Standard		1.365																	
STD OXH82	Standard		1.288																	
STD OXK79	Standard		3.552																	
STD OXK79	Standard		3.526																	
STD OXK79	Standard		3.476																	
STD OXK79	Standard		3.562																	
STD OXK79	Standard		3.860																	
STD OXK79	Standard		3.594																	
STD OXK79	Standard		3.479																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 22, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000502.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.68	0.131	17.9	191	4.17	269	1.059	7.78	2.421	0.63	0.5	131.9	37	1.7	21.1	18.9	1.1	1	21	7.1
STD OREAS24P	Standard	5.94	0.136	18.9	194	4.34	281	1.109	7.96	2.647	0.70	0.4	135.4	39	1.6	21.8	19.8	1.1	<1	21	8.0
STD OREAS24P	Standard	5.47	0.133	20.0	198	4.37	285	0.977	7.39	2.429	0.67	0.5	138.4	38	1.7	22.1	19.3	1.2	1	20	7.9
STD OREAS45C	Standard	0.49	0.051	27.3	982	0.24	270	1.130	7.22	0.087	0.34	0.9	166.4	50	2.9	12.7	21.8	1.4	<1	64	13.6
STD OREAS45C	Standard	0.48	0.048	25.5	876	0.26	253	1.164	7.17	0.094	0.33	1.1	157.4	51	2.7	12.0	21.7	1.4	1	55	14.4
STD OREAS45C	Standard	0.44	0.045	24.4	874	0.25	263	1.174	7.10	0.095	0.32	1.1	158.5	49	2.9	12.1	22.4	1.5	1	58	14.8
STD OREAS45C	Standard	0.48	0.050	25.3	936	0.28	280	1.164	7.13	0.102	0.34	1.1	168.1	52	3.2	12.5	23.5	1.4	1	62	16.2
STD OREAS45C	Standard	0.49	0.050	28.5	954	0.24	290	1.144	7.42	0.090	0.35	1.1	169.4	54	3.4	12.9	22.0	1.4	<1	58	15.6
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
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STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 22, 2011

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000502.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	21.1	3.6
STD OREAS24P	Standard	<0.1	22.1	3.6
STD OREAS24P	Standard	<0.1	22.9	3.5
STD OREAS45C	Standard	<0.1	22.9	4.0
STD OREAS45C	Standard	<0.1	23.2	4.3
STD OREAS45C	Standard	<0.1	21.4	4.4
STD OREAS45C	Standard	<0.1	23.1	4.4
STD OREAS45C	Standard	<0.1	23.2	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000502.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	AU	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
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BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
Prep Wash																				
G1	Prep Blank	0.009 0.4 <0.1 19.1 54 <0.1 3.4 5.2 743 2.25 <1 2.7 <0.1 7.5 649 0.2 <0.1 0.4 45																		
G1	Prep Blank	<0.005 0.2 <0.1 19.5 52 <0.1 3.7 4.7 731 2.21 <1 2.6 <0.1 7.3 648 <0.1 <0.1 0.2 47																		

QUALITY CONTROL REPORT

SMI1100502.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.14	0.078	23.0	4	0.62	1006	0.237	6.93	2.755	1.48	0.1	14.1	48	1.4	14.4	23.9	1.5	2	5	35.1
G1	Prep Blank	2.12	0.080	22.2	5	0.62	932	0.239	6.47	2.727	1.45	<0.1	13.9	47	1.6	14.2	23.9	1.4	3	5	34.7



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Project: Poplar Drilling

Report Date: November 22, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000502.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	56.1	0.8
G1	Prep Blank	<0.1	51.7	0.8



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: October 03, 2011
Report Date: November 03, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000526.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_7&8
P.O. Number
Number of Samples: 131

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
Blair McIntyre

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	125	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	131	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	131	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: November 03, 2011

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000526.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045423	Drill Core	3.56	0.066	176.4	2817	17.4	51	1.0	44.9	15.0	383	2.15	15	1.5	<0.1	8.3	1303	0.3	1.7	0.2
1045424	Drill Core	5.45	0.045	171.0	2147	144.6	383	2.8	34.8	17.5	2000	2.36	98	1.9	<0.1	8.5	492	2.9	9.3	0.2
1045425	Drill Core	4.06	0.045	160.0	2176	13.8	71	0.6	22.8	19.7	378	2.32	36	1.4	<0.1	3.6	583	0.2	0.8	0.1
1045426	Drill Core	5.08	0.041	66.4	2171	15.1	66	1.0	22.0	26.4	319	3.50	6	1.1	<0.1	4.0	551	0.2	0.7	0.1
1045427	Drill Core	5.00	0.069	143.5	2527	28.7	61	1.5	24.5	24.3	588	2.94	305	1.4	<0.1	4.2	521	0.1	20.8	0.1
1045428	Rock Pulp	0.15	0.415	138.2	3808	30.7	69	2.3	40.1	21.9	416	4.76	47	1.3	0.3	3.1	233	0.4	4.5	0.5
1045429	Drill Core	5.79	0.077	188.8	3047	16.6	54	3.0	17.3	18.0	1949	2.88	17	1.7	<0.1	5.2	1188	<0.1	1.5	0.2
1045430	Drill Core	5.61	0.043	175.0	2060	11.7	49	0.7	16.1	22.4	330	2.42	8	1.2	<0.1	4.1	504	0.2	0.6	0.1
1045431	Drill Core	6.51	0.060	706.1	2282	13.6	40	0.8	13.4	13.2	286	1.50	10	1.9	<0.1	4.0	661	<0.1	0.7	0.1
1045432	Drill Core	5.14	0.049	152.8	2063	27.0	67	1.0	33.5	19.4	227	2.37	17	1.3	<0.1	5.0	461	0.3	0.4	<0.1
1045433	Rock	0.57	<0.005	3.3	12.8	1.5	1	<0.1	<0.1	<0.2	29	0.02	2	1.8	<0.1	<0.1	4394	<0.1	<0.1	<0.1
1045434	Drill Core	5.89	0.049	102.5	2270	12.3	50	0.6	28.7	18.8	225	2.56	2	1.4	<0.1	4.9	415	0.3	0.4	0.1
1045435	Drill Core	6.04	0.073	93.7	3111	11.3	60	0.9	29.2	30.0	231	3.42	2	1.3	<0.1	3.9	455	0.2	0.2	0.1
1045436	Drill Core	4.84	0.070	170.6	3096	10.3	57	0.8	29.1	23.4	257	2.97	2	1.3	<0.1	4.3	502	0.3	0.4	<0.1
1045437	Drill Core	3.77	0.068	163.8	3165	10.0	57	0.9	31.3	25.9	261	3.05	3	1.5	<0.1	4.6	567	0.3	0.5	0.1
1045438	Drill Core	5.76	0.052	150.2	2169	8.5	50	0.5	23.0	17.2	243	2.53	1	1.6	<0.1	4.7	529	0.3	0.4	<0.1
1045439	Drill Core	5.81	0.092	168.1	3742	10.4	58	0.9	29.7	20.8	253	2.96	1	1.3	<0.1	4.4	497	0.2	0.4	0.1
1045440	Drill Core	4.68	0.082	65.4	3417	9.7	60	0.9	26.5	20.4	259	2.90	2	1.2	<0.1	4.2	470	0.3	0.4	0.1
1045441	Drill Core	5.39	0.072	196.2	3163	11.3	56	0.8	26.4	20.0	242	2.47	1	1.4	<0.1	4.6	514	0.2	0.3	0.1
1045442	Drill Core	5.18	0.056	118.6	2832	11.1	61	0.8	26.5	25.2	247	3.09	2	1.3	<0.1	4.6	522	0.3	0.2	0.1
1045443	Drill Core	6.27	0.065	131.9	3242	11.2	76	0.8	30.4	26.7	269	3.55	2	1.4	<0.1	4.6	589	0.3	0.2	0.1
1045444	Rock Pulp	0.11	0.847	21.3	5072	6323	>10000	67.4	44.1	18.8	520	8.94	444	2.3	0.9	2.4	148	248.1	107.2	29.9
1045445	Drill Core	5.49	0.105	143.0	4250	21.4	98	1.2	25.7	17.7	229	2.54	2	1.1	0.2	4.2	595	0.6	0.6	0.2
1045446	Drill Core	4.94	0.023	152.1	971.3	10.5	44	0.3	15.3	8.8	197	1.72	1	1.2	<0.1	4.1	435	<0.1	0.2	<0.1
1045447	Drill Core	4.68	0.082	438.7	2950	11.7	43	1.2	20.1	11.2	327	2.05	29	1.2	<0.1	4.2	365	<0.1	1.3	<0.1
1045448	Drill Core	5.23	0.071	154.0	2743	16.1	62	0.7	22.1	14.3	249	2.05	7	1.3	<0.1	4.4	427	0.3	0.6	0.1
1045449	Drill Core	4.91	0.089	66.5	3510	14.4	59	0.8	24.3	14.4	215	2.34	2	1.3	<0.1	3.9	937	0.4	0.5	0.1
1045450	Drill Core	5.22	0.085	35.4	2974	13.4	59	1.1	24.7	14.9	284	2.58	5	1.3	<0.1	4.0	563	0.2	0.6	0.1
1045451	Drill Core	4.12	0.090	98.9	3574	43.5	59	2.3	40.2	18.9	448	2.60	6	1.8	0.1	4.2	758	0.3	0.6	0.1
1045452	Rock	0.69	0.008	0.4	10.8	0.2	<1	<0.1	<0.1	<0.2	21	<0.01	<1	1.5	<0.1	<0.1	4193	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045423	Drill Core	1.68	0.055	28.3	55	1.11	1323	0.215	7.16	1.711	3.32	0.5	36.3	52	1.3	8.4	3.2	0.2	2	13
1045424	Drill Core	2.44	0.091	30.7	32	1.20	685	0.212	8.00	0.227	2.49	1.3	50.1	55	0.9	11.1	3.1	0.2	2	12
1045425	Drill Core	2.18	0.129	17.8	27	1.31	557	0.198	7.36	1.656	2.08	0.4	41.8	33	0.9	10.2	2.0	0.1	2	9
1045426	Drill Core	2.67	0.126	18.5	38	1.38	405	0.264	7.47	2.373	1.79	0.3	32.4	34	1.0	10.7	3.8	0.2	1	10
1045427	Drill Core	3.25	0.121	21.2	28	1.32	351	0.270	7.18	0.585	1.53	0.6	33.8	41	0.9	10.0	4.5	0.3	2	9
1045428	Rock Pulp	0.40	0.114	18.2	61	1.08	506	0.286	7.62	1.572	4.19	14.8	28.2	32	2.5	11.7	3.1	0.2	1	17
1045429	Drill Core	3.11	0.111	25.9	19	1.08	444	0.237	6.96	1.757	2.64	1.2	21.4	46	0.9	11.5	5.3	0.4	1	7
1045430	Drill Core	4.28	0.125	32.1	22	1.13	212	0.227	7.01	2.568	2.29	0.3	38.0	58	0.9	15.7	3.3	0.2	1	8
1045431	Drill Core	6.70	0.090	67.0	14	0.89	55	0.188	5.93	1.784	2.36	0.5	34.5	109	1.0	23.9	2.9	0.1	<1	7
1045432	Drill Core	2.65	0.099	17.7	50	1.31	367	0.293	7.37	3.211	1.64	0.3	37.9	33	1.1	9.9	4.0	0.3	1	12
1045433	Rock	38.25	0.005	1.2	<1	1.52	15	0.001	0.08	0.021	0.03	<0.1	0.8	<1	<0.1	0.4	0.1	<0.1	<1	<1
1045434	Drill Core	2.84	0.121	20.8	43	1.42	411	0.300	7.74	3.058	1.79	0.3	42.1	41	1.3	12.2	4.2	0.3	1	11
1045435	Drill Core	2.90	0.140	16.7	34	1.63	352	0.323	7.22	2.979	1.68	0.2	46.0	34	1.3	11.1	4.9	0.3	1	10
1045436	Drill Core	3.29	0.148	27.4	36	1.64	479	0.307	7.18	2.556	1.94	0.4	43.6	51	1.4	12.7	4.4	0.3	1	11
1045437	Drill Core	3.59	0.151	33.1	37	1.70	522	0.320	7.39	2.669	2.08	0.4	45.8	59	1.3	14.6	4.2	0.3	1	11
1045438	Drill Core	3.34	0.147	35.5	34	1.79	486	0.336	7.53	2.804	2.32	0.4	44.2	64	1.3	14.0	5.1	0.3	1	12
1045439	Drill Core	3.34	0.139	29.8	40	1.69	479	0.326	7.44	2.727	2.30	0.4	42.7	54	1.3	14.4	5.2	0.3	1	11
1045440	Drill Core	3.32	0.146	22.3	34	1.66	458	0.345	7.39	2.726	2.00	0.3	42.3	43	1.2	12.5	5.9	0.3	1	11
1045441	Drill Core	3.69	0.127	31.9	35	1.53	569	0.315	7.49	2.646	2.33	0.4	43.4	57	1.1	13.2	5.0	0.3	1	10
1045442	Drill Core	2.88	0.132	18.9	35	1.72	464	0.340	8.10	3.197	2.04	0.4	49.1	41	1.2	13.4	5.3	0.3	1	11
1045443	Drill Core	2.96	0.140	26.3	42	1.79	479	0.367	7.73	2.997	2.10	0.3	45.4	50	1.4	12.6	6.2	0.4	1	12
1045444	Rock Pulp	1.75	0.048	10.8	28	0.90	50	0.171	3.77	1.221	0.69	1.3	29.8	23	54.1	10.2	4.2	0.2	<1	8
1045445	Drill Core	3.63	0.137	25.7	38	1.52	485	0.318	7.09	2.628	2.07	0.5	40.3	51	1.3	14.3	4.9	0.3	1	10
1045446	Drill Core	3.64	0.116	32.5	24	1.32	507	0.288	6.90	2.610	2.31	0.6	33.8	58	0.8	14.5	4.0	0.3	1	9
1045447	Drill Core	3.94	0.108	51.1	22	1.32	722	0.263	6.84	1.342	2.37	0.7	28.9	90	0.8	13.7	3.8	0.2	<1	8
1045448	Drill Core	3.11	0.137	24.8	22	1.29	521	0.302	7.73	2.219	2.16	0.5	43.6	46	1.0	11.9	4.1	0.2	1	9
1045449	Drill Core	2.97	0.129	21.7	23	1.38	463	0.312	7.16	2.796	1.75	0.4	44.7	44	1.3	11.4	5.3	0.3	1	9
1045450	Drill Core	2.81	0.135	22.6	29	1.38	455	0.348	7.66	2.389	1.88	0.4	44.1	45	1.2	12.9	5.9	0.4	1	10
1045451	Drill Core	3.01	0.125	29.1	35	1.37	385	0.310	7.54	2.377	1.83	0.6	50.3	56	1.4	14.2	5.0	0.3	1	11
1045452	Rock	38.51	0.004	0.5	<1	1.55	8	<0.001	0.03	0.010	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045423	Drill Core	1.0	79.6	1.0
1045424	Drill Core	0.9	98.3	1.4
1045425	Drill Core	1.0	47.6	1.1
1045426	Drill Core	1.7	63.3	0.9
1045427	Drill Core	0.9	46.7	0.9
1045428	Rock Pulp	2.2	79.7	0.8
1045429	Drill Core	1.6	74.0	0.6
1045430	Drill Core	2.9	61.7	1.0
1045431	Drill Core	4.7	68.7	0.9
1045432	Drill Core	1.1	55.0	1.1
1045433	Rock	<0.1	0.3	<0.1
1045434	Drill Core	1.5	53.0	1.1
1045435	Drill Core	2.0	48.6	1.2
1045436	Drill Core	2.2	55.4	1.1
1045437	Drill Core	2.4	73.3	1.2
1045438	Drill Core	1.9	74.5	1.1
1045439	Drill Core	2.2	75.8	1.1
1045440	Drill Core	1.9	60.1	1.1
1045441	Drill Core	2.1	70.7	1.2
1045442	Drill Core	1.7	71.4	1.2
1045443	Drill Core	1.8	82.4	1.1
1045444	Rock Pulp	9.5	21.4	1.0
1045445	Drill Core	2.0	67.0	1.1
1045446	Drill Core	1.8	65.4	0.9
1045447	Drill Core	0.6	63.4	0.8
1045448	Drill Core	1.0	64.3	1.3
1045449	Drill Core	1.0	59.5	1.2
1045450	Drill Core	0.7	72.9	1.3
1045451	Drill Core	1.3	78.6	1.5
1045452	Rock	<0.1	<0.1	<0.1



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045453	Drill Core	4.14	0.061	119.6	2436	323.3	200	4.4	57.6	17.3	920	2.57	13	1.1	<0.1	5.6	177	1.3	2.8	0.2
1045454	Drill Core	5.24	0.076	180.5	3463	28.7	111	1.3	86.1	24.2	409	3.08	6	1.5	<0.1	7.1	204	0.8	1.0	0.2
1045455	Drill Core	6.04	0.069	132.4	3006	12.4	51	1.0	73.7	16.0	373	2.81	4	1.4	<0.1	6.8	167	0.3	2.0	0.2
1045456	Drill Core	4.42	0.091	360.7	3646	12.7	52	1.2	71.1	14.4	531	2.32	15	1.5	0.1	7.5	114	<0.1	5.5	0.1
1045457	Drill Core	3.20	0.106	258.5	4173	13.5	56	1.2	77.8	15.5	549	2.44	13	1.4	0.1	7.9	119	0.3	4.7	0.1
1045458	Drill Core	5.28	0.052	184.1	2135	27.4	101	1.0	61.1	11.5	912	2.12	86	1.6	<0.1	7.9	390	0.3	35.2	0.1
1045459	Drill Core	5.59	0.064	492.3	2712	173.7	308	5.5	47.4	13.3	668	2.28	137	1.3	<0.1	5.7	284	1.4	100.8	0.2
1045460	Drill Core	4.56	0.044	131.6	1994	13.2	52	0.9	55.8	11.9	433	2.36	5	1.0	<0.1	5.3	147	0.2	2.1	0.2
1045461	Drill Core	4.50	0.065	180.8	3048	24.5	105	1.3	55.7	16.3	382	2.49	9	1.3	<0.1	7.3	99	0.5	3.1	0.2
1045462	Drill Core	5.28	0.081	192.2	3933	13.9	57	1.1	61.6	15.4	347	2.56	11	1.7	0.1	8.3	101	0.7	3.1	0.2
1045463	Drill Core	4.96	0.072	237.5	3367	39.1	81	2.0	48.9	16.5	719	2.73	118	1.6	0.3	7.4	220	0.3	25.1	0.2
1045464	Drill Core	5.22	0.067	116.3	3455	81.8	315	4.2	8.2	15.1	1948	2.17	1109	1.4	<0.1	5.3	943	1.7	67.6	0.3
1045465	Rock Pulp	0.10	0.477	162.2	4024	31.7	77	2.9	44.1	21.8	496	5.13	52	1.4	0.4	3.3	267	<0.1	4.1	0.5
1045466	Drill Core	5.05	0.085	97.3	3446	53.0	119	1.9	7.2	16.8	1320	2.09	953	1.6	<0.1	5.7	790	0.5	16.1	0.3
1045467	Drill Core	5.38	0.075	138.4	2703	653.7	518	7.4	6.3	14.5	1797	1.75	867	1.4	<0.1	4.8	698	3.4	89.1	0.3
1045468	Drill Core	5.87	0.069	195.5	3130	19.4	172	2.1	5.3	18.3	715	1.87	990	1.4	0.1	5.8	1051	1.1	38.9	0.2
1045469	Drill Core	4.94	0.050	139.0	2268	414.9	318	2.9	4.9	16.5	2785	2.18	764	1.5	<0.1	5.1	585	1.6	35.0	0.2
1045470	Drill Core	5.72	0.086	126.2	3966	80.9	205	2.9	4.7	15.6	1842	2.02	1071	1.6	<0.1	5.8	490	0.9	26.0	0.2
1045471	Drill Core	4.14	0.058	220.8	2821	92.0	167	2.3	3.5	23.5	1223	2.40	819	1.5	<0.1	5.0	710	0.9	29.4	0.2
1045472	Drill Core	5.29	0.065	93.1	2716	53.3	139	2.0	4.1	22.0	782	2.36	662	1.6	<0.1	4.9	692	0.7	23.5	0.2
1045473	Drill Core	4.71	0.038	163.1	1726	21.4	67	0.7	2.8	15.3	395	1.79	453	1.5	<0.1	5.1	637	0.5	7.6	0.2
1045474	Drill Core	4.69	0.075	226.9	3268	33.6	122	1.7	4.8	19.1	477	1.84	616	1.5	<0.1	4.9	715	0.5	15.6	0.2
1045475	Rock	0.72	<0.005	0.5	6.9	<0.1	<1	<0.1	0.7	<0.2	25	<0.01	<1	1.3	<0.1	<0.1	4102	<0.1	<0.1	<0.1
1045476	Drill Core	4.85	0.103	358.9	4485	15.4	100	1.4	7.2	20.1	402	1.83	798	1.1	0.1	4.5	861	0.7	22.2	<0.1
1045477	Drill Core	5.67	0.054	237.6	3210	42.1	182	1.8	6.2	23.2	542	1.54	1020	1.4	<0.1	4.8	1233	1.2	93.1	<0.1
1045478	Drill Core	5.02	0.049	217.8	2261	18.3	53	0.9	3.9	20.5	319	1.63	467	1.2	<0.1	5.0	1093	0.4	6.2	0.2
1045479	Drill Core	3.16	0.047	256.0	1997	17.0	45	0.6	3.7	18.8	312	1.58	425	1.2	<0.1	5.1	2037	0.3	5.0	0.2
1045480	Drill Core	4.95	0.043	99.8	2017	16.7	46	0.7	5.0	20.7	265	1.90	41	1.2	<0.1	5.1	1909	0.3	0.5	0.1
1045481	Drill Core	5.04	0.048	228.9	1768	16.7	58	0.8	7.2	12.6	397	1.42	329	1.3	<0.1	5.1	817	0.3	6.4	0.1
1045482	Drill Core	2.65	0.056	334.7	2202	22.5	100	1.1	4.4	12.8	458	1.46	551	1.2	<0.1	5.2	928	0.8	17.5	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045453	Drill Core	2.62	0.065	18.1	63	1.35	550	0.276	7.26	1.459	2.65	0.9	28.0	38	1.2	10.0	4.1	0.2	<1	14
1045454	Drill Core	1.49	0.071	28.2	71	1.19	149	0.234	8.09	1.867	4.28	1.1	23.7	58	1.6	11.5	4.0	0.3	1	15
1045455	Drill Core	1.93	0.071	24.5	67	1.26	426	0.276	7.76	1.289	3.71	1.0	20.9	50	1.7	11.5	4.4	0.3	2	16
1045456	Drill Core	2.65	0.079	32.6	73	1.29	795	0.309	8.02	0.136	2.66	2.4	24.2	64	1.2	13.3	3.9	0.3	1	17
1045457	Drill Core	2.91	0.072	31.0	67	1.28	866	0.300	8.14	0.152	2.75	3.4	24.8	61	1.2	12.5	4.2	0.2	2	17
1045458	Drill Core	2.85	0.061	27.9	66	1.20	856	0.252	8.05	0.036	1.46	2.9	27.3	56	0.9	10.5	3.6	0.3	2	16
1045459	Drill Core	3.27	0.063	37.3	52	1.43	348	0.226	6.93	0.218	2.31	6.6	15.0	68	1.2	10.9	3.0	0.2	2	14
1045460	Drill Core	1.92	0.056	24.1	61	1.25	1048	0.274	7.22	1.097	3.40	1.0	13.8	48	1.1	11.1	3.7	0.2	2	14
1045461	Drill Core	2.68	0.068	37.0	71	1.22	689	0.231	7.87	0.165	2.69	6.5	24.2	71	1.7	11.5	2.7	0.2	2	15
1045462	Drill Core	2.46	0.078	36.5	72	1.24	923	0.288	8.32	0.130	2.70	10.1	32.1	70	1.7	13.4	4.9	0.3	2	15
1045463	Drill Core	2.77	0.090	34.7	55	1.20	291	0.229	7.96	0.050	1.91	8.7	36.7	67	1.6	11.6	3.4	0.2	2	14
1045464	Drill Core	1.91	0.086	20.7	3	0.76	646	0.079	7.51	0.045	3.20	1.5	35.5	42	1.5	7.7	2.3	0.1	2	4
1045465	Rock Pulp	0.47	0.123	18.7	67	1.16	100	0.289	7.76	1.653	6.32	14.2	28.4	37	2.5	13.7	2.9	0.2	1	17
1045466	Drill Core	1.52	0.098	22.2	2	0.56	169	0.069	7.66	0.050	3.01	1.2	37.6	46	1.3	9.0	2.0	0.1	2	4
1045467	Drill Core	1.49	0.079	22.2	3	0.67	378	0.071	7.36	0.055	3.33	1.4	32.1	46	0.9	7.0	1.9	0.1	2	4
1045468	Drill Core	1.48	0.093	35.6	3	0.64	705	0.077	7.46	0.052	2.73	1.0	31.6	71	0.8	8.6	2.4	0.2	2	4
1045469	Drill Core	1.75	0.076	25.6	3	0.73	594	0.070	7.27	0.124	2.95	1.1	28.1	51	0.7	8.2	1.6	<0.1	2	4
1045470	Drill Core	1.92	0.076	36.6	3	0.78	571	0.077	7.35	0.935	3.05	0.9	27.7	70	0.9	7.6	1.7	0.1	2	4
1045471	Drill Core	1.86	0.087	26.2	4	0.76	155	0.073	7.32	0.789	3.31	0.8	29.0	53	0.8	6.9	1.8	0.1	1	4
1045472	Drill Core	1.61	0.083	22.3	3	0.72	141	0.079	7.47	1.002	3.13	1.7	26.5	47	1.1	6.9	1.8	0.1	2	4
1045473	Drill Core	1.72	0.090	28.4	4	0.68	768	0.074	7.42	2.377	2.74	0.6	27.6	55	0.7	7.0	1.8	0.1	1	4
1045474	Drill Core	1.81	0.088	31.0	4	0.65	213	0.087	7.20	1.933	3.53	0.5	26.1	62	0.7	8.1	2.0	0.1	2	4
1045475	Rock	33.13	0.003	0.5	<1	1.86	10	<0.001	0.02	0.005	<0.01	<0.1	0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045476	Drill Core	1.96	0.090	28.0	2	0.71	327	0.123	7.18	1.219	2.88	0.6	25.3	56	0.8	8.1	2.6	0.2	2	5
1045477	Drill Core	1.73	0.083	26.2	4	0.67	577	0.116	7.36	0.153	2.47	0.7	24.6	51	0.6	7.0	2.6	0.1	2	4
1045478	Drill Core	1.75	0.081	23.2	2	0.70	845	0.087	7.49	2.116	3.11	0.4	26.2	47	0.5	7.2	1.8	0.1	2	3
1045479	Drill Core	1.83	0.082	25.2	3	0.72	370	0.086	7.49	1.979	3.19	0.4	25.7	50	0.6	7.4	1.8	0.1	1	3
1045480	Drill Core	2.08	0.097	21.5	4	0.64	334	0.132	7.59	2.726	2.77	0.5	25.3	45	0.5	9.9	2.8	0.2	1	5
1045481	Drill Core	1.75	0.081	25.1	8	0.69	949	0.098	7.31	1.535	3.33	0.6	24.1	50	0.5	7.1	1.8	0.1	2	4
1045482	Drill Core	2.15	0.093	26.0	2	0.69	1195	0.119	7.68	1.218	3.17	0.6	25.0	53	0.6	7.5	2.7	0.2	1	4



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Project: Poplar Drilling
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

SMI11000526.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045453	Drill Core	0.9	82.1	0.7
1045454	Drill Core	1.3	95.8	0.7
1045455	Drill Core	1.1	81.5	0.6
1045456	Drill Core	0.6	65.5	0.7
1045457	Drill Core	0.7	63.0	0.7
1045458	Drill Core	0.6	51.8	0.7
1045459	Drill Core	0.8	76.8	0.5
1045460	Drill Core	0.7	76.0	0.4
1045461	Drill Core	1.1	66.3	0.8
1045462	Drill Core	0.8	66.2	0.9
1045463	Drill Core	1.1	76.8	1.5
1045464	Drill Core	1.2	121.7	1.0
1045465	Rock Pulp	2.2	165.9	1.0
1045466	Drill Core	1.3	103.6	1.2
1045467	Drill Core	1.0	119.2	1.0
1045468	Drill Core	1.1	95.0	1.0
1045469	Drill Core	1.0	109.6	0.9
1045470	Drill Core	1.1	98.6	0.9
1045471	Drill Core	1.5	98.1	1.0
1045472	Drill Core	1.6	93.4	1.0
1045473	Drill Core	1.0	62.2	1.0
1045474	Drill Core	1.0	73.5	0.9
1045475	Rock	0.3	0.3	<0.1
1045476	Drill Core	0.9	65.1	0.7
1045477	Drill Core	0.8	69.6	1.0
1045478	Drill Core	0.9	68.6	0.9
1045479	Drill Core	0.8	70.9	1.0
1045480	Drill Core	1.0	60.7	0.9
1045481	Drill Core	0.7	75.0	0.9
1045482	Drill Core	0.7	70.9	0.8



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Poplar Drilling

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November 03, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000526.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045483	Drill Core	2.59	0.056	310.8	2480	13.2	63	0.8	4.6	14.3	319	1.52	409	1.2	<0.1	4.5	654	0.3	3.8	0.1
1045484	Drill Core	5.12	0.071	297.6	2819	35.1	85	1.3	5.6	14.5	409	1.70	602	1.3	<0.1	5.2	679	0.8	9.8	0.1
1045485	Drill Core	4.52	0.053	242.1	2512	11.9	40	0.6	4.7	11.7	315	1.41	333	1.3	<0.1	5.5	701	0.2	1.9	<0.1
1045486	Rock Pulp	0.14	0.970	168.7	3910	54.7	138	3.4	27.0	20.8	563	5.29	70	1.3	1.3	2.7	254	0.8	8.4	0.7
1045487	Drill Core	4.70	0.057	267.1	2342	34.1	89	1.2	3.6	8.4	456	1.23	596	1.3	<0.1	5.1	900	0.6	11.6	0.1
1045488	Drill Core	5.17	0.069	222.7	2401	19.2	56	0.7	5.4	12.9	333	1.52	262	1.1	<0.1	5.5	599	0.3	2.7	0.2
1045489	Drill Core	4.46	0.076	190.0	2350	18.0	60	0.8	4.6	11.9	410	1.41	235	1.2	<0.1	5.8	568	0.1	3.8	0.2
1045490	Drill Core	4.59	0.092	261.0	2700	624.3	801	2.0	4.3	12.4	1046	1.50	423	2.4	0.1	5.3	528	6.2	24.1	0.2
1045491	Rock	0.72	<0.005	0.7	13.9	2.1	1	<0.1	<0.1	<0.2	25	0.01	<1	1.4	<0.1	<0.1	4373	<0.1	0.2	<0.1
1045492	Drill Core	4.47	0.080	165.9	3355	31.9	144	1.6	5.7	15.3	734	1.80	899	1.3	0.2	5.1	780	0.7	39.2	0.2
1045493	Drill Core	5.28	0.088	306.3	3515	34.3	137	2.3	5.5	12.6	854	1.51	781	1.3	0.1	5.1	683	0.8	25.2	0.2
1045494	Drill Core	5.20	0.098	305.9	3681	95.4	303	7.5	5.8	13.0	1218	1.54	683	1.4	0.1	5.3	619	2.4	54.4	0.2
1045495	Drill Core	4.46	0.186	440.2	4316	17.3	78	1.1	8.2	14.3	434	1.60	508	1.2	0.5	4.9	629	0.2	7.9	0.2
1045496	Drill Core	3.46	0.135	248.0	3421	15.1	67	0.9	6.9	14.1	361	1.55	473	1.3	0.1	5.0	543	0.1	6.1	0.2
1045497	Drill Core	5.35	0.158	413.0	4741	31.6	93	1.6	8.2	10.3	559	1.46	1123	1.3	0.2	4.9	748	0.4	30.1	0.2
1045498	Drill Core	5.02	0.192	482.6	4976	17.1	132	1.4	8.2	14.7	555	1.49	1186	1.3	0.2	5.4	1059	0.2	48.5	0.1
1045499	Drill Core	4.89	0.133	263.6	3190	152.5	357	4.1	7.1	13.6	1959	2.17	818	1.5	0.1	5.6	744	2.3	49.6	0.2
1045500	Drill Core	4.35	0.116	517.1	3643	79.0	499	5.1	5.4	10.4	1872	1.80	1018	1.5	<0.1	4.9	754	2.9	17.2	0.1
1045501	Drill Core	4.93	0.090	159.0	2686	24.3	64	1.3	4.4	12.8	395	1.61	105	1.3	<0.1	5.4	1671	0.1	1.8	0.1
1045502	Drill Core	4.52	0.077	239.1	2333	16.3	46	0.8	5.6	14.3	293	1.60	8	1.2	<0.1	5.3	233	0.2	0.6	<0.1
1045503	Drill Core	4.68	0.159	119.3	3500	17.5	50	1.5	6.7	14.1	431	1.74	12	1.2	0.4	5.2	231	0.2	1.2	0.1
1045504	Drill Core	4.85	0.137	167.5	3712	14.7	45	1.2	5.5	14.8	446	1.73	7	1.2	0.2	5.3	280	0.3	1.9	0.1
1045505	Drill Core	5.27	0.089	122.4	3036	119.4	251	9.2	4.6	12.3	2081	1.63	376	1.2	<0.1	5.4	713	1.6	35.1	0.1
1045506	Drill Core	4.53	0.193	109.3	7182	106.3	340	7.3	6.2	16.9	3093	2.39	423	1.1	0.2	5.3	648	1.9	23.3	0.2
1045507	Rock Pulp	0.11	0.818	23.8	5320	6548	>10000	73.4	47.0	19.8	529	9.51	332	2.4	1.0	2.5	156	264.3	115.5	29.8
1045508	Drill Core	5.57	0.162	96.3	5312	345.7	1339	25.0	6.0	17.3	4103	2.55	657	1.2	0.2	5.1	413	9.8	97.9	0.2
1045509	Drill Core	5.90	0.128	388.8	3481	190.7	896	4.4	5.2	10.3	838	1.35	1211	1.2	<0.1	5.1	765	5.5	17.7	0.2
1045510	Drill Core	6.13	0.153	207.2	4771	1281	1421	45.6	6.0	14.0	4225	2.06	854	1.2	0.2	4.9	547	11.1	153.0	0.2
1045511	Drill Core	5.41	0.205	326.6	4903	325.2	1401	4.4	6.2	11.0	708	1.48	1221	1.1	0.4	5.9	601	10.0	16.4	0.2
1045512	Rock	0.58	0.008	2.1	36.7	6.3	7	0.2	0.8	<0.2	45	0.02	3	1.5	<0.1	<0.1	3691	0.1	1.5	<0.1



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Project: Poplar Drilling
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045483	Drill Core	1.81	0.092	23.2	4	0.65	743	0.117	7.40	1.654	3.27	0.5	27.9	48	0.6	7.6	2.2	0.2	2	4
1045484	Drill Core	1.77	0.074	28.3	2	0.69	592	0.092	7.66	1.577	3.39	0.6	24.3	56	0.5	7.2	1.9	0.1	2	3
1045485	Drill Core	1.92	0.096	28.7	4	0.64	1382	0.122	7.90	1.689	3.48	0.5	21.4	59	0.4	7.9	2.3	0.1	1	4
1045486	Rock Pulp	0.50	0.115	15.7	48	0.91	68	0.250	7.63	1.306	5.96	28.3	23.5	33	2.9	13.1	3.3	0.2	2	13
1045487	Drill Core	2.20	0.103	38.9	2	0.67	1303	0.127	7.66	0.786	2.95	0.4	20.9	77	0.5	9.1	2.2	0.1	2	4
1045488	Drill Core	2.07	0.114	28.4	7	0.69	1089	0.156	9.09	1.779	3.09	0.7	24.1	53	0.7	7.9	3.0	0.2	2	5
1045489	Drill Core	1.70	0.094	28.3	3	0.63	1006	0.146	8.66	1.489	2.79	0.7	24.5	50	0.7	7.3	2.9	0.2	2	4
1045490	Drill Core	2.17	0.100	24.1	4	0.69	970	0.152	7.55	1.301	3.16	1.0	23.8	44	0.8	7.7	3.2	0.2	1	4
1045491	Rock	35.07	0.005	0.4	<1	2.05	6	0.001	0.03	0.006	0.01	<0.1	0.3	<1	<0.1	0.2	0.1	<0.1	<1	<1
1045492	Drill Core	2.33	0.089	23.1	4	0.79	489	0.139	7.78	0.302	3.04	0.8	23.0	44	0.9	6.4	3.3	0.2	2	4
1045493	Drill Core	1.91	0.087	32.7	2	0.73	822	0.136	7.78	0.301	2.87	0.9	20.9	57	0.8	6.6	2.9	0.2	2	4
1045494	Drill Core	2.15	0.089	32.5	4	0.78	754	0.124	7.34	0.255	3.14	1.1	26.1	56	0.7	7.7	2.5	0.2	1	4
1045495	Drill Core	2.18	0.108	28.0	2	0.76	704	0.135	8.70	0.726	3.04	0.7	22.9	54	0.8	7.4	2.6	0.2	2	4
1045496	Drill Core	1.98	0.097	23.9	4	0.67	478	0.116	7.47	0.648	3.21	0.6	19.9	45	0.7	6.8	2.1	0.2	2	4
1045497	Drill Core	2.02	0.099	32.2	3	0.74	407	0.122	7.06	0.089	2.72	0.8	18.8	60	0.9	7.2	2.4	0.2	1	4
1045498	Drill Core	2.20	0.109	34.7	4	0.70	306	0.141	7.72	0.086	2.45	1.0	21.5	64	0.8	7.9	2.9	0.2	1	4
1045499	Drill Core	3.23	0.093	36.5	3	1.11	355	0.125	7.30	0.048	2.55	1.2	19.9	64	0.8	9.8	2.4	0.1	1	4
1045500	Drill Core	3.00	0.102	42.7	7	0.97	419	0.141	6.82	0.159	3.12	1.1	16.1	76	0.7	10.4	2.9	0.2	<1	5
1045501	Drill Core	2.07	0.095	22.5	3	0.64	406	0.123	7.61	2.089	3.21	0.5	17.8	44	0.6	8.4	2.7	0.2	1	4
1045502	Drill Core	2.16	0.098	21.6	4	0.67	309	0.145	8.89	1.595	3.11	0.6	18.7	42	0.7	8.7	3.0	0.2	1	5
1045503	Drill Core	2.01	0.101	23.3	3	0.69	468	0.123	7.64	1.091	3.14	0.6	17.9	43	0.9	8.4	3.0	0.2	<1	4
1045504	Drill Core	2.16	0.097	28.6	5	0.61	457	0.137	7.35	1.838	3.14	0.5	17.2	54	0.7	8.9	3.4	0.2	1	4
1045505	Drill Core	2.39	0.094	28.8	3	0.75	799	0.130	7.82	0.638	2.86	1.2	18.9	53	0.7	8.1	3.1	0.2	1	4
1045506	Drill Core	2.34	0.093	21.8	4	0.76	226	0.134	7.92	0.219	2.94	0.9	18.4	43	1.1	7.5	3.4	0.2	2	4
1045507	Rock Pulp	1.81	0.054	10.9	32	0.92	73	0.178	3.74	1.194	0.74	1.1	35.5	23	55.4	11.3	4.5	0.2	<1	8
1045508	Drill Core	2.05	0.087	21.5	4	0.76	153	0.131	7.77	0.152	3.37	1.6	18.3	40	0.9	8.0	3.3	0.2	1	4
1045509	Drill Core	1.57	0.078	40.8	2	0.59	763	0.113	7.55	0.637	3.20	1.9	17.7	71	0.7	7.4	2.8	0.2	<1	4
1045510	Drill Core	1.38	0.077	28.5	5	0.59	224	0.112	7.85	0.137	3.46	2.7	17.3	52	0.8	7.5	2.6	0.2	1	4
1045511	Drill Core	1.73	0.099	36.0	2	0.59	801	0.131	8.02	0.873	3.06	1.8	17.8	65	0.8	8.6	2.7	0.2	1	4
1045512	Rock	36.49	0.004	1.6	<1	1.91	10	0.002	0.06	0.005	0.03	<0.1	0.7	<1	<0.1	0.3	0.2	<0.1	<1	<1



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CERTIFICATE OF ANALYSIS

SMI11000526.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045483	Drill Core	0.8	74.7	1.0
1045484	Drill Core	0.9	80.6	0.9
1045485	Drill Core	0.6	76.5	0.7
1045486	Rock Pulp	2.6	157.2	0.8
1045487	Drill Core	0.5	73.7	0.8
1045488	Drill Core	0.7	65.8	0.9
1045489	Drill Core	0.6	66.6	0.9
1045490	Drill Core	0.7	80.3	0.8
1045491	Rock	<0.1	0.3	<0.1
1045492	Drill Core	0.9	77.2	0.7
1045493	Drill Core	0.7	77.5	0.8
1045494	Drill Core	0.8	80.9	0.8
1045495	Drill Core	0.8	55.8	0.8
1045496	Drill Core	0.8	69.6	0.7
1045497	Drill Core	0.7	63.7	0.7
1045498	Drill Core	0.8	53.9	0.9
1045499	Drill Core	0.9	83.2	0.7
1045500	Drill Core	0.7	67.9	0.6
1045501	Drill Core	0.9	66.9	0.7
1045502	Drill Core	0.8	62.4	0.8
1045503	Drill Core	0.9	68.6	0.6
1045504	Drill Core	0.9	65.6	0.7
1045505	Drill Core	0.7	87.4	0.7
1045506	Drill Core	1.1	101.1	0.8
1045507	Rock Pulp	>10	22.1	1.0
1045508	Drill Core	1.3	128.8	0.8
1045509	Drill Core	0.7	88.8	0.7
1045510	Drill Core	1.1	124.4	0.6
1045511	Drill Core	0.7	83.8	0.7
1045512	Rock	<0.1	0.9	<0.1



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Project: Poplar Drilling
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045513	Drill Core	4.66	0.181	528.0	6007	401.5	1500	3.7	7.0	13.4	455	1.49	1339	1.8	0.2	5.6	629	11.8	12.7	0.2
1045514	Drill Core	4.98	0.136	112.7	3816	97.0	477	1.5	5.7	19.2	453	2.11	424	1.3	0.1	4.8	529	2.7	1.7	0.3
1045515	Drill Core	3.53	0.119	261.1	4452	114.0	652	1.5	6.5	17.2	342	1.87	642	1.4	<0.1	5.6	536	3.5	3.1	0.3
1045516	Drill Core	5.46	0.193	293.4	4873	168.3	934	1.5	7.3	17.0	430	1.67	1272	1.5	0.3	5.1	658	5.4	9.4	0.2
1045517	Drill Core	4.70	0.124	175.5	3660	73.8	560	1.2	5.4	16.0	339	1.78	780	1.4	0.1	5.3	546	2.5	6.8	0.2
1045518	Drill Core	4.90	0.113	180.2	3807	108.7	565	1.4	5.1	16.0	313	1.90	580	1.2	0.2	4.9	447	4.3	4.7	0.2
1045519	Drill Core	4.97	0.112	151.6	3891	88.3	500	1.3	4.7	16.3	345	1.97	624	1.2	0.1	4.9	444	3.0	4.9	0.1
1045520	Drill Core	5.46	0.083	100.1	2742	25.9	191	0.9	4.8	14.6	271	1.90	278	1.2	<0.1	4.9	391	0.4	1.4	0.1
1045521	Drill Core	5.55	0.116	91.6	3042	25.8	160	1.2	10.2	14.5	634	2.44	127	1.0	<0.1	4.4	359	1.3	4.3	0.1
1045522	Drill Core	4.16	0.007	6.3	179.8	16.9	115	0.2	92.5	24.6	1058	4.59	26	1.5	<0.1	2.4	252	0.4	1.2	<0.1
1045523	Drill Core	4.20	<0.005	1.3	54.6	12.4	146	<0.1	119.4	30.7	968	5.22	17	0.9	<0.1	2.2	327	0.3	0.3	<0.1
1045524	Drill Core	5.47	0.153	97.7	4057	611.4	857	1.3	24.2	17.8	873	2.16	313	1.2	0.2	4.8	577	5.5	41.2	0.2
1045525	Drill Core	5.21	0.158	387.1	3450	81.3	313	0.5	8.6	12.1	433	1.61	367	0.9	0.2	4.9	1425	1.4	2.2	0.2
1045526	Drill Core	5.02	0.156	419.6	4661	47.9	337	0.8	6.7	11.8	528	1.78	461	1.0	0.1	5.2	1093	0.8	7.0	0.2
1045527	Drill Core	5.44	0.174	200.0	4529	14.4	58	0.6	5.7	12.6	319	1.95	74	1.1	0.3	5.2	1018	<0.1	3.5	0.2
1045528	Drill Core	3.14	0.141	209.6	3799	17.4	58	0.5	5.0	12.1	380	1.83	59	1.0	<0.1	4.7	1005	0.3	3.2	0.2
1045529	Drill Core	4.77	0.135	196.7	3730	14.0	97	0.6	4.9	13.4	376	1.87	424	1.1	0.2	5.1	1012	0.1	17.8	0.2
1045530	Drill Core	5.01	0.208	226.9	3528	11.5	65	0.4	5.9	12.6	229	1.78	222	1.0	0.1	5.0	1015	<0.1	8.8	0.3
1045531	Rock	0.60	<0.005	0.3	18.0	0.1	1	<0.1	<0.1	<0.2	19	<0.01	1	1.4	<0.1	<0.1	4025	<0.1	<0.1	<0.1
1045532	Drill Core	5.15	0.223	693.9	4698	12.3	67	0.6	7.6	12.2	267	1.97	233	1.0	0.2	5.0	1051	0.3	5.2	0.2
1045533	Drill Core	4.36	0.226	343.6	5062	18.4	122	0.7	6.4	12.1	451	1.94	520	0.9	0.4	5.0	798	0.3	18.5	0.2
1045534	Drill Core	4.35	0.418	528.8	9593	28.9	85	1.3	10.1	16.8	366	2.51	197	0.9	0.4	4.8	1140	0.2	1.8	0.3
1045535	Drill Core	4.75	0.232	261.6	5149	23.4	145	0.8	5.9	13.2	456	1.99	672	0.9	0.1	4.4	373	0.6	18.1	0.3
1045536	Drill Core	5.65	0.317	350.1	7669	11.5	49	0.7	8.0	14.8	291	2.11	44	1.0	0.3	4.6	409	0.2	0.8	0.2
1045537	Rock Pulp	0.11	0.904	22.5	5158	6463	>10000	27.7	49.2	19.7	536	9.61	478	2.1	1.0	2.2	149	243.6	110.4	26.8
1045538	Drill Core	5.53	0.247	721.4	5784	54.4	101	1.0	10.1	16.6	561	2.73	408	1.3	0.2	4.1	1069	1.2	16.8	0.3
1045539	Drill Core	4.45	0.263	247.2	6048	15.9	154	1.0	8.8	16.5	682	2.52	400	1.3	0.2	4.1	366	0.8	29.7	0.3
1045540	Drill Core	5.19	0.423	583.9	8374	140.7	682	1.8	11.6	18.6	1999	3.05	536	1.2	0.3	3.4	443	3.7	11.0	0.3
1045541	Drill Core	4.96	0.336	132.0	9311	92.1	566	1.2	9.1	16.3	501	3.10	487	1.8	0.2	4.0	194	2.7	17.4	0.3
1045542	Drill Core	4.36	0.330	315.5	6313	9.7	61	0.5	7.7	12.2	220	1.87	62	1.1	0.2	4.4	526	<0.1	3.9	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045513	Drill Core	1.30	0.118	50.7	3	0.37	272	0.134	8.04	0.778	3.38	1.8	19.4	88	1.1	10.2	3.1	0.2	1	4
1045514	Drill Core	1.64	0.095	19.4	5	0.47	211	0.140	8.38	1.259	3.44	1.8	21.4	38	1.0	8.0	3.8	0.2	2	5
1045515	Drill Core	1.39	0.094	26.8	3	0.45	201	0.142	8.23	1.380	3.75	2.1	20.3	51	1.1	8.7	3.2	0.2	1	5
1045516	Drill Core	1.63	0.093	28.8	5	0.53	321	0.136	7.69	1.037	3.32	1.6	19.0	55	0.9	8.9	3.0	0.2	1	4
1045517	Drill Core	1.61	0.095	23.6	3	0.53	295	0.142	8.34	1.129	3.22	1.4	20.7	46	1.0	8.3	3.5	0.3	1	5
1045518	Drill Core	1.97	0.096	20.3	5	0.60	346	0.139	7.21	1.397	3.36	1.2	19.1	40	0.9	7.8	3.8	0.2	1	4
1045519	Drill Core	2.02	0.092	19.1	3	0.62	254	0.139	7.24	1.408	3.39	1.3	18.8	40	0.9	8.2	3.7	0.2	1	4
1045520	Drill Core	2.05	0.098	18.7	5	0.66	246	0.153	8.47	1.833	3.11	0.8	18.5	38	0.8	7.9	3.5	0.2	1	5
1045521	Drill Core	4.07	0.079	19.8	4	1.48	281	0.125	6.80	0.960	2.70	0.5	16.0	40	0.8	8.6	2.7	0.2	1	4
1045522	Drill Core	6.56	0.136	23.8	176	2.56	867	0.563	7.06	0.385	1.35	0.6	120.5	45	0.9	21.1	7.1	0.4	1	19
1045523	Drill Core	6.19	0.145	21.3	187	2.36	462	0.625	7.72	0.937	1.44	0.3	144.3	45	1.0	20.3	7.2	0.4	<1	20
1045524	Drill Core	2.27	0.082	26.9	15	0.96	608	0.182	7.65	1.299	3.16	1.0	23.8	48	1.0	8.9	3.6	0.3	<1	5
1045525	Drill Core	1.90	0.091	25.9	6	0.77	894	0.138	7.91	1.838	3.45	0.9	18.4	48	0.8	8.2	2.9	0.2	<1	4
1045526	Drill Core	2.02	0.087	28.6	4	0.68	799	0.130	7.58	1.753	3.47	0.9	17.3	53	0.8	8.4	3.5	0.2	<1	4
1045527	Drill Core	2.45	0.087	26.0	3	0.66	260	0.156	8.01	2.541	3.54	0.4	18.4	49	0.9	9.2	4.4	0.3	<1	4
1045528	Drill Core	2.49	0.086	25.2	4	0.64	500	0.137	7.43	2.364	3.54	0.4	18.1	47	0.8	9.1	4.1	0.3	<1	4
1045529	Drill Core	2.04	0.082	27.2	3	0.73	676	0.139	7.80	1.598	3.37	0.6	16.2	50	0.8	7.7	3.3	0.2	<1	4
1045530	Drill Core	2.06	0.095	20.9	3	0.60	736	0.142	7.73	2.411	3.32	0.4	17.6	40	0.8	7.5	3.5	0.2	<1	4
1045531	Rock	36.86	0.003	<0.1	1	1.70	8	<0.001	<0.01	0.008	0.01	<0.1	0.4	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045532	Drill Core	1.98	0.089	23.7	3	0.56	533	0.157	8.02	1.953	3.98	2.5	16.7	44	0.9	8.4	4.6	0.3	<1	4
1045533	Drill Core	2.17	0.091	22.3	3	0.66	646	0.141	7.21	1.480	3.36	2.1	14.7	42	0.9	7.8	3.9	0.2	<1	4
1045534	Drill Core	2.26	0.088	22.4	4	0.63	515	0.150	7.80	2.173	2.67	0.7	14.9	41	1.3	8.0	4.5	0.3	<1	4
1045535	Drill Core	2.47	0.086	18.2	3	0.71	355	0.145	7.55	1.359	3.12	0.6	15.4	35	1.0	7.1	3.1	0.2	<1	4
1045536	Drill Core	2.20	0.097	19.4	5	0.61	655	0.191	7.67	2.312	2.68	0.5	19.6	37	1.1	9.1	4.6	0.3	<1	5
1045537	Rock Pulp	1.83	0.048	11.3	26	0.93	115	0.185	3.81	1.267	0.76	1.2	34.0	23	55.6	10.8	4.3	0.2	<1	8
1045538	Drill Core	3.40	0.163	33.3	10	1.07	601	0.348	7.84	2.182	2.43	1.2	38.0	66	1.2	17.1	7.1	0.4	<1	9
1045539	Drill Core	2.84	0.124	22.4	8	0.86	536	0.222	7.84	1.222	2.45	0.9	31.7	42	1.2	11.0	4.4	0.3	<1	6
1045540	Drill Core	2.54	0.142	19.4	8	0.91	336	0.315	7.91	1.083	2.78	2.5	33.1	39	1.1	13.0	6.3	0.3	<1	9
1045541	Drill Core	2.49	0.160	31.4	8	1.04	530	0.318	8.52	0.934	2.68	1.9	34.7	56	1.4	14.0	5.7	0.3	<1	10
1045542	Drill Core	1.71	0.105	20.7	8	0.67	884	0.186	7.74	2.462	2.86	0.5	27.5	40	0.9	9.6	3.7	0.2	<1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045513	Drill Core	1.0	87.9	0.7
1045514	Drill Core	1.1	82.8	0.8
1045515	Drill Core	1.0	93.6	0.8
1045516	Drill Core	1.0	78.3	0.7
1045517	Drill Core	0.9	83.1	0.8
1045518	Drill Core	0.9	72.7	0.8
1045519	Drill Core	0.8	73.7	0.7
1045520	Drill Core	0.9	69.8	0.7
1045521	Drill Core	0.8	57.5	0.6
1045522	Drill Core	0.1	38.7	3.0
1045523	Drill Core	<0.1	41.8	3.8
1045524	Drill Core	0.9	96.5	0.8
1045525	Drill Core	0.9	89.4	0.6
1045526	Drill Core	0.9	92.3	0.7
1045527	Drill Core	1.3	80.3	0.8
1045528	Drill Core	1.3	76.3	0.7
1045529	Drill Core	0.9	80.8	0.6
1045530	Drill Core	1.1	67.8	0.7
1045531	Rock	<0.1	0.2	<0.1
1045532	Drill Core	1.0	86.2	0.6
1045533	Drill Core	1.0	78.3	0.6
1045534	Drill Core	1.5	70.8	0.5
1045535	Drill Core	1.2	76.4	0.6
1045536	Drill Core	1.1	65.5	0.7
1045537	Rock Pulp	9.8	21.6	1.0
1045538	Drill Core	1.5	78.1	1.1
1045539	Drill Core	1.1	70.2	1.0
1045540	Drill Core	1.2	90.9	0.9
1045541	Drill Core	1.2	77.5	1.0
1045542	Drill Core	0.8	65.0	0.8



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045543	Drill Core	4.87	0.186	222.3	4348	9.5	68	0.5	6.5	10.1	260	1.58	107	0.9	0.5	5.1	675	0.2	7.7	0.1
1045544	Drill Core	5.45	0.262	277.0	5392	8.8	39	0.5	7.4	10.9	188	1.64	23	0.8	0.2	4.5	958	<0.1	1.3	0.2
1045545	Drill Core	5.44	0.392	327.4	8073	34.2	105	0.7	11.0	12.4	316	2.58	78	1.3	0.4	4.4	637	0.5	1.3	0.2
1045546	Drill Core	4.58	0.481	421.4	8144	16.3	240	0.9	9.9	15.0	405	2.00	1206	1.0	0.5	4.0	597	0.7	151.9	0.2
1045547	Drill Core	3.73	0.441	348.8	7889	15.8	233	0.9	10.9	17.8	451	2.23	1089	1.0	0.4	3.8	690	0.7	148.0	0.2
1045548	Drill Core	5.54	0.215	152.0	4392	9.0	44	0.6	6.1	10.1	194	1.52	26	0.9	0.2	5.2	537	0.1	1.2	0.2
1045549	Drill Core	4.80	0.203	200.4	4761	66.2	228	0.6	6.3	10.3	305	1.80	152	1.0	0.3	4.8	578	1.3	7.7	0.2
1045550	Drill Core	4.67	0.125	97.9	3790	31.9	236	0.4	6.0	6.9	240	1.40	168	1.0	0.1	5.2	1046	2.1	17.0	0.2
1045551	Drill Core	4.51	0.155	298.3	4206	334.5	1881	2.7	5.3	7.4	1553	1.95	928	2.0	<0.1	5.4	543	11.8	69.8	0.3
1045552	Drill Core	5.47	0.191	181.3	5129	93.6	542	1.2	6.9	10.5	636	2.02	931	1.0	0.3	4.8	467	3.5	52.5	0.3
1045553	Drill Core	4.89	0.206	296.1	5845	133.9	652	1.6	8.9	11.2	1174	2.22	714	1.4	0.2	6.1	381	3.1	43.4	0.5



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045543	Drill Core	2.06	0.092	18.9	7	0.65	1130	0.150	7.68	2.515	3.23	0.4	15.6	36	0.9	7.9	3.6	0.3	<1	4
1045544	Drill Core	2.13	0.093	18.4	7	0.58	645	0.162	7.50	2.648	3.15	0.4	17.8	36	0.9	8.3	4.0	0.2	<1	5
1045545	Drill Core	2.71	0.128	19.7	11	0.84	628	0.231	7.63	2.256	2.55	0.3	26.2	40	1.0	11.5	5.4	0.4	<1	6
1045546	Drill Core	2.50	0.126	16.1	8	0.78	372	0.242	8.07	1.526	2.25	0.9	26.3	33	1.1	9.7	5.4	0.3	<1	6
1045547	Drill Core	2.76	0.123	15.7	8	0.85	407	0.222	7.72	1.446	2.24	0.7	27.1	31	1.1	10.4	5.3	0.3	<1	6
1045548	Drill Core	2.30	0.092	16.7	7	0.61	502	0.152	7.67	3.420	1.97	0.4	16.3	33	0.9	10.0	4.3	0.3	<1	4
1045549	Drill Core	2.03	0.096	19.8	6	0.62	703	0.176	7.84	3.167	2.39	0.5	14.6	37	0.9	8.9	4.5	0.3	<1	5
1045550	Drill Core	1.89	0.101	18.1	7	0.59	640	0.164	7.65	2.880	2.49	0.9	15.5	36	1.0	8.4	4.2	0.3	<1	4
1045551	Drill Core	2.33	0.112	21.6	7	0.73	610	0.166	7.02	1.318	2.96	1.6	11.0	42	0.8	10.4	5.2	0.3	<1	4
1045552	Drill Core	2.76	0.093	14.4	7	0.89	736	0.166	7.49	1.409	3.10	1.3	12.6	29	1.0	7.7	4.2	0.3	<1	4
1045553	Drill Core	2.61	0.143	22.1	8	0.82	599	0.191	7.49	1.190	3.38	1.4	11.7	43	0.9	11.5	5.7	0.3	<1	5



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Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

SMI11000526.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045543	Drill Core	0.7	69.9	0.6
1045544	Drill Core	1.1	66.7	0.6
1045545	Drill Core	1.1	63.5	0.8
1045546	Drill Core	1.0	61.8	0.8
1045547	Drill Core	1.1	62.8	0.7
1045548	Drill Core	1.0	52.0	0.6
1045549	Drill Core	0.8	57.2	0.5
1045550	Drill Core	0.5	62.0	0.6
1045551	Drill Core	0.7	91.7	0.4
1045552	Drill Core	0.8	81.9	0.5
1045553	Drill Core	1.1	92.1	0.4



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Poplar Drilling

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Part 1

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045425	Drill Core	4.06	0.045	160.0	2176	13.8	71	0.6	22.8	19.7	378	2.32	36	1.4	<0.1	3.6	583	0.2	0.8	0.1	93
REP 1045425	QC	0.043																			
1045443	Drill Core	6.27	0.065	131.9	3242	11.2	76	0.8	30.4	26.7	269	3.55	2	1.4	<0.1	4.6	589	0.3	0.2	0.1	119
REP 1045443	QC	131.1		3146	10.6	77	0.8	30.4	26.0	255	3.47	2	1.4	<0.1	4.2	563	0.2	0.2	0.1	115	
REP 1045452	QC	<0.005																			
1045458	Drill Core	5.28	0.052	184.1	2135	27.4	101	1.0	61.1	11.5	912	2.12	86	1.6	<0.1	7.9	390	0.3	35.2	0.1	133
REP 1045458	QC	184.4		2143	26.3	99	1.0	61.2	12.2	954	2.17	87	1.5	<0.1	7.9	400	0.3	34.8	0.1	142	
1045490	Drill Core	4.59	0.092	261.0	2700	624.3	801	2.0	4.3	12.4	1046	1.50	423	2.4	0.1	5.3	528	6.2	24.1	0.2	44
REP 1045490	QC	0.073																			
1045505	Drill Core	5.27	0.089	122.4	3036	119.4	251	9.2	4.6	12.3	2081	1.63	376	1.2	<0.1	5.4	713	1.6	35.1	0.1	36
REP 1045505	QC	125.6		3045	123.3	256	4.4	4.6	13.1	2073	1.66	371	1.4	<0.1	5.7	694	1.9	35.0	<0.1	36	
1045506	Drill Core	4.53	0.193	109.3	7182	106.3	340	7.3	6.2	16.9	3093	2.39	423	1.1	0.2	5.3	648	1.9	23.3	0.2	42
REP 1045506	QC	0.204																			
1045551	Drill Core	4.51	0.155	298.3	4206	334.5	1881	2.7	5.3	7.4	1553	1.95	928	2.0	<0.1	5.4	543	11.8	69.8	0.3	36
REP 1045551	QC	304.3		4229	326.4	1882	2.7	5.6	7.8	1560	1.93	1033	2.0	0.1	5.3	525	12.1	67.5	0.3	36	
Core Reject Duplicates																					
1045452	Rock	0.69	0.008	0.4	10.8	0.2	<1	<0.1	<0.1	<0.2	21	<0.01	<1	1.5	<0.1	<0.1	4193	<0.1	<0.1	<0.1	2
DUP 1045452	QC	<0.005		0.2	6.5	0.2	<1	<0.1	0.9	<0.2	20	0.01	<1	1.3	<0.1	<0.1	4076	<0.1	<0.1	<0.1	1
1045487	Drill Core	4.70	0.057	267.1	2342	34.1	89	1.2	3.6	8.4	456	1.23	596	1.3	<0.1	5.1	900	0.6	11.6	0.1	47
DUP 1045487	QC	0.059		250.1	2286	35.0	87	0.8	4.0	9.5	431	1.21	572	1.4	<0.1	5.2	850	0.6	11.5	0.3	45
1045522	Drill Core	4.16	0.007	6.3	179.8	16.9	115	0.2	92.5	24.6	1058	4.59	26	1.5	<0.1	2.4	252	0.4	1.2	<0.1	147
DUP 1045522	QC	0.006		5.2	197.4	15.2	121	<0.1	94.3	26.2	1057	4.71	30	1.0	<0.1	2.3	237	0.4	1.5	<0.1	154
Reference Materials																					
STD OREAS24P	Standard	1.4		52.9	3.0	111	<0.1	148.0	49.4	1155	7.43	2	0.7	<0.1	3.1	362	<0.1	<0.1	<0.1	162	
STD OREAS24P	Standard	2.3		60.8	3.4	117	<0.1	147.3	46.1	1173	7.68	2	0.8	<0.1	3.3	386	0.1	0.3	<0.1	161	
STD OREAS24P	Standard	1.5		52.0	2.8	116	0.2	137.9	42.5	1106	7.38	3	0.7	<0.1	2.9	385	0.1	<0.1	<0.1	164	
STD OREAS24P	Standard	1.3		56.4	2.9	117	<0.1	148.0	46.7	1118	7.67	2	0.7	<0.1	2.9	374	0.1	<0.1	<0.1	165	
STD OREAS45C	Standard	2.7		613.9	27.7	84	0.3	347.2	103.1	1215	18.77	12	2.5	<0.1	12.0	34	0.2	1.0	0.3	271	



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Report Date: November 03, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																					
1045425	Drill Core	2.18	0.129	17.8	27	1.31	557	0.198	7.36	1.656	2.08	0.4	41.8	33	0.9	10.2	2.0	0.1	2	9	106.4
REP 1045425	QC																				
1045443	Drill Core	2.96	0.140	26.3	42	1.79	479	0.367	7.73	2.997	2.10	0.3	45.4	50	1.4	12.6	6.2	0.4	1	12	13.1
REP 1045443	QC	2.81	0.136	23.0	38	1.74	458	0.354	7.55	2.943	1.98	0.3	44.7	44	1.3	11.9	6.0	0.4	<1	11	13.0
REP 1045452	QC																				
1045458	Drill Core	2.85	0.061	27.9	66	1.20	856	0.252	8.05	0.036	1.46	2.9	27.3	56	0.9	10.5	3.6	0.3	2	16	72.3
REP 1045458	QC	2.94	0.064	27.9	64	1.24	885	0.275	8.09	0.038	1.48	3.1	26.0	56	1.0	10.5	4.0	0.3	2	17	73.3
1045490	Drill Core	2.17	0.100	24.1	4	0.69	970	0.152	7.55	1.301	3.16	1.0	23.8	44	0.8	7.7	3.2	0.2	1	4	324.3
REP 1045490	QC																				
1045505	Drill Core	2.39	0.094	28.8	3	0.75	799	0.130	7.82	0.638	2.86	1.2	18.9	53	0.7	8.1	3.1	0.2	1	4	102.2
REP 1045505	QC	2.38	0.092	30.8	2	0.76	846	0.128	7.90	0.614	3.05	1.3	19.2	55	0.7	8.5	3.2	0.2	2	4	105.2
1045506	Drill Core	2.34	0.093	21.8	4	0.76	226	0.134	7.92	0.219	2.94	0.9	18.4	43	1.1	7.5	3.4	0.2	2	4	192.1
REP 1045506	QC																				
1045551	Drill Core	2.33	0.112	21.6	7	0.73	610	0.166	7.02	1.318	2.96	1.6	11.0	42	0.8	10.4	5.2	0.3	<1	4	116.7
REP 1045551	QC	2.32	0.114	22.2	7	0.73	620	0.161	7.03	1.296	2.95	1.5	11.2	42	0.9	10.1	5.1	0.4	<1	4	112.5
Core Reject Duplicates																					
1045452	Rock	38.51	0.004	0.5	<1	1.55	8	<0.001	0.03	0.010	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.2
DUP 1045452	QC	32.07	0.004	0.4	<1	1.76	9	0.004	0.03	0.006	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1	0.2
1045487	Drill Core	2.20	0.103	38.9	2	0.67	1303	0.127	7.66	0.786	2.95	0.4	20.9	77	0.5	9.1	2.2	0.1	2	4	786.0
DUP 1045487	QC	1.95	0.101	38.5	3	0.64	1113	0.141	7.88	0.715	2.63	0.8	22.3	70	0.7	8.3	2.5	0.2	2	4	692.4
1045522	Drill Core	6.56	0.136	23.8	176	2.56	867	0.563	7.06	0.385	1.35	0.6	120.5	45	0.9	21.1	7.1	0.4	1	19	49.8
DUP 1045522	QC	6.64	0.137	21.8	179	2.61	757	0.598	7.55	0.377	1.34	0.6	135.0	44	1.1	20.8	7.1	0.4	<1	19	50.0
Reference Materials																					
STD OREAS24P	Standard	5.96	0.141	19.0	170	4.01	272	1.091	7.34	2.345	0.67	0.4	128.9	36	1.5	21.0	18.7	1.1	<1	20	8.3
STD OREAS24P	Standard	5.89	0.151	19.6	195	4.09	276	1.148	7.64	2.491	0.69	0.4	137.3	37	1.7	22.1	19.8	1.1	1	20	7.2
STD OREAS24P	Standard	5.54	0.130	18.0	182	4.24	281	1.079	7.80	2.601	0.67	0.4	132.2	38	1.6	21.9	18.5	1.2	<1	19	9.1
STD OREAS24P	Standard	5.81	0.141	18.6	184	4.17	288	1.162	8.10	2.538	0.70	0.5	133.7	37	1.7	21.3	19.3	1.1	<1	21	7.7
STD OREAS45C	Standard	0.49	0.053	27.5	893	0.27	283	1.268	7.39	0.110	0.36	1.1	175.4	53	3.2	14.3	23.3	1.5	<1	61	16.2



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045425	Drill Core	1.0	47.6	1.1
REP 1045425	QC			
1045443	Drill Core	1.8	82.4	1.1
REP 1045443	QC	1.7	71.6	1.1
REP 1045452	QC			
1045458	Drill Core	0.6	51.8	0.7
REP 1045458	QC	0.6	50.8	0.8
1045490	Drill Core	0.7	80.3	0.8
REP 1045490	QC			
1045505	Drill Core	0.7	87.4	0.7
REP 1045505	QC	0.7	95.9	0.7
1045506	Drill Core	1.1	101.1	0.8
REP 1045506	QC			
1045551	Drill Core	0.7	91.7	0.4
REP 1045551	QC	0.7	88.1	0.5
Core Reject Duplicates				
1045452	Rock	<0.1	<0.1	<0.1
DUP 1045452	QC	0.2	<0.1	<0.1
1045487	Drill Core	0.5	73.7	0.8
DUP 1045487	QC	0.5	66.1	0.7
1045522	Drill Core	0.1	38.7	3.0
DUP 1045522	QC	0.1	42.2	3.4
Reference Materials				
STD OREAS24P	Standard	<0.1	20.4	3.3
STD OREAS24P	Standard	<0.1	21.8	3.4
STD OREAS24P	Standard	<0.1	20.5	3.7
STD OREAS24P	Standard	<0.1	21.9	3.4
STD OREAS45C	Standard	<0.1	25.0	4.4



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.7	617.5	27.6	86	0.3	348.4	106.5	1212	19.62	13	2.5	<0.1	12.0	32	0.1	1.1	0.2	281
STD OREAS45C	Standard			2.5	654.4	24.6	88	0.4	347.7	103.3	1186	18.81	13	2.2	<0.1	11.3	43	<0.1	0.9	0.2	272
STD OREAS45C	Standard			1.9	625.3	25.3	86	0.1	361.4	104.2	1196	17.86	13	2.3	<0.1	10.3	32	0.3	0.9	0.2	271
STD OXH82	Standard		1.286																		
STD OXH82	Standard		1.228																		
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.313																		
STD OXH82	Standard		1.287																		
STD OXH82	Standard		1.236																		
STD OXK79	Standard		3.611																		
STD OXK79	Standard		3.551																		
STD OXK79	Standard		3.609																		
STD OXK79	Standard		3.640																		
STD OXK79	Standard		3.449																		
STD OXK79	Standard		3.566																		
STD OXK79	Standard		3.643																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.50	0.054	28.6	968	0.26	290	1.280	7.58	0.106	0.36	1.4	169.0	53	3.3	13.0	23.8	1.6	1	63	16.3
STD OREAS45C	Standard	0.53	0.052	26.7	922	0.26	282	1.166	7.43	0.097	0.38	1.2	172.1	53	2.7	13.3	23.2	1.4	1	61	17.1
STD OREAS45C	Standard	0.48	0.054	26.6	983	0.28	285	1.272	7.56	0.115	0.37	1.1	163.5	51	3.3	12.5	22.4	1.5	<1	61	15.4
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
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STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 03, 2011

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QUALITY CONTROL REPORT

SMI11000526.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	24.6	4.5
STD OREAS45C	Standard	<0.1	25.2	4.5
STD OREAS45C	Standard	<0.1	23.2	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
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BLK	Blank			
BLK	Blank			
BLK	Blank			



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Report Date: November 03, 2011

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QUALITY CONTROL REPORT

SMI11000526.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.2	2.5	21.2	54	<0.1	4.1	5.6	772	2.35	<1	2.8	<0.1	8.5	652	<0.1	<0.1	0.1	50
G1	Prep Blank	<0.005	0.2	1.9	20.3	53	<0.1	4.1	5.4	743	2.31	<1	3.7	<0.1	8.9	685	<0.1	<0.1	0.2	50



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QUALITY CONTROL REPORT

SMI11000526.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.34	0.080	22.2	4	0.58	850	0.251	6.79	2.651	2.92	0.2	11.5	46	1.8	14.1	29.1	1.7	3	5	38.1
G1	Prep Blank	2.42	0.091	24.6	5	0.63	901	0.250	7.36	2.785	3.02	0.2	10.6	50	1.7	14.0	27.2	1.6	4	5	38.8



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Report Date: November 03, 2011

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QUALITY CONTROL REPORT

SMI11000526.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	98.0	0.6
G1	Prep Blank	<0.1	106.9	0.6



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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: October 03, 2011
Report Date: January 12, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000526.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_7&8
P.O. Number
Number of Samples: 131

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
Blair McIntyre

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	125	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	131	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	131	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 12, 2012

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045423	Drill Core	3.56	0.066	176.4	2817	17.4	51	1.0	44.9	15.0	383	2.15	15	1.5	<0.1	8.3	1303	0.3	1.7	0.2
1045424	Drill Core	5.45	0.045	171.0	2147	144.6	383	2.8	34.8	17.5	2000	2.36	98	1.9	<0.1	8.5	492	2.9	9.3	0.2
1045425	Drill Core	4.06	0.045	160.0	2176	13.8	71	0.6	22.8	19.7	378	2.32	36	1.4	<0.1	3.6	583	0.2	0.8	0.1
1045426	Drill Core	5.08	0.041	66.4	2171	15.1	66	1.0	22.0	26.4	319	3.50	6	1.1	<0.1	4.0	551	0.2	0.7	0.1
1045427	Drill Core	5.00	0.069	143.5	2527	28.7	61	1.5	24.5	24.3	588	2.94	305	1.4	<0.1	4.2	521	0.1	20.8	0.1
1045428	Rock Pulp	0.15	0.415	138.2	3808	30.7	69	2.3	40.1	21.9	416	4.76	47	1.3	0.3	3.1	233	0.4	4.5	0.5
1045429	Drill Core	5.79	0.077	188.8	3047	16.6	54	3.0	17.3	18.0	1949	2.88	17	1.7	<0.1	5.2	1188	<0.1	1.5	0.2
1045430	Drill Core	5.61	0.043	175.0	2060	11.7	49	0.7	16.1	22.4	330	2.42	8	1.2	<0.1	4.1	504	0.2	0.6	0.1
1045431	Drill Core	6.51	0.060	706.1	2282	13.6	40	0.8	13.4	13.2	286	1.50	10	1.9	<0.1	4.0	661	<0.1	0.7	0.1
1045432	Drill Core	5.14	0.049	152.8	2063	27.0	67	1.0	33.5	19.4	227	2.37	17	1.3	<0.1	5.0	461	0.3	0.4	<0.1
1045433	Rock	0.57	<0.005	3.3	12.8	1.5	1	<0.1	<0.1	<0.2	29	0.02	2	1.8	<0.1	<0.1	4394	<0.1	<0.1	<0.1
1045434	Drill Core	5.89	0.049	102.5	2270	12.3	50	0.6	28.7	18.8	225	2.56	2	1.4	<0.1	4.9	415	0.3	0.4	0.1
1045435	Drill Core	6.04	0.073	93.7	3111	11.3	60	0.9	29.2	30.0	231	3.42	2	1.3	<0.1	3.9	455	0.2	0.2	0.1
1045436	Drill Core	4.84	0.070	170.6	3096	10.3	57	0.8	29.1	23.4	257	2.97	2	1.3	<0.1	4.3	502	0.3	0.4	<0.1
1045437	Drill Core	3.77	0.068	163.8	3165	10.0	57	0.9	31.3	25.9	261	3.05	3	1.5	<0.1	4.6	567	0.3	0.5	0.1
1045438	Drill Core	5.76	0.052	150.2	2169	8.5	50	0.5	23.0	17.2	243	2.53	1	1.6	<0.1	4.7	529	0.3	0.4	<0.1
1045439	Drill Core	5.81	0.092	168.1	3742	10.4	58	0.9	29.7	20.8	253	2.96	1	1.3	<0.1	4.4	497	0.2	0.4	0.1
1045440	Drill Core	4.68	0.082	65.4	3417	9.7	60	0.9	26.5	20.4	259	2.90	2	1.2	<0.1	4.2	470	0.3	0.4	0.1
1045441	Drill Core	5.39	0.072	196.2	3163	11.3	56	0.8	26.4	20.0	242	2.47	1	1.4	<0.1	4.6	514	0.2	0.3	0.1
1045442	Drill Core	5.18	0.056	118.6	2832	11.1	61	0.8	26.5	25.2	247	3.09	2	1.3	<0.1	4.6	522	0.3	0.2	0.1
1045443	Drill Core	6.27	0.065	131.9	3242	11.2	76	0.8	30.4	26.7	269	3.55	2	1.4	<0.1	4.6	589	0.3	0.2	0.1
1045444	Rock Pulp	0.11	0.847	21.3	5072	6323	>10000	67.4	44.1	18.8	520	8.94	444	2.3	0.9	2.4	148	248.1	107.2	29.9
1045445	Drill Core	5.49	0.105	143.0	4250	21.4	98	1.2	25.7	17.7	229	2.54	2	1.1	0.2	4.2	595	0.6	0.6	0.2
1045446	Drill Core	4.94	0.023	152.1	971.3	10.5	44	0.3	15.3	8.8	197	1.72	1	1.2	<0.1	4.1	435	<0.1	0.2	<0.1
1045447	Drill Core	4.68	0.082	438.7	2950	11.7	43	1.2	20.1	11.2	327	2.05	29	1.2	<0.1	4.2	365	<0.1	1.3	<0.1
1045448	Drill Core	5.23	0.071	154.0	2743	16.1	62	0.7	22.1	14.3	249	2.05	7	1.3	<0.1	4.4	427	0.3	0.6	0.1
1045449	Drill Core	4.91	0.089	66.5	3510	14.4	59	0.8	24.3	14.4	215	2.34	2	1.3	<0.1	3.9	937	0.4	0.5	0.1
1045450	Drill Core	5.22	0.085	35.4	2974	13.4	59	1.1	24.7	14.9	284	2.58	5	1.3	<0.1	4.0	563	0.2	0.6	0.1
1045451	Drill Core	4.12	0.090	98.9	3574	43.5	59	2.3	40.2	18.9	448	2.60	6	1.8	0.1	4.2	758	0.3	0.6	0.1
1045452	Rock	0.69	0.008	0.4	10.8	0.2	<1	<0.1	<0.1	<0.2	21	<0.01	<1	1.5	<0.1	<0.1	4193	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045423	Drill Core	1.68	0.055	28.3	55	1.11	1323	0.215	7.16	1.711	3.32	0.5	36.3	52	1.3	8.4	3.2	0.2	2	13
1045424	Drill Core	2.44	0.091	30.7	32	1.20	685	0.212	8.00	0.227	2.49	1.3	50.1	55	0.9	11.1	3.1	0.2	2	12
1045425	Drill Core	2.18	0.129	17.8	27	1.31	557	0.198	7.36	1.656	2.08	0.4	41.8	33	0.9	10.2	2.0	0.1	2	9
1045426	Drill Core	2.67	0.126	18.5	38	1.38	405	0.264	7.47	2.373	1.79	0.3	32.4	34	1.0	10.7	3.8	0.2	1	10
1045427	Drill Core	3.25	0.121	21.2	28	1.32	351	0.270	7.18	0.585	1.53	0.6	33.8	41	0.9	10.0	4.5	0.3	2	9
1045428	Rock Pulp	0.40	0.114	18.2	61	1.08	506	0.286	7.62	1.572	4.19	14.8	28.2	32	2.5	11.7	3.1	0.2	1	17
1045429	Drill Core	3.11	0.111	25.9	19	1.08	444	0.237	6.96	1.757	2.64	1.2	21.4	46	0.9	11.5	5.3	0.4	1	7
1045430	Drill Core	4.28	0.125	32.1	22	1.13	212	0.227	7.01	2.568	2.29	0.3	38.0	58	0.9	15.7	3.3	0.2	1	8
1045431	Drill Core	6.70	0.090	67.0	14	0.89	55	0.188	5.93	1.784	2.36	0.5	34.5	109	1.0	23.9	2.9	0.1	<1	7
1045432	Drill Core	2.65	0.099	17.7	50	1.31	367	0.293	7.37	3.211	1.64	0.3	37.9	33	1.1	9.9	4.0	0.3	1	12
1045433	Rock	38.25	0.005	1.2	<1	1.52	15	0.001	0.08	0.021	0.03	<0.1	0.8	<1	<0.1	0.4	0.1	<0.1	<1	<1
1045434	Drill Core	2.84	0.121	20.8	43	1.42	411	0.300	7.74	3.058	1.79	0.3	42.1	41	1.3	12.2	4.2	0.3	1	11
1045435	Drill Core	2.90	0.140	16.7	34	1.63	352	0.323	7.22	2.979	1.68	0.2	46.0	34	1.3	11.1	4.9	0.3	1	10
1045436	Drill Core	3.29	0.148	27.4	36	1.64	479	0.307	7.18	2.556	1.94	0.4	43.6	51	1.4	12.7	4.4	0.3	1	11
1045437	Drill Core	3.59	0.151	33.1	37	1.70	522	0.320	7.39	2.669	2.08	0.4	45.8	59	1.3	14.6	4.2	0.3	1	11
1045438	Drill Core	3.34	0.147	35.5	34	1.79	486	0.336	7.53	2.804	2.32	0.4	44.2	64	1.3	14.0	5.1	0.3	1	12
1045439	Drill Core	3.34	0.139	29.8	40	1.69	479	0.326	7.44	2.727	2.30	0.4	42.7	54	1.3	14.4	5.2	0.3	1	11
1045440	Drill Core	3.32	0.146	22.3	34	1.66	458	0.345	7.39	2.726	2.00	0.3	42.3	43	1.2	12.5	5.9	0.3	1	11
1045441	Drill Core	3.69	0.127	31.9	35	1.53	569	0.315	7.49	2.646	2.33	0.4	43.4	57	1.1	13.2	5.0	0.3	1	10
1045442	Drill Core	2.88	0.132	18.9	35	1.72	464	0.340	8.10	3.197	2.04	0.4	49.1	41	1.2	13.4	5.3	0.3	1	11
1045443	Drill Core	2.96	0.140	26.3	42	1.79	479	0.367	7.73	2.997	2.10	0.3	45.4	50	1.4	12.6	6.2	0.4	1	12
1045444	Rock Pulp	1.75	0.048	10.8	28	0.90	50	0.171	3.77	1.221	0.69	1.3	29.8	23	54.1	10.2	4.2	0.2	<1	8
1045445	Drill Core	3.63	0.137	25.7	38	1.52	485	0.318	7.09	2.628	2.07	0.5	40.3	51	1.3	14.3	4.9	0.3	1	10
1045446	Drill Core	3.64	0.116	32.5	24	1.32	507	0.288	6.90	2.610	2.31	0.6	33.8	58	0.8	14.5	4.0	0.3	1	9
1045447	Drill Core	3.94	0.108	51.1	22	1.32	722	0.263	6.84	1.342	2.37	0.7	28.9	90	0.8	13.7	3.8	0.2	<1	8
1045448	Drill Core	3.11	0.137	24.8	22	1.29	521	0.302	7.73	2.219	2.16	0.5	43.6	46	1.0	11.9	4.1	0.2	1	9
1045449	Drill Core	2.97	0.129	21.7	23	1.38	463	0.312	7.16	2.796	1.75	0.4	44.7	44	1.3	11.4	5.3	0.3	1	9
1045450	Drill Core	2.81	0.135	22.6	29	1.38	455	0.348	7.66	2.389	1.88	0.4	44.1	45	1.2	12.9	5.9	0.4	1	10
1045451	Drill Core	3.01	0.125	29.1	35	1.37	385	0.310	7.54	2.377	1.83	0.6	50.3	56	1.4	14.2	5.0	0.3	1	11
1045452	Rock	38.51	0.004	0.5	<1	1.55	8	<0.001	0.03	0.010	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045423	Drill Core	1.0	79.6	1.0
1045424	Drill Core	0.9	98.3	1.4
1045425	Drill Core	1.0	47.6	1.1
1045426	Drill Core	1.7	63.3	0.9
1045427	Drill Core	0.9	46.7	0.9
1045428	Rock Pulp	2.2	79.7	0.8
1045429	Drill Core	1.6	74.0	0.6
1045430	Drill Core	2.9	61.7	1.0
1045431	Drill Core	4.7	68.7	0.9
1045432	Drill Core	1.1	55.0	1.1
1045433	Rock	<0.1	0.3	<0.1
1045434	Drill Core	1.5	53.0	1.1
1045435	Drill Core	2.0	48.6	1.2
1045436	Drill Core	2.2	55.4	1.1
1045437	Drill Core	2.4	73.3	1.2
1045438	Drill Core	1.9	74.5	1.1
1045439	Drill Core	2.2	75.8	1.1
1045440	Drill Core	1.9	60.1	1.1
1045441	Drill Core	2.1	70.7	1.2
1045442	Drill Core	1.7	71.4	1.2
1045443	Drill Core	1.8	82.4	1.1
1045444	Rock Pulp	9.5	21.4	1.0
1045445	Drill Core	2.0	67.0	1.1
1045446	Drill Core	1.8	65.4	0.9
1045447	Drill Core	0.6	63.4	0.8
1045448	Drill Core	1.0	64.3	1.3
1045449	Drill Core	1.0	59.5	1.2
1045450	Drill Core	0.7	72.9	1.3
1045451	Drill Core	1.3	78.6	1.5
1045452	Rock	<0.1	<0.1	<0.1



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045453	Drill Core	4.14	0.061	119.6	2436	323.3	200	4.4	57.6	17.3	920	2.57	13	1.1	<0.1	5.6	177	1.3	2.8	0.2
1045454	Drill Core	5.24	0.076	180.5	3463	28.7	111	1.3	86.1	24.2	409	3.08	6	1.5	<0.1	7.1	204	0.8	1.0	0.2
1045455	Drill Core	6.04	0.069	132.4	3006	12.4	51	1.0	73.7	16.0	373	2.81	4	1.4	<0.1	6.8	167	0.3	2.0	0.2
1045456	Drill Core	4.42	0.091	360.7	3646	12.7	52	1.2	71.1	14.4	531	2.32	15	1.5	0.1	7.5	114	<0.1	5.5	0.1
1045457	Drill Core	3.20	0.106	258.5	4173	13.5	56	1.2	77.8	15.5	549	2.44	13	1.4	0.1	7.9	119	0.3	4.7	0.1
1045458	Drill Core	5.28	0.052	184.1	2135	27.4	101	1.0	61.1	11.5	912	2.12	86	1.6	<0.1	7.9	390	0.3	35.2	0.1
1045459	Drill Core	5.59	0.064	492.3	2712	173.7	308	5.5	47.4	13.3	668	2.28	137	1.3	<0.1	5.7	284	1.4	100.8	0.2
1045460	Drill Core	4.56	0.044	131.6	1994	13.2	52	0.9	55.8	11.9	433	2.36	5	1.0	<0.1	5.3	147	0.2	2.1	0.2
1045461	Drill Core	4.50	0.065	180.8	3048	24.5	105	1.3	55.7	16.3	382	2.49	9	1.3	<0.1	7.3	99	0.5	3.1	0.2
1045462	Drill Core	5.28	0.081	192.2	3933	13.9	57	1.1	61.6	15.4	347	2.56	11	1.7	0.1	8.3	101	0.7	3.1	0.2
1045463	Drill Core	4.96	0.072	237.5	3367	39.1	81	2.0	48.9	16.5	719	2.73	118	1.6	0.3	7.4	220	0.3	25.1	0.2
1045464	Drill Core	5.22	0.067	116.3	3455	81.8	315	4.2	8.2	15.1	1948	2.17	1109	1.4	<0.1	5.3	943	1.7	67.6	0.3
1045465	Rock Pulp	0.10	0.477	162.2	4024	31.7	77	2.9	44.1	21.8	496	5.13	52	1.4	0.4	3.3	267	<0.1	4.1	0.5
1045466	Drill Core	5.05	0.085	97.3	3446	53.0	119	1.9	7.2	16.8	1320	2.09	953	1.6	<0.1	5.7	790	0.5	16.1	0.3
1045467	Drill Core	5.38	0.075	138.4	2703	653.7	518	7.4	6.3	14.5	1797	1.75	867	1.4	<0.1	4.8	698	3.4	89.1	0.3
1045468	Drill Core	5.87	0.069	195.5	3130	19.4	172	2.1	5.3	18.3	715	1.87	990	1.4	0.1	5.8	1051	1.1	38.9	0.2
1045469	Drill Core	4.94	0.050	139.0	2268	414.9	318	2.9	4.9	16.5	2785	2.18	764	1.5	<0.1	5.1	585	1.6	35.0	0.2
1045470	Drill Core	5.72	0.086	126.2	3966	80.9	205	2.9	4.7	15.6	1842	2.02	1071	1.6	<0.1	5.8	490	0.9	26.0	0.2
1045471	Drill Core	4.14	0.058	220.8	2821	92.0	167	2.3	3.5	23.5	1223	2.40	819	1.5	<0.1	5.0	710	0.9	29.4	0.2
1045472	Drill Core	5.29	0.065	93.1	2716	53.3	139	2.0	4.1	22.0	782	2.36	662	1.6	<0.1	4.9	692	0.7	23.5	0.2
1045473	Drill Core	4.71	0.038	163.1	1726	21.4	67	0.7	2.8	15.3	395	1.79	453	1.5	<0.1	5.1	637	0.5	7.6	0.2
1045474	Drill Core	4.69	0.075	226.9	3268	33.6	122	1.7	4.8	19.1	477	1.84	616	1.5	<0.1	4.9	715	0.5	15.6	0.2
1045475	Rock	0.72	<0.005	0.5	6.9	<0.1	<1	<0.1	0.7	<0.2	25	<0.01	<1	1.3	<0.1	<0.1	4102	<0.1	<0.1	<0.1
1045476	Drill Core	4.85	0.103	358.9	4485	15.4	100	1.4	7.2	20.1	402	1.83	798	1.1	0.1	4.5	861	0.7	22.2	<0.1
1045477	Drill Core	5.67	0.054	237.6	3210	42.1	182	1.8	6.2	23.2	542	1.54	1020	1.4	<0.1	4.8	1233	1.2	93.1	<0.1
1045478	Drill Core	5.02	0.049	217.8	2261	18.3	53	0.9	3.9	20.5	319	1.63	467	1.2	<0.1	5.0	1093	0.4	6.2	0.2
1045479	Drill Core	3.16	0.047	256.0	1997	17.0	45	0.6	3.7	18.8	312	1.58	425	1.2	<0.1	5.1	2037	0.3	5.0	0.2
1045480	Drill Core	4.95	0.043	99.8	2017	16.7	46	0.7	5.0	20.7	265	1.90	41	1.2	<0.1	5.1	1909	0.3	0.5	0.1
1045481	Drill Core	5.04	0.048	228.9	1768	16.7	58	0.8	7.2	12.6	397	1.42	329	1.3	<0.1	5.1	817	0.3	6.4	0.1
1045482	Drill Core	2.65	0.056	334.7	2202	22.5	100	1.1	4.4	12.8	458	1.46	551	1.2	<0.1	5.2	928	0.8	17.5	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045453	Drill Core	2.62	0.065	18.1	63	1.35	550	0.276	7.26	1.459	2.65	0.9	28.0	38	1.2	10.0	4.1	0.2	<1	14
1045454	Drill Core	1.49	0.071	28.2	71	1.19	149	0.234	8.09	1.867	4.28	1.1	23.7	58	1.6	11.5	4.0	0.3	1	15
1045455	Drill Core	1.93	0.071	24.5	67	1.26	426	0.276	7.76	1.289	3.71	1.0	20.9	50	1.7	11.5	4.4	0.3	2	16
1045456	Drill Core	2.65	0.079	32.6	73	1.29	795	0.309	8.02	0.136	2.66	2.4	24.2	64	1.2	13.3	3.9	0.3	1	17
1045457	Drill Core	2.91	0.072	31.0	67	1.28	866	0.300	8.14	0.152	2.75	3.4	24.8	61	1.2	12.5	4.2	0.2	2	17
1045458	Drill Core	2.85	0.061	27.9	66	1.20	856	0.252	8.05	0.036	1.46	2.9	27.3	56	0.9	10.5	3.6	0.3	2	16
1045459	Drill Core	3.27	0.063	37.3	52	1.43	348	0.226	6.93	0.218	2.31	6.6	15.0	68	1.2	10.9	3.0	0.2	2	14
1045460	Drill Core	1.92	0.056	24.1	61	1.25	1048	0.274	7.22	1.097	3.40	1.0	13.8	48	1.1	11.1	3.7	0.2	2	14
1045461	Drill Core	2.68	0.068	37.0	71	1.22	689	0.231	7.87	0.165	2.69	6.5	24.2	71	1.7	11.5	2.7	0.2	2	15
1045462	Drill Core	2.46	0.078	36.5	72	1.24	923	0.288	8.32	0.130	2.70	10.1	32.1	70	1.7	13.4	4.9	0.3	2	15
1045463	Drill Core	2.77	0.090	34.7	55	1.20	291	0.229	7.96	0.050	1.91	8.7	36.7	67	1.6	11.6	3.4	0.2	2	14
1045464	Drill Core	1.91	0.086	20.7	3	0.76	646	0.079	7.51	0.045	3.20	1.5	35.5	42	1.5	7.7	2.3	0.1	2	4
1045465	Rock Pulp	0.47	0.123	18.7	67	1.16	100	0.289	7.76	1.653	6.32	14.2	28.4	37	2.5	13.7	2.9	0.2	1	17
1045466	Drill Core	1.52	0.098	22.2	2	0.56	169	0.069	7.66	0.050	3.01	1.2	37.6	46	1.3	9.0	2.0	0.1	2	4
1045467	Drill Core	1.49	0.079	22.2	3	0.67	378	0.071	7.36	0.055	3.33	1.4	32.1	46	0.9	7.0	1.9	0.1	2	4
1045468	Drill Core	1.48	0.093	35.6	3	0.64	705	0.077	7.46	0.052	2.73	1.0	31.6	71	0.8	8.6	2.4	0.2	2	4
1045469	Drill Core	1.75	0.076	25.6	3	0.73	594	0.070	7.27	0.124	2.95	1.1	28.1	51	0.7	8.2	1.6	<0.1	2	4
1045470	Drill Core	1.92	0.076	36.6	3	0.78	571	0.077	7.35	0.935	3.05	0.9	27.7	70	0.9	7.6	1.7	0.1	2	4
1045471	Drill Core	1.86	0.087	26.2	4	0.76	155	0.073	7.32	0.789	3.31	0.8	29.0	53	0.8	6.9	1.8	0.1	1	4
1045472	Drill Core	1.61	0.083	22.3	3	0.72	141	0.079	7.47	1.002	3.13	1.7	26.5	47	1.1	6.9	1.8	0.1	2	4
1045473	Drill Core	1.72	0.090	28.4	4	0.68	768	0.074	7.42	2.377	2.74	0.6	27.6	55	0.7	7.0	1.8	0.1	1	4
1045474	Drill Core	1.81	0.088	31.0	4	0.65	213	0.087	7.20	1.933	3.53	0.5	26.1	62	0.7	8.1	2.0	0.1	2	4
1045475	Rock	33.13	0.003	0.5	<1	1.86	10	<0.001	0.02	0.005	<0.01	<0.1	0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045476	Drill Core	1.96	0.090	28.0	2	0.71	327	0.123	7.18	1.219	2.88	0.6	25.3	56	0.8	8.1	2.6	0.2	2	5
1045477	Drill Core	1.73	0.083	26.2	4	0.67	577	0.116	7.36	0.153	2.47	0.7	24.6	51	0.6	7.0	2.6	0.1	2	4
1045478	Drill Core	1.75	0.081	23.2	2	0.70	845	0.087	7.49	2.116	3.11	0.4	26.2	47	0.5	7.2	1.8	0.1	2	3
1045479	Drill Core	1.83	0.082	25.2	3	0.72	370	0.086	7.49	1.979	3.19	0.4	25.7	50	0.6	7.4	1.8	0.1	1	3
1045480	Drill Core	2.08	0.097	21.5	4	0.64	334	0.132	7.59	2.726	2.77	0.5	25.3	45	0.5	9.9	2.8	0.2	1	5
1045481	Drill Core	1.75	0.081	25.1	8	0.69	949	0.098	7.31	1.535	3.33	0.6	24.1	50	0.5	7.1	1.8	0.1	2	4
1045482	Drill Core	2.15	0.093	26.0	2	0.69	1195	0.119	7.68	1.218	3.17	0.6	25.0	53	0.6	7.5	2.7	0.2	1	4



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045453	Drill Core	0.9	82.1	0.7
1045454	Drill Core	1.3	95.8	0.7
1045455	Drill Core	1.1	81.5	0.6
1045456	Drill Core	0.6	65.5	0.7
1045457	Drill Core	0.7	63.0	0.7
1045458	Drill Core	0.6	51.8	0.7
1045459	Drill Core	0.8	76.8	0.5
1045460	Drill Core	0.7	76.0	0.4
1045461	Drill Core	1.1	66.3	0.8
1045462	Drill Core	0.8	66.2	0.9
1045463	Drill Core	1.1	76.8	1.5
1045464	Drill Core	1.2	121.7	1.0
1045465	Rock Pulp	2.2	165.9	1.0
1045466	Drill Core	1.3	103.6	1.2
1045467	Drill Core	1.0	119.2	1.0
1045468	Drill Core	1.1	95.0	1.0
1045469	Drill Core	1.0	109.6	0.9
1045470	Drill Core	1.1	98.6	0.9
1045471	Drill Core	1.5	98.1	1.0
1045472	Drill Core	1.6	93.4	1.0
1045473	Drill Core	1.0	62.2	1.0
1045474	Drill Core	1.0	73.5	0.9
1045475	Rock	0.3	0.3	<0.1
1045476	Drill Core	0.9	65.1	0.7
1045477	Drill Core	0.8	69.6	1.0
1045478	Drill Core	0.9	68.6	0.9
1045479	Drill Core	0.8	70.9	1.0
1045480	Drill Core	1.0	60.7	0.9
1045481	Drill Core	0.7	75.0	0.9
1045482	Drill Core	0.7	70.9	0.8



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045483	Drill Core	2.59	0.056	310.8	2480	13.2	63	0.8	4.6	14.3	319	1.52	409	1.2	<0.1	4.5	654	0.3	3.8	0.1
1045484	Drill Core	5.12	0.071	297.6	2819	35.1	85	1.3	5.6	14.5	409	1.70	602	1.3	<0.1	5.2	679	0.8	9.8	0.1
1045485	Drill Core	4.52	0.053	242.1	2512	11.9	40	0.6	4.7	11.7	315	1.41	333	1.3	<0.1	5.5	701	0.2	1.9	<0.1
1045486	Rock Pulp	0.14	0.970	168.7	3910	54.7	138	3.4	27.0	20.8	563	5.29	70	1.3	1.3	2.7	254	0.8	8.4	0.7
1045487	Drill Core	4.70	0.057	267.1	2342	34.1	89	1.2	3.6	8.4	456	1.23	596	1.3	<0.1	5.1	900	0.6	11.6	0.1
1045488	Drill Core	5.17	0.069	222.7	2401	19.2	56	0.7	5.4	12.9	333	1.52	262	1.1	<0.1	5.5	599	0.3	2.7	0.2
1045489	Drill Core	4.46	0.076	190.0	2350	18.0	60	0.8	4.6	11.9	410	1.41	235	1.2	<0.1	5.8	568	0.1	3.8	0.2
1045490	Drill Core	4.59	0.092	261.0	2700	624.3	801	2.0	4.3	12.4	1046	1.50	423	2.4	0.1	5.3	528	6.2	24.1	0.2
1045491	Rock	0.72	<0.005	0.7	13.9	2.1	1	<0.1	<0.1	<0.2	25	0.01	<1	1.4	<0.1	<0.1	4373	<0.1	0.2	<0.1
1045492	Drill Core	4.47	0.080	165.9	3355	31.9	144	1.6	5.7	15.3	734	1.80	899	1.3	0.2	5.1	780	0.7	39.2	0.2
1045493	Drill Core	5.28	0.088	306.3	3515	34.3	137	2.3	5.5	12.6	854	1.51	781	1.3	0.1	5.1	683	0.8	25.2	0.2
1045494	Drill Core	5.20	0.098	305.9	3681	95.4	303	7.5	5.8	13.0	1218	1.54	683	1.4	0.1	5.3	619	2.4	54.4	0.2
1045495	Drill Core	4.46	0.186	440.2	4316	17.3	78	1.1	8.2	14.3	434	1.60	508	1.2	0.5	4.9	629	0.2	7.9	0.2
1045496	Drill Core	3.46	0.135	248.0	3421	15.1	67	0.9	6.9	14.1	361	1.55	473	1.3	0.1	5.0	543	0.1	6.1	0.2
1045497	Drill Core	5.35	0.158	413.0	4741	31.6	93	1.6	8.2	10.3	559	1.46	1123	1.3	0.2	4.9	748	0.4	30.1	0.2
1045498	Drill Core	5.02	0.192	482.6	4976	17.1	132	1.4	8.2	14.7	555	1.49	1186	1.3	0.2	5.4	1059	0.2	48.5	0.1
1045499	Drill Core	4.89	0.133	263.6	3190	152.5	357	4.1	7.1	13.6	1959	2.17	818	1.5	0.1	5.6	744	2.3	49.6	0.2
1045500	Drill Core	4.35	0.116	517.1	3643	79.0	499	5.1	5.4	10.4	1872	1.80	1018	1.5	<0.1	4.9	754	2.9	17.2	0.1
1045501	Drill Core	4.93	0.090	159.0	2686	24.3	64	1.3	4.4	12.8	395	1.61	105	1.3	<0.1	5.4	1671	0.1	1.8	0.1
1045502	Drill Core	4.52	0.077	239.1	2333	16.3	46	0.8	5.6	14.3	293	1.60	8	1.2	<0.1	5.3	233	0.2	0.6	<0.1
1045503	Drill Core	4.68	0.159	119.3	3500	17.5	50	1.5	6.7	14.1	431	1.74	12	1.2	0.4	5.2	231	0.2	1.2	0.1
1045504	Drill Core	4.85	0.137	167.5	3712	14.7	45	1.2	5.5	14.8	446	1.73	7	1.2	0.2	5.3	280	0.3	1.9	0.1
1045505	Drill Core	5.27	0.089	122.4	3036	119.4	251	9.2	4.6	12.3	2081	1.63	376	1.2	<0.1	5.4	713	1.6	35.1	0.1
1045506	Drill Core	4.53	0.193	109.3	7182	106.3	340	7.3	6.2	16.9	3093	2.39	423	1.1	0.2	5.3	648	1.9	23.3	0.2
1045507	Rock Pulp	0.11	0.818	23.8	5320	6548	>10000	73.4	47.0	19.8	529	9.51	332	2.4	1.0	2.5	156	264.3	115.5	29.8
1045508	Drill Core	5.57	0.162	96.3	5312	345.7	1339	25.0	6.0	17.3	4103	2.55	657	1.2	0.2	5.1	413	9.8	97.9	0.2
1045509	Drill Core	5.90	0.128	388.8	3481	190.7	896	4.4	5.2	10.3	838	1.35	1211	1.2	<0.1	5.1	765	5.5	17.7	0.2
1045510	Drill Core	6.13	0.153	207.2	4771	1281	1421	45.6	6.0	14.0	4225	2.06	854	1.2	0.2	4.9	547	11.1	153.0	0.2
1045511	Drill Core	5.41	0.205	326.6	4903	325.2	1401	4.4	6.2	11.0	708	1.48	1221	1.1	0.4	5.9	601	10.0	16.4	0.2
1045512	Rock	0.58	0.008	2.1	36.7	6.3	7	0.2	0.8	<0.2	45	0.02	3	1.5	<0.1	<0.1	3691	0.1	1.5	<0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045483	Drill Core	1.81	0.092	23.2	4	0.65	743	0.117	7.40	1.654	3.27	0.5	27.9	48	0.6	7.6	2.2	0.2	2	4
1045484	Drill Core	1.77	0.074	28.3	2	0.69	592	0.092	7.66	1.577	3.39	0.6	24.3	56	0.5	7.2	1.9	0.1	2	3
1045485	Drill Core	1.92	0.096	28.7	4	0.64	1382	0.122	7.90	1.689	3.48	0.5	21.4	59	0.4	7.9	2.3	0.1	1	4
1045486	Rock Pulp	0.50	0.115	15.7	48	0.91	68	0.250	7.63	1.306	5.96	28.3	23.5	33	2.9	13.1	3.3	0.2	2	13
1045487	Drill Core	2.20	0.103	38.9	2	0.67	1303	0.127	7.66	0.786	2.95	0.4	20.9	77	0.5	9.1	2.2	0.1	2	4
1045488	Drill Core	2.07	0.114	28.4	7	0.69	1089	0.156	9.09	1.779	3.09	0.7	24.1	53	0.7	7.9	3.0	0.2	2	5
1045489	Drill Core	1.70	0.094	28.3	3	0.63	1006	0.146	8.66	1.489	2.79	0.7	24.5	50	0.7	7.3	2.9	0.2	2	4
1045490	Drill Core	2.17	0.100	24.1	4	0.69	970	0.152	7.55	1.301	3.16	1.0	23.8	44	0.8	7.7	3.2	0.2	1	4
1045491	Rock	35.07	0.005	0.4	<1	2.05	6	0.001	0.03	0.006	0.01	<0.1	0.3	<1	<0.1	0.2	0.1	<0.1	<1	<1
1045492	Drill Core	2.33	0.089	23.1	4	0.79	489	0.139	7.78	0.302	3.04	0.8	23.0	44	0.9	6.4	3.3	0.2	2	4
1045493	Drill Core	1.91	0.087	32.7	2	0.73	822	0.136	7.78	0.301	2.87	0.9	20.9	57	0.8	6.6	2.9	0.2	2	4
1045494	Drill Core	2.15	0.089	32.5	4	0.78	754	0.124	7.34	0.255	3.14	1.1	26.1	56	0.7	7.7	2.5	0.2	1	4
1045495	Drill Core	2.18	0.108	28.0	2	0.76	704	0.135	8.70	0.726	3.04	0.7	22.9	54	0.8	7.4	2.6	0.2	2	4
1045496	Drill Core	1.98	0.097	23.9	4	0.67	478	0.116	7.47	0.648	3.21	0.6	19.9	45	0.7	6.8	2.1	0.2	2	4
1045497	Drill Core	2.02	0.099	32.2	3	0.74	407	0.122	7.06	0.089	2.72	0.8	18.8	60	0.9	7.2	2.4	0.2	1	4
1045498	Drill Core	2.20	0.109	34.7	4	0.70	306	0.141	7.72	0.086	2.45	1.0	21.5	64	0.8	7.9	2.9	0.2	1	4
1045499	Drill Core	3.23	0.093	36.5	3	1.11	355	0.125	7.30	0.048	2.55	1.2	19.9	64	0.8	9.8	2.4	0.1	1	4
1045500	Drill Core	3.00	0.102	42.7	7	0.97	419	0.141	6.82	0.159	3.12	1.1	16.1	76	0.7	10.4	2.9	0.2	<1	5
1045501	Drill Core	2.07	0.095	22.5	3	0.64	406	0.123	7.61	2.089	3.21	0.5	17.8	44	0.6	8.4	2.7	0.2	1	4
1045502	Drill Core	2.16	0.098	21.6	4	0.67	309	0.145	8.89	1.595	3.11	0.6	18.7	42	0.7	8.7	3.0	0.2	1	5
1045503	Drill Core	2.01	0.101	23.3	3	0.69	468	0.123	7.64	1.091	3.14	0.6	17.9	43	0.9	8.4	3.0	0.2	<1	4
1045504	Drill Core	2.16	0.097	28.6	5	0.61	457	0.137	7.35	1.838	3.14	0.5	17.2	54	0.7	8.9	3.4	0.2	1	4
1045505	Drill Core	2.39	0.094	28.8	3	0.75	799	0.130	7.82	0.638	2.86	1.2	18.9	53	0.7	8.1	3.1	0.2	1	4
1045506	Drill Core	2.34	0.093	21.8	4	0.76	226	0.134	7.92	0.219	2.94	0.9	18.4	43	1.1	7.5	3.4	0.2	2	4
1045507	Rock Pulp	1.81	0.054	10.9	32	0.92	73	0.178	3.74	1.194	0.74	1.1	35.5	23	55.4	11.3	4.5	0.2	<1	8
1045508	Drill Core	2.05	0.087	21.5	4	0.76	153	0.131	7.77	0.152	3.37	1.6	18.3	40	0.9	8.0	3.3	0.2	1	4
1045509	Drill Core	1.57	0.078	40.8	2	0.59	763	0.113	7.55	0.637	3.20	1.9	17.7	71	0.7	7.4	2.8	0.2	<1	4
1045510	Drill Core	1.38	0.077	28.5	5	0.59	224	0.112	7.85	0.137	3.46	2.7	17.3	52	0.8	7.5	2.6	0.2	1	4
1045511	Drill Core	1.73	0.099	36.0	2	0.59	801	0.131	8.02	0.873	3.06	1.8	17.8	65	0.8	8.6	2.7	0.2	1	4
1045512	Rock	36.49	0.004	1.6	<1	1.91	10	0.002	0.06	0.005	0.03	<0.1	0.7	<1	<0.1	0.3	0.2	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method	1EX	1EX	1EX
Analyte	S	Rb	Hf	
Unit	%	ppm	ppm	
MDL	0.1	0.1	0.1	
1045483	Drill Core	0.8	74.7	1.0
1045484	Drill Core	0.9	80.6	0.9
1045485	Drill Core	0.6	76.5	0.7
1045486	Rock Pulp	2.6	157.2	0.8
1045487	Drill Core	0.5	73.7	0.8
1045488	Drill Core	0.7	65.8	0.9
1045489	Drill Core	0.6	66.6	0.9
1045490	Drill Core	0.7	80.3	0.8
1045491	Rock	<0.1	0.3	<0.1
1045492	Drill Core	0.9	77.2	0.7
1045493	Drill Core	0.7	77.5	0.8
1045494	Drill Core	0.8	80.9	0.8
1045495	Drill Core	0.8	55.8	0.8
1045496	Drill Core	0.8	69.6	0.7
1045497	Drill Core	0.7	63.7	0.7
1045498	Drill Core	0.8	53.9	0.9
1045499	Drill Core	0.9	83.2	0.7
1045500	Drill Core	0.7	67.9	0.6
1045501	Drill Core	0.9	66.9	0.7
1045502	Drill Core	0.8	62.4	0.8
1045503	Drill Core	0.9	68.6	0.6
1045504	Drill Core	0.9	65.6	0.7
1045505	Drill Core	0.7	87.4	0.7
1045506	Drill Core	1.1	101.1	0.8
1045507	Rock Pulp	>10	22.1	1.0
1045508	Drill Core	1.3	128.8	0.8
1045509	Drill Core	0.7	88.8	0.7
1045510	Drill Core	1.1	124.4	0.6
1045511	Drill Core	0.7	83.8	0.7
1045512	Rock	<0.1	0.9	<0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045513	Drill Core	4.66	0.181	528.0	6007	401.5	1500	3.7	7.0	13.4	455	1.49	1339	1.8	0.2	5.6	629	11.8	12.7	0.2
1045514	Drill Core	4.98	0.136	112.7	3816	97.0	477	1.5	5.7	19.2	453	2.11	424	1.3	0.1	4.8	529	2.7	1.7	0.3
1045515	Drill Core	3.53	0.119	261.1	4452	114.0	652	1.5	6.5	17.2	342	1.87	642	1.4	<0.1	5.6	536	3.5	3.1	0.3
1045516	Drill Core	5.46	0.193	293.4	4873	168.3	934	1.5	7.3	17.0	430	1.67	1272	1.5	0.3	5.1	658	5.4	9.4	0.2
1045517	Drill Core	4.70	0.124	175.5	3660	73.8	560	1.2	5.4	16.0	339	1.78	780	1.4	0.1	5.3	546	2.5	6.8	0.2
1045518	Drill Core	4.90	0.113	180.2	3807	108.7	565	1.4	5.1	16.0	313	1.90	580	1.2	0.2	4.9	447	4.3	4.7	0.2
1045519	Drill Core	4.97	0.112	151.6	3891	88.3	500	1.3	4.7	16.3	345	1.97	624	1.2	0.1	4.9	444	3.0	4.9	0.1
1045520	Drill Core	5.46	0.083	100.1	2742	25.9	191	0.9	4.8	14.6	271	1.90	278	1.2	<0.1	4.9	391	0.4	1.4	0.1
1045521	Drill Core	5.55	0.116	91.6	3042	25.8	160	1.2	10.2	14.5	634	2.44	127	1.0	<0.1	4.4	359	1.3	4.3	0.1
1045522	Drill Core	4.16	0.007	6.3	179.8	16.9	115	0.2	92.5	24.6	1058	4.59	26	1.5	<0.1	2.4	252	0.4	1.2	<0.1
1045523	Drill Core	4.20	<0.005	1.3	54.6	12.4	146	<0.1	119.4	30.7	968	5.22	17	0.9	<0.1	2.2	327	0.3	0.3	<0.1
1045524	Drill Core	5.47	0.153	97.7	4057	611.4	857	3.5	24.2	17.8	873	2.16	313	1.2	0.2	4.8	577	5.5	41.2	0.2
1045525	Drill Core	5.21	0.158	387.1	3450	81.3	313	1.4	8.6	12.1	433	1.61	367	0.9	0.2	4.9	1425	1.4	2.2	0.2
1045526	Drill Core	5.02	0.156	419.6	4661	47.9	337	2.0	6.7	11.8	528	1.78	461	1.0	0.1	5.2	1093	0.8	7.0	0.2
1045527	Drill Core	5.44	0.174	200.0	4529	14.4	58	1.6	5.7	12.6	319	1.95	74	1.1	0.3	5.2	1018	<0.1	3.5	0.2
1045528	Drill Core	3.14	0.141	209.6	3799	17.4	58	1.3	5.0	12.1	380	1.83	59	1.0	<0.1	4.7	1005	0.3	3.2	0.2
1045529	Drill Core	4.77	0.135	196.7	3730	14.0	97	1.5	4.9	13.4	376	1.87	424	1.1	0.2	5.1	1012	0.1	17.8	0.2
1045530	Drill Core	5.01	0.208	226.9	3528	11.5	65	1.0	5.9	12.6	229	1.78	222	1.0	0.1	5.0	1015	<0.1	8.8	0.3
1045531	Rock	0.60	<0.005	0.3	18.0	0.1	1	<0.1	<0.1	<0.2	19	<0.01	1	1.4	<0.1	<0.1	4025	<0.1	<0.1	<0.1
1045532	Drill Core	5.15	0.223	693.9	4698	12.3	67	1.5	7.6	12.2	267	1.97	233	1.0	0.2	5.0	1051	0.3	5.2	0.2
1045533	Drill Core	4.36	0.226	343.6	5062	18.4	122	1.8	6.4	12.1	451	1.94	520	0.9	0.4	5.0	798	0.3	18.5	0.2
1045534	Drill Core	4.35	0.418	528.8	9593	28.9	85	3.5	10.1	16.8	366	2.51	197	0.9	0.4	4.8	1140	0.2	1.8	0.3
1045535	Drill Core	4.75	0.232	261.6	5149	23.4	145	2.0	5.9	13.2	456	1.99	672	0.9	0.1	4.4	373	0.6	18.1	0.3
1045536	Drill Core	5.65	0.317	350.1	7669	11.5	49	1.8	8.0	14.8	291	2.11	44	1.0	0.3	4.6	409	0.2	0.8	0.2
1045537	Rock Pulp	0.11	0.904	22.5	5158	6463	>10000	71.5	49.2	19.7	536	9.61	478	2.1	1.0	2.2	149	243.6	110.4	26.8
1045538	Drill Core	5.53	0.247	721.4	5784	54.4	101	2.6	10.1	16.6	561	2.73	408	1.3	0.2	4.1	1069	1.2	16.8	0.3
1045539	Drill Core	4.45	0.263	247.2	6048	15.9	154	2.6	8.8	16.5	682	2.52	400	1.3	0.2	4.1	366	0.8	29.7	0.3
1045540	Drill Core	5.19	0.423	583.9	8374	140.7	682	4.7	11.6	18.6	1999	3.05	536	1.2	0.3	3.4	443	3.7	11.0	0.3
1045541	Drill Core	4.96	0.336	132.0	9311	92.1	566	3.1	9.1	16.3	501	3.10	487	1.8	0.2	4.0	194	2.7	17.4	0.3
1045542	Drill Core	4.36	0.330	315.5	6313	9.7	61	1.4	7.7	12.2	220	1.87	62	1.1	0.2	4.4	526	<0.1	3.9	0.2



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045513	Drill Core	1.30	0.118	50.7	3	0.37	272	0.134	8.04	0.778	3.38	1.8	19.4	88	1.1	10.2	3.1	0.2	1	4
1045514	Drill Core	1.64	0.095	19.4	5	0.47	211	0.140	8.38	1.259	3.44	1.8	21.4	38	1.0	8.0	3.8	0.2	2	5
1045515	Drill Core	1.39	0.094	26.8	3	0.45	201	0.142	8.23	1.380	3.75	2.1	20.3	51	1.1	8.7	3.2	0.2	1	5
1045516	Drill Core	1.63	0.093	28.8	5	0.53	321	0.136	7.69	1.037	3.32	1.6	19.0	55	0.9	8.9	3.0	0.2	1	4
1045517	Drill Core	1.61	0.095	23.6	3	0.53	295	0.142	8.34	1.129	3.22	1.4	20.7	46	1.0	8.3	3.5	0.3	1	5
1045518	Drill Core	1.97	0.096	20.3	5	0.60	346	0.139	7.21	1.397	3.36	1.2	19.1	40	0.9	7.8	3.8	0.2	1	4
1045519	Drill Core	2.02	0.092	19.1	3	0.62	254	0.139	7.24	1.408	3.39	1.3	18.8	40	0.9	8.2	3.7	0.2	1	4
1045520	Drill Core	2.05	0.098	18.7	5	0.66	246	0.153	8.47	1.833	3.11	0.8	18.5	38	0.8	7.9	3.5	0.2	1	5
1045521	Drill Core	4.07	0.079	19.8	4	1.48	281	0.125	6.80	0.960	2.70	0.5	16.0	40	0.8	8.6	2.7	0.2	1	4
1045522	Drill Core	6.56	0.136	23.8	176	2.56	867	0.563	7.06	0.385	1.35	0.6	120.5	45	0.9	21.1	7.1	0.4	1	19
1045523	Drill Core	6.19	0.145	21.3	187	2.36	462	0.625	7.72	0.937	1.44	0.3	144.3	45	1.0	20.3	7.2	0.4	<1	20
1045524	Drill Core	2.27	0.082	26.9	15	0.96	608	0.182	7.65	1.299	3.16	1.0	23.8	48	1.0	8.9	3.6	0.3	<1	5
1045525	Drill Core	1.90	0.091	25.9	6	0.77	894	0.138	7.91	1.838	3.45	0.9	18.4	48	0.8	8.2	2.9	0.2	<1	4
1045526	Drill Core	2.02	0.087	28.6	4	0.68	799	0.130	7.58	1.753	3.47	0.9	17.3	53	0.8	8.4	3.5	0.2	<1	4
1045527	Drill Core	2.45	0.087	26.0	3	0.66	260	0.156	8.01	2.541	3.54	0.4	18.4	49	0.9	9.2	4.4	0.3	<1	4
1045528	Drill Core	2.49	0.086	25.2	4	0.64	500	0.137	7.43	2.364	3.54	0.4	18.1	47	0.8	9.1	4.1	0.3	<1	4
1045529	Drill Core	2.04	0.082	27.2	3	0.73	676	0.139	7.80	1.598	3.37	0.6	16.2	50	0.8	7.7	3.3	0.2	<1	4
1045530	Drill Core	2.06	0.095	20.9	3	0.60	736	0.142	7.73	2.411	3.32	0.4	17.6	40	0.8	7.5	3.5	0.2	<1	4
1045531	Rock	36.86	0.003	<0.1	1	1.70	8	<0.001	<0.01	0.008	0.01	<0.1	0.4	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045532	Drill Core	1.98	0.089	23.7	3	0.56	533	0.157	8.02	1.953	3.98	2.5	16.7	44	0.9	8.4	4.6	0.3	<1	4
1045533	Drill Core	2.17	0.091	22.3	3	0.66	646	0.141	7.21	1.480	3.36	2.1	14.7	42	0.9	7.8	3.9	0.2	<1	4
1045534	Drill Core	2.26	0.088	22.4	4	0.63	515	0.150	7.80	2.173	2.67	0.7	14.9	41	1.3	8.0	4.5	0.3	<1	4
1045535	Drill Core	2.47	0.086	18.2	3	0.71	355	0.145	7.55	1.359	3.12	0.6	15.4	35	1.0	7.1	3.1	0.2	<1	4
1045536	Drill Core	2.20	0.097	19.4	5	0.61	655	0.191	7.67	2.312	2.68	0.5	19.6	37	1.1	9.1	4.6	0.3	<1	5
1045537	Rock Pulp	1.83	0.048	11.3	26	0.93	115	0.185	3.81	1.267	0.76	1.2	34.0	23	55.6	10.8	4.3	0.2	<1	8
1045538	Drill Core	3.40	0.163	33.3	10	1.07	601	0.348	7.84	2.182	2.43	1.2	38.0	66	1.2	17.1	7.1	0.4	<1	9
1045539	Drill Core	2.84	0.124	22.4	8	0.86	536	0.222	7.84	1.222	2.45	0.9	31.7	42	1.2	11.0	4.4	0.3	<1	6
1045540	Drill Core	2.54	0.142	19.4	8	0.91	336	0.315	7.91	1.083	2.78	2.5	33.1	39	1.1	13.0	6.3	0.3	<1	9
1045541	Drill Core	2.49	0.160	31.4	8	1.04	530	0.318	8.52	0.934	2.68	1.9	34.7	56	1.4	14.0	5.7	0.3	<1	10
1045542	Drill Core	1.71	0.105	20.7	8	0.67	884	0.186	7.74	2.462	2.86	0.5	27.5	40	0.9	9.6	3.7	0.2	<1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045513	Drill Core	1.0	87.9	0.7
1045514	Drill Core	1.1	82.8	0.8
1045515	Drill Core	1.0	93.6	0.8
1045516	Drill Core	1.0	78.3	0.7
1045517	Drill Core	0.9	83.1	0.8
1045518	Drill Core	0.9	72.7	0.8
1045519	Drill Core	0.8	73.7	0.7
1045520	Drill Core	0.9	69.8	0.7
1045521	Drill Core	0.8	57.5	0.6
1045522	Drill Core	0.1	38.7	3.0
1045523	Drill Core	<0.1	41.8	3.8
1045524	Drill Core	0.9	96.5	0.8
1045525	Drill Core	0.9	89.4	0.6
1045526	Drill Core	0.9	92.3	0.7
1045527	Drill Core	1.3	80.3	0.8
1045528	Drill Core	1.3	76.3	0.7
1045529	Drill Core	0.9	80.8	0.6
1045530	Drill Core	1.1	67.8	0.7
1045531	Rock	<0.1	0.2	<0.1
1045532	Drill Core	1.0	86.2	0.6
1045533	Drill Core	1.0	78.3	0.6
1045534	Drill Core	1.5	70.8	0.5
1045535	Drill Core	1.2	76.4	0.6
1045536	Drill Core	1.1	65.5	0.7
1045537	Rock Pulp	9.8	21.6	1.0
1045538	Drill Core	1.5	78.1	1.1
1045539	Drill Core	1.1	70.2	1.0
1045540	Drill Core	1.2	90.9	0.9
1045541	Drill Core	1.2	77.5	1.0
1045542	Drill Core	0.8	65.0	0.8



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CERTIFICATE OF ANALYSIS

SMI11000526.2

	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045543	Drill Core	4.87	0.186	222.3	4348	9.5	68	1.2	6.5	10.1	260	1.58	107	0.9	0.5	5.1	675	0.2	7.7	0.1
1045544	Drill Core	5.45	0.262	277.0	5392	8.8	39	1.3	7.4	10.9	188	1.64	23	0.8	0.2	4.5	958	<0.1	1.3	0.2
1045545	Drill Core	5.44	0.392	327.4	8073	34.2	105	1.8	11.0	12.4	316	2.58	78	1.3	0.4	4.4	637	0.5	1.3	0.2
1045546	Drill Core	4.58	0.481	421.4	8144	16.3	240	2.2	9.9	15.0	405	2.00	1206	1.0	0.5	4.0	597	0.7	151.9	0.2
1045547	Drill Core	3.73	0.441	348.8	7889	15.8	233	2.4	10.9	17.8	451	2.23	1089	1.0	0.4	3.8	690	0.7	148.0	0.2
1045548	Drill Core	5.54	0.215	152.0	4392	9.0	44	1.5	6.1	10.1	194	1.52	26	0.9	0.2	5.2	537	0.1	1.2	0.2
1045549	Drill Core	4.80	0.203	200.4	4761	66.2	228	1.5	6.3	10.3	305	1.80	152	1.0	0.3	4.8	578	1.3	7.7	0.2
1045550	Drill Core	4.67	0.125	97.9	3790	31.9	236	1.1	6.0	6.9	240	1.40	168	1.0	0.1	5.2	1046	2.1	17.0	0.2
1045551	Drill Core	4.51	0.155	298.3	4206	334.5	1881	7.0	5.3	7.4	1553	1.95	928	2.0	<0.1	5.4	543	11.8	69.8	0.3
1045552	Drill Core	5.47	0.191	181.3	5129	93.6	542	3.0	6.9	10.5	636	2.02	931	1.0	0.3	4.8	467	3.5	52.5	0.3
1045553	Drill Core	4.89	0.206	296.1	5845	133.9	652	4.2	8.9	11.2	1174	2.22	714	1.4	0.2	6.1	381	3.1	43.4	0.5



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045543	Drill Core	2.06	0.092	18.9	7	0.65	1130	0.150	7.68	2.515	3.23	0.4	15.6	36	0.9	7.9	3.6	0.3	<1	4
1045544	Drill Core	2.13	0.093	18.4	7	0.58	645	0.162	7.50	2.648	3.15	0.4	17.8	36	0.9	8.3	4.0	0.2	<1	5
1045545	Drill Core	2.71	0.128	19.7	11	0.84	628	0.231	7.63	2.256	2.55	0.3	26.2	40	1.0	11.5	5.4	0.4	<1	6
1045546	Drill Core	2.50	0.126	16.1	8	0.78	372	0.242	8.07	1.526	2.25	0.9	26.3	33	1.1	9.7	5.4	0.3	<1	6
1045547	Drill Core	2.76	0.123	15.7	8	0.85	407	0.222	7.72	1.446	2.24	0.7	27.1	31	1.1	10.4	5.3	0.3	<1	6
1045548	Drill Core	2.30	0.092	16.7	7	0.61	502	0.152	7.67	3.420	1.97	0.4	16.3	33	0.9	10.0	4.3	0.3	<1	4
1045549	Drill Core	2.03	0.096	19.8	6	0.62	703	0.176	7.84	3.167	2.39	0.5	14.6	37	0.9	8.9	4.5	0.3	<1	5
1045550	Drill Core	1.89	0.101	18.1	7	0.59	640	0.164	7.65	2.880	2.49	0.9	15.5	36	1.0	8.4	4.2	0.3	<1	4
1045551	Drill Core	2.33	0.112	21.6	7	0.73	610	0.166	7.02	1.318	2.96	1.6	11.0	42	0.8	10.4	5.2	0.3	<1	4
1045552	Drill Core	2.76	0.093	14.4	7	0.89	736	0.166	7.49	1.409	3.10	1.3	12.6	29	1.0	7.7	4.2	0.3	<1	4
1045553	Drill Core	2.61	0.143	22.1	8	0.82	599	0.191	7.49	1.190	3.38	1.4	11.7	43	0.9	11.5	5.7	0.3	<1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045543	Drill Core	0.7	69.9	0.6
1045544	Drill Core	1.1	66.7	0.6
1045545	Drill Core	1.1	63.5	0.8
1045546	Drill Core	1.0	61.8	0.8
1045547	Drill Core	1.1	62.8	0.7
1045548	Drill Core	1.0	52.0	0.6
1045549	Drill Core	0.8	57.2	0.5
1045550	Drill Core	0.5	62.0	0.6
1045551	Drill Core	0.7	91.7	0.4
1045552	Drill Core	0.8	81.9	0.5
1045553	Drill Core	1.1	92.1	0.4



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045425	Drill Core	4.06	0.045	160.0	2176	13.8	71	0.6	22.8	19.7	378	2.32	36	1.4	<0.1	3.6	583	0.2	0.8	0.1	93
REP 1045425	QC	0.043																			
1045443	Drill Core	6.27	0.065	131.9	3242	11.2	76	0.8	30.4	26.7	269	3.55	2	1.4	<0.1	4.6	589	0.3	0.2	0.1	119
REP 1045443	QC	131.1 3146 10.6 77 0.8 30.4 26.0 255 3.47 2 1.4 <0.1 4.2 563 0.2 0.2 0.1 115																			
REP 1045452	QC	<0.005																			
1045458	Drill Core	5.28	0.052	184.1	2135	27.4	101	1.0	61.1	11.5	912	2.12	86	1.6	<0.1	7.9	390	0.3	35.2	0.1	133
REP 1045458	QC	184.4 2143 26.3 99 1.0 61.2 12.2 954 2.17 87 1.5 <0.1 7.9 400 0.3 34.8 0.1 142																			
1045490	Drill Core	4.59	0.092	261.0	2700	624.3	801	2.0	4.3	12.4	1046	1.50	423	2.4	0.1	5.3	528	6.2	24.1	0.2	44
REP 1045490	QC	0.073																			
1045505	Drill Core	5.27	0.089	122.4	3036	119.4	251	9.2	4.6	12.3	2081	1.63	376	1.2	<0.1	5.4	713	1.6	35.1	0.1	36
REP 1045505	QC	125.6 3045 123.3 256 4.4 4.6 13.1 2073 1.66 371 1.4 <0.1 5.7 694 1.9 35.0 <0.1 36																			
1045506	Drill Core	4.53	0.193	109.3	7182	106.3	340	7.3	6.2	16.9	3093	2.39	423	1.1	0.2	5.3	648	1.9	23.3	0.2	42
REP 1045506	QC	0.204																			
1045551	Drill Core	4.51	0.155	298.3	4206	334.5	1881	7.0	5.3	7.4	1553	1.95	928	2.0	<0.1	5.4	543	11.8	69.8	0.3	36
REP 1045551	QC	304.3 4229 326.4 1882 6.9 5.6 7.8 1560 1.93 1033 2.0 0.1 5.3 525 12.1 67.5 0.3 36																			
Core Reject Duplicates																					
1045452	Rock	0.69	0.008	0.4	10.8	0.2	<1	<0.1	<0.1	<0.2	21	<0.01	<1	1.5	<0.1	<0.1	4193	<0.1	<0.1	<0.1	2
DUP 1045452	QC	<0.005 0.2 6.5 0.2 <1 <0.1 0.9 <0.2 20 0.01 <1 1.3 <0.1 <0.1 4076 <0.1 <0.1 <0.1 1																			
1045487	Drill Core	4.70	0.057	267.1	2342	34.1	89	1.2	3.6	8.4	456	1.23	596	1.3	<0.1	5.1	900	0.6	11.6	0.1	47
DUP 1045487	QC	0.059 250.1 2286 35.0 87 0.8 4.0 9.5 431 1.21 572 1.4 <0.1 5.2 850 0.6 11.5 0.3 45																			
1045522	Drill Core	4.16	0.007	6.3	179.8	16.9	115	0.2	92.5	24.6	1058	4.59	26	1.5	<0.1	2.4	252	0.4	1.2	<0.1	147
DUP 1045522	QC	0.006 5.2 197.4 15.2 121 0.2 94.3 26.2 1057 4.71 30 1.0 <0.1 2.3 237 0.4 1.5 <0.1 154																			
Reference Materials																					
STD OREAS24P	Standard	1.4 52.9 3.0 111 <0.1 148.0 49.4 1155 7.43 2 0.7 <0.1 3.1 362 <0.1 <0.1 <0.1 162																			
STD OREAS24P	Standard	2.3 60.8 3.4 117 <0.1 147.3 46.1 1173 7.68 2 0.8 <0.1 3.3 386 0.1 0.3 <0.1 161																			
STD OREAS24P	Standard	1.5 52.0 2.8 116 0.2 137.9 42.5 1106 7.38 3 0.7 <0.1 2.9 385 0.1 <0.1 <0.1 164																			
STD OREAS24P	Standard	1.3 56.4 2.9 117 <0.1 148.0 46.7 1118 7.67 2 0.7 <0.1 2.9 374 0.1 <0.1 <0.1 165																			
STD OREAS45C	Standard	2.7 613.9 27.7 84 0.3 347.2 103.1 1215 18.77 12 2.5 <0.1 12.0 34 0.2 1.0 0.3 271																			



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Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045425	Drill Core	2.18	0.129	17.8	27	1.31	557	0.198	7.36	1.656	2.08	0.4	41.8	33	0.9	10.2	2.0	0.1	2	9
REP 1045425	QC																			
1045443	Drill Core	2.96	0.140	26.3	42	1.79	479	0.367	7.73	2.997	2.10	0.3	45.4	50	1.4	12.6	6.2	0.4	1	12
REP 1045443	QC	2.81	0.136	23.0	38	1.74	458	0.354	7.55	2.943	1.98	0.3	44.7	44	1.3	11.9	6.0	0.4	<1	11
REP 1045452	QC																			
1045458	Drill Core	2.85	0.061	27.9	66	1.20	856	0.252	8.05	0.036	1.46	2.9	27.3	56	0.9	10.5	3.6	0.3	2	16
REP 1045458	QC	2.94	0.064	27.9	64	1.24	885	0.275	8.09	0.038	1.48	3.1	26.0	56	1.0	10.5	4.0	0.3	2	17
1045490	Drill Core	2.17	0.100	24.1	4	0.69	970	0.152	7.55	1.301	3.16	1.0	23.8	44	0.8	7.7	3.2	0.2	1	4
REP 1045490	QC																			
1045505	Drill Core	2.39	0.094	28.8	3	0.75	799	0.130	7.82	0.638	2.86	1.2	18.9	53	0.7	8.1	3.1	0.2	1	4
REP 1045505	QC	2.38	0.092	30.8	2	0.76	846	0.128	7.90	0.614	3.05	1.3	19.2	55	0.7	8.5	3.2	0.2	2	4
1045506	Drill Core	2.34	0.093	21.8	4	0.76	226	0.134	7.92	0.219	2.94	0.9	18.4	43	1.1	7.5	3.4	0.2	2	4
REP 1045506	QC																			
1045551	Drill Core	2.33	0.112	21.6	7	0.73	610	0.166	7.02	1.318	2.96	1.6	11.0	42	0.8	10.4	5.2	0.3	<1	4
REP 1045551	QC	2.32	0.114	22.2	7	0.73	620	0.161	7.03	1.296	2.95	1.5	11.2	42	0.9	10.1	5.1	0.4	<1	4
Core Reject Duplicates																				
1045452	Rock	38.51	0.004	0.5	<1	1.55	8	<0.001	0.03	0.010	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
DUP 1045452	QC	32.07	0.004	0.4	<1	1.76	9	0.004	0.03	0.006	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045487	Drill Core	2.20	0.103	38.9	2	0.67	1303	0.127	7.66	0.786	2.95	0.4	20.9	77	0.5	9.1	2.2	0.1	2	4
DUP 1045487	QC	1.95	0.101	38.5	3	0.64	1113	0.141	7.88	0.715	2.63	0.8	22.3	70	0.7	8.3	2.5	0.2	2	4
1045522	Drill Core	6.56	0.136	23.8	176	2.56	867	0.563	7.06	0.385	1.35	0.6	120.5	45	0.9	21.1	7.1	0.4	1	19
DUP 1045522	QC	6.64	0.137	21.8	179	2.61	757	0.598	7.55	0.377	1.34	0.6	135.0	44	1.1	20.8	7.1	0.4	<1	19
Reference Materials																				
STD OREAS24P	Standard	5.96	0.141	19.0	170	4.01	272	1.091	7.34	2.345	0.67	0.4	128.9	36	1.5	21.0	18.7	1.1	<1	20
STD OREAS24P	Standard	5.89	0.151	19.6	195	4.09	276	1.148	7.64	2.491	0.69	0.4	137.3	37	1.7	22.1	19.8	1.1	1	20
STD OREAS24P	Standard	5.54	0.130	18.0	182	4.24	281	1.079	7.80	2.601	0.67	0.4	132.2	38	1.6	21.9	18.5	1.2	<1	19
STD OREAS24P	Standard	5.81	0.141	18.6	184	4.17	288	1.162	8.10	2.538	0.70	0.5	133.7	37	1.7	21.3	19.3	1.1	<1	21
STD OREAS45C	Standard	0.49	0.053	27.5	893	0.27	283	1.268	7.39	0.110	0.36	1.1	175.4	53	3.2	14.3	23.3	1.5	<1	61



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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045425	Drill Core	1.0	47.6	1.1
REP 1045425	QC			
1045443	Drill Core	1.8	82.4	1.1
REP 1045443	QC	1.7	71.6	1.1
REP 1045452	QC			
1045458	Drill Core	0.6	51.8	0.7
REP 1045458	QC	0.6	50.8	0.8
1045490	Drill Core	0.7	80.3	0.8
REP 1045490	QC			
1045505	Drill Core	0.7	87.4	0.7
REP 1045505	QC	0.7	95.9	0.7
1045506	Drill Core	1.1	101.1	0.8
REP 1045506	QC			
1045551	Drill Core	0.7	91.7	0.4
REP 1045551	QC	0.7	88.1	0.5
Core Reject Duplicates				
1045452	Rock	<0.1	<0.1	<0.1
DUP 1045452	QC	0.2	<0.1	<0.1
1045487	Drill Core	0.5	73.7	0.8
DUP 1045487	QC	0.5	66.1	0.7
1045522	Drill Core	0.1	38.7	3.0
DUP 1045522	QC	0.1	42.2	3.4
Reference Materials				
STD OREAS24P	Standard	<0.1	20.4	3.3
STD OREAS24P	Standard	<0.1	21.8	3.4
STD OREAS24P	Standard	<0.1	20.5	3.7
STD OREAS24P	Standard	<0.1	21.9	3.4
STD OREAS45C	Standard	<0.1	25.0	4.4



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.7	617.5	27.6	86	0.3	348.4	106.5	1212	19.62	13	2.5	<0.1	12.0	32	0.1	1.1	0.2	281
STD OREAS45C	Standard			2.5	654.4	24.6	88	0.4	347.7	103.3	1186	18.81	13	2.2	<0.1	11.3	43	<0.1	0.9	0.2	272
STD OREAS45C	Standard			1.9	625.3	25.3	86	0.4	361.4	104.2	1196	17.86	13	2.3	<0.1	10.3	32	0.3	0.9	0.2	271
STD OXH82	Standard		1.286																		
STD OXH82	Standard		1.228																		
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.313																		
STD OXH82	Standard		1.287																		
STD OXH82	Standard		1.236																		
STD OXK79	Standard		3.611																		
STD OXK79	Standard		3.551																		
STD OXK79	Standard		3.609																		
STD OXK79	Standard		3.640																		
STD OXK79	Standard		3.449																		
STD OXK79	Standard		3.566																		
STD OXK79	Standard		3.643																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.50	0.054	28.6	968	0.26	290	1.280	7.58	0.106	0.36	1.4	169.0	53	3.3	13.0	23.8	1.6	1	63	16.3
STD OREAS45C	Standard	0.53	0.052	26.7	922	0.26	282	1.166	7.43	0.097	0.38	1.2	172.1	53	2.7	13.3	23.2	1.4	1	61	17.1
STD OREAS45C	Standard	0.48	0.054	26.6	983	0.28	285	1.272	7.56	0.115	0.37	1.1	163.5	51	3.3	12.5	22.4	1.5	<1	61	15.4
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
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BLK	Blank																				



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	24.6	4.5
STD OREAS45C	Standard	<0.1	25.2	4.5
STD OREAS45C	Standard	<0.1	23.2	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.2	2.5	21.2	54	<0.1	4.1	5.6	772	2.35	<1	2.8	<0.1	8.5	652	<0.1	<0.1	0.1	50
G1	Prep Blank	<0.005	0.2	1.9	20.3	53	<0.1	4.1	5.4	743	2.31	<1	3.7	<0.1	8.9	685	<0.1	<0.1	0.2	50



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.34	0.080	22.2	4	0.58	850	0.251	6.79	2.651	2.92	0.2	11.5	46	1.8	14.1	29.1	1.7	3	5	38.1
G1	Prep Blank	2.42	0.091	24.6	5	0.63	901	0.250	7.36	2.785	3.02	0.2	10.6	50	1.7	14.0	27.2	1.6	4	5	38.8



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 12, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000526.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	98.0	0.6
G1	Prep Blank	<0.1	106.9	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 20, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI11000526R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_7&8
P.O. Number
Number of Samples: 68

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	68	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	68	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1045455	Drill Core	0.069	136.4	3183	11.2	46	1.0	71.6	18.7	359	2.80	4	1.3	<0.1	5.9	156	<0.1	2.6	0.2	163
1045456	Drill Core	0.087	352.2	3528	11.4	45	1.0	65.7	13.2	467	2.16	13	1.1	<0.1	6.0	101	<0.1	6.0	0.1	152
1045457	Drill Core	0.116	293.2	4180	12.5	49	1.2	69.0	14.2	486	2.32	11	1.2	<0.1	5.9	108	<0.1	5.0	0.1	157
1045458	Drill Core	0.048	192.7	2199	22.3	101	1.0	58.6	11.9	915	2.11	68	1.4	<0.1	6.6	357	0.2	36.9	<0.1	147
1045459	Drill Core	0.064	552.5	2914	155.2	312	5.8	50.4	12.9	645	2.24	109	1.0	<0.1	4.3	244	1.4	107.7	0.1	127
1045460	Drill Core	0.040	135.1	2067	11.9	47	0.8	55.6	13.4	408	2.32	5	0.9	<0.1	4.7	138	<0.1	2.6	0.1	141
1045461	Drill Core	0.063	190.6	3081	23.2	108	1.1	53.3	15.5	330	2.40	6	1.1	<0.1	5.6	93	0.4	3.4	0.1	131
1045462	Drill Core	0.083	190.0	3814	10.6	43	0.9	54.7	13.5	324	2.35	9	1.2	<0.1	6.2	88	<0.1	3.5	<0.1	139
1045463	Drill Core	0.074	238.9	3373	32.9	79	1.9	46.0	15.5	659	2.61	94	1.2	<0.1	5.6	196	0.3	24.7	0.2	124
1045464	Drill Core	0.065	151.5	3376	86.5	286	3.9	7.3	14.5	1930	2.03	1029	1.3	<0.1	4.4	883	1.6	70.4	0.2	46
1045465	Rock Pulp	0.399	149.8	3786	25.9	66	2.5	38.1	21.1	415	4.51	44	1.2	0.4	2.2	205	0.2	4.4	0.3	220
1045466	Drill Core	0.079	99.9	3379	54.3	114	2.1	7.2	19.3	1280	2.01	857	1.6	<0.1	5.0	757	0.4	16.4	0.2	42
1045467	Drill Core	0.071	135.5	2627	626.7	476	7.4	6.8	14.5	1743	1.65	672	1.3	<0.1	4.2	657	3.3	96.0	0.2	42
1045468	Drill Core	0.067	204.0	2915	16.3	170	1.9	4.5	18.6	689	1.76	816	1.3	<0.1	5.2	1008	0.5	38.5	0.1	42
1045469	Drill Core	0.051	125.9	2235	413.6	310	2.7	3.7	16.8	2691	2.04	535	1.3	<0.1	4.4	528	1.6	34.0	0.2	37
1045470	Drill Core	0.084	125.7	4008	75.3	212	3.1	4.9	17.1	1857	2.02	892	1.5	0.1	4.8	484	0.9	29.1	0.1	40
1045471	Drill Core	0.064	216.5	2940	82.3	171	2.3	4.1	22.1	1245	2.33	752	1.4	<0.1	4.7	683	0.3	30.9	0.2	38
1045472	Drill Core	0.079	96.8	2651	46.0	146	2.0	4.2	22.3	754	2.25	668	1.4	0.1	4.8	677	0.7	26.2	0.1	42
1045473	Drill Core	0.044	171.6	1702	21.2	76	1.1	3.2	17.9	398	1.79	431	1.4	<0.1	5.1	638	0.1	8.5	0.1	40
1045474	Drill Core	0.074	230.7	3366	39.3	120	1.8	5.0	20.6	458	1.76	595	1.3	<0.1	4.3	662	0.3	16.7	<0.1	42
1045475	Rock	<0.005	0.3	4.7	0.2	<1	<0.1	<0.1	0.3	25	0.07	3	1.2	<0.1	<0.1	3815	<0.1	<0.1	<0.1	<1
1045476	Drill Core	0.099	369.1	4558	15.8	109	1.7	7.4	25.4	433	1.93	693	1.2	0.1	4.4	814	0.4	23.9	<0.1	54
1045477	Drill Core	0.062	236.0	3251	40.1	186	1.9	5.7	25.4	576	1.63	772	1.4	0.2	4.8	1224	0.9	96.9	<0.1	46
1045478	Drill Core	0.043	243.7	2204	19.1	56	0.9	4.6	21.0	329	1.65	424	1.1	<0.1	4.6	1084	<0.1	6.3	<0.1	37
1045479	Drill Core	0.041	258.4	2015	17.2	51	0.6	3.8	20.2	311	1.61	394	1.2	<0.1	5.0	2087	<0.1	5.4	<0.1	37
1045480	Drill Core	0.044	122.1	1982	17.5	51	0.9	4.7	22.3	269	1.82	40	1.0	<0.1	4.4	1862	<0.1	0.4	<0.1	49
1045481	Drill Core	0.042	265.2	1844	17.5	61	0.8	4.0	12.9	413	1.47	283	1.1	<0.1	4.7	827	<0.1	7.8	<0.1	38
1045482	Drill Core	0.051	309.3	2113	20.4	108	1.1	4.1	13.4	459	1.43	457	1.0	<0.1	4.8	921	<0.1	17.6	<0.1	46
1045483	Drill Core	0.060	317.4	2536	13.0	62	0.9	4.7	14.5	316	1.50	401	1.1	<0.1	4.5	640	<0.1	4.0	<0.1	49
1045484	Drill Core	0.077	294.0	2686	38.9	85	1.2	5.1	16.8	394	1.67	646	1.2	<0.1	5.0	669	<0.1	10.4	<0.1	40



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1045455	Drill Core	0.069	22.6	75	1.23	655	0.333	7.73	1.251	3.68	1.3	25.6	45	1.6	10.5	5.4	0.4	2	15	23.5
1045456	Drill Core	0.073	25.9	70	1.12	686	0.309	7.24	0.135	2.47	2.2	25.1	51	1.1	11.2	4.3	0.3	1	14	33.8
1045457	Drill Core	0.068	25.4	67	1.10	791	0.316	7.28	0.158	2.56	3.6	25.9	48	1.2	11.2	4.6	0.3	1	14	34.6
1045458	Drill Core	0.061	25.3	65	1.13	800	0.313	7.98	0.037	1.35	3.5	28.3	49	0.9	9.8	4.8	0.3	2	14	63.7
1045459	Drill Core	0.060	28.0	59	1.32	411	0.258	6.61	0.213	2.27	7.0	16.3	51	1.2	10.1	3.4	0.2	2	12	43.6
1045460	Drill Core	0.051	22.6	65	1.20	995	0.328	7.23	1.061	3.09	1.3	16.7	43	1.3	8.6	4.2	0.3	2	14	21.6
1045461	Drill Core	0.063	29.7	71	1.09	674	0.255	7.45	0.176	2.59	6.6	27.7	54	1.5	10.5	3.6	0.2	2	13	28.2
1045462	Drill Core	0.076	29.0	75	1.04	932	0.309	7.46	0.134	2.45	10.1	32.0	55	1.5	11.3	5.3	0.3	2	13	33.7
1045463	Drill Core	0.081	27.5	59	1.07	338	0.249	7.76	0.047	1.67	8.1	38.2	53	1.3	10.1	3.7	0.2	1	12	48.8
1045464	Drill Core	0.080	20.2	6	0.69	582	0.098	7.34	0.044	3.02	1.8	37.2	39	1.2	7.0	3.0	0.2	1	3	205.6
1045465	Rock Pulp	0.106	13.9	64	1.00	77	0.292	5.84	1.498	4.63	14.4	28.9	27	2.3	10.4	3.1	0.2	1	13	11.8
1045466	Drill Core	0.097	22.7	5	0.54	137	0.090	8.51	0.053	2.91	1.3	40.8	43	1.1	8.2	2.7	0.2	2	4	318.3
1045467	Drill Core	0.074	21.8	5	0.67	361	0.090	8.52	0.057	3.28	1.3	34.0	41	0.9	6.5	2.3	0.2	2	4	150.7
1045468	Drill Core	0.078	36.2	6	0.63	349	0.094	8.52	0.052	2.60	1.2	33.4	67	0.7	7.9	3.1	0.2	2	4	336.5
1045469	Drill Core	0.071	23.0	5	0.66	376	0.081	7.04	0.131	2.84	1.2	29.8	42	0.7	7.2	2.1	0.1	2	3	112.7
1045470	Drill Core	0.075	35.2	6	0.77	550	0.095	7.65	0.855	3.11	1.0	31.4	65	0.8	7.8	2.3	0.2	1	4	146.1
1045471	Drill Core	0.077	27.6	7	0.72	204	0.095	7.58	0.743	3.28	0.9	31.8	52	0.9	6.7	2.4	0.1	2	3	186.9
1045472	Drill Core	0.082	23.8	6	0.69	263	0.102	8.37	0.954	3.00	2.2	30.5	44	1.3	7.0	2.5	0.1	1	4	244.8
1045473	Drill Core	0.089	30.4	7	0.67	533	0.102	9.53	2.359	2.69	0.8	34.9	54	0.7	7.3	2.7	0.2	2	5	239.1
1045474	Drill Core	0.086	26.4	7	0.62	405	0.111	7.60	1.992	2.99	0.6	30.8	52	0.8	7.6	2.9	0.2	2	4	300.5
1045475	Rock	0.003	0.1	2	1.69	10	0.001	0.04	0.006	<0.01	<0.1	0.3	<1	<0.1	0.2	0.1	<0.1	<1	<1	0.6
1045476	Drill Core	0.103	27.1	8	0.74	300	0.160	9.85	1.356	2.99	0.8	29.5	50	0.9	8.2	3.4	0.2	2	6	586.7
1045477	Drill Core	0.083	28.5	8	0.66	372	0.138	7.85	0.185	2.48	0.9	28.8	53	0.6	7.1	3.2	0.2	2	4	643.3
1045478	Drill Core	0.086	21.9	4	0.68	205	0.109	8.40	2.063	2.63	0.6	30.9	41	0.6	7.4	2.6	0.2	2	4	250.2
1045479	Drill Core	0.081	26.1	7	0.70	378	0.110	9.18	2.022	3.16	0.6	30.5	49	0.7	7.4	2.6	0.1	2	4	252.6
1045480	Drill Core	0.099	17.3	8	0.62	270	0.152	8.68	2.683	2.69	0.7	29.6	35	0.6	9.0	3.2	0.2	1	5	65.1
1045481	Drill Core	0.084	23.8	8	0.67	854	0.126	8.57	1.702	2.91	0.7	29.3	46	0.6	7.1	2.6	0.2	1	4	387.7
1045482	Drill Core	0.093	23.0	6	0.69	1213	0.149	9.30	1.308	3.13	0.7	30.6	47	0.6	7.8	3.5	0.2	2	5	694.4
1045483	Drill Core	0.098	23.4	5	0.65	360	0.142	8.27	1.722	2.86	0.6	33.5	45	0.6	7.7	2.8	0.2	2	4	458.5
1045484	Drill Core	0.077	27.6	5	0.66	304	0.119	8.27	1.564	3.19	0.6	28.0	52	0.9	7.2	2.5	0.2	1	4	394.4



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 4 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000526R.1

Method	1EX	1EX
Analyte	Rb	Hf
Unit	ppm	ppm
MDL	0.1	0.1
1045455	Drill Core	77.6 0.6
1045456	Drill Core	43.5 0.7
1045457	Drill Core	41.7 0.7
1045458	Drill Core	37.0 0.7
1045459	Drill Core	47.6 0.5
1045460	Drill Core	71.1 0.4
1045461	Drill Core	48.7 0.8
1045462	Drill Core	45.3 0.8
1045463	Drill Core	49.4 1.1
1045464	Drill Core	112.4 1.1
1045465	Rock Pulp	128.7 0.9
1045466	Drill Core	97.0 1.3
1045467	Drill Core	113.9 1.1
1045468	Drill Core	89.3 1.0
1045469	Drill Core	99.3 0.9
1045470	Drill Core	101.7 1.0
1045471	Drill Core	94.7 1.0
1045472	Drill Core	93.3 1.0
1045473	Drill Core	66.6 1.1
1045474	Drill Core	65.7 1.0
1045475	Rock	0.3 <0.1
1045476	Drill Core	65.8 1.0
1045477	Drill Core	69.6 0.9
1045478	Drill Core	65.8 1.1
1045479	Drill Core	73.1 1.0
1045480	Drill Core	59.5 0.9
1045481	Drill Core	70.6 0.8
1045482	Drill Core	68.2 1.0
1045483	Drill Core	64.5 1.0
1045484	Drill Core	81.6 0.9



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Project: Poplar Drilling
Report Date: February 20, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1045485	Drill Core	0.057	228.7	2320	15.0	38	0.7	4.6	12.0	308	1.35	284	1.0	<0.1	4.9	665	<0.1	1.8	<0.1	46	1.76
1045486	Rock Pulp	0.907	165.1	3555	49.2	121	3.0	27.1	19.4	486	4.84	65	1.2	0.8	2.4	216	0.5	8.0	0.4	186	0.41
1045487	Drill Core	0.057	259.1	2308	32.3	94	1.0	4.6	8.8	454	1.25	533	1.1	<0.1	4.5	863	<0.1	12.1	<0.1	47	2.19
1045488	Drill Core	0.065	216.9	2338	18.1	55	0.7	5.3	12.8	343	1.44	249	0.9	<0.1	4.7	614	<0.1	2.7	<0.1	50	2.11
1045489	Drill Core	0.077	210.8	2317	16.1	59	0.8	4.3	12.2	422	1.39	239	0.9	<0.1	4.4	557	0.1	3.5	<0.1	45	1.85
1045490	Drill Core	0.078	273.0	2669	600.3	783	2.3	4.6	11.3	987	1.47	367	2.7	<0.1	4.8	522	4.8	22.5	<0.1	45	2.06
1045491	Rock	<0.005	0.4	9.0	1.2	2	<0.1	<0.1	0.2	21	<0.01	<1	1.3	<0.1	<0.1	4231	<0.1	0.1	<0.1	<1	35.43
1045492	Drill Core	0.078	168.1	3658	28.2	128	1.6	5.4	14.8	708	1.73	745	1.2	<0.1	5.2	789	0.8	36.7	<0.1	46	2.36
1045493	Drill Core	0.082	312.2	3527	30.4	131	2.6	5.4	11.8	819	1.45	649	1.2	<0.1	4.7	663	0.6	22.9	<0.1	43	2.01
1045494	Drill Core	0.100	305.5	3704	91.4	282	4.8	6.0	13.0	1165	1.52	553	1.2	<0.1	4.5	582	1.9	45.8	<0.1	40	2.22
1045495	Drill Core	0.177	456.5	4521	15.7	73	1.2	7.3	11.9	400	1.51	371	1.1	0.2	4.8	587	<0.1	7.0	<0.1	42	2.16
1045496	Drill Core	0.127	263.9	3590	13.9	62	0.9	6.0	12.3	377	1.49	403	1.1	0.1	4.7	526	0.3	5.5	<0.1	43	1.97
1045497	Drill Core	0.218	432.0	4726	28.4	89	1.6	7.4	10.6	537	1.44	697	1.2	0.2	4.9	734	0.3	27.4	<0.1	39	2.10
1045498	Drill Core	0.168	465.9	4886	15.0	124	1.4	8.1	13.5	573	1.47	839	1.2	0.1	5.4	1044	0.3	45.7	<0.1	38	2.31
1045499	Drill Core	0.132	264.6	3189	127.2	359	4.1	6.8	12.7	1975	2.08	552	1.4	0.1	5.5	746	2.2	44.4	0.1	42	3.40
1045500	Drill Core	0.127	501.4	3923	78.1	476	4.5	4.9	9.3	1939	1.71	714	1.3	0.1	4.9	741	2.1	15.7	<0.1	47	3.11
1045501	Drill Core	0.078	152.8	2625	23.1	87	1.4	4.5	12.1	380	1.53	87	1.0	<0.1	4.6	1630	0.2	1.7	<0.1	39	2.09
1045502	Drill Core	0.080	238.1	2415	16.1	46	0.9	5.3	14.0	306	1.57	8	1.3	0.1	5.5	244	0.2	0.5	<0.1	42	2.27
1045503	Drill Core	0.181	103.6	3584	17.4	55	1.4	7.3	13.9	431	1.71	13	1.2	0.1	4.9	229	0.4	1.2	<0.1	40	2.07
1045504	Drill Core	0.127	180.5	3675	13.9	48	1.2	5.8	14.6	427	1.67	8	1.1	0.1	4.9	270	0.1	1.8	<0.1	43	2.17
1045505	Drill Core	0.082	122.5	3000	99.6	236	4.8	4.4	11.2	2013	1.55	260	1.0	<0.1	5.2	666	1.5	29.7	<0.1	38	2.30
1045506	Drill Core	0.201	119.2	7169	99.9	301	7.2	6.3	14.0	2871	2.22	290	1.0	0.2	5.0	612	1.7	20.5	0.2	45	2.30
1045507	Rock Pulp	0.867	22.2	5044	6409	>10000	71.1	45.8	18.9	515	8.85	271	2.1	0.9	2.3	138	216.2	98.3	25.7	75	1.81
1045508	Drill Core	0.162	95.2	5439	319.8	1397	19.6	5.7	16.7	4005	2.38	481	1.1	0.2	4.9	410	8.4	80.5	0.3	45	2.10
1045509	Drill Core	0.123	368.8	3657	172.1	887	4.7	5.6	10.7	883	1.34	824	1.1	0.1	5.1	789	4.9	16.6	0.1	36	1.71
1045510	Drill Core	0.143	221.4	4776	1267	1381	23.2	5.7	13.1	4013	2.02	657	1.1	0.1	4.8	554	9.5	136.6	0.1	38	1.33
1045511	Drill Core	0.202	323.7	5033	317.6	1422	3.9	6.7	11.0	762	1.48	817	1.0	0.2	5.4	588	9.1	14.9	<0.1	43	1.89
1045512	Rock	<0.005	0.4	6.4	1.3	12	<0.1	1.7	0.7	219	0.49	2	0.4	<0.1	<0.1	40	<0.1	<0.1	<0.1	1	20.85
1045513	Drill Core	0.185	530.1	6330	389.5	1580	3.8	7.2	14.1	451	1.49	1145	1.8	0.2	5.6	690	11.0	12.0	0.1	40	1.36
1045514	Drill Core	0.115	120.6	3936	90.7	462	1.5	6.4	20.0	469	2.15	354	1.2	<0.1	4.9	548	2.4	1.5	0.2	46	1.75



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Project: Poplar Drilling
Report Date: February 20, 2012

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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1045485	Drill Core	0.093	26.1	8	0.57	724	0.143	8.17	1.674	3.18	0.7	24.1	51	0.7	7.7	2.8	0.2	1	4	535.1
1045486	Rock Pulp	0.104	14.3	48	0.81	77	0.252	5.95	1.103	3.78	26.8	25.7	28	2.9	11.9	3.9	0.2	1	11	11.1
1045487	Drill Core	0.106	33.1	5	0.68	1309	0.147	9.10	0.822	2.88	0.8	23.9	65	0.4	8.5	2.8	0.2	2	5	736.0
1045488	Drill Core	0.110	24.0	9	0.65	1147	0.155	9.38	1.896	2.90	0.7	26.1	49	0.7	8.0	3.3	0.2	2	5	526.0
1045489	Drill Core	0.098	23.1	6	0.62	1046	0.144	8.79	1.467	2.62	0.8	25.1	45	0.7	7.3	3.0	0.2	2	4	600.8
1045490	Drill Core	0.093	22.5	6	0.69	1010	0.142	7.83	1.309	2.93	1.0	22.3	44	0.7	7.8	3.1	0.2	1	4	298.6
1045491	Rock	0.004	0.3	2	2.09	8	0.001	0.04	0.004	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1	1.0
1045492	Drill Core	0.089	21.6	6	0.81	406	0.132	8.16	0.295	3.16	0.7	23.0	42	0.8	6.6	3.2	0.2	2	4	528.4
1045493	Drill Core	0.078	30.0	5	0.73	949	0.122	7.39	0.298	2.42	0.8	19.7	53	0.7	6.5	2.5	0.2	1	4	344.4
1045494	Drill Core	0.084	27.1	6	0.75	316	0.111	6.89	0.241	2.91	0.8	18.5	51	0.7	7.1	2.2	0.2	<1	4	354.4
1045495	Drill Core	0.088	28.8	5	0.71	266	0.123	7.17	0.670	3.09	0.6	20.5	54	0.8	7.1	2.3	0.2	2	4	551.1
1045496	Drill Core	0.093	24.1	6	0.67	521	0.121	7.43	0.654	2.91	0.7	21.2	46	0.7	6.8	2.2	0.1	2	4	593.7
1045497	Drill Core	0.087	35.2	5	0.80	384	0.114	7.18	0.095	2.72	0.7	18.8	62	0.9	7.5	2.3	0.2	<1	4	369.5
1045498	Drill Core	0.092	36.6	7	0.67	338	0.136	7.74	0.080	2.39	1.0	21.9	67	0.8	8.6	2.9	0.2	<1	4	528.0
1045499	Drill Core	0.084	38.1	6	1.13	854	0.118	6.93	0.045	2.65	1.1	20.3	67	0.7	9.6	2.5	0.2	1	4	193.6
1045500	Drill Core	0.087	44.6	9	0.97	662	0.142	6.78	0.160	3.24	1.1	16.1	76	0.6	11.1	2.9	0.2	<1	5	126.0
1045501	Drill Core	0.082	19.8	5	0.63	344	0.120	7.77	1.998	3.02	0.5	18.8	39	0.6	8.1	3.0	0.2	1	4	121.1
1045502	Drill Core	0.097	24.0	7	0.69	492	0.146	9.35	1.689	3.13	0.7	19.9	46	0.7	9.2	3.3	0.2	1	5	66.1
1045503	Drill Core	0.090	22.5	6	0.71	371	0.129	8.32	1.066	3.19	0.7	17.8	43	0.8	8.4	3.2	0.2	<1	4	106.6
1045504	Drill Core	0.086	28.0	7	0.60	437	0.134	7.42	1.875	3.26	0.5	17.2	55	0.7	8.9	3.6	0.2	1	4	54.5
1045505	Drill Core	0.081	29.3	4	0.73	1056	0.124	7.52	0.601	3.00	1.1	17.7	54	0.6	8.0	3.2	0.2	1	4	94.5
1045506	Drill Core	0.081	21.6	7	0.74	280	0.123	7.38	0.205	2.98	0.9	18.0	41	0.9	7.1	3.4	0.2	2	4	185.9
1045507	Rock Pulp	0.045	10.2	35	0.88	121	0.176	3.60	1.207	0.67	1.1	39.5	22	47.7	10.2	4.2	0.2	<1	7	9.5
1045508	Drill Core	0.081	20.5	7	0.75	241	0.120	7.61	0.151	3.27	1.4	17.0	39	0.8	7.5	3.2	0.2	1	4	74.3
1045509	Drill Core	0.075	44.0	5	0.61	770	0.114	8.29	0.649	2.85	1.9	19.0	79	0.7	7.6	3.0	0.2	1	4	121.4
1045510	Drill Core	0.070	29.1	6	0.56	161	0.107	7.26	0.135	3.46	2.3	16.9	55	0.9	7.5	2.5	0.2	<1	3	54.4
1045511	Drill Core	0.093	33.6	5	0.62	802	0.134	9.04	0.932	3.13	1.9	18.5	63	0.8	8.7	2.8	0.1	1	5	175.8
1045512	Rock	0.012	0.5	3	11.95	13	0.002	0.07	0.006	0.02	0.1	0.3	1	<0.1	0.6	0.1	<0.1	<1	<1	0.8
1045513	Drill Core	0.107	50.6	6	0.37	165	0.130	8.60	0.863	3.56	1.9	19.5	92	0.9	10.5	2.9	0.2	<1	4	172.8
1045514	Drill Core	0.096	20.3	7	0.48	128	0.141	8.42	1.294	3.62	1.7	21.7	41	0.8	8.1	3.6	0.3	2	4	265.7



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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method	1EX	1EX
Analyte	Rb	Hf	
Unit	ppm	ppm	
MDL	0.1	0.1	
1045485	Drill Core	73.7	0.9
1045486	Rock Pulp	122.8	0.8
1045487	Drill Core	67.9	0.8
1045488	Drill Core	70.4	0.9
1045489	Drill Core	64.0	0.9
1045490	Drill Core	85.8	0.8
1045491	Rock	0.3	<0.1
1045492	Drill Core	82.1	0.9
1045493	Drill Core	67.2	0.7
1045494	Drill Core	76.7	0.6
1045495	Drill Core	65.0	0.8
1045496	Drill Core	65.7	0.7
1045497	Drill Core	69.7	0.6
1045498	Drill Core	57.5	0.9
1045499	Drill Core	94.8	0.7
1045500	Drill Core	80.1	0.6
1045501	Drill Core	65.8	0.6
1045502	Drill Core	67.7	0.7
1045503	Drill Core	73.9	0.7
1045504	Drill Core	71.0	0.6
1045505	Drill Core	90.0	0.7
1045506	Drill Core	100.3	0.7
1045507	Rock Pulp	20.8	1.0
1045508	Drill Core	125.6	0.7
1045509	Drill Core	91.2	0.7
1045510	Drill Core	127.9	0.6
1045511	Drill Core	85.2	0.6
1045512	Rock	0.9	<0.1
1045513	Drill Core	93.4	0.7
1045514	Drill Core	84.7	0.8



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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1045515	Drill Core	0.123	265.1	4403	99.6	642	1.4	6.2	16.9	346	1.84	541	1.3	0.2	5.3	532	3.4	2.9	0.1	44	1.48
1045516	Drill Core	0.210	295.1	5119	158.3	900	1.6	7.1	16.4	434	1.61	1049	1.9	0.2	5.3	686	5.1	8.8	0.1	41	1.69
1045517	Drill Core	0.125	187.0	3882	67.9	527	1.1	5.9	15.4	338	1.77	615	1.2	<0.1	5.3	587	2.4	6.3	0.1	41	1.66
1045518	Drill Core	0.117	168.2	3987	104.5	558	1.4	5.1	15.7	346	1.87	508	1.1	0.1	4.8	460	3.7	4.4	0.1	45	2.05
1045519	Drill Core	0.117	147.6	3736	77.8	466	1.2	5.4	14.7	322	1.80	463	1.1	<0.1	4.6	428	2.7	4.2	0.1	43	1.94
1045520	Drill Core	0.086	102.7	2824	21.3	179	0.8	4.2	13.6	270	1.86	220	1.2	<0.1	4.5	391	0.2	1.3	<0.1	45	2.07
1045521	Drill Core	0.116	90.4	3264	22.5	155	1.2	11.0	14.1	676	2.44	96	1.2	0.2	4.4	390	1.1	3.8	<0.1	42	4.32
1045522	Drill Core	<0.005	5.4	199.0	14.4	116	0.2	95.0	25.6	1063	4.67	20	1.1	<0.1	2.4	251	0.3	1.5	<0.1	153	6.75



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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1045515	Drill Core	0.089	25.0	6	0.45	179	0.142	8.07	1.528	3.37	2.3	20.6	48	0.9	8.5	3.2	0.2	1	4	155.5
1045516	Drill Core	0.088	34.4	7	0.53	797	0.124	8.09	1.082	3.20	1.5	19.4	64	1.0	9.6	3.1	0.3	<1	4	174.0
1045517	Drill Core	0.086	28.6	6	0.54	814	0.146	8.20	1.194	3.27	1.3	22.4	52	0.8	8.5	3.4	0.2	1	4	154.9
1045518	Drill Core	0.090	20.2	8	0.62	503	0.144	8.08	1.454	3.13	1.2	18.9	41	0.9	7.6	3.5	0.2	1	4	190.4
1045519	Drill Core	0.083	18.8	5	0.60	354	0.132	7.14	1.391	3.36	1.1	18.3	37	0.8	7.5	3.6	0.2	2	4	150.5
1045520	Drill Core	0.088	17.2	7	0.65	206	0.147	8.39	1.828	3.08	0.7	17.5	36	0.8	7.7	3.5	0.2	1	4	152.0
1045521	Drill Core	0.074	22.4	7	1.58	470	0.118	6.74	1.024	2.83	0.6	15.9	44	0.7	8.5	2.6	0.2	<1	4	87.8
1045522	Drill Core	0.137	21.8	204	2.63	851	0.564	7.29	0.401	1.37	0.6	135.3	45	1.0	19.4	7.0	0.3	<1	18	50.4



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CERTIFICATE OF ANALYSIS

SMI11000526R.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
1045515	Drill Core	82.2	0.8
1045516	Drill Core	82.1	0.7
1045517	Drill Core	89.1	0.7
1045518	Drill Core	71.3	0.8
1045519	Drill Core	74.0	0.7
1045520	Drill Core	69.9	0.6
1045521	Drill Core	68.3	0.5
1045522	Drill Core	38.8	3.3



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QUALITY CONTROL REPORT

SMI11000526R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
1045474	Drill Core	0.074	230.7	3366	39.3	120	1.8	5.0	20.6	458	1.76	595	1.3	<0.1	4.3	662	0.3	16.7	<0.1	42	1.75
REP 1045474	QC	0.078																			
1045478	Drill Core	0.043	243.7	2204	19.1	56	0.9	4.6	21.0	329	1.65	424	1.1	<0.1	4.6	1084	<0.1	6.3	<0.1	37	1.80
REP 1045478	QC		219.5	2195	17.8	52	0.8	4.1	22.1	322	1.65	428	1.1	<0.1	4.7	1095	<0.1	6.1	<0.1	37	1.84
1045495	Drill Core	0.177	456.5	4521	15.7	73	1.2	7.3	11.9	400	1.51	371	1.1	0.2	4.8	587	<0.1	7.0	<0.1	42	2.16
REP 1045495	QC		468.9	4541	14.6	72	1.2	8.4	14.0	420	1.56	379	1.2	0.2	4.6	600	0.2	7.1	<0.1	43	2.22
Reference Materials																					
STD OREAS24P	Standard		1.5	57.5	3.2	115	<0.1	147.2	45.6	1087	7.27	3	0.7	<0.1	2.9	372	<0.1	0.1	<0.1	163	5.76
STD OREAS24P	Standard		1.5	51.3	2.8	112	0.1	135.8	45.1	990	7.42	2	0.7	<0.1	2.6	373	<0.1	0.2	<0.1	172	5.49
STD OREAS45C	Standard		2.7	620.8	23.9	83	0.2	347.8	101.1	1178	17.10	12	2.3	<0.1	11.0	29	0.1	0.9	0.2	272	0.47
STD OREAS45C	Standard		2.1	625.7	23.5	76	0.4	342.7	103.4	1059	19.11	12	2.2	<0.1	10.6	31	<0.1	0.7	0.1	289	0.49
STD OXH82	Standard	1.215																			
STD OXH82	Standard	1.260																			
STD OXH82	Standard	1.243																			
STD OXK79	Standard	3.379																			
STD OXK79	Standard	3.474																			
STD OXK79	Standard	3.548																			
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	0.2	0.3	1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: February 20, 2012

Page: 1 of 2 Part 2

QUALITY CONTROL REPORT

SMI11000526R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																				
1045474	Drill Core	0.086	26.4	7	0.62	405	0.111	7.60	1.992	2.99	0.6	30.8	52	0.8	7.6	2.9	0.2	2	4	300.5
REP 1045474	QC																			
1045478	Drill Core	0.086	21.9	4	0.68	205	0.109	8.40	2.063	2.63	0.6	30.9	41	0.6	7.4	2.6	0.2	2	4	250.2
REP 1045478	QC	0.086	22.5	5	0.68	459	0.109	8.91	2.032	3.10	0.5	30.4	43	0.7	7.1	2.5	0.1	2	4	248.8
1045495	Drill Core	0.088	28.8	5	0.71	266	0.123	7.17	0.670	3.09	0.6	20.5	54	0.8	7.1	2.3	0.2	2	4	551.1
REP 1045495	QC	0.087	28.4	5	0.71	440	0.125	7.29	0.659	3.16	0.6	21.7	54	0.7	7.5	2.4	0.2	1	4	567.3
Reference Materials																				
STD OREAS24P	Standard	0.128	18.3	208	4.01	278	1.071	7.67	2.388	0.65	0.5	130.8	35	1.6	21.0	19.2	1.1	<1	19	7.6
STD OREAS24P	Standard	0.126	19.1	188	4.10	281	1.079	8.16	2.591	0.65	0.4	135.3	37	1.6	21.4	19.4	1.1	<1	18	7.3
STD OREAS45C	Standard	0.046	25.2	981	0.21	267	1.307	7.32	0.092	0.34	1.0	160.3	48	2.7	12.1	22.9	1.4	<1	59	14.2
STD OREAS45C	Standard	0.050	27.3	941	0.26	286	1.220	7.47	0.107	0.34	1.2	176.6	53	2.9	13.2	23.6	1.5	1	56	16.1
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<0.1	2	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000526R.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
Pulp Duplicates			
1045474	Drill Core	65.7	1.0
REP 1045474	QC		
1045478	Drill Core	65.8	1.1
REP 1045478	QC	69.5	1.1
1045495	Drill Core	65.0	0.8
REP 1045495	QC	65.7	0.7
Reference Materials			
STD OREAS24P	Standard	21.7	3.4
STD OREAS24P	Standard	21.8	3.4
STD OREAS45C	Standard	23.4	4.0
STD OREAS45C	Standard	24.7	4.5
STD OXH82	Standard		
STD OXH82	Standard		
STD OXH82	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OXH82 Expected			
STD OXK79 Expected			
STD OREAS24P Expected		22.4	3.6
STD OREAS45C Expected		24	4.27
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	0.2	<0.1



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Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

SMI11000526R.1

		G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
BLK	Blank		<0.1	0.3	<0.1	1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.01



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Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

SMI11000526R.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.001	<0.1	3	<0.01	<1	<0.001	<0.01	0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000526R.1

		1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	0.1	<0.1



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 03, 2011
Report Date: November 30, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000527.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_7&8
P.O. Number
Number of Samples: 128

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	121	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	128	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	128	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

Poplar Drilling

Report Date:

November 30, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045554	Rock	0.70	<0.005	0.2	<0.1	0.9	2	<0.1	<0.1	<0.2	26	0.10	<1	1.4	<0.1	<0.1	3902	<0.1	<0.1	<0.1
1045555	Drill Core	4.57	0.233	251.3	5324	159.5	817	5.8	10.3	9.2	1377	2.09	473	1.0	0.2	4.0	455	5.3	13.0	0.3
1045556	Drill Core	4.62	0.160	102.0	3415	175.0	1182	1.8	13.0	11.2	852	2.40	518	1.0	0.2	4.2	405	6.9	6.6	0.3
1045557	Drill Core	6.10	0.127	165.5	3612	581.1	2088	6.6	7.8	9.6	592	1.95	751	0.8	0.2	5.2	518	17.6	9.6	0.2
1045558	Rock Pulp	0.15	0.406	148.2	3732	33.5	73	3.0	43.6	23.9	475	5.39	49	1.5	0.6	2.9	245	0.5	4.9	0.6
1045559	Drill Core	4.71	0.128	68.4	2865	15.6	227	0.9	8.9	8.8	429	2.03	207	0.7	<0.1	5.0	483	0.9	0.5	0.2
1045560	Drill Core	4.59	0.205	19.3	5305	53.0	495	1.7	12.1	13.1	550	3.18	381	1.1	0.1	5.3	412	2.7	1.4	0.3
1045561	Drill Core	4.58	0.156	26.0	3313	187.2	489	3.0	15.4	14.0	1522	6.49	264	1.1	<0.1	5.9	553	3.6	11.0	0.2
1045562	Drill Core	4.46	0.067	21.1	2850	20.2	86	1.3	14.4	13.8	425	3.64	28	1.0	<0.1	5.5	1489	0.5	0.4	0.3
1045563	Drill Core	5.21	0.060	11.0	2795	60.7	178	2.2	7.2	7.4	488	2.09	228	0.9	<0.1	5.1	373	1.2	4.9	0.3
1045564	Drill Core	5.36	0.058	4.7	1681	29.2	138	0.9	7.4	7.6	457	2.86	91	0.9	<0.1	4.6	2102	1.0	4.8	0.3
1045565	Drill Core	5.59	0.045	5.3	1967	15.7	82	0.9	7.6	9.5	447	3.37	20	1.1	0.1	6.8	808	0.4	0.4	0.3
1045566	Drill Core	5.66	0.031	4.2	1208	10.6	63	0.6	8.1	8.8	536	3.36	7	1.4	<0.1	6.8	282	0.1	0.3	0.2
1045567	Drill Core	5.06	0.021	6.0	742.0	11.7	65	0.4	6.9	9.7	618	3.35	6	1.3	<0.1	5.5	687	0.1	0.3	0.2
1045568	Drill Core	5.43	0.013	7.7	577.7	11.0	54	0.3	7.2	8.3	602	3.20	5	1.3	<0.1	5.3	1382	0.2	0.2	0.2
1045569	Drill Core	3.40	0.014	5.6	501.9	10.4	52	0.2	6.9	8.0	605	3.19	4	1.2	<0.1	4.9	1077	<0.1	0.2	0.2
1045570	Drill Core	5.31	0.014	5.2	611.6	10.8	56	0.3	7.2	7.7	555	3.21	5	1.3	<0.1	5.8	994	0.1	0.2	0.2
1045571	Drill Core	5.41	0.015	4.3	684.3	11.7	58	0.5	5.4	8.5	621	3.08	6	1.3	<0.1	5.4	213	<0.1	0.3	0.2
1045572	Rock	0.46	<0.005	0.1	2.1	0.3	<1	<0.1	<0.1	0.2	25	0.10	<1	1.5	<0.1	<0.1	4134	<0.1	<0.1	<0.1
1045573	Drill Core	6.03	0.026	10.3	1833	9.9	49	0.7	7.7	8.2	432	2.86	2	1.3	<0.1	7.5	781	0.1	<0.1	0.2
1045574	Drill Core	5.18	0.018	10.0	964.0	11.9	61	0.5	7.4	7.7	544	3.17	1	1.5	<0.1	7.1	580	0.2	<0.1	0.2
1045575	Drill Core	5.73	0.011	4.9	603.5	11.0	57	0.3	7.4	8.6	546	3.15	<1	1.9	<0.1	8.8	485	<0.1	0.2	0.4
1045576	Drill Core	6.07	0.033	3.0	1098	9.9	56	0.4	6.9	7.9	498	3.17	2	1.3	<0.1	6.7	564	0.1	<0.1	0.2
1045577	Rock Pulp	0.15	0.420	139.3	3627	29.6	76	2.9	41.6	21.8	461	5.10	47	1.4	0.4	3.0	245	0.2	4.5	0.5
1045578	Drill Core	5.77	0.047	8.9	2088	12.5	54	1.1	10.1	12.3	596	3.51	2	1.2	<0.1	6.5	572	<0.1	0.3	0.5
1045579	Drill Core	5.70	0.017	13.4	729.5	10.6	74	0.3	6.9	8.0	530	3.08	2	1.3	<0.1	6.7	648	0.1	0.3	0.4
1045580	Drill Core	5.48	0.050	11.8	2732	41.9	136	2.9	11.2	20.6	523	4.39	48	1.3	<0.1	7.1	658	0.8	0.6	0.7
1045581	Drill Core	5.61	0.029	2.4	1113	38.5	360	1.6	7.3	9.1	932	3.45	186	1.2	<0.1	6.0	623	2.2	21.9	0.3
1045582	Drill Core	5.02	0.050	1.6	1826	9.3	44	0.7	8.7	9.2	499	2.99	32	1.1	<0.1	5.3	535	<0.1	4.6	0.3
1045583	Drill Core	5.44	0.051	1.1	1452	53.9	178	1.7	7.7	9.6	930	3.24	39	1.1	<0.1	4.9	254	0.8	5.1	0.3



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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045554	Rock	36.50	0.005	0.2	<1	1.75	5	0.001	0.02	0.005	<0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045555	Drill Core	2.60	0.125	12.6	12	0.85	873	0.219	6.54	1.572	2.63	1.4	15.2	30	1.0	8.9	5.6	0.3	<1	5
1045556	Drill Core	3.06	0.153	16.6	16	0.85	773	0.279	6.51	0.826	2.37	2.8	18.3	40	1.0	11.5	7.5	0.4	<1	6
1045557	Drill Core	2.87	0.150	20.5	8	0.75	690	0.230	6.50	0.317	2.23	1.1	12.5	48	0.8	12.1	7.5	0.5	<1	4
1045558	Rock Pulp	0.36	0.123	15.6	67	1.17	500	0.316	12.67	1.691	3.49	15.8	31.2	31	2.7	10.4	3.3	0.2	1	28
1045559	Drill Core	3.00	0.156	20.7	11	0.75	1038	0.261	6.65	0.432	2.26	0.8	15.1	49	0.7	11.4	8.0	0.4	1	5
1045560	Drill Core	2.87	0.135	17.8	12	0.78	934	0.249	7.12	0.708	2.53	1.7	19.0	41	1.2	11.8	8.2	0.5	<1	6
1045561	Drill Core	2.85	0.157	21.8	10	1.09	1154	0.217	6.55	0.657	2.54	1.1	14.3	47	0.8	16.0	6.4	0.4	1	7
1045562	Drill Core	2.70	0.212	22.2	12	1.25	1094	0.337	7.03	1.923	3.18	0.6	14.3	52	1.1	17.0	11.9	0.6	1	8
1045563	Drill Core	2.25	0.088	11.1	12	0.74	1208	0.204	7.47	1.767	3.19	1.4	15.4	26	1.2	7.1	6.6	0.4	1	4
1045564	Drill Core	2.37	0.099	11.3	12	0.81	1213	0.238	7.01	2.245	2.81	1.6	14.7	26	1.1	8.7	6.8	0.4	2	5
1045565	Drill Core	2.33	0.105	12.5	13	0.87	1227	0.233	6.95	1.941	3.29	1.0	12.9	29	0.8	11.9	9.7	0.7	1	7
1045566	Drill Core	2.70	0.118	12.0	11	0.89	959	0.253	7.11	1.293	2.64	1.2	18.2	29	0.8	11.5	8.7	0.6	1	6
1045567	Drill Core	2.71	0.130	12.1	11	0.87	1182	0.256	7.35	1.683	2.59	0.8	16.2	30	0.8	11.3	8.1	0.6	1	6
1045568	Drill Core	2.74	0.136	12.5	11	0.88	1067	0.272	7.38	2.708	2.48	0.7	16.9	30	0.8	11.5	8.3	0.5	<1	7
1045569	Drill Core	2.76	0.129	11.6	12	0.92	1037	0.270	7.09	2.745	2.48	0.7	16.4	28	1.0	11.3	8.4	0.6	2	6
1045570	Drill Core	2.58	0.129	13.1	10	0.83	1027	0.262	7.36	2.753	2.35	0.7	15.1	32	0.6	11.6	8.0	0.5	1	7
1045571	Drill Core	2.95	0.130	12.2	9	0.70	941	0.240	7.48	1.104	2.66	1.1	14.6	29	0.7	11.2	7.3	0.5	1	6
1045572	Rock	39.43	0.003	0.2	<1	1.74	5	0.002	0.05	0.005	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1045573	Drill Core	2.81	0.184	17.8	9	0.85	1189	0.253	7.09	2.228	2.87	0.5	14.1	43	0.8	15.1	8.9	0.6	1	6
1045574	Drill Core	2.37	0.116	14.7	10	0.92	998	0.264	7.41	3.316	2.67	0.5	16.7	34	0.8	12.3	8.9	0.6	2	6
1045575	Drill Core	2.65	0.112	14.0	6	0.83	978	0.227	7.31	2.981	2.99	0.8	17.6	32	0.5	11.2	8.2	0.7	2	5
1045576	Drill Core	2.78	0.111	12.6	10	0.83	1019	0.261	7.15	3.033	2.50	0.4	14.7	30	0.7	11.5	8.8	0.6	2	6
1045577	Rock Pulp	0.38	0.116	17.3	66	1.11	570	0.301	11.64	1.580	2.88	15.9	30.4	34	2.7	11.4	3.1	0.2	1	25
1045578	Drill Core	2.80	0.127	14.9	12	0.85	587	0.234	6.92	2.452	2.83	0.5	12.6	35	1.0	11.8	7.4	0.5	<1	6
1045579	Drill Core	2.39	0.120	11.4	8	0.70	964	0.224	7.04	2.162	2.58	0.4	14.7	28	0.8	10.6	7.2	0.5	<1	6
1045580	Drill Core	2.54	0.180	17.3	11	0.82	230	0.237	6.81	2.048	2.90	0.9	11.3	42	1.7	14.7	8.0	0.5	2	6
1045581	Drill Core	3.00	0.127	12.5	10	0.96	982	0.225	6.81	1.356	2.73	1.4	12.3	30	0.8	11.9	7.6	0.5	<1	6
1045582	Drill Core	2.93	0.115	13.2	9	0.82	1059	0.220	6.73	1.579	2.67	0.6	11.9	31	0.6	10.3	7.1	0.5	1	5
1045583	Drill Core	3.43	0.127	11.9	13	0.96	1021	0.253	7.03	0.938	2.86	1.0	11.7	29	0.9	10.8	8.0	0.5	2	6



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045554	Rock	<0.1	0.6	<0.1	
1045555	Drill Core	0.7	75.3	0.5	
1045556	Drill Core	0.7	53.1	0.6	
1045557	Drill Core	0.5	49.6	0.6	
1045558	Rock Pulp	2.3	116.2	0.9	
1045559	Drill Core	0.4	47.6	0.5	
1045560	Drill Core	0.8	58.7	0.5	
1045561	Drill Core	0.6	66.0	0.5	
1045562	Drill Core	0.9	86.5	0.5	
1045563	Drill Core	0.8	83.6	0.5	
1045564	Drill Core	0.6	78.5	0.5	
1045565	Drill Core	0.9	71.7	0.5	
1045566	Drill Core	0.3	54.2	0.7	
1045567	Drill Core	0.3	57.1	0.6	
1045568	Drill Core	0.2	54.6	0.6	
1045569	Drill Core	0.2	50.8	0.6	
1045570	Drill Core	0.2	51.1	0.5	
1045571	Drill Core	0.2	55.4	0.6	
1045572	Rock	<0.1	0.2	<0.1	
1045573	Drill Core	0.6	60.6	0.5	
1045574	Drill Core	0.5	53.9	0.7	
1045575	Drill Core	0.9	71.5	0.6	
1045576	Drill Core	0.6	52.7	0.6	
1045577	Rock Pulp	2.2	98.2	0.9	
1045578	Drill Core	1.4	67.2	0.5	
1045579	Drill Core	0.5	58.6	0.6	
1045580	Drill Core	2.2	69.4	0.4	
1045581	Drill Core	0.5	63.9	0.4	
1045582	Drill Core	0.6	55.8	0.4	
1045583	Drill Core	0.5	56.9	0.5	



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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045584	Drill Core	4.59	0.037	13.5	1557	15.5	98	0.8	11.6	12.8	744	4.09	7	1.0	<0.1	4.6	191	0.2	0.8	0.2
1045585	Drill Core	3.25	0.025	8.1	1294	12.2	86	0.8	10.4	11.2	691	3.66	11	1.0	<0.1	4.9	204	0.3	0.8	0.1
1045586	Drill Core	5.41	0.055	1.0	2046	48.3	108	1.1	8.5	9.7	1905	3.01	19	1.3	<0.1	5.9	812	0.5	7.8	0.2
1045587	Drill Core	5.13	0.149	1.4	4571	13.3	54	2.0	10.8	10.1	444	3.31	2	1.2	<0.1	6.0	1054	0.3	0.3	0.4
1045588	Drill Core	5.98	0.056	1.9	2267	15.3	47	1.0	10.8	12.7	397	3.79	1	1.0	0.2	5.0	1163	0.1	0.2	0.4
1045589	Rock	0.62	<0.005	<0.1	12.6	0.2	<1	<0.1	<0.1	0.2	25	0.10	1	1.3	<0.1	<0.1	4460	<0.1	<0.1	<0.1
1045590	Drill Core	5.09	0.304	1.6	>10000	10.3	49	3.9	11.5	11.9	369	4.02	<1	1.1	0.3	5.6	1177	0.1	0.5	0.7
1045591	Drill Core	4.02	0.048	1.8	2937	18.4	73	2.5	8.2	11.0	643	3.28	3	1.5	<0.1	8.5	281	0.1	0.8	0.5
1045592	Drill Core	3.90	0.022	1.8	854.9	21.1	90	1.6	8.0	9.6	1116	2.90	18	1.6	<0.1	5.6	413	0.2	1.9	0.3
1045593	Drill Core	5.80	0.069	1.0	3136	62.3	240	5.0	11.4	12.3	2713	3.31	83	1.8	<0.1	17.2	338	1.2	10.3	0.4
1045594	Drill Core	4.87	0.017	3.2	638.9	23.1	100	0.8	7.9	12.1	1583	3.53	35	0.8	<0.1	3.7	714	0.5	4.8	0.2
1045595	Drill Core	5.32	0.025	1.4	844.3	32.1	125	1.0	9.2	9.2	1368	3.22	47	1.7	<0.1	5.3	783	0.5	11.3	<0.1
1045596	Drill Core	10.45	0.027	45.5	959.7	9.0	25	0.2	24.0	18.7	261	2.00	13	1.5	<0.1	4.0	291	0.2	1.1	0.2
1045597	Drill Core	8.69	0.012	56.0	669.9	11.5	39	0.2	38.7	26.3	203	2.59	25	1.6	<0.1	4.4	311	0.1	1.0	0.2
1045598	Drill Core	9.64	0.027	95.7	1066	8.5	33	0.2	34.3	28.0	364	2.48	133	1.7	<0.1	4.4	857	<0.1	9.6	0.2
1045599	Drill Core	7.90	0.043	81.3	1182	12.3	43	0.2	34.5	24.9	346	2.70	157	1.7	<0.1	4.2	889	0.2	6.5	0.2
1045600	Rock Pulp	0.10	0.951	166.2	3609	56.5	138	3.8	27.7	21.9	554	5.36	68	1.4	2.4	2.9	242	1.0	7.7	0.8
1045601	Drill Core	7.60	0.068	169.1	2009	18.2	39	0.5	43.6	35.9	283	3.03	74	1.8	<0.1	4.6	589	<0.1	1.1	0.2
1045602	Drill Core	8.87	0.036	45.7	793.9	10.4	31	0.1	87.5	24.3	311	2.98	40	1.7	<0.1	7.0	237	0.1	0.6	0.2
1045603	Drill Core	8.73	0.046	49.2	897.4	7.7	33	0.2	86.9	23.0	379	3.51	68	1.9	<0.1	7.1	246	<0.1	5.7	0.2
1045604	Drill Core	10.95	0.037	35.1	946.0	8.2	28	0.2	82.6	21.3	313	3.48	85	1.7	<0.1	7.1	456	0.2	3.5	0.1
1045605	Drill Core	10.56	0.030	57.8	1555	7.0	35	0.5	96.9	30.8	257	3.30	94	1.4	<0.1	6.2	324	<0.1	6.0	0.3
1045606	Drill Core	8.03	0.039	347.9	1419	10.6	34	0.4	49.6	15.6	248	1.80	35	1.0	<0.1	4.4	219	0.4	12.9	0.2
1045607	Drill Core	4.60	0.046	328.4	1423	10.5	35	0.4	51.9	15.3	239	1.72	38	1.0	<0.1	4.5	226	0.2	13.9	0.2
1045608	Drill Core	9.05	0.053	102.2	1918	13.8	47	0.6	38.8	11.2	238	1.36	22	0.9	<0.1	4.9	207	0.4	7.9	0.2
1045609	Drill Core	10.06	0.065	145.2	1280	13.3	43	0.5	49.8	13.8	288	1.55	26	1.4	<0.1	6.0	156	0.2	11.2	0.2
1045610	Drill Core	9.18	0.044	52.6	1438	14.4	42	0.5	65.9	19.8	284	2.35	12	1.4	<0.1	6.2	175	0.3	2.3	0.2
1045611	Drill Core	9.34	0.023	59.6	811.7	7.9	44	0.4	66.1	15.9	347	2.33	31	1.6	<0.1	7.5	73	0.3	2.7	0.3
1045612	Rock	0.50	<0.005	0.4	9.8	0.1	<1	<0.1	<0.1	0.4	39	0.11	4	1.3	<0.1	<0.1	3929	<0.1	<0.1	<0.1
1045613	Drill Core	8.67	0.035	78.5	1061	7.6	27	0.3	54.9	21.3	281	2.07	26	1.7	<0.1	6.6	83	<0.1	4.6	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045584	Drill Core	2.81	0.224	16.2	15	1.01	1082	0.326	7.44	0.723	2.37	1.8	10.6	42	0.8	15.5	9.9	0.5	2	9
1045585	Drill Core	2.87	0.220	16.7	14	0.99	1058	0.320	7.40	0.774	2.32	1.7	11.4	40	0.9	14.6	9.7	0.6	2	9
1045586	Drill Core	3.81	0.169	21.4	9	1.13	1492	0.251	7.10	0.749	3.09	1.4	11.4	48	0.9	15.0	8.0	0.5	<1	7
1045587	Drill Core	2.56	0.200	19.9	12	1.12	1343	0.301	7.57	1.904	2.87	0.4	11.2	44	1.0	15.4	9.7	0.6	2	8
1045588	Drill Core	2.82	0.154	14.4	15	1.14	1126	0.297	7.58	2.763	2.77	0.4	11.4	33	0.9	13.1	9.0	0.6	<1	7
1045589	Rock	38.43	0.005	0.2	<1	1.84	7	<0.001	0.03	0.008	<0.01	<0.1	0.2	<1	0.1	0.3	<0.1	<0.1	<1	<1
1045590	Drill Core	2.87	0.186	15.8	12	1.17	494	0.275	6.94	1.957	3.07	0.4	12.3	38	1.7	15.5	8.8	0.6	<1	7
1045591	Drill Core	3.85	0.173	21.8	11	1.06	1316	0.269	7.25	0.739	2.94	0.9	15.5	48	1.0	16.4	8.8	0.6	1	7
1045592	Drill Core	3.57	0.126	12.7	10	0.93	1226	0.248	6.92	1.136	2.80	0.8	17.7	29	0.6	11.2	7.3	0.5	1	6
1045593	Drill Core	4.20	0.340	31.7	9	1.17	673	0.288	6.41	0.622	2.64	1.8	12.8	73	1.1	29.4	13.5	0.9	2	10
1045594	Drill Core	2.86	0.134	10.4	11	0.95	966	0.274	7.32	1.727	2.66	0.8	13.3	26	0.6	9.9	7.4	0.5	1	6
1045595	Drill Core	3.37	0.126	12.5	10	0.89	1114	0.256	7.21	1.872	2.66	1.1	17.4	29	0.6	10.4	7.2	0.5	1	6
1045596	Drill Core	2.66	0.152	8.4	19	1.33	322	0.054	7.63	0.880	1.23	0.7	49.2	18	0.9	8.7	0.8	<0.1	2	9
1045597	Drill Core	2.62	0.167	9.4	22	1.27	242	0.057	9.28	0.583	1.67	0.7	50.7	19	1.1	7.7	0.9	<0.1	1	13
1045598	Drill Core	2.41	0.173	9.5	21	1.20	401	0.065	8.16	0.225	2.12	1.5	47.1	20	1.6	8.5	0.9	<0.1	<1	11
1045599	Drill Core	2.46	0.149	13.5	23	1.21	294	0.062	7.71	0.242	1.69	0.8	46.7	29	1.0	8.5	1.0	<0.1	<1	10
1045600	Rock Pulp	0.44	0.119	15.1	49	0.92	449	0.264	10.85	1.262	3.69	33.2	25.1	30	3.3	12.2	3.8	0.2	1	19
1045601	Drill Core	2.55	0.127	37.0	18	1.33	400	0.045	7.09	0.305	1.75	0.7	38.1	71	1.2	8.3	0.7	<0.1	1	8
1045602	Drill Core	1.58	0.079	21.0	86	1.39	888	0.140	11.28	1.007	2.93	0.3	43.1	45	1.1	8.4	2.2	0.2	2	25
1045603	Drill Core	1.58	0.087	15.8	84	1.51	1032	0.151	12.26	0.852	3.25	0.4	39.9	37	1.0	7.7	2.1	0.2	2	27
1045604	Drill Core	1.71	0.094	18.4	80	1.42	996	0.135	11.67	0.889	3.07	0.4	40.5	40	0.9	7.9	1.9	0.1	2	27
1045605	Drill Core	1.66	0.081	21.0	80	1.34	950	0.112	11.63	0.195	3.49	0.6	38.2	44	1.0	8.4	1.5	0.1	2	26
1045606	Drill Core	1.90	0.051	16.9	69	1.16	469	0.059	6.52	0.137	2.18	0.8	23.6	33	0.7	7.4	1.0	<0.1	<1	11
1045607	Drill Core	1.89	0.055	16.9	68	1.19	542	0.065	6.93	0.163	2.43	0.8	25.6	34	0.9	7.1	0.9	<0.1	<1	12
1045608	Drill Core	1.90	0.055	7.6	72	1.03	285	0.042	6.65	0.150	1.97	0.9	20.7	13	1.0	5.8	0.6	<0.1	1	9
1045609	Drill Core	2.47	0.057	15.2	76	1.20	275	0.092	7.23	0.096	1.63	1.1	45.6	30	1.0	9.3	1.2	<0.1	1	13
1045610	Drill Core	2.18	0.068	17.5	76	1.18	574	0.093	7.60	0.094	2.54	0.7	36.3	37	0.9	8.1	1.4	0.1	2	13
1045611	Drill Core	2.47	0.078	16.5	81	1.28	560	0.111	9.11	0.116	2.57	2.0	46.0	35	1.1	9.3	1.6	0.1	1	18
1045612	Rock	38.29	0.003	0.3	<1	1.39	10	0.002	0.06	0.004	0.01	<0.1	0.6	<1	<0.1	0.3	0.1	<0.1	<1	<1
1045613	Drill Core	2.50	0.067	20.9	73	1.26	467	0.082	7.69	0.105	2.11	0.8	47.3	41	0.7	9.4	1.2	<0.1	1	13



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045584	Drill Core	0.6	48.5	0.5	
1045585	Drill Core	0.4	51.1	0.5	
1045586	Drill Core	0.5	78.5	0.4	
1045587	Drill Core	0.7	100.5	0.4	
1045588	Drill Core	0.9	91.0	0.5	
1045589	Rock	<0.1	0.8	<0.1	
1045590	Drill Core	1.6	92.4	0.5	0.987
1045591	Drill Core	0.6	90.1	0.6	
1045592	Drill Core	0.5	92.6	0.7	
1045593	Drill Core	0.6	126.6	0.5	
1045594	Drill Core	0.5	92.2	0.5	
1045595	Drill Core	0.2	82.4	0.7	
1045596	Drill Core	1.3	32.8	1.4	
1045597	Drill Core	1.9	46.7	1.4	
1045598	Drill Core	1.7	67.9	1.4	
1045599	Drill Core	2.0	53.8	1.5	
1045600	Rock Pulp	2.6	132.1	0.7	
1045601	Drill Core	2.6	47.8	1.1	
1045602	Drill Core	1.3	77.7	1.3	
1045603	Drill Core	1.1	84.0	1.0	
1045604	Drill Core	1.2	84.2	1.1	
1045605	Drill Core	1.4	91.0	1.0	
1045606	Drill Core	1.0	63.3	0.7	
1045607	Drill Core	0.9	65.0	0.8	
1045608	Drill Core	0.6	62.3	0.5	
1045609	Drill Core	0.8	61.9	1.1	
1045610	Drill Core	1.1	69.2	1.2	
1045611	Drill Core	1.0	71.2	1.3	
1045612	Rock	<0.1	0.8	<0.1	
1045613	Drill Core	1.0	61.0	1.2	



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045614	Drill Core	7.17	0.026	52.2	1021	5.9	23	0.3	69.5	21.9	315	2.87	50	1.7	<0.1	6.9	121	0.2	9.1	0.3
1045615	Drill Core	8.33	0.064	109.0	2381	9.3	38	0.8	78.0	35.5	517	2.91	182	1.4	<0.1	5.7	609	<0.1	31.2	0.3
1045616	Drill Core	9.60	0.022	36.5	1015	10.0	33	0.4	82.1	29.3	342	2.60	155	1.9	<0.1	7.0	276	0.1	46.8	0.3
1045617	Rock Pulp	0.07	0.880	22.5	5246	6453	>10000	72.9	45.6	18.9	554	9.29	349	2.2	1.0	2.2	156	226.9	107.4	26.5
1045618	Drill Core	11.13	0.020	11.4	789.6	11.8	41	0.4	68.6	30.3	228	2.59	30	1.8	<0.1	7.7	97	0.3	7.9	0.2
1045619	Drill Core	10.52	0.013	6.8	611.0	7.5	27	0.2	51.3	24.2	254	2.20	17	1.4	<0.1	5.4	97	0.2	3.8	0.2
1045620	Drill Core	9.39	0.023	15.3	1253	6.9	22	0.3	62.1	40.6	283	2.49	31	1.6	<0.1	6.3	115	<0.1	6.1	0.2
1045621	Drill Core	10.94	0.012	96.7	544.1	5.7	22	0.3	46.0	18.1	347	1.71	26	2.0	<0.1	7.3	132	<0.1	9.5	0.2
1045622	Drill Core	9.28	0.007	59.3	306.4	8.1	28	0.2	49.8	16.1	304	1.65	27	1.7	<0.1	6.6	107	0.2	7.2	0.4
1045623	Drill Core	9.91	0.066	137.7	1764	13.3	33	1.4	116.9	66.5	653	4.09	46	2.3	0.2	6.4	152	<0.1	7.9	0.8
1045624	Drill Core	6.85	0.025	37.3	1519	6.0	20	0.6	66.1	36.5	308	2.80	33	3.1	<0.1	7.2	127	<0.1	9.5	0.3
1045625	Drill Core	3.38	0.019	8.6	969.4	5.2	19	0.3	63.3	27.9	293	2.52	34	2.0	<0.1	7.3	118	<0.1	9.0	0.3
1045626	Drill Core	5.18	0.019	41.5	869.7	6.2	20	0.2	54.8	20.4	244	2.12	32	2.1	<0.1	7.7	95	<0.1	7.5	0.2
1045627	Drill Core	6.53	0.018	12.8	706.3	9.1	32	0.2	65.1	25.6	293	2.12	32	1.6	<0.1	6.1	249	<0.1	11.1	0.2
1045628	Drill Core	5.78	0.022	76.4	762.7	18.4	56	0.8	57.3	41.9	737	2.99	34	1.6	<0.1	5.2	230	0.2	9.7	0.4
1045629	Drill Core	5.11	0.029	49.9	1010	90.0	184	1.6	67.2	29.1	2695	2.61	24	1.5	<0.1	4.9	298	1.0	7.4	0.3
1045630	Rock	0.52	<0.005	0.4	4.7	0.7	<1	<0.1	<0.1	0.2	40	0.04	<1	1.4	<0.1	<0.1	4508	<0.1	0.1	<0.1
1045631	Drill Core	6.11	0.042	22.8	523.0	278.6	352	1.7	52.6	20.6	2882	2.22	19	1.5	<0.1	5.7	251	2.0	6.9	0.4
1045632	Drill Core	5.36	0.009	13.3	384.1	58.8	82	0.4	44.0	16.5	988	1.74	11	1.5	<0.1	6.4	291	0.3	1.6	0.3
1045633	Drill Core	5.47	0.007	16.7	305.2	13.8	46	0.3	39.3	8.9	595	1.27	20	1.5	<0.1	6.2	473	0.2	1.3	0.3
1045634	Drill Core	4.25	0.013	50.5	349.5	19.3	67	0.4	39.7	8.1	596	1.43	20	1.5	<0.1	6.2	874	0.4	1.2	0.3
1045635	Drill Core	5.67	0.011	55.9	591.4	8.6	33	0.3	41.9	14.3	294	1.59	22	1.5	<0.1	6.3	250	<0.1	1.6	0.2
1045636	Drill Core	6.18	0.013	35.6	727.2	8.1	26	0.5	30.6	14.9	259	1.51	15	1.6	<0.1	6.3	334	0.1	1.4	0.2
1045637	Drill Core	6.56	0.009	29.4	468.0	8.1	27	0.3	48.0	14.1	177	1.39	16	2.2	<0.1	7.5	1179	<0.1	1.1	0.1
1045638	Rock Pulp	0.07	0.822	22.4	5136	6231	>10000	72.6	46.2	19.4	552	9.07	442	2.2	1.3	2.2	154	232.4	111.0	27.6
1045639	Drill Core	6.49	0.021	5.0	666.6	7.9	27	0.4	61.1	19.2	201	2.04	14	2.3	<0.1	8.0	482	<0.1	0.9	0.2
1045640	Drill Core	6.22	0.014	13.0	590.4	14.6	35	0.4	48.5	15.7	315	1.75	15	2.2	<0.1	8.4	583	0.1	0.5	0.1
1045641	Drill Core	5.38	0.016	27.0	637.9	64.0	325	0.7	48.0	23.1	652	1.65	18	2.7	<0.1	8.4	389	2.2	1.4	0.1
1045642	Drill Core	3.95	0.008	17.0	506.8	13.9	31	0.4	31.0	17.4	410	1.97	23	2.0	<0.1	4.8	379	<0.1	0.7	0.2
1045643	Drill Core	5.69	0.017	74.5	790.6	8.8	22	0.3	65.0	22.8	225	2.08	18	1.6	<0.1	4.9	254	<0.1	0.6	0.2



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045614	Drill Core	2.31	0.069	21.9	78	1.35	847	0.117	7.82	0.105	3.04	0.7	45.9	45	1.0	8.0	1.9	0.1	1	15
1045615	Drill Core	2.60	0.088	21.6	80	1.30	557	0.088	7.23	0.090	2.22	0.8	42.4	45	1.0	8.8	1.2	<0.1	1	14
1045616	Drill Core	2.29	0.072	21.5	91	1.28	643	0.129	8.60	0.098	2.28	2.1	52.4	45	1.4	9.1	1.8	0.1	1	16
1045617	Rock Pulp	1.83	0.052	10.6	32	0.91	122	0.175	3.80	1.281	0.74	1.0	30.5	23	51.7	11.4	5.2	0.2	<1	8
1045618	Drill Core	1.80	0.075	26.5	93	1.10	360	0.077	8.79	0.221	2.19	0.7	55.2	52	0.8	10.0	1.2	<0.1	2	16
1045619	Drill Core	1.95	0.061	25.5	75	0.94	378	0.051	7.61	0.256	1.49	0.6	38.3	53	0.7	8.8	0.8	<0.1	<1	12
1045620	Drill Core	2.15	0.064	21.9	92	1.07	237	0.063	7.89	0.183	1.43	0.6	42.5	44	0.8	8.7	0.9	<0.1	1	14
1045621	Drill Core	2.14	0.066	22.8	83	1.14	220	0.068	8.70	0.301	1.59	1.0	52.6	46	0.7	10.3	1.1	<0.1	<1	14
1045622	Drill Core	1.98	0.061	14.9	85	1.04	141	0.079	7.33	0.227	0.94	1.1	49.9	27	0.6	8.5	1.3	0.1	1	11
1045623	Drill Core	2.96	0.069	22.2	73	1.57	49	0.053	6.39	0.195	1.67	1.1	40.3	39	1.4	8.7	0.8	<0.1	<1	10
1045624	Drill Core	1.65	0.069	36.9	77	1.12	92	0.113	7.65	0.128	2.71	1.0	55.7	64	1.4	10.0	1.8	0.1	1	13
1045625	Drill Core	1.40	0.069	20.8	78	1.05	87	0.125	7.64	0.125	2.66	1.0	54.9	42	1.3	8.9	2.0	0.1	2	13
1045626	Drill Core	1.50	0.053	22.6	76	1.08	94	0.121	7.46	0.132	2.27	0.8	60.1	45	0.8	9.0	1.8	0.1	1	13
1045627	Drill Core	1.92	0.055	20.2	88	1.24	132	0.083	7.28	0.138	2.16	0.8	47.5	39	1.0	7.2	1.3	0.1	1	12
1045628	Drill Core	1.99	0.050	21.3	75	1.16	57	0.052	6.59	0.134	2.15	1.2	38.3	41	1.1	6.7	0.8	<0.1	1	9
1045629	Drill Core	2.27	0.052	10.5	70	1.12	100	0.060	6.64	0.244	2.07	0.9	40.4	21	0.7	6.8	0.9	<0.1	<1	9
1045630	Rock	36.43	0.004	0.6	<1	1.55	9	0.001	0.03	0.001	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045631	Drill Core	0.97	0.052	13.8	69	0.79	62	0.067	6.87	0.212	3.05	1.1	43.3	28	1.3	5.9	1.1	<0.1	1	12
1045632	Drill Core	1.96	0.063	6.6	65	1.05	292	0.076	7.58	0.569	2.22	1.4	49.2	13	1.0	6.9	1.4	0.1	1	12
1045633	Drill Core	2.07	0.068	6.6	60	1.01	276	0.121	7.93	0.790	1.41	1.6	49.1	13	1.4	7.1	1.8	0.1	1	13
1045634	Drill Core	2.35	0.068	10.9	52	1.25	456	0.128	8.18	0.942	2.36	1.8	51.7	23	1.9	8.6	2.0	0.2	2	14
1045635	Drill Core	2.21	0.064	8.7	50	1.29	360	0.089	7.61	0.761	1.93	1.0	51.1	18	0.9	7.4	1.7	0.1	1	12
1045636	Drill Core	1.81	0.054	7.1	57	1.12	396	0.074	7.50	1.267	1.65	0.9	52.5	14	0.6	7.2	1.4	0.1	2	11
1045637	Drill Core	1.99	0.057	17.3	53	1.17	713	0.114	8.24	2.170	1.74	0.7	58.8	36	0.8	10.2	1.9	0.1	2	13
1045638	Rock Pulp	1.80	0.047	10.7	34	0.88	198	0.188	3.75	1.193	0.68	1.0	33.7	23	54.5	10.7	4.2	0.2	<1	8
1045639	Drill Core	1.80	0.061	25.7	65	1.28	177	0.108	7.68	1.330	2.55	0.6	50.1	51	0.9	9.7	1.7	0.1	2	13
1045640	Drill Core	1.48	0.064	19.4	56	1.26	365	0.147	7.96	0.888	2.29	0.7	54.1	40	1.1	9.5	2.6	0.2	2	14
1045641	Drill Core	2.12	0.063	23.9	50	1.33	572	0.137	7.79	0.115	2.05	1.1	57.8	46	0.9	10.7	2.4	0.2	2	13
1045642	Drill Core	2.15	0.125	7.1	5	1.25	200	0.088	8.02	0.201	1.73	0.8	56.7	14	0.8	7.0	1.8	0.1	1	7
1045643	Drill Core	1.80	0.059	15.1	76	1.02	79	0.118	6.82	1.155	1.89	0.6	46.0	32	1.0	7.6	1.9	0.1	2	12



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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045614	Drill Core	1.2	81.4	1.5	
1045615	Drill Core	1.7	56.7	1.1	
1045616	Drill Core	1.5	61.0	1.6	
1045617	Rock Pulp	9.7	24.6	1.0	
1045618	Drill Core	1.9	71.8	1.6	
1045619	Drill Core	1.6	45.6	0.9	
1045620	Drill Core	1.9	45.3	1.3	
1045621	Drill Core	1.1	53.8	1.6	
1045622	Drill Core	1.3	34.7	1.3	
1045623	Drill Core	3.8	56.5	1.2	
1045624	Drill Core	2.0	69.7	1.4	
1045625	Drill Core	1.7	68.7	1.5	
1045626	Drill Core	1.2	55.8	1.5	
1045627	Drill Core	1.7	53.1	1.4	
1045628	Drill Core	2.7	59.1	1.1	
1045629	Drill Core	1.8	62.1	1.1	
1045630	Rock	<0.1	0.5	<0.1	
1045631	Drill Core	1.6	117.1	1.1	
1045632	Drill Core	1.2	84.2	1.4	
1045633	Drill Core	1.0	50.1	1.3	
1045634	Drill Core	0.8	78.1	1.5	
1045635	Drill Core	1.1	55.6	1.5	
1045636	Drill Core	1.1	45.3	1.5	
1045637	Drill Core	0.9	51.4	1.5	
1045638	Rock Pulp	9.8	22.2	1.0	
1045639	Drill Core	1.3	70.9	1.4	
1045640	Drill Core	0.9	62.2	1.5	
1045641	Drill Core	1.0	56.0	1.6	
1045642	Drill Core	1.6	41.9	1.6	
1045643	Drill Core	1.8	43.1	1.2	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045644	Drill Core	6.25	0.015	79.1	564.4	8.1	21	0.2	55.6	14.4	199	1.51	6	1.4	<0.1	5.4	268	<0.1	0.5	0.1
1045645	Drill Core	6.77	0.012	99.2	445.7	6.6	20	0.2	48.9	17.0	157	1.40	3	1.3	<0.1	4.9	375	<0.1	0.4	0.1
1045646	Drill Core	6.20	0.014	52.3	555.5	7.6	20	0.2	65.2	14.7	143	1.45	3	1.4	<0.1	4.8	393	<0.1	0.3	0.1
1045647	Drill Core	2.10	0.009	60.3	385.4	9.5	21	0.2	67.4	14.1	158	1.40	3	1.3	<0.1	4.7	753	<0.1	0.2	<0.1
1045648	Drill Core	5.85	0.013	15.8	580.9	6.3	18	0.2	74.8	17.2	144	1.99	9	1.5	<0.1	5.6	506	<0.1	0.3	0.1
1045649	Drill Core	6.52	0.010	9.7	698.8	31.9	76	0.7	84.0	26.2	404	2.63	19	1.5	<0.1	5.9	310	0.3	2.7	0.3
1045650	Drill Core	6.55	0.014	18.2	914.9	39.6	57	0.7	66.9	25.5	541	2.57	28	1.7	<0.1	5.9	158	0.2	4.7	0.2
1045651	Drill Core	6.33	0.013	11.7	714.3	7.9	25	0.3	70.2	21.3	216	2.34	7	1.4	<0.1	5.1	427	<0.1	0.9	0.1
1045652	Rock	0.52	<0.005	0.1	2.9	0.2	<1	<0.1	<0.1	<0.2	30	<0.01	<1	1.6	<0.1	<0.1	4072	<0.1	<0.1	<0.1
1045653	Drill Core	6.10	0.034	121.8	1652	12.6	38	0.5	64.2	19.0	206	1.98	24	1.6	<0.1	5.2	623	<0.1	2.4	0.1
1045654	Drill Core	2.78	0.014	15.2	965.6	11.1	38	0.4	58.8	32.7	244	3.02	10	1.4	<0.1	5.7	456	0.1	1.2	0.2
1045655	Drill Core	4.29	0.016	9.5	1153	17.7	56	0.5	38.9	47.2	328	3.94	4	1.5	<0.1	4.0	257	0.2	1.4	0.2
1045656	Drill Core	6.94	0.019	29.5	1169	11.4	31	0.5	67.2	37.8	298	3.49	23	1.7	<0.1	6.0	104	<0.1	4.0	0.2
1045657	Drill Core	5.50	0.012	24.7	503.0	13.2	54	0.3	56.3	16.2	268	1.92	17	1.1	<0.1	4.9	168	0.2	2.3	0.1
1045658	Rock Pulp	0.10	0.466	141.2	3564	24.3	68	2.3	41.5	21.9	407	4.60	50	0.8	0.4	2.3	207	0.5	3.8	0.4
1045659	Drill Core	7.21	0.029	73.4	871.5	11.9	44	0.2	58.8	19.9	245	1.80	12	0.9	<0.1	4.5	494	0.2	1.4	0.1
1045660	Drill Core	6.80	0.022	17.4	1287	9.8	37	0.4	73.3	26.5	199	2.53	6	1.0	<0.1	5.0	349	0.1	1.0	0.1
1045661	Drill Core	6.11	0.027	55.1	1219	6.1	31	0.4	82.8	24.0	264	2.78	4	1.0	<0.1	5.7	637	0.1	0.5	0.1
1045662	Drill Core	6.76	0.035	40.0	1597	4.8	28	0.5	103.6	31.0	275	3.02	3	1.1	<0.1	6.0	203	<0.1	0.2	0.1
1045663	Drill Core	5.60	0.038	44.4	1725	3.3	26	1.1	74.6	22.4	460	2.51	6	0.9	<0.1	5.4	185	<0.1	0.4	0.3
1045664	Drill Core	6.95	0.031	23.2	834.9	5.4	22	0.6	57.0	17.7	502	1.97	10	1.1	<0.1	6.0	200	<0.1	0.8	0.2
1045665	Drill Core	4.40	0.019	38.5	930.1	5.5	25	0.3	60.7	21.0	376	2.34	5	1.1	<0.1	5.6	130	<0.1	0.5	0.2
1045666	Drill Core	6.01	0.018	34.1	731.6	9.3	26	0.1	19.2	17.8	339	1.78	3	1.3	<0.1	3.9	144	0.1	0.7	0.2
1045667	Drill Core	3.67	0.011	25.3	644.8	7.2	22	<0.1	30.9	18.4	292	1.96	3	1.2	<0.1	4.6	136	<0.1	0.5	0.2
1045668	Drill Core	6.08	0.016	46.4	864.9	33.8	51	0.2	12.1	17.3	402	1.48	8	1.3	<0.1	3.8	281	0.2	1.2	0.2
1045669	Drill Core	5.68	0.027	26.4	1342	10.3	30	0.4	15.0	25.7	615	2.19	7	1.3	<0.1	4.0	229	0.2	0.9	0.2
1045670	Rock	0.45	<0.005	12.1	28.1	0.5	2	<0.1	0.3	0.3	33	0.04	<1	1.3	<0.1	0.1	3966	<0.1	0.2	<0.1
1045671	Drill Core	5.20	0.024	32.6	1315	13.1	35	0.3	16.2	17.4	412	1.65	7	1.4	<0.1	3.9	242	0.1	0.7	0.1
1045672	Drill Core	2.26	0.016	7.1	933.9	9.4	29	0.4	28.2	22.8	731	3.25	9	1.3	<0.1	3.5	237	0.1	0.9	0.6
1045673	Drill Core	5.62	0.014	242.8	1082	8.6	26	0.6	45.0	14.0	335	1.74	19	1.1	<0.1	5.9	382	<0.1	1.2	0.2



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045644	Drill Core	2.07	0.067	19.5	70	1.21	319	0.094	7.26	1.478	1.66	0.8	46.0	40	0.8	8.9	1.5	0.1	1	13
1045645	Drill Core	2.45	0.059	16.2	64	1.26	149	0.095	7.01	1.728	1.62	1.1	40.9	32	1.0	8.2	1.7	0.1	1	11
1045646	Drill Core	2.25	0.063	12.3	67	1.16	133	0.102	7.01	2.003	1.56	0.9	44.9	26	0.9	8.2	1.7	0.1	2	12
1045647	Drill Core	2.29	0.060	12.9	71	1.19	272	0.093	7.02	2.199	1.48	0.6	42.0	27	0.6	8.2	1.5	0.1	1	13
1045648	Drill Core	2.24	0.068	18.2	74	1.17	111	0.092	7.60	1.849	1.89	0.5	45.0	38	0.9	8.9	1.3	<0.1	2	14
1045649	Drill Core	1.88	0.069	21.3	74	1.13	103	0.093	7.81	0.979	2.59	0.7	44.1	42	1.0	9.3	1.3	<0.1	1	13
1045650	Drill Core	2.07	0.064	27.4	78	1.19	155	0.109	7.78	0.115	2.09	0.9	45.8	56	1.0	9.9	1.6	<0.1	2	13
1045651	Drill Core	1.60	0.069	17.3	80	1.37	99	0.135	7.47	1.665	1.98	0.4	44.8	36	0.9	9.3	1.5	0.1	1	14
1045652	Rock	37.17	0.004	0.4	<1	1.86	4	<0.001	0.03	0.003	<0.01	<0.1	0.5	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045653	Drill Core	1.57	0.066	19.5	73	1.19	100	0.118	7.41	1.775	2.13	0.8	44.2	40	1.0	9.1	1.6	0.1	2	13
1045654	Drill Core	1.47	0.070	10.8	76	1.21	70	0.117	7.45	1.986	2.03	0.8	44.0	24	1.1	8.4	1.6	0.1	<1	14
1045655	Drill Core	2.03	0.129	8.7	36	1.30	58	0.111	7.63	1.867	1.80	0.6	59.4	19	1.0	9.0	1.1	<0.1	1	9
1045656	Drill Core	1.85	0.063	18.7	77	1.12	45	0.098	7.53	1.064	2.16	0.8	37.9	38	1.0	7.2	1.3	<0.1	<1	13
1045657	Drill Core	2.18	0.058	19.1	76	1.02	198	0.111	7.28	0.723	1.90	0.5	38.2	37	0.9	8.2	1.7	<0.1	1	13
1045658	Rock Pulp	0.40	0.101	14.9	74	1.02	87	0.280	6.80	1.433	6.02	12.1	25.4	29	2.3	11.1	2.8	0.2	1	16
1045659	Drill Core	2.35	0.052	22.0	80	1.06	116	0.119	7.07	1.639	1.85	0.6	36.0	42	0.6	9.2	1.9	0.1	2	11
1045660	Drill Core	1.90	0.060	16.4	86	1.28	89	0.138	7.55	1.866	1.92	0.5	37.9	32	0.8	9.2	4.4	0.1	<1	14
1045661	Drill Core	1.60	0.057	21.9	95	1.35	92	0.152	7.71	1.262	2.64	0.6	34.5	44	1.3	9.0	3.7	0.1	2	14
1045662	Drill Core	1.15	0.072	19.0	97	1.43	79	0.135	7.70	1.231	3.00	0.6	37.1	38	1.2	9.0	2.0	0.1	1	14
1045663	Drill Core	0.95	0.073	19.3	84	1.42	124	0.120	7.78	0.695	3.48	1.2	31.6	39	1.3	8.3	2.0	0.1	1	14
1045664	Drill Core	1.11	0.065	16.9	79	1.17	339	0.150	7.55	0.765	3.30	1.4	35.0	34	1.8	8.3	2.4	0.2	2	14
1045665	Drill Core	1.89	0.074	14.6	78	1.34	190	0.124	7.78	1.030	2.53	0.7	36.9	30	1.0	8.9	2.0	0.1	2	15
1045666	Drill Core	2.19	0.145	7.5	12	1.42	419	0.084	10.25	1.104	2.30	0.9	53.8	14	0.9	8.5	1.4	0.1	1	11
1045667	Drill Core	2.31	0.116	9.1	30	1.50	439	0.097	9.91	0.958	2.25	0.7	46.2	18	0.8	8.5	1.7	0.1	2	14
1045668	Drill Core	2.09	0.123	8.3	6	0.99	416	0.061	7.81	1.529	2.29	0.9	48.6	17	1.0	7.7	1.1	<0.1	1	5
1045669	Drill Core	2.26	0.132	7.2	9	1.09	413	0.086	9.98	1.390	2.62	0.6	43.9	15	1.0	7.4	1.3	<0.1	2	9
1045670	Rock	37.59	0.005	0.4	2	1.88	12	0.004	0.16	0.022	0.04	<0.1	0.7	<1	<0.1	0.4	0.2	<0.1	<1	<1
1045671	Drill Core	2.11	0.125	8.6	8	1.07	405	0.088	9.41	1.960	2.41	0.8	48.7	18	0.8	6.6	1.4	<0.1	2	8
1045672	Drill Core	2.13	0.142	10.6	10	1.06	405	0.087	10.34	1.448	2.54	3.2	50.3	23	2.4	8.5	1.1	<0.1	2	10
1045673	Drill Core	2.23	0.080	22.2	74	1.15	435	0.178	7.77	1.845	2.06	0.8	33.9	42	0.8	10.1	2.0	0.2	2	15



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Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

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Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
1045644	Drill Core	1.3	38.2	1.3
1045645	Drill Core	2.1	34.8	1.1
1045646	Drill Core	2.1	36.9	1.3
1045647	Drill Core	1.9	32.6	1.2
1045648	Drill Core	2.2	49.2	1.4
1045649	Drill Core	2.1	83.6	1.2
1045650	Drill Core	1.8	61.9	1.3
1045651	Drill Core	1.7	54.0	1.3
1045652	Rock	<0.1	0.3	<0.1
1045653	Drill Core	1.6	51.3	1.4
1045654	Drill Core	2.6	49.6	1.2
1045655	Drill Core	2.9	43.8	1.7
1045656	Drill Core	3.0	53.0	1.2
1045657	Drill Core	1.4	47.5	1.0
1045658	Rock Pulp	2.1	144.0	0.7
1045659	Drill Core	1.8	43.9	0.9
1045660	Drill Core	2.0	49.2	1.1
1045661	Drill Core	1.9	65.5	1.0
1045662	Drill Core	2.0	74.7	1.1
1045663	Drill Core	1.4	83.1	0.9
1045664	Drill Core	1.3	90.1	0.9
1045665	Drill Core	1.3	69.5	1.0
1045666	Drill Core	1.1	53.6	1.4
1045667	Drill Core	1.1	52.3	1.3
1045668	Drill Core	1.1	57.8	1.3
1045669	Drill Core	1.2	68.6	1.2
1045670	Rock	<0.1	1.6	<0.1
1045671	Drill Core	0.8	67.8	1.4
1045672	Drill Core	2.4	60.9	1.4
1045673	Drill Core	0.7	75.0	0.9



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045674	Drill Core	6.11	0.070	54.9	2843	46.9	78	3.1	29.5	24.6	2685	2.78	13	1.3	0.1	3.9	171	0.2	2.5	0.7
1045675	Rock Pulp	0.10	0.947	155.2	3499	46.0	122	3.1	27.2	20.1	477	5.04	69	0.9	0.9	2.2	206	0.8	6.8	0.6
1045676	Drill Core	6.13	0.061	35.1	2647	25.9	130	2.7	29.8	34.4	1466	2.74	43	1.5	<0.1	3.8	428	0.7	9.3	0.3
1045677	Drill Core	4.97	0.069	56.3	2447	33.1	100	1.8	27.5	37.2	898	3.03	147	1.2	<0.1	3.8	706	0.3	16.3	0.2
1045678	Drill Core	1.33	0.006	2.9	275.3	17.0	88	0.5	19.0	18.7	1072	4.38	70	1.2	<0.1	3.7	1247	0.2	4.2	0.1
1045679	Drill Core	3.42	0.053	22.8	2099	17.5	86	1.8	35.7	38.6	1563	3.36	157	1.1	<0.1	3.9	951	0.2	10.5	0.2
1045680	Drill Core	5.27	0.022	95.2	1054	73.6	163	1.9	51.6	15.5	1467	2.38	258	1.4	<0.1	6.8	608	0.6	24.5	0.2
1045681	Drill Core	6.24	0.048	50.7	2313	98.0	160	2.9	63.6	31.8	1941	3.22	145	1.1	<0.1	5.4	272	0.9	10.6	0.2



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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045674	Drill Core	1.79	0.098	25.8	42	1.11	466	0.114	7.53	0.280	3.39	2.0	34.0	46	1.6	7.8	0.9	<0.1	<1	9
1045675	Rock Pulp	0.45	0.092	14.6	51	0.84	71	0.238	7.33	1.139	5.90	23.2	21.6	28	2.6	11.5	3.2	0.2	2	13
1045676	Drill Core	2.50	0.118	24.7	43	1.45	393	0.111	7.78	0.087	2.82	0.9	39.2	46	1.1	9.9	1.2	<0.1	2	10
1045677	Drill Core	2.65	0.119	20.9	47	1.40	247	0.207	7.56	0.062	2.21	1.4	38.7	40	1.1	9.0	2.2	<0.1	<1	10
1045678	Drill Core	3.20	0.189	22.6	30	1.69	440	0.632	8.30	0.047	1.34	0.9	102.5	45	0.9	13.5	8.1	0.4	2	14
1045679	Drill Core	2.85	0.109	21.6	39	1.50	244	0.235	7.70	0.043	2.42	1.5	37.3	39	1.3	8.8	2.3	0.1	2	11
1045680	Drill Core	1.60	0.053	22.6	75	1.20	506	0.145	7.63	0.068	3.35	1.5	33.2	43	1.0	6.7	2.1	0.1	2	13
1045681	Drill Core	1.78	0.049	27.5	92	1.24	429	0.132	6.81	0.069	3.02	1.3	64.3	52	1.1	8.6	2.1	0.1	2	15



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CERTIFICATE OF ANALYSIS

SMI11000527.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1045674	Drill Core	1.1	122.5	0.9	
1045675	Rock Pulp	2.7	143.1	0.6	
1045676	Drill Core	1.1	115.5	1.0	
1045677	Drill Core	1.3	85.3	0.9	
1045678	Drill Core	0.3	58.9	2.7	
1045679	Drill Core	1.5	98.1	1.0	
1045680	Drill Core	0.8	102.1	0.9	
1045681	Drill Core	1.6	106.9	2.6	



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QUALITY CONTROL REPORT

SMI11000527.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
REP G1	QC	<0.005																				
1045572	Rock	0.46	<0.005	0.1	2.1	0.3	<1	<0.1	<0.1	0.2	25	0.10	<1	1.5	<0.1	<0.1	4134	<0.1	<0.1	<0.1	2	
REP 1045572	QC			0.2	2.1	0.6	<1	<0.1	<0.1	0.2	27	0.11	2	1.5	<0.1	<0.1	3986	<0.1	<0.1	<0.1	2	
1045596	Drill Core	10.45	0.027	45.5	959.7	9.0	25	0.2	24.0	18.7	261	2.00	13	1.5	<0.1	4.0	291	0.2	1.1	0.2	64	
REP 1045596	QC			31.1	952.8	8.6	25	0.2	24.5	17.5	252	1.91	11	1.4	<0.1	4.0	283	<0.1	1.1	0.2	61	
1045613	Drill Core	8.67	0.035	78.5	1061	7.6	27	0.3	54.9	21.3	281	2.07	26	1.7	<0.1	6.6	83	<0.1	4.6	0.2	116	
REP 1045613	QC			0.030																		
1045620	Drill Core	9.39	0.023	15.3	1253	6.9	22	0.3	62.1	40.6	283	2.49	31	1.6	<0.1	6.3	115	<0.1	6.1	0.2	104	
REP 1045620	QC			0.031																		
1045634	Drill Core	4.25	0.013	50.5	349.5	19.3	67	0.4	39.7	8.1	596	1.43	20	1.5	<0.1	6.2	874	0.4	1.2	0.3	105	
REP 1045634	QC			55.7	356.2	19.5	60	0.4	38.6	7.9	589	1.44	20	1.7	<0.1	6.2	851	0.4	1.3	0.4	104	
1045646	Drill Core	6.20	0.014	52.3	555.5	7.6	20	0.2	65.2	14.7	143	1.45	3	1.4	<0.1	4.8	393	<0.1	0.3	0.1	93	
REP 1045646	QC			51.3	565.9	7.2	19	0.3	63.7	15.2	144	1.46	4	1.3	<0.1	4.7	403	<0.1	0.2	0.1	94	
Core Reject Duplicates																						
1045584	Drill Core	4.59	0.037	13.5	1557	15.5	98	0.8	11.6	12.8	744	4.09	7	1.0	<0.1	4.6	191	0.2	0.8	0.2	91	
DUP 1045584	QC			0.034	19.4	1511	17.0	102	1.1	10.8	12.5	756	4.04	7	1.1	<0.1	5.0	194	0.2	0.7	0.2	91
1045619	Drill Core	10.52	0.013	6.8	611.0	7.5	27	0.2	51.3	24.2	254	2.20	17	1.4	<0.1	5.4	97	0.2	3.8	0.2	86	
DUP 1045619	QC			0.009	7.2	611.7	7.0	27	0.2	49.5	25.4	248	2.13	17	1.6	<0.1	5.8	101	<0.1	4.1	0.2	93
1045654	Drill Core	2.78	0.014	15.2	965.6	11.1	38	0.4	58.8	32.7	244	3.02	10	1.4	<0.1	5.7	456	0.1	1.2	0.2	101	
DUP 1045654	QC			0.008	16.8	983.6	12.8	38	0.4	60.2	32.4	249	3.02	11	1.5	<0.1	5.4	476	0.1	1.2	0.2	100
Reference Materials																						
STD OREAS131B	Standard																					
STD OREAS131B	Standard																					
STD OREAS24P	Standard			1.5	50.2	2.7	114	<0.1	142.6	46.5	1085	7.16	1	0.3	<0.1	2.7	343	<0.1	<0.1	<0.1	161	
STD OREAS24P	Standard			1.3	46.2	2.7	111	<0.1	127.6	41.7	989	6.98	<1	0.7	<0.1	2.8	355	<0.1	0.1	<0.1	154	
STD OREAS24P	Standard			1.3	50.1	3.0	116	0.1	136.0	44.2	1090	7.32	3	0.6	<0.1	2.9	377	<0.1	<0.1	<0.1	161	
STD OREAS24P	Standard			1.5	50.7	2.9	120	<0.1	138.8	45.6	1144	7.52	2	0.7	<0.1	2.9	380	0.1	<0.1	<0.1	167	
STD OREAS24P	Standard			1.5	52.4	3.2	112	<0.1	151.8	51.0	1161	7.66	1	0.7	<0.1	3.0	394	<0.1	0.2	<0.1	160	



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Project: Poplar Drilling
Report Date: November 30, 2011

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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC																				
1045572	Rock	39.43	0.003	0.2	<1	1.74	5	0.002	0.05	0.005	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1	0.2
REP 1045572	QC	38.40	0.004	0.2	<1	1.75	6	0.001	0.07	0.004	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1	0.2
1045596	Drill Core	2.66	0.152	8.4	19	1.33	322	0.054	7.63	0.880	1.23	0.7	49.2	18	0.9	8.7	0.8	<0.1	2	9	31.3
REP 1045596	QC	2.57	0.144	8.1	17	1.28	312	0.048	7.53	0.844	1.20	0.5	46.1	17	0.8	8.2	0.7	<0.1	1	8	32.0
1045613	Drill Core	2.50	0.067	20.9	73	1.26	467	0.082	7.69	0.105	2.11	0.8	47.3	41	0.7	9.4	1.2	<0.1	1	13	32.4
REP 1045613	QC																				
1045620	Drill Core	2.15	0.064	21.9	92	1.07	237	0.063	7.89	0.183	1.43	0.6	42.5	44	0.8	8.7	0.9	<0.1	1	14	54.8
REP 1045620	QC																				
1045634	Drill Core	2.35	0.068	10.9	52	1.25	456	0.128	8.18	0.942	2.36	1.8	51.7	23	1.9	8.6	2.0	0.2	2	14	32.0
REP 1045634	QC	2.30	0.068	9.7	50	1.24	457	0.120	7.97	0.931	2.32	1.8	49.8	20	1.6	8.1	1.8	0.1	2	14	31.8
1045646	Drill Core	2.25	0.063	12.3	67	1.16	133	0.102	7.01	2.003	1.56	0.9	44.9	26	0.9	8.2	1.7	0.1	2	12	32.6
REP 1045646	QC	2.30	0.064	12.7	67	1.19	175	0.096	7.12	2.088	1.57	0.8	43.5	25	0.9	8.2	1.7	0.1	1	12	31.0
Core Reject Duplicates																					
1045584	Drill Core	2.81	0.224	16.2	15	1.01	1082	0.326	7.44	0.723	2.37	1.8	10.6	42	0.8	15.5	9.9	0.5	2	9	114.4
DUP 1045584	QC	2.82	0.221	17.1	15	1.02	1103	0.328	7.43	0.739	2.33	2.4	10.7	43	0.8	15.8	9.7	0.6	2	9	121.8
1045619	Drill Core	1.95	0.061	25.5	75	0.94	378	0.051	7.61	0.256	1.49	0.6	38.3	53	0.7	8.8	0.8	<0.1	<1	12	46.4
DUP 1045619	QC	1.97	0.071	24.9	79	0.98	466	0.057	8.17	0.277	1.72	0.6	43.4	53	0.9	9.1	0.9	<0.1	2	14	49.8
1045654	Drill Core	1.47	0.070	10.8	76	1.21	70	0.117	7.45	1.986	2.03	0.8	44.0	24	1.1	8.4	1.6	0.1	<1	14	22.4
DUP 1045654	QC	1.65	0.063	10.2	78	1.19	62	0.107	7.26	2.010	1.97	0.6	42.3	22	0.9	8.2	1.4	<0.1	2	14	23.1
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS24P	Standard	5.72	0.123	18.8	218	3.92	260	1.069	7.14	2.342	0.62	0.5	126.3	35	1.5	20.9	19.0	1.0	1	20	6.5
STD OREAS24P	Standard	5.36	0.126	17.0	188	3.79	254	0.995	7.25	2.309	0.58	0.4	123.2	34	1.5	19.8	17.0	1.1	1	18	9.4
STD OREAS24P	Standard	5.74	0.128	17.6	162	4.01	268	1.075	7.50	2.415	0.66	0.5	129.6	36	1.5	21.5	18.6	1.1	1	20	7.8
STD OREAS24P	Standard	6.05	0.140	18.4	190	4.08	269	1.124	7.73	2.425	0.67	0.4	134.7	37	1.9	22.2	19.5	1.1	1	20	9.3
STD OREAS24P	Standard	5.93	0.137	20.1	206	4.17	295	1.081	7.97	2.362	0.63	0.4	135.7	37	1.6	21.3	19.3	1.1	1	21	8.7



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QUALITY CONTROL REPORT

SMI11000527.1

Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
REP G1	QC				
1045572	Rock	<0.1	0.2	<0.1	
REP 1045572	QC	<0.1	0.2	<0.1	
1045596	Drill Core	1.3	32.8	1.4	
REP 1045596	QC	1.2	30.9	1.3	
1045613	Drill Core	1.0	61.0	1.2	
REP 1045613	QC				
1045620	Drill Core	1.9	45.3	1.3	
REP 1045620	QC				
1045634	Drill Core	0.8	78.1	1.5	
REP 1045634	QC	0.8	71.7	1.3	
1045646	Drill Core	2.1	36.9	1.3	
REP 1045646	QC	2.1	36.2	1.2	
Core Reject Duplicates					
1045584	Drill Core	0.6	48.5	0.5	
DUP 1045584	QC	0.6	49.3	0.5	
1045619	Drill Core	1.6	45.6	0.9	
DUP 1045619	QC	1.5	50.4	1.4	
1045654	Drill Core	2.6	49.6	1.2	
DUP 1045654	QC	2.6	45.6	1.3	
Reference Materials					
STD OREAS131B	Standard				0.022
STD OREAS131B	Standard				0.021
STD OREAS24P	Standard	<0.1	20.2	3.1	
STD OREAS24P	Standard	<0.1	19.6	3.2	
STD OREAS24P	Standard	<0.1	22.5	3.6	
STD OREAS24P	Standard	<0.1	28.8	3.4	
STD OREAS24P	Standard	<0.1	22.1	3.5	



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS24P	Standard			1.5	50.1	3.2	115	<0.1	136.4	45.4	1121	7.59	2	0.8	<0.1	2.8	392	0.2	<0.1	<0.1	164
STD OREAS45C	Standard			2.2	606.6	25.3	84	0.4	341.1	106.0	1170	18.80	14	2.1	<0.1	10.7	24	0.1	0.9	0.2	278
STD OREAS45C	Standard			2.0	609.1	24.4	85	0.1	328.1	98.5	1097	16.97	11	2.3	<0.1	10.7	33	0.1	0.8	0.2	259
STD OREAS45C	Standard			2.0	603.1	24.4	83	0.3	335.0	95.9	1166	17.45	11	2.3	<0.1	10.9	32	0.3	0.7	0.2	265
STD OREAS45C	Standard			2.2	643.4	25.9	92	0.4	359.4	105.2	1226	18.40	11	2.6	<0.1	11.4	33	0.3	0.9	0.2	284
STD OREAS45C	Standard			2.3	612.7	24.9	74	0.3	322.2	105.4	1220	17.90	13	2.3	<0.1	10.7	39	0.2	0.8	0.2	276
STD OREAS45C	Standard			2.3	624.2	26.4	83	0.4	331.5	102.7	1187	17.90	12	2.3	<0.1	10.4	36	0.3	0.8	0.3	273
STD OXH82	Standard		1.307																		
STD OXH82	Standard		1.207																		
STD OXH82	Standard		1.351																		
STD OXH82	Standard		1.296																		
STD OXH82	Standard		1.311																		
STD OXK79	Standard		3.742																		
STD OXK79	Standard		3.456																		
STD OXK79	Standard		3.645																		
STD OXK79	Standard		3.746																		
STD OXK79	Standard		3.575																		
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
STD OREAS131B Expected																					
STD SU-1B Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.81	0.139	18.8	196	4.01	282	1.051	7.86	2.337	0.64	0.5	139.7	39	1.7	22.7	19.2	1.1	1	20	8.6
STD OREAS45C	Standard	0.48	0.050	28.0	991	0.24	281	1.181	7.15	0.091	0.35	1.1	163.5	53	2.9	12.6	23.5	1.5	<1	64	13.5
STD OREAS45C	Standard	0.48	0.052	26.1	894	0.26	271	1.145	7.21	0.115	0.33	1.0	159.7	51	2.7	11.9	21.3	1.4	<1	57	16.5
STD OREAS45C	Standard	0.48	0.053	25.2	928	0.24	268	1.251	7.23	0.095	0.35	1.0	165.6	51	3.1	12.7	22.5	1.4	<1	62	16.1
STD OREAS45C	Standard	0.48	0.053	26.5	968	0.26	283	1.329	7.50	0.101	0.37	1.2	187.6	53	3.0	13.4	24.5	1.5	<1	63	17.8
STD OREAS45C	Standard	0.48	0.050	25.9	962	0.26	297	1.192	7.29	0.098	0.36	1.0	161.0	50	3.3	11.5	22.4	1.4	<1	61	14.2
STD OREAS45C	Standard	0.48	0.055	25.5	938	0.27	287	1.155	7.32	0.102	0.35	1.2	171.8	51	3.2	12.4	22.0	1.4	<1	60	16.5
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OREAS131B Expected																					
STD SU-1B Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD OREAS24P	Standard	<0.1	22.7	3.6	
STD OREAS45C	Standard	<0.1	22.7	4.3	
STD OREAS45C	Standard	<0.1	22.8	4.2	
STD OREAS45C	Standard	<0.1	22.4	4.4	
STD OREAS45C	Standard	<0.1	27.5	4.2	
STD OREAS45C	Standard	<0.1	23.0	4.1	
STD OREAS45C	Standard	<0.1	23.3	4.5	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SU-1B	Standard				1.156
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	<0.005		0.3	3.5	19.2	53	<0.1	4.7	4.7	741	2.16	1	2.6	<0.1	8.0	673	0.1	<0.1	0.3
G1	Prep Blank			0.7	5.9	25.1	64	<0.1	6.2	6.1	912	2.67	3	6.7	<0.1	9.9	808	0.1	<0.1	0.3
G1	Prep Blank	<0.005																		



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Project: Poplar Drilling

Report Date: November 30, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000527.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	2.12	0.073	22.3	14	0.60	981	0.230	6.93	2.563	2.60	0.3	11.5	48	1.5	13.8	23.7	1.4	3	5
G1	Prep Blank	2.78	0.100	28.6	31	0.66	1139	0.284	9.75	2.809	2.86	0.3	14.2	59	2.2	16.2	29.9	1.7	4	6
G1	Prep Blank																			



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 30, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000527.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
Prep Wash					
G1	Prep Blank	<0.1	115.4	0.7	
G1	Prep Blank	<0.1	134.4	0.8	
G1	Prep Blank				



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 05, 2011
Report Date: December 05, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000544.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_9&10
P.O. Number
Number of Samples: 121

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	121	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	121	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045682	Drill Core	4.64	0.054	66.6	2191	150.9	335	3.1	62.9	40.5	3505	3.87	106	1.4	<0.1	5.0	351	1.7	11.8	0.5
1045683	Drill Core	4.87	0.047	55.2	1605	117.3	323	2.3	61.6	34.2	2859	3.53	253	1.3	<0.1	5.6	569	1.8	14.9	0.3
1045684	Drill Core	3.93	0.032	76.1	1432	10.5	38	1.2	59.6	20.7	514	2.61	112	1.0	<0.1	5.0	414	0.2	8.3	0.5
1045685	Drill Core	5.08	0.019	80.6	952.5	4.8	28	0.6	69.2	21.1	480	2.83	70	1.1	<0.1	5.5	337	0.1	4.3	0.3
1045686	Drill Core	6.41	0.026	64.8	1485	182.2	340	5.3	60.0	23.6	2417	3.04	323	1.3	<0.1	6.5	237	2.4	63.8	0.5
1045687	Drill Core	6.00	0.019	34.8	1100	17.0	66	1.0	59.6	22.4	705	2.83	138	1.3	<0.1	6.5	297	0.3	12.7	0.4
1045688	Drill Core	2.87	0.020	172.0	1101	17.3	60	0.9	58.6	22.4	710	2.92	135	1.3	<0.1	6.9	307	0.2	12.5	0.4
1045689	Drill Core	6.95	0.021	60.6	1222	22.0	106	0.9	65.9	28.6	430	2.96	98	1.2	<0.1	6.3	267	0.4	2.6	0.4
1045690	Drill Core	5.86	0.028	89.1	1346	22.3	60	1.2	71.0	29.5	373	2.89	182	1.6	<0.1	7.0	553	0.4	1.8	0.6
1045691	Rock	0.67	<0.005	0.5	10.1	<0.1	<1	<0.1	<0.1	<0.2	28	0.04	<1	1.3	<0.1	<0.1	4101	<0.1	<0.1	<0.1
1045692	Drill Core	5.92	0.028	120.0	1140	32.3	71	1.2	60.4	22.6	732	2.31	137	1.6	<0.1	7.3	404	0.2	4.3	0.5
1045693	Drill Core	6.95	0.050	165.8	2389	60.0	173	2.0	48.2	18.1	1035	1.88	458	1.7	<0.1	7.4	683	0.8	21.6	0.5
1045694	Drill Core	4.12	0.055	222.3	2592	169.6	506	5.4	45.1	17.5	2729	1.97	763	1.5	<0.1	7.2	652	3.3	51.7	0.5
1045695	Drill Core	5.05	0.070	94.2	1550	51.8	142	1.9	5.8	20.1	557	1.47	590	1.4	<0.1	4.7	714	0.8	28.0	0.4
1045696	Drill Core	6.57	0.110	123.7	3135	617.8	554	8.3	6.8	22.8	1255	2.07	1044	2.3	<0.1	4.5	706	4.0	133.3	1.1
1045697	Rock Pulp	0.12	0.854	22.5	5256	6430	>10000	74.1	48.0	20.2	572	9.40	485	2.3	0.8	2.4	169	242.6	119.9	28.6
1045698	Drill Core	6.43	0.045	132.9	2406	138.4	325	3.5	9.6	45.4	606	2.38	845	2.6	<0.1	4.9	703	1.9	61.3	0.4
1045699	Drill Core	5.80	0.035	144.9	1917	91.3	349	7.2	8.0	38.5	619	2.30	1691	2.1	<0.1	4.6	700	2.1	51.8	0.3
1045700	Drill Core	5.39	0.021	33.3	1094	7.5	27	1.0	5.8	32.6	409	2.31	214	1.7	<0.1	4.9	447	<0.1	5.7	0.9
1045701	Drill Core	5.75	0.007	64.1	589.3	158.1	775	14.2	4.8	30.7	682	2.44	173	1.4	<0.1	4.5	737	5.9	66.1	0.8
1045702	Drill Core	5.42	0.009	23.7	586.5	111.9	289	7.2	3.4	30.5	649	3.00	193	2.6	<0.1	4.1	830	2.1	45.1	0.6
1045703	Drill Core	5.81	0.012	39.7	626.6	272.8	692	10.7	3.6	32.4	827	2.85	339	3.6	<0.1	7.2	1114	5.0	59.6	0.9
1045704	Drill Core	5.93	0.015	38.3	1018	83.9	246	4.6	6.9	34.6	676	3.11	369	2.1	<0.1	5.1	997	1.8	50.4	0.8
1045705	Drill Core	2.90	0.024	27.6	781.6	64.4	184	3.1	6.6	34.1	735	3.00	382	1.9	<0.1	5.2	804	1.1	35.1	0.6
1045706	Drill Core	5.98	0.010	36.2	714.0	21.4	64	1.1	4.1	29.7	413	2.79	233	1.7	<0.1	4.5	554	0.3	13.4	0.3
1045707	Drill Core	5.79	0.011	46.2	877.6	25.1	77	1.5	3.6	32.6	356	2.53	136	1.3	<0.1	4.3	488	0.6	7.8	0.3
1045708	Drill Core	6.28	0.015	19.6	757.4	27.1	92	1.2	3.9	30.3	672	2.69	152	1.7	<0.1	5.3	574	0.6	13.5	0.2
1045709	Drill Core	5.39	0.011	31.5	757.5	75.8	787	4.1	3.5	29.8	2636	3.08	264	1.4	<0.1	4.1	606	5.1	38.2	0.3
1045710	Rock	2.60	<0.005	0.6	9.6	<0.1	<1	0.1	<0.1	<0.2	40	0.02	<1	1.3	<0.1	<0.1	5540	<0.1	0.4	<0.1
1045711	Drill Core	6.40	0.020	46.3	1237	128.6	271	9.6	3.9	41.5	886	3.19	446	1.5	<0.1	4.3	685	2.0	72.1	0.6



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045682	Drill Core	1.48	0.056	24.6	73	1.09	177	0.116	6.29	0.096	3.05	1.2	33.0	48	1.2	6.7	1.2	<0.1	1	12
1045683	Drill Core	1.43	0.075	27.7	71	1.08	350	0.120	6.59	0.093	3.15	1.4	28.9	56	1.3	7.0	1.5	0.1	1	13
1045684	Drill Core	1.30	0.071	13.8	66	1.18	743	0.152	7.96	0.153	3.40	1.3	25.0	29	1.5	5.9	1.8	0.1	2	18
1045685	Drill Core	1.39	0.074	17.1	70	1.21	813	0.163	8.24	0.119	3.32	0.8	22.8	38	1.1	5.9	2.1	0.1	2	19
1045686	Drill Core	1.61	0.075	22.0	62	1.18	640	0.123	6.90	0.097	3.32	1.2	30.0	45	1.2	7.8	1.7	0.1	1	13
1045687	Drill Core	1.78	0.080	19.5	78	1.25	643	0.133	8.23	0.189	3.14	1.0	37.3	41	1.4	7.7	1.7	<0.1	1	16
1045688	Drill Core	1.73	0.080	21.7	77	1.21	612	0.135	7.61	0.223	3.37	1.2	37.7	45	1.3	8.5	1.8	0.1	1	15
1045689	Drill Core	1.76	0.069	18.2	78	1.21	358	0.130	6.61	0.733	2.93	0.8	37.4	39	1.1	7.9	1.5	0.1	1	13
1045690	Drill Core	1.59	0.088	21.0	80	1.23	299	0.113	8.40	0.425	3.68	0.9	40.5	45	1.2	8.2	1.6	<0.1	2	16
1045691	Rock	34.15	0.004	1.1	<1	1.88	9	0.002	<0.01	0.005	0.02	<0.1	0.5	1	<0.1	0.4	0.2	<0.1	<1	<1
1045692	Drill Core	1.91	0.080	23.9	72	1.18	981	0.146	8.24	0.399	3.92	0.8	38.2	48	0.9	8.3	1.7	0.1	2	17
1045693	Drill Core	1.60	0.085	34.0	65	1.23	1092	0.117	8.26	0.095	3.68	1.5	38.7	65	1.2	8.1	1.6	0.1	1	15
1045694	Drill Core	1.92	0.078	28.6	57	1.14	977	0.107	7.48	0.082	3.63	1.6	36.8	56	1.2	8.0	1.7	0.1	2	13
1045695	Drill Core	1.92	0.085	19.7	4	0.65	578	0.061	6.77	0.839	2.56	1.0	31.7	39	0.9	6.1	1.8	0.1	1	3
1045696	Drill Core	1.78	0.091	35.1	2	0.78	341	0.043	6.31	0.110	2.65	1.1	26.8	64	1.5	9.0	1.3	<0.1	1	3
1045697	Rock Pulp	1.76	0.051	11.6	32	0.91	175	0.191	3.78	1.309	0.72	1.1	34.8	26	55.3	11.3	4.5	0.2	<1	8
1045698	Drill Core	1.54	0.117	32.0	2	0.77	167	0.053	7.56	0.525	2.86	1.7	35.6	61	1.6	8.4	1.7	0.1	1	3
1045699	Drill Core	1.41	0.105	22.1	3	0.67	237	0.057	7.64	0.385	3.07	1.3	33.1	44	1.3	7.2	1.7	0.1	1	3
1045700	Drill Core	1.83	0.095	21.9	5	0.71	395	0.062	8.26	2.086	2.36	0.8	35.0	44	0.9	7.1	1.8	0.1	1	4
1045701	Drill Core	2.40	0.097	16.1	2	0.75	244	0.065	7.70	1.967	2.44	0.6	34.2	36	0.9	7.2	1.8	0.1	2	4
1045702	Drill Core	2.14	0.100	12.5	5	0.67	87	0.083	6.96	1.210	2.81	0.8	31.9	29	1.0	7.2	2.0	0.1	1	4
1045703	Drill Core	1.67	0.092	19.1	2	0.66	161	0.069	8.10	0.164	3.17	1.3	37.5	39	0.9	8.6	4.3	0.4	2	4
1045704	Drill Core	1.36	0.109	22.2	4	0.74	308	0.066	7.99	0.082	3.22	0.9	34.4	44	0.9	7.3	1.8	0.1	1	4
1045705	Drill Core	1.41	0.104	19.4	3	0.76	417	0.065	8.11	0.084	3.05	0.9	34.4	38	0.9	7.0	1.7	0.1	2	4
1045706	Drill Core	1.79	0.093	16.9	4	0.64	129	0.067	7.35	1.404	2.77	0.6	31.0	35	0.9	6.9	1.7	0.1	2	4
1045707	Drill Core	1.87	0.085	15.7	3	0.61	168	0.065	6.71	1.510	2.84	0.5	30.9	34	1.2	7.4	1.8	0.1	1	3
1045708	Drill Core	1.97	0.098	18.9	7	0.74	261	0.089	8.40	2.001	2.73	0.3	36.7	39	1.1	7.8	2.1	0.2	1	5
1045709	Drill Core	2.17	0.089	15.1	3	0.73	127	0.080	6.94	1.428	3.09	0.5	33.7	34	0.8	7.2	1.7	0.1	1	4
1045710	Rock	35.06	0.005	0.7	<1	1.75	12	0.002	0.02	0.012	0.02	<0.1	0.6	<1	<0.1	0.4	0.2	<0.1	<1	<1
1045711	Drill Core	1.98	0.098	15.9	3	0.73	130	0.080	6.84	1.246	3.05	0.4	30.9	35	1.1	7.2	1.9	0.1	1	4



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Project: Poplar Drilling
Report Date: December 05, 2011

Page: 2 of 6 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method	1EX	1EX	1EX
Analyte	S	Rb	Hf	
Unit	%	ppm	ppm	
MDL	0.1	0.1	0.1	
1045682	Drill Core	2.3	108.8	1.0
1045683	Drill Core	2.1	102.6	0.9
1045684	Drill Core	1.3	102.3	0.7
1045685	Drill Core	1.2	94.8	0.7
1045686	Drill Core	1.7	99.9	0.9
1045687	Drill Core	1.6	91.3	1.1
1045688	Drill Core	1.8	106.3	1.1
1045689	Drill Core	1.9	85.0	1.1
1045690	Drill Core	1.9	110.6	1.2
1045691	Rock	<0.1	1.1	<0.1
1045692	Drill Core	1.2	114.6	1.1
1045693	Drill Core	1.1	107.2	1.2
1045694	Drill Core	1.1	107.1	1.1
1045695	Drill Core	1.2	71.8	1.0
1045696	Drill Core	1.7	79.8	0.9
1045697	Rock Pulp	9.4	25.7	1.2
1045698	Drill Core	2.1	83.9	1.2
1045699	Drill Core	2.1	91.1	1.1
1045700	Drill Core	2.0	75.9	1.2
1045701	Drill Core	2.0	81.0	1.4
1045702	Drill Core	2.7	93.8	1.3
1045703	Drill Core	2.5	124.4	1.5
1045704	Drill Core	2.7	117.1	1.4
1045705	Drill Core	2.5	113.3	1.3
1045706	Drill Core	2.5	88.4	1.2
1045707	Drill Core	2.3	86.4	1.2
1045708	Drill Core	2.2	95.7	1.5
1045709	Drill Core	2.6	100.0	1.2
1045710	Rock	<0.1	1.2	<0.1
1045711	Drill Core	2.6	99.6	1.3



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045712	Drill Core	6.19	0.006	16.8	609.2	91.2	517	6.6	2.1	23.1	1000	1.80	233	4.3	<0.1	8.6	707	3.0	39.4	0.5
1045713	Drill Core	6.21	0.022	31.1	1391	49.2	111	3.4	4.2	32.5	655	2.22	170	1.7	<0.1	4.9	715	0.8	33.8	0.2
1045714	Drill Core	5.02	0.015	72.6	1022	32.3	84	2.9	3.7	23.5	564	1.88	59	1.3	<0.1	4.5	515	0.4	15.8	0.1
1045715	Rock Pulp	0.12	0.902	21.7	5152	5838	>10000	70.3	47.2	19.5	524	8.92	481	2.2	0.8	2.4	154	231.1	112.6	27.8
1045716	Drill Core	5.61	0.020	24.5	766.2	35.2	123	1.0	4.1	29.1	390	2.81	86	1.5	<0.1	4.4	550	0.7	6.5	0.3
1045717	Drill Core	4.88	0.013	55.0	930.6	54.6	180	3.2	3.8	31.1	722	2.89	319	1.6	<0.1	4.3	627	1.0	21.7	0.3
1045718	Drill Core	5.84	0.015	39.2	575.3	14.6	61	0.5	3.4	22.8	373	2.70	89	1.7	<0.1	4.9	751	0.4	3.0	0.3
1045719	Drill Core	1.53	0.029	54.1	1122	63.1	262	2.4	4.1	28.3	753	2.56	401	2.2	<0.1	5.6	1062	1.8	45.4	0.8
1045720	Drill Core	5.82	0.005	1.8	33.9	244.5	762	2.5	0.6	1.0	952	0.60	14	9.1	<0.1	15.3	187	5.2	10.0	0.9
1045721	Drill Core	5.39	<0.005	1.3	7.4	79.4	188	0.2	0.1	1.1	693	0.49	6	8.3	<0.1	13.3	221	0.9	0.7	0.2
1045722	Drill Core	5.60	<0.005	1.7	3.3	56.6	125	0.3	0.3	0.9	588	0.50	6	11.3	<0.1	14.2	267	0.5	0.6	0.1
1045723	Drill Core	5.47	<0.005	0.6	1.5	19.1	81	0.1	0.2	1.0	674	0.53	6	10.4	<0.1	14.0	190	0.2	0.5	0.1
1045724	Drill Core	5.72	<0.005	3.5	2.0	74.4	172	0.1	0.4	0.6	1061	0.59	4	9.8	<0.1	14.9	122	0.7	0.7	0.1
1045725	Drill Core	5.35	<0.005	2.9	3.2	89.9	175	0.2	0.3	1.0	685	0.51	3	9.4	<0.1	14.4	129	0.9	0.5	0.2
1045726	Drill Core	3.12	<0.005	3.5	2.3	90.2	180	0.2	0.3	1.1	851	0.50	4	9.1	<0.1	14.9	150	1.0	0.5	0.1
1045727	Drill Core	4.80	0.005	47.2	564.8	340.0	417	16.1	2.0	9.2	1815	1.22	220	6.2	<0.1	10.0	733	3.1	48.4	4.1
1045728	Drill Core	5.09	<0.005	0.4	6.6	56.8	79	0.4	0.4	0.9	705	0.50	6	9.2	<0.1	15.6	148	0.2	1.3	0.3
1045729	Drill Core	4.30	<0.005	1.3	2.3	20.2	67	0.3	0.2	0.6	453	0.50	15	8.9	<0.1	14.8	198	0.2	1.3	0.3
1045730	Drill Core	5.24	<0.005	0.3	4.0	17.3	63	<0.1	0.8	0.5	359	0.43	10	8.3	<0.1	14.5	201	<0.1	1.2	0.1
1045731	Drill Core	5.05	<0.005	0.2	1.1	18.8	57	0.2	0.5	0.6	396	0.48	12	14.2	<0.1	15.1	180	0.1	0.9	0.5
1045732	Rock	0.65	<0.005	<0.1	1.2	<0.1	<1	<0.1	<0.1	<0.2	24	0.03	<1	1.4	<0.1	<0.1	4742	<0.1	<0.1	<0.1
1045733	Drill Core	5.04	<0.005	<0.1	0.9	10.9	54	<0.1	0.4	0.8	459	0.47	6	5.7	<0.1	13.7	111	0.3	1.0	0.2
1045734	Drill Core	4.50	<0.005	0.2	4.8	16.4	65	0.1	0.2	0.5	468	0.47	4	7.4	<0.1	19.0	231	0.3	1.3	0.2
1045735	Drill Core	4.20	<0.005	<0.1	1.0	14.9	58	<0.1	0.2	0.6	516	0.47	4	6.4	<0.1	18.5	198	0.1	0.7	0.2
1045736	Drill Core	5.24	<0.005	0.1	1.4	149.8	75	0.1	0.3	0.7	691	0.53	7	18.6	<0.1	14.8	164	0.2	0.7	0.2
1045737	Drill Core	6.30	<0.005	0.4	0.8	118.3	78	0.1	0.2	0.8	787	0.54	10	10.0	<0.1	14.5	167	0.3	0.9	0.2
1045738	Drill Core	5.60	<0.005	0.3	5.0	57.2	90	0.3	0.3	0.7	482	0.47	10	8.7	<0.1	12.8	192	0.3	1.4	0.2
1045739	Rock Pulp	0.15	0.435	150.0	3813	33.6	74	2.8	44.8	23.6	435	4.79	53	1.4	0.5	3.1	256	0.3	4.9	0.5
1045740	Drill Core	5.49	<0.005	0.3	2.9	83.1	175	<0.1	0.4	0.8	692	0.51	5	9.4	<0.1	12.9	173	0.9	0.9	0.1
1045741	Drill Core	5.90	<0.005	0.3	1.9	97.0	205	<0.1	0.4	0.8	924	0.57	5	10.6	<0.1	13.7	150	1.1	1.1	0.1



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045712	Drill Core	1.66	0.063	15.8	4	0.58	712	0.063	6.90	1.008	3.07	1.0	40.3	32	1.0	7.4	5.5	0.6	1	3
1045713	Drill Core	1.93	0.103	18.9	4	0.70	474	0.086	8.01	1.849	3.11	0.5	34.6	40	1.1	7.6	1.8	0.1	1	4
1045714	Drill Core	2.39	0.093	17.4	5	0.67	448	0.087	6.50	2.209	2.76	0.5	31.4	38	0.8	8.1	2.0	0.1	1	3
1045715	Rock Pulp	1.68	0.050	11.9	31	0.89	61	0.184	3.68	1.168	0.70	1.0	30.3	23	55.5	10.3	4.4	0.2	<1	8
1045716	Drill Core	2.07	0.100	15.5	5	0.65	101	0.075	8.61	2.225	2.80	0.4	30.7	34	1.2	8.8	1.5	0.1	1	4
1045717	Drill Core	2.18	0.097	15.2	5	0.76	123	0.078	8.90	2.040	2.95	0.5	35.9	34	1.0	8.1	1.8	0.1	1	5
1045718	Drill Core	1.99	0.099	17.6	6	0.73	118	0.076	8.78	2.638	2.78	0.4	33.4	37	1.0	8.7	1.6	0.1	1	5
1045719	Drill Core	2.20	0.092	21.4	5	0.91	292	0.066	9.88	0.797	3.31	0.9	37.5	43	1.1	8.5	2.2	0.1	2	5
1045720	Drill Core	1.75	0.017	8.2	3	0.26	481	0.052	6.68	0.066	2.22	1.8	51.5	17	1.1	7.6	13.7	1.4	2	2
1045721	Drill Core	1.99	0.017	7.1	3	0.16	232	0.040	6.01	0.055	2.17	1.4	48.8	16	0.5	7.0	13.5	1.3	3	1
1045722	Drill Core	1.72	0.018	7.6	3	0.13	282	0.042	6.20	0.052	1.99	1.4	52.2	17	0.6	7.3	14.9	1.4	2	1
1045723	Drill Core	1.99	0.012	7.4	2	0.14	268	0.040	6.24	0.049	1.84	1.2	50.6	16	0.7	7.0	13.9	1.4	2	1
1045724	Drill Core	2.18	0.013	7.9	2	0.21	300	0.040	6.63	0.061	1.85	1.0	48.2	17	0.6	7.2	13.3	1.3	2	1
1045725	Drill Core	1.72	0.014	7.6	2	0.14	305	0.040	6.29	0.047	2.16	1.2	47.0	16	0.6	7.0	13.0	1.3	2	1
1045726	Drill Core	2.00	0.016	7.6	3	0.15	404	0.042	6.38	0.050	2.25	1.3	49.5	16	0.5	7.3	13.6	1.4	2	1
1045727	Drill Core	1.94	0.048	17.9	3	0.56	953	0.059	7.51	0.352	2.25	1.7	41.0	34	0.9	7.9	7.1	0.6	2	3
1045728	Drill Core	1.79	0.016	9.0	3	0.14	234	0.041	6.56	0.075	2.08	2.1	49.6	18	0.6	7.7	13.6	1.4	2	1
1045729	Drill Core	1.43	0.014	7.6	3	0.12	160	0.041	6.38	0.055	1.99	1.6	53.4	17	0.7	7.0	14.6	1.4	3	1
1045730	Drill Core	1.21	0.016	8.2	2	0.11	162	0.044	6.10	0.056	1.83	1.5	50.8	17	0.6	7.0	14.5	1.5	2	1
1045731	Drill Core	1.23	0.014	7.7	3	0.11	141	0.042	6.33	0.067	1.85	1.4	51.8	16	0.7	7.0	14.2	1.5	2	1
1045732	Rock	33.71	0.005	1.0	2	1.94	9	<0.001	0.05	0.003	0.02	<0.1	0.5	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045733	Drill Core	1.41	0.012	7.2	3	0.10	176	0.039	5.83	0.723	2.38	1.1	47.0	15	0.5	6.7	13.3	1.4	1	1
1045734	Drill Core	1.11	0.018	10.7	3	0.13	197	0.050	7.18	1.434	2.20	1.5	63.4	23	0.9	8.5	17.2	1.7	2	2
1045735	Drill Core	1.17	0.017	10.4	3	0.11	205	0.046	6.90	1.461	2.61	1.2	56.8	22	0.7	8.4	15.3	1.5	2	2
1045736	Drill Core	1.69	0.014	8.2	2	0.13	182	0.039	6.20	0.833	2.59	1.2	50.1	17	0.6	7.6	13.5	1.4	2	1
1045737	Drill Core	1.91	0.013	7.8	3	0.14	225	0.042	6.61	0.229	2.99	1.1	50.7	17	0.6	7.3	13.7	1.4	2	2
1045738	Drill Core	1.55	0.014	6.3	3	0.12	242	0.040	5.84	0.048	2.54	1.1	49.1	14	0.6	6.3	12.8	1.4	2	1
1045739	Rock Pulp	0.40	0.128	17.0	73	1.10	398	0.340	9.64	1.670	3.29	15.6	31.6	34	2.9	11.5	3.3	0.2	1	20
1045740	Drill Core	1.68	0.016	7.9	2	0.16	178	0.039	6.34	0.053	1.58	1.1	44.1	17	0.6	6.8	12.2	1.3	2	<1
1045741	Drill Core	1.50	0.014	7.2	2	0.22	204	0.040	5.99	0.041	1.71	1.2	48.8	15	0.6	6.9	12.6	1.3	2	1



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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045712	Drill Core	1.3	127.6	1.8
1045713	Drill Core	1.8	102.7	1.3
1045714	Drill Core	1.5	88.1	1.2
1045715	Rock Pulp	9.3	26.1	0.9
1045716	Drill Core	2.3	98.8	1.2
1045717	Drill Core	2.3	103.9	1.3
1045718	Drill Core	2.1	104.2	1.2
1045719	Drill Core	1.9	122.3	1.5
1045720	Drill Core	<0.1	121.6	2.7
1045721	Drill Core	<0.1	103.4	2.8
1045722	Drill Core	<0.1	96.7	2.7
1045723	Drill Core	<0.1	94.7	2.8
1045724	Drill Core	<0.1	98.1	2.8
1045725	Drill Core	<0.1	110.0	2.6
1045726	Drill Core	<0.1	121.0	2.5
1045727	Drill Core	0.4	113.9	1.9
1045728	Drill Core	<0.1	113.1	2.8
1045729	Drill Core	<0.1	105.0	2.9
1045730	Drill Core	<0.1	86.5	2.9
1045731	Drill Core	<0.1	87.7	2.8
1045732	Rock	<0.1	1.1	<0.1
1045733	Drill Core	<0.1	106.0	2.7
1045734	Drill Core	<0.1	115.6	3.4
1045735	Drill Core	<0.1	130.4	3.0
1045736	Drill Core	<0.1	120.7	2.6
1045737	Drill Core	<0.1	132.2	2.9
1045738	Drill Core	<0.1	115.7	2.7
1045739	Rock Pulp	2.1	99.5	0.9
1045740	Drill Core	<0.1	82.3	2.5
1045741	Drill Core	<0.1	82.1	2.7



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045742	Drill Core	4.88	<0.005	0.3	2.3	57.3	79	<0.1	0.2	0.6	620	0.49	4	9.4	<0.1	14.2	169	0.3	1.0	0.1
1045743	Drill Core	5.48	<0.005	0.5	1.7	78.8	119	0.1	0.2	1.1	940	0.56	5	9.9	<0.1	13.9	128	0.6	1.0	0.2
1045744	Drill Core	4.34	<0.005	6.5	188.6	109.9	185	0.9	0.5	1.8	857	0.62	86	9.8	<0.1	14.5	234	1.1	7.3	0.3
1045745	Drill Core	5.90	0.060	130.8	2818	127.8	417	6.6	4.0	16.5	1071	1.39	946	2.9	<0.1	7.2	806	2.8	61.7	0.4
1045746	Drill Core	3.32	0.053	96.8	2415	106.1	361	2.8	3.4	13.9	1053	1.26	706	2.8	<0.1	6.3	866	2.3	55.6	0.5
1045747	Drill Core	6.02	0.018	69.2	1005	44.4	128	0.8	3.5	23.2	526	1.62	279	1.7	<0.1	5.1	627	1.0	10.9	0.3
1045748	Drill Core	6.69	0.018	77.4	1071	14.7	60	0.3	8.2	36.9	406	2.29	18	1.5	<0.1	4.6	997	0.2	0.6	0.1
1045749	Drill Core	6.77	0.018	50.1	1143	18.3	77	0.5	4.8	31.6	402	2.30	60	1.5	<0.1	4.3	743	0.4	2.7	0.2
1045750	Drill Core	6.44	0.026	60.6	1485	48.5	133	1.1	4.1	35.0	489	2.31	6	1.6	<0.1	5.0	655	0.6	0.9	0.5
1045751	Drill Core	4.76	0.040	141.1	1409	43.3	104	1.1	5.4	36.8	432	2.31	15	1.7	<0.1	4.7	1069	0.4	1.0	0.3
1045752	Rock	0.56	<0.005	1.0	11.2	0.1	<1	<0.1	<0.1	<0.2	29	0.03	<1	1.4	<0.1	<0.1	4708	<0.1	<0.1	<0.1
1045753	Drill Core	6.36	0.033	239.6	1142	17.5	59	0.8	3.4	24.7	329	1.52	21	2.1	<0.1	4.8	1670	0.1	0.7	0.2
1045754	Drill Core	6.18	0.027	145.4	1291	125.5	484	4.3	3.9	20.4	1253	1.71	181	1.7	<0.1	4.5	1175	2.9	16.6	0.2
1045755	Rock Pulp	0.15	0.408	142.2	3610	28.4	65	2.5	37.3	20.4	417	4.65	43	1.3	0.4	3.1	229	0.3	3.9	0.5
1045756	Drill Core	5.84	0.025	35.1	905.7	91.9	192	2.2	5.9	25.2	1555	2.02	254	1.6	<0.1	4.9	428	1.2	56.5	0.2
1045757	Drill Core	5.15	0.043	67.8	1557	215.7	1157	10.0	6.5	30.3	1510	2.23	345	1.3	<0.1	4.7	378	7.6	34.4	0.2
1045758	Drill Core	5.52	0.038	63.3	1126	1859	7408	50.6	8.1	21.9	5224	2.14	229	1.8	<0.1	5.2	522	50.5	164.1	0.4
1045759	Drill Core	6.19	0.006	7.6	56.7	246.0	623	8.0	0.9	1.4	867	0.52	17	10.3	<0.1	15.1	185	4.8	20.9	0.3
1045760	Drill Core	5.74	<0.005	7.2	9.8	103.6	260	0.8	<0.1	0.9	732	0.58	6	11.3	<0.1	15.8	103	1.6	2.2	0.5
1045761	Drill Core	5.59	<0.005	6.1	5.1	157.4	83	1.5	0.1	0.6	389	0.50	7	11.5	<0.1	15.2	179	0.3	4.1	0.9
1045762	Drill Core	5.75	<0.005	1.3	5.6	65.2	54	0.2	0.1	0.5	404	0.58	6	10.5	<0.1	16.9	192	<0.1	7.1	0.5
1045763	Drill Core	4.99	<0.005	0.4	1.3	16.3	53	<0.1	0.2	0.5	387	0.57	9	7.8	<0.1	16.3	197	<0.1	5.2	0.1
1045764	Drill Core	3.18	<0.005	0.4	1.0	14.0	52	<0.1	0.1	0.4	398	0.58	8	8.6	<0.1	16.7	208	<0.1	5.3	0.1
1045765	Drill Core	5.26	<0.005	1.6	1.0	44.2	55	0.1	0.3	0.6	504	0.66	6	9.4	<0.1	16.3	245	<0.1	6.7	0.2
1045766	Drill Core	5.82	<0.005	1.0	1.2	23.5	47	<0.1	0.3	0.6	555	0.68	5	9.2	<0.1	16.7	284	<0.1	6.6	0.1
1045767	Drill Core	3.47	<0.005	0.6	0.6	44.2	52	<0.1	<0.1	0.4	380	0.58	6	9.9	<0.1	17.6	206	<0.1	6.0	0.4
1045768	Drill Core	5.21	<0.005	2.0	1.1	63.4	56	<0.1	<0.1	0.6	819	0.82	5	15.7	<0.1	16.5	211	<0.1	5.6	0.2
1045769	Rock	0.65	<0.005	<0.1	0.6	<0.1	2	<0.1	<0.1	<0.2	36	0.02	<1	1.4	<0.1	<0.1	3843	<0.1	<0.1	<0.1
1045770	Drill Core	5.51	<0.005	1.4	2.1	97.7	64	<0.1	1.0	1.3	1600	1.45	5	9.5	<0.1	15.0	147	<0.1	7.1	0.1
1045771	Drill Core	5.17	<0.005	2.0	2.2	73.2	55	<0.1	0.9	1.0	1212	1.30	6	9.1	<0.1	14.2	212	<0.1	10.0	0.1



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045742	Drill Core	1.24	0.016	7.0	2	0.18	160	0.041	6.28	0.043	2.15	1.7	49.2	15	0.6	6.7	13.9	1.4	2	1
1045743	Drill Core	1.71	0.013	6.9	2	0.20	185	0.041	6.45	0.045	1.85	1.3	48.4	15	0.6	6.9	13.1	1.3	2	1
1045744	Drill Core	1.63	0.018	8.2	2	0.21	231	0.045	6.49	0.051	2.02	1.5	48.7	17	0.6	7.1	13.5	1.4	2	2
1045745	Drill Core	2.11	0.081	26.3	4	0.66	858	0.084	7.96	0.792	3.25	1.0	32.8	51	1.0	7.9	3.8	0.3	2	4
1045746	Drill Core	1.89	0.067	24.8	2	0.63	758	0.074	7.60	0.539	3.26	0.8	28.0	46	1.0	7.5	3.2	0.3	2	4
1045747	Drill Core	2.19	0.082	20.2	2	0.61	430	0.074	7.40	2.184	2.39	0.6	27.0	39	0.6	7.2	2.2	0.2	2	4
1045748	Drill Core	2.43	0.125	18.1	7	0.79	359	0.113	8.55	2.850	1.71	0.6	38.1	39	0.6	9.8	1.6	0.1	1	6
1045749	Drill Core	2.36	0.104	23.0	6	0.69	267	0.100	6.95	2.693	1.98	0.6	34.0	46	0.7	8.2	1.7	<0.1	1	4
1045750	Drill Core	2.08	0.088	21.1	5	0.60	347	0.085	7.27	2.560	2.23	0.6	28.8	42	1.1	8.4	1.7	0.1	2	4
1045751	Drill Core	1.95	0.091	21.9	2	0.57	151	0.053	7.01	2.470	2.35	0.3	28.5	45	0.7	8.7	1.1	0.1	<1	3
1045752	Rock	34.31	0.004	0.7	<1	1.97	8	<0.001	0.05	0.013	0.01	<0.1	<0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045753	Drill Core	2.22	0.079	24.4	3	0.61	304	0.059	7.18	2.730	2.27	0.4	31.3	50	0.9	8.4	1.4	0.1	<1	4
1045754	Drill Core	2.62	0.080	18.8	4	0.57	285	0.080	6.69	1.477	2.62	0.6	29.8	36	0.7	8.0	1.7	0.1	1	3
1045755	Rock Pulp	0.44	0.108	17.9	63	1.04	389	0.285	7.30	1.492	6.24	13.1	26.3	34	2.6	11.6	2.7	0.2	1	16
1045756	Drill Core	1.87	0.076	12.8	1	0.67	335	0.091	7.43	0.607	3.11	0.9	33.1	26	0.6	7.2	1.7	0.1	1	3
1045757	Drill Core	2.62	0.081	14.4	4	0.65	393	0.081	6.82	1.163	2.60	0.6	29.1	28	0.6	7.3	1.6	0.1	1	3
1045758	Drill Core	3.08	0.073	24.5	8	0.94	508	0.075	7.47	0.126	3.52	1.8	34.4	45	0.8	9.4	2.4	0.1	1	4
1045759	Drill Core	1.54	0.018	8.6	2	0.23	570	0.055	6.46	0.067	3.37	3.1	54.8	18	1.1	7.7	13.9	1.3	2	2
1045760	Drill Core	1.29	0.015	8.6	1	0.27	311	0.039	6.05	0.061	3.25	1.8	46.0	18	0.7	7.3	12.3	1.3	2	1
1045761	Drill Core	1.12	0.015	8.3	1	0.17	162	0.037	6.15	0.046	3.19	1.4	45.8	18	0.8	7.0	12.6	1.3	1	1
1045762	Drill Core	0.42	0.022	10.3	1	0.25	89	0.039	5.75	0.047	3.14	1.3	45.2	19	0.7	7.3	12.6	1.3	2	1
1045763	Drill Core	0.40	0.023	10.2	1	0.24	136	0.039	5.68	0.034	2.96	1.2	43.5	19	0.6	6.6	12.6	1.3	2	<1
1045764	Drill Core	0.43	0.023	10.2	1	0.25	139	0.040	5.79	0.034	3.12	1.2	45.9	20	0.7	7.1	12.9	1.4	2	1
1045765	Drill Core	0.60	0.029	10.3	1	0.30	49	0.036	5.88	0.033	2.82	1.3	42.7	20	0.6	6.7	11.2	1.3	1	1
1045766	Drill Core	0.69	0.029	11.0	<1	0.34	208	0.037	6.15	0.034	2.71	1.4	44.3	21	0.6	7.2	11.8	1.4	1	1
1045767	Drill Core	0.48	0.022	10.3	2	0.29	173	0.038	5.81	0.034	2.85	1.0	46.4	20	0.6	6.7	11.9	1.3	2	1
1045768	Drill Core	1.15	0.022	10.5	2	0.49	556	0.037	6.25	0.043	2.94	1.0	43.0	20	0.6	7.3	11.3	1.3	2	<1
1045769	Rock	34.30	0.004	0.5	<1	1.75	11	<0.001	0.06	0.002	0.02	<0.1	0.2	<1	<0.1	0.3	0.2	<0.1	<1	<1
1045770	Drill Core	2.51	0.020	9.4	3	0.85	637	0.031	5.54	0.040	2.59	1.0	38.7	18	0.6	6.7	10.0	1.1	<1	<1
1045771	Drill Core	1.85	0.022	8.7	3	0.64	466	0.033	5.41	0.042	2.33	1.0	35.8	17	0.5	6.4	9.6	1.0	<1	<1



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045742	Drill Core	<0.1	99.6	2.8
1045743	Drill Core	<0.1	88.9	2.5
1045744	Drill Core	<0.1	97.2	2.5
1045745	Drill Core	0.9	134.7	1.3
1045746	Drill Core	0.8	117.6	1.1
1045747	Drill Core	1.2	85.1	1.0
1045748	Drill Core	1.6	56.9	1.2
1045749	Drill Core	1.7	59.4	1.1
1045750	Drill Core	1.7	72.2	1.0
1045751	Drill Core	2.3	73.5	1.0
1045752	Rock	<0.1	0.2	<0.1
1045753	Drill Core	1.5	68.3	1.1
1045754	Drill Core	1.4	90.6	1.1
1045755	Rock Pulp	2.0	153.8	0.8
1045756	Drill Core	1.5	127.6	1.0
1045757	Drill Core	1.7	100.6	0.9
1045758	Drill Core	1.4	162.0	1.1
1045759	Drill Core	<0.1	149.2	2.7
1045760	Drill Core	<0.1	144.1	2.6
1045761	Drill Core	<0.1	136.9	2.7
1045762	Drill Core	<0.1	138.0	2.7
1045763	Drill Core	<0.1	130.7	2.5
1045764	Drill Core	<0.1	138.2	2.6
1045765	Drill Core	<0.1	126.5	2.4
1045766	Drill Core	<0.1	117.9	2.3
1045767	Drill Core	<0.1	136.3	2.6
1045768	Drill Core	<0.1	138.1	2.4
1045769	Rock	<0.1	0.9	<0.1
1045770	Drill Core	<0.1	129.6	2.0
1045771	Drill Core	<0.1	111.7	2.1



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045772	Drill Core	6.17	<0.005	1.0	4.0	52.2	65	<0.1	0.8	1.2	1743	1.62	6	9.4	<0.1	14.2	91	<0.1	6.7	<0.1
1045773	Drill Core	4.92	<0.005	0.5	2.7	86.5	79	<0.1	0.9	0.9	1198	1.09	6	10.7	<0.1	15.7	82	0.1	6.7	<0.1
1045774	Drill Core	6.10	0.007	0.9	8.9	33.8	79	<0.1	5.5	4.9	2012	2.24	13	6.8	<0.1	9.2	566	0.3	13.3	0.2
1045775	Rock Pulp	0.16	0.420	140.5	3643	28.1	67	2.4	37.9	20.8	428	4.58	41	1.3	0.5	3.0	227	0.3	3.8	0.4
1045776	Drill Core	6.40	<0.005	0.7	7.6	14.0	68	<0.1	4.3	3.4	1143	1.55	10	9.2	<0.1	13.2	551	0.3	11.8	0.1
1045777	Drill Core	5.48	<0.005	0.5	4.1	15.7	43	<0.1	0.4	0.7	461	0.71	5	10.9	<0.1	16.9	209	<0.1	5.0	0.1
1045778	Drill Core	5.43	<0.005	1.0	2.9	36.4	44	<0.1	0.7	0.6	283	0.55	5	10.1	<0.1	15.1	161	<0.1	5.1	0.1
1045779	Drill Core	5.94	<0.005	1.3	1.4	237.5	419	0.1	0.3	0.6	568	0.61	2	11.1	<0.1	16.7	118	3.0	3.4	0.1
1045780	Drill Core	4.52	<0.005	0.6	1.4	109.2	405	<0.1	0.5	0.5	367	0.56	4	11.2	<0.1	17.5	130	2.8	2.6	0.1
1045781	Drill Core	4.44	<0.005	0.7	0.4	34.4	62	<0.1	0.2	0.6	459	0.55	4	11.3	<0.1	17.7	146	0.2	2.6	0.2
1045782	Drill Core	5.12	<0.005	0.6	0.4	57.3	120	<0.1	<0.1	0.5	394	0.48	16	10.0	<0.1	16.1	150	0.5	2.3	0.1
1045783	Drill Core	5.07	<0.005	0.6	0.5	21.4	57	<0.1	<0.1	0.5	432	0.58	5	9.3	<0.1	16.7	127	<0.1	2.9	0.2
1045784	Drill Core	4.37	<0.005	0.7	0.5	69.6	85	0.2	0.3	0.6	528	0.70	5	10.8	<0.1	18.0	170	0.2	3.2	0.5
1045785	Drill Core	5.28	<0.005	0.7	1.0	120.4	176	<0.1	0.4	0.6	446	0.52	6	9.3	<0.1	15.3	115	0.7	1.8	0.6
1045786	Drill Core	3.18	<0.005	0.6	0.4	93.5	220	<0.1	0.3	0.6	443	0.51	5	8.0	<0.1	14.2	105	1.1	1.7	0.4
1045787	Drill Core	5.47	<0.005	1.5	0.3	107.0	300	<0.1	0.5	0.6	819	0.54	3	9.4	<0.1	15.3	121	1.5	1.1	0.2
1045788	Drill Core	6.24	0.014	0.2	3.3	155.1	416	<0.1	1.0	0.6	1394	0.62	4	9.5	<0.1	14.7	91	2.5	3.2	0.4
1045789	Drill Core	6.22	0.041	80.1	2125	51.0	88	1.4	60.8	29.2	1106	2.37	164	1.3	<0.1	4.9	343	0.2	12.8	0.5
1045790	Rock	0.65	<0.005	0.3	4.4	0.9	3	<0.1	<0.1	<0.2	38	0.04	<1	1.7	<0.1	0.3	5150	<0.1	0.1	<0.1
1045791	Drill Core	6.12	0.035	156.0	2033	73.1	117	2.4	53.4	28.6	1371	2.27	149	1.3	<0.1	4.9	267	0.5	55.3	0.5
1045792	Drill Core	6.64	0.053	254.9	2548	42.4	102	1.2	47.8	25.2	495	2.05	168	1.6	<0.1	6.0	239	<0.1	54.8	0.4
1045793	Drill Core	6.48	0.041	115.2	2236	35.6	48	0.7	43.9	17.3	447	1.87	53	1.5	<0.1	5.5	260	<0.1	6.7	0.3
1045794	Drill Core	6.52	0.020	115.9	1062	19.7	38	0.2	52.7	14.4	306	1.44	22	1.1	<0.1	5.6	1949	<0.1	1.3	0.2
1045795	Drill Core	5.74	0.061	172.9	2140	43.9	212	1.7	66.6	19.9	670	1.90	104	1.7	0.1	6.3	496	1.3	9.3	0.2
1045796	Rock Pulp	0.15	0.922	159.0	3539	54.3	127	3.0	26.5	20.4	506	5.01	63	1.3	1.4	2.9	215	1.0	7.2	0.6
1045797	Drill Core	5.93	0.038	1045	1761	19.8	74	0.9	49.8	12.3	731	1.69	215	2.2	<0.1	6.8	365	0.1	28.4	0.2
1045798	Drill Core	6.12	0.070	86.1	1771	17.0	84	1.0	48.2	16.9	780	1.64	374	1.9	<0.1	6.4	365	0.3	76.3	0.1
1045799	Drill Core	6.19	0.063	200.6	1886	21.0	92	0.6	54.9	22.8	736	1.92	225	1.2	<0.1	5.1	423	<0.1	65.8	0.2
1045800	Drill Core	6.22	0.062	196.2	2551	89.6	260	2.6	46.9	26.6	2900	2.20	314	1.4	<0.1	5.2	231	1.3	73.1	0.3
1045801	Drill Core	5.89	0.067	466.6	2377	34.0	65	0.7	89.3	22.9	884	1.97	94	1.1	<0.1	6.0	261	0.1	22.0	0.2



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045772	Drill Core	2.40	0.013	9.2	4	0.83	650	0.032	5.41	0.046	2.65	1.1	37.3	17	0.5	6.4	10.1	1.1	2	<1
1045773	Drill Core	1.38	0.016	9.3	3	0.52	282	0.036	5.96	0.051	3.04	1.1	41.6	18	0.6	6.6	11.6	1.2	2	1
1045774	Drill Core	3.20	0.052	13.8	8	1.09	1990	0.173	5.89	0.046	2.78	1.6	59.4	27	0.5	8.2	8.3	0.7	1	4
1045775	Rock Pulp	0.40	0.111	17.2	58	1.02	449	0.286	6.91	1.502	4.71	12.7	25.2	32	2.2	11.0	2.7	0.2	1	15
1045776	Drill Core	2.11	0.055	14.3	6	0.72	294	0.134	6.31	0.048	2.92	1.9	56.9	27	0.7	8.5	10.4	1.0	2	3
1045777	Drill Core	0.61	0.023	10.5	2	0.33	264	0.039	5.84	0.041	3.09	1.2	46.8	20	0.6	7.2	12.6	1.3	1	1
1045778	Drill Core	0.35	0.019	10.1	2	0.23	230	0.047	5.46	0.035	3.04	1.9	42.2	19	0.6	6.3	11.2	1.2	2	1
1045779	Drill Core	0.50	0.017	10.4	3	0.27	339	0.037	5.64	0.046	3.22	1.2	45.2	21	0.7	6.7	12.7	1.3	2	<1
1045780	Drill Core	0.35	0.017	10.3	4	0.20	369	0.039	5.78	0.042	3.32	0.9	46.1	19	0.6	6.5	13.1	1.3	1	1
1045781	Drill Core	0.59	0.017	11.1	3	0.19	255	0.040	6.26	0.036	3.22	1.1	48.3	22	0.7	7.4	13.4	1.4	2	1
1045782	Drill Core	0.95	0.015	8.8	3	0.14	206	0.040	6.36	0.038	3.31	1.3	49.7	18	0.7	7.1	13.9	1.5	2	1
1045783	Drill Core	0.72	0.018	10.0	3	0.21	172	0.038	6.03	0.053	3.25	1.0	43.9	20	0.6	6.8	12.5	1.3	2	1
1045784	Drill Core	0.77	0.019	11.4	2	0.26	336	0.036	6.29	0.043	3.21	1.4	46.4	22	0.7	8.0	12.5	1.2	2	1
1045785	Drill Core	0.88	0.012	9.9	2	0.14	255	0.042	5.88	0.057	3.23	1.2	49.6	18	0.7	7.3	14.7	1.4	1	1
1045786	Drill Core	0.96	0.013	7.5	2	0.14	242	0.043	6.10	0.062	3.38	1.4	48.6	16	0.7	6.6	13.6	1.3	2	1
1045787	Drill Core	1.52	0.014	8.4	2	0.14	293	0.043	6.35	0.054	3.31	1.2	50.8	18	0.6	7.5	14.8	1.4	1	1
1045788	Drill Core	1.30	0.014	8.4	2	0.31	607	0.044	6.28	0.062	3.38	1.0	49.6	18	0.5	7.2	13.5	1.3	1	1
1045789	Drill Core	2.16	0.056	13.0	67	1.01	455	0.146	6.52	1.363	2.53	0.6	31.9	29	0.8	8.4	1.6	<0.1	2	9
1045790	Rock	36.46	0.003	0.5	<1	1.70	8	<0.001	0.11	0.007	0.06	<0.1	1.4	<1	0.1	0.4	0.3	<0.1	<1	<1
1045791	Drill Core	2.27	0.049	13.2	75	1.01	175	0.155	6.13	1.011	2.46	1.1	27.0	29	0.8	7.3	1.4	<0.1	1	9
1045792	Drill Core	1.96	0.047	18.2	78	0.95	113	0.181	6.09	1.082	1.55	2.0	32.2	39	0.8	6.8	1.8	0.1	2	11
1045793	Drill Core	2.03	0.060	13.2	77	0.97	289	0.174	6.64	2.265	1.74	1.0	33.7	28	0.9	8.3	1.4	<0.1	2	10
1045794	Drill Core	1.84	0.055	14.6	77	1.09	845	0.175	7.10	2.908	2.34	0.5	28.9	32	0.7	8.5	1.6	0.1	1	12
1045795	Drill Core	2.23	0.062	20.6	78	1.21	823	0.189	7.57	1.953	2.48	0.9	36.2	43	0.9	8.9	1.7	0.1	2	13
1045796	Rock Pulp	0.42	0.107	15.7	47	0.85	558	0.257	7.39	1.170	4.91	24.7	23.6	29	3.2	10.9	3.4	0.2	<1	13
1045797	Drill Core	2.57	0.078	79.4	73	1.18	569	0.173	7.37	1.105	2.06	1.8	31.7	131	0.9	11.1	1.7	0.1	2	13
1045798	Drill Core	2.02	0.053	21.8	63	1.03	529	0.147	7.76	0.100	1.83	1.2	32.7	41	0.8	10.8	1.5	0.1	2	12
1045799	Drill Core	1.81	0.060	26.6	68	0.89	509	0.116	6.96	0.113	2.81	0.6	39.2	50	0.5	7.4	1.3	<0.1	2	9
1045800	Drill Core	1.79	0.057	30.8	74	0.73	275	0.108	6.79	0.386	2.95	0.8	21.9	55	0.5	7.0	1.0	<0.1	1	7
1045801	Drill Core	1.94	0.050	13.5	81	0.88	358	0.105	7.15	1.230	2.36	0.5	22.8	28	0.6	6.1	0.7	<0.1	1	10



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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045772	Drill Core	<0.1	132.7	2.0
1045773	Drill Core	<0.1	152.2	2.3
1045774	Drill Core	0.1	131.1	2.2
1045775	Rock Pulp	2.0	118.7	0.7
1045776	Drill Core	<0.1	142.8	2.4
1045777	Drill Core	<0.1	146.3	2.6
1045778	Drill Core	<0.1	138.6	2.3
1045779	Drill Core	<0.1	162.5	2.4
1045780	Drill Core	<0.1	162.5	2.5
1045781	Drill Core	<0.1	155.0	2.6
1045782	Drill Core	<0.1	145.0	2.7
1045783	Drill Core	<0.1	150.4	2.5
1045784	Drill Core	<0.1	157.2	2.5
1045785	Drill Core	<0.1	151.4	2.7
1045786	Drill Core	<0.1	142.8	2.7
1045787	Drill Core	<0.1	166.1	2.7
1045788	Drill Core	<0.1	183.9	2.7
1045789	Drill Core	1.3	106.1	0.9
1045790	Rock	<0.1	2.8	<0.1
1045791	Drill Core	1.2	104.8	0.8
1045792	Drill Core	1.1	62.5	1.0
1045793	Drill Core	0.9	70.8	1.0
1045794	Drill Core	0.6	79.5	0.8
1045795	Drill Core	1.0	89.6	1.0
1045796	Rock Pulp	2.5	65.1	0.6
1045797	Drill Core	0.7	77.6	0.8
1045798	Drill Core	0.7	100.7	1.0
1045799	Drill Core	1.0	100.8	0.9
1045800	Drill Core	1.2	125.9	0.7
1045801	Drill Core	1.0	96.6	0.6



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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045802	Drill Core	6.85	0.051	174.2	2273	11.6	43	0.6	58.9	28.6	504	2.40	19	1.0	<0.1	4.5	216	<0.1	4.1	0.3



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CERTIFICATE OF ANALYSIS

SMI11000544.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045802	Drill Core	1.75	0.059	8.1	79	0.73	128	0.101	5.61	2.035	1.65	0.7	20.4	18	0.6	6.2	1.0	<0.1	1	5



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CERTIFICATE OF ANALYSIS

SMI11000544.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1045802	Drill Core	1.4	73.0	0.6



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Poplar Drilling

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Part 1

QUALITY CONTROL REPORT

SMI11000544.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045688	Drill Core	2.87	0.020	172.0	1101	17.3	60	0.9	58.6	22.4	710	2.92	135	1.3	<0.1	6.9	307	0.2	12.5	0.4	120
REP 1045688	QC			176.4	1077	16.8	55	0.9	56.9	21.4	687	2.81	132	1.3	<0.1	6.5	297	0.3	12.5	0.4	116
1045716	Drill Core	5.61	0.020	24.5	766.2	35.2	123	1.0	4.1	29.1	390	2.81	86	1.5	<0.1	4.4	550	0.7	6.5	0.3	40
REP 1045716	QC		0.022																		
1045724	Drill Core	5.72	<0.005	3.5	2.0	74.4	172	0.1	0.4	0.6	1061	0.59	4	9.8	<0.1	14.9	122	0.7	0.7	0.1	4
REP 1045724	QC			3.8	0.7	70.8	185	0.1	0.4	0.9	1054	0.61	3	9.8	<0.1	15.2	124	0.8	0.7	0.2	4
1045746	Drill Core	3.32	0.053	96.8	2415	106.1	361	2.8	3.4	13.9	1053	1.26	706	2.8	<0.1	6.3	866	2.3	55.6	0.5	34
REP 1045746	QC		0.053																		
1045747	Drill Core	6.02	0.018	69.2	1005	44.4	128	0.8	3.5	23.2	526	1.62	279	1.7	<0.1	5.1	627	1.0	10.9	0.3	35
REP 1045747	QC			68.6	993.2	44.7	129	0.8	3.0	24.1	520	1.62	275	1.6	<0.1	5.1	601	0.9	10.4	0.2	35
1045766	Drill Core	5.82	<0.005	1.0	1.2	23.5	47	<0.1	0.3	0.6	555	0.68	5	9.2	<0.1	16.7	284	<0.1	6.6	0.1	4
REP 1045766	QC			1.0	1.0	27.1	47	<0.1	0.3	0.4	554	0.67	5	9.1	<0.1	16.4	277	<0.1	6.5	0.1	4
1045785	Drill Core	5.28	<0.005	0.7	1.0	120.4	176	<0.1	0.4	0.6	446	0.52	6	9.3	<0.1	15.3	115	0.7	1.8	0.6	3
REP 1045785	QC			0.7	0.5	114.6	178	<0.1	0.4	0.6	452	0.55	6	8.8	<0.1	14.8	116	0.8	1.8	0.6	3
Core Reject Duplicates																					
1045690	Drill Core	5.86	0.028	89.1	1346	22.3	60	1.2	71.0	29.5	373	2.89	182	1.6	<0.1	7.0	553	0.4	1.8	0.6	122
DUP 1045690	QC		0.033	84.5	1261	19.2	49	1.1	68.0	26.5	362	2.76	165	1.5	<0.1	6.8	527	0.2	1.5	0.6	118
1045725	Drill Core	5.35	<0.005	2.9	3.2	89.9	175	0.2	0.3	1.0	685	0.51	3	9.4	<0.1	14.4	129	0.9	0.5	0.2	4
DUP 1045725	QC		<0.005	3.3	4.5	97.7	183	0.2	0.4	0.7	697	0.52	4	9.4	<0.1	14.9	138	0.9	0.6	0.2	4
1045760	Drill Core	5.74	<0.005	7.2	9.8	103.6	260	0.8	<0.1	0.9	732	0.58	6	11.3	<0.1	15.8	103	1.6	2.2	0.5	4
DUP 1045760	QC		<0.005	7.3	8.6	97.4	263	0.8	<0.1	0.9	746	0.57	5	11.2	<0.1	15.3	107	1.4	2.1	0.5	5
1045795	Drill Core	5.74	0.061	172.9	2140	43.9	212	1.7	66.6	19.9	670	1.90	104	1.7	0.1	6.3	496	1.3	9.3	0.2	113
DUP 1045795	QC		0.057	175.3	2089	45.7	208	1.7	69.4	19.6	667	1.84	97	1.5	<0.1	6.1	489	1.7	9.3	0.2	112
Reference Materials																					
STD OREAS24P	Standard			1.5	51.0	2.9	112	0.2	144.2	46.0	1081	7.33	<1	0.7	<0.1	2.9	359	0.2	<0.1	0.1	160
STD OREAS24P	Standard			1.5	50.4	2.2	110	<0.1	138.3	44.1	1091	7.55	1	0.6	<0.1	2.9	360	0.1	<0.1	<0.1	164
STD OREAS24P	Standard			1.3	54.5	3.3	116	<0.1	145.2	47.3	1054	7.53	3	0.7	<0.1	2.9	380	<0.1	0.1	0.1	153
STD OREAS24P	Standard			1.3	45.0	2.8	107	<0.1	137.7	44.8	1041	7.28	2	0.6	<0.1	2.8	378	<0.1	<0.1	<0.1	171



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QUALITY CONTROL REPORT

SMI11000544.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045688	Drill Core	1.73	0.080	21.7	77	1.21	612	0.135	7.61	0.223	3.37	1.2	37.7	45	1.3	8.5	1.8	0.1	1	15
REP 1045688	QC	1.62	0.077	20.7	71	1.15	644	0.120	7.08	0.208	3.24	1.0	33.9	43	1.4	7.9	1.6	0.1	1	13
1045716	Drill Core	2.07	0.100	15.5	5	0.65	101	0.075	8.61	2.225	2.80	0.4	30.7	34	1.2	8.8	1.5	0.1	1	4
REP 1045716	QC																			
1045724	Drill Core	2.18	0.013	7.9	2	0.21	300	0.040	6.63	0.061	1.85	1.0	48.2	17	0.6	7.2	13.3	1.3	2	1
REP 1045724	QC	2.18	0.014	8.2	<1	0.23	306	0.039	6.58	0.063	1.78	1.0	48.9	17	0.7	7.5	13.4	1.4	2	2
1045746	Drill Core	1.89	0.067	24.8	2	0.63	758	0.074	7.60	0.539	3.26	0.8	28.0	46	1.0	7.5	3.2	0.3	2	4
REP 1045746	QC																			
1045747	Drill Core	2.19	0.082	20.2	2	0.61	430	0.074	7.40	2.184	2.39	0.6	27.0	39	0.6	7.2	2.2	0.2	2	4
REP 1045747	QC	2.16	0.082	19.7	2	0.60	440	0.077	7.46	2.199	2.39	0.6	27.2	39	0.6	7.2	2.2	0.2	1	4
1045766	Drill Core	0.69	0.029	11.0	<1	0.34	208	0.037	6.15	0.034	2.71	1.4	44.3	21	0.6	7.2	11.8	1.4	1	1
REP 1045766	QC	0.67	0.030	10.6	2	0.33	198	0.036	5.98	0.032	2.71	1.4	42.9	20	0.6	7.0	11.4	1.2	1	1
1045785	Drill Core	0.88	0.012	9.9	2	0.14	255	0.042	5.88	0.057	3.23	1.2	49.6	18	0.7	7.3	14.7	1.4	1	1
REP 1045785	QC	0.91	0.013	8.3	2	0.14	251	0.044	5.97	0.062	3.29	1.5	51.0	17	0.7	7.1	14.2	1.4	2	1
Core Reject Duplicates																				
1045690	Drill Core	1.59	0.088	21.0	80	1.23	299	0.113	8.40	0.425	3.68	0.9	40.5	45	1.2	8.2	1.6	<0.1	2	16
DUP 1045690	QC	1.48	0.087	21.2	76	1.19	258	0.113	8.00	0.407	3.50	1.0	38.6	45	1.1	8.2	1.5	0.1	2	15
1045725	Drill Core	1.72	0.014	7.6	2	0.14	305	0.040	6.29	0.047	2.16	1.2	47.0	16	0.6	7.0	13.0	1.3	2	1
DUP 1045725	QC	1.70	0.014	7.4	2	0.15	329	0.041	6.21	0.048	2.07	1.3	48.9	15	0.6	7.0	13.4	1.4	3	1
1045760	Drill Core	1.29	0.015	8.6	1	0.27	311	0.039	6.05	0.061	3.25	1.8	46.0	18	0.7	7.3	12.3	1.3	2	1
DUP 1045760	QC	1.31	0.015	8.9	1	0.27	313	0.038	6.21	0.057	3.28	1.9	47.4	18	0.7	7.6	12.6	1.3	2	1
1045795	Drill Core	2.23	0.062	20.6	78	1.21	823	0.189	7.57	1.953	2.48	0.9	36.2	43	0.9	8.9	1.7	0.1	2	13
DUP 1045795	QC	2.18	0.063	19.4	81	1.17	811	0.187	7.42	1.856	2.45	0.9	35.7	40	1.0	8.5	1.7	0.1	2	13
Reference Materials																				
STD OREAS24P	Standard	5.53	0.137	18.9	211	4.03	279	1.022	7.49	2.507	0.64	0.5	134.8	37	1.6	20.6	18.9	1.1	1	19
STD OREAS24P	Standard	5.43	0.134	17.3	187	4.17	265	1.005	7.27	2.406	0.67	0.3	125.0	36	1.7	19.9	17.8	1.1	<1	19
STD OREAS24P	Standard	6.07	0.129	18.3	198	4.16	270	1.068	7.77	2.447	0.66	0.4	136.5	37	1.7	22.4	19.6	1.1	1	20
STD OREAS24P	Standard	5.58	0.137	17.8	185	4.10	270	1.085	7.73	2.584	0.65	0.4	128.6	36	1.6	20.0	18.6	1.0	<1	20



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Project: Poplar Drilling

Report Date: December 05, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000544.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045688	Drill Core	1.8	106.3	1.1
REP 1045688	QC	1.7	101.1	0.9
1045716	Drill Core	2.3	98.8	1.2
REP 1045716	QC			
1045724	Drill Core	<0.1	98.1	2.8
REP 1045724	QC	<0.1	95.2	2.6
1045746	Drill Core	0.8	117.6	1.1
REP 1045746	QC			
1045747	Drill Core	1.2	85.1	1.0
REP 1045747	QC	1.2	86.5	1.1
1045766	Drill Core	<0.1	117.9	2.3
REP 1045766	QC	<0.1	118.8	2.5
1045785	Drill Core	<0.1	151.4	2.7
REP 1045785	QC	<0.1	150.7	2.8
Core Reject Duplicates				
1045690	Drill Core	1.9	110.6	1.2
DUP 1045690	QC	1.8	104.0	1.1
1045725	Drill Core	<0.1	110.0	2.6
DUP 1045725	QC	<0.1	115.7	2.7
1045760	Drill Core	<0.1	144.1	2.6
DUP 1045760	QC	<0.1	146.0	2.7
1045795	Drill Core	1.0	89.6	1.0
DUP 1045795	QC	0.9	84.2	1.0
Reference Materials				
STD OREAS24P	Standard	<0.1	21.5	3.5
STD OREAS24P	Standard	<0.1	23.2	3.4
STD OREAS24P	Standard	<0.1	23.2	3.5
STD OREAS24P	Standard	<0.1	24.1	3.4



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Project: Poplar Drilling

Report Date: December 05, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000544.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.6	51.1	3.6	126	0.1	145.1	47.1	1090	7.59	1	0.8	<0.1	3.3	351	<0.1	<0.1	<0.1
STD OREAS24P	Standard			1.4	53.5	2.8	111	<0.1	143.7	45.9	1129	7.22	<1	0.7	<0.1	2.8	388	<0.1	0.2	<0.1
STD OREAS45C	Standard			2.5	610.9	24.7	74	0.3	336.5	101.0	1154	17.83	12	2.3	<0.1	11.1	37	0.2	0.7	0.3
STD OREAS45C	Standard			2.4	644.4	25.3	82	0.4	354.1	105.6	1175	18.47	14	2.4	<0.1	11.0	33	0.3	1.1	0.3
STD OREAS45C	Standard			2.5	615.6	25.2	78	0.1	330.1	99.0	1125	17.38	12	2.3	<0.1	10.6	32	<0.1	0.7	0.3
STD OREAS45C	Standard			2.3	627.2	26.2	80	0.3	345.4	103.8	1116	18.62	12	2.3	<0.1	11.3	44	0.2	0.8	0.3
STD OREAS45C	Standard			2.1	647.3	26.6	86	0.4	351.3	110.2	1164	19.09	13	2.7	<0.1	12.0	36	0.3	0.7	0.2
STD OREAS45C	Standard			2.2	605.8	23.9	75	0.1	317.3	97.8	1148	17.25	11	2.2	<0.1	10.2	39	0.2	0.7	0.2
STD OXH82	Standard		1.262																	
STD OXH82	Standard		1.300																	
STD OXH82	Standard		1.295																	
STD OXH82	Standard		1.266																	
STD OXH82	Standard		1.292																	
STD OXH82	Standard		1.348																	
STD OXH82	Standard		1.364																	
STD OXK79	Standard		3.576																	
STD OXK79	Standard		3.453																	
STD OXK79	Standard		3.677																	
STD OXK79	Standard		3.613																	
STD OXK79	Standard		3.715																	
STD OXK79	Standard		3.670																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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Report Date: December 05, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000544.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.74	0.137	20.0	198	4.26	281	1.075	7.89	2.540	0.67	0.4	138.5	36	1.6	21.4	19.6	1.2	1	20	7.5
STD OREAS24P	Standard	5.90	0.139	18.1	200	4.06	279	1.086	7.71	2.389	0.67	0.4	127.1	36	1.6	21.2	18.5	1.1	<1	20	7.5
STD OREAS45C	Standard	0.48	0.051	26.1	914	0.25	279	1.119	7.18	0.101	0.36	1.0	161.7	51	3.0	11.9	21.0	1.4	<1	59	15.4
STD OREAS45C	Standard	0.50	0.056	25.1	936	0.27	295	1.183	7.23	0.112	0.37	1.2	171.5	50	3.0	12.0	23.0	1.4	<1	59	15.6
STD OREAS45C	Standard	0.48	0.051	24.7	888	0.26	265	1.138	7.18	0.103	0.35	1.0	162.5	50	2.7	11.8	22.2	1.4	<1	58	16.4
STD OREAS45C	Standard	0.46	0.055	26.4	928	0.28	300	1.229	7.35	0.108	0.34	1.1	169.2	53	3.2	12.8	23.1	1.5	1	62	15.9
STD OREAS45C	Standard	0.48	0.051	27.8	1001	0.30	283	1.203	7.44	0.111	0.37	1.1	172.9	51	3.4	13.2	24.6	1.5	1	58	17.3
STD OREAS45C	Standard	0.46	0.053	26.1	898	0.27	283	1.190	7.22	0.097	0.35	1.0	158.2	51	2.9	12.4	22.0	1.4	<1	59	16.0
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Project: Poplar Drilling

Report Date: December 05, 2011

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QUALITY CONTROL REPORT

SMI11000544.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	22.5	3.3
STD OREAS24P	Standard	<0.1	20.9	3.3
STD OREAS45C	Standard	<0.1	22.6	4.4
STD OREAS45C	Standard	<0.1	24.3	4.9
STD OREAS45C	Standard	<0.1	23.8	4.5
STD OREAS45C	Standard	<0.1	26.8	4.6
STD OREAS45C	Standard	<0.1	25.2	4.4
STD OREAS45C	Standard	<0.1	23.8	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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Page: 3 of 3 Part 1

SMI11000544.1

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Project: Poplar Drilling

Report Date: December 05, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000544.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
Prep Wash																			
G1	Prep Blank	2.27	0.077	26.2	5	0.60	1000	0.246	6.63	2.736	3.18	0.2	12.5	52	1.8	12.7	23.4	1.3	3
G1	Prep Blank	2.28	0.079	27.9	8	0.56	920	0.267	6.41	2.818	2.96	0.2	12.9	59	1.7	13.9	25.3	1.4	3



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Project: Poplar Drilling

Report Date: December 05, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000544.1

		1EX S %	1EX Rb ppm	1EX Hf ppm
		0.1	0.1	0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	129.9	0.7
G1	Prep Blank	<0.1	126.0	0.7



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Client: **Lions Gate Metals Inc.**
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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 05, 2011
Report Date: January 17, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000544.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_9&10
P.O. Number
Number of Samples: 121

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	121	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	121	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000544.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045682	Drill Core	4.64	0.054	66.6	2191	150.9	335	3.1	62.9	40.5	3505	3.87	106	1.4	<0.1	5.0	351	1.7	11.8	0.5
1045683	Drill Core	4.87	0.047	55.2	1605	117.3	323	2.3	61.6	34.2	2859	3.53	253	1.3	<0.1	5.6	569	1.8	14.9	0.3
1045684	Drill Core	3.93	0.032	76.1	1432	10.5	38	1.2	59.6	20.7	514	2.61	112	1.0	<0.1	5.0	414	0.2	8.3	0.5
1045685	Drill Core	5.08	0.019	80.6	952.5	4.8	28	0.6	69.2	21.1	480	2.83	70	1.1	<0.1	5.5	337	0.1	4.3	0.3
1045686	Drill Core	6.41	0.026	64.8	1485	182.2	340	5.3	60.0	23.6	2417	3.04	323	1.3	<0.1	6.5	237	2.4	63.8	0.5
1045687	Drill Core	6.00	0.019	34.8	1100	17.0	66	1.0	59.6	22.4	705	2.83	138	1.3	<0.1	6.5	297	0.3	12.7	0.4
1045688	Drill Core	2.87	0.020	172.0	1101	17.3	60	0.9	58.6	22.4	710	2.92	135	1.3	<0.1	6.9	307	0.2	12.5	0.4
1045689	Drill Core	6.95	0.021	60.6	1222	22.0	106	0.9	65.9	28.6	430	2.96	98	1.2	<0.1	6.3	267	0.4	2.6	0.4
1045690	Drill Core	5.86	0.028	89.1	1346	22.3	60	1.2	71.0	29.5	373	2.89	182	1.6	<0.1	7.0	553	0.4	1.8	0.6
1045691	Rock	0.67	<0.005	0.5	10.1	<0.1	<1	<0.1	<0.1	<0.2	28	0.04	<1	1.3	<0.1	<0.1	4101	<0.1	<0.1	<0.1
1045692	Drill Core	5.92	0.028	120.0	1140	32.3	71	1.2	60.4	22.6	732	2.31	137	1.6	<0.1	7.3	404	0.2	4.3	0.5
1045693	Drill Core	6.95	0.050	165.8	2389	60.0	173	2.0	48.2	18.1	1035	1.88	458	1.7	<0.1	7.4	683	0.8	21.6	0.5
1045694	Drill Core	4.12	0.055	222.3	2592	169.6	506	5.4	45.1	17.5	2729	1.97	763	1.5	<0.1	7.2	652	3.3	51.7	0.5
1045695	Drill Core	5.05	0.070	94.2	1550	51.8	142	1.9	5.8	20.1	557	1.47	590	1.4	<0.1	4.7	714	0.8	28.0	0.4
1045696	Drill Core	6.57	0.110	123.7	3135	617.8	554	8.3	6.8	22.8	1255	2.07	1044	2.3	<0.1	4.5	706	4.0	133.3	1.1
1045697	Rock Pulp	0.12	0.854	22.5	5256	6430	>10000	74.1	48.0	20.2	572	9.40	485	2.3	0.8	2.4	169	242.6	119.9	28.6
1045698	Drill Core	6.43	0.045	132.9	2406	138.4	325	3.5	9.6	45.4	606	2.38	845	2.6	<0.1	4.9	703	1.9	61.3	0.4
1045699	Drill Core	5.80	0.035	144.9	1917	91.3	349	7.2	8.0	38.5	619	2.30	1691	2.1	<0.1	4.6	700	2.1	51.8	0.3
1045700	Drill Core	5.39	0.021	33.3	1094	7.5	27	1.0	5.8	32.6	409	2.31	214	1.7	<0.1	4.9	447	<0.1	5.7	0.9
1045701	Drill Core	5.75	0.007	64.1	589.3	158.1	775	14.2	4.8	30.7	682	2.44	173	1.4	<0.1	4.5	737	5.9	66.1	0.8
1045702	Drill Core	5.42	0.009	23.7	586.5	111.9	289	7.2	3.4	30.5	649	3.00	193	2.6	<0.1	4.1	830	2.1	45.1	0.6
1045703	Drill Core	5.81	0.012	39.7	626.6	272.8	692	10.7	3.6	32.4	827	2.85	339	3.6	<0.1	7.2	1114	5.0	59.6	0.9
1045704	Drill Core	5.93	0.015	38.3	1018	83.9	246	4.6	6.9	34.6	676	3.11	369	2.1	<0.1	5.1	997	1.8	50.4	0.8
1045705	Drill Core	2.90	0.024	27.6	781.6	64.4	184	3.1	6.6	34.1	735	3.00	382	1.9	<0.1	5.2	804	1.1	35.1	0.6
1045706	Drill Core	5.98	0.010	36.2	714.0	21.4	64	1.1	4.1	29.7	413	2.79	233	1.7	<0.1	4.5	554	0.3	13.4	0.3
1045707	Drill Core	5.79	0.011	46.2	877.6	25.1	77	1.5	3.6	32.6	356	2.53	136	1.3	<0.1	4.3	488	0.6	7.8	0.3
1045708	Drill Core	6.28	0.015	19.6	757.4	27.1	92	1.2	3.9	30.3	672	2.69	152	1.7	<0.1	5.3	574	0.6	13.5	0.2
1045709	Drill Core	5.39	0.011	31.5	757.5	75.8	787	4.1	3.5	29.8	2636	3.08	264	1.4	<0.1	4.1	606	5.1	38.2	0.3
1045710	Rock	2.60	<0.005	0.6	9.6	<0.1	<1	0.1	<0.1	<0.2	40	0.02	<1	1.3	<0.1	<0.1	5540	<0.1	0.4	<0.1
1045711	Drill Core	6.40	0.020	46.3	1237	128.6	271	9.6	3.9	41.5	886	3.19	446	1.5	<0.1	4.3	685	2.0	72.1	0.6



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Project:

Poplar Drilling

Report Date:

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045682	Drill Core	1.48	0.056	24.6	73	1.09	177	0.116	6.29	0.096	3.05	1.2	33.0	48	1.2	6.7	1.2	<0.1	1	12
1045683	Drill Core	1.43	0.075	27.7	71	1.08	350	0.120	6.59	0.093	3.15	1.4	28.9	56	1.3	7.0	1.5	0.1	1	13
1045684	Drill Core	1.30	0.071	13.8	66	1.18	743	0.152	7.96	0.153	3.40	1.3	25.0	29	1.5	5.9	1.8	0.1	2	18
1045685	Drill Core	1.39	0.074	17.1	70	1.21	813	0.163	8.24	0.119	3.32	0.8	22.8	38	1.1	5.9	2.1	0.1	2	19
1045686	Drill Core	1.61	0.075	22.0	62	1.18	640	0.123	6.90	0.097	3.32	1.2	30.0	45	1.2	7.8	1.7	0.1	1	13
1045687	Drill Core	1.78	0.080	19.5	78	1.25	643	0.133	8.23	0.189	3.14	1.0	37.3	41	1.4	7.7	1.7	<0.1	1	16
1045688	Drill Core	1.73	0.080	21.7	77	1.21	612	0.135	7.61	0.223	3.37	1.2	37.7	45	1.3	8.5	1.8	0.1	1	15
1045689	Drill Core	1.76	0.069	18.2	78	1.21	358	0.130	6.61	0.733	2.93	0.8	37.4	39	1.1	7.9	1.5	0.1	1	13
1045690	Drill Core	1.59	0.088	21.0	80	1.23	299	0.113	8.40	0.425	3.68	0.9	40.5	45	1.2	8.2	1.6	<0.1	2	16
1045691	Rock	34.15	0.004	1.1	<1	1.88	9	0.002	<0.01	0.005	0.02	<0.1	0.5	1	<0.1	0.4	0.2	<0.1	<1	<1
1045692	Drill Core	1.91	0.080	23.9	72	1.18	981	0.146	8.24	0.399	3.92	0.8	38.2	48	0.9	8.3	1.7	0.1	2	17
1045693	Drill Core	1.60	0.085	34.0	65	1.23	1092	0.117	8.26	0.095	3.68	1.5	38.7	65	1.2	8.1	1.6	0.1	1	15
1045694	Drill Core	1.92	0.078	28.6	57	1.14	977	0.107	7.48	0.082	3.63	1.6	36.8	56	1.2	8.0	1.7	0.1	2	13
1045695	Drill Core	1.92	0.085	19.7	4	0.65	578	0.061	6.77	0.839	2.56	1.0	31.7	39	0.9	6.1	1.8	0.1	1	3
1045696	Drill Core	1.78	0.091	35.1	2	0.78	341	0.043	6.31	0.110	2.65	1.1	26.8	64	1.5	9.0	1.3	<0.1	1	3
1045697	Rock Pulp	1.76	0.051	11.6	32	0.91	175	0.191	3.78	1.309	0.72	1.1	34.8	26	55.3	11.3	4.5	0.2	<1	8
1045698	Drill Core	1.54	0.117	32.0	2	0.77	167	0.053	7.56	0.525	2.86	1.7	35.6	61	1.6	8.4	1.7	0.1	1	3
1045699	Drill Core	1.41	0.105	22.1	3	0.67	237	0.057	7.64	0.385	3.07	1.3	33.1	44	1.3	7.2	1.7	0.1	1	3
1045700	Drill Core	1.83	0.095	21.9	5	0.71	395	0.062	8.26	2.086	2.36	0.8	35.0	44	0.9	7.1	1.8	0.1	1	4
1045701	Drill Core	2.40	0.097	16.1	2	0.75	244	0.065	7.70	1.967	2.44	0.6	34.2	36	0.9	7.2	1.8	0.1	2	4
1045702	Drill Core	2.14	0.100	12.5	5	0.67	87	0.083	6.96	1.210	2.81	0.8	31.9	29	1.0	7.2	2.0	0.1	1	4
1045703	Drill Core	1.67	0.092	19.1	2	0.66	161	0.069	8.10	0.164	3.17	1.3	37.5	39	0.9	8.6	4.3	0.4	2	4
1045704	Drill Core	1.36	0.109	22.2	4	0.74	308	0.066	7.99	0.082	3.22	0.9	34.4	44	0.9	7.3	1.8	0.1	1	4
1045705	Drill Core	1.41	0.104	19.4	3	0.76	417	0.065	8.11	0.084	3.05	0.9	34.4	38	0.9	7.0	1.7	0.1	2	4
1045706	Drill Core	1.79	0.093	16.9	4	0.64	129	0.067	7.35	1.404	2.77	0.6	31.0	35	0.9	6.9	1.7	0.1	2	4
1045707	Drill Core	1.87	0.085	15.7	3	0.61	168	0.065	6.71	1.510	2.84	0.5	30.9	34	1.2	7.4	1.8	0.1	1	3
1045708	Drill Core	1.97	0.098	18.9	7	0.74	261	0.089	8.40	2.001	2.73	0.3	36.7	39	1.1	7.8	2.1	0.2	1	5
1045709	Drill Core	2.17	0.089	15.1	3	0.73	127	0.080	6.94	1.428	3.09	0.5	33.7	34	0.8	7.2	1.7	0.1	1	4
1045710	Rock	35.06	0.005	0.7	<1	1.75	12	0.002	0.02	0.012	0.02	<0.1	0.6	<1	<0.1	0.4	0.2	<0.1	<1	<1
1045711	Drill Core	1.98	0.098	15.9	3	0.73	130	0.080	6.84	1.246	3.05	0.4	30.9	35	1.1	7.2	1.9	0.1	1	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045682	Drill Core	2.3	108.8	1.0
1045683	Drill Core	2.1	102.6	0.9
1045684	Drill Core	1.3	102.3	0.7
1045685	Drill Core	1.2	94.8	0.7
1045686	Drill Core	1.7	99.9	0.9
1045687	Drill Core	1.6	91.3	1.1
1045688	Drill Core	1.8	106.3	1.1
1045689	Drill Core	1.9	85.0	1.1
1045690	Drill Core	1.9	110.6	1.2
1045691	Rock	<0.1	1.1	<0.1
1045692	Drill Core	1.2	114.6	1.1
1045693	Drill Core	1.1	107.2	1.2
1045694	Drill Core	1.1	107.1	1.1
1045695	Drill Core	1.2	71.8	1.0
1045696	Drill Core	1.7	79.8	0.9
1045697	Rock Pulp	9.4	25.7	1.2
1045698	Drill Core	2.1	83.9	1.2
1045699	Drill Core	2.1	91.1	1.1
1045700	Drill Core	2.0	75.9	1.2
1045701	Drill Core	2.0	81.0	1.4
1045702	Drill Core	2.7	93.8	1.3
1045703	Drill Core	2.5	124.4	1.5
1045704	Drill Core	2.7	117.1	1.4
1045705	Drill Core	2.5	113.3	1.3
1045706	Drill Core	2.5	88.4	1.2
1045707	Drill Core	2.3	86.4	1.2
1045708	Drill Core	2.2	95.7	1.5
1045709	Drill Core	2.6	100.0	1.2
1045710	Rock	<0.1	1.2	<0.1
1045711	Drill Core	2.6	99.6	1.3



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045712	Drill Core	6.19	0.006	16.8	609.2	91.2	517	6.6	2.1	23.1	1000	1.80	233	4.3	<0.1	8.6	707	3.0	39.4	0.5
1045713	Drill Core	6.21	0.022	31.1	1391	49.2	111	3.4	4.2	32.5	655	2.22	170	1.7	<0.1	4.9	715	0.8	33.8	0.2
1045714	Drill Core	5.02	0.015	72.6	1022	32.3	84	2.9	3.7	23.5	564	1.88	59	1.3	<0.1	4.5	515	0.4	15.8	0.1
1045715	Rock Pulp	0.12	0.902	21.7	5152	5838	>10000	70.3	47.2	19.5	524	8.92	481	2.2	0.8	2.4	154	231.1	112.6	27.8
1045716	Drill Core	5.61	0.020	24.5	766.2	35.2	123	1.0	4.1	29.1	390	2.81	86	1.5	<0.1	4.4	550	0.7	6.5	0.3
1045717	Drill Core	4.88	0.013	55.0	930.6	54.6	180	3.2	3.8	31.1	722	2.89	319	1.6	<0.1	4.3	627	1.0	21.7	0.3
1045718	Drill Core	5.84	0.015	39.2	575.3	14.6	61	0.5	3.4	22.8	373	2.70	89	1.7	<0.1	4.9	751	0.4	3.0	0.3
1045719	Drill Core	1.53	0.029	54.1	1122	63.1	262	2.4	4.1	28.3	753	2.56	401	2.2	<0.1	5.6	1062	1.8	45.4	0.8
1045720	Drill Core	5.82	0.005	1.8	33.9	244.5	762	2.5	0.6	1.0	952	0.60	14	9.1	<0.1	15.3	187	5.2	10.0	0.9
1045721	Drill Core	5.39	<0.005	1.3	7.4	79.4	188	0.2	0.1	1.1	693	0.49	6	8.3	<0.1	13.3	221	0.9	0.7	0.2
1045722	Drill Core	5.60	<0.005	1.7	3.3	56.6	125	0.3	0.3	0.9	588	0.50	6	11.3	<0.1	14.2	267	0.5	0.6	0.1
1045723	Drill Core	5.47	<0.005	0.6	1.5	19.1	81	0.1	0.2	1.0	674	0.53	6	10.4	<0.1	14.0	190	0.2	0.5	0.1
1045724	Drill Core	5.72	<0.005	3.5	2.0	74.4	172	0.1	0.4	0.6	1061	0.59	4	9.8	<0.1	14.9	122	0.7	0.7	0.1
1045725	Drill Core	5.35	<0.005	2.9	3.2	89.9	175	0.2	0.3	1.0	685	0.51	3	9.4	<0.1	14.4	129	0.9	0.5	0.2
1045726	Drill Core	3.12	<0.005	3.5	2.3	90.2	180	0.2	0.3	1.1	851	0.50	4	9.1	<0.1	14.9	150	1.0	0.5	0.1
1045727	Drill Core	4.80	0.005	47.2	564.8	340.0	417	16.1	2.0	9.2	1815	1.22	220	6.2	<0.1	10.0	733	3.1	48.4	4.1
1045728	Drill Core	5.09	<0.005	0.4	6.6	56.8	79	0.4	0.4	0.9	705	0.50	6	9.2	<0.1	15.6	148	0.2	1.3	0.3
1045729	Drill Core	4.30	<0.005	1.3	2.3	20.2	67	0.3	0.2	0.6	453	0.50	15	8.9	<0.1	14.8	198	0.2	1.3	0.3
1045730	Drill Core	5.24	<0.005	0.3	4.0	17.3	63	<0.1	0.8	0.5	359	0.43	10	8.3	<0.1	14.5	201	<0.1	1.2	0.1
1045731	Drill Core	5.05	<0.005	0.2	1.1	18.8	57	0.2	0.5	0.6	396	0.48	12	14.2	<0.1	15.1	180	0.1	0.9	0.5
1045732	Rock	0.65	<0.005	<0.1	1.2	<0.1	<1	<0.1	<0.1	<0.2	24	0.03	<1	1.4	<0.1	<0.1	4742	<0.1	<0.1	<0.1
1045733	Drill Core	5.04	<0.005	<0.1	0.9	10.9	54	<0.1	0.4	0.8	459	0.47	6	5.7	<0.1	13.7	111	0.3	1.0	0.2
1045734	Drill Core	4.50	<0.005	0.2	4.8	16.4	65	0.1	0.2	0.5	468	0.47	4	7.4	<0.1	19.0	231	0.3	1.3	0.2
1045735	Drill Core	4.20	<0.005	<0.1	1.0	14.9	58	<0.1	0.2	0.6	516	0.47	4	6.4	<0.1	18.5	198	0.1	0.7	0.2
1045736	Drill Core	5.24	<0.005	0.1	1.4	149.8	75	0.1	0.3	0.7	691	0.53	7	18.6	<0.1	14.8	164	0.2	0.7	0.2
1045737	Drill Core	6.30	<0.005	0.4	0.8	118.3	78	0.1	0.2	0.8	787	0.54	10	10.0	<0.1	14.5	167	0.3	0.9	0.2
1045738	Drill Core	5.60	<0.005	0.3	5.0	57.2	90	0.3	0.3	0.7	482	0.47	10	8.7	<0.1	12.8	192	0.3	1.4	0.2
1045739	Rock Pulp	0.15	0.435	150.0	3813	33.6	74	2.8	44.8	23.6	435	4.79	53	1.4	0.5	3.1	256	0.3	4.9	0.5
1045740	Drill Core	5.49	<0.005	0.3	2.9	83.1	175	<0.1	0.4	0.8	692	0.51	5	9.4	<0.1	12.9	173	0.9	0.9	0.1
1045741	Drill Core	5.90	<0.005	0.3	1.9	97.0	205	<0.1	0.4	0.8	924	0.57	5	10.6	<0.1	13.7	150	1.1	1.1	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045712	Drill Core	1.66	0.063	15.8	4	0.58	712	0.063	6.90	1.008	3.07	1.0	40.3	32	1.0	7.4	5.5	0.6	1	3
1045713	Drill Core	1.93	0.103	18.9	4	0.70	474	0.086	8.01	1.849	3.11	0.5	34.6	40	1.1	7.6	1.8	0.1	1	4
1045714	Drill Core	2.39	0.093	17.4	5	0.67	448	0.087	6.50	2.209	2.76	0.5	31.4	38	0.8	8.1	2.0	0.1	1	3
1045715	Rock Pulp	1.68	0.050	11.9	31	0.89	61	0.184	3.68	1.168	0.70	1.0	30.3	23	55.5	10.3	4.4	0.2	<1	8
1045716	Drill Core	2.07	0.100	15.5	5	0.65	101	0.075	8.61	2.225	2.80	0.4	30.7	34	1.2	8.8	1.5	0.1	1	4
1045717	Drill Core	2.18	0.097	15.2	5	0.76	123	0.078	8.90	2.040	2.95	0.5	35.9	34	1.0	8.1	1.8	0.1	1	5
1045718	Drill Core	1.99	0.099	17.6	6	0.73	118	0.076	8.78	2.638	2.78	0.4	33.4	37	1.0	8.7	1.6	0.1	1	5
1045719	Drill Core	2.20	0.092	21.4	5	0.91	292	0.066	9.88	0.797	3.31	0.9	37.5	43	1.1	8.5	2.2	0.1	2	5
1045720	Drill Core	1.75	0.017	8.2	3	0.26	481	0.052	6.68	0.066	2.22	1.8	51.5	17	1.1	7.6	13.7	1.4	2	2
1045721	Drill Core	1.99	0.017	7.1	3	0.16	232	0.040	6.01	0.055	2.17	1.4	48.8	16	0.5	7.0	13.5	1.3	3	1
1045722	Drill Core	1.72	0.018	7.6	3	0.13	282	0.042	6.20	0.052	1.99	1.4	52.2	17	0.6	7.3	14.9	1.4	2	1
1045723	Drill Core	1.99	0.012	7.4	2	0.14	268	0.040	6.24	0.049	1.84	1.2	50.6	16	0.7	7.0	13.9	1.4	2	1
1045724	Drill Core	2.18	0.013	7.9	2	0.21	300	0.040	6.63	0.061	1.85	1.0	48.2	17	0.6	7.2	13.3	1.3	2	1
1045725	Drill Core	1.72	0.014	7.6	2	0.14	305	0.040	6.29	0.047	2.16	1.2	47.0	16	0.6	7.0	13.0	1.3	2	1
1045726	Drill Core	2.00	0.016	7.6	3	0.15	404	0.042	6.38	0.050	2.25	1.3	49.5	16	0.5	7.3	13.6	1.4	2	1
1045727	Drill Core	1.94	0.048	17.9	3	0.56	953	0.059	7.51	0.352	2.25	1.7	41.0	34	0.9	7.9	7.1	0.6	2	3
1045728	Drill Core	1.79	0.016	9.0	3	0.14	234	0.041	6.56	0.075	2.08	2.1	49.6	18	0.6	7.7	13.6	1.4	2	1
1045729	Drill Core	1.43	0.014	7.6	3	0.12	160	0.041	6.38	0.055	1.99	1.6	53.4	17	0.7	7.0	14.6	1.4	3	1
1045730	Drill Core	1.21	0.016	8.2	2	0.11	162	0.044	6.10	0.056	1.83	1.5	50.8	17	0.6	7.0	14.5	1.5	2	1
1045731	Drill Core	1.23	0.014	7.7	3	0.11	141	0.042	6.33	0.067	1.85	1.4	51.8	16	0.7	7.0	14.2	1.5	2	1
1045732	Rock	33.71	0.005	1.0	2	1.94	9	<0.001	0.05	0.003	0.02	<0.1	0.5	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045733	Drill Core	1.41	0.012	7.2	3	0.10	176	0.039	5.83	0.723	2.38	1.1	47.0	15	0.5	6.7	13.3	1.4	1	1
1045734	Drill Core	1.11	0.018	10.7	3	0.13	197	0.050	7.18	1.434	2.20	1.5	63.4	23	0.9	8.5	17.2	1.7	2	2
1045735	Drill Core	1.17	0.017	10.4	3	0.11	205	0.046	6.90	1.461	2.61	1.2	56.8	22	0.7	8.4	15.3	1.5	2	2
1045736	Drill Core	1.69	0.014	8.2	2	0.13	182	0.039	6.20	0.833	2.59	1.2	50.1	17	0.6	7.6	13.5	1.4	2	1
1045737	Drill Core	1.91	0.013	7.8	3	0.14	225	0.042	6.61	0.229	2.99	1.1	50.7	17	0.6	7.3	13.7	1.4	2	2
1045738	Drill Core	1.55	0.014	6.3	3	0.12	242	0.040	5.84	0.048	2.54	1.1	49.1	14	0.6	6.3	12.8	1.4	2	1
1045739	Rock Pulp	0.40	0.128	17.0	73	1.10	398	0.340	9.64	1.670	3.29	15.6	31.6	34	2.9	11.5	3.3	0.2	1	20
1045740	Drill Core	1.68	0.016	7.9	2	0.16	178	0.039	6.34	0.053	1.58	1.1	44.1	17	0.6	6.8	12.2	1.3	2	<1
1045741	Drill Core	1.50	0.014	7.2	2	0.22	204	0.040	5.99	0.041	1.71	1.2	48.8	15	0.6	6.9	12.6	1.3	2	1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045712	Drill Core	1.3	127.6	1.8
1045713	Drill Core	1.8	102.7	1.3
1045714	Drill Core	1.5	88.1	1.2
1045715	Rock Pulp	9.3	26.1	0.9
1045716	Drill Core	2.3	98.8	1.2
1045717	Drill Core	2.3	103.9	1.3
1045718	Drill Core	2.1	104.2	1.2
1045719	Drill Core	1.9	122.3	1.5
1045720	Drill Core	<0.1	121.6	2.7
1045721	Drill Core	<0.1	103.4	2.8
1045722	Drill Core	<0.1	96.7	2.7
1045723	Drill Core	<0.1	94.7	2.8
1045724	Drill Core	<0.1	98.1	2.8
1045725	Drill Core	<0.1	110.0	2.6
1045726	Drill Core	<0.1	121.0	2.5
1045727	Drill Core	0.4	113.9	1.9
1045728	Drill Core	<0.1	113.1	2.8
1045729	Drill Core	<0.1	105.0	2.9
1045730	Drill Core	<0.1	86.5	2.9
1045731	Drill Core	<0.1	87.7	2.8
1045732	Rock	<0.1	1.1	<0.1
1045733	Drill Core	<0.1	106.0	2.7
1045734	Drill Core	<0.1	115.6	3.4
1045735	Drill Core	<0.1	130.4	3.0
1045736	Drill Core	<0.1	120.7	2.6
1045737	Drill Core	<0.1	132.2	2.9
1045738	Drill Core	<0.1	115.7	2.7
1045739	Rock Pulp	2.1	99.5	0.9
1045740	Drill Core	<0.1	82.3	2.5
1045741	Drill Core	<0.1	82.1	2.7



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000544.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045742	Drill Core	4.88	<0.005	0.3	2.3	57.3	79	<0.1	0.2	0.6	620	0.49	4	9.4	<0.1	14.2	169	0.3	1.0	0.1
1045743	Drill Core	5.48	<0.005	0.5	1.7	78.8	119	0.1	0.2	1.1	940	0.56	5	9.9	<0.1	13.9	128	0.6	1.0	0.2
1045744	Drill Core	4.34	<0.005	6.5	188.6	109.9	185	0.9	0.5	1.8	857	0.62	86	9.8	<0.1	14.5	234	1.1	7.3	0.3
1045745	Drill Core	5.90	0.060	130.8	2818	127.8	417	6.6	4.0	16.5	1071	1.39	946	2.9	<0.1	7.2	806	2.8	61.7	0.4
1045746	Drill Core	3.32	0.053	96.8	2415	106.1	361	6.2	3.4	13.9	1053	1.26	706	2.8	<0.1	6.3	866	2.3	55.6	0.5
1045747	Drill Core	6.02	0.018	69.2	1005	44.4	128	1.8	3.5	23.2	526	1.62	279	1.7	<0.1	5.1	627	1.0	10.9	0.3
1045748	Drill Core	6.69	0.018	77.4	1071	14.7	60	0.7	8.2	36.9	406	2.29	18	1.5	<0.1	4.6	997	0.2	0.6	0.1
1045749	Drill Core	6.77	0.018	50.1	1143	18.3	77	1.1	4.8	31.6	402	2.30	60	1.5	<0.1	4.3	743	0.4	2.7	0.2
1045750	Drill Core	6.44	0.026	60.6	1485	48.5	133	1.1	4.1	35.0	489	2.31	6	1.6	<0.1	5.0	655	0.6	0.9	0.5
1045751	Drill Core	4.76	0.040	141.1	1409	43.3	104	1.1	5.4	36.8	432	2.31	15	1.7	<0.1	4.7	1069	0.4	1.0	0.3
1045752	Rock	0.56	<0.005	1.0	11.2	0.1	<1	<0.1	<0.1	<0.2	29	0.03	<1	1.4	<0.1	<0.1	4708	<0.1	<0.1	<0.1
1045753	Drill Core	6.36	0.033	239.6	1142	17.5	59	0.8	3.4	24.7	329	1.52	21	2.1	<0.1	4.8	1670	0.1	0.7	0.2
1045754	Drill Core	6.18	0.027	145.4	1291	125.5	484	4.3	3.9	20.4	1253	1.71	181	1.7	<0.1	4.5	1175	2.9	16.6	0.2
1045755	Rock Pulp	0.15	0.408	142.2	3610	28.4	65	2.5	37.3	20.4	417	4.65	43	1.3	0.4	3.1	229	0.3	3.9	0.5
1045756	Drill Core	5.84	0.025	35.1	905.7	91.9	192	2.2	5.9	25.2	1555	2.02	254	1.6	<0.1	4.9	428	1.2	56.5	0.2
1045757	Drill Core	5.15	0.043	67.8	1557	215.7	1157	10.0	6.5	30.3	1510	2.23	345	1.3	<0.1	4.7	378	7.6	34.4	0.2
1045758	Drill Core	5.52	0.038	63.3	1126	1859	7408	50.6	8.1	21.9	5224	2.14	229	1.8	<0.1	5.2	522	50.5	164.1	0.4
1045759	Drill Core	6.19	0.006	7.6	56.7	246.0	623	8.0	0.9	1.4	867	0.52	17	10.3	<0.1	15.1	185	4.8	20.9	0.3
1045760	Drill Core	5.74	<0.005	7.2	9.8	103.6	260	0.8	<0.1	0.9	732	0.58	6	11.3	<0.1	15.8	103	1.6	2.2	0.5
1045761	Drill Core	5.59	<0.005	6.1	5.1	157.4	83	1.5	0.1	0.6	389	0.50	7	11.5	<0.1	15.2	179	0.3	4.1	0.9
1045762	Drill Core	5.75	<0.005	1.3	5.6	65.2	54	0.2	0.1	0.5	404	0.58	6	10.5	<0.1	16.9	192	<0.1	7.1	0.5
1045763	Drill Core	4.99	<0.005	0.4	1.3	16.3	53	<0.1	0.2	0.5	387	0.57	9	7.8	<0.1	16.3	197	<0.1	5.2	0.1
1045764	Drill Core	3.18	<0.005	0.4	1.0	14.0	52	<0.1	0.1	0.4	398	0.58	8	8.6	<0.1	16.7	208	<0.1	5.3	0.1
1045765	Drill Core	5.26	<0.005	1.6	1.0	44.2	55	0.1	0.3	0.6	504	0.66	6	9.4	<0.1	16.3	245	<0.1	6.7	0.2
1045766	Drill Core	5.82	<0.005	1.0	1.2	23.5	47	<0.1	0.3	0.6	555	0.68	5	9.2	<0.1	16.7	284	<0.1	6.6	0.1
1045767	Drill Core	3.47	<0.005	0.6	0.6	44.2	52	<0.1	<0.1	0.4	380	0.58	6	9.9	<0.1	17.6	206	<0.1	6.0	0.4
1045768	Drill Core	5.21	<0.005	2.0	1.1	63.4	56	<0.1	<0.1	0.6	819	0.82	5	15.7	<0.1	16.5	211	<0.1	5.6	0.2
1045769	Rock	0.65	<0.005	<0.1	0.6	<0.1	2	<0.1	<0.1	<0.2	36	0.02	<1	1.4	<0.1	<0.1	3843	<0.1	<0.1	<0.1
1045770	Drill Core	5.51	<0.005	1.4	2.1	97.7	64	<0.1	1.0	1.3	1600	1.45	5	9.5	<0.1	15.0	147	<0.1	7.1	0.1
1045771	Drill Core	5.17	<0.005	2.0	2.2	73.2	55	<0.1	0.9	1.0	1212	1.30	6	9.1	<0.1	14.2	212	<0.1	10.0	0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000544.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045742	Drill Core	1.24	0.016	7.0	2	0.18	160	0.041	6.28	0.043	2.15	1.7	49.2	15	0.6	6.7	13.9	1.4	2	1
1045743	Drill Core	1.71	0.013	6.9	2	0.20	185	0.041	6.45	0.045	1.85	1.3	48.4	15	0.6	6.9	13.1	1.3	2	1
1045744	Drill Core	1.63	0.018	8.2	2	0.21	231	0.045	6.49	0.051	2.02	1.5	48.7	17	0.6	7.1	13.5	1.4	2	2
1045745	Drill Core	2.11	0.081	26.3	4	0.66	858	0.084	7.96	0.792	3.25	1.0	32.8	51	1.0	7.9	3.8	0.3	2	4
1045746	Drill Core	1.89	0.067	24.8	2	0.63	758	0.074	7.60	0.539	3.26	0.8	28.0	46	1.0	7.5	3.2	0.3	2	4
1045747	Drill Core	2.19	0.082	20.2	2	0.61	430	0.074	7.40	2.184	2.39	0.6	27.0	39	0.6	7.2	2.2	0.2	2	4
1045748	Drill Core	2.43	0.125	18.1	7	0.79	359	0.113	8.55	2.850	1.71	0.6	38.1	39	0.6	9.8	1.6	0.1	1	6
1045749	Drill Core	2.36	0.104	23.0	6	0.69	267	0.100	6.95	2.693	1.98	0.6	34.0	46	0.7	8.2	1.7	<0.1	1	4
1045750	Drill Core	2.08	0.088	21.1	5	0.60	347	0.085	7.27	2.560	2.23	0.6	28.8	42	1.1	8.4	1.7	0.1	2	4
1045751	Drill Core	1.95	0.091	21.9	2	0.57	151	0.053	7.01	2.470	2.35	0.3	28.5	45	0.7	8.7	1.1	0.1	<1	3
1045752	Rock	34.31	0.004	0.7	<1	1.97	8	<0.001	0.05	0.013	0.01	<0.1	<0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045753	Drill Core	2.22	0.079	24.4	3	0.61	304	0.059	7.18	2.730	2.27	0.4	31.3	50	0.9	8.4	1.4	0.1	<1	4
1045754	Drill Core	2.62	0.080	18.8	4	0.57	285	0.080	6.69	1.477	2.62	0.6	29.8	36	0.7	8.0	1.7	0.1	1	3
1045755	Rock Pulp	0.44	0.108	17.9	63	1.04	389	0.285	7.30	1.492	6.24	13.1	26.3	34	2.6	11.6	2.7	0.2	1	16
1045756	Drill Core	1.87	0.076	12.8	1	0.67	335	0.091	7.43	0.607	3.11	0.9	33.1	26	0.6	7.2	1.7	0.1	1	3
1045757	Drill Core	2.62	0.081	14.4	4	0.65	393	0.081	6.82	1.163	2.60	0.6	29.1	28	0.6	7.3	1.6	0.1	1	3
1045758	Drill Core	3.08	0.073	24.5	8	0.94	508	0.075	7.47	0.126	3.52	1.8	34.4	45	0.8	9.4	2.4	0.1	1	4
1045759	Drill Core	1.54	0.018	8.6	2	0.23	570	0.055	6.46	0.067	3.37	3.1	54.8	18	1.1	7.7	13.9	1.3	2	2
1045760	Drill Core	1.29	0.015	8.6	1	0.27	311	0.039	6.05	0.061	3.25	1.8	46.0	18	0.7	7.3	12.3	1.3	2	1
1045761	Drill Core	1.12	0.015	8.3	1	0.17	162	0.037	6.15	0.046	3.19	1.4	45.8	18	0.8	7.0	12.6	1.3	1	1
1045762	Drill Core	0.42	0.022	10.3	1	0.25	89	0.039	5.75	0.047	3.14	1.3	45.2	19	0.7	7.3	12.6	1.3	2	1
1045763	Drill Core	0.40	0.023	10.2	1	0.24	136	0.039	5.68	0.034	2.96	1.2	43.5	19	0.6	6.6	12.6	1.3	2	<1
1045764	Drill Core	0.43	0.023	10.2	1	0.25	139	0.040	5.79	0.034	3.12	1.2	45.9	20	0.7	7.1	12.9	1.4	2	1
1045765	Drill Core	0.60	0.029	10.3	1	0.30	49	0.036	5.88	0.033	2.82	1.3	42.7	20	0.6	6.7	11.2	1.3	1	1
1045766	Drill Core	0.69	0.029	11.0	<1	0.34	208	0.037	6.15	0.034	2.71	1.4	44.3	21	0.6	7.2	11.8	1.4	1	1
1045767	Drill Core	0.48	0.022	10.3	2	0.29	173	0.038	5.81	0.034	2.85	1.0	46.4	20	0.6	6.7	11.9	1.3	2	1
1045768	Drill Core	1.15	0.022	10.5	2	0.49	556	0.037	6.25	0.043	2.94	1.0	43.0	20	0.6	7.3	11.3	1.3	2	<1
1045769	Rock	34.30	0.004	0.5	<1	1.75	11	<0.001	0.06	0.002	0.02	<0.1	0.2	<1	<0.1	0.3	0.2	<0.1	<1	<1
1045770	Drill Core	2.51	0.020	9.4	3	0.85	637	0.031	5.54	0.040	2.59	1.0	38.7	18	0.6	6.7	10.0	1.1	<1	<1
1045771	Drill Core	1.85	0.022	8.7	3	0.64	466	0.033	5.41	0.042	2.33	1.0	35.8	17	0.5	6.4	9.6	1.0	<1	<1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000544.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045742	Drill Core	<0.1	99.6	2.8
1045743	Drill Core	<0.1	88.9	2.5
1045744	Drill Core	<0.1	97.2	2.5
1045745	Drill Core	0.9	134.7	1.3
1045746	Drill Core	0.8	117.6	1.1
1045747	Drill Core	1.2	85.1	1.0
1045748	Drill Core	1.6	56.9	1.2
1045749	Drill Core	1.7	59.4	1.1
1045750	Drill Core	1.7	72.2	1.0
1045751	Drill Core	2.3	73.5	1.0
1045752	Rock	<0.1	0.2	<0.1
1045753	Drill Core	1.5	68.3	1.1
1045754	Drill Core	1.4	90.6	1.1
1045755	Rock Pulp	2.0	153.8	0.8
1045756	Drill Core	1.5	127.6	1.0
1045757	Drill Core	1.7	100.6	0.9
1045758	Drill Core	1.4	162.0	1.1
1045759	Drill Core	<0.1	149.2	2.7
1045760	Drill Core	<0.1	144.1	2.6
1045761	Drill Core	<0.1	136.9	2.7
1045762	Drill Core	<0.1	138.0	2.7
1045763	Drill Core	<0.1	130.7	2.5
1045764	Drill Core	<0.1	138.2	2.6
1045765	Drill Core	<0.1	126.5	2.4
1045766	Drill Core	<0.1	117.9	2.3
1045767	Drill Core	<0.1	136.3	2.6
1045768	Drill Core	<0.1	138.1	2.4
1045769	Rock	<0.1	0.9	<0.1
1045770	Drill Core	<0.1	129.6	2.0
1045771	Drill Core	<0.1	111.7	2.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045772	Drill Core	6.17	<0.005	1.0	4.0	52.2	65	<0.1	0.8	1.2	1743	1.62	6	9.4	<0.1	14.2	91	<0.1	6.7	<0.1
1045773	Drill Core	4.92	<0.005	0.5	2.7	86.5	79	<0.1	0.9	0.9	1198	1.09	6	10.7	<0.1	15.7	82	0.1	6.7	<0.1
1045774	Drill Core	6.10	0.007	0.9	8.9	33.8	79	<0.1	5.5	4.9	2012	2.24	13	6.8	<0.1	9.2	566	0.3	13.3	0.2
1045775	Rock Pulp	0.16	0.420	140.5	3643	28.1	67	2.4	37.9	20.8	428	4.58	41	1.3	0.5	3.0	227	0.3	3.8	0.4
1045776	Drill Core	6.40	<0.005	0.7	7.6	14.0	68	<0.1	4.3	3.4	1143	1.55	10	9.2	<0.1	13.2	551	0.3	11.8	0.1
1045777	Drill Core	5.48	<0.005	0.5	4.1	15.7	43	<0.1	0.4	0.7	461	0.71	5	10.9	<0.1	16.9	209	<0.1	5.0	0.1
1045778	Drill Core	5.43	<0.005	1.0	2.9	36.4	44	<0.1	0.7	0.6	283	0.55	5	10.1	<0.1	15.1	161	<0.1	5.1	0.1
1045779	Drill Core	5.94	<0.005	1.3	1.4	237.5	419	0.1	0.3	0.6	568	0.61	2	11.1	<0.1	16.7	118	3.0	3.4	0.1
1045780	Drill Core	4.52	<0.005	0.6	1.4	109.2	405	<0.1	0.5	0.5	367	0.56	4	11.2	<0.1	17.5	130	2.8	2.6	0.1
1045781	Drill Core	4.44	<0.005	0.7	0.4	34.4	62	<0.1	0.2	0.6	459	0.55	4	11.3	<0.1	17.7	146	0.2	2.6	0.2
1045782	Drill Core	5.12	<0.005	0.6	0.4	57.3	120	<0.1	<0.1	0.5	394	0.48	16	10.0	<0.1	16.1	150	0.5	2.3	0.1
1045783	Drill Core	5.07	<0.005	0.6	0.5	21.4	57	<0.1	<0.1	0.5	432	0.58	5	9.3	<0.1	16.7	127	<0.1	2.9	0.2
1045784	Drill Core	4.37	<0.005	0.7	0.5	69.6	85	0.2	0.3	0.6	528	0.70	5	10.8	<0.1	18.0	170	0.2	3.2	0.5
1045785	Drill Core	5.28	<0.005	0.7	1.0	120.4	176	0.3	0.4	0.6	446	0.52	6	9.3	<0.1	15.3	115	0.7	1.8	0.6
1045786	Drill Core	3.18	<0.005	0.6	0.4	93.5	220	0.2	0.3	0.6	443	0.51	5	8.0	<0.1	14.2	105	1.1	1.7	0.4
1045787	Drill Core	5.47	<0.005	1.5	0.3	107.0	300	0.1	0.5	0.6	819	0.54	3	9.4	<0.1	15.3	121	1.5	1.1	0.2
1045788	Drill Core	6.24	0.014	0.2	3.3	155.1	416	0.3	1.0	0.6	1394	0.62	4	9.5	<0.1	14.7	91	2.5	3.2	0.4
1045789	Drill Core	6.22	0.041	80.1	2125	51.0	88	3.1	60.8	29.2	1106	2.37	164	1.3	<0.1	4.9	343	0.2	12.8	0.5
1045790	Rock	0.65	<0.005	0.3	4.4	0.9	3	<0.1	<0.1	<0.2	38	0.04	<1	1.7	<0.1	0.3	5150	<0.1	0.1	<0.1
1045791	Drill Core	6.12	0.035	156.0	2033	73.1	117	5.1	53.4	28.6	1371	2.27	149	1.3	<0.1	4.9	267	0.5	55.3	0.5
1045792	Drill Core	6.64	0.053	254.9	2548	42.4	102	2.6	47.8	25.2	495	2.05	168	1.6	<0.1	6.0	239	<0.1	54.8	0.4
1045793	Drill Core	6.48	0.041	115.2	2236	35.6	48	1.6	43.9	17.3	447	1.87	53	1.5	<0.1	5.5	260	<0.1	6.7	0.3
1045794	Drill Core	6.52	0.020	115.9	1062	19.7	38	0.6	52.7	14.4	306	1.44	22	1.1	<0.1	5.6	1949	<0.1	1.3	0.2
1045795	Drill Core	5.74	0.061	172.9	2140	43.9	212	1.7	66.6	19.9	670	1.90	104	1.7	0.1	6.3	496	1.3	9.3	0.2
1045796	Rock Pulp	0.15	0.922	159.0	3539	54.3	127	3.0	26.5	20.4	506	5.01	63	1.3	1.4	2.9	215	1.0	7.2	0.6
1045797	Drill Core	5.93	0.038	1045	1761	19.8	74	0.9	49.8	12.3	731	1.69	215	2.2	<0.1	6.8	365	0.1	28.4	0.2
1045798	Drill Core	6.12	0.070	86.1	1771	17.0	84	1.0	48.2	16.9	780	1.64	374	1.9	<0.1	6.4	365	0.3	76.3	0.1
1045799	Drill Core	6.19	0.063	200.6	1886	21.0	92	1.4	54.9	22.8	736	1.92	225	1.2	<0.1	5.1	423	<0.1	65.8	0.2
1045800	Drill Core	6.22	0.062	196.2	2551	89.6	260	5.6	46.9	26.6	2900	2.20	314	1.4	<0.1	5.2	231	1.3	73.1	0.3
1045801	Drill Core	5.89	0.067	466.6	2377	34.0	65	1.7	89.3	22.9	884	1.97	94	1.1	<0.1	6.0	261	0.1	22.0	0.2



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045772	Drill Core	2.40	0.013	9.2	4	0.83	650	0.032	5.41	0.046	2.65	1.1	37.3	17	0.5	6.4	10.1	1.1	2	<1
1045773	Drill Core	1.38	0.016	9.3	3	0.52	282	0.036	5.96	0.051	3.04	1.1	41.6	18	0.6	6.6	11.6	1.2	2	1
1045774	Drill Core	3.20	0.052	13.8	8	1.09	1990	0.173	5.89	0.046	2.78	1.6	59.4	27	0.5	8.2	8.3	0.7	1	4
1045775	Rock Pulp	0.40	0.111	17.2	58	1.02	449	0.286	6.91	1.502	4.71	12.7	25.2	32	2.2	11.0	2.7	0.2	1	15
1045776	Drill Core	2.11	0.055	14.3	6	0.72	294	0.134	6.31	0.048	2.92	1.9	56.9	27	0.7	8.5	10.4	1.0	2	3
1045777	Drill Core	0.61	0.023	10.5	2	0.33	264	0.039	5.84	0.041	3.09	1.2	46.8	20	0.6	7.2	12.6	1.3	1	1
1045778	Drill Core	0.35	0.019	10.1	2	0.23	230	0.047	5.46	0.035	3.04	1.9	42.2	19	0.6	6.3	11.2	1.2	2	1
1045779	Drill Core	0.50	0.017	10.4	3	0.27	339	0.037	5.64	0.046	3.22	1.2	45.2	21	0.7	6.7	12.7	1.3	2	<1
1045780	Drill Core	0.35	0.017	10.3	4	0.20	369	0.039	5.78	0.042	3.32	0.9	46.1	19	0.6	6.5	13.1	1.3	1	1
1045781	Drill Core	0.59	0.017	11.1	3	0.19	255	0.040	6.26	0.036	3.22	1.1	48.3	22	0.7	7.4	13.4	1.4	2	1
1045782	Drill Core	0.95	0.015	8.8	3	0.14	206	0.040	6.36	0.038	3.31	1.3	49.7	18	0.7	7.1	13.9	1.5	2	1
1045783	Drill Core	0.72	0.018	10.0	3	0.21	172	0.038	6.03	0.053	3.25	1.0	43.9	20	0.6	6.8	12.5	1.3	2	1
1045784	Drill Core	0.77	0.019	11.4	2	0.26	336	0.036	6.29	0.043	3.21	1.4	46.4	22	0.7	8.0	12.5	1.2	2	1
1045785	Drill Core	0.88	0.012	9.9	2	0.14	255	0.042	5.88	0.057	3.23	1.2	49.6	18	0.7	7.3	14.7	1.4	1	1
1045786	Drill Core	0.96	0.013	7.5	2	0.14	242	0.043	6.10	0.062	3.38	1.4	48.6	16	0.7	6.6	13.6	1.3	2	1
1045787	Drill Core	1.52	0.014	8.4	2	0.14	293	0.043	6.35	0.054	3.31	1.2	50.8	18	0.6	7.5	14.8	1.4	1	1
1045788	Drill Core	1.30	0.014	8.4	2	0.31	607	0.044	6.28	0.062	3.38	1.0	49.6	18	0.5	7.2	13.5	1.3	1	1
1045789	Drill Core	2.16	0.056	13.0	67	1.01	455	0.146	6.52	1.363	2.53	0.6	31.9	29	0.8	8.4	1.6	<0.1	2	9
1045790	Rock	36.46	0.003	0.5	<1	1.70	8	<0.001	0.11	0.007	0.06	<0.1	1.4	<1	0.1	0.4	0.3	<0.1	<1	<1
1045791	Drill Core	2.27	0.049	13.2	75	1.01	175	0.155	6.13	1.011	2.46	1.1	27.0	29	0.8	7.3	1.4	<0.1	1	9
1045792	Drill Core	1.96	0.047	18.2	78	0.95	113	0.181	6.09	1.082	1.55	2.0	32.2	39	0.8	6.8	1.8	0.1	2	11
1045793	Drill Core	2.03	0.060	13.2	77	0.97	289	0.174	6.64	2.265	1.74	1.0	33.7	28	0.9	8.3	1.4	<0.1	2	10
1045794	Drill Core	1.84	0.055	14.6	77	1.09	845	0.175	7.10	2.908	2.34	0.5	28.9	32	0.7	8.5	1.6	0.1	1	12
1045795	Drill Core	2.23	0.062	20.6	78	1.21	823	0.189	7.57	1.953	2.48	0.9	36.2	43	0.9	8.9	1.7	0.1	2	13
1045796	Rock Pulp	0.42	0.107	15.7	47	0.85	558	0.257	7.39	1.170	4.91	24.7	23.6	29	3.2	10.9	3.4	0.2	<1	13
1045797	Drill Core	2.57	0.078	79.4	73	1.18	569	0.173	7.37	1.105	2.06	1.8	31.7	131	0.9	11.1	1.7	0.1	2	13
1045798	Drill Core	2.02	0.053	21.8	63	1.03	529	0.147	7.76	0.100	1.83	1.2	32.7	41	0.8	10.8	1.5	0.1	2	12
1045799	Drill Core	1.81	0.060	26.6	68	0.89	509	0.116	6.96	0.113	2.81	0.6	39.2	50	0.5	7.4	1.3	<0.1	2	9
1045800	Drill Core	1.79	0.057	30.8	74	0.73	275	0.108	6.79	0.386	2.95	0.8	21.9	55	0.5	7.0	1.0	<0.1	1	7
1045801	Drill Core	1.94	0.050	13.5	81	0.88	358	0.105	7.15	1.230	2.36	0.5	22.8	28	0.6	6.1	0.7	<0.1	1	10



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045772	Drill Core	<0.1	132.7	2.0
1045773	Drill Core	<0.1	152.2	2.3
1045774	Drill Core	0.1	131.1	2.2
1045775	Rock Pulp	2.0	118.7	0.7
1045776	Drill Core	<0.1	142.8	2.4
1045777	Drill Core	<0.1	146.3	2.6
1045778	Drill Core	<0.1	138.6	2.3
1045779	Drill Core	<0.1	162.5	2.4
1045780	Drill Core	<0.1	162.5	2.5
1045781	Drill Core	<0.1	155.0	2.6
1045782	Drill Core	<0.1	145.0	2.7
1045783	Drill Core	<0.1	150.4	2.5
1045784	Drill Core	<0.1	157.2	2.5
1045785	Drill Core	<0.1	151.4	2.7
1045786	Drill Core	<0.1	142.8	2.7
1045787	Drill Core	<0.1	166.1	2.7
1045788	Drill Core	<0.1	183.9	2.7
1045789	Drill Core	1.3	106.1	0.9
1045790	Rock	<0.1	2.8	<0.1
1045791	Drill Core	1.2	104.8	0.8
1045792	Drill Core	1.1	62.5	1.0
1045793	Drill Core	0.9	70.8	1.0
1045794	Drill Core	0.6	79.5	0.8
1045795	Drill Core	1.0	89.6	1.0
1045796	Rock Pulp	2.5	65.1	0.6
1045797	Drill Core	0.7	77.6	0.8
1045798	Drill Core	0.7	100.7	1.0
1045799	Drill Core	1.0	100.8	0.9
1045800	Drill Core	1.2	125.9	0.7
1045801	Drill Core	1.0	96.6	0.6



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045802	Drill Core	6.85	0.051	174.2	2273	11.6	43	1.4	58.9	28.6	504	2.40	19	1.0	<0.1	4.5	216	<0.1	4.1	0.3



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CERTIFICATE OF ANALYSIS

SMI11000544.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045802	Drill Core	1.75	0.059	8.1	79	0.73	128	0.101	5.61	2.035	1.65	0.7	20.4	18	0.6	6.2	1.0	<0.1	1	5



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000544.2

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1045802	Drill Core	1.4	73.0	0.6



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QUALITY CONTROL REPORT

SMI11000544.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045688	Drill Core	2.87	0.020	172.0	1101	17.3	60	0.9	58.6	22.4	710	2.92	135	1.3	<0.1	6.9	307	0.2	12.5	0.4	120
REP 1045688	QC			176.4	1077	16.8	55	0.9	56.9	21.4	687	2.81	132	1.3	<0.1	6.5	297	0.3	12.5	0.4	116
1045716	Drill Core	5.61	0.020	24.5	766.2	35.2	123	1.0	4.1	29.1	390	2.81	86	1.5	<0.1	4.4	550	0.7	6.5	0.3	40
REP 1045716	QC		0.022																		
1045724	Drill Core	5.72	<0.005	3.5	2.0	74.4	172	0.1	0.4	0.6	1061	0.59	4	9.8	<0.1	14.9	122	0.7	0.7	0.1	4
REP 1045724	QC			3.8	0.7	70.8	185	0.1	0.4	0.9	1054	0.61	3	9.8	<0.1	15.2	124	0.8	0.7	0.2	4
1045746	Drill Core	3.32	0.053	96.8	2415	106.1	361	6.2	3.4	13.9	1053	1.26	706	2.8	<0.1	6.3	866	2.3	55.6	0.5	34
REP 1045746	QC		0.053																		
1045747	Drill Core	6.02	0.018	69.2	1005	44.4	128	1.8	3.5	23.2	526	1.62	279	1.7	<0.1	5.1	627	1.0	10.9	0.3	35
REP 1045747	QC			68.6	993.2	44.7	129	1.9	3.0	24.1	520	1.62	275	1.6	<0.1	5.1	601	0.9	10.4	0.2	35
1045766	Drill Core	5.82	<0.005	1.0	1.2	23.5	47	<0.1	0.3	0.6	555	0.68	5	9.2	<0.1	16.7	284	<0.1	6.6	0.1	4
REP 1045766	QC			1.0	1.0	27.1	47	<0.1	0.3	0.4	554	0.67	5	9.1	<0.1	16.4	277	<0.1	6.5	0.1	4
1045785	Drill Core	5.28	<0.005	0.7	1.0	120.4	176	0.3	0.4	0.6	446	0.52	6	9.3	<0.1	15.3	115	0.7	1.8	0.6	3
REP 1045785	QC			0.7	0.5	114.6	178	0.3	0.4	0.6	452	0.55	6	8.8	<0.1	14.8	116	0.8	1.8	0.6	3
Core Reject Duplicates																					
1045690	Drill Core	5.86	0.028	89.1	1346	22.3	60	1.2	71.0	29.5	373	2.89	182	1.6	<0.1	7.0	553	0.4	1.8	0.6	122
DUP 1045690	QC		0.033	84.5	1261	19.2	49	1.1	68.0	26.5	362	2.76	165	1.5	<0.1	6.8	527	0.2	1.5	0.6	118
1045725	Drill Core	5.35	<0.005	2.9	3.2	89.9	175	0.2	0.3	1.0	685	0.51	3	9.4	<0.1	14.4	129	0.9	0.5	0.2	4
DUP 1045725	QC		<0.005	3.3	4.5	97.7	183	0.2	0.4	0.7	697	0.52	4	9.4	<0.1	14.9	138	0.9	0.6	0.2	4
1045760	Drill Core	5.74	<0.005	7.2	9.8	103.6	260	0.8	<0.1	0.9	732	0.58	6	11.3	<0.1	15.8	103	1.6	2.2	0.5	4
DUP 1045760	QC		<0.005	7.3	8.6	97.4	263	0.8	<0.1	0.9	746	0.57	5	11.2	<0.1	15.3	107	1.4	2.1	0.5	5
1045795	Drill Core	5.74	0.061	172.9	2140	43.9	212	1.7	66.6	19.9	670	1.90	104	1.7	0.1	6.3	496	1.3	9.3	0.2	113
DUP 1045795	QC		0.057	175.3	2089	45.7	208	1.7	69.4	19.6	667	1.84	97	1.5	<0.1	6.1	489	1.7	9.3	0.2	112
Reference Materials																					
STD OREAS24P	Standard			1.5	51.0	2.9	112	0.2	144.2	46.0	1081	7.33	<1	0.7	<0.1	2.9	359	0.2	<0.1	0.1	160
STD OREAS24P	Standard			1.5	50.4	2.2	110	<0.1	138.3	44.1	1091	7.55	1	0.6	<0.1	2.9	360	0.1	<0.1	<0.1	164
STD OREAS24P	Standard			1.3	45.0	2.8	107	<0.1	137.7	44.8	1041	7.28	2	0.6	<0.1	2.8	378	<0.1	<0.1	<0.1	171
STD OREAS24P	Standard			1.6	51.1	3.6	126	0.1	145.1	47.1	1090	7.59	1	0.8	<0.1	3.3	351	<0.1	<0.1	<0.1	174



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QUALITY CONTROL REPORT

SMI11000544.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1045688	Drill Core	1.73	0.080	21.7	77	1.21	612	0.135	7.61	0.223	3.37	1.2	37.7	45	1.3	8.5	1.8	0.1	1	15	23.6
REP 1045688	QC	1.62	0.077	20.7	71	1.15	644	0.120	7.08	0.208	3.24	1.0	33.9	43	1.4	7.9	1.6	0.1	1	13	21.5
1045716	Drill Core	2.07	0.100	15.5	5	0.65	101	0.075	8.61	2.225	2.80	0.4	30.7	34	1.2	8.8	1.5	0.1	1	4	15.5
REP 1045716	QC																				
1045724	Drill Core	2.18	0.013	7.9	2	0.21	300	0.040	6.63	0.061	1.85	1.0	48.2	17	0.6	7.2	13.3	1.3	2	1	9.3
REP 1045724	QC	2.18	0.014	8.2	<1	0.23	306	0.039	6.58	0.063	1.78	1.0	48.9	17	0.7	7.5	13.4	1.4	2	2	9.7
1045746	Drill Core	1.89	0.067	24.8	2	0.63	758	0.074	7.60	0.539	3.26	0.8	28.0	46	1.0	7.5	3.2	0.3	2	4	61.3
REP 1045746	QC																				
1045747	Drill Core	2.19	0.082	20.2	2	0.61	430	0.074	7.40	2.184	2.39	0.6	27.0	39	0.6	7.2	2.2	0.2	2	4	25.5
REP 1045747	QC	2.16	0.082	19.7	2	0.60	440	0.077	7.46	2.199	2.39	0.6	27.2	39	0.6	7.2	2.2	0.2	1	4	26.0
1045766	Drill Core	0.69	0.029	11.0	<1	0.34	208	0.037	6.15	0.034	2.71	1.4	44.3	21	0.6	7.2	11.8	1.4	1	1	64.3
REP 1045766	QC	0.67	0.030	10.6	2	0.33	198	0.036	5.98	0.032	2.71	1.4	42.9	20	0.6	7.0	11.4	1.2	1	1	63.1
1045785	Drill Core	0.88	0.012	9.9	2	0.14	255	0.042	5.88	0.057	3.23	1.2	49.6	18	0.7	7.3	14.7	1.4	1	1	15.7
REP 1045785	QC	0.91	0.013	8.3	2	0.14	251	0.044	5.97	0.062	3.29	1.5	51.0	17	0.7	7.1	14.2	1.4	2	1	16.2
Core Reject Duplicates																					
1045690	Drill Core	1.59	0.088	21.0	80	1.23	299	0.113	8.40	0.425	3.68	0.9	40.5	45	1.2	8.2	1.6	<0.1	2	16	40.1
DUP 1045690	QC	1.48	0.087	21.2	76	1.19	258	0.113	8.00	0.407	3.50	1.0	38.6	45	1.1	8.2	1.5	0.1	2	15	38.3
1045725	Drill Core	1.72	0.014	7.6	2	0.14	305	0.040	6.29	0.047	2.16	1.2	47.0	16	0.6	7.0	13.0	1.3	2	1	10.7
DUP 1045725	QC	1.70	0.014	7.4	2	0.15	329	0.041	6.21	0.048	2.07	1.3	48.9	15	0.6	7.0	13.4	1.4	3	1	10.6
1045760	Drill Core	1.29	0.015	8.6	1	0.27	311	0.039	6.05	0.061	3.25	1.8	46.0	18	0.7	7.3	12.3	1.3	2	1	13.3
DUP 1045760	QC	1.31	0.015	8.9	1	0.27	313	0.038	6.21	0.057	3.28	1.9	47.4	18	0.7	7.6	12.6	1.3	2	1	12.1
1045795	Drill Core	2.23	0.062	20.6	78	1.21	823	0.189	7.57	1.953	2.48	0.9	36.2	43	0.9	8.9	1.7	0.1	2	13	143.1
DUP 1045795	QC	2.18	0.063	19.4	81	1.17	811	0.187	7.42	1.856	2.45	0.9	35.7	40	1.0	8.5	1.7	0.1	2	13	137.4
Reference Materials																					
STD OREAS24P	Standard	5.53	0.137	18.9	211	4.03	279	1.022	7.49	2.507	0.64	0.5	134.8	37	1.6	20.6	18.9	1.1	1	19	7.8
STD OREAS24P	Standard	5.43	0.134	17.3	187	4.17	265	1.005	7.27	2.406	0.67	0.3	125.0	36	1.7	19.9	17.8	1.1	<1	19	7.2
STD OREAS24P	Standard	5.58	0.137	17.8	185	4.10	270	1.085	7.73	2.584	0.65	0.4	128.6	36	1.6	20.0	18.6	1.0	<1	20	7.3
STD OREAS24P	Standard	5.74	0.137	20.0	198	4.26	281	1.075	7.89	2.540	0.67	0.4	138.5	36	1.6	21.4	19.6	1.2	1	20	7.5



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QUALITY CONTROL REPORT

SMI11000544.2

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045688	Drill Core	1.8	106.3	1.1
REP 1045688	QC	1.7	101.1	0.9
1045716	Drill Core	2.3	98.8	1.2
REP 1045716	QC			
1045724	Drill Core	<0.1	98.1	2.8
REP 1045724	QC	<0.1	95.2	2.6
1045746	Drill Core	0.8	117.6	1.1
REP 1045746	QC			
1045747	Drill Core	1.2	85.1	1.0
REP 1045747	QC	1.2	86.5	1.1
1045766	Drill Core	<0.1	117.9	2.3
REP 1045766	QC	<0.1	118.8	2.5
1045785	Drill Core	<0.1	151.4	2.7
REP 1045785	QC	<0.1	150.7	2.8
Core Reject Duplicates				
1045690	Drill Core	1.9	110.6	1.2
DUP 1045690	QC	1.8	104.0	1.1
1045725	Drill Core	<0.1	110.0	2.6
DUP 1045725	QC	<0.1	115.7	2.7
1045760	Drill Core	<0.1	144.1	2.6
DUP 1045760	QC	<0.1	146.0	2.7
1045795	Drill Core	1.0	89.6	1.0
DUP 1045795	QC	0.9	84.2	1.0
Reference Materials				
STD OREAS24P	Standard	<0.1	21.5	3.5
STD OREAS24P	Standard	<0.1	23.2	3.4
STD OREAS24P	Standard	<0.1	24.1	3.4
STD OREAS24P	Standard	<0.1	22.5	3.3



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.3	54.5	3.3	116	<0.1	145.2	47.3	1054	7.53	3	0.7	<0.1	2.9	380	<0.1	0.1	0.1
STD OREAS24P	Standard			1.4	53.5	2.8	111	<0.1	143.7	45.9	1129	7.22	<1	0.7	<0.1	2.8	388	<0.1	0.2	<0.1
STD OREAS45C	Standard			2.5	610.9	24.7	74	0.3	336.5	101.0	1154	17.83	12	2.3	<0.1	11.1	37	0.2	0.7	0.3
STD OREAS45C	Standard			2.4	644.4	25.3	82	0.4	354.1	105.6	1175	18.47	14	2.4	<0.1	11.0	33	0.3	1.1	0.3
STD OREAS45C	Standard			2.3	627.2	26.2	80	0.3	345.4	103.8	1116	18.62	12	2.3	<0.1	11.3	44	0.2	0.8	0.3
STD OREAS45C	Standard			2.1	647.3	26.6	86	0.4	351.3	110.2	1164	19.09	13	2.7	<0.1	12.0	36	0.3	0.7	0.2
STD OREAS45C	Standard			2.5	615.6	25.2	78	0.4	330.1	99.0	1125	17.38	12	2.3	<0.1	10.6	32	<0.1	0.7	0.3
STD OREAS45C	Standard			2.2	605.8	23.9	75	0.3	317.3	97.8	1148	17.25	11	2.2	<0.1	10.2	39	0.2	0.7	0.2
STD OXH82	Standard		1.262																	
STD OXH82	Standard		1.300																	
STD OXH82	Standard		1.295																	
STD OXH82	Standard		1.266																	
STD OXH82	Standard		1.292																	
STD OXH82	Standard		1.348																	
STD OXH82	Standard		1.364																	
STD OXK79	Standard		3.576																	
STD OXK79	Standard		3.453																	
STD OXK79	Standard		3.677																	
STD OXK79	Standard		3.613																	
STD OXK79	Standard		3.715																	
STD OXK79	Standard		3.670																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	6.07	0.129	18.3	198	4.16	270	1.068	7.77	2.447	0.66	0.4	136.5	37	1.7	22.4	19.6	1.1	1	20	7.8
STD OREAS24P	Standard	5.90	0.139	18.1	200	4.06	279	1.086	7.71	2.389	0.67	0.4	127.1	36	1.6	21.2	18.5	1.1	<1	20	7.5
STD OREAS45C	Standard	0.48	0.051	26.1	914	0.25	279	1.119	7.18	0.101	0.36	1.0	161.7	51	3.0	11.9	21.0	1.4	<1	59	15.4
STD OREAS45C	Standard	0.50	0.056	25.1	936	0.27	295	1.183	7.23	0.112	0.37	1.2	171.5	50	3.0	12.0	23.0	1.4	<1	59	15.6
STD OREAS45C	Standard	0.46	0.055	26.4	928	0.28	300	1.229	7.35	0.108	0.34	1.1	169.2	53	3.2	12.8	23.1	1.5	1	62	15.9
STD OREAS45C	Standard	0.48	0.051	27.8	1001	0.30	283	1.203	7.44	0.111	0.37	1.1	172.9	51	3.4	13.2	24.6	1.5	1	58	17.3
STD OREAS45C	Standard	0.48	0.051	24.7	888	0.26	265	1.138	7.18	0.103	0.35	1.0	162.5	50	2.7	11.8	22.2	1.4	<1	58	16.4
STD OREAS45C	Standard	0.46	0.053	26.1	898	0.27	283	1.190	7.22	0.097	0.35	1.0	158.2	51	2.9	12.4	22.0	1.4	<1	59	16.0
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Project: Poplar Drilling

Report Date: January 17, 2012

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000544.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	23.2	3.5
STD OREAS24P	Standard	<0.1	20.9	3.3
STD OREAS45C	Standard	<0.1	22.6	4.4
STD OREAS45C	Standard	<0.1	24.3	4.9
STD OREAS45C	Standard	<0.1	26.8	4.6
STD OREAS45C	Standard	<0.1	25.2	4.4
STD OREAS45C	Standard	<0.1	23.8	4.5
STD OREAS45C	Standard	<0.1	23.8	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000544.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.27	0.077	26.2	5	0.60	1000	0.246	6.63	2.736	3.18	0.2	12.5	52	1.8	12.7	23.4	1.3	3	5	36.4
G1	Prep Blank	2.28	0.079	27.9	8	0.56	920	0.267	6.41	2.818	2.96	0.2	12.9	59	1.7	13.9	25.3	1.4	3	5	34.6



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Project: Poplar Drilling

Report Date: January 17, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000544.2

		1EX S %	1EX Rb ppm	1EX Hf ppm
		0.1	0.1	0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	129.9	0.7
G1	Prep Blank	<0.1	126.0	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 05, 2011
Report Date: January 17, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000545.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_9&10
P.O. Number
Number of Samples: 119

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	113	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	119	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	119	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045803	Drill Core	3.08	0.051	152.7	2439	12.7	45	1.5	67.7	32.1	491	2.50	19	1.2	<0.1	5.2	206	<0.1	3.5	0.4
1045804	Drill Core	6.00	0.037	63.5	1898	43.0	108	1.0	63.4	31.4	628	2.57	217	1.4	<0.1	5.5	226	0.4	61.6	0.3
1045805	Drill Core	6.30	0.079	331.2	2344	13.1	46	0.9	56.7	19.4	307	2.34	138	1.5	<0.1	7.1	1222	<0.1	4.9	0.2
1045806	Drill Core	6.27	0.055	71.9	1376	7.6	36	0.5	62.4	25.3	233	2.72	13	2.1	<0.1	6.9	1224	<0.1	1.2	0.2
1045807	Drill Core	6.40	0.011	87.0	655.6	7.0	32	0.2	39.5	13.1	156	1.63	8	2.2	<0.1	7.2	146	<0.1	1.6	0.1
1045808	Drill Core	6.86	0.051	105.3	1581	26.2	54	1.0	50.6	17.1	424	1.93	10	1.8	<0.1	7.8	137	0.1	2.9	0.2
1045809	Drill Core	4.42	0.037	143.5	1560	23.5	52	0.7	55.1	19.9	371	1.99	5	1.6	<0.1	8.3	124	0.1	2.1	0.2
1045810	Drill Core	4.77	0.035	147.9	1512	10.2	35	0.6	53.0	22.0	307	2.10	9	1.3	<0.1	6.2	148	<0.1	3.5	0.2
1045811	Drill Core	4.30	0.038	88.1	1326	11.8	40	0.6	52.5	19.6	361	2.02	11	1.3	<0.1	6.8	217	<0.1	3.0	0.2
1045812	Drill Core	5.65	0.021	47.0	1297	8.4	33	0.5	55.8	21.5	292	2.27	21	1.3	<0.1	7.9	146	<0.1	3.6	0.2
1045813	Drill Core	5.92	0.064	452.7	2439	13.2	41	1.3	40.2	15.3	364	1.82	28	1.0	<0.1	6.1	213	<0.1	12.6	0.3
1045814	Drill Core	3.68	0.071	123.6	2918	16.7	67	1.4	55.7	30.1	486	2.48	40	1.0	<0.1	5.4	126	<0.1	14.2	0.4
1045815	Drill Core	5.58	0.041	30.2	1500	16.9	60	1.1	29.9	14.4	980	2.44	42	1.6	<0.1	5.6	204	0.1	25.6	0.3
1045816	Rock Pulp	0.11	0.933	24.6	5144	6271	>10000	71.8	49.5	20.2	532	9.38	288	2.7	0.8	2.7	154	231.6	112.7	28.8
1045817	Drill Core	6.25	0.030	57.4	1313	9.1	39	0.5	54.3	23.2	361	2.80	13	1.5	<0.1	6.9	184	<0.1	1.9	0.3
1045818	Drill Core	7.00	0.031	79.9	1585	10.7	40	0.7	49.9	19.5	345	2.88	13	1.6	<0.1	8.4	515	<0.1	4.1	0.5
1045819	Drill Core	8.55	0.015	18.8	601.6	4.7	27	0.3	62.7	31.3	242	5.68	105	1.4	<0.1	4.7	357	<0.1	39.1	0.4
1045820	Drill Core	8.66	0.008	2.4	320.3	11.5	33	0.1	57.3	24.2	238	4.91	32	1.6	<0.1	6.2	122	0.1	19.0	0.1
1045821	Drill Core	10.30	<0.005	6.1	181.9	10.3	34	0.1	52.1	15.0	230	3.97	38	1.7	<0.1	5.9	249	<0.1	12.0	0.1
1045822	Drill Core	7.78	<0.005	2.1	137.5	6.5	28	<0.1	50.6	17.3	240	3.94	36	1.7	<0.1	6.7	295	0.2	8.7	0.2
1045823	Drill Core	10.00	<0.005	4.9	210.5	6.3	28	0.1	55.5	18.1	303	3.43	42	2.2	<0.1	8.2	104	0.1	21.9	0.1
1045824	Drill Core	8.72	0.009	3.8	163.7	8.5	32	0.1	65.1	16.0	234	3.02	30	2.7	<0.1	8.9	71	0.1	9.5	0.1
1045825	Drill Core	9.03	<0.005	20.1	154.8	7.7	34	0.1	50.6	28.8	251	3.08	12	2.4	<0.1	9.5	95	<0.1	6.3	0.1
1045826	Drill Core	6.36	0.006	14.0	242.3	8.9	34	0.1	57.2	37.3	280	3.55	13	2.4	<0.1	8.7	91	<0.1	7.2	0.1
1045827	Drill Core	8.61	0.008	13.4	135.6	17.1	49	0.1	52.4	21.8	275	3.95	26	2.0	<0.1	7.3	87	0.2	17.3	0.2
1045828	Drill Core	9.55	<0.005	24.2	194.9	8.2	28	0.1	50.9	25.5	217	4.45	11	1.7	<0.1	6.0	112	<0.1	17.3	0.1
1045829	Drill Core	12.16	0.008	35.0	207.0	7.8	25	<0.1	62.7	33.2	148	3.67	19	1.9	<0.1	6.0	116	<0.1	15.2	0.2
1045830	Rock	0.54	<0.005	0.1	0.9	<0.1	<1	<0.1	0.1	<0.2	23	<0.01	<1	1.6	<0.1	<0.1	4113	<0.1	0.1	<0.1
1045831	Drill Core	10.18	0.012	13.3	511.4	11.5	35	0.2	52.3	31.5	174	3.66	15	1.9	<0.1	6.3	162	0.1	11.5	0.2
1045832	Drill Core	10.00	0.005	52.0	371.7	10.1	29	0.1	54.6	27.3	168	2.99	8	1.9	<0.1	6.3	134	<0.1	7.2	0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045803	Drill Core	1.77	0.060	9.2	95	0.72	147	0.105	6.15	1.953	1.65	0.7	20.4	16	0.7	7.2	0.9	<0.1	1	6
1045804	Drill Core	2.39	0.058	8.7	101	1.00	341	0.225	6.29	1.096	1.45	1.8	24.8	17	0.8	7.7	2.0	0.1	2	12
1045805	Drill Core	2.11	0.055	26.6	95	1.24	647	0.242	6.87	2.533	2.17	0.5	30.7	47	0.9	9.4	2.2	0.1	1	13
1045806	Drill Core	1.23	0.068	14.1	94	1.41	567	0.235	6.48	2.653	1.72	0.7	31.9	24	1.0	10.4	2.6	0.2	1	12
1045807	Drill Core	0.73	0.068	8.0	97	1.27	707	0.234	6.42	1.420	1.56	0.9	35.1	15	0.9	8.8	1.9	0.1	1	12
1045808	Drill Core	1.03	0.061	11.9	90	1.23	437	0.242	6.69	1.611	1.64	0.9	37.5	20	0.8	9.8	2.6	0.1	1	13
1045809	Drill Core	1.18	0.061	20.0	91	1.28	594	0.214	7.00	1.594	1.84	0.7	27.2	35	0.7	9.9	2.0	0.1	1	13
1045810	Drill Core	1.88	0.063	16.4	83	1.11	417	0.179	6.58	0.808	1.56	0.8	24.3	29	0.7	8.6	1.5	<0.1	1	12
1045811	Drill Core	2.37	0.066	14.8	86	1.22	435	0.190	6.78	0.763	1.59	1.1	23.9	27	0.7	9.3	1.7	0.1	2	12
1045812	Drill Core	2.11	0.073	22.3	83	1.20	436	0.176	7.39	0.084	1.60	1.5	24.6	40	0.9	11.6	1.8	0.1	2	13
1045813	Drill Core	2.13	0.046	23.5	77	0.92	316	0.150	6.66	0.207	1.81	0.8	15.4	39	0.8	7.9	1.2	<0.1	1	11
1045814	Drill Core	3.07	0.050	17.6	78	0.90	168	0.159	6.27	0.046	1.19	1.3	17.1	30	0.7	8.8	1.5	<0.1	1	10
1045815	Drill Core	3.12	0.106	16.7	25	1.06	705	0.258	6.82	0.082	1.36	3.2	24.3	31	0.9	11.5	6.4	0.4	<1	7
1045816	Rock Pulp	1.74	0.051	12.9	36	0.88	48	0.191	3.72	1.176	0.69	1.2	35.3	25	53.1	12.1	4.4	0.2	<1	8
1045817	Drill Core	1.53	0.063	22.1	63	1.27	398	0.232	6.78	1.582	2.18	0.6	20.9	40	0.7	9.8	3.9	0.2	1	10
1045818	Drill Core	1.77	0.072	21.4	58	1.22	472	0.253	7.04	2.736	2.33	0.5	20.4	40	0.7	10.4	4.6	0.3	1	11
1045819	Drill Core	0.89	0.054	24.2	74	0.73	38	0.049	5.29	0.219	1.71	0.6	33.8	45	0.7	6.2	0.6	<0.1	1	9
1045820	Drill Core	1.81	0.053	21.9	93	1.04	52	0.095	6.28	0.153	1.53	0.4	39.5	39	0.8	9.1	1.0	<0.1	2	11
1045821	Drill Core	1.66	0.056	17.9	97	1.02	87	0.114	6.07	0.528	1.41	0.4	42.7	33	0.7	7.8	1.0	<0.1	1	11
1045822	Drill Core	1.85	0.060	21.1	96	1.04	119	0.066	6.59	0.197	1.60	0.3	45.7	39	0.6	9.2	0.7	<0.1	1	11
1045823	Drill Core	1.31	0.058	26.2	93	0.98	178	0.153	7.18	0.111	1.98	1.1	55.8	46	0.9	9.2	1.7	0.1	2	13
1045824	Drill Core	1.12	0.067	22.7	95	1.04	353	0.176	7.39	0.088	1.80	2.7	66.5	40	0.9	9.7	2.6	0.1	2	13
1045825	Drill Core	1.79	0.052	25.1	76	1.38	234	0.078	6.97	0.117	1.10	0.7	68.1	43	0.7	9.7	1.1	<0.1	2	12
1045826	Drill Core	1.90	0.050	23.3	73	1.46	225	0.068	7.05	0.122	1.14	0.6	63.8	41	0.6	9.2	1.0	<0.1	2	11
1045827	Drill Core	1.90	0.048	29.1	82	1.16	57	0.074	6.54	0.200	1.75	0.7	53.5	52	1.1	8.7	0.9	<0.1	1	11
1045828	Drill Core	1.34	0.053	20.7	76	1.06	34	0.045	6.21	0.218	1.65	0.6	44.1	38	0.7	6.9	0.6	<0.1	1	10
1045829	Drill Core	1.16	0.046	21.1	75	0.94	66	0.052	6.28	0.231	1.69	0.7	47.4	38	0.7	6.8	0.8	<0.1	1	10
1045830	Rock	36.79	0.004	0.3	<1	1.89	8	0.001	0.06	0.003	<0.01	<0.1	0.5	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045831	Drill Core	2.14	0.057	18.2	70	0.96	76	0.046	6.29	0.322	1.40	0.7	47.9	35	0.6	8.3	0.6	<0.1	1	10
1045832	Drill Core	1.83	0.054	18.4	73	1.03	127	0.054	6.67	0.177	1.72	0.7	47.9	34	0.8	7.3	0.7	<0.1	1	11



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045803	Drill Core	1.6	75.0	0.6
1045804	Drill Core	1.4	54.4	0.8
1045805	Drill Core	1.1	67.8	0.8
1045806	Drill Core	1.3	69.8	0.8
1045807	Drill Core	0.6	61.4	1.0
1045808	Drill Core	0.8	76.5	1.1
1045809	Drill Core	1.0	71.1	0.8
1045810	Drill Core	1.2	52.1	0.6
1045811	Drill Core	1.0	48.5	0.7
1045812	Drill Core	1.2	46.8	0.7
1045813	Drill Core	1.0	57.8	0.4
1045814	Drill Core	1.5	35.9	0.5
1045815	Drill Core	0.8	35.1	0.8
1045816	Rock Pulp	9.4	21.6	0.9
1045817	Drill Core	1.3	61.4	0.6
1045818	Drill Core	1.1	68.1	0.6
1045819	Drill Core	4.3	51.2	0.9
1045820	Drill Core	4.1	53.2	1.1
1045821	Drill Core	2.9	52.7	1.3
1045822	Drill Core	3.1	50.8	1.4
1045823	Drill Core	1.9	70.5	1.5
1045824	Drill Core	1.5	51.1	1.8
1045825	Drill Core	2.4	34.8	1.9
1045826	Drill Core	2.9	31.4	1.7
1045827	Drill Core	3.3	45.5	1.4
1045828	Drill Core	4.2	42.2	1.2
1045829	Drill Core	3.5	43.9	1.5
1045830	Rock	<0.1	0.2	<0.1
1045831	Drill Core	3.5	31.3	1.4
1045832	Drill Core	2.7	37.9	1.4



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Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045833	Drill Core	10.39	0.006	32.2	423.8	11.3	36	0.2	66.4	31.1	233	3.45	22	1.9	<0.1	6.5	96	0.1	7.9	0.1
1045834	Rock Pulp	0.12	0.803	24.1	5009	5563	>10000	68.3	49.2	20.0	520	9.21	248	2.5	0.8	2.6	154	224.7	103.5	26.4
1045835	Drill Core	8.64	0.016	6.9	253.4	11.8	42	0.1	67.6	21.9	300	3.16	22	2.3	<0.1	6.8	140	0.1	20.0	0.2
1045836	Drill Core	10.58	<0.005	6.9	107.8	13.7	47	0.1	65.6	23.5	480	2.88	15	2.0	<0.1	7.5	218	0.2	1.9	0.2
1045837	Drill Core	7.25	0.009	4.8	295.2	7.1	23	0.3	70.8	36.8	379	4.34	19	1.7	<0.1	6.4	228	<0.1	2.3	0.2
1045838	Drill Core	5.73	0.008	7.8	169.3	4.7	21	0.1	60.1	30.2	329	3.94	21	2.2	<0.1	7.9	158	<0.1	6.3	0.2
1045839	Drill Core	5.82	0.006	2.8	268.5	33.5	124	0.6	62.9	32.6	473	4.55	26	2.3	<0.1	7.8	157	0.6	6.7	0.2
1045840	Drill Core	4.96	0.011	4.6	197.9	5.1	28	0.2	56.7	22.0	286	3.37	14	2.6	<0.1	9.2	333	<0.1	2.0	0.2
1045841	Drill Core	5.55	<0.005	3.4	76.7	5.6	18	<0.1	53.0	17.7	170	3.20	4	2.5	<0.1	9.1	1252	<0.1	1.4	0.3
1045842	Drill Core	5.37	<0.005	9.1	82.9	6.0	19	<0.1	56.0	17.8	156	2.75	9	2.7	<0.1	9.2	562	<0.1	9.3	0.1
1045843	Drill Core	3.62	<0.005	7.4	81.8	4.9	20	<0.1	56.4	17.4	140	2.69	10	2.9	<0.1	10.1	425	<0.1	10.5	0.1
1045844	Drill Core	6.00	0.005	2.5	270.5	6.5	19	0.2	65.5	35.9	156	4.12	6	1.8	<0.1	5.8	62	<0.1	5.7	0.2
1045845	Drill Core	5.77	0.007	5.0	233.1	12.0	22	0.2	78.3	45.4	209	4.15	7	1.7	<0.1	5.6	902	0.1	3.2	0.2
1045846	Drill Core	5.79	0.008	1.7	114.5	8.0	28	<0.1	60.4	13.6	136	2.27	3	1.5	<0.1	5.5	483	0.1	0.5	0.1
1045847	Drill Core	4.27	<0.005	1.2	37.9	13.2	34	0.1	50.6	5.7	215	2.04	12	1.5	<0.1	5.4	376	0.1	0.8	0.1
1045848	Drill Core	5.93	0.015	7.9	311.2	7.5	25	0.2	33.1	40.1	377	4.76	7	1.8	<0.1	3.6	159	<0.1	0.7	0.1
1045849	Rock	0.34	<0.005	0.2	1.7	0.2	<1	<0.1	0.7	<0.2	31	<0.01	<1	1.6	<0.1	0.1	3624	<0.1	<0.1	<0.1
1045850	Drill Core	5.17	<0.005	3.7	280.8	7.3	26	0.1	20.2	20.9	321	4.00	2	1.7	<0.1	3.9	165	<0.1	0.6	0.1
1045851	Drill Core	5.31	<0.005	3.0	185.8	8.6	30	0.1	19.3	19.2	260	4.34	3	1.6	<0.1	4.1	531	<0.1	0.7	0.1
1045852	Drill Core	6.01	0.006	19.6	279.0	7.9	24	0.3	21.5	40.3	320	5.30	1	2.1	<0.1	4.4	289	<0.1	0.6	0.2
1045853	Drill Core	6.19	0.030	3.7	983.5	14.6	46	0.7	28.3	66.5	265	9.07	1	2.3	<0.1	2.9	318	0.2	0.6	0.3
1045854	Drill Core	5.72	0.011	5.6	312.2	11.5	34	0.2	25.2	32.5	252	4.62	3	2.0	<0.1	4.2	387	0.1	0.4	0.2
1045855	Rock Pulp	0.13	0.887	166.6	3582	56.6	121	3.2	29.0	20.7	501	5.13	59	1.4	0.9	3.1	210	0.6	8.3	0.7
1045856	Drill Core	5.75	0.015	7.6	352.2	10.7	30	0.2	27.2	37.4	271	5.25	3	1.7	<0.1	4.0	463	0.1	0.4	0.2
1045857	Drill Core	5.71	<0.005	4.4	198.8	7.8	28	0.2	21.5	25.1	278	4.71	5	2.0	<0.1	4.4	184	0.1	0.6	0.2
1045858	Drill Core	5.66	0.021	4.6	676.7	20.8	96	0.6	34.2	46.1	338	7.53	8	2.0	<0.1	3.6	1445	0.5	1.0	0.3
1045859	Drill Core	5.98	<0.005	39.3	140.3	5.6	19	0.1	50.5	24.8	173	3.43	10	1.9	<0.1	5.8	118	<0.1	1.6	0.2
1045860	Drill Core	5.64	0.006	51.1	150.7	8.9	27	0.2	61.3	78.3	171	5.70	36	1.7	<0.1	4.7	143	<0.1	4.2	0.1
1045861	Drill Core	5.52	0.012	2.2	452.6	10.8	31	0.4	74.3	26.8	192	4.45	38	2.0	<0.1	6.2	110	<0.1	20.2	0.2
1045862	Drill Core	6.40	0.013	209.3	228.1	23.3	91	0.6	55.1	23.4	388	3.59	27	1.9	<0.1	5.3	154	0.2	19.4	0.1



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CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045833	Drill Core	1.40	0.062	19.5	81	0.91	76	0.081	7.13	0.093	2.41	1.1	47.0	36	0.8	8.7	0.9	<0.1	2	12
1045834	Rock Pulp	1.71	0.046	12.0	34	0.86	142	0.186	3.70	1.125	0.63	1.3	34.4	24	51.5	11.8	4.4	0.2	<1	7
1045835	Drill Core	1.40	0.067	15.1	81	0.88	104	0.115	7.10	0.101	2.48	1.3	51.9	28	1.1	8.8	1.7	0.1	2	13
1045836	Drill Core	1.43	0.064	20.7	75	1.13	65	0.105	7.58	0.403	2.57	0.7	51.6	36	1.1	8.9	1.5	0.1	2	14
1045837	Drill Core	1.39	0.058	17.3	61	1.07	30	0.079	6.72	0.421	2.47	0.9	50.0	32	1.2	7.6	1.2	<0.1	1	11
1045838	Drill Core	1.02	0.053	23.5	70	1.03	51	0.114	7.28	0.179	2.98	0.6	58.2	41	1.4	8.4	1.7	0.1	1	13
1045839	Drill Core	0.60	0.052	20.5	71	0.79	52	0.143	6.65	0.109	2.87	0.7	60.8	37	1.5	9.0	2.6	0.2	1	12
1045840	Drill Core	1.06	0.064	25.7	75	1.18	78	0.157	7.45	0.476	2.84	0.8	69.1	47	1.3	10.8	2.9	0.2	2	13
1045841	Drill Core	0.86	0.078	25.2	67	1.11	41	0.104	7.27	0.554	2.51	0.9	64.9	46	1.0	11.2	2.1	0.1	2	13
1045842	Drill Core	0.81	0.052	18.6	69	1.04	72	0.120	7.31	0.324	2.27	1.1	75.4	35	0.9	9.0	2.7	0.2	2	12
1045843	Drill Core	0.74	0.054	22.1	68	1.04	81	0.119	7.55	0.335	2.40	1.1	75.9	40	1.1	9.4	2.6	0.2	2	13
1045844	Drill Core	1.16	0.060	17.2	75	1.18	33	0.092	6.96	0.241	2.42	3.9	44.6	32	2.1	8.2	1.3	<0.1	1	12
1045845	Drill Core	1.45	0.063	18.8	72	1.20	31	0.090	6.83	0.785	2.21	1.7	47.1	34	1.2	9.1	1.2	<0.1	1	12
1045846	Drill Core	1.56	0.064	14.7	87	1.26	103	0.119	6.95	2.259	1.06	0.6	46.3	26	0.5	8.4	1.6	0.1	1	12
1045847	Drill Core	2.66	0.065	8.2	80	1.14	93	0.125	7.36	1.394	1.11	0.9	46.9	15	0.5	9.1	2.1	0.1	1	13
1045848	Drill Core	2.34	0.127	19.0	44	1.57	26	0.093	7.19	0.935	1.56	0.7	54.8	35	0.7	9.3	0.8	<0.1	<1	10
1045849	Rock	35.81	0.003	0.4	<1	1.57	13	0.002	0.11	0.009	0.02	<0.1	2.8	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1045850	Drill Core	2.71	0.129	15.3	27	1.54	36	0.108	7.33	1.657	1.36	0.7	54.5	29	0.8	10.3	0.9	<0.1	1	9
1045851	Drill Core	1.91	0.124	15.2	26	1.48	21	0.109	7.24	1.841	1.28	0.4	48.5	28	0.7	9.2	0.9	<0.1	1	8
1045852	Drill Core	2.05	0.116	18.0	20	1.43	22	0.078	7.17	1.327	1.71	0.8	56.7	33	0.8	11.0	0.8	<0.1	1	8
1045853	Drill Core	1.75	0.121	7.6	12	1.17	18	0.102	5.99	1.785	1.52	0.4	68.7	15	1.1	8.8	1.0	<0.1	1	7
1045854	Drill Core	2.33	0.128	12.9	22	1.44	36	0.083	7.37	1.677	1.25	0.4	54.9	23	0.6	8.7	0.9	<0.1	1	9
1045855	Rock Pulp	0.41	0.106	17.0	51	0.86	74	0.286	6.93	1.094	3.40	25.5	25.4	29	3.0	12.6	3.9	0.2	1	13
1045856	Drill Core	2.19	0.127	9.2	23	1.38	22	0.091	7.10	1.517	1.30	0.5	51.2	17	0.8	8.0	0.8	<0.1	1	9
1045857	Drill Core	1.87	0.123	10.9	35	1.29	51	0.076	7.25	0.983	1.49	1.6	65.4	20	1.1	9.3	0.8	<0.1	1	9
1045858	Drill Core	1.77	0.117	14.3	29	1.32	20	0.104	6.37	1.173	1.31	0.4	58.0	26	1.0	9.1	0.9	<0.1	<1	8
1045859	Drill Core	1.71	0.061	19.3	91	1.13	48	0.107	7.02	0.440	2.18	2.2	48.4	33	1.1	9.6	1.4	0.1	2	13
1045860	Drill Core	1.72	0.063	15.0	77	1.11	26	0.107	6.28	0.482	2.13	1.1	39.6	27	1.4	9.4	1.4	<0.1	1	11
1045861	Drill Core	1.90	0.080	12.7	95	1.18	44	0.148	7.37	0.223	2.30	0.9	47.5	24	1.9	8.5	2.0	0.1	1	14
1045862	Drill Core	2.47	0.058	15.7	80	1.46	64	0.112	7.26	0.205	2.47	1.1	45.1	28	1.4	7.5	1.8	0.1	1	14



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SMI11000545.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045833	Drill Core	2.9	55.8	1.3
1045834	Rock Pulp	9.0	20.4	0.9
1045835	Drill Core	2.7	73.0	1.4
1045836	Drill Core	2.1	82.4	1.3
1045837	Drill Core	4.0	70.4	1.5
1045838	Drill Core	2.9	82.8	1.6
1045839	Drill Core	3.6	81.3	1.7
1045840	Drill Core	2.3	80.8	1.9
1045841	Drill Core	2.9	64.8	1.9
1045842	Drill Core	2.3	50.1	2.1
1045843	Drill Core	2.3	56.8	2.3
1045844	Drill Core	3.8	67.9	1.3
1045845	Drill Core	3.8	67.4	1.2
1045846	Drill Core	1.8	39.2	1.3
1045847	Drill Core	1.7	40.3	1.4
1045848	Drill Core	4.1	57.2	1.4
1045849	Rock	<0.1	0.6	<0.1
1045850	Drill Core	3.3	52.4	1.4
1045851	Drill Core	3.9	55.0	1.4
1045852	Drill Core	5.1	62.7	1.6
1045853	Drill Core	8.9	46.9	1.9
1045854	Drill Core	4.5	45.2	1.6
1045855	Rock Pulp	2.7	100.4	0.7
1045856	Drill Core	5.0	43.1	1.4
1045857	Drill Core	4.1	51.6	1.7
1045858	Drill Core	6.9	43.0	1.6
1045859	Drill Core	2.9	54.4	1.3
1045860	Drill Core	5.5	53.5	1.2
1045861	Drill Core	3.7	62.8	1.4
1045862	Drill Core	2.8	61.7	1.2



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045863	Drill Core	6.20	0.006	15.2	503.1	3.4	14	0.3	65.8	34.4	159	4.34	15	1.9	<0.1	5.8	95	<0.1	3.1	0.3
1045864	Drill Core	6.12	0.011	6.5	522.7	13.8	31	0.4	71.7	31.9	188	4.10	10	1.8	<0.1	6.0	100	<0.1	2.5	0.2
1045865	Rock	0.52	<0.005	0.2	2.8	0.5	3	<0.1	<0.1	<0.2	31	<0.01	1	1.8	<0.1	0.2	3962	<0.1	<0.1	<0.1
1045866	Drill Core	6.01	<0.005	3.9	216.0	16.3	41	0.3	63.2	21.5	210	3.65	10	1.9	<0.1	6.2	175	0.1	0.7	0.1
1045867	Drill Core	5.87	0.008	6.7	295.5	4.3	21	0.2	81.3	22.9	254	4.02	11	2.2	<0.1	7.0	449	<0.1	1.4	0.2
1045868	Drill Core	6.29	<0.005	3.3	216.3	4.0	21	0.1	71.3	19.6	269	3.84	15	2.0	<0.1	6.9	135	<0.1	2.8	<0.1
1045869	Drill Core	3.70	0.007	3.7	298.0	4.2	21	0.1	76.8	26.2	259	4.34	15	2.0	<0.1	6.9	210	<0.1	2.6	0.1
1045870	Drill Core	5.70	0.008	9.5	318.5	3.8	20	0.1	78.6	16.5	242	3.77	19	2.0	<0.1	6.4	194	<0.1	3.5	<0.1
1045871	Drill Core	6.06	0.010	7.1	306.3	4.7	26	0.1	77.8	20.9	251	3.88	34	1.8	<0.1	6.6	97	0.2	4.6	0.2
1045872	Drill Core	5.36	0.008	14.2	387.5	4.6	20	0.4	55.7	21.1	246	3.64	29	1.6	<0.1	6.3	115	0.1	2.7	0.3
1045873	Drill Core	5.31	0.015	20.3	449.2	7.6	25	0.3	91.1	43.2	208	5.67	32	1.4	<0.1	5.1	116	<0.1	8.2	0.2
1045874	Drill Core	1.41	<0.005	5.7	57.6	6.9	68	<0.1	18.2	18.2	799	4.92	22	1.2	<0.1	3.9	292	0.2	5.6	<0.1
1045875	Drill Core	6.87	0.008	10.3	337.1	5.4	25	0.2	67.7	20.1	223	4.04	41	1.3	<0.1	5.8	91	<0.1	14.9	0.2
1045876	Rock Pulp	0.15	0.436	149.2	4100	30.9	71	2.5	38.9	21.4	395	4.86	46	1.4	0.3	3.2	223	0.5	4.1	0.4
1045877	Drill Core	6.44	0.014	2.5	362.3	8.5	35	0.4	62.7	23.1	236	4.19	42	1.2	<0.1	5.8	141	<0.1	9.9	0.1
1045878	Drill Core	5.92	0.014	3.6	376.3	20.5	49	0.4	54.5	24.1	264	3.96	35	1.5	<0.1	6.7	154	0.2	2.7	0.2
1045879	Drill Core	6.28	0.009	6.1	330.2	6.5	23	0.1	61.5	22.2	155	2.92	45	1.8	<0.1	7.4	278	0.1	1.0	0.2
1045880	Drill Core	6.21	0.014	8.8	528.6	13.0	34	0.7	62.4	20.1	324	2.48	150	1.9	<0.1	8.2	480	0.1	4.3	0.2
1045881	Drill Core	2.87	0.008	3.3	259.9	184.1	708	1.2	58.1	17.2	1863	2.31	122	1.8	<0.1	7.9	268	4.6	10.7	0.2
1045882	Drill Core	5.34	0.007	7.7	365.8	79.0	407	1.1	12.1	18.8	478	2.84	147	1.9	<0.1	5.7	549	2.4	10.1	0.3
1045883	Drill Core	5.56	0.006	14.5	404.6	10.6	52	0.8	8.4	22.5	411	3.15	147	2.2	<0.1	4.5	605	0.2	9.5	0.2
1045884	Rock	0.60	<0.005	<0.1	2.7	0.3	1	<0.1	<0.1	0.3	25	0.04	3	1.3	<0.1	<0.1	4737	<0.1	<0.1	<0.1
1045885	Drill Core	5.64	0.007	48.3	470.4	10.4	40	0.6	6.6	18.9	327	2.75	165	2.0	<0.1	3.8	459	0.2	10.9	0.2
1045886	Drill Core	5.95	0.008	5.5	520.6	20.3	56	0.6	8.5	22.8	365	3.50	163	1.7	<0.1	3.1	410	0.3	13.9	0.2
1045887	Drill Core	5.36	0.010	8.3	448.9	54.9	54	0.9	4.8	18.4	683	2.71	164	2.1	<0.1	4.2	720	0.2	13.2	0.2
1045888	Drill Core	3.88	0.006	9.1	435.3	42.6	58	0.9	5.2	18.9	754	2.67	144	2.1	<0.1	4.6	711	0.3	12.2	0.2
1045889	Drill Core	5.70	0.033	63.5	1464	43.5	76	2.4	4.1	30.0	683	3.37	427	2.1	<0.1	5.3	678	0.4	42.8	0.3
1045890	Drill Core	5.42	0.014	42.3	609.3	72.6	97	1.4	2.8	22.7	777	2.88	167	2.1	<0.1	5.1	477	0.8	49.5	0.2
1045891	Drill Core	5.67	0.007	52.4	518.6	42.2	82	1.2	3.2	17.4	643	1.94	193	2.2	<0.1	5.8	544	0.3	15.3	0.2
1045892	Drill Core	6.12	0.018	161.5	1159	47.6	93	2.1	4.3	18.0	1347	2.75	377	1.9	<0.1	5.4	236	0.7	28.6	0.4



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045863	Drill Core	1.18	0.053	12.1	70	0.99	30	0.093	6.82	0.226	2.68	1.7	44.7	23	1.8	6.5	1.2	<0.1	1	13
1045864	Drill Core	1.45	0.062	22.9	85	1.36	39	0.106	7.23	0.517	2.37	0.6	45.9	41	1.4	8.4	1.4	<0.1	1	14
1045865	Rock	36.54	0.003	0.6	<1	1.68	16	0.001	0.14	0.003	0.02	<0.1	0.7	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1045866	Drill Core	1.45	0.062	21.8	83	1.41	48	0.120	7.23	0.767	1.92	1.0	49.1	39	1.3	9.1	1.7	0.1	2	13
1045867	Drill Core	1.20	0.086	22.3	95	1.52	82	0.195	7.77	1.083	2.25	0.6	54.9	41	1.2	10.8	2.6	0.2	2	15
1045868	Drill Core	0.87	0.078	18.9	88	1.55	125	0.251	7.55	0.897	2.30	0.8	47.9	35	1.3	9.0	3.5	0.2	2	16
1045869	Drill Core	0.87	0.076	19.2	94	1.54	73	0.234	7.51	0.849	2.31	0.7	46.9	36	1.2	9.2	3.2	0.2	2	16
1045870	Drill Core	0.69	0.070	19.2	86	1.59	144	0.244	7.31	0.878	2.15	0.9	47.5	35	1.2	8.2	3.2	0.2	2	15
1045871	Drill Core	0.80	0.068	14.2	84	1.43	151	0.199	7.84	0.520	2.78	0.8	49.3	29	1.2	7.7	3.0	0.3	2	16
1045872	Drill Core	1.18	0.062	14.9	84	1.00	84	0.081	6.72	0.466	2.26	0.4	49.5	31	0.9	6.9	1.3	0.1	2	14
1045873	Drill Core	1.03	0.086	23.2	73	1.13	38	0.126	7.20	0.297	2.57	0.9	35.5	48	1.3	9.0	1.5	0.1	2	14
1045874	Drill Core	4.34	0.175	19.3	22	2.34	317	0.579	8.12	0.105	0.98	1.0	99.6	38	1.0	12.4	7.6	0.4	1	14
1045875	Drill Core	0.90	0.069	17.0	77	1.17	97	0.169	7.43	0.253	2.49	1.5	42.0	35	1.0	8.2	2.2	0.2	3	15
1045876	Rock Pulp	0.44	0.112	17.6	64	1.06	189	0.285	8.38	1.596	5.27	13.2	28.4	32	2.7	11.0	3.1	0.2	<1	17
1045877	Drill Core	1.16	0.077	15.5	72	1.07	56	0.099	7.35	0.291	2.26	0.7	35.0	32	0.9	7.2	1.3	0.1	1	15
1045878	Drill Core	1.78	0.065	15.2	65	1.11	72	0.104	6.86	0.436	1.89	0.5	50.1	30	0.9	7.6	2.1	0.2	1	13
1045879	Drill Core	1.80	0.073	12.2	75	1.16	105	0.094	7.26	0.940	1.96	0.9	54.0	25	0.8	8.6	1.6	0.1	2	14
1045880	Drill Core	1.81	0.101	23.1	71	1.21	288	0.106	7.92	0.226	2.89	0.7	55.5	45	1.0	9.8	1.9	0.1	2	15
1045881	Drill Core	2.17	0.067	16.6	62	1.22	366	0.121	8.04	0.230	3.35	1.1	53.0	34	0.9	8.6	2.3	0.2	1	15
1045882	Drill Core	1.62	0.095	7.3	7	0.93	104	0.077	8.49	0.714	2.17	1.5	68.8	15	1.1	7.0	2.7	0.2	1	5
1045883	Drill Core	2.06	0.129	7.3	12	1.11	93	0.097	9.39	0.392	2.66	1.2	92.9	15	1.1	8.5	2.3	0.2	2	9
1045884	Rock	36.96	0.003	0.3	<1	1.80	7	0.002	0.06	0.002	0.02	<0.1	0.6	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1045885	Drill Core	1.57	0.122	11.5	10	0.97	104	0.094	6.78	0.726	2.30	1.1	79.1	24	1.2	7.8	2.1	0.2	2	6
1045886	Drill Core	2.25	0.124	5.1	10	0.95	83	0.089	6.44	0.572	1.67	1.1	73.5	11	0.8	7.0	1.7	0.1	2	6
1045887	Drill Core	1.88	0.107	12.9	7	0.94	180	0.068	6.69	0.217	2.30	1.0	64.9	26	0.9	6.6	1.7	0.1	2	5
1045888	Drill Core	1.90	0.104	13.0	7	0.97	277	0.051	7.41	0.229	2.25	0.8	63.4	25	0.8	6.2	1.1	<0.1	1	5
1045889	Drill Core	1.41	0.079	18.1	5	0.88	92	0.053	7.42	0.688	2.65	1.0	52.5	32	1.1	6.1	1.6	0.1	1	4
1045890	Drill Core	1.21	0.081	22.4	5	0.69	68	0.046	6.86	1.873	1.85	0.9	46.9	42	0.8	6.6	1.5	0.1	1	3
1045891	Drill Core	1.11	0.082	23.3	5	0.72	354	0.067	7.09	1.269	2.22	1.0	50.6	43	0.8	7.6	2.4	0.2	1	3
1045892	Drill Core	1.66	0.071	30.7	9	0.83	100	0.054	6.84	0.188	3.13	3.3	37.9	53	2.1	6.8	2.0	0.1	1	3



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045863	Drill Core	3.8	74.5	1.3
1045864	Drill Core	3.3	68.8	1.3
1045865	Rock	<0.1	0.8	<0.1
1045866	Drill Core	2.6	62.2	1.4
1045867	Drill Core	2.1	65.0	1.5
1045868	Drill Core	1.5	68.0	1.3
1045869	Drill Core	2.0	68.6	1.3
1045870	Drill Core	1.2	61.2	1.3
1045871	Drill Core	1.7	77.4	1.6
1045872	Drill Core	2.9	68.3	1.3
1045873	Drill Core	4.5	77.3	0.9
1045874	Drill Core	0.3	35.3	2.5
1045875	Drill Core	2.3	74.6	1.2
1045876	Rock Pulp	2.2	126.6	0.8
1045877	Drill Core	3.0	70.3	1.0
1045878	Drill Core	3.4	52.9	1.4
1045879	Drill Core	2.4	63.0	1.5
1045880	Drill Core	2.0	86.2	1.6
1045881	Drill Core	1.5	116.0	1.6
1045882	Drill Core	2.5	67.5	2.2
1045883	Drill Core	2.6	64.3	2.7
1045884	Rock	<0.1	0.5	<0.1
1045885	Drill Core	2.4	56.7	2.2
1045886	Drill Core	3.2	36.5	2.1
1045887	Drill Core	2.2	59.5	1.8
1045888	Drill Core	2.2	67.0	1.8
1045889	Drill Core	3.1	76.6	1.5
1045890	Drill Core	2.7	57.8	1.6
1045891	Drill Core	1.6	64.9	1.7
1045892	Drill Core	2.2	93.1	1.3



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045893	Rock Pulp	0.14	0.448	141.4	3758	29.7	71	2.6	37.5	20.6	378	4.56	46	1.2	0.4	3.0	199	0.4	3.6	0.3
1045894	Drill Core	6.23	0.030	52.9	2229	9.1	35	2.4	4.4	15.9	367	1.91	721	2.0	<0.1	6.0	501	0.1	48.4	0.5
1045895	Drill Core	6.13	0.009	18.7	584.7	6.9	32	0.9	2.6	21.6	359	2.44	206	1.8	<0.1	5.5	498	0.2	10.3	0.2
1045896	Drill Core	5.88	0.005	8.9	326.3	14.7	42	0.5	2.7	16.2	313	2.72	141	2.6	<0.1	6.0	328	0.2	3.1	0.2
1045897	Drill Core	6.36	0.010	13.9	677.3	12.5	35	0.4	4.3	24.8	236	3.85	75	1.7	<0.1	5.0	424	<0.1	0.5	0.2
1045898	Drill Core	5.75	0.019	7.0	585.7	14.3	36	0.5	3.1	28.9	279	3.61	39	1.5	<0.1	5.0	403	0.2	1.2	0.2
1045899	Drill Core	6.29	0.007	14.0	290.5	53.2	127	0.7	2.4	12.1	614	2.31	86	1.6	<0.1	5.0	334	0.8	6.0	0.1
1045900	Drill Core	6.57	0.014	61.4	663.6	62.1	197	1.6	2.0	17.6	1610	2.52	180	1.4	<0.1	4.7	379	1.2	16.8	0.2
1045901	Drill Core	6.05	0.019	257.8	970.9	71.6	290	3.4	3.4	21.8	1562	2.20	473	2.1	<0.1	5.2	1065	1.7	33.8	0.3
1045902	Drill Core	5.69	0.024	99.2	1142	5.5	19	0.9	4.1	24.6	331	2.55	241	1.4	<0.1	4.2	489	0.2	4.2	0.4
1045903	Drill Core	5.81	0.014	58.9	534.4	12.1	31	0.6	2.9	25.5	329	2.68	83	1.5	<0.1	4.9	445	0.2	1.4	0.2
1045904	Drill Core	6.74	0.015	13.3	441.1	10.4	32	0.4	2.8	24.0	286	2.94	18	1.6	<0.1	4.8	330	0.1	0.7	0.2
1045905	Drill Core	6.13	0.023	62.7	626.4	7.8	25	0.5	3.5	22.9	278	3.31	11	2.1	<0.1	4.5	432	<0.1	0.4	0.3
1045906	Drill Core	6.14	0.023	76.1	558.9	13.6	27	0.4	3.1	26.8	177	2.64	19	2.0	<0.1	5.1	447	0.1	1.3	0.2
1045907	Drill Core	6.39	0.014	43.3	938.8	23.1	38	1.1	4.4	45.4	255	4.17	30	1.8	<0.1	4.5	269	0.2	6.7	0.4
1045908	Drill Core	6.27	0.042	56.4	1806	56.0	125	2.1	4.2	39.3	438	3.11	90	1.8	<0.1	4.6	295	0.7	22.7	0.2
1045909	Drill Core	5.65	0.007	12.7	351.7	46.8	123	0.6	2.7	15.4	314	2.63	25	1.8	<0.1	4.6	253	0.9	5.2	0.1
1045910	Drill Core	0.66	0.014	11.4	674.1	13.0	24	0.5	3.1	19.5	324	3.08	35	1.7	<0.1	4.7	248	0.1	3.2	0.2
1045911	Drill Core	5.71	<0.005	0.7	12.6	0.3	1	<0.1	<0.1	0.6	25	0.13	3	1.4	<0.1	<0.1	4136	<0.1	<0.1	<0.1
1045912	Drill Core	4.56	0.034	98.6	1798	58.6	124	2.1	4.0	30.8	546	2.80	44	1.8	<0.1	4.8	178	0.7	20.4	0.2
1045913	Drill Core	3.70	0.027	139.7	1596	47.1	114	2.0	3.0	23.8	502	2.59	42	1.9	<0.1	4.8	217	0.6	18.5	0.2
1045914	Drill Core	5.81	0.016	24.5	630.0	20.3	57	0.6	2.5	22.1	336	2.50	14	1.7	<0.1	4.9	242	0.1	4.4	0.1
1045915	Drill Core	6.18	0.179	134.3	6370	49.2	113	4.3	11.2	132.0	577	5.18	37	2.0	<0.1	4.1	219	0.7	11.6	0.3
1045916	Drill Core	5.71	0.030	79.7	966.5	689.6	1441	12.1	3.9	34.1	1286	2.99	66	2.0	<0.1	4.0	389	9.4	171.9	0.3
1045917	Drill Core	6.27	0.006	7.5	246.4	157.5	598	2.6	3.2	18.0	717	2.60	28	1.8	<0.1	4.4	426	3.5	35.2	0.3
1045918	Drill Core	5.89	0.007	17.8	418.2	10.2	32	0.3	3.7	23.8	152	2.58	10	2.0	<0.1	4.8	443	<0.1	1.3	0.2
1045919	Rock Pulp	0.15	0.975	156.9	3679	53.8	130	4.6	28.7	19.4	499	5.12	62	1.3	1.4	2.6	233	0.8	8.2	0.7
1045920	Drill Core	7.01	0.009	10.0	341.9	5.9	21	0.2	4.3	30.0	147	2.79	8	1.8	<0.1	4.4	371	<0.1	0.6	0.1
1045921	Drill Core	5.91	0.008	8.3	271.2	20.6	63	0.4	3.7	28.1	223	3.19	7	1.7	<0.1	4.1	410	0.4	3.3	0.1



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		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045893	Rock Pulp	0.33	0.106	16.6	62	1.01	218	0.300	6.89	1.509	3.52	15.4	29.4	30	2.5	11.1	3.5	0.2	<1	16
1045894	Drill Core	1.05	0.074	31.8	7	0.71	277	0.066	7.04	0.882	2.77	1.9	40.9	54	1.5	6.9	2.3	0.2	2	3
1045895	Drill Core	1.52	0.089	21.7	8	0.74	167	0.061	6.77	1.877	2.17	1.2	43.4	40	1.0	7.2	2.3	0.2	1	3
1045896	Drill Core	1.72	0.099	19.1	7	0.79	91	0.061	9.55	1.835	2.29	0.7	45.6	36	0.8	8.1	1.8	0.1	1	5
1045897	Drill Core	1.40	0.082	16.4	8	0.63	63	0.060	6.92	1.166	2.71	0.8	39.1	31	1.3	7.4	1.6	0.1	1	4
1045898	Drill Core	1.69	0.087	11.8	11	0.58	53	0.066	6.78	1.670	2.68	0.9	39.3	24	1.3	6.9	2.0	0.2	2	4
1045899	Drill Core	1.96	0.090	14.3	12	0.60	80	0.075	6.61	2.373	2.23	0.6	45.9	29	0.8	7.1	2.8	0.2	1	3
1045900	Drill Core	2.50	0.086	17.4	7	0.61	106	0.069	6.88	0.808	2.88	1.0	42.8	35	0.9	7.5	2.6	0.2	2	3
1045901	Drill Core	2.25	0.085	29.7	8	0.66	107	0.075	7.62	0.140	3.20	1.7	41.5	52	1.2	7.6	3.0	0.2	1	4
1045902	Drill Core	2.20	0.087	16.2	8	0.65	88	0.067	6.42	1.451	2.36	1.6	42.0	32	1.2	7.1	2.6	0.2	1	3
1045903	Drill Core	1.67	0.093	16.9	8	0.61	74	0.073	6.85	1.776	2.58	0.9	43.6	33	0.8	7.5	2.5	0.2	2	3
1045904	Drill Core	1.76	0.093	13.9	8	0.61	44	0.072	7.28	2.057	2.53	1.0	44.6	29	0.9	7.3	2.5	0.2	1	3
1045905	Drill Core	1.96	0.100	18.0	8	0.64	41	0.054	7.57	2.128	2.36	1.1	36.5	35	0.9	8.2	1.6	0.1	1	4
1045906	Drill Core	1.90	0.090	22.0	7	0.62	116	0.063	7.69	2.130	2.45	1.0	35.7	43	0.9	7.3	2.2	0.1	2	4
1045907	Drill Core	2.07	0.081	16.8	7	0.57	40	0.048	6.95	1.389	2.53	1.5	30.0	35	1.3	7.1	1.5	0.1	2	3
1045908	Drill Core	2.05	0.086	15.2	6	0.62	57	0.059	7.36	1.433	2.71	1.1	30.4	32	1.4	7.0	2.0	0.1	1	3
1045909	Drill Core	1.77	0.085	16.6	7	0.64	78	0.066	7.45	1.725	2.60	0.7	29.7	33	1.0	7.3	2.1	0.1	1	4
1045910	Drill Core	1.84	0.082	16.4	7	0.62	145	0.064	7.39	1.282	2.73	0.7	30.5	34	1.0	7.1	1.9	0.1	<1	4
1045911	Drill Core	35.22	0.005	0.3	<1	1.94	16	0.003	0.15	0.019	0.04	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045912	Drill Core	2.10	0.089	19.3	8	0.66	142	0.069	7.36	1.075	2.90	0.9	29.9	38	1.4	7.3	2.1	0.2	<1	4
1045913	Drill Core	2.14	0.090	21.5	7	0.66	181	0.069	7.28	1.220	2.78	1.0	29.6	42	1.3	7.4	2.0	0.1	1	4
1045914	Drill Core	2.07	0.085	17.4	8	0.66	157	0.069	7.24	1.996	2.59	0.7	32.2	35	0.8	7.3	2.4	0.2	1	4
1045915	Drill Core	2.34	0.112	17.3	10	0.63	33	0.047	6.47	1.170	2.57	1.0	28.3	35	2.0	8.0	1.6	<0.1	<1	4
1045916	Drill Core	2.02	0.087	14.8	7	0.69	63	0.057	7.26	0.659	3.09	1.0	29.9	32	1.0	6.7	1.8	0.1	2	4
1045917	Drill Core	1.99	0.096	16.1	8	0.71	39	0.067	7.51	1.984	2.89	1.2	31.5	33	1.1	7.0	1.7	0.1	2	4
1045918	Drill Core	2.03	0.097	19.1	9	0.67	48	0.053	7.65	2.601	2.70	0.5	31.9	39	0.8	8.1	1.5	0.1	2	4
1045919	Rock Pulp	0.48	0.116	14.3	38	0.86	63	0.258	7.22	1.250	5.25	33.1	25.0	29	3.2	12.3	3.6	0.2	1	13
1045920	Drill Core	2.20	0.092	16.2	10	0.66	34	0.056	7.47	2.751	2.39	0.8	31.9	33	0.8	7.6	1.7	0.1	<1	4
1045921	Drill Core	2.14	0.097	13.6	11	0.66	32	0.059	7.27	2.636	2.49	0.8	30.6	28	0.8	7.0	1.7	0.1	2	4



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000545.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045893	Rock Pulp	2.1	92.6	1.0
1045894	Drill Core	1.4	78.4	1.3
1045895	Drill Core	2.2	63.6	1.4
1045896	Drill Core	2.2	62.0	1.5
1045897	Drill Core	3.4	67.2	1.3
1045898	Drill Core	3.8	65.7	1.3
1045899	Drill Core	2.6	62.6	1.6
1045900	Drill Core	2.7	91.4	1.6
1045901	Drill Core	1.8	95.0	1.4
1045902	Drill Core	2.4	52.8	1.5
1045903	Drill Core	2.5	67.9	1.5
1045904	Drill Core	2.8	60.3	1.6
1045905	Drill Core	3.1	55.4	1.2
1045906	Drill Core	2.6	57.4	1.2
1045907	Drill Core	4.4	60.0	1.1
1045908	Drill Core	3.2	64.1	1.2
1045909	Drill Core	2.5	67.7	1.1
1045910	Drill Core	3.0	71.8	1.1
1045911	Drill Core	<0.1	1.3	<0.1
1045912	Drill Core	2.7	79.4	1.1
1045913	Drill Core	2.4	74.5	1.1
1045914	Drill Core	2.4	65.5	1.2
1045915	Drill Core	5.7	63.6	1.0
1045916	Drill Core	3.0	97.1	1.0
1045917	Drill Core	3.0	80.8	1.1
1045918	Drill Core	3.0	67.3	1.1
1045919	Rock Pulp	2.7	135.1	0.8
1045920	Drill Core	3.5	59.9	1.1
1045921	Drill Core	3.7	64.1	1.1

QUALITY CONTROL REPORT

SMI11000545.2

		Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																						
1045806	Drill Core	6.27	0.055	71.9	1376	7.6	36	0.5	62.4	25.3	233	2.72	13	2.1	<0.1	6.9	1224	<0.1	1.2	0.2	125	
REP 1045806	QC	0.047																				
1045808	Drill Core	6.86	0.051	105.3	1581	26.2	54	1.0	50.6	17.1	424	1.93	10	1.8	<0.1	7.8	137	0.1	2.9	0.2	127	
REP 1045808	QC			119.8	1555	27.1	59	1.0	51.5	18.7	419	1.98	10	1.9	<0.1	7.9	136	0.1	2.9	0.2	126	
1045829	Drill Core	12.16	0.008	35.0	207.0	7.8	25	<0.1	62.7	33.2	148	3.67	19	1.9	<0.1	6.0	116	<0.1	15.2	0.2	82	
REP 1045829	QC	0.008																				
1045846	Drill Core	5.79	0.008	1.7	114.5	8.0	28	<0.1	60.4	13.6	136	2.27	3	1.5	<0.1	5.5	483	0.1	0.5	0.1	112	
REP 1045846	QC	<0.005																				
1045867	Drill Core	5.87	0.008	6.7	295.5	4.3	21	0.2	81.3	22.9	254	4.02	11	2.2	<0.1	7.0	449	<0.1	1.4	0.2	147	
REP 1045867	QC			6.9	290.3	4.1	20	0.1	75.1	21.8	232	3.80	10	1.9	<0.1	6.9	418	<0.1	1.3	0.1	142	
1045878	Drill Core	5.92	0.014	3.6	376.3	20.5	49	0.4	54.5	24.1	264	3.96	35	1.5	<0.1	6.7	154	0.2	2.7	0.2	100	
REP 1045878	QC	0.012																				
1045900	Drill Core	6.57	0.014	61.4	663.6	62.1	197	1.6	2.0	17.6	1610	2.52	180	1.4	<0.1	4.7	379	1.2	16.8	0.2	28	
REP 1045900	QC			51.9	660.6	59.8	186	1.5	2.8	17.1	1612	2.51	168	1.3	<0.1	4.3	370	1.0	15.0	0.2	29	
Core Reject Duplicates																						
1045821	Drill Core	10.30	<0.005	6.1	181.9	10.3	34	0.1	52.1	15.0	230	3.97	38	1.7	<0.1	5.9	249	<0.1	12.0	0.1	102	
DUP 1045821	QC			6.9	176.1	9.9	33	<0.1	54.5	15.2	232	3.96	41	1.7	<0.1	6.2	247	0.1	12.2	0.1	101	
1045856	Drill Core	5.75	0.015	7.6	352.2	10.7	30	0.2	27.2	37.4	271	5.25	3	1.7	<0.1	4.0	463	0.1	0.4	0.2	94	
DUP 1045856	QC			6.1	355.4	9.5	33	0.2	24.6	34.6	262	4.92	3	1.6	<0.1	3.6	442	0.1	0.4	0.2	91	
1045891	Drill Core	5.67	0.007	52.4	518.6	42.2	82	1.2	3.2	17.4	643	1.94	193	2.2	<0.1	5.8	544	0.3	15.3	0.2	28	
DUP 1045891	QC			0.022	47.2	514.3	43.2	84	1.1	2.6	16.3	629	1.90	202	2.2	<0.1	5.9	548	0.6	15.4	0.2	29
Reference Materials																						
STD OREAS24P	Standard			1.5	51.3	3.1	115	0.1	143.8	45.4	1112	7.37	2	0.7	<0.1	3.0	381	0.1	0.1	<0.1	159	
STD OREAS24P	Standard			1.6	53.8	3.5	126	<0.1	146.2	47.8	1150	8.10	2	0.7	<0.1	3.4	407	<0.1	0.1	<0.1	162	
STD OREAS24P	Standard			1.7	53.1	3.3	113	<0.1	149.9	47.5	1098	7.73	2	0.8	<0.1	3.1	359	<0.1	0.1	<0.1	171	
STD OREAS24P	Standard			1.5	52.8	3.2	115	<0.1	151.9	48.1	1067	7.56	2	0.7	<0.1	3.1	365	<0.1	0.1	<0.1	169	
STD OREAS24P	Standard			1.4	47.4	3.5	106	<0.1	136.9	43.5	1090	7.41	1	0.8	<0.1	3.0	370	0.1	<0.1	<0.1	153	
STD OREAS24P	Standard			1.4	47.8	2.7	115	<0.1	131.5	42.2	1074	7.23	2	0.7	<0.1	3.0	383	0.2	<0.1	<0.1	159	



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Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045806	Drill Core	1.23	0.068	14.1	94	1.41	567	0.235	6.48	2.653	1.72	0.7	31.9	24	1.0	10.4	2.6	0.2	1	12
REP 1045806	QC																			25.3
1045808	Drill Core	1.03	0.061	11.9	90	1.23	437	0.242	6.69	1.611	1.64	0.9	37.5	20	0.8	9.8	2.6	0.1	1	13
REP 1045808	QC	1.03	0.063	11.6	86	1.23	439	0.235	6.64	1.619	1.67	0.9	33.3	20	0.8	9.4	2.2	0.1	2	13
1045829	Drill Core	1.16	0.046	21.1	75	0.94	66	0.052	6.28	0.231	1.69	0.7	47.4	38	0.7	6.8	0.8	<0.1	1	10
REP 1045829	QC																			40.3
1045846	Drill Core	1.56	0.064	14.7	87	1.26	103	0.119	6.95	2.259	1.06	0.6	46.3	26	0.5	8.4	1.6	0.1	1	12
REP 1045846	QC																			28.6
1045867	Drill Core	1.20	0.086	22.3	95	1.52	82	0.195	7.77	1.083	2.25	0.6	54.9	41	1.2	10.8	2.6	0.2	2	15
REP 1045867	QC	1.12	0.086	21.8	88	1.42	68	0.193	7.20	1.044	1.95	0.6	50.5	40	1.2	10.3	2.6	0.2	2	15
1045878	Drill Core	1.78	0.065	15.2	65	1.11	72	0.104	6.86	0.436	1.89	0.5	50.1	30	0.9	7.6	2.1	0.2	1	13
REP 1045878	QC																			67.7
1045900	Drill Core	2.50	0.086	17.4	7	0.61	106	0.069	6.88	0.808	2.88	1.0	42.8	35	0.9	7.5	2.6	0.2	2	3
REP 1045900	QC	2.50	0.080	16.3	8	0.60	76	0.069	6.85	0.771	2.82	1.0	42.7	33	1.0	7.0	2.5	0.2	1	3
Core Reject Duplicates																				
1045821	Drill Core	1.66	0.056	17.9	97	1.02	87	0.114	6.07	0.528	1.41	0.4	42.7	33	0.7	7.8	1.0	<0.1	1	11
DUP 1045821	QC	1.67	0.052	18.3	99	1.03	87	0.110	6.31	0.524	1.47	0.3	42.5	33	0.9	7.8	0.9	<0.1	1	11
1045856	Drill Core	2.19	0.127	9.2	23	1.38	22	0.091	7.10	1.517	1.30	0.5	51.2	17	0.8	8.0	0.8	<0.1	1	9
DUP 1045856	QC	2.10	0.113	8.1	25	1.32	20	0.092	6.55	1.416	1.34	0.5	49.6	16	0.7	7.5	0.9	<0.1	<1	8
1045891	Drill Core	1.11	0.082	23.3	5	0.72	354	0.067	7.09	1.269	2.22	1.0	50.6	43	0.8	7.6	2.4	0.2	1	3
DUP 1045891	QC	1.11	0.081	25.3	5	0.72	430	0.072	7.26	1.278	1.60	1.0	51.5	44	0.8	7.9	2.8	0.2	2	3
Reference Materials																				
STD OREAS24P	Standard	5.85	0.127	18.5	205	3.94	277	1.111	7.54	2.379	0.65	0.4	134.0	38	1.4	21.9	18.7	1.1	<1	20
STD OREAS24P	Standard	6.14	0.136	20.0	188	4.07	304	1.190	7.94	2.563	0.65	0.5	139.7	38	1.8	21.1	19.6	1.2	1	22
STD OREAS24P	Standard	5.65	0.127	22.2	200	4.17	272	1.043	8.01	2.609	0.68	0.4	135.0	38	1.5	23.8	20.1	1.1	1	21
STD OREAS24P	Standard	5.53	0.127	22.1	196	4.07	274	1.051	7.71	2.540	0.65	0.4	133.7	39	1.8	23.1	19.7	1.1	1	20
STD OREAS24P	Standard	5.70	0.133	19.5	195	3.99	271	1.063	7.47	2.351	0.64	0.5	128.6	36	1.6	22.2	19.1	1.1	1	21
STD OREAS24P	Standard	5.36	0.136	18.9	176	3.99	284	1.022	7.63	2.600	0.68	0.4	129.9	37	1.5	22.0	19.0	1.1	2	20



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Report Date: January 17, 2012

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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045806	Drill Core	1.3	69.8	0.8
REP 1045806	QC			
1045808	Drill Core	0.8	76.5	1.1
REP 1045808	QC	0.8	77.9	0.9
1045829	Drill Core	3.5	43.9	1.5
REP 1045829	QC			
1045846	Drill Core	1.8	39.2	1.3
REP 1045846	QC			
1045867	Drill Core	2.1	65.0	1.5
REP 1045867	QC	2.1	61.4	1.4
1045878	Drill Core	3.4	52.9	1.4
REP 1045878	QC			
1045900	Drill Core	2.7	91.4	1.6
REP 1045900	QC	2.7	84.6	1.4
Core Reject Duplicates				
1045821	Drill Core	2.9	52.7	1.3
DUP 1045821	QC	2.9	55.6	1.2
1045856	Drill Core	5.0	43.1	1.4
DUP 1045856	QC	4.6	43.1	1.4
1045891	Drill Core	1.6	64.9	1.7
DUP 1045891	QC	1.6	50.2	1.7
Reference Materials				
STD OREAS24P	Standard	<0.1	21.1	3.6
STD OREAS24P	Standard	<0.1	21.4	3.6
STD OREAS24P	Standard	<0.1	21.6	3.4
STD OREAS24P	Standard	<0.1	20.9	3.3
STD OREAS24P	Standard	<0.1	16.9	3.3
STD OREAS24P	Standard	<0.1	20.6	3.4



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QUALITY CONTROL REPORT

SMI11000545.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.1	614.6	25.3	82	0.4	331.2	103.2	1170	17.51	12	2.3	<0.1	11.2	39	0.2	1.0	0.2	265
STD OREAS45C	Standard			2.1	628.3	28.9	95	0.4	329.5	104.4	1141	18.06	13	2.3	<0.1	12.9	34	0.3	0.9	0.2	266
STD OREAS45C	Standard			2.3	608.7	27.8	92	0.3	335.8	105.2	1102	19.65	13	2.9	<0.1	12.2	35	0.1	0.9	0.2	285
STD OREAS45C	Standard			2.3	567.6	30.2	92	0.3	301.1	98.2	1023	17.10	10	2.5	<0.1	11.5	36	0.2	0.8	0.2	249
STD OREAS45C	Standard			2.0	613.3	27.4	76	0.3	330.1	99.9	1163	17.52	12	2.6	<0.1	12.3	38	<0.1	0.9	0.3	262
STD OREAS45C	Standard			2.1	625.9	25.7	86	0.3	337.1	97.3	1147	18.55	12	2.4	<0.1	11.7	38	0.1	0.9	0.2	269
STD OXH82	Standard		1.253																		
STD OXH82	Standard		1.281																		
STD OXH82	Standard		1.300																		
STD OXH82	Standard		1.295																		
STD OXH82	Standard		1.296																		
STD OXH82	Standard		1.348																		
STD OXK79	Standard		3.416																		
STD OXK79	Standard		3.615																		
STD OXK79	Standard		3.594																		
STD OXK79	Standard		3.677																		
STD OXK79	Standard		3.620																		
STD OXK79 Expected			3.532																		
STD OXH82 Expected			1.278																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000545.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.49	0.051	27.4	923	0.25	281	1.171	7.18	0.092	0.34	1.1	163.2	52	3.2	12.8	22.2	1.5	<1	60	15.1
STD OREAS45C	Standard	0.48	0.050	28.5	958	0.27	303	1.253	7.38	0.105	0.34	1.1	173.0	53	3.3	12.5	25.1	1.6	1	61	18.7
STD OREAS45C	Standard	0.47	0.048	31.4	1000	0.24	277	1.151	7.29	0.095	0.34	1.1	170.8	53	3.1	14.0	24.8	1.5	<1	58	15.4
STD OREAS45C	Standard	0.43	0.046	29.3	909	0.23	258	0.993	6.58	0.088	0.31	1.1	153.5	49	2.8	13.2	21.5	1.3	<1	54	14.0
STD OREAS45C	Standard	0.47	0.049	30.0	976	0.23	314	1.178	7.16	0.105	0.35	1.1	163.6	52	3.3	13.8	23.2	1.4	1	60	15.8
STD OREAS45C	Standard	0.49	0.056	26.5	917	0.27	280	1.156	7.15	0.106	0.38	1.1	172.0	53	2.9	13.1	23.6	1.5	<1	62	17.4
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79 Expected																					
STD OXH82 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI11000545.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	23.4	4.4
STD OREAS45C	Standard	<0.1	25.2	4.8
STD OREAS45C	Standard	<0.1	22.5	4.6
STD OREAS45C	Standard	<0.1	21.1	4.2
STD OREAS45C	Standard	<0.1	24.4	4.2
STD OREAS45C	Standard	<0.1	24.7	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79 Expected				
STD OXH82 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000545.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.6	5.0	22.4	53	<0.1	3.6	5.1	765	2.32	<1	3.1	<0.1	8.8	700	<0.1	<0.1	0.1	53
G1	Prep Blank	<0.005	0.6	4.6	21.2	53	<0.1	3.2	4.8	756	2.30	1	2.5	<0.1	9.2	716	<0.1	<0.1	0.1	52



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QUALITY CONTROL REPORT

SMI11000545.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.078	28.6	5	0.60	1005	0.266	7.24	2.853	2.80	0.1	12.3	53	1.5	15.8	26.7	1.4	2	5	33.8
G1	Prep Blank	2.26	0.079	30.0	7	0.56	991	0.270	7.23	2.920	1.90	<0.1	10.7	56	1.4	15.2	25.1	1.3	2	5	31.3



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Project: Poplar Drilling

Report Date: January 17, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000545.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	101.6	0.6
G1	Prep Blank	<0.1	69.5	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 11, 2011
Report Date: November 09, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000570.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_101
P.O. Number
Number of Samples: 149

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	141	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	149	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	149	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Email Distribution List



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124501	Drill Core	4.50	0.203	30.2	5086	10.2	48	0.9	13.2	14.3	153	3.28	2	0.6	0.1	3.9	297	0.2	0.2	0.3
124502	Drill Core	5.64	0.210	37.1	5381	9.8	38	1.0	14.8	12.8	146	2.66	2	0.6	0.2	3.6	281	0.2	0.2	0.3
124503	Drill Core	5.33	0.212	46.4	6061	10.9	44	1.0	13.2	10.4	184	2.13	7	0.8	0.4	3.7	280	<0.1	0.3	0.2
124504	Drill Core	4.10	0.210	23.4	5113	7.7	53	0.9	26.6	18.3	267	3.92	1	0.7	0.1	2.3	364	0.1	<0.1	0.2
124505	Drill Core	5.47	0.225	27.5	5617	9.9	46	1.1	20.4	16.4	472	3.06	<1	0.7	0.5	3.6	284	0.2	0.1	0.1
124506	Drill Core	6.51	0.166	28.7	4392	190.4	579	7.6	20.0	15.1	2263	3.70	52	0.8	0.3	3.8	267	3.3	53.7	0.1
124507	Drill Core	5.99	0.207	37.9	4983	32.3	117	2.0	17.5	13.2	997	3.29	6	0.7	0.1	4.2	322	0.4	3.7	0.2
124508	Drill Core	5.49	0.149	34.3	3858	13.4	52	1.7	16.8	11.4	590	3.07	6	0.7	0.1	3.7	332	<0.1	1.8	0.1
124509	Drill Core	6.19	0.171	30.0	4863	91.4	333	4.1	18.1	13.6	1004	3.08	29	0.8	0.1	4.1	295	2.2	22.0	0.3
124510	Drill Core	5.54	0.101	15.3	3042	47.5	310	1.7	14.9	10.0	1102	2.64	19	0.9	<0.1	4.1	301	1.8	5.8	0.2
124511	Rock Pulp	0.07	0.981	23.0	5176	6108	>10000	73.2	50.2	19.4	625	9.00	472	1.9	2.9	2.1	177	230.6	128.7	31.5
124512	Drill Core	5.97	0.119	31.9	3852	55.6	164	2.2	16.7	12.4	899	2.85	14	0.9	0.1	3.8	277	0.9	4.8	0.2
124513	Drill Core	6.36	0.124	30.1	3196	10.9	52	0.8	16.4	11.1	336	3.27	4	0.8	<0.1	3.8	376	<0.1	0.7	0.1
124514	Drill Core	6.94	0.126	7.7	4117	12.9	72	1.5	15.0	11.6	551	3.92	2	0.8	0.3	4.0	338	0.2	0.4	0.4
124515	Rock	0.73	<0.005	0.6	64.0	0.6	2	<0.1	1.3	<0.2	41	0.06	3	1.3	<0.1	<0.1	3738	<0.1	<0.1	<0.1
124516	Drill Core	6.13	0.099	17.6	2934	8.4	48	0.8	17.6	11.2	381	3.28	3	0.8	<0.1	3.9	358	0.1	0.1	0.2
124517	Drill Core	6.69	0.151	49.2	5394	10.5	48	1.4	22.3	13.5	342	3.44	1	0.8	0.1	3.8	339	0.1	<0.1	0.3
124518	Drill Core	2.96	0.193	86.8	5814	10.6	53	1.6	23.0	13.5	348	3.73	1	0.8	0.2	4.0	328	0.2	<0.1	0.4
124519	Drill Core	7.41	0.137	23.7	4624	10.6	49	1.4	19.6	10.2	324	3.51	5	0.5	0.2	4.6	242	0.2	0.2	0.4
124520	Drill Core	6.90	0.163	30.2	6185	80.4	223	4.8	19.4	14.1	813	3.75	271	0.5	0.1	4.2	208	1.2	23.2	0.9
124521	Drill Core	6.02	0.197	77.4	6569	11.4	44	1.7	15.3	11.3	322	3.27	6	0.5	0.2	5.1	305	0.2	0.3	0.3
124522	Drill Core	6.20	0.132	3.7	4768	10.7	42	1.4	11.4	12.7	314	4.32	5	0.4	0.1	4.5	408	<0.1	0.3	0.4
124523	Drill Core	5.79	0.131	7.4	4421	17.6	68	1.8	11.6	12.0	509	4.84	12	0.5	0.2	4.5	442	0.2	1.5	0.5
124524	Rock Pulp	0.10	0.442	136.3	3830	27.2	70	2.6	39.2	22.1	487	4.64	48	1.1	0.3	2.2	262	0.2	4.5	0.5
124525	Drill Core	5.13	0.077	12.8	3035	18.5	78	1.4	10.3	14.4	551	4.25	18	0.6	<0.1	4.5	439	0.2	0.9	0.7
124526	Drill Core	6.43	0.080	14.5	3474	12.9	55	1.3	10.0	13.7	381	4.39	4	0.5	0.1	4.8	490	0.1	0.2	0.5
124527	Drill Core	8.08	0.116	7.6	4464	14.2	78	1.6	11.1	13.2	453	5.40	6	0.5	0.1	3.9	463	0.4	0.2	0.6
124528	Drill Core	3.82	0.259	46.4	6043	9.4	47	1.6	11.3	14.3	317	4.99	3	0.5	<0.1	4.6	520	<0.1	0.2	0.3
124529	Drill Core	5.98	0.015	2.2	578.3	17.5	81	0.4	8.1	7.8	744	3.26	13	1.9	<0.1	5.5	746	0.3	1.1	0.2
124530	Drill Core	6.08	<0.005	0.8	181.7	10.3	39	<0.1	8.7	8.9	484	3.27	3	2.0	<0.1	5.5	694	<0.1	0.1	<0.1



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124501	Drill Core	0.78	0.086	15.3	10	0.86	144	0.204	6.93	2.958	2.82	0.2	17.0	33	1.1	11.4	4.3	0.2	1	5
124502	Drill Core	1.37	0.082	13.7	9	0.80	162	0.183	6.68	2.804	2.59	0.3	17.2	32	1.2	10.6	3.2	0.2	<1	5
124503	Drill Core	1.68	0.086	16.5	10	0.83	385	0.178	7.30	2.385	3.00	0.2	20.0	36	1.2	11.8	2.7	0.2	1	6
124504	Drill Core	2.07	0.100	16.1	21	2.28	359	0.456	8.16	2.317	2.60	0.3	12.4	35	1.2	14.2	5.8	0.2	<1	24
124505	Drill Core	2.35	0.124	18.9	24	1.43	560	0.384	7.41	2.024	2.49	0.2	14.0	42	1.1	14.5	6.4	0.3	<1	10
124506	Drill Core	1.96	0.127	20.2	19	1.50	384	0.359	7.68	1.655	2.53	0.3	17.7	43	1.1	14.6	6.1	0.3	2	10
124507	Drill Core	1.99	0.124	19.5	19	1.32	631	0.349	7.52	2.282	2.73	0.2	16.6	41	0.9	14.6	7.3	0.4	<1	9
124508	Drill Core	1.94	0.129	19.2	24	1.39	631	0.376	7.37	2.379	2.51	0.2	14.9	41	0.9	14.0	7.6	0.4	2	10
124509	Drill Core	1.96	0.122	17.3	22	1.32	607	0.350	7.27	1.820	2.66	0.5	14.5	37	1.2	12.9	7.2	0.4	<1	9
124510	Drill Core	2.35	0.126	18.7	20	1.22	752	0.358	7.51	1.658	2.65	1.1	17.1	39	0.8	13.5	7.4	0.4	<1	9
124511	Rock Pulp	1.75	0.051	11.2	31	0.88	171	0.199	3.74	1.205	0.74	1.2	39.9	25	51.7	12.9	4.3	0.2	<1	7
124512	Drill Core	2.36	0.104	17.8	24	1.49	517	0.376	7.20	1.488	2.60	0.4	19.4	38	1.1	13.7	7.7	0.4	<1	10
124513	Drill Core	1.92	0.115	18.2	25	1.32	474	0.369	7.40	2.791	2.05	0.5	22.2	37	0.8	14.1	8.1	0.4	2	10
124514	Drill Core	2.01	0.132	16.5	19	1.19	652	0.338	7.36	2.637	2.22	1.8	22.3	35	1.5	14.2	7.4	0.4	<1	8
124515	Rock	39.42	0.005	0.8	<1	1.46	15	0.006	0.15	0.040	0.03	<0.1	0.4	<1	<0.1	0.4	0.2	<0.1	<1	<1
124516	Drill Core	1.83	0.121	13.3	33	1.66	305	0.416	7.18	3.026	1.81	0.2	21.7	30	0.9	15.5	9.4	0.4	1	11
124517	Drill Core	1.83	0.128	15.4	34	1.70	308	0.430	7.45	2.732	2.02	0.3	23.2	33	1.3	14.5	9.1	0.4	2	12
124518	Drill Core	1.89	0.122	16.9	36	1.70	318	0.424	7.23	2.730	2.05	0.3	21.8	33	1.4	14.3	8.8	0.4	1	12
124519	Drill Core	1.38	0.051	10.4	81	0.93	262	0.286	5.98	2.483	1.62	0.2	10.8	21	1.0	8.6	6.9	0.4	<1	10
124520	Drill Core	1.77	0.043	8.2	73	0.89	260	0.220	5.38	1.222	1.52	0.5	7.9	16	1.1	7.0	5.3	0.3	1	9
124521	Drill Core	1.61	0.108	11.6	29	0.93	409	0.277	6.32	2.726	1.87	0.2	11.1	25	1.1	11.6	7.7	0.4	1	7
124522	Drill Core	1.68	0.113	10.4	9	0.76	352	0.242	6.43	2.965	1.48	0.4	7.9	22	0.8	10.9	6.2	0.4	1	5
124523	Drill Core	1.80	0.103	10.9	9	0.78	332	0.261	6.81	2.795	1.81	0.7	9.1	23	1.0	10.6	6.5	0.4	<1	6
124524	Rock Pulp	0.43	0.106	16.1	62	1.03	87	0.321	7.05	1.460	6.46	13.5	27.1	31	2.4	13.2	2.9	0.2	2	16
124525	Drill Core	1.76	0.111	11.9	8	0.79	165	0.245	6.33	2.160	2.46	1.6	8.9	26	1.3	11.1	5.8	0.4	<1	6
124526	Drill Core	1.79	0.109	10.3	10	0.81	181	0.259	6.82	2.699	2.05	1.3	9.5	22	1.1	10.0	6.1	0.4	<1	6
124527	Drill Core	1.88	0.053	8.0	11	0.92	372	0.270	6.92	3.016	1.49	0.5	10.0	15	1.0	7.0	6.8	0.5	1	7
124528	Drill Core	2.02	0.080	10.8	9	0.79	273	0.266	6.77	2.831	1.76	0.2	9.4	22	1.1	8.8	6.6	0.5	1	6
124529	Drill Core	2.48	0.111	16.9	10	0.97	895	0.255	7.03	1.766	2.58	0.9	21.2	34	0.8	11.6	6.2	0.4	<1	6
124530	Drill Core	2.55	0.116	18.1	9	0.92	1152	0.291	7.51	2.943	2.28	0.3	22.9	36	0.6	11.4	6.3	0.4	<1	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124501	Drill Core	1.4	56.7	0.6
124502	Drill Core	1.4	54.6	0.6
124503	Drill Core	1.1	56.0	0.7
124504	Drill Core	0.8	91.4	0.4
124505	Drill Core	1.0	72.6	0.4
124506	Drill Core	1.3	89.5	0.5
124507	Drill Core	0.9	83.4	0.5
124508	Drill Core	0.6	81.2	0.4
124509	Drill Core	0.9	83.2	0.4
124510	Drill Core	0.5	94.6	0.5
124511	Rock Pulp	9.4	21.2	1.0
124512	Drill Core	0.8	85.9	0.5
124513	Drill Core	0.5	69.9	0.6
124514	Drill Core	0.9	67.3	0.6
124515	Rock	<0.1	0.9	<0.1
124516	Drill Core	0.5	65.6	0.6
124517	Drill Core	0.9	77.0	0.6
124518	Drill Core	1.2	79.8	0.5
124519	Drill Core	1.1	59.8	0.3
124520	Drill Core	1.5	63.0	0.2
124521	Drill Core	1.2	58.7	0.3
124522	Drill Core	1.0	45.4	0.2
124523	Drill Core	1.2	59.1	0.3
124524	Rock Pulp	2.1	158.4	0.7
124525	Drill Core	1.4	68.3	0.3
124526	Drill Core	1.3	56.1	0.3
124527	Drill Core	1.3	49.9	0.3
124528	Drill Core	1.4	55.2	0.3
124529	Drill Core	0.6	81.9	0.9
124530	Drill Core	0.4	66.6	0.9



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124531	Rock	0.50	<0.005	0.2	9.1	0.1	<1	<0.1	0.6	0.2	42	0.08	7	1.2	<0.1	<0.1	3489	<0.1	<0.1	<0.1
124532	Drill Core	6.64	0.020	1.3	488.2	292.0	951	4.6	9.8	10.1	3680	3.60	74	1.8	<0.1	5.5	526	5.6	38.7	0.4
124533	Drill Core	4.63	0.114	16.3	4081	20.0	104	2.0	9.5	15.6	711	4.86	16	0.6	0.1	5.3	299	0.3	1.6	0.3
124534	Drill Core	4.73	0.060	3.4	1976	23.2	165	2.0	11.2	14.2	6282	4.17	144	0.9	<0.1	6.4	313	0.4	15.0	0.3
124535	Drill Core	3.28	0.067	3.4	2033	20.7	180	1.8	12.6	13.3	6509	3.98	161	1.0	0.1	6.0	271	0.3	17.0	0.3
124536	Drill Core	5.38	0.101	6.5	3376	179.8	368	12.1	16.7	15.7	>10000	5.06	164	0.6	1.4	3.9	548	2.6	160.5	0.5
124537	Drill Core	5.39	0.130	33.0	4367	620.3	1192	20.2	22.4	12.9	9294	3.65	189	0.7	0.1	4.6	497	6.4	110.9	0.3
124538	Drill Core	5.21	0.046	56.3	1885	31.0	95	1.2	17.0	12.8	1636	3.17	18	1.3	<0.1	5.0	268	0.2	4.5	0.6
124539	Drill Core	4.68	0.049	10.0	1910	16.8	74	1.1	19.2	43.7	833	3.82	18	2.1	<0.1	5.2	218	0.2	4.6	1.0
124540	Drill Core	5.75	0.050	13.2	1863	12.7	69	0.8	11.7	19.9	521	3.12	128	1.8	<0.1	5.6	325	0.1	12.8	0.8
124541	Drill Core	5.25	0.043	20.4	2038	12.5	113	1.1	12.8	19.7	738	3.24	365	1.6	<0.1	5.0	482	0.2	59.8	0.9
124542	Drill Core	5.62	0.063	30.5	2179	13.7	83	1.1	12.5	16.8	594	3.05	284	1.6	<0.1	4.9	506	0.2	26.2	1.1
124543	Drill Core	2.09	0.083	25.9	3195	11.2	48	1.1	14.4	12.1	486	3.02	67	1.2	<0.1	5.5	248	<0.1	2.8	0.8
124544	Drill Core	5.23	0.009	17.4	252.9	15.7	66	0.2	20.8	15.5	662	3.52	14	1.9	<0.1	5.2	349	<0.1	0.8	0.2
124545	Drill Core	5.15	<0.005	11.1	142.8	8.9	55	0.1	20.2	16.0	743	3.95	7	1.8	<0.1	5.4	1027	0.1	0.4	0.2
124546	Rock Pulp	0.07	0.815	22.4	4976	6062	>10000	69.5	45.4	19.3	599	8.99	459	2.1	1.0	2.3	177	216.9	121.4	30.6
124547	Drill Core	4.84	0.022	7.8	217.1	29.0	388	0.4	19.5	13.1	1169	3.71	11	1.5	<0.1	5.0	1389	2.2	1.1	0.3
124548	Drill Core	5.28	0.054	54.1	2257	35.2	72	6.1	17.1	12.6	904	3.15	21	1.3	<0.1	4.8	2176	0.2	0.6	0.3
124549	Drill Core	5.08	0.053	35.6	1562	16.4	79	0.7	19.6	12.7	699	3.35	11	1.6	<0.1	4.9	649	0.3	0.4	0.3
124550	Drill Core	5.97	0.097	57.7	3287	14.1	46	1.2	32.7	13.0	367	2.29	7	0.9	<0.1	4.6	344	<0.1	0.2	0.2
124551	Drill Core	5.10	0.082	46.7	2493	19.1	58	1.0	29.0	8.9	589	1.94	6	1.0	<0.1	4.5	311	0.2	0.3	0.2
124552	Rock	0.57	<0.005	0.6	7.0	0.2	<1	<0.1	<0.1	<0.2	26	0.07	<1	1.3	<0.1	<0.1	4479	<0.1	<0.1	<0.1
124553	Drill Core	4.52	0.116	67.4	4094	31.2	84	1.8	33.9	10.4	545	2.06	6	0.9	0.1	6.2	365	0.3	0.5	0.3
124554	Drill Core	5.60	0.074	22.3	2182	14.2	44	1.0	16.9	9.9	460	2.95	3	1.3	<0.1	5.8	899	<0.1	0.3	0.4
124555	Drill Core	4.14	0.052	3.5	1279	27.2	86	0.7	12.0	14.0	760	3.39	20	1.5	<0.1	5.7	930	0.4	0.6	0.2
124556	Drill Core	5.23	0.064	3.9	1656	34.4	117	1.0	13.8	18.6	857	3.92	3	1.6	<0.1	4.9	592	0.4	0.5	0.5
124557	Drill Core	3.46	0.067	5.0	1905	19.7	67	1.0	14.7	18.9	759	4.08	3	1.8	<0.1	5.3	623	0.1	0.4	0.6
124558	Drill Core	5.89	0.068	3.3	1867	30.5	96	1.4	14.0	18.9	955	4.08	8	1.6	<0.1	4.9	1135	0.3	0.7	0.5
124559	Drill Core	4.72	0.012	2.0	337.1	13.0	60	0.3	16.5	12.7	893	3.87	7	1.8	<0.1	5.3	365	<0.1	1.2	0.2
124560	Drill Core	5.75	0.010	3.1	384.7	16.7	73	0.4	15.3	11.3	1116	4.01	16	1.3	<0.1	4.3	462	<0.1	0.8	0.3



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124531	Rock	37.86	0.003	<0.1	<1	1.65	7	0.001	<0.01	0.007	<0.01	<0.1	0.2	<1	<0.1	0.2	0.1	<0.1	<1	<1
124532	Drill Core	2.29	0.107	17.3	8	0.94	322	0.255	7.42	1.076	2.93	2.1	18.7	35	0.9	11.1	5.6	0.4	1	6
124533	Drill Core	1.90	0.144	13.5	8	0.87	135	0.256	6.55	1.198	2.91	0.6	7.9	31	0.9	14.6	6.4	0.5	<1	5
124534	Drill Core	1.85	0.125	16.2	9	0.92	785	0.295	7.51	0.237	3.40	2.1	10.7	32	0.8	13.1	7.2	0.5	1	7
124535	Drill Core	1.79	0.119	16.1	12	0.91	548	0.278	7.39	0.183	3.46	2.2	10.0	33	0.7	12.6	6.8	0.4	1	6
124536	Drill Core	1.41	0.090	10.8	16	0.85	148	0.250	6.44	0.025	2.54	3.5	8.1	23	0.9	9.9	5.2	0.3	2	7
124537	Drill Core	2.36	0.085	15.4	36	1.00	238	0.298	6.40	0.020	2.02	2.9	15.8	32	0.9	11.1	6.7	0.4	1	9
124538	Drill Core	4.04	0.131	25.6	14	1.43	560	0.322	6.70	0.097	2.32	2.3	28.8	47	0.8	13.8	6.3	0.4	1	7
124539	Drill Core	4.30	0.134	20.7	23	1.35	167	0.324	7.33	0.429	2.47	3.5	39.0	40	1.5	13.8	6.4	0.4	2	8
124540	Drill Core	3.95	0.112	23.5	12	1.11	533	0.262	7.08	0.139	2.55	2.3	23.3	44	0.9	12.9	6.8	0.4	1	7
124541	Drill Core	3.48	0.110	18.8	13	1.22	133	0.264	6.50	0.293	1.94	1.1	22.5	36	0.8	11.2	6.0	0.4	1	6
124542	Drill Core	3.20	0.111	19.3	12	1.22	158	0.248	6.75	0.057	2.24	1.9	19.7	36	1.0	10.8	5.9	0.4	1	6
124543	Drill Core	3.23	0.120	17.9	14	1.19	195	0.292	7.44	0.129	2.51	0.8	17.4	36	0.8	13.8	6.9	0.5	1	7
124544	Drill Core	3.72	0.166	21.5	25	0.97	1232	0.428	7.54	0.507	2.47	1.3	41.3	42	0.7	13.0	8.6	0.6	1	9
124545	Drill Core	2.78	0.177	23.3	25	1.45	1201	0.433	7.85	3.082	2.36	0.6	39.2	46	0.7	13.9	8.7	0.6	<1	9
124546	Rock Pulp	1.71	0.048	12.8	28	0.86	253	0.204	3.58	1.190	0.68	1.2	38.3	25	50.9	13.2	4.4	0.2	<1	7
124547	Drill Core	3.34	0.168	19.7	22	1.29	1253	0.398	7.41	1.992	2.34	1.2	39.0	38	0.7	12.7	8.2	0.6	1	8
124548	Drill Core	3.21	0.136	21.1	20	1.18	394	0.349	7.15	2.512	2.54	1.0	29.4	41	0.7	13.6	7.7	0.5	1	8
124549	Drill Core	2.84	0.129	20.7	30	1.23	329	0.382	7.12	2.686	2.51	1.2	42.1	39	0.8	13.5	8.0	0.5	1	9
124550	Drill Core	1.61	0.056	19.8	56	1.14	385	0.369	6.91	2.741	3.03	0.9	9.9	35	0.8	11.7	6.9	0.4	2	13
124551	Drill Core	1.37	0.059	16.5	59	1.10	538	0.382	6.82	3.029	2.56	0.7	8.6	31	0.8	10.8	6.7	0.4	1	14
124552	Rock	37.04	0.004	0.2	<1	1.67	5	0.001	<0.01	0.006	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
124553	Drill Core	1.56	0.073	23.5	65	1.10	686	0.337	7.18	2.801	2.91	1.2	12.4	43	0.9	14.6	6.4	0.4	1	13
124554	Drill Core	1.88	0.101	17.9	31	1.05	856	0.337	7.26	2.877	2.86	0.6	19.8	34	0.7	12.5	7.9	0.5	2	8
124555	Drill Core	2.37	0.127	18.6	11	0.91	1107	0.316	7.48	2.419	2.68	1.5	25.2	36	0.8	12.6	7.9	0.5	2	7
124556	Drill Core	2.39	0.140	16.5	21	1.21	132	0.330	7.25	2.583	2.41	1.6	29.7	33	0.5	11.7	7.2	0.5	1	7
124557	Drill Core	2.26	0.136	18.2	18	1.22	145	0.356	7.28	2.550	2.58	2.0	29.8	34	0.6	12.3	7.4	0.5	<1	7
124558	Drill Core	2.69	0.138	18.7	21	1.18	193	0.337	7.01	2.438	2.55	1.2	28.5	36	0.6	12.4	7.3	0.5	1	7
124559	Drill Core	3.75	0.162	21.4	23	1.20	1008	0.381	7.59	1.331	2.52	1.2	35.7	40	0.6	12.8	7.8	0.5	1	8
124560	Drill Core	2.93	0.135	16.4	18	1.15	914	0.312	6.86	2.461	2.41	0.7	33.3	33	1.3	11.3	6.2	0.4	<1	7



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124531	Rock	<0.1	0.3	<0.1
124532	Drill Core	0.8	104.3	0.8
124533	Drill Core	1.3	91.5	0.3
124534	Drill Core	0.6	123.2	0.4
124535	Drill Core	0.6	125.9	0.4
124536	Drill Core	1.3	130.9	0.3
124537	Drill Core	0.9	105.4	0.5
124538	Drill Core	0.6	76.1	1.0
124539	Drill Core	1.7	82.8	1.2
124540	Drill Core	1.2	75.4	0.8
124541	Drill Core	1.3	58.0	0.8
124542	Drill Core	1.5	71.4	0.7
124543	Drill Core	1.0	58.6	0.6
124544	Drill Core	0.3	61.4	1.4
124545	Drill Core	0.3	63.5	1.4
124546	Rock Pulp	9.5	20.8	1.6
124547	Drill Core	0.3	65.4	1.4
124548	Drill Core	0.8	66.5	0.9
124549	Drill Core	0.9	65.3	1.0
124550	Drill Core	0.8	73.6	0.3
124551	Drill Core	0.5	64.1	0.3
124552	Rock	<0.1	<0.1	<0.1
124553	Drill Core	0.5	76.9	0.3
124554	Drill Core	0.6	72.0	0.7
124555	Drill Core	0.5	75.1	0.9
124556	Drill Core	1.4	73.0	1.0
124557	Drill Core	1.4	77.0	0.9
124558	Drill Core	1.2	77.9	0.8
124559	Drill Core	0.2	69.4	1.3
124560	Drill Core	0.2	72.8	1.1



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Poplar Drilling

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November 09, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124561	Drill Core	2.10	0.034	3.7	461.2	38.5	86	0.8	13.6	10.4	1905	3.91	14	1.5	<0.1	4.5	306	0.1	0.9	0.2
124562	Drill Core	3.52	0.024	3.4	509.3	15.3	73	0.4	11.5	9.6	824	3.85	16	1.2	<0.1	4.3	244	<0.1	0.8	0.2
124563	Drill Core	5.57	0.018	3.3	559.6	19.2	89	0.7	13.0	8.9	1532	4.36	16	1.5	<0.1	4.6	247	0.1	1.1	0.2
124564	Drill Core	5.62	0.012	3.2	650.7	21.9	88	0.8	12.8	12.8	952	4.38	15	1.7	<0.1	4.0	622	0.2	1.0	0.2
124565	Drill Core	5.59	0.019	3.0	523.8	25.5	129	0.4	13.6	10.0	1429	4.30	14	1.7	<0.1	4.6	261	0.3	1.1	0.1
124566	Drill Core	5.17	0.028	4.8	513.7	1959	1370	3.0	13.1	8.5	3470	4.40	84	2.2	<0.1	5.3	404	8.2	8.0	0.2
124567	Rock Pulp	0.10	0.447	136.7	3378	25.5	64	2.4	39.9	20.5	477	4.57	45	1.1	0.6	2.4	270	0.3	4.5	0.4
124568	Drill Core	5.17	0.012	2.3	469.6	29.1	131	0.4	12.1	7.0	1168	4.40	4	1.1	<0.1	5.3	428	0.5	1.2	0.2
124569	Drill Core	5.83	0.028	3.8	635.2	26.3	164	1.0	13.5	8.4	2395	4.77	6	2.1	<0.1	6.8	320	0.4	1.9	0.7
124570	Drill Core	5.71	0.038	4.0	573.5	16.6	155	0.9	12.8	9.8	1784	4.77	7	2.6	<0.1	6.3	403	0.3	2.0	0.5
124571	Rock	0.48	<0.005	0.4	1.6	0.2	<1	<0.1	0.8	<0.2	32	0.06	3	1.5	<0.1	<0.1	5063	<0.1	<0.1	0.1
124572	Drill Core	6.02	0.054	3.5	860.8	87.3	268	8.5	12.0	6.0	6797	4.73	94	2.4	<0.1	6.3	306	1.2	41.2	0.4
124573	Drill Core	5.86	0.040	3.2	654.9	17.9	231	1.7	13.0	4.9	6193	4.75	90	2.5	<0.1	6.5	302	0.9	14.0	0.3
124574	Drill Core	4.13	0.032	5.3	589.2	14.8	195	3.1	13.9	8.2	6709	5.42	26	2.7	0.2	6.6	310	0.4	9.4	0.4
124575	Drill Core	3.88	0.017	4.1	488.5	15.0	189	1.9	12.0	5.9	6874	4.98	26	2.8	0.1	6.5	322	0.5	9.7	0.3
124576	Drill Core	5.79	0.032	4.6	455.3	12.7	175	0.8	13.4	9.3	5448	5.09	8	1.6	<0.1	5.9	377	0.4	4.8	0.3
124577	Drill Core	5.70	0.024	3.7	603.9	44.6	232	1.5	13.0	6.8	>10000	5.26	88	2.9	<0.1	5.9	216	0.6	15.2	0.5
124578	Drill Core	5.42	0.014	4.7	486.0	14.9	159	1.1	13.9	10.0	3737	4.98	11	1.5	<0.1	6.7	268	0.4	4.1	0.3
124579	Drill Core	5.21	0.033	6.3	443.8	31.2	205	1.9	20.3	126.4	9288	5.77	67	2.9	<0.1	5.6	250	0.6	8.9	0.6
124580	Drill Core	4.58	0.016	4.1	624.6	32.9	191	1.8	11.8	6.8	>10000	5.72	86	2.4	<0.1	6.0	337	0.6	12.1	0.4
124581	Drill Core	5.82	0.009	3.1	266.3	27.4	140	1.3	14.6	21.5	5083	4.92	62	4.5	<0.1	5.6	261	0.4	6.1	0.9
124582	Drill Core	5.17	0.023	8.2	692.3	18.6	148	1.3	15.8	8.7	1777	4.87	39	2.6	<0.1	5.8	259	0.4	2.3	0.8
124583	Drill Core	5.48	0.127	6.9	734.2	204.8	234	6.6	15.5	17.8	1997	4.87	218	14.8	<0.1	5.9	241	1.3	7.4	2.3
124584	Drill Core	5.04	0.069	4.9	1100	11.0	150	3.5	13.3	6.7	2203	4.87	77	3.1	<0.1	6.6	281	0.4	2.4	0.6
124585	Drill Core	5.37	0.013	3.7	605.5	10.8	143	1.0	10.8	5.1	2010	4.53	9	1.6	<0.1	6.1	265	0.4	1.8	0.5
124586	Drill Core	4.87	0.027	9.4	660.2	14.1	131	0.5	14.0	4.7	1215	5.16	21	2.3	<0.1	5.6	386	0.4	1.8	0.5
124587	Drill Core	5.59	0.021	7.5	746.9	15.5	125	0.7	12.8	4.4	1145	4.99	7	1.5	<0.1	5.7	407	0.4	1.3	0.8
124588	Drill Core	5.31	0.017	5.7	703.4	14.1	115	0.6	13.1	3.9	1180	4.85	6	1.7	<0.1	5.8	299	0.3	1.3	0.6
124589	Rock Pulp	0.10	1.023	348.9	3359	26.3	65	1.8	34.0	10.0	573	3.68	12	0.9	0.8	2.3	235	0.1	5.0	0.6
124590	Drill Core	5.50	0.029	7.6	944.4	118.6	285	2.5	13.5	4.1	4429	4.90	119	2.4	<0.1	6.0	389	1.0	5.2	1.4



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124561	Drill Core	2.79	0.127	17.5	13	0.99	997	0.297	7.29	1.886	2.53	1.3	32.9	34	1.5	11.6	6.2	0.4	1	7
124562	Drill Core	3.48	0.123	17.8	13	1.09	698	0.280	6.77	1.473	2.48	1.7	29.9	33	1.2	11.2	5.6	0.4	1	7
124563	Drill Core	2.39	0.131	18.3	14	1.09	708	0.283	7.15	1.792	2.65	3.5	30.1	34	1.7	9.7	5.9	0.4	<1	7
124564	Drill Core	2.71	0.149	19.5	15	1.24	668	0.352	6.90	1.002	2.63	3.5	41.1	36	1.5	9.8	6.4	0.4	1	8
124565	Drill Core	2.39	0.120	18.7	13	1.12	772	0.257	7.08	1.446	2.68	3.2	29.2	34	1.5	10.0	5.7	0.4	<1	7
124566	Drill Core	2.54	0.126	23.2	12	1.27	795	0.276	7.18	0.489	2.82	3.8	30.4	41	2.0	11.2	6.0	0.4	1	7
124567	Rock Pulp	0.40	0.108	17.2	61	1.01	108	0.310	7.20	1.426	5.66	13.5	26.5	31	2.3	13.0	2.7	0.2	1	16
124568	Drill Core	3.00	0.127	24.4	13	1.32	890	0.273	7.08	0.199	3.26	4.4	29.9	43	1.9	10.9	5.8	0.4	1	7
124569	Drill Core	2.64	0.130	24.0	16	1.28	927	0.243	7.61	0.040	1.86	5.5	30.7	41	1.9	10.6	5.9	0.4	<1	7
124570	Drill Core	2.70	0.129	21.0	18	1.32	1006	0.258	7.80	0.036	1.93	5.9	29.8	40	1.7	8.7	5.9	0.4	1	7
124571	Rock	39.87	0.004	1.6	<1	1.62	10	0.002	0.07	0.002	0.01	<0.1	0.4	1	<0.1	0.6	0.1	<0.1	<1	<1
124572	Drill Core	2.37	0.119	24.0	18	1.18	991	0.244	7.31	0.032	1.70	6.9	28.8	45	1.5	9.2	5.5	0.4	1	7
124573	Drill Core	2.74	0.118	23.8	17	1.25	824	0.242	7.40	0.039	1.69	3.1	27.6	45	1.8	9.7	5.9	0.3	<1	7
124574	Drill Core	2.15	0.132	20.5	19	1.18	809	0.251	7.58	0.035	1.63	3.9	27.9	38	1.8	10.0	5.8	0.4	<1	8
124575	Drill Core	2.17	0.132	21.3	17	1.14	1012	0.243	7.43	0.034	1.67	3.9	27.6	42	1.8	9.6	5.5	0.4	1	7
124576	Drill Core	2.34	0.125	18.6	17	1.22	919	0.245	7.39	0.038	2.22	3.9	27.5	38	1.6	10.0	5.4	0.4	1	7
124577	Drill Core	1.70	0.128	18.7	17	1.00	896	0.244	7.19	0.033	1.58	5.0	27.5	39	1.7	10.4	5.7	0.4	<1	7
124578	Drill Core	2.86	0.143	21.1	16	1.27	864	0.277	7.73	0.043	1.94	5.1	28.9	41	1.6	11.8	6.4	0.4	1	8
124579	Drill Core	1.97	0.122	16.8	17	1.06	593	0.255	7.24	0.053	3.47	8.5	26.8	35	1.3	9.3	5.7	0.4	1	7
124580	Drill Core	1.11	0.128	16.4	18	0.91	924	0.244	7.06	0.033	2.58	11.3	25.6	33	1.4	8.4	5.3	0.4	<1	7
124581	Drill Core	2.20	0.123	13.6	16	1.09	878	0.259	7.22	0.039	3.18	11.3	26.2	28	1.4	8.3	5.4	0.4	1	7
124582	Drill Core	2.92	0.135	17.4	20	1.29	1050	0.275	8.07	0.060	3.76	2.6	28.1	36	1.4	9.1	6.2	0.4	1	7
124583	Drill Core	2.39	0.115	15.2	15	1.14	582	0.254	7.18	0.039	3.32	4.1	26.8	29	1.6	8.3	5.5	0.4	1	7
124584	Drill Core	2.52	0.135	20.7	17	1.23	964	0.256	7.99	0.049	2.27	4.3	26.9	40	1.6	8.9	5.9	0.5	1	8
124585	Drill Core	2.51	0.126	22.3	16	1.23	866	0.252	7.94	0.047	1.72	3.0	26.1	43	1.5	8.3	5.7	0.4	1	7
124586	Drill Core	2.37	0.124	22.1	18	1.23	963	0.256	7.36	0.629	1.87	1.8	25.8	44	2.0	9.0	5.9	0.4	1	7
124587	Drill Core	2.33	0.126	16.3	19	1.26	1011	0.267	7.33	0.992	1.71	4.9	25.4	34	1.5	9.1	6.2	0.4	<1	7
124588	Drill Core	2.24	0.130	18.7	17	1.20	991	0.253	7.36	1.143	1.79	4.3	25.0	39	1.8	9.9	5.7	0.4	1	7
124589	Rock Pulp	1.53	0.056	9.1	38	0.81	527	0.284	4.94	2.150	0.91	1.5	39.2	18	2.3	12.1	3.7	0.2	<1	10
124590	Drill Core	2.13	0.127	18.4	17	1.09	968	0.269	7.59	0.222	2.12	1.8	25.1	38	2.1	10.5	5.9	0.4	1	7



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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124561	Drill Core	0.2	88.5	1.3
124562	Drill Core	<0.1	80.2	1.1
124563	Drill Core	<0.1	95.3	1.1
124564	Drill Core	0.1	90.2	1.3
124565	Drill Core	0.1	98.0	1.0
124566	Drill Core	0.2	123.7	1.2
124567	Rock Pulp	2.1	135.3	0.8
124568	Drill Core	<0.1	136.7	1.2
124569	Drill Core	0.1	114.9	1.2
124570	Drill Core	0.2	112.2	1.1
124571	Rock	<0.1	1.8	<0.1
124572	Drill Core	0.2	126.7	1.1
124573	Drill Core	<0.1	126.6	1.1
124574	Drill Core	0.1	122.5	1.1
124575	Drill Core	<0.1	102.4	1.1
124576	Drill Core	0.1	118.0	1.1
124577	Drill Core	0.2	89.2	0.9
124578	Drill Core	0.2	125.1	1.2
124579	Drill Core	1.1	180.7	1.1
124580	Drill Core	0.2	157.6	1.0
124581	Drill Core	0.8	161.9	1.1
124582	Drill Core	0.2	153.8	1.1
124583	Drill Core	0.9	182.4	1.1
124584	Drill Core	0.1	131.8	1.1
124585	Drill Core	<0.1	100.8	1.1
124586	Drill Core	0.1	87.6	1.1
124587	Drill Core	0.1	78.6	1.0
124588	Drill Core	0.1	83.6	1.0
124589	Rock Pulp	0.4	28.5	1.1
124590	Drill Core	0.2	96.1	1.0



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124591	Drill Core	4.15	0.037	4.9	1156	79.4	1195	2.8	13.2	6.4	3594	4.99	201	2.1	<0.1	6.3	715	7.3	15.7	0.9
124592	Drill Core	4.54	0.039	3.4	1575	16.4	137	2.2	21.5	7.8	1694	5.23	116	2.0	<0.1	6.6	362	0.3	2.5	2.0
124593	Rock	0.63	<0.005	0.2	3.2	0.4	5	<0.1	1.8	<0.2	37	0.06	<1	1.7	<0.1	<0.1	4481	<0.1	<0.1	<0.1
124594	Drill Core	5.39	0.054	2.1	1810	17.1	168	6.1	10.6	4.5	2884	4.71	329	3.2	<0.1	6.3	211	0.4	12.8	1.9
124595	Drill Core	5.64	0.031	4.8	1045	17.1	175	2.8	12.8	6.0	6786	5.21	176	2.3	<0.1	6.3	407	0.4	8.8	1.3
124596	Drill Core	4.80	0.045	4.5	1105	28.2	217	3.4	13.7	6.4	>10000	5.24	179	3.6	<0.1	6.6	234	0.9	34.3	1.0
124597	Drill Core	3.37	0.043	6.6	1289	49.0	230	4.4	14.6	8.8	>10000	5.28	186	3.8	0.2	6.6	150	0.7	30.5	1.0
124598	Drill Core	5.85	0.029	6.5	978.4	15.0	171	2.7	13.6	8.6	>10000	4.87	88	2.9	<0.1	7.0	261	0.4	9.8	0.6
124599	Drill Core	6.17	0.015	5.1	760.4	18.0	178	2.5	13.7	9.7	7955	4.97	97	2.5	<0.1	6.7	304	0.4	12.8	0.5
124600	Drill Core	5.04	0.031	3.0	1000	15.0	124	1.3	13.5	6.5	4251	5.24	61	3.5	<0.1	5.9	243	0.2	3.7	0.3
124601	Drill Core	5.41	0.040	5.0	1183	20.6	140	1.5	11.6	8.7	1468	4.95	126	4.0	<0.1	6.6	334	0.5	7.1	0.3
124602	Drill Core	5.35	0.026	2.2	876.9	11.8	96	1.8	11.8	6.8	972	4.42	18	1.8	<0.1	5.4	275	0.2	1.8	0.4
124603	Drill Core	5.87	0.011	1.6	522.2	11.1	99	0.6	13.3	7.6	895	4.41	4	1.7	<0.1	5.2	261	0.2	1.6	0.2
124604	Drill Core	6.09	0.040	2.1	767.1	411.4	456	1.8	12.4	8.5	2317	4.50	92	3.9	<0.1	6.8	378	3.2	10.3	0.6
124605	Drill Core	7.03	0.021	0.4	361.8	14.3	124	0.8	11.2	14.9	2279	4.63	38	1.8	<0.1	6.3	241	0.5	3.2	0.6
124606	Rock Pulp	0.11	0.895	152.6	3459	59.7	144	3.7	30.6	23.2	564	5.17	75	1.7	0.9	3.2	265	0.7	8.6	0.8
124607	Drill Core	6.38	0.023	2.7	319.4	15.0	116	0.4	13.5	19.8	2229	4.44	43	1.9	<0.1	6.1	335	0.3	2.4	0.5
124608	Drill Core	6.07	0.048	2.1	595.2	15.9	122	0.7	15.1	34.2	1340	4.80	15	4.3	<0.1	6.3	328	0.3	1.9	0.5
124609	Drill Core	5.67	0.031	2.7	551.3	16.6	110	1.2	11.2	10.6	992	4.62	6	1.8	<0.1	6.0	363	0.2	1.6	0.4
124610	Drill Core	6.79	0.038	6.8	931.7	151.0	254	2.4	13.1	19.4	1828	4.64	103	15.1	<0.1	6.6	280	1.5	11.3	0.7
124611	Drill Core	6.25	0.028	4.5	707.7	8.7	138	0.7	14.3	20.6	1555	4.49	52	2.7	<0.1	5.9	253	0.4	2.8	0.4
124612	Drill Core	6.27	0.051	5.0	580.1	122.4	230	6.4	15.5	37.7	2105	4.42	129	8.7	<0.1	6.6	280	0.9	22.3	1.4
124613	Drill Core	0.50	<0.005	<0.1	6.9	1.3	2	<0.1	0.7	<0.2	39	0.05	<1	1.6	<0.1	<0.1	3762	<0.1	<0.1	<0.1
124614	Drill Core	5.88	<0.005	1.6	6.6	83.9	206	1.2	1.1	1.4	760	0.64	11	15.4	<0.1	22.1	97	0.9	1.3	0.7
124615	Drill Core	5.61	<0.005	0.4	2.1	259.5	103	1.1	0.5	0.5	470	0.54	9	12.9	<0.1	17.2	138	0.2	0.7	0.2
124616	Drill Core	6.03	<0.005	0.1	1.8	60.8	106	0.1	0.4	0.5	592	0.62	9	7.7	<0.1	17.4	148	0.1	0.5	0.3
124617	Drill Core	3.49	<0.005	<0.1	1.5	33.3	102	0.1	0.5	0.5	531	0.57	9	7.5	<0.1	17.3	145	<0.1	0.5	0.2
124618	Drill Core	5.21	<0.005	0.2	3.7	119.9	117	3.8	0.6	0.6	801	0.67	11	10.9	<0.1	17.2	154	0.2	0.7	0.3
124619	Drill Core	4.39	<0.005	0.2	1.9	31.2	110	0.9	0.6	0.5	494	0.48	7	11.7	<0.1	18.9	148	<0.1	0.6	0.2
124620	Drill Core	5.85	<0.005	0.4	1.4	155.5	151	1.0	1.5	0.5	443	0.62	8	9.9	<0.1	21.7	143	0.4	0.8	1.8



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124591	Drill Core	2.38	0.136	19.0	17	1.20	1315	0.247	7.80	0.041	2.59	0.8	26.5	38	1.6	9.1	5.8	0.4	1	8
124592	Drill Core	2.55	0.127	22.0	17	1.26	921	0.250	7.42	0.063	3.46	0.5	25.6	42	1.5	9.0	5.8	0.4	1	7
124593	Rock	35.94	0.004	1.3	<1	1.67	14	0.002	0.08	0.002	<0.01	<0.1	0.3	1	<0.1	0.5	0.2	<0.1	<1	<1
124594	Drill Core	2.44	0.123	16.0	16	1.25	833	0.246	7.07	0.037	1.82	1.4	23.6	30	1.7	9.4	5.5	0.4	1	7
124595	Drill Core	2.19	0.136	20.3	16	1.15	831	0.249	7.38	0.035	1.61	1.5	24.6	39	1.8	10.0	5.5	0.4	1	7
124596	Drill Core	1.29	0.127	21.4	18	0.91	1446	0.247	7.38	0.032	2.49	2.2	26.2	42	2.0	10.9	5.8	0.4	<1	8
124597	Drill Core	1.04	0.121	22.6	17	0.84	1122	0.257	6.84	0.032	2.25	2.4	25.5	45	2.0	11.1	5.5	0.4	1	7
124598	Drill Core	1.99	0.127	24.8	18	0.96	815	0.279	7.52	0.031	1.65	2.5	28.8	47	1.7	10.5	6.5	0.4	1	8
124599	Drill Core	2.33	0.130	19.3	16	1.14	1054	0.263	7.85	0.033	2.22	2.3	26.8	37	1.7	9.2	5.8	0.4	1	8
124600	Drill Core	2.28	0.130	18.2	16	1.18	1054	0.252	7.10	0.397	2.58	0.7	25.9	37	1.5	9.8	5.6	0.4	1	7
124601	Drill Core	2.44	0.135	20.0	16	1.25	1237	0.263	7.67	0.061	1.84	0.9	25.7	39	1.3	9.4	6.0	0.4	<1	7
124602	Drill Core	2.25	0.118	14.7	16	1.20	1227	0.258	7.07	0.565	1.57	0.7	25.4	28	1.2	8.3	6.2	0.4	1	7
124603	Drill Core	2.66	0.126	13.1	16	1.26	1260	0.246	7.48	0.149	1.94	0.3	26.1	27	1.5	7.8	6.0	0.4	1	7
124604	Drill Core	2.45	0.121	18.6	12	1.20	1315	0.251	7.43	0.040	3.45	0.8	25.3	26	1.4	9.2	5.5	0.4	<1	7
124605	Drill Core	2.44	0.116	15.6	13	1.22	861	0.236	7.24	0.046	3.29	1.3	25.1	27	1.1	8.8	5.2	0.3	1	7
124606	Rock Pulp	0.44	0.124	15.9	50	0.87	85	0.289	10.05	1.314	5.69	30.6	25.1	33	3.8	15.3	3.6	0.2	1	16
124607	Drill Core	2.31	0.122	17.2	13	1.18	1001	0.240	7.55	0.049	3.34	1.5	25.4	31	1.2	9.6	5.3	0.4	2	7
124608	Drill Core	2.45	0.128	17.1	13	1.22	1229	0.243	7.45	0.283	3.49	0.8	27.3	30	0.9	8.6	5.1	0.3	1	7
124609	Drill Core	2.57	0.129	15.7	14	1.22	1292	0.246	7.45	0.154	3.34	0.9	25.2	28	0.9	8.5	5.0	0.3	1	7
124610	Drill Core	2.50	0.126	20.0	13	1.25	918	0.225	7.45	0.050	3.60	2.0	27.6	36	1.3	10.9	5.1	0.3	1	7
124611	Drill Core	2.52	0.123	15.7	13	1.25	1257	0.226	7.32	0.185	3.44	1.6	27.3	29	1.5	8.8	5.0	0.3	1	7
124612	Drill Core	2.65	0.134	22.3	13	1.20	1074	0.193	7.56	0.148	3.65	3.6	26.3	41	1.6	9.0	4.6	0.3	<1	7
124613	Drill Core	36.03	0.004	1.1	<1	1.67	13	0.003	0.07	0.002	0.02	<0.1	0.1	1	0.2	0.5	<0.1	<0.1	<1	<1
124614	Drill Core	1.10	0.018	11.4	<1	0.28	271	0.053	8.65	0.036	2.87	1.7	57.7	22	0.8	9.1	16.6	1.6	2	1
124615	Drill Core	1.05	0.014	8.8	<1	0.17	146	0.041	6.15	0.036	2.97	1.2	48.5	17	0.8	7.5	13.4	1.4	2	<1
124616	Drill Core	1.03	0.014	9.9	<1	0.22	186	0.040	6.54	0.045	3.48	1.2	47.1	19	0.7	7.3	12.9	1.3	2	1
124617	Drill Core	0.98	0.016	8.9	<1	0.20	181	0.042	6.37	0.044	3.71	1.1	47.9	18	0.6	7.2	13.3	1.3	1	<1
124618	Drill Core	1.47	0.015	9.1	<1	0.23	228	0.040	6.19	0.045	3.69	1.1	49.1	18	0.6	7.7	13.2	1.2	2	<1
124619	Drill Core	1.01	0.014	9.7	<1	0.15	222	0.043	6.51	0.056	3.23	1.1	52.2	19	0.7	8.0	14.6	1.4	2	1
124620	Drill Core	0.76	0.015	11.4	1	0.20	251	0.046	7.45	0.062	3.57	1.2	54.5	22	0.7	8.4	15.0	1.5	2	1



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Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000570.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124591	Drill Core	0.3	124.0	1.1
124592	Drill Core	0.7	162.8	1.0
124593	Rock	<0.1	1.1	<0.1
124594	Drill Core	0.2	108.6	1.0
124595	Drill Core	0.2	100.8	1.0
124596	Drill Core	0.3	142.3	1.1
124597	Drill Core	0.4	131.4	1.0
124598	Drill Core	0.2	107.7	1.2
124599	Drill Core	0.3	130.1	1.1
124600	Drill Core	0.2	118.6	1.1
124601	Drill Core	0.3	104.3	1.1
124602	Drill Core	0.2	73.9	1.1
124603	Drill Core	0.1	67.0	1.2
124604	Drill Core	0.2	170.3	1.1
124605	Drill Core	0.4	189.6	0.9
124606	Rock Pulp	2.8	232.9	0.9
124607	Drill Core	0.4	171.1	1.1
124608	Drill Core	0.6	173.4	1.1
124609	Drill Core	0.3	154.2	1.0
124610	Drill Core	0.8	204.9	1.2
124611	Drill Core	0.6	168.5	1.3
124612	Drill Core	0.6	193.3	1.0
124613	Drill Core	<0.1	2.7	<0.1
124614	Drill Core	<0.1	185.5	3.2
124615	Drill Core	<0.1	146.4	2.7
124616	Drill Core	<0.1	160.6	2.7
124617	Drill Core	<0.1	167.1	2.7
124618	Drill Core	<0.1	173.0	2.7
124619	Drill Core	<0.1	173.2	2.8
124620	Drill Core	<0.1	192.8	3.0



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124621	Drill Core	4.71	<0.005	1.5	2.1	176.7	180	0.3	0.4	1.0	897	0.62	4	11.4	<0.1	17.2	101	0.8	0.9	0.3
124622	Drill Core	5.15	0.011	19.3	675.8	233.3	431	2.7	18.2	43.9	1893	4.65	120	1.9	<0.1	6.0	239	1.8	13.9	1.2
124623	Drill Core	4.58	0.051	4.9	666.6	23.7	247	1.7	18.6	21.2	2056	4.74	60	3.1	<0.1	6.4	240	0.7	9.1	1.0
124624	Drill Core	5.20	0.014	0.3	373.1	13.5	174	0.6	14.6	13.9	1353	4.56	3	1.4	<0.1	6.1	258	0.5	2.7	0.6
124625	Rock Pulp	0.07	0.888	21.4	5072	6056	>10000	73.4	47.9	19.3	521	9.12	323	2.5	1.0	2.4	163	228.3	118.0	30.6
124626	Drill Core	6.07	0.015	0.8	367.1	28.5	233	0.8	13.6	27.3	1242	4.68	19	1.8	<0.1	5.8	263	0.9	5.4	0.4
124627	Drill Core	4.53	0.021	34.1	695.3	27.3	178	1.3	13.4	14.0	1391	4.11	75	7.1	<0.1	6.4	268	0.5	8.8	0.4
124628	Drill Core	3.53	0.020	20.4	429.4	16.5	143	0.6	11.0	8.9	869	3.70	17	3.9	<0.1	5.5	283	0.4	4.3	0.3
124629	Drill Core	5.21	0.005	0.7	11.9	32.0	142	0.2	10.8	10.1	759	2.85	8	3.1	<0.1	6.5	567	0.4	9.9	0.2
124630	Drill Core	5.23	<0.005	0.4	8.2	28.7	156	0.2	9.7	9.8	757	2.63	8	2.6	<0.1	6.8	526	0.4	16.0	0.2
124631	Rock	0.46	<0.005	0.2	1.4	0.2	4	0.1	0.8	0.4	36	0.20	<1	2.4	<0.1	0.2	4110	<0.1	<0.1	<0.1
124632	Drill Core	5.73	<0.005	0.6	6.9	34.5	133	<0.1	10.8	10.1	676	2.78	8	3.1	<0.1	6.5	580	0.4	9.1	0.2
124633	Drill Core	5.24	0.012	1.8	323.4	17.0	173	0.7	11.8	19.7	1008	4.55	13	1.7	<0.1	5.8	442	0.6	4.5	0.5
124634	Drill Core	5.19	0.021	1.6	647.4	14.0	157	1.9	15.3	28.3	1139	4.43	17	1.6	<0.1	6.2	306	0.4	3.8	0.7
124635	Drill Core	5.54	0.030	2.5	942.5	130.7	177	3.3	11.8	46.6	1857	4.74	79	19.5	<0.1	5.5	266	0.7	14.9	0.5
124636	Drill Core	5.06	0.032	19.1	868.9	9.0	151	1.2	14.8	13.7	1532	4.66	40	5.6	0.2	5.7	499	0.4	4.8	0.9
124637	Drill Core	5.18	0.036	12.2	1313	16.7	147	2.2	11.3	7.8	1558	4.05	136	3.4	<0.1	5.5	495	0.4	3.8	0.2
124638	Drill Core	3.51	0.048	12.2	1499	17.8	148	2.6	11.7	9.3	1594	4.09	130	4.2	<0.1	5.7	502	0.5	3.9	0.2
124639	Drill Core	5.66	0.056	11.3	1732	16.6	146	3.3	11.9	5.9	1277	4.53	85	4.1	<0.1	5.7	338	0.5	4.5	0.4
124640	Drill Core	4.19	0.048	31.5	2342	13.9	116	2.1	14.0	6.3	1016	4.47	72	2.6	<0.1	5.5	339	0.4	2.2	0.4
124641	Drill Core	6.37	0.061	21.7	2243	32.5	154	4.2	11.6	5.2	1502	4.17	172	1.8	0.2	5.0	351	0.3	3.9	0.4
124642	Drill Core	6.03	0.322	12.0	1447	177.2	194	3.4	13.9	11.2	4851	4.74	115	3.1	0.8	5.5	317	0.8	6.2	0.5
124643	Drill Core	5.84	0.068	11.3	1022	121.0	747	2.7	11.9	19.9	7791	4.62	167	2.5	<0.1	5.9	410	5.1	14.7	0.4
124644	Rock Pulp	0.10	0.478	146.6	3879	30.5	72	2.5	40.6	22.9	422	4.74	45	1.3	0.6	2.9	212	0.4	4.4	0.4
124645	Drill Core	5.53	0.015	6.9	654.6	12.3	207	0.8	12.2	5.7	2241	4.56	35	1.4	<0.1	5.3	245	0.5	13.2	0.2
124646	Drill Core	5.21	0.124	7.0	1045	395.4	277	5.1	14.3	43.5	3640	5.55	79	5.4	<0.1	6.3	210	1.1	20.9	1.0
124647	Drill Core	6.10	0.017	7.4	895.3	15.9	199	1.2	13.2	6.6	1781	5.13	46	2.0	<0.1	5.8	218	0.5	6.0	0.3
124648	Drill Core	5.71	0.249	7.7	1097	197.7	222	12.5	12.8	5.1	2106	5.20	80	6.8	0.2	6.1	190	1.1	10.1	1.9
124649	Drill Core	2.66	0.019	6.4	511.3	35.7	216	0.9	10.9	5.8	2376	4.60	50	2.8	<0.1	5.4	178	0.7	4.2	0.4



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Project: Poplar Drilling
Report Date: November 09, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124621	Drill Core	1.18	0.014	9.4	<1	0.22	404	0.040	6.37	0.056	3.37	1.6	46.3	18	0.6	7.7	12.8	1.3	1	<1
124622	Drill Core	2.69	0.132	22.0	14	1.20	1043	0.218	7.31	0.636	3.61	4.4	28.6	41	1.5	11.2	4.8	0.3	2	7
124623	Drill Core	2.37	0.119	23.2	12	1.16	1054	0.221	7.35	0.096	3.55	4.2	26.6	42	1.5	9.2	5.1	0.3	1	7
124624	Drill Core	2.38	0.126	16.2	13	1.22	1270	0.250	7.32	0.737	3.23	3.2	26.7	31	1.1	8.3	5.2	0.3	<1	7
124625	Rock Pulp	1.75	0.051	12.1	30	0.89	42	0.195	3.69	1.294	0.73	1.2	28.3	25	55.0	11.2	4.1	0.2	<1	8
124626	Drill Core	2.34	0.129	14.8	14	1.18	1299	0.240	7.52	0.812	3.49	2.6	26.3	27	1.1	7.9	5.2	0.3	1	7
124627	Drill Core	2.46	0.129	19.0	11	1.21	1242	0.240	7.75	0.188	3.42	2.2	26.9	36	1.4	9.2	5.7	0.4	1	7
124628	Drill Core	2.67	0.122	16.2	13	1.16	1354	0.216	6.95	0.760	3.05	1.1	28.9	34	0.9	9.2	5.3	0.4	1	7
124629	Drill Core	3.23	0.107	15.7	13	0.98	1406	0.330	6.60	0.585	3.49	1.2	97.4	34	0.7	9.2	8.0	0.6	1	6
124630	Drill Core	2.98	0.102	15.7	12	0.87	1121	0.302	7.02	0.712	3.55	0.9	91.7	33	0.6	8.7	7.9	0.5	<1	6
124631	Rock	37.05	0.007	1.1	<1	1.54	28	0.019	0.46	0.009	0.06	<0.1	3.4	2	<0.1	0.8	0.3	<0.1	<1	<1
124632	Drill Core	2.83	0.107	15.0	13	0.99	997	0.332	7.26	0.960	3.43	1.2	95.5	32	0.7	8.8	7.9	0.5	<1	6
124633	Drill Core	2.34	0.128	13.8	13	1.15	1370	0.204	7.48	1.489	3.16	1.2	28.4	27	1.1	7.4	4.5	0.3	1	7
124634	Drill Core	2.25	0.126	18.4	14	1.15	1276	0.214	7.58	1.326	3.37	1.6	26.5	36	1.1	8.7	4.8	0.3	1	8
124635	Drill Core	2.42	0.128	12.8	13	1.19	1160	0.214	6.96	0.858	3.34	2.4	25.6	25	1.4	8.7	4.8	0.3	1	7
124636	Drill Core	2.27	0.125	20.3	13	1.16	1122	0.226	6.96	1.068	3.06	2.2	26.3	39	1.3	8.8	4.8	0.3	1	7
124637	Drill Core	2.43	0.126	15.8	13	1.13	1242	0.225	6.82	1.050	2.86	1.1	26.3	31	1.1	9.4	5.0	0.3	<1	6
124638	Drill Core	2.43	0.123	17.4	12	1.16	1314	0.235	6.85	1.076	3.19	1.2	26.8	34	1.0	10.2	5.3	0.3	<1	6
124639	Drill Core	2.26	0.126	20.8	16	1.24	1022	0.248	7.24	1.025	3.42	1.7	28.5	37	1.4	10.0	5.6	0.4	<1	7
124640	Drill Core	2.28	0.133	21.9	17	1.23	1221	0.297	7.16	1.404	3.29	1.9	29.5	40	1.5	11.0	5.7	0.4	1	7
124641	Drill Core	2.33	0.132	24.5	16	1.24	1148	0.249	7.17	1.099	3.53	3.2	30.0	45	1.5	11.1	5.4	0.4	<1	7
124642	Drill Core	2.22	0.125	25.9	14	1.16	932	0.251	7.21	0.527	3.42	2.4	29.2	45	1.4	10.4	5.5	0.4	<1	7
124643	Drill Core	2.17	0.129	17.4	15	1.09	836	0.300	7.70	0.095	3.54	2.8	35.5	31	1.3	9.6	6.7	0.5	1	8
124644	Rock Pulp	0.36	0.113	18.0	68	1.06	535	0.310	6.42	1.442	3.10	14.2	28.2	31	2.6	10.6	2.9	0.2	1	15
124645	Drill Core	2.64	0.134	15.3	14	1.22	1121	0.266	7.39	0.389	3.67	1.7	30.3	27	1.3	8.6	6.2	0.4	1	7
124646	Drill Core	2.56	0.129	18.7	16	1.29	1299	0.252	7.50	0.048	3.33	3.0	29.8	31	1.9	8.2	6.2	0.4	1	8
124647	Drill Core	2.75	0.136	16.8	14	1.41	1086	0.260	7.83	0.143	3.32	2.1	30.6	28	1.6	7.0	5.7	0.4	1	8
124648	Drill Core	2.64	0.135	18.6	14	1.28	882	0.252	7.61	0.402	3.71	2.3	30.0	31	1.5	7.8	5.5	0.4	1	8
124649	Drill Core	2.71	0.128	14.2	12	1.21	813	0.242	7.35	0.217	3.54	2.2	28.7	25	2.0	7.5	5.4	0.4	1	7



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124621	Drill Core	<0.1	160.2	2.5
124622	Drill Core	0.6	195.4	1.3
124623	Drill Core	0.5	207.8	1.1
124624	Drill Core	0.3	170.5	1.0
124625	Rock Pulp	>10	28.8	0.9
124626	Drill Core	0.2	184.8	1.1
124627	Drill Core	0.3	176.4	1.1
124628	Drill Core	0.2	155.2	1.1
124629	Drill Core	<0.1	146.9	2.7
124630	Drill Core	<0.1	150.5	2.7
124631	Rock	0.1	3.7	0.2
124632	Drill Core	<0.1	144.9	2.6
124633	Drill Core	0.2	153.6	1.2
124634	Drill Core	0.3	174.8	1.1
124635	Drill Core	0.6	180.3	1.1
124636	Drill Core	0.5	157.9	1.1
124637	Drill Core	0.2	136.7	1.1
124638	Drill Core	0.2	148.1	1.1
124639	Drill Core	0.2	151.8	1.2
124640	Drill Core	0.2	125.3	1.1
124641	Drill Core	0.2	133.3	1.2
124642	Drill Core	0.4	130.2	1.1
124643	Drill Core	0.2	146.5	1.4
124644	Rock Pulp	2.1	67.9	0.8
124645	Drill Core	<0.1	162.0	1.2
124646	Drill Core	0.3	141.7	1.3
124647	Drill Core	<0.1	135.3	1.2
124648	Drill Core	0.1	181.9	1.2
124649	Drill Core	0.1	156.0	1.1



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
REP 124515	QC	<0.005																				
124530	Drill Core	6.08	<0.005	0.8	181.7	10.3	39	<0.1	8.7	8.9	484	3.27	3	2.0	<0.1	5.5	694	<0.1	0.1	<0.1	70	
REP 124530	QC	0.005																				
124533	Drill Core	4.63	0.114	16.3	4081	20.0	104	2.0	9.5	15.6	711	4.86	16	0.6	0.1	5.3	299	0.3	1.6	0.3	75	
REP 124533	QC			16.0	4154	21.3	107	2.2	10.4	17.0	710	4.90	18	0.5	0.2	5.5	314	0.4	1.5	0.3	76	
124566	Drill Core	5.17	0.028	4.8	513.7	1959	1370	3.0	13.1	8.5	3470	4.40	84	2.2	<0.1	5.3	404	8.2	8.0	0.2	79	
REP 124566	QC	0.023																				
124568	Drill Core	5.17	0.012	2.3	469.6	29.1	131	0.4	12.1	7.0	1168	4.40	4	1.1	<0.1	5.3	428	0.5	1.2	0.2	81	
REP 124568	QC			2.3	476.7	28.0	129	0.4	11.4	6.7	1150	4.39	5	1.1	<0.1	5.2	408	0.3	1.2	0.1	79	
124578	Drill Core	5.42	0.014	4.7	486.0	14.9	159	1.1	13.9	10.0	3737	4.98	11	1.5	<0.1	6.7	268	0.4	4.1	0.3	80	
REP 124578	QC			4.3	463.9	13.4	156	0.8	13.4	9.2	3620	4.77	10	1.4	<0.1	6.0	243	0.3	4.1	0.3	75	
124609	Drill Core	5.67	0.031	2.7	551.3	16.6	110	1.2	11.2	10.6	992	4.62	6	1.8	<0.1	6.0	363	0.2	1.6	0.4	77	
REP 124609	QC			1.6	553.5	15.5	108	0.5	11.3	10.8	967	4.62	7	1.8	<0.1	5.8	351	0.2	1.3	0.4	79	
124631	Rock	0.46	<0.005	0.2	1.4	0.2	4	0.1	0.8	0.4	36	0.20	<1	2.4	<0.1	0.2	4110	<0.1	<0.1	<0.1	4	
REP 124631	QC	<0.005																				
Core Reject Duplicates																						
124515	Rock	0.73	<0.005	0.6	64.0	0.6	2	<0.1	1.3	<0.2	41	0.06	3	1.3	<0.1	<0.1	3738	<0.1	<0.1	<0.1	2	
DUP 124515	QC			<0.005	0.5	38.0	0.2	2	<0.1	0.5	<0.2	37	0.03	<1	1.3	<0.1	<0.1	3894	<0.1	<0.1	<0.1	1
124550	Drill Core	5.97	0.097	57.7	3287	14.1	46	1.2	32.7	13.0	367	2.29	7	0.9	<0.1	4.6	344	<0.1	0.2	0.2	100	
DUP 124550	QC			0.105	47.3	3248	14.0	49	1.2	30.5	11.5	366	2.29	7	0.9	<0.1	4.6	341	0.1	0.2	0.2	96
124585	Drill Core	5.37	0.013	3.7	605.5	10.8	143	1.0	10.8	5.1	2010	4.53	9	1.6	<0.1	6.1	265	0.4	1.8	0.5	79	
DUP 124585	QC			0.014	4.2	595.0	10.1	144	0.7	12.0	5.0	2045	4.78	8	1.5	<0.1	5.3	262	0.3	1.7	0.4	82
124620	Drill Core	5.85	<0.005	0.4	1.4	155.5	151	1.0	1.5	0.5	443	0.62	8	9.9	<0.1	21.7	143	0.4	0.8	1.8	4	
DUP 124620	QC			<0.005	0.3	1.2	154.3	159	0.9	0.4	0.5	443	0.54	10	10.7	<0.1	22.4	150	0.5	0.8	2.3	4
Reference Materials																						
STD OREAS24P	Standard			1.4	50.1	2.7	115	<0.1	135.5	45.1	1071	7.04	<1	0.6	<0.1	2.5	356	<0.1	<0.1	<0.1	150	
STD OREAS24P	Standard			1.4	44.5	2.4	115	<0.1	134.7	42.5	1053	6.89	<1	0.6	<0.1	2.6	347	<0.1	<0.1	<0.1	147	
STD OREAS24P	Standard			1.6	56.3	3.1	119	<0.1	146.9	48.8	1101	7.67	1	0.7	<0.1	3.0	373	0.1	0.1	<0.1	168	



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP 124515	QC																				
124530	Drill Core	2.55	0.116	18.1	9	0.92	1152	0.291	7.51	2.943	2.28	0.3	22.9	36	0.6	11.4	6.3	0.4	<1	6	6.1
REP 124530	QC																				
124533	Drill Core	1.90	0.144	13.5	8	0.87	135	0.256	6.55	1.198	2.91	0.6	7.9	31	0.9	14.6	6.4	0.5	<1	5	15.4
REP 124533	QC	1.98	0.154	14.1	8	0.88	146	0.253	6.49	1.196	2.95	0.9	7.9	32	1.0	14.9	6.3	0.4	1	5	15.6
124566	Drill Core	2.54	0.126	23.2	12	1.27	795	0.276	7.18	0.489	2.82	3.8	30.4	41	2.0	11.2	6.0	0.4	1	7	25.3
REP 124566	QC																				
124568	Drill Core	3.00	0.127	24.4	13	1.32	890	0.273	7.08	0.199	3.26	4.4	29.9	43	1.9	10.9	5.8	0.4	1	7	20.5
REP 124568	QC	2.97	0.123	23.3	12	1.28	867	0.271	7.29	0.196	3.22	4.8	28.5	42	1.6	10.4	6.0	0.4	1	7	20.0
124578	Drill Core	2.86	0.143	21.1	16	1.27	864	0.277	7.73	0.043	1.94	5.1	28.9	41	1.6	11.8	6.4	0.4	1	8	34.3
REP 124578	QC	2.65	0.128	19.2	16	1.19	828	0.257	7.35	0.039	1.97	4.9	26.7	38	1.5	10.8	6.1	0.4	1	7	32.6
124609	Drill Core	2.57	0.129	15.7	14	1.22	1292	0.246	7.45	0.154	3.34	0.9	25.2	28	0.9	8.5	5.0	0.3	1	7	21.7
REP 124609	QC	2.62	0.125	14.6	13	1.23	1305	0.247	7.50	0.162	3.41	1.0	25.1	27	1.1	8.1	4.9	0.3	1	7	21.2
124631	Rock	37.05	0.007	1.1	<1	1.54	28	0.019	0.46	0.009	0.06	<0.1	3.4	2	<0.1	0.8	0.3	<0.1	<1	<1	0.8
REP 124631	QC																				
Core Reject Duplicates																					
124515	Rock	39.42	0.005	0.8	<1	1.46	15	0.006	0.15	0.040	0.03	<0.1	0.4	<1	<0.1	0.4	0.2	<0.1	<1	<1	<0.1
DUP 124515	QC	37.55	0.005	0.5	<1	1.53	13	0.004	0.11	0.023	0.02	<0.1	0.3	<1	<0.1	0.3	0.2	<0.1	<1	<1	0.2
124550	Drill Core	1.61	0.056	19.8	56	1.14	385	0.369	6.91	2.741	3.03	0.9	9.9	35	0.8	11.7	6.9	0.4	2	13	11.3
DUP 124550	QC	1.59	0.060	18.9	58	1.12	508	0.359	6.84	2.733	3.00	1.0	9.6	35	0.9	11.4	6.3	0.4	2	13	10.1
124585	Drill Core	2.51	0.126	22.3	16	1.23	866	0.252	7.94	0.047	1.72	3.0	26.1	43	1.5	8.3	5.7	0.4	1	7	23.4
DUP 124585	QC	2.53	0.129	19.7	17	1.22	878	0.257	7.32	0.049	2.45	3.1	26.7	40	1.5	8.2	5.8	0.4	1	7	24.9
124620	Drill Core	0.76	0.015	11.4	1	0.20	251	0.046	7.45	0.062	3.57	1.2	54.5	22	0.7	8.4	15.0	1.5	2	1	40.0
DUP 124620	QC	0.85	0.018	12.0	<1	0.21	253	0.047	7.97	0.066	3.41	1.2	55.6	23	0.8	8.5	15.8	1.6	2	1	41.3
Reference Materials																					
STD OREAS24P	Standard	5.59	0.125	17.5	177	3.87	265	1.046	7.18	2.337	0.64	0.4	131.5	36	1.5	23.7	18.7	1.0	<1	18	6.8
STD OREAS24P	Standard	5.50	0.123	18.7	178	3.83	251	1.042	7.05	2.268	0.60	0.3	123.9	36	1.5	22.8	17.9	1.0	1	19	7.6
STD OREAS24P	Standard	5.69	0.136	21.4	215	4.25	285	1.059	7.95	2.629	0.66	0.5	135.0	38	1.7	22.3	20.1	1.1	1	21	8.7



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Project: Poplar Drilling

Report Date: November 09, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000570.2

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
REP 124515	QC			
124530	Drill Core	0.4	66.6	0.9
REP 124530	QC			
124533	Drill Core	1.3	91.5	0.3
REP 124533	QC	1.3	93.6	0.3
124566	Drill Core	0.2	123.7	1.2
REP 124566	QC			
124568	Drill Core	<0.1	136.7	1.2
REP 124568	QC	<0.1	135.6	1.1
124578	Drill Core	0.2	125.1	1.2
REP 124578	QC	0.2	126.6	1.1
124609	Drill Core	0.3	154.2	1.0
REP 124609	QC	0.3	184.2	1.1
124631	Rock	0.1	3.7	0.2
REP 124631	QC			
Core Reject Duplicates				
124515	Rock	<0.1	0.9	<0.1
DUP 124515	QC	<0.1	0.6	<0.1
124550	Drill Core	0.8	73.6	0.3
DUP 124550	QC	0.8	73.2	0.3
124585	Drill Core	<0.1	100.8	1.1
DUP 124585	QC	<0.1	104.6	1.0
124620	Drill Core	<0.1	192.8	3.0
DUP 124620	QC	<0.1	189.5	2.9
Reference Materials				
STD OREAS24P	Standard	<0.1	19.6	3.3
STD OREAS24P	Standard	<0.1	19.6	3.1
STD OREAS24P	Standard	<0.1	22.7	3.6



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000570.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.3	46.2	2.7	111	<0.1	127.6	41.7	989	6.98	<1	0.7	<0.1	2.8	355	<0.1	0.1	<0.1
STD OREAS24P	Standard			1.2	48.0	3.2	109	0.1	138.8	44.7	1074	6.88	3	0.7	<0.1	3.2	344	0.1	<0.1	<0.1
STD OREAS24P	Standard			1.4	51.1	3.3	110	<0.1	141.7	45.5	1076	6.99	2	0.7	<0.1	3.2	361	<0.1	0.5	<0.1
STD OREAS45C	Standard			2.0	588.0	23.4	79	0.3	325.9	100.3	1121	17.40	12	2.1	<0.1	10.0	39	0.2	0.8	0.3
STD OREAS45C	Standard			1.9	603.8	23.9	80	0.2	335.1	99.6	1151	17.01	12	2.1	<0.1	10.2	41	0.1	0.8	0.2
STD OREAS45C	Standard			2.3	612.3	25.8	89	0.3	330.3	105.2	1128	18.73	12	2.3	<0.1	10.6	36	0.3	0.9	0.2
STD OREAS45C	Standard			2.0	609.1	24.4	85	0.1	328.1	98.5	1097	16.97	11	2.3	<0.1	10.7	33	0.1	0.8	0.2
STD OREAS45C	Standard			2.2	600.8	28.9	96	0.3	328.2	102.7	1166	17.29	14	2.6	<0.1	12.2	42	0.2	0.9	0.3
STD OREAS45C	Standard			2.2	584.3	26.3	79	0.3	325.5	100.7	1138	17.25	11	2.5	<0.1	12.1	39	0.1	1.0	0.3
STD OXH82	Standard		1.311																	
STD OXH82	Standard		1.274																	
STD OXH82	Standard		1.257																	
STD OXH82	Standard		1.322																	
STD OXH82	Standard		1.337																	
STD OXH82	Standard		1.368																	
STD OXK79	Standard		3.636																	
STD OXK79	Standard		3.467																	
STD OXK79	Standard		3.760																	
STD OXK79	Standard		3.773																	
STD OXK79	Standard		3.760																	
STD OXK79	Standard		3.821																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank			<0.1	1.7	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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Report Date: November 09, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000570.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.36	0.126	17.0	188	3.79	254	0.995	7.25	2.309	0.58	0.4	123.2	34	1.5	19.8	17.0	1.1	1	18	9.4
STD OREAS24P	Standard	5.46	0.130	19.0	191	3.79	263	1.003	7.41	2.251	0.60	0.3	125.4	37	1.5	21.5	17.6	1.0	1	20	7.2
STD OREAS24P	Standard	5.94	0.127	18.7	185	3.82	266	1.040	7.23	2.320	0.62	0.4	129.6	36	1.5	21.3	18.5	1.1	1	19	7.8
STD OREAS45C	Standard	0.45	0.045	27.0	816	0.25	257	1.165	7.09	0.099	0.32	0.9	162.4	51	2.4	13.7	21.0	1.3	1	59	14.8
STD OREAS45C	Standard	0.45	0.050	29.6	817	0.28	268	1.106	7.15	0.107	0.35	1.0	157.2	52	2.8	13.7	22.0	1.4	1	59	14.8
STD OREAS45C	Standard	0.48	0.052	29.2	944	0.23	286	1.146	7.22	0.096	0.33	1.2	166.8	51	3.0	12.4	23.2	1.5	1	59	16.6
STD OREAS45C	Standard	0.48	0.052	26.1	894	0.26	271	1.145	7.21	0.115	0.33	1.0	159.7	51	2.7	11.9	21.3	1.4	<1	57	16.5
STD OREAS45C	Standard	0.48	0.054	27.4	823	0.28	280	1.160	7.60	0.107	0.34	1.0	159.8	52	3.2	12.9	22.3	1.4	<1	63	16.3
STD OREAS45C	Standard	0.46	0.050	27.0	855	0.27	267	1.250	7.36	0.099	0.31	1.0	155.9	50	2.9	12.4	21.6	1.3	1	61	16.0
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				



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Project: Poplar Drilling

Report Date: November 09, 2011

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QUALITY CONTROL REPORT

SMI11000570.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	19.6	3.2
STD OREAS24P	Standard	<0.1	26.2	3.3
STD OREAS24P	Standard	<0.1	28.7	3.1
STD OREAS45C	Standard	<0.1	21.9	3.8
STD OREAS45C	Standard	<0.1	21.7	4.1
STD OREAS45C	Standard	<0.1	23.1	4.4
STD OREAS45C	Standard	<0.1	22.8	4.2
STD OREAS45C	Standard	<0.1	27.0	4.3
STD OREAS45C	Standard	<0.1	26.8	4.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			



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SMI11000570.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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QUALITY CONTROL REPORT

SMI11000570.2

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
Prep Wash																			
G1	Prep Blank	2.51	0.072	24.6	2	0.58	981	0.242	7.53	2.642	3.02	0.1	10.0	56	1.5	15.7	23.6	1.3	2
G1	Prep Blank	2.68	0.075	25.3	3	0.60	967	0.255	7.79	2.705	3.01	0.1	10.8	56	1.4	16.8	23.7	1.3	3



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: November 09, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000570.2

		1EX S %	1EX Rb ppm	1EX Hf ppm
		0.1	0.1	0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	99.6	0.5
G1	Prep Blank	<0.1	103.6	0.5



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 11, 2011
Report Date: November 17, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000571.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_11&12
P.O. Number
Number of Samples: 111

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	106	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	111	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	111	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 17, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000571.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045922	Drill Core	6.51	<0.005	11.2	287.0	32.8	93	0.2	10.4	15.5	439	2.88	13	1.5	<0.1	4.1	434	0.7	4.0	0.3
1045923	Drill Core	5.70	<0.005	8.2	276.1	11.2	38	0.1	2.3	13.6	312	2.70	8	1.6	<0.1	4.3	375	0.2	1.7	0.2
1045924	Drill Core	3.68	<0.005	6.6	176.4	8.0	32	<0.1	2.6	12.2	314	2.59	6	1.5	<0.1	4.0	403	0.1	1.0	0.2
1045925	Drill Core	6.10	0.006	4.3	644.6	97.3	330	1.0	2.9	19.5	558	3.23	27	1.4	<0.1	4.1	389	2.3	31.6	0.2
1045926	Drill Core	5.96	0.006	20.7	470.0	11.3	33	0.2	2.3	17.4	428	2.59	8	1.7	<0.1	4.4	406	0.3	1.3	0.2
1045927	Drill Core	5.69	<0.005	7.4	258.4	12.2	44	0.1	2.7	15.5	272	2.67	7	1.5	<0.1	4.1	422	0.2	1.1	0.2
1045928	Drill Core	6.05	<0.005	7.5	122.5	13.7	51	<0.1	2.9	14.7	193	2.58	6	1.6	<0.1	4.3	440	0.4	0.3	0.2
1045929	Rock	0.65	<0.005	0.1	0.2	0.2	1	<0.1	<0.1	5.0	21	0.05	12	1.3	<0.1	<0.1	3686	<0.1	<0.1	<0.1
1045930	Drill Core	6.19	<0.005	15.8	184.7	19.6	45	<0.1	1.4	13.5	191	2.69	7	1.7	<0.1	4.4	402	0.4	0.4	0.1
1045931	Drill Core	5.94	0.008	11.2	356.9	13.2	39	0.2	3.5	19.9	249	2.94	13	1.6	<0.1	4.1	400	0.3	1.5	0.2
1045932	Drill Core	5.58	0.007	12.9	284.5	41.3	143	0.2	2.2	20.5	1049	2.44	91	1.9	<0.1	4.4	350	0.9	1.8	0.2
1045933	Drill Core	6.48	0.024	90.5	925.9	85.4	286	0.8	6.8	91.8	1566	5.44	332	1.9	<0.1	3.7	290	2.2	13.4	0.6
1045934	Drill Core	6.40	0.006	6.8	375.6	41.9	207	0.2	3.0	19.8	669	2.87	95	1.7	<0.1	4.1	391	0.8	4.8	0.1
1045935	Drill Core	5.85	0.012	16.2	519.3	15.5	70	0.3	3.8	28.4	345	3.17	35	1.8	<0.1	4.3	468	0.6	1.5	0.1
1045936	Drill Core	5.80	0.011	19.0	401.3	10.8	45	0.2	2.9	21.8	344	3.00	11	1.8	<0.1	4.3	474	0.4	0.4	0.1
1045937	Drill Core	6.53	0.009	44.7	379.1	18.7	85	0.4	3.8	26.6	650	2.77	30	1.6	<0.1	4.0	408	0.6	2.2	0.1
1045938	Rock Pulp	0.04	0.860	21.9	5350	6190	>10000	31.0	47.0	19.2	588	9.26	484	2.2	0.8	2.3	167	229.7	109.7	27.5
1045939	Drill Core	6.05	0.009	43.6	344.4	29.8	117	0.3	4.0	33.8	1293	3.24	58	1.6	<0.1	4.1	383	1.0	1.0	0.3
1045940	Drill Core	5.96	0.028	59.1	426.2	25.7	43	0.4	3.2	46.7	809	3.59	46	1.7	<0.1	4.1	402	0.5	1.5	0.3
1045941	Drill Core	5.63	<0.005	15.0	166.0	4.4	20	<0.1	2.7	16.1	282	2.43	49	1.5	<0.1	4.0	336	0.2	0.4	<0.1
1045942	Drill Core	5.85	0.008	10.1	211.8	8.2	37	<0.1	4.4	23.8	332	2.99	62	1.9	<0.1	4.4	480	0.2	0.7	0.1
1045943	Drill Core	5.48	0.011	28.7	260.8	5.7	26	0.1	3.3	19.2	399	3.30	87	2.4	<0.1	4.6	380	0.3	0.8	0.3
1045944	Drill Core	6.35	0.007	19.7	250.8	14.9	33	0.1	2.9	28.4	283	2.80	29	1.7	<0.1	4.1	300	0.4	0.7	0.1
1045945	Drill Core	5.28	0.009	12.1	207.5	148.3	658	0.5	3.0	22.2	891	2.35	17	1.4	<0.1	3.7	343	5.4	6.9	0.1
1045946	Drill Core	3.89	0.008	8.7	226.3	207.2	947	1.7	3.8	24.9	961	2.41	22	1.6	<0.1	3.8	359	7.5	23.0	0.1
1045947	Drill Core	5.35	0.005	14.1	247.7	5.7	21	0.1	3.2	28.5	360	3.52	6	1.3	<0.1	3.7	382	0.1	1.0	0.1
1045948	Drill Core	6.68	<0.005	7.5	113.1	11.1	48	<0.1	3.6	15.2	176	2.46	5	1.7	<0.1	4.3	740	0.4	1.2	0.1
1045949	Drill Core	6.37	0.008	10.7	382.9	8.0	32	0.1	3.5	27.8	177	2.85	5	1.9	<0.1	4.0	548	0.3	0.3	0.1
1045950	Drill Core	5.82	0.008	33.5	276.3	15.3	50	0.1	3.9	21.1	169	2.11	5	2.6	<0.1	4.0	444	0.5	0.4	<0.1
1045951	Rock	0.64	<0.005	<0.1	0.7	<0.1	1	<0.1	<0.1	5.5	26	0.05	8	1.2	<0.1	<0.1	3937	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: November 17, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045922	Drill Core	2.03	0.102	14.4	13	0.70	51	0.068	6.93	2.377	2.53	0.8	34.8	32	1.1	7.6	2.0	0.1	<1	4
1045923	Drill Core	1.91	0.090	14.6	5	0.64	56	0.065	6.92	2.281	2.47	0.7	34.5	32	1.0	7.6	1.8	0.2	<1	4
1045924	Drill Core	2.13	0.092	13.3	5	0.66	53	0.063	7.16	2.411	2.49	0.6	33.7	30	0.8	7.7	1.8	0.2	<1	4
1045925	Drill Core	1.94	0.092	12.5	5	0.69	39	0.070	6.84	2.264	2.44	0.7	34.0	29	1.0	7.2	2.0	0.2	2	4
1045926	Drill Core	2.19	0.096	13.9	5	0.68	52	0.064	7.18	2.447	2.47	0.7	38.0	32	1.0	7.9	2.0	0.2	2	4
1045927	Drill Core	2.12	0.092	13.6	5	0.62	49	0.063	6.86	2.436	2.35	0.5	33.6	30	0.8	7.7	1.9	0.2	1	4
1045928	Drill Core	2.14	0.094	14.2	4	0.65	55	0.072	7.13	2.535	2.48	0.8	32.5	32	1.1	8.1	1.7	0.2	1	4
1045929	Rock	34.11	0.002	0.2	<1	2.08	8	<0.001	0.04	0.004	<0.01	<0.1	<0.1	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1045930	Drill Core	2.15	0.086	15.8	3	0.63	62	0.067	7.28	2.590	2.32	0.8	30.9	34	0.8	8.4	1.5	0.2	2	4
1045931	Drill Core	2.25	0.087	11.5	4	0.64	73	0.068	6.99	2.738	2.14	1.0	34.5	25	1.0	7.7	1.7	0.2	1	4
1045932	Drill Core	2.03	0.091	16.9	4	0.70	91	0.059	7.47	2.110	2.62	0.7	32.3	37	0.7	8.0	1.7	0.1	<1	4
1045933	Drill Core	1.50	0.097	18.6	3	0.62	35	0.044	6.60	0.622	2.99	2.2	27.9	40	1.6	8.8	1.2	0.1	<1	3
1045934	Drill Core	2.14	0.088	15.3	4	0.70	68	0.062	7.22	1.981	2.66	0.6	32.6	34	0.8	7.7	1.6	0.2	1	4
1045935	Drill Core	1.87	0.097	14.7	4	0.68	52	0.059	7.01	2.218	2.58	0.5	33.0	33	0.9	8.0	1.6	0.1	1	4
1045936	Drill Core	1.94	0.096	16.3	4	0.67	61	0.074	7.22	2.219	2.48	0.6	30.7	36	0.9	8.2	1.9	0.2	<1	4
1045937	Drill Core	2.00	0.099	16.2	5	0.63	74	0.064	6.46	1.873	2.59	0.8	30.4	35	0.8	8.3	1.8	0.2	<1	4
1045938	Rock Pulp	1.79	0.052	10.9	31	0.93	74	0.178	3.83	1.288	0.76	1.2	32.4	25	52.6	11.6	4.6	0.2	<1	8
1045939	Drill Core	1.86	0.091	14.5	4	0.65	67	0.055	6.91	1.915	2.72	0.9	33.7	31	0.8	7.8	1.8	0.1	2	4
1045940	Drill Core	2.20	0.099	15.9	4	0.67	60	0.050	6.96	1.592	2.91	1.1	31.3	34	0.9	8.2	1.5	0.1	1	4
1045941	Drill Core	1.87	0.094	15.4	5	0.67	93	0.053	6.72	2.071	2.37	0.7	30.7	33	0.7	7.0	1.6	0.1	1	4
1045942	Drill Core	1.63	0.096	15.6	4	0.67	58	0.056	7.25	2.089	2.68	0.6	35.1	34	0.9	8.3	1.9	0.2	1	4
1045943	Drill Core	1.52	0.103	18.8	5	0.73	60	0.052	7.09	1.593	2.93	1.0	33.0	39	1.0	8.6	1.8	0.1	2	4
1045944	Drill Core	1.96	0.094	14.7	4	0.67	81	0.056	6.72	2.412	2.06	0.9	31.4	32	0.7	7.2	1.7	0.2	<1	4
1045945	Drill Core	2.31	0.088	11.6	4	0.59	74	0.057	6.55	2.053	2.03	1.1	32.6	26	0.7	6.9	1.9	0.2	<1	3
1045946	Drill Core	2.50	0.087	13.4	4	0.56	84	0.050	6.63	1.915	1.98	1.6	30.9	30	0.8	7.2	1.6	0.2	2	3
1045947	Drill Core	1.99	0.099	8.9	5	0.61	43	0.054	6.84	2.526	2.15	0.7	30.2	20	0.6	6.7	1.5	0.1	1	3
1045948	Drill Core	1.91	0.101	14.7	4	0.64	58	0.060	7.09	2.672	2.30	0.7	31.9	32	0.7	7.5	1.7	0.2	2	4
1045949	Drill Core	2.05	0.102	15.0	4	0.67	44	0.054	7.03	2.786	2.33	0.4	33.8	34	0.6	8.4	1.6	0.2	2	4
1045950	Drill Core	1.89	0.086	17.5	2	0.60	53	0.052	7.02	2.645	2.32	0.7	31.8	37	1.1	7.9	1.7	0.1	2	3
1045951	Rock	34.93	<0.001	0.4	<1	1.74	9	0.001	0.06	0.006	<0.01	<0.1	0.2	<1	<0.1	0.5	0.1	<0.1	<1	<1



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045922	Drill Core	3.2	66.7	1.2
1045923	Drill Core	3.0	70.3	1.2
1045924	Drill Core	2.8	66.8	1.2
1045925	Drill Core	3.6	69.3	1.2
1045926	Drill Core	3.1	65.5	1.2
1045927	Drill Core	3.1	62.3	1.3
1045928	Drill Core	2.9	65.9	1.2
1045929	Rock	<0.1	<0.1	<0.1
1045930	Drill Core	3.0	65.3	1.2
1045931	Drill Core	3.4	60.7	1.1
1045932	Drill Core	2.3	82.7	1.2
1045933	Drill Core	5.9	98.5	1.1
1045934	Drill Core	2.7	77.6	1.3
1045935	Drill Core	3.2	72.9	1.3
1045936	Drill Core	2.9	76.7	1.1
1045937	Drill Core	2.5	79.9	1.1
1045938	Rock Pulp	10.0	22.8	1.1
1045939	Drill Core	3.1	88.9	1.2
1045940	Drill Core	3.9	91.0	1.1
1045941	Drill Core	2.3	67.7	1.2
1045942	Drill Core	2.7	74.4	1.3
1045943	Drill Core	2.9	83.8	1.3
1045944	Drill Core	2.7	56.7	1.2
1045945	Drill Core	2.3	55.0	1.2
1045946	Drill Core	2.5	56.7	1.3
1045947	Drill Core	3.6	55.2	1.1
1045948	Drill Core	2.6	57.3	1.3
1045949	Drill Core	3.4	53.1	1.2
1045950	Drill Core	2.5	54.9	1.2
1045951	Rock	<0.1	<0.1	<0.1



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045952	Drill Core	5.34	0.008	16.4	524.9	12.1	41	0.2	3.6	35.6	241	3.74	13	1.9	<0.1	4.1	450	0.4	0.6	0.2
1045953	Drill Core	5.64	0.007	9.7	262.6	19.5	50	0.2	5.1	22.2	720	3.39	32	1.9	<0.1	3.7	467	0.3	1.5	0.2
1045954	Drill Core	6.09	0.010	16.1	550.6	20.7	62	0.3	4.4	28.4	1392	3.75	11	1.8	<0.1	4.1	432	0.4	1.8	0.3
1045955	Drill Core	5.62	0.005	8.3	184.1	12.2	37	0.3	2.7	13.4	310	2.22	11	2.1	<0.1	4.5	486	0.2	2.4	0.3
1045956	Rock Pulp	0.07	1.044	21.7	5155	6038	>10000	71.7	45.3	19.2	519	8.91	463	2.5	2.2	2.3	149	225.1	108.8	28.3
1045957	Drill Core	5.90	0.013	20.6	598.1	85.8	156	1.4	5.1	24.8	825	3.01	16	3.1	<0.1	5.0	400	1.1	9.4	0.3
1045958	Drill Core	6.53	0.025	13.5	313.1	29.5	86	0.7	3.2	29.1	849	3.64	20	2.0	<0.1	4.4	359	0.5	1.5	0.3
1045959	Drill Core	6.32	0.077	10.6	102.6	8.0	33	0.2	3.0	18.1	268	2.98	5	2.0	0.1	4.8	419	<0.1	0.5	0.2
1045960	Drill Core	6.06	0.008	5.7	382.7	3.0	17	0.3	3.1	15.7	287	2.70	5	1.8	<0.1	4.7	343	<0.1	0.6	0.2
1045961	Drill Core	6.10	<0.005	11.2	313.7	16.7	57	0.5	3.3	20.1	348	2.84	9	1.9	<0.1	4.8	300	0.3	2.5	0.2
1045962	Drill Core	6.19	<0.005	12.9	224.6	17.3	46	0.4	2.5	24.6	245	3.17	4	2.1	<0.1	4.6	467	0.2	1.3	0.1
1045963	Drill Core	5.72	<0.005	5.4	162.1	14.8	50	0.2	2.6	16.0	873	2.81	4	1.8	<0.1	4.6	443	0.5	0.7	0.4
1045964	Drill Core	5.83	0.009	35.1	410.7	18.1	54	0.2	3.8	27.0	693	3.19	7	1.9	<0.1	4.3	471	0.3	1.1	0.2
1045965	Drill Core	4.35	0.008	10.8	481.0	15.3	50	0.2	3.3	28.4	652	3.26	7	1.9	<0.1	4.6	426	0.3	1.4	0.2
1045966	Drill Core	6.47	<0.005	8.7	362.9	61.8	222	0.5	3.0	18.3	599	3.51	15	1.8	<0.1	4.2	396	1.3	7.4	0.1
1045967	Drill Core	5.69	0.009	9.8	393.7	81.7	528	1.6	2.4	25.3	1384	2.89	37	1.8	<0.1	4.3	590	3.4	34.2	0.1
1045968	Drill Core	6.14	<0.005	4.1	113.0	21.5	66	0.1	3.2	15.4	431	3.26	14	1.6	<0.1	4.4	519	0.2	1.7	0.1
1045969	Rock	0.61	<0.005	<0.1	1.2	0.4	1	<0.1	<0.1	<0.2	29	0.02	1	1.2	<0.1	<0.1	3934	<0.1	<0.1	<0.1
1045970	Drill Core	6.22	0.007	4.9	288.2	94.6	412	0.9	3.2	16.6	1347	3.41	24	1.8	<0.1	4.1	610	2.6	15.9	0.1
1045971	Drill Core	6.34	<0.005	5.5	47.2	15.5	45	0.2	3.1	12.8	395	2.32	4	1.7	<0.1	4.4	388	0.2	2.6	<0.1
1045972	Drill Core	6.06	<0.005	14.9	120.4	16.7	47	0.4	2.4	19.4	275	1.79	5	1.6	<0.1	4.8	367	0.3	3.4	0.2
1045973	Drill Core	6.58	0.018	10.0	139.9	53.9	107	0.9	3.0	20.4	694	3.03	5	2.3	<0.1	5.1	317	0.6	4.8	0.3
1045974	Drill Core	5.89	<0.005	7.2	34.3	24.8	40	0.3	2.5	16.6	184	2.97	2	2.3	<0.1	4.9	305	0.3	1.8	0.1
1045975	Rock Pulp	0.15	0.931	148.3	3509	49.8	122	3.2	27.9	19.8	458	4.64	62	1.2	1.1	2.6	208	0.7	7.7	0.7
1045976	Drill Core	6.20	0.008	4.3	112.0	8.7	17	0.1	2.8	18.6	155	3.44	9	1.9	<0.1	3.9	491	<0.1	0.4	0.1
1045977	Drill Core	6.92	0.006	14.7	102.1	13.4	41	0.1	3.2	24.0	141	3.11	6	1.8	<0.1	4.5	550	0.2	0.4	0.1
1045978	Drill Core	6.21	0.009	7.4	39.3	31.2	82	0.3	2.6	20.8	207	3.32	10	1.8	<0.1	4.4	404	0.4	1.3	0.1
1045979	Drill Core	6.29	0.026	4.8	23.3	9.3	20	<0.1	2.1	13.9	178	3.23	2	1.8	<0.1	4.6	378	0.2	0.7	0.1
1045980	Drill Core	5.79	<0.005	6.9	19.5	12.6	30	0.1	2.8	22.6	217	3.27	3	1.6	<0.1	3.9	441	0.2	0.7	0.2
1045981	Drill Core	6.07	<0.005	9.9	23.6	9.6	23	0.1	3.0	22.9	152	3.08	3	1.8	<0.1	4.4	484	0.2	0.5	0.1



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Project: Poplar Drilling
Report Date: November 17, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045952	Drill Core	1.96	0.091	14.8	3	0.64	29	0.061	6.88	2.605	2.33	0.7	32.4	33	0.7	8.2	1.6	0.2	1	4
1045953	Drill Core	1.90	0.105	13.2	4	0.72	42	0.061	6.45	1.982	2.48	0.6	41.1	30	0.7	8.6	1.7	0.2	2	4
1045954	Drill Core	1.95	0.092	15.4	4	0.66	51	0.063	6.99	2.162	2.61	0.8	31.9	33	1.0	8.2	1.8	0.2	1	4
1045955	Drill Core	2.21	0.095	17.6	2	0.62	70	0.048	7.09	2.495	2.35	0.5	34.4	36	0.8	7.9	1.7	0.1	2	4
1045956	Rock Pulp	1.76	0.051	11.0	27	0.89	28	0.171	3.74	1.234	0.69	1.2	28.3	23	53.5	10.8	4.3	0.2	<1	7
1045957	Drill Core	2.16	0.111	17.8	3	0.76	68	0.054	7.27	1.961	2.64	0.5	44.5	36	0.9	8.3	1.5	0.1	1	4
1045958	Drill Core	1.95	0.092	14.6	3	0.58	35	0.052	7.15	1.699	2.71	1.0	30.1	32	1.2	7.4	1.4	0.1	<1	4
1045959	Drill Core	1.80	0.092	17.6	5	0.66	40	0.051	7.02	2.409	2.34	0.5	32.7	38	0.6	7.8	1.7	0.1	<1	4
1045960	Drill Core	1.85	0.087	14.9	3	0.63	47	0.041	6.97	2.377	2.30	0.4	34.6	30	0.6	7.1	1.5	0.1	1	4
1045961	Drill Core	2.19	0.092	14.1	2	0.59	70	0.045	7.04	2.075	2.45	0.8	32.7	28	0.6	7.2	1.8	0.1	<1	3
1045962	Drill Core	1.94	0.089	16.1	3	0.61	40	0.053	7.29	2.512	2.43	0.6	28.2	34	0.8	7.2	1.4	0.1	2	4
1045963	Drill Core	2.21	0.096	18.7	3	0.64	59	0.057	7.98	2.502	2.67	0.7	33.3	35	0.7	7.1	1.8	0.1	2	4
1045964	Drill Core	2.10	0.092	15.1	2	0.64	44	0.046	7.42	2.106	2.66	0.6	32.7	34	0.6	6.9	1.7	0.1	1	3
1045965	Drill Core	1.78	0.094	15.6	2	0.66	55	0.050	8.05	2.239	2.69	0.6	33.5	34	0.8	6.5	1.7	0.1	2	4
1045966	Drill Core	1.64	0.109	14.8	3	0.60	41	0.051	7.42	1.475	2.94	1.0	32.6	33	1.6	6.6	1.9	0.1	1	6
1045967	Drill Core	2.59	0.096	16.6	3	0.72	55	0.071	7.69	2.108	2.67	1.1	30.9	37	0.8	6.9	1.7	0.1	1	4
1045968	Drill Core	2.19	0.096	14.9	2	0.62	194	0.063	7.74	2.511	2.51	0.6	33.7	33	0.6	7.1	1.7	0.2	2	4
1045969	Rock	37.03	0.004	0.4	<1	1.73	11	<0.001	0.05	0.008	<0.01	<0.1	0.5	<1	<0.1	0.3	0.1	<0.1	<1	<1
1045970	Drill Core	2.29	0.101	16.1	2	0.67	51	0.065	8.08	1.928	2.64	1.1	32.7	35	0.7	7.1	2.0	0.1	1	4
1045971	Drill Core	2.44	0.088	8.4	2	0.59	105	0.043	7.65	2.640	2.25	0.7	40.8	17	0.7	5.8	1.5	0.1	1	3
1045972	Drill Core	2.57	0.077	7.6	2	0.41	214	0.045	6.98	2.682	1.97	0.8	35.1	14	0.5	5.9	1.6	0.1	<1	2
1045973	Drill Core	1.74	0.084	17.2	3	0.60	99	0.054	7.30	1.821	2.59	0.6	37.8	33	0.8	7.2	1.7	0.1	1	3
1045974	Drill Core	2.00	0.087	19.5	3	0.59	66	0.049	7.35	2.290	1.80	0.6	38.0	35	0.6	7.3	1.7	0.1	1	4
1045975	Rock Pulp	0.35	0.099	14.8	45	0.81	366	0.247	6.03	1.083	2.72	25.4	20.9	27	3.1	10.0	3.1	0.2	1	11
1045976	Drill Core	1.86	0.088	12.1	3	0.53	36	0.043	6.41	2.256	2.20	0.5	37.8	27	0.4	6.3	1.4	0.1	2	3
1045977	Drill Core	2.13	0.086	13.0	3	0.55	31	0.045	7.01	2.065	2.36	0.5	40.0	28	0.7	6.8	1.6	0.1	1	3
1045978	Drill Core	2.15	0.087	16.8	3	0.54	38	0.041	6.71	1.648	2.52	0.8	37.8	35	1.0	7.1	1.4	0.1	<1	4
1045979	Drill Core	2.03	0.102	14.2	2	0.56	38	0.045	7.02	1.836	2.48	0.7	40.4	31	0.8	6.8	1.6	0.1	1	4
1045980	Drill Core	2.74	0.090	9.3	2	0.52	36	0.036	6.74	1.758	2.48	0.9	37.1	21	0.8	6.1	1.2	<0.1	1	3
1045981	Drill Core	2.28	0.093	13.3	2	0.54	41	0.040	6.86	1.830	2.52	0.7	39.6	28	0.5	6.8	1.4	<0.1	2	3



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045952	Drill Core	4.1	61.5	1.3
1045953	Drill Core	3.6	74.4	1.4
1045954	Drill Core	3.9	93.4	1.2
1045955	Drill Core	2.7	63.2	1.1
1045956	Rock Pulp	9.8	21.7	1.0
1045957	Drill Core	3.5	71.8	1.5
1045958	Drill Core	4.0	77.7	1.1
1045959	Drill Core	3.2	60.1	1.1
1045960	Drill Core	3.1	67.3	1.3
1045961	Drill Core	3.5	70.4	1.3
1045962	Drill Core	3.7	70.0	1.0
1045963	Drill Core	3.1	89.4	1.1
1045964	Drill Core	3.4	92.7	1.2
1045965	Drill Core	3.3	91.7	1.2
1045966	Drill Core	3.9	101.1	1.1
1045967	Drill Core	3.2	98.6	1.1
1045968	Drill Core	3.6	86.2	1.3
1045969	Rock	<0.1	0.2	<0.1
1045970	Drill Core	3.4	94.4	1.1
1045971	Drill Core	3.4	72.3	1.3
1045972	Drill Core	3.0	62.4	1.3
1045973	Drill Core	3.2	82.5	1.4
1045974	Drill Core	3.8	47.0	1.3
1045975	Rock Pulp	2.6	63.8	0.6
1045976	Drill Core	4.3	56.2	1.4
1045977	Drill Core	4.2	62.4	1.4
1045978	Drill Core	4.2	69.6	1.3
1045979	Drill Core	4.1	68.4	1.4
1045980	Drill Core	4.5	59.5	1.3
1045981	Drill Core	4.2	63.1	1.3



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045982	Drill Core	5.93	<0.005	8.8	94.0	5.4	16	0.1	2.1	23.3	170	2.77	3	1.7	<0.1	4.2	453	<0.1	0.4	<0.1
1045983	Drill Core	6.10	<0.005	9.2	153.4	24.6	70	0.2	3.5	34.5	167	4.86	3	1.9	<0.1	4.0	374	0.5	0.5	0.2
1045984	Drill Core	5.62	<0.005	132.2	103.0	6.5	19	0.2	2.9	28.1	186	3.98	3	2.1	<0.1	3.9	503	0.2	0.7	0.2
1045985	Rock	0.66	<0.005	1.0	3.0	<0.1	<1	<0.1	<0.1	0.9	27	0.05	<1	1.3	<0.1	<0.1	4616	<0.1	<0.1	<0.1
1045986	Drill Core	5.27	<0.005	40.5	59.3	6.6	18	0.1	3.0	34.5	290	3.85	3	1.7	<0.1	3.8	419	<0.1	0.7	0.3
1045987	Drill Core	6.20	<0.005	6.6	18.6	3.6	14	<0.1	2.4	16.5	329	2.87	3	1.9	<0.1	4.3	341	<0.1	0.8	0.3
1045988	Drill Core	6.50	<0.005	7.0	41.5	41.9	194	0.4	2.8	14.0	826	3.30	10	1.8	<0.1	4.4	441	1.6	2.1	0.4
1045989	Drill Core	5.07	<0.005	149.1	137.0	89.9	349	1.8	3.7	43.7	934	3.55	30	1.9	<0.1	4.5	535	2.6	21.3	0.3
1045990	Drill Core	4.50	<0.005	99.4	137.7	77.2	280	1.7	3.4	41.1	818	3.82	26	2.0	<0.1	4.1	480	1.7	19.8	0.5
1045991	Drill Core	6.60	<0.005	19.0	46.9	83.4	337	0.9	3.5	20.0	1322	3.32	16	2.3	<0.1	5.1	734	2.3	6.7	0.4
1045992	Drill Core	6.62	<0.005	5.7	106.0	12.5	36	0.4	12.3	26.7	368	3.72	24	2.5	<0.1	6.0	366	0.1	3.5	0.2
1045993	Drill Core	6.57	<0.005	2.7	97.5	5.4	25	0.2	68.7	26.4	307	2.89	36	2.1	<0.1	7.6	289	0.1	3.2	0.2
1045994	Drill Core	6.00	<0.005	4.3	74.0	4.4	26	0.1	64.6	33.7	265	4.92	34	1.8	<0.1	6.7	140	<0.1	1.2	0.1
1045995	Rock Pulp	0.16	0.454	147.5	3830	28.5	69	2.5	38.5	21.5	407	4.54	46	1.3	0.3	2.9	229	0.3	3.8	0.4
1045996	Drill Core	6.12	<0.005	3.0	99.5	4.7	25	0.2	63.7	21.4	375	3.59	34	1.6	<0.1	6.4	284	<0.1	1.8	0.2
1045997	Drill Core	6.29	<0.005	2.7	113.3	84.1	332	1.2	59.7	25.0	825	4.24	38	1.7	<0.1	6.3	673	2.4	9.9	0.2
1045998	Drill Core	5.78	<0.005	2.3	139.9	17.8	61	0.5	52.8	26.4	442	4.76	37	1.5	<0.1	5.2	605	0.4	5.8	0.3
1045999	Drill Core	7.32	0.021	2.9	108.2	103.4	535	1.9	64.3	23.2	1445	4.53	23	1.4	<0.1	4.4	602	4.4	13.9	0.5
1046000	Drill Core	7.49	<0.005	2.0	100.2	48.2	193	0.4	50.5	15.0	662	2.97	27	1.7	<0.1	6.1	576	1.5	3.9	0.4
1046001	Drill Core	7.89	0.005	1.2	31.8	6.6	30	0.1	56.3	15.1	300	2.55	13	2.0	<0.1	6.7	1345	<0.1	0.9	0.1
1046002	Drill Core	6.81	<0.005	2.3	53.4	9.0	33	0.1	55.6	22.5	241	3.77	14	1.6	<0.1	6.2	2965	0.1	1.1	0.2
1046003	Drill Core	7.37	<0.005	3.3	85.1	43.0	60	0.3	55.2	15.3	664	2.57	37	2.0	<0.1	7.9	393	0.3	18.9	<0.1
1046004	Drill Core	6.23	<0.005	6.8	383.7	12.6	67	0.7	65.1	24.5	440	3.00	135	2.0	<0.1	8.4	266	0.4	28.8	<0.1
1046005	Drill Core	6.94	<0.005	3.5	166.5	28.8	114	0.5	53.6	18.8	930	2.71	60	2.2	<0.1	7.6	422	0.7	15.7	<0.1
1046006	Drill Core	4.50	0.010	3.4	198.1	33.9	126	0.6	56.7	17.6	926	2.69	69	1.9	<0.1	7.7	402	0.8	17.6	0.1
1046007	Drill Core	6.87	<0.005	4.2	138.3	38.8	80	1.0	60.9	17.9	507	2.97	29	2.2	<0.1	8.3	346	0.6	10.5	<0.1
1046008	Drill Core	7.25	<0.005	3.9	52.9	16.0	31	0.4	50.0	15.0	447	2.52	21	1.9	<0.1	6.5	941	0.2	10.5	<0.1
1046009	Drill Core	6.93	0.016	8.5	177.3	91.0	322	2.5	56.1	19.4	782	3.88	37	1.9	<0.1	5.4	2052	2.2	16.9	0.2
1046010	Drill Core	7.23	<0.005	3.8	125.2	5.2	18	0.2	52.5	29.7	283	5.35	10	1.9	<0.1	5.6	438	<0.1	1.2	<0.1
1046011	Drill Core	6.92	<0.005	17.2	308.5	60.2	61	3.5	44.2	16.1	192	3.60	5	1.5	<0.1	4.7	632	0.5	9.4	0.2



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045982	Drill Core	1.88	0.088	12.2	2	0.57	36	0.038	6.65	2.329	2.21	0.3	39.3	27	0.4	5.9	1.4	0.1	1	3
1045983	Drill Core	1.76	0.082	11.9	2	0.55	20	0.036	6.63	1.874	2.51	0.5	37.6	27	0.6	6.1	1.2	<0.1	2	3
1045984	Drill Core	2.30	0.091	17.4	2	0.49	29	0.034	6.48	1.997	2.30	0.5	40.9	35	0.5	7.6	1.3	0.1	<1	3
1045985	Rock	32.88	0.004	0.9	<1	1.65	27	0.001	0.10	0.020	0.03	<0.1	0.6	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045986	Drill Core	2.58	0.089	15.7	1	0.51	32	0.037	6.43	1.807	2.52	1.0	39.4	35	0.7	7.2	1.4	0.1	1	3
1045987	Drill Core	2.42	0.087	10.0	2	0.61	57	0.044	6.87	1.883	2.59	1.1	45.8	22	0.7	6.9	1.7	0.1	<1	3
1045988	Drill Core	2.16	0.086	12.5	2	0.58	62	0.040	6.98	1.362	2.70	0.9	42.9	28	1.3	7.4	1.4	<0.1	1	3
1045989	Drill Core	2.05	0.084	19.0	1	0.59	54	0.037	7.12	1.209	2.76	0.7	44.3	36	0.4	7.8	1.3	<0.1	2	3
1045990	Drill Core	1.71	0.079	17.8	2	0.56	46	0.039	6.28	1.175	2.63	0.8	42.5	32	0.5	7.5	1.6	0.2	1	3
1045991	Drill Core	1.99	0.097	9.6	2	0.71	73	0.050	8.87	0.983	2.97	0.8	51.7	19	0.7	7.0	1.8	0.1	1	5
1045992	Drill Core	1.98	0.095	9.6	13	0.93	69	0.049	9.08	1.201	2.49	0.7	59.1	18	0.6	7.9	1.7	0.1	2	7
1045993	Drill Core	1.86	0.084	18.8	78	1.12	163	0.093	8.97	0.548	2.88	0.5	55.4	40	0.7	9.8	1.6	0.1	1	17
1045994	Drill Core	1.87	0.088	19.0	73	1.11	42	0.097	8.51	0.554	2.78	0.5	43.9	38	0.7	10.6	1.3	0.1	1	17
1045995	Rock Pulp	0.39	0.110	15.9	65	1.03	352	0.284	5.93	1.454	3.39	12.5	26.6	29	2.5	11.1	3.0	0.2	<1	15
1045996	Drill Core	1.51	0.064	17.2	73	1.09	106	0.091	7.32	0.641	2.87	0.4	38.5	36	0.6	8.3	1.7	0.1	2	14
1045997	Drill Core	1.65	0.058	20.3	61	1.06	58	0.090	6.70	0.260	3.01	0.6	42.7	41	0.7	8.3	1.8	0.1	<1	12
1045998	Drill Core	1.46	0.059	16.4	69	1.08	49	0.053	6.15	0.096	2.98	0.6	34.5	33	0.6	7.8	0.7	<0.1	2	12
1045999	Drill Core	1.36	0.085	9.7	68	0.91	32	0.052	6.08	0.113	3.22	0.7	34.1	22	0.8	8.3	0.8	<0.1	1	11
1046000	Drill Core	1.52	0.056	21.2	70	1.12	80	0.054	6.57	0.093	3.21	0.6	40.6	43	0.6	8.0	0.9	<0.1	1	11
1046001	Drill Core	1.54	0.063	16.7	72	1.08	120	0.063	7.11	0.615	2.84	0.5	47.0	33	0.5	9.6	1.0	<0.1	1	13
1046002	Drill Core	1.53	0.055	12.4	57	1.11	52	0.045	6.74	0.836	2.65	0.5	43.4	25	0.4	8.1	0.9	<0.1	2	12
1046003	Drill Core	2.17	0.066	23.3	65	1.34	490	0.115	7.68	0.265	3.27	0.6	49.2	46	0.7	10.0	1.8	0.1	2	14
1046004	Drill Core	1.81	0.071	25.7	72	1.17	93	0.098	8.87	0.350	3.32	0.7	51.7	52	0.7	11.0	1.5	0.1	2	17
1046005	Drill Core	2.31	0.060	16.3	67	1.29	275	0.103	7.21	0.556	3.03	0.6	55.4	35	0.8	9.1	1.4	0.1	1	13
1046006	Drill Core	2.33	0.064	17.0	65	1.30	297	0.105	7.15	0.546	2.89	0.6	54.9	36	0.7	9.0	1.3	0.1	<1	12
1046007	Drill Core	1.86	0.063	26.9	69	1.20	100	0.079	8.30	0.480	3.09	0.7	55.2	52	0.6	10.4	1.2	<0.1	2	15
1046008	Drill Core	1.42	0.058	14.8	70	1.03	122	0.058	6.94	0.923	2.91	0.5	41.3	30	0.6	7.5	1.0	<0.1	2	13
1046009	Drill Core	1.37	0.045	10.1	62	1.01	84	0.044	6.35	0.660	2.83	0.9	39.7	21	0.7	6.1	0.7	<0.1	1	11
1046010	Drill Core	1.59	0.049	20.5	69	0.76	51	0.031	5.79	0.966	2.01	0.4	34.9	39	0.5	7.9	0.5	<0.1	1	10
1046011	Drill Core	2.05	0.048	8.4	70	0.67	93	0.036	5.68	1.063	2.16	0.6	37.6	18	0.6	7.1	0.6	<0.1	1	10



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Project: Poplar Drilling
Report Date: November 17, 2011

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CERTIFICATE OF ANALYSIS

SMI11000571.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045982	Drill Core	3.5	57.3	1.3
1045983	Drill Core	6.0	64.7	1.2
1045984	Drill Core	5.3	64.8	1.3
1045985	Rock	0.2	0.6	<0.1
1045986	Drill Core	5.3	77.4	1.3
1045987	Drill Core	3.9	79.9	1.5
1045988	Drill Core	3.7	98.8	1.4
1045989	Drill Core	4.3	97.4	1.4
1045990	Drill Core	4.3	83.1	1.5
1045991	Drill Core	3.4	102.8	1.6
1045992	Drill Core	3.6	85.5	1.8
1045993	Drill Core	2.3	93.0	1.6
1045994	Drill Core	4.2	97.8	1.2
1045995	Rock Pulp	2.0	74.6	0.9
1045996	Drill Core	2.7	95.3	1.3
1045997	Drill Core	3.6	85.4	1.1
1045998	Drill Core	4.6	84.1	1.1
1045999	Drill Core	4.5	112.2	1.1
1046000	Drill Core	2.7	108.5	1.3
1046001	Drill Core	2.4	107.7	1.4
1046002	Drill Core	3.9	87.8	1.3
1046003	Drill Core	1.6	84.0	1.5
1046004	Drill Core	2.3	87.8	1.5
1046005	Drill Core	2.0	74.6	1.6
1046006	Drill Core	2.0	78.0	1.5
1046007	Drill Core	2.5	111.3	1.5
1046008	Drill Core	2.2	97.5	1.2
1046009	Drill Core	4.0	103.7	1.2
1046010	Drill Core	6.1	61.1	1.0
1046011	Drill Core	4.7	65.0	1.1



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CERTIFICATE OF ANALYSIS

SMI11000571.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046012	Rock	0.55	<0.005	0.2	2.6	0.4	2	<0.1	1.5	0.2	43	0.08	1	1.5	<0.1	<0.1	4316	<0.1	0.1	<0.1
1046013	Drill Core	7.56	<0.005	14.8	197.4	6.1	17	0.1	65.0	14.9	113	2.91	2	2.0	<0.1	5.5	330	<0.1	0.3	0.1
1046014	Drill Core	6.54	<0.005	19.0	557.4	13.4	49	0.7	48.6	16.9	274	2.50	8	1.8	<0.1	5.7	448	0.2	0.6	0.2
1046015	Drill Core	7.43	0.011	4.6	323.7	8.5	30	0.5	51.6	14.3	442	2.58	13	2.1	<0.1	6.6	282	<0.1	1.0	0.4
1046016	Drill Core	11.74	<0.005	3.1	109.4	13.9	50	0.1	68.9	18.0	228	3.94	18	1.7	<0.1	6.5	228	0.2	1.6	0.3
1046017	Drill Core	12.44	<0.005	3.1	63.4	5.0	26	<0.1	69.9	28.4	208	5.62	12	1.4	<0.1	5.3	178	<0.1	2.4	0.2
1046018	Rock Pulp	0.16	0.458	148.8	3785	29.2	73	2.6	39.0	21.5	423	4.70	44	1.3	0.4	3.0	234	0.5	4.2	0.4
1046019	Drill Core	12.61	<0.005	1.4	71.0	10.3	53	0.2	55.1	12.2	314	3.59	22	1.6	<0.1	5.9	198	0.3	15.2	0.2
1046020	Drill Core	12.91	0.006	1.8	43.1	8.6	36	<0.1	65.5	14.6	269	3.95	20	1.7	<0.1	6.3	206	0.1	7.6	0.2
1046021	Drill Core	10.18	<0.005	2.0	89.1	6.8	32	0.1	76.8	26.7	273	5.25	22	1.6	<0.1	6.2	139	0.1	5.8	0.2
1046022	Drill Core	13.22	<0.005	3.0	55.2	4.3	23	<0.1	64.7	16.9	306	3.56	34	1.7	<0.1	6.9	128	0.1	7.8	0.1
1046023	Drill Core	7.24	0.009	3.1	91.3	5.5	26	0.1	79.0	15.8	320	3.36	35	2.1	<0.1	8.1	269	0.2	8.7	0.2
1046024	Drill Core	12.63	0.005	3.0	152.2	7.0	24	<0.1	11.1	25.3	224	5.85	20	1.4	<0.1	3.2	269	<0.1	23.0	0.2
1046025	Rock	0.65	<0.005	<0.1	0.8	0.3	<1	<0.1	0.8	<0.2	26	<0.01	<1	1.2	<0.1	<0.1	3877	<0.1	<0.1	<0.1
1046026	Drill Core	8.52	<0.005	3.1	42.1	4.4	19	0.1	65.8	13.4	211	3.91	31	1.7	<0.1	6.8	328	<0.1	3.6	0.2
1046027	Drill Core	12.60	<0.005	2.5	44.9	3.3	18	<0.1	77.3	19.5	214	4.60	22	1.6	<0.1	6.2	162	<0.1	3.4	<0.1
1046028	Drill Core	11.47	<0.005	1.8	44.9	3.3	32	<0.1	72.3	16.7	214	4.31	21	1.7	<0.1	6.1	158	0.2	2.5	0.1
1046029	Drill Core	5.75	<0.005	1.7	49.7	2.9	36	<0.1	76.0	16.5	203	4.09	22	1.8	<0.1	6.4	136	0.2	2.8	0.1
1046030	Drill Core	12.29	<0.005	6.8	43.9	3.7	16	<0.1	77.2	21.1	148	4.39	27	1.5	<0.1	5.7	110	<0.1	2.2	0.2
1046031	Drill Core	13.97	<0.005	1.4	15.3	3.4	23	<0.1	55.3	9.5	160	3.18	20	1.5	<0.1	5.1	383	0.2	1.8	0.3
1046032	Drill Core	11.77	0.012	5.3	28.8	9.3	32	<0.1	10.8	20.6	187	5.73	10	1.7	<0.1	4.3	1010	0.1	2.7	3.5



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046012	Rock	35.37	0.005	0.3	1	1.86	13	0.007	0.17	0.038	0.03	<0.1	0.6	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1046013	Drill Core	2.23	0.051	25.2	66	0.91	162	0.039	5.91	1.731	1.97	0.7	43.1	50	0.6	8.5	0.8	<0.1	1	10
1046014	Drill Core	1.99	0.052	17.2	66	0.88	247	0.050	6.14	1.876	2.03	0.7	43.9	33	0.7	8.9	0.9	<0.1	1	10
1046015	Drill Core	1.56	0.061	24.3	66	1.03	257	0.064	6.82	1.249	2.59	0.8	44.0	46	0.7	9.1	0.8	<0.1	1	12
1046016	Drill Core	1.64	0.064	19.7	75	1.15	68	0.066	8.00	0.442	1.97	0.7	42.3	40	1.4	7.2	0.8	<0.1	1	15
1046017	Drill Core	1.27	0.062	15.4	58	1.04	31	0.061	6.22	0.437	1.85	1.0	36.1	32	1.3	6.9	0.7	<0.1	1	12
1046018	Rock Pulp	0.39	0.105	17.3	62	1.06	348	0.270	6.87	1.464	3.94	14.8	26.1	32	2.6	11.3	2.8	0.2	1	16
1046019	Drill Core	1.09	0.061	18.4	77	1.13	127	0.080	6.22	0.336	2.36	1.8	39.2	37	1.6	6.6	1.2	<0.1	<1	12
1046020	Drill Core	1.36	0.066	20.1	73	1.06	93	0.069	7.48	0.568	2.01	1.2	41.1	40	1.2	7.7	0.9	<0.1	2	14
1046021	Drill Core	1.05	0.061	16.5	72	1.01	47	0.087	6.64	0.338	2.22	1.3	39.5	35	1.4	7.3	1.0	<0.1	1	13
1046022	Drill Core	0.76	0.069	18.9	84	1.00	579	0.117	7.02	0.342	2.67	0.9	39.3	39	1.2	7.7	1.8	0.1	2	14
1046023	Drill Core	1.67	0.090	22.8	95	1.18	623	0.181	10.02	0.559	2.17	0.8	47.2	48	1.5	11.2	2.3	0.2	1	22
1046024	Drill Core	2.47	0.117	11.3	3	1.08	53	0.034	6.88	0.362	1.12	0.4	48.6	25	0.8	8.9	0.5	<0.1	2	6
1046025	Rock	35.68	0.004	0.2	<1	2.24	7	0.002	0.06	0.005	<0.01	0.9	0.2	<1	<0.1	0.3	0.1	<0.1	<1	<1
1046026	Drill Core	0.87	0.091	17.2	85	1.29	121	0.161	8.14	0.556	2.76	1.5	43.9	37	1.5	7.6	2.6	0.2	2	18
1046027	Drill Core	0.87	0.077	16.5	81	1.26	60	0.130	8.09	0.557	2.65	1.3	42.7	36	1.7	7.6	2.1	0.2	2	19
1046028	Drill Core	0.49	0.075	17.7	73	1.22	70	0.126	7.11	0.569	2.86	1.2	42.1	39	1.4	7.6	2.1	0.2	2	15
1046029	Drill Core	0.40	0.072	19.5	77	1.21	104	0.132	7.15	0.577	2.90	1.1	42.9	43	1.2	7.4	2.3	0.2	2	15
1046030	Drill Core	0.51	0.070	16.5	75	1.16	80	0.122	7.26	0.560	2.99	1.4	39.3	36	1.3	7.0	2.0	0.1	2	15
1046031	Drill Core	0.86	0.059	16.3	71	0.76	74	0.076	6.14	0.588	2.29	1.4	42.4	35	1.1	6.6	1.3	0.1	2	12
1046032	Drill Core	1.74	0.132	16.9	11	0.91	34	0.056	8.66	0.636	1.97	1.4	48.6	36	1.4	9.0	1.1	<0.1	1	8



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CERTIFICATE OF ANALYSIS

SMI11000571.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046012	Rock	<0.1	0.5	<0.1
1046013	Drill Core	3.8	58.7	1.2
1046014	Drill Core	3.0	68.6	1.3
1046015	Drill Core	2.3	94.3	1.3
1046016	Drill Core	2.9	70.7	1.2
1046017	Drill Core	5.1	63.2	1.0
1046018	Rock Pulp	2.0	82.7	0.8
1046019	Drill Core	2.4	77.6	1.2
1046020	Drill Core	2.9	70.0	1.3
1046021	Drill Core	4.0	71.6	1.1
1046022	Drill Core	1.7	72.9	1.2
1046023	Drill Core	1.5	77.7	1.2
1046024	Drill Core	5.7	25.4	1.3
1046025	Rock	<0.1	<0.1	<0.1
1046026	Drill Core	1.9	85.4	1.2
1046027	Drill Core	2.8	81.6	1.2
1046028	Drill Core	2.4	83.5	1.3
1046029	Drill Core	2.1	82.6	1.3
1046030	Drill Core	2.6	88.2	1.2
1046031	Drill Core	2.7	66.9	1.3
1046032	Drill Core	5.7	57.3	1.6



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QUALITY CONTROL REPORT

SMI11000571.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045943	Drill Core	5.48	0.011	28.7	260.8	5.7	26	0.1	3.3	19.2	399	3.30	87	2.4	<0.1	4.6	380	0.3	0.8	0.3	38
REP 1045943	QC			28.0	257.6	5.6	22	0.1	2.6	18.9	400	3.27	86	2.4	<0.1	4.6	382	0.3	0.8	0.3	38
1045957	Drill Core	5.90	0.013	20.6	598.1	85.8	156	1.4	5.1	24.8	825	3.01	16	3.1	<0.1	5.0	400	1.1	9.4	0.3	35
REP 1045957	QC		0.012																		
1045981	Drill Core	6.07	<0.005	9.9	23.6	9.6	23	0.1	3.0	22.9	152	3.08	3	1.8	<0.1	4.4	484	0.2	0.5	0.1	37
REP 1045981	QC			8.7	24.3	8.4	25	0.1	2.8	21.8	151	3.04	3	1.7	<0.1	4.5	498	0.2	0.4	0.1	36
1045987	Drill Core	6.20	<0.005	6.6	18.6	3.6	14	<0.1	2.4	16.5	329	2.87	3	1.9	<0.1	4.3	341	<0.1	0.8	0.3	30
REP 1045987	QC		<0.005																		
1045998	Drill Core	5.78	<0.005	2.3	139.9	17.8	61	0.5	52.8	26.4	442	4.76	37	1.5	<0.1	5.2	605	0.4	5.8	0.3	98
REP 1045998	QC			2.6	139.3	18.8	59	0.6	49.6	26.0	449	4.72	38	1.5	<0.1	5.4	589	0.3	5.5	0.2	100
Core Reject Duplicates																					
1045939	Drill Core	6.05	0.009	43.6	344.4	29.8	117	0.3	4.0	33.8	1293	3.24	58	1.6	<0.1	4.1	383	1.0	1.0	0.3	35
DUP 1045939	QC		0.007	39.3	327.1	29.0	97	0.3	3.6	30.1	1257	3.11	56	1.6	<0.1	4.3	373	0.7	1.0	0.2	32
1045974	Drill Core	5.89	<0.005	7.2	34.3	24.8	40	0.3	2.5	16.6	184	2.97	2	2.3	<0.1	4.9	305	0.3	1.8	0.1	32
DUP 1045974	QC		<0.005	6.0	29.8	14.8	31	0.2	2.0	12.9	175	2.47	2	2.4	<0.1	5.2	316	0.2	1.2	<0.1	31
1046009	Drill Core	6.93	0.016	8.5	177.3	91.0	322	2.5	56.1	19.4	782	3.88	37	1.9	<0.1	5.4	2052	2.2	16.9	0.2	87
DUP 1046009	QC		0.012	8.9	179.4	92.7	300	2.8	54.0	18.2	792	3.75	36	1.8	<0.1	5.5	2163	2.3	18.0	0.2	89
Reference Materials																					
STD OREAS24P	Standard			1.5	54.9	2.7	120	<0.1	134.4	42.9	1048	7.09	3	0.6	<0.1	2.6	380	0.2	<0.1	<0.1	167
STD OREAS24P	Standard			1.3	48.3	3.0	114	<0.1	136.7	44.5	1070	7.29	1	0.7	<0.1	2.8	389	0.2	0.2	<0.1	167
STD OREAS24P	Standard			1.6	50.8	6.6	129	<0.1	144.3	44.1	1096	7.33	1	0.8	<0.1	3.3	396	0.2	0.2	<0.1	169
STD OREAS24P	Standard			1.4	47.2	3.0	109	<0.1	138.2	43.3	1101	7.56	5	0.7	<0.1	2.9	376	0.1	0.1	<0.1	168
STD OREAS24P	Standard			1.5	48.2	2.8	115	<0.1	136.6	42.8	1151	7.54	2	0.7	<0.1	2.7	379	<0.1	<0.1	<0.1	158
STD OREAS24P	Standard			1.5	49.3	2.8	104	<0.1	138.4	44.1	972	6.86	<1	0.7	<0.1	2.9	354	<0.1	<0.1	<0.1	149
STD OREAS45C	Standard			2.3	656.2	26.5	125	0.2	348.2	101.9	1103	18.42	13	2.4	<0.1	11.2	39	0.3	0.9	0.3	282
STD OREAS45C	Standard			2.3	591.7	25.2	79	0.3	326.5	100.4	1111	17.18	11	2.4	<0.1	11.2	39	0.1	1.1	0.2	259
STD OREAS45C	Standard			2.2	622.5	26.3	84	0.3	336.3	98.5	1133	18.30	12	2.4	<0.1	10.6	37	0.2	0.8	0.2	270
STD OREAS45C	Standard			2.4	617.1	23.4	82	0.1	329.4	98.8	1208	17.72	10	2.2	<0.1	9.8	38	0.2	0.6	0.2	264



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1045943	Drill Core	1.52	0.103	18.8	5	0.73	60	0.052	7.09	1.593	2.93	1.0	33.0	39	1.0	8.6	1.8	0.1	2	4
REP 1045943	QC	1.49	0.095	17.4	4	0.72	57	0.052	7.05	1.569	2.93	1.0	32.8	38	1.1	7.9	1.7	0.2	2	4
1045957	Drill Core	2.16	0.111	17.8	3	0.76	68	0.054	7.27	1.961	2.64	0.5	44.5	36	0.9	8.3	1.5	0.1	1	4
REP 1045957	QC																			
1045981	Drill Core	2.28	0.093	13.3	2	0.54	41	0.040	6.86	1.830	2.52	0.7	39.6	28	0.5	6.8	1.4	<0.1	2	3
REP 1045981	QC	2.32	0.091	14.4	3	0.54	38	0.040	7.06	1.811	2.55	0.6	39.2	31	0.6	6.8	1.4	0.1	1	3
1045987	Drill Core	2.42	0.087	10.0	2	0.61	57	0.044	6.87	1.883	2.59	1.1	45.8	22	0.7	6.9	1.7	0.1	<1	3
REP 1045987	QC																			
1045998	Drill Core	1.46	0.059	16.4	69	1.08	49	0.053	6.15	0.096	2.98	0.6	34.5	33	0.6	7.8	0.7	<0.1	2	12
REP 1045998	QC	1.48	0.057	16.7	66	1.09	39	0.052	6.36	0.094	2.99	0.7	34.5	35	0.6	7.1	0.7	<0.1	1	12
Core Reject Duplicates																				
1045939	Drill Core	1.86	0.091	14.5	4	0.65	67	0.055	6.91	1.915	2.72	0.9	33.7	31	0.8	7.8	1.8	0.1	2	4
DUP 1045939	QC	1.83	0.099	15.6	4	0.63	56	0.057	7.19	1.864	2.70	0.7	33.3	33	0.8	7.9	1.6	0.2	1	4
1045974	Drill Core	2.00	0.087	19.5	3	0.59	66	0.049	7.35	2.290	1.80	0.6	38.0	35	0.6	7.3	1.7	0.1	1	4
DUP 1045974	QC	1.87	0.082	19.7	3	0.59	166	0.048	8.16	2.528	2.07	0.6	41.8	36	0.6	7.5	1.9	0.2	1	4
1046009	Drill Core	1.37	0.045	10.1	62	1.01	84	0.044	6.35	0.660	2.83	0.9	39.7	21	0.7	6.1	0.7	<0.1	1	11
DUP 1046009	QC	1.39	0.045	9.9	66	1.02	89	0.043	6.38	0.680	2.88	0.9	41.0	20	0.7	6.0	0.7	<0.1	1	11
Reference Materials																				
STD OREAS24P	Standard	5.47	0.130	17.0	184	4.06	265	1.067	7.72	2.411	0.64	0.3	127.0	35	1.6	21.4	18.7	1.1	1	20
STD OREAS24P	Standard	5.43	0.129	17.9	193	4.00	270	1.055	7.63	2.459	0.65	0.4	130.4	35	1.7	21.5	19.2	1.0	1	20
STD OREAS24P	Standard	5.58	0.139	19.8	197	4.22	288	1.094	7.68	2.473	0.68	0.4	134.7	38	1.6	22.6	20.1	1.1	1	20
STD OREAS24P	Standard	5.70	0.142	18.0	189	4.23	278	1.057	7.82	2.557	0.67	0.5	127.9	36	1.6	20.5	18.1	1.1	1	20
STD OREAS24P	Standard	5.91	0.135	17.4	192	4.06	261	1.138	7.66	2.394	0.68	0.4	130.6	36	1.7	20.5	18.6	1.0	1	20
STD OREAS24P	Standard	5.24	0.123	18.0	194	3.88	262	1.009	7.32	2.400	0.60	0.3	123.8	33	1.4	20.4	18.3	1.1	1	17
STD OREAS45C	Standard	0.49	0.055	26.6	968	0.26	290	1.126	7.06	0.102	0.35	1.1	171.1	54	2.7	13.9	24.0	1.5	<1	64
STD OREAS45C	Standard	0.50	0.047	26.1	870	0.24	279	1.111	7.06	0.088	0.35	0.8	159.5	50	2.7	12.6	22.3	1.4	1	58
STD OREAS45C	Standard	0.50	0.056	26.1	968	0.27	280	1.165	7.24	0.123	0.36	1.2	167.6	51	2.8	12.5	23.4	1.5	<1	59
STD OREAS45C	Standard	0.47	0.056	23.7	906	0.27	262	1.222	7.41	0.107	0.38	1.0	167.8	49	2.7	12.1	21.2	1.3	<1	61



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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045943	Drill Core	2.9	83.8	1.3
REP 1045943	QC	2.9	81.7	1.1
1045957	Drill Core	3.5	71.8	1.5
REP 1045957	QC			
1045981	Drill Core	4.2	63.1	1.3
REP 1045981	QC	4.2	65.2	1.2
1045987	Drill Core	3.9	79.9	1.5
REP 1045987	QC			
1045998	Drill Core	4.6	84.1	1.1
REP 1045998	QC	4.6	99.3	1.1
Core Reject Duplicates				
1045939	Drill Core	3.1	88.9	1.2
DUP 1045939	QC	2.9	91.0	1.2
1045974	Drill Core	3.8	47.0	1.3
DUP 1045974	QC	3.0	59.7	1.5
1046009	Drill Core	4.0	103.7	1.2
DUP 1046009	QC	4.0	102.6	1.2
Reference Materials				
STD OREAS24P	Standard	<0.1	20.6	3.2
STD OREAS24P	Standard	<0.1	20.8	3.2
STD OREAS24P	Standard	<0.1	20.7	3.6
STD OREAS24P	Standard	<0.1	19.9	3.6
STD OREAS24P	Standard	<0.1	21.8	3.3
STD OREAS24P	Standard	<0.1	19.2	3.3
STD OREAS45C	Standard	<0.1	23.8	4.3
STD OREAS45C	Standard	<0.1	22.3	4.4
STD OREAS45C	Standard	<0.1	23.1	4.5
STD OREAS45C	Standard	<0.1	23.1	4.0



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.2	604.4	26.1	82	0.3	329.2	104.4	1114	18.32	11	2.5	<0.1	11.1	36	0.2	0.8	0.2	250
STD OXH82	Standard		1.329																		
STD OXH82	Standard		1.392																		
STD OXH82	Standard		1.365																		
STD OXH82	Standard		1.332																		
STD OXH82	Standard		1.300																		
STD OXH82	Standard		1.273																		
STD OXH82	Standard		1.347																		
STD OXK79	Standard		3.767																		
STD OXK79	Standard		3.825																		
STD OXK79	Standard		3.770																		
STD OXK79	Standard		3.620																		
STD OXK79	Standard		3.643																		
STD OXK79	Standard		3.738																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
STD OREAS45C	Standard	0.45	0.047	27.9	950	0.25	275	1.192	7.34	0.090	0.33	1.0	161.5	50	3.1	12.8	22.0	1.4	1	58
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank																			
BLK	Blank																			



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	22.6	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.4	5.2	18.9	63	<0.1	2.7	5.3	788	2.36	3	2.6	<0.1	8.2	766	0.1	<0.1	0.3
G1	Prep Blank		<0.005	0.1	4.4	18.4	59	<0.1	2.1	4.9	771	2.23	4	2.4	<0.1	7.8	751	0.1	<0.1	0.2



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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.34	0.087	25.5	5	0.60	1088	0.246	7.14	2.826	3.23	0.1	11.8	56	1.4	15.8	26.5	1.5	2	5	37.5
G1	Prep Blank	2.30	0.081	25.6	5	0.55	1167	0.235	6.92	2.728	3.16	0.1	11.6	57	1.5	14.9	25.4	1.3	2	5	38.6



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: November 17, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000571.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	115.8	0.7
G1	Prep Blank	<0.1	110.6	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 11, 2011
Report Date: January 12, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000571.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_11&12
P.O. Number
Number of Samples: 111

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	106	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	111	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	111	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 12, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000571.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045922	Drill Core	6.51	<0.005	11.2	287.0	32.8	93	0.5	10.4	15.5	439	2.88	13	1.5	<0.1	4.1	434	0.7	4.0	0.3
1045923	Drill Core	5.70	<0.005	8.2	276.1	11.2	38	0.4	2.3	13.6	312	2.70	8	1.6	<0.1	4.3	375	0.2	1.7	0.2
1045924	Drill Core	3.68	<0.005	6.6	176.4	8.0	32	0.2	2.6	12.2	314	2.59	6	1.5	<0.1	4.0	403	0.1	1.0	0.2
1045925	Drill Core	6.10	0.006	4.3	644.6	97.3	330	2.4	2.9	19.5	558	3.23	27	1.4	<0.1	4.1	389	2.3	31.6	0.2
1045926	Drill Core	5.96	0.006	20.7	470.0	11.3	33	0.6	2.3	17.4	428	2.59	8	1.7	<0.1	4.4	406	0.3	1.3	0.2
1045927	Drill Core	5.69	<0.005	7.4	258.4	12.2	44	0.4	2.7	15.5	272	2.67	7	1.5	<0.1	4.1	422	0.2	1.1	0.2
1045928	Drill Core	6.05	<0.005	7.5	122.5	13.7	51	0.2	2.9	14.7	193	2.58	6	1.6	<0.1	4.3	440	0.4	0.3	0.2
1045929	Rock	0.65	<0.005	0.1	0.2	0.2	1	0.1	<0.1	5.0	21	0.05	12	1.3	<0.1	<0.1	3686	<0.1	<0.1	<0.1
1045930	Drill Core	6.19	<0.005	15.8	184.7	19.6	45	0.2	1.4	13.5	191	2.69	7	1.7	<0.1	4.4	402	0.4	0.4	0.1
1045931	Drill Core	5.94	0.008	11.2	356.9	13.2	39	0.4	3.5	19.9	249	2.94	13	1.6	<0.1	4.1	400	0.3	1.5	0.2
1045932	Drill Core	5.58	0.007	12.9	284.5	41.3	143	0.5	2.2	20.5	1049	2.44	91	1.9	<0.1	4.4	350	0.9	1.8	0.2
1045933	Drill Core	6.48	0.024	90.5	925.9	85.4	286	1.9	6.8	91.8	1566	5.44	332	1.9	<0.1	3.7	290	2.2	13.4	0.6
1045934	Drill Core	6.40	0.006	6.8	375.6	41.9	207	0.6	3.0	19.8	669	2.87	95	1.7	<0.1	4.1	391	0.8	4.8	0.1
1045935	Drill Core	5.85	0.012	16.2	519.3	15.5	70	0.7	3.8	28.4	345	3.17	35	1.8	<0.1	4.3	468	0.6	1.5	0.1
1045936	Drill Core	5.80	0.011	19.0	401.3	10.8	45	0.5	2.9	21.8	344	3.00	11	1.8	<0.1	4.3	474	0.4	0.4	0.1
1045937	Drill Core	6.53	0.009	44.7	379.1	18.7	85	0.9	3.8	26.6	650	2.77	30	1.6	<0.1	4.0	408	0.6	2.2	0.1
1045938	Rock Pulp	0.04	0.860	21.9	5350	6190	>10000	72.7	47.0	19.2	588	9.26	484	2.2	0.8	2.3	167	229.7	109.7	27.5
1045939	Drill Core	6.05	0.009	43.6	344.4	29.8	117	0.8	4.0	33.8	1293	3.24	58	1.6	<0.1	4.1	383	1.0	1.0	0.3
1045940	Drill Core	5.96	0.028	59.1	426.2	25.7	43	0.9	3.2	46.7	809	3.59	46	1.7	<0.1	4.1	402	0.5	1.5	0.3
1045941	Drill Core	5.63	<0.005	15.0	166.0	4.4	20	0.2	2.7	16.1	282	2.43	49	1.5	<0.1	4.0	336	0.2	0.4	<0.1
1045942	Drill Core	5.85	0.008	10.1	211.8	8.2	37	0.3	4.4	23.8	332	2.99	62	1.9	<0.1	4.4	480	0.2	0.7	0.1
1045943	Drill Core	5.48	0.011	28.7	260.8	5.7	26	0.3	3.3	19.2	399	3.30	87	2.4	<0.1	4.6	380	0.3	0.8	0.3
1045944	Drill Core	6.35	0.007	19.7	250.8	14.9	33	0.3	2.9	28.4	283	2.80	29	1.7	<0.1	4.1	300	0.4	0.7	0.1
1045945	Drill Core	5.28	0.009	12.1	207.5	148.3	658	1.3	3.0	22.2	891	2.35	17	1.4	<0.1	3.7	343	5.4	6.9	0.1
1045946	Drill Core	3.89	0.008	8.7	226.3	207.2	947	4.0	3.8	24.9	961	2.41	22	1.6	<0.1	3.8	359	7.5	23.0	0.1
1045947	Drill Core	5.35	0.005	14.1	247.7	5.7	21	0.3	3.2	28.5	360	3.52	6	1.3	<0.1	3.7	382	0.1	1.0	0.1
1045948	Drill Core	6.68	<0.005	7.5	113.1	11.1	48	0.2	3.6	15.2	176	2.46	5	1.7	<0.1	4.3	740	0.4	1.2	0.1
1045949	Drill Core	6.37	0.008	10.7	382.9	8.0	32	0.3	3.5	27.8	177	2.85	5	1.9	<0.1	4.0	548	0.3	0.3	0.1
1045950	Drill Core	5.82	0.008	33.5	276.3	15.3	50	0.3	3.9	21.1	169	2.11	5	2.6	<0.1	4.0	444	0.5	0.4	<0.1
1045951	Rock	0.64	<0.005	<0.1	0.7	<0.1	1	<0.1	<0.1	5.5	26	0.05	8	1.2	<0.1	<0.1	3937	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000571.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045922	Drill Core	2.03	0.102	14.4	13	0.70	51	0.068	6.93	2.377	2.53	0.8	34.8	32	1.1	7.6	2.0	0.1	<1	4
1045923	Drill Core	1.91	0.090	14.6	5	0.64	56	0.065	6.92	2.281	2.47	0.7	34.5	32	1.0	7.6	1.8	0.2	<1	4
1045924	Drill Core	2.13	0.092	13.3	5	0.66	53	0.063	7.16	2.411	2.49	0.6	33.7	30	0.8	7.7	1.8	0.2	<1	4
1045925	Drill Core	1.94	0.092	12.5	5	0.69	39	0.070	6.84	2.264	2.44	0.7	34.0	29	1.0	7.2	2.0	0.2	2	4
1045926	Drill Core	2.19	0.096	13.9	5	0.68	52	0.064	7.18	2.447	2.47	0.7	38.0	32	1.0	7.9	2.0	0.2	2	4
1045927	Drill Core	2.12	0.092	13.6	5	0.62	49	0.063	6.86	2.436	2.35	0.5	33.6	30	0.8	7.7	1.9	0.2	1	4
1045928	Drill Core	2.14	0.094	14.2	4	0.65	55	0.072	7.13	2.535	2.48	0.8	32.5	32	1.1	8.1	1.7	0.2	1	4
1045929	Rock	34.11	0.002	0.2	<1	2.08	8	<0.001	0.04	0.004	<0.01	<0.1	<0.1	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1045930	Drill Core	2.15	0.086	15.8	3	0.63	62	0.067	7.28	2.590	2.32	0.8	30.9	34	0.8	8.4	1.5	0.2	2	4
1045931	Drill Core	2.25	0.087	11.5	4	0.64	73	0.068	6.99	2.738	2.14	1.0	34.5	25	1.0	7.7	1.7	0.2	1	4
1045932	Drill Core	2.03	0.091	16.9	4	0.70	91	0.059	7.47	2.110	2.62	0.7	32.3	37	0.7	8.0	1.7	0.1	<1	4
1045933	Drill Core	1.50	0.097	18.6	3	0.62	35	0.044	6.60	0.622	2.99	2.2	27.9	40	1.6	8.8	1.2	0.1	<1	3
1045934	Drill Core	2.14	0.088	15.3	4	0.70	68	0.062	7.22	1.981	2.66	0.6	32.6	34	0.8	7.7	1.6	0.2	1	4
1045935	Drill Core	1.87	0.097	14.7	4	0.68	52	0.059	7.01	2.218	2.58	0.5	33.0	33	0.9	8.0	1.6	0.1	1	4
1045936	Drill Core	1.94	0.096	16.3	4	0.67	61	0.074	7.22	2.219	2.48	0.6	30.7	36	0.9	8.2	1.9	0.2	<1	4
1045937	Drill Core	2.00	0.099	16.2	5	0.63	74	0.064	6.46	1.873	2.59	0.8	30.4	35	0.8	8.3	1.8	0.2	<1	4
1045938	Rock Pulp	1.79	0.052	10.9	31	0.93	74	0.178	3.83	1.288	0.76	1.2	32.4	25	52.6	11.6	4.6	0.2	<1	8
1045939	Drill Core	1.86	0.091	14.5	4	0.65	67	0.055	6.91	1.915	2.72	0.9	33.7	31	0.8	7.8	1.8	0.1	2	4
1045940	Drill Core	2.20	0.099	15.9	4	0.67	60	0.050	6.96	1.592	2.91	1.1	31.3	34	0.9	8.2	1.5	0.1	1	4
1045941	Drill Core	1.87	0.094	15.4	5	0.67	93	0.053	6.72	2.071	2.37	0.7	30.7	33	0.7	7.0	1.6	0.1	1	4
1045942	Drill Core	1.63	0.096	15.6	4	0.67	58	0.056	7.25	2.089	2.68	0.6	35.1	34	0.9	8.3	1.9	0.2	1	4
1045943	Drill Core	1.52	0.103	18.8	5	0.73	60	0.052	7.09	1.593	2.93	1.0	33.0	39	1.0	8.6	1.8	0.1	2	4
1045944	Drill Core	1.96	0.094	14.7	4	0.67	81	0.056	6.72	2.412	2.06	0.9	31.4	32	0.7	7.2	1.7	0.2	<1	4
1045945	Drill Core	2.31	0.088	11.6	4	0.59	74	0.057	6.55	2.053	2.03	1.1	32.6	26	0.7	6.9	1.9	0.2	<1	3
1045946	Drill Core	2.50	0.087	13.4	4	0.56	84	0.050	6.63	1.915	1.98	1.6	30.9	30	0.8	7.2	1.6	0.2	2	3
1045947	Drill Core	1.99	0.099	8.9	5	0.61	43	0.054	6.84	2.526	2.15	0.7	30.2	20	0.6	6.7	1.5	0.1	1	3
1045948	Drill Core	1.91	0.101	14.7	4	0.64	58	0.060	7.09	2.672	2.30	0.7	31.9	32	0.7	7.5	1.7	0.2	2	4
1045949	Drill Core	2.05	0.102	15.0	4	0.67	44	0.054	7.03	2.786	2.33	0.4	33.8	34	0.6	8.4	1.6	0.2	2	4
1045950	Drill Core	1.89	0.086	17.5	2	0.60	53	0.052	7.02	2.645	2.32	0.7	31.8	37	1.1	7.9	1.7	0.1	2	3
1045951	Rock	34.93	<0.001	0.4	<1	1.74	9	0.001	0.06	0.006	<0.01	<0.1	0.2	<1	<0.1	0.5	0.1	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: January 12, 2012

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000571.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045922	Drill Core	3.2	66.7	1.2
1045923	Drill Core	3.0	70.3	1.2
1045924	Drill Core	2.8	66.8	1.2
1045925	Drill Core	3.6	69.3	1.2
1045926	Drill Core	3.1	65.5	1.2
1045927	Drill Core	3.1	62.3	1.3
1045928	Drill Core	2.9	65.9	1.2
1045929	Rock	<0.1	<0.1	<0.1
1045930	Drill Core	3.0	65.3	1.2
1045931	Drill Core	3.4	60.7	1.1
1045932	Drill Core	2.3	82.7	1.2
1045933	Drill Core	5.9	98.5	1.1
1045934	Drill Core	2.7	77.6	1.3
1045935	Drill Core	3.2	72.9	1.3
1045936	Drill Core	2.9	76.7	1.1
1045937	Drill Core	2.5	79.9	1.1
1045938	Rock Pulp	10.0	22.8	1.1
1045939	Drill Core	3.1	88.9	1.2
1045940	Drill Core	3.9	91.0	1.1
1045941	Drill Core	2.3	67.7	1.2
1045942	Drill Core	2.7	74.4	1.3
1045943	Drill Core	2.9	83.8	1.3
1045944	Drill Core	2.7	56.7	1.2
1045945	Drill Core	2.3	55.0	1.2
1045946	Drill Core	2.5	56.7	1.3
1045947	Drill Core	3.6	55.2	1.1
1045948	Drill Core	2.6	57.3	1.3
1045949	Drill Core	3.4	53.1	1.2
1045950	Drill Core	2.5	54.9	1.2
1045951	Rock	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000571.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1045952	Drill Core	5.34	0.008	16.4	524.9	12.1	41	0.5	3.6	35.6	241	3.74	13	1.9	<0.1	4.1	450	0.4	0.6	0.2
1045953	Drill Core	5.64	0.007	9.7	262.6	19.5	50	0.4	5.1	22.2	720	3.39	32	1.9	<0.1	3.7	467	0.3	1.5	0.2
1045954	Drill Core	6.09	0.010	16.1	550.6	20.7	62	0.8	4.4	28.4	1392	3.75	11	1.8	<0.1	4.1	432	0.4	1.8	0.3
1045955	Drill Core	5.62	0.005	8.3	184.1	12.2	37	0.3	2.7	13.4	310	2.22	11	2.1	<0.1	4.5	486	0.2	2.4	0.3
1045956	Rock Pulp	0.07	1.044	21.7	5155	6038	>10000	71.7	45.3	19.2	519	8.91	463	2.5	2.2	2.3	149	225.1	108.8	28.3
1045957	Drill Core	5.90	0.013	20.6	598.1	85.8	156	1.4	5.1	24.8	825	3.01	16	3.1	<0.1	5.0	400	1.1	9.4	0.3
1045958	Drill Core	6.53	0.025	13.5	313.1	29.5	86	0.7	3.2	29.1	849	3.64	20	2.0	<0.1	4.4	359	0.5	1.5	0.3
1045959	Drill Core	6.32	0.077	10.6	102.6	8.0	33	0.2	3.0	18.1	268	2.98	5	2.0	0.1	4.8	419	<0.1	0.5	0.2
1045960	Drill Core	6.06	0.008	5.7	382.7	3.0	17	0.3	3.1	15.7	287	2.70	5	1.8	<0.1	4.7	343	<0.1	0.6	0.2
1045961	Drill Core	6.10	<0.005	11.2	313.7	16.7	57	0.5	3.3	20.1	348	2.84	9	1.9	<0.1	4.8	300	0.3	2.5	0.2
1045962	Drill Core	6.19	<0.005	12.9	224.6	17.3	46	0.4	2.5	24.6	245	3.17	4	2.1	<0.1	4.6	467	0.2	1.3	0.1
1045963	Drill Core	5.72	<0.005	5.4	162.1	14.8	50	0.4	2.6	16.0	873	2.81	4	1.8	<0.1	4.6	443	0.5	0.7	0.4
1045964	Drill Core	5.83	0.009	35.1	410.7	18.1	54	0.6	3.8	27.0	693	3.19	7	1.9	<0.1	4.3	471	0.3	1.1	0.2
1045965	Drill Core	4.35	0.008	10.8	481.0	15.3	50	0.6	3.3	28.4	652	3.26	7	1.9	<0.1	4.6	426	0.3	1.4	0.2
1045966	Drill Core	6.47	<0.005	8.7	362.9	61.8	222	1.1	3.0	18.3	599	3.51	15	1.8	<0.1	4.2	396	1.3	7.4	0.1
1045967	Drill Core	5.69	0.009	9.8	393.7	81.7	528	3.6	2.4	25.3	1384	2.89	37	1.8	<0.1	4.3	590	3.4	34.2	0.1
1045968	Drill Core	6.14	<0.005	4.1	113.0	21.5	66	0.3	3.2	15.4	431	3.26	14	1.6	<0.1	4.4	519	0.2	1.7	0.1
1045969	Rock	0.61	<0.005	<0.1	1.2	0.4	1	<0.1	<0.1	<0.2	29	0.02	1	1.2	<0.1	<0.1	3934	<0.1	<0.1	<0.1
1045970	Drill Core	6.22	0.007	4.9	288.2	94.6	412	1.9	3.2	16.6	1347	3.41	24	1.8	<0.1	4.1	610	2.6	15.9	0.1
1045971	Drill Core	6.34	<0.005	5.5	47.2	15.5	45	0.5	3.1	12.8	395	2.32	4	1.7	<0.1	4.4	388	0.2	2.6	<0.1
1045972	Drill Core	6.06	<0.005	14.9	120.4	16.7	47	0.4	2.4	19.4	275	1.79	5	1.6	<0.1	4.8	367	0.3	3.4	0.2
1045973	Drill Core	6.58	0.018	10.0	139.9	53.9	107	0.9	3.0	20.4	694	3.03	5	2.3	<0.1	5.1	317	0.6	4.8	0.3
1045974	Drill Core	5.89	<0.005	7.2	34.3	24.8	40	0.3	2.5	16.6	184	2.97	2	2.3	<0.1	4.9	305	0.3	1.8	0.1
1045975	Rock Pulp	0.15	0.931	148.3	3509	49.8	122	3.2	27.9	19.8	458	4.64	62	1.2	1.1	2.6	208	0.7	7.7	0.7
1045976	Drill Core	6.20	0.008	4.3	112.0	8.7	17	0.1	2.8	18.6	155	3.44	9	1.9	<0.1	3.9	491	<0.1	0.4	0.1
1045977	Drill Core	6.92	0.006	14.7	102.1	13.4	41	0.1	3.2	24.0	141	3.11	6	1.8	<0.1	4.5	550	0.2	0.4	0.1
1045978	Drill Core	6.21	0.009	7.4	39.3	31.2	82	0.3	2.6	20.8	207	3.32	10	1.8	<0.1	4.4	404	0.4	1.3	0.1
1045979	Drill Core	6.29	0.026	4.8	23.3	9.3	20	<0.1	2.1	13.9	178	3.23	2	1.8	<0.1	4.6	378	0.2	0.7	0.1
1045980	Drill Core	5.79	<0.005	6.9	19.5	12.6	30	0.1	2.8	22.6	217	3.27	3	1.6	<0.1	3.9	441	0.2	0.7	0.2
1045981	Drill Core	6.07	<0.005	9.9	23.6	9.6	23	0.1	3.0	22.9	152	3.08	3	1.8	<0.1	4.4	484	0.2	0.5	0.1



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000571.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045952	Drill Core	1.96	0.091	14.8	3	0.64	29	0.061	6.88	2.605	2.33	0.7	32.4	33	0.7	8.2	1.6	0.2	1	4
1045953	Drill Core	1.90	0.105	13.2	4	0.72	42	0.061	6.45	1.982	2.48	0.6	41.1	30	0.7	8.6	1.7	0.2	2	4
1045954	Drill Core	1.95	0.092	15.4	4	0.66	51	0.063	6.99	2.162	2.61	0.8	31.9	33	1.0	8.2	1.8	0.2	1	4
1045955	Drill Core	2.21	0.095	17.6	2	0.62	70	0.048	7.09	2.495	2.35	0.5	34.4	36	0.8	7.9	1.7	0.1	2	4
1045956	Rock Pulp	1.76	0.051	11.0	27	0.89	28	0.171	3.74	1.234	0.69	1.2	28.3	23	53.5	10.8	4.3	0.2	<1	7
1045957	Drill Core	2.16	0.111	17.8	3	0.76	68	0.054	7.27	1.961	2.64	0.5	44.5	36	0.9	8.3	1.5	0.1	1	4
1045958	Drill Core	1.95	0.092	14.6	3	0.58	35	0.052	7.15	1.699	2.71	1.0	30.1	32	1.2	7.4	1.4	0.1	<1	4
1045959	Drill Core	1.80	0.092	17.6	5	0.66	40	0.051	7.02	2.409	2.34	0.5	32.7	38	0.6	7.8	1.7	0.1	<1	4
1045960	Drill Core	1.85	0.087	14.9	3	0.63	47	0.041	6.97	2.377	2.30	0.4	34.6	30	0.6	7.1	1.5	0.1	1	4
1045961	Drill Core	2.19	0.092	14.1	2	0.59	70	0.045	7.04	2.075	2.45	0.8	32.7	28	0.6	7.2	1.8	0.1	<1	3
1045962	Drill Core	1.94	0.089	16.1	3	0.61	40	0.053	7.29	2.512	2.43	0.6	28.2	34	0.8	7.2	1.4	0.1	2	4
1045963	Drill Core	2.21	0.096	18.7	3	0.64	59	0.057	7.98	2.502	2.67	0.7	33.3	35	0.7	7.1	1.8	0.1	2	4
1045964	Drill Core	2.10	0.092	15.1	2	0.64	44	0.046	7.42	2.106	2.66	0.6	32.7	34	0.6	6.9	1.7	0.1	1	3
1045965	Drill Core	1.78	0.094	15.6	2	0.66	55	0.050	8.05	2.239	2.69	0.6	33.5	34	0.8	6.5	1.7	0.1	2	4
1045966	Drill Core	1.64	0.109	14.8	3	0.60	41	0.051	7.42	1.475	2.94	1.0	32.6	33	1.6	6.6	1.9	0.1	1	6
1045967	Drill Core	2.59	0.096	16.6	3	0.72	55	0.071	7.69	2.108	2.67	1.1	30.9	37	0.8	6.9	1.7	0.1	1	4
1045968	Drill Core	2.19	0.096	14.9	2	0.62	194	0.063	7.74	2.511	2.51	0.6	33.7	33	0.6	7.1	1.7	0.2	2	4
1045969	Rock	37.03	0.004	0.4	<1	1.73	11	<0.001	0.05	0.008	<0.01	<0.1	0.5	<1	<0.1	0.3	0.1	<0.1	<1	<1
1045970	Drill Core	2.29	0.101	16.1	2	0.67	51	0.065	8.08	1.928	2.64	1.1	32.7	35	0.7	7.1	2.0	0.1	1	4
1045971	Drill Core	2.44	0.088	8.4	2	0.59	105	0.043	7.65	2.640	2.25	0.7	40.8	17	0.7	5.8	1.5	0.1	1	3
1045972	Drill Core	2.57	0.077	7.6	2	0.41	214	0.045	6.98	2.682	1.97	0.8	35.1	14	0.5	5.9	1.6	0.1	<1	2
1045973	Drill Core	1.74	0.084	17.2	3	0.60	99	0.054	7.30	1.821	2.59	0.6	37.8	33	0.8	7.2	1.7	0.1	1	3
1045974	Drill Core	2.00	0.087	19.5	3	0.59	66	0.049	7.35	2.290	1.80	0.6	38.0	35	0.6	7.3	1.7	0.1	1	4
1045975	Rock Pulp	0.35	0.099	14.8	45	0.81	366	0.247	6.03	1.083	2.72	25.4	20.9	27	3.1	10.0	3.1	0.2	1	11
1045976	Drill Core	1.86	0.088	12.1	3	0.53	36	0.043	6.41	2.256	2.20	0.5	37.8	27	0.4	6.3	1.4	0.1	2	3
1045977	Drill Core	2.13	0.086	13.0	3	0.55	31	0.045	7.01	2.065	2.36	0.5	40.0	28	0.7	6.8	1.6	0.1	1	3
1045978	Drill Core	2.15	0.087	16.8	3	0.54	38	0.041	6.71	1.648	2.52	0.8	37.8	35	1.0	7.1	1.4	0.1	<1	4
1045979	Drill Core	2.03	0.102	14.2	2	0.56	38	0.045	7.02	1.836	2.48	0.7	40.4	31	0.8	6.8	1.6	0.1	1	4
1045980	Drill Core	2.74	0.090	9.3	2	0.52	36	0.036	6.74	1.758	2.48	0.9	37.1	21	0.8	6.1	1.2	<0.1	1	3
1045981	Drill Core	2.28	0.093	13.3	2	0.54	41	0.040	6.86	1.830	2.52	0.7	39.6	28	0.5	6.8	1.4	<0.1	2	3



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045952	Drill Core	4.1	61.5	1.3
1045953	Drill Core	3.6	74.4	1.4
1045954	Drill Core	3.9	93.4	1.2
1045955	Drill Core	2.7	63.2	1.1
1045956	Rock Pulp	9.8	21.7	1.0
1045957	Drill Core	3.5	71.8	1.5
1045958	Drill Core	4.0	77.7	1.1
1045959	Drill Core	3.2	60.1	1.1
1045960	Drill Core	3.1	67.3	1.3
1045961	Drill Core	3.5	70.4	1.3
1045962	Drill Core	3.7	70.0	1.0
1045963	Drill Core	3.1	89.4	1.1
1045964	Drill Core	3.4	92.7	1.2
1045965	Drill Core	3.3	91.7	1.2
1045966	Drill Core	3.9	101.1	1.1
1045967	Drill Core	3.2	98.6	1.1
1045968	Drill Core	3.6	86.2	1.3
1045969	Rock	<0.1	0.2	<0.1
1045970	Drill Core	3.4	94.4	1.1
1045971	Drill Core	3.4	72.3	1.3
1045972	Drill Core	3.0	62.4	1.3
1045973	Drill Core	3.2	82.5	1.4
1045974	Drill Core	3.8	47.0	1.3
1045975	Rock Pulp	2.6	63.8	0.6
1045976	Drill Core	4.3	56.2	1.4
1045977	Drill Core	4.2	62.4	1.4
1045978	Drill Core	4.2	69.6	1.3
1045979	Drill Core	4.1	68.4	1.4
1045980	Drill Core	4.5	59.5	1.3
1045981	Drill Core	4.2	63.1	1.3



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
1045982	Drill Core	5.93	<0.005	8.8	94.0	5.4	16	0.1	2.1	23.3	170	2.77	3	1.7	<0.1	4.2	453	<0.1	0.4	<0.1	27
1045983	Drill Core	6.10	<0.005	9.2	153.4	24.6	70	0.2	3.5	34.5	167	4.86	3	1.9	<0.1	4.0	374	0.5	0.5	0.2	30
1045984	Drill Core	5.62	<0.005	132.2	103.0	6.5	19	0.2	2.9	28.1	186	3.98	3	2.1	<0.1	3.9	503	0.2	0.7	0.2	26
1045985	Rock	0.66	<0.005	1.0	3.0	<0.1	<1	<0.1	<0.1	0.9	27	0.05	<1	1.3	<0.1	<0.1	4616	<0.1	<0.1	<0.1	1
1045986	Drill Core	5.27	<0.005	40.5	59.3	6.6	18	0.1	3.0	34.5	290	3.85	3	1.7	<0.1	3.8	419	<0.1	0.7	0.3	30
1045987	Drill Core	6.20	<0.005	6.6	18.6	3.6	14	<0.1	2.4	16.5	329	2.87	3	1.9	<0.1	4.3	341	<0.1	0.8	0.3	30
1045988	Drill Core	6.50	<0.005	7.0	41.5	41.9	194	0.4	2.8	14.0	826	3.30	10	1.8	<0.1	4.4	441	1.6	2.1	0.4	22
1045989	Drill Core	5.07	<0.005	149.1	137.0	89.9	349	1.8	3.7	43.7	934	3.55	30	1.9	<0.1	4.5	535	2.6	21.3	0.3	23
1045990	Drill Core	4.50	<0.005	99.4	137.7	77.2	280	1.7	3.4	41.1	818	3.82	26	2.0	<0.1	4.1	480	1.7	19.8	0.5	24
1045991	Drill Core	6.60	<0.005	19.0	46.9	83.4	337	0.9	3.5	20.0	1322	3.32	16	2.3	<0.1	5.1	734	2.3	6.7	0.4	32
1045992	Drill Core	6.62	<0.005	5.7	106.0	12.5	36	0.4	12.3	26.7	368	3.72	24	2.5	<0.1	6.0	366	0.1	3.5	0.2	42
1045993	Drill Core	6.57	<0.005	2.7	97.5	5.4	25	0.2	68.7	26.4	307	2.89	36	2.1	<0.1	7.6	289	0.1	3.2	0.2	117
1045994	Drill Core	6.00	<0.005	4.3	74.0	4.4	26	0.1	64.6	33.7	265	4.92	34	1.8	<0.1	6.7	140	<0.1	1.2	0.1	116
1045995	Rock Pulp	0.16	0.454	147.5	3830	28.5	69	2.5	38.5	21.5	407	4.54	46	1.3	0.3	2.9	229	0.3	3.8	0.4	215
1045996	Drill Core	6.12	<0.005	3.0	99.5	4.7	25	0.2	63.7	21.4	375	3.59	34	1.6	<0.1	6.4	284	<0.1	1.8	0.2	111
1045997	Drill Core	6.29	<0.005	2.7	113.3	84.1	332	1.2	59.7	25.0	825	4.24	38	1.7	<0.1	6.3	673	2.4	9.9	0.2	101
1045998	Drill Core	5.78	<0.005	2.3	139.9	17.8	61	0.5	52.8	26.4	442	4.76	37	1.5	<0.1	5.2	605	0.4	5.8	0.3	98
1045999	Drill Core	7.32	0.021	2.9	108.2	103.4	535	1.9	64.3	23.2	1445	4.53	23	1.4	<0.1	4.4	602	4.4	13.9	0.5	96
1046000	Drill Core	7.49	<0.005	2.0	100.2	48.2	193	0.4	50.5	15.0	662	2.97	27	1.7	<0.1	6.1	576	1.5	3.9	0.4	94
1046001	Drill Core	7.89	0.005	1.2	31.8	6.6	30	0.1	56.3	15.1	300	2.55	13	2.0	<0.1	6.7	1345	<0.1	0.9	0.1	95
1046002	Drill Core	6.81	<0.005	2.3	53.4	9.0	33	0.1	55.6	22.5	241	3.77	14	1.6	<0.1	6.2	2965	0.1	1.1	0.2	84
1046003	Drill Core	7.37	<0.005	3.3	85.1	43.0	60	0.3	55.2	15.3	664	2.57	37	2.0	<0.1	7.9	393	0.3	18.9	<0.1	109
1046004	Drill Core	6.23	<0.005	6.8	383.7	12.6	67	0.7	65.1	24.5	440	3.00	135	2.0	<0.1	8.4	266	0.4	28.8	<0.1	117
1046005	Drill Core	6.94	<0.005	3.5	166.5	28.8	114	0.5	53.6	18.8	930	2.71	60	2.2	<0.1	7.6	422	0.7	15.7	<0.1	103
1046006	Drill Core	4.50	0.010	3.4	198.1	33.9	126	0.6	56.7	17.6	926	2.69	69	1.9	<0.1	7.7	402	0.8	17.6	0.1	98
1046007	Drill Core	6.87	<0.005	4.2	138.3	38.8	80	1.0	60.9	17.9	507	2.97	29	2.2	<0.1	8.3	346	0.6	10.5	<0.1	100
1046008	Drill Core	7.25	<0.005	3.9	52.9	16.0	31	0.4	50.0	15.0	447	2.52	21	1.9	<0.1	6.5	941	0.2	10.5	<0.1	102
1046009	Drill Core	6.93	0.016	8.5	177.3	91.0	322	2.5	56.1	19.4	782	3.88	37	1.9	<0.1	5.4	2052	2.2	16.9	0.2	87
1046010	Drill Core	7.23	<0.005	3.8	125.2	5.2	18	0.2	52.5	29.7	283	5.35	10	1.9	<0.1	5.6	438	<0.1	1.2	<0.1	76
1046011	Drill Core	6.92	<0.005	17.2	308.5	60.2	61	3.5	44.2	16.1	192	3.60	5	1.5	<0.1	4.7	632	0.5	9.4	0.2	67



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1045982	Drill Core	1.88	0.088	12.2	2	0.57	36	0.038	6.65	2.329	2.21	0.3	39.3	27	0.4	5.9	1.4	0.1	1	3
1045983	Drill Core	1.76	0.082	11.9	2	0.55	20	0.036	6.63	1.874	2.51	0.5	37.6	27	0.6	6.1	1.2	<0.1	2	3
1045984	Drill Core	2.30	0.091	17.4	2	0.49	29	0.034	6.48	1.997	2.30	0.5	40.9	35	0.5	7.6	1.3	0.1	<1	3
1045985	Rock	32.88	0.004	0.9	<1	1.65	27	0.001	0.10	0.020	0.03	<0.1	0.6	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1045986	Drill Core	2.58	0.089	15.7	1	0.51	32	0.037	6.43	1.807	2.52	1.0	39.4	35	0.7	7.2	1.4	0.1	1	3
1045987	Drill Core	2.42	0.087	10.0	2	0.61	57	0.044	6.87	1.883	2.59	1.1	45.8	22	0.7	6.9	1.7	0.1	<1	3
1045988	Drill Core	2.16	0.086	12.5	2	0.58	62	0.040	6.98	1.362	2.70	0.9	42.9	28	1.3	7.4	1.4	<0.1	1	3
1045989	Drill Core	2.05	0.084	19.0	1	0.59	54	0.037	7.12	1.209	2.76	0.7	44.3	36	0.4	7.8	1.3	<0.1	2	3
1045990	Drill Core	1.71	0.079	17.8	2	0.56	46	0.039	6.28	1.175	2.63	0.8	42.5	32	0.5	7.5	1.6	0.2	1	3
1045991	Drill Core	1.99	0.097	9.6	2	0.71	73	0.050	8.87	0.983	2.97	0.8	51.7	19	0.7	7.0	1.8	0.1	1	5
1045992	Drill Core	1.98	0.095	9.6	13	0.93	69	0.049	9.08	1.201	2.49	0.7	59.1	18	0.6	7.9	1.7	0.1	2	7
1045993	Drill Core	1.86	0.084	18.8	78	1.12	163	0.093	8.97	0.548	2.88	0.5	55.4	40	0.7	9.8	1.6	0.1	1	17
1045994	Drill Core	1.87	0.088	19.0	73	1.11	42	0.097	8.51	0.554	2.78	0.5	43.9	38	0.7	10.6	1.3	0.1	1	17
1045995	Rock Pulp	0.39	0.110	15.9	65	1.03	352	0.284	5.93	1.454	3.39	12.5	26.6	29	2.5	11.1	3.0	0.2	<1	15
1045996	Drill Core	1.51	0.064	17.2	73	1.09	106	0.091	7.32	0.641	2.87	0.4	38.5	36	0.6	8.3	1.7	0.1	2	14
1045997	Drill Core	1.65	0.058	20.3	61	1.06	58	0.090	6.70	0.260	3.01	0.6	42.7	41	0.7	8.3	1.8	0.1	<1	12
1045998	Drill Core	1.46	0.059	16.4	69	1.08	49	0.053	6.15	0.096	2.98	0.6	34.5	33	0.6	7.8	0.7	<0.1	2	12
1045999	Drill Core	1.36	0.085	9.7	68	0.91	32	0.052	6.08	0.113	3.22	0.7	34.1	22	0.8	8.3	0.8	<0.1	1	11
1046000	Drill Core	1.52	0.056	21.2	70	1.12	80	0.054	6.57	0.093	3.21	0.6	40.6	43	0.6	8.0	0.9	<0.1	1	11
1046001	Drill Core	1.54	0.063	16.7	72	1.08	120	0.063	7.11	0.615	2.84	0.5	47.0	33	0.5	9.6	1.0	<0.1	1	13
1046002	Drill Core	1.53	0.055	12.4	57	1.11	52	0.045	6.74	0.836	2.65	0.5	43.4	25	0.4	8.1	0.9	<0.1	2	12
1046003	Drill Core	2.17	0.066	23.3	65	1.34	490	0.115	7.68	0.265	3.27	0.6	49.2	46	0.7	10.0	1.8	0.1	2	14
1046004	Drill Core	1.81	0.071	25.7	72	1.17	93	0.098	8.87	0.350	3.32	0.7	51.7	52	0.7	11.0	1.5	0.1	2	17
1046005	Drill Core	2.31	0.060	16.3	67	1.29	275	0.103	7.21	0.556	3.03	0.6	55.4	35	0.8	9.1	1.4	0.1	1	13
1046006	Drill Core	2.33	0.064	17.0	65	1.30	297	0.105	7.15	0.546	2.89	0.6	54.9	36	0.7	9.0	1.3	0.1	<1	12
1046007	Drill Core	1.86	0.063	26.9	69	1.20	100	0.079	8.30	0.480	3.09	0.7	55.2	52	0.6	10.4	1.2	<0.1	2	15
1046008	Drill Core	1.42	0.058	14.8	70	1.03	122	0.058	6.94	0.923	2.91	0.5	41.3	30	0.6	7.5	1.0	<0.1	2	13
1046009	Drill Core	1.37	0.045	10.1	62	1.01	84	0.044	6.35	0.660	2.83	0.9	39.7	21	0.7	6.1	0.7	<0.1	1	11
1046010	Drill Core	1.59	0.049	20.5	69	0.76	51	0.031	5.79	0.966	2.01	0.4	34.9	39	0.5	7.9	0.5	<0.1	1	10
1046011	Drill Core	2.05	0.048	8.4	70	0.67	93	0.036	5.68	1.063	2.16	0.6	37.6	18	0.6	7.1	0.6	<0.1	1	10



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1045982	Drill Core	3.5	57.3	1.3
1045983	Drill Core	6.0	64.7	1.2
1045984	Drill Core	5.3	64.8	1.3
1045985	Rock	0.2	0.6	<0.1
1045986	Drill Core	5.3	77.4	1.3
1045987	Drill Core	3.9	79.9	1.5
1045988	Drill Core	3.7	98.8	1.4
1045989	Drill Core	4.3	97.4	1.4
1045990	Drill Core	4.3	83.1	1.5
1045991	Drill Core	3.4	102.8	1.6
1045992	Drill Core	3.6	85.5	1.8
1045993	Drill Core	2.3	93.0	1.6
1045994	Drill Core	4.2	97.8	1.2
1045995	Rock Pulp	2.0	74.6	0.9
1045996	Drill Core	2.7	95.3	1.3
1045997	Drill Core	3.6	85.4	1.1
1045998	Drill Core	4.6	84.1	1.1
1045999	Drill Core	4.5	112.2	1.1
1046000	Drill Core	2.7	108.5	1.3
1046001	Drill Core	2.4	107.7	1.4
1046002	Drill Core	3.9	87.8	1.3
1046003	Drill Core	1.6	84.0	1.5
1046004	Drill Core	2.3	87.8	1.5
1046005	Drill Core	2.0	74.6	1.6
1046006	Drill Core	2.0	78.0	1.5
1046007	Drill Core	2.5	111.3	1.5
1046008	Drill Core	2.2	97.5	1.2
1046009	Drill Core	4.0	103.7	1.2
1046010	Drill Core	6.1	61.1	1.0
1046011	Drill Core	4.7	65.0	1.1



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046012	Rock	0.55	<0.005	0.2	2.6	0.4	2	<0.1	1.5	0.2	43	0.08	1	1.5	<0.1	<0.1	4316	<0.1	0.1	<0.1
1046013	Drill Core	7.56	<0.005	14.8	197.4	6.1	17	0.1	65.0	14.9	113	2.91	2	2.0	<0.1	5.5	330	<0.1	0.3	0.1
1046014	Drill Core	6.54	<0.005	19.0	557.4	13.4	49	0.7	48.6	16.9	274	2.50	8	1.8	<0.1	5.7	448	0.2	0.6	0.2
1046015	Drill Core	7.43	0.011	4.6	323.7	8.5	30	0.5	51.6	14.3	442	2.58	13	2.1	<0.1	6.6	282	<0.1	1.0	0.4
1046016	Drill Core	11.74	<0.005	3.1	109.4	13.9	50	0.1	68.9	18.0	228	3.94	18	1.7	<0.1	6.5	228	0.2	1.6	0.3
1046017	Drill Core	12.44	<0.005	3.1	63.4	5.0	26	<0.1	69.9	28.4	208	5.62	12	1.4	<0.1	5.3	178	<0.1	2.4	0.2
1046018	Rock Pulp	0.16	0.458	148.8	3785	29.2	73	2.6	39.0	21.5	423	4.70	44	1.3	0.4	3.0	234	0.5	4.2	0.4
1046019	Drill Core	12.61	<0.005	1.4	71.0	10.3	53	0.2	55.1	12.2	314	3.59	22	1.6	<0.1	5.9	198	0.3	15.2	0.2
1046020	Drill Core	12.91	0.006	1.8	43.1	8.6	36	<0.1	65.5	14.6	269	3.95	20	1.7	<0.1	6.3	206	0.1	7.6	0.2
1046021	Drill Core	10.18	<0.005	2.0	89.1	6.8	32	0.1	76.8	26.7	273	5.25	22	1.6	<0.1	6.2	139	0.1	5.8	0.2
1046022	Drill Core	13.22	<0.005	3.0	55.2	4.3	23	<0.1	64.7	16.9	306	3.56	34	1.7	<0.1	6.9	128	0.1	7.8	0.1
1046023	Drill Core	7.24	0.009	3.1	91.3	5.5	26	0.1	79.0	15.8	320	3.36	35	2.1	<0.1	8.1	269	0.2	8.7	0.2
1046024	Drill Core	12.63	0.005	3.0	152.2	7.0	24	<0.1	11.1	25.3	224	5.85	20	1.4	<0.1	3.2	269	<0.1	23.0	0.2
1046025	Rock	0.65	<0.005	<0.1	0.8	0.3	<1	<0.1	0.8	<0.2	26	<0.01	<1	1.2	<0.1	<0.1	3877	<0.1	<0.1	<0.1
1046026	Drill Core	8.52	<0.005	3.1	42.1	4.4	19	0.1	65.8	13.4	211	3.91	31	1.7	<0.1	6.8	328	<0.1	3.6	0.2
1046027	Drill Core	12.60	<0.005	2.5	44.9	3.3	18	<0.1	77.3	19.5	214	4.60	22	1.6	<0.1	6.2	162	<0.1	3.4	<0.1
1046028	Drill Core	11.47	<0.005	1.8	44.9	3.3	32	<0.1	72.3	16.7	214	4.31	21	1.7	<0.1	6.1	158	0.2	2.5	0.1
1046029	Drill Core	5.75	<0.005	1.7	49.7	2.9	36	<0.1	76.0	16.5	203	4.09	22	1.8	<0.1	6.4	136	0.2	2.8	0.1
1046030	Drill Core	12.29	<0.005	6.8	43.9	3.7	16	<0.1	77.2	21.1	148	4.39	27	1.5	<0.1	5.7	110	<0.1	2.2	0.2
1046031	Drill Core	13.97	<0.005	1.4	15.3	3.4	23	<0.1	55.3	9.5	160	3.18	20	1.5	<0.1	5.1	383	0.2	1.8	0.3
1046032	Drill Core	11.77	0.012	5.3	28.8	9.3	32	<0.1	10.8	20.6	187	5.73	10	1.7	<0.1	4.3	1010	0.1	2.7	3.5



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046012	Rock	35.37	0.005	0.3	1	1.86	13	0.007	0.17	0.038	0.03	<0.1	0.6	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1046013	Drill Core	2.23	0.051	25.2	66	0.91	162	0.039	5.91	1.731	1.97	0.7	43.1	50	0.6	8.5	0.8	<0.1	1	10
1046014	Drill Core	1.99	0.052	17.2	66	0.88	247	0.050	6.14	1.876	2.03	0.7	43.9	33	0.7	8.9	0.9	<0.1	1	10
1046015	Drill Core	1.56	0.061	24.3	66	1.03	257	0.064	6.82	1.249	2.59	0.8	44.0	46	0.7	9.1	0.8	<0.1	1	12
1046016	Drill Core	1.64	0.064	19.7	75	1.15	68	0.066	8.00	0.442	1.97	0.7	42.3	40	1.4	7.2	0.8	<0.1	1	15
1046017	Drill Core	1.27	0.062	15.4	58	1.04	31	0.061	6.22	0.437	1.85	1.0	36.1	32	1.3	6.9	0.7	<0.1	1	12
1046018	Rock Pulp	0.39	0.105	17.3	62	1.06	348	0.270	6.87	1.464	3.94	14.8	26.1	32	2.6	11.3	2.8	0.2	1	16
1046019	Drill Core	1.09	0.061	18.4	77	1.13	127	0.080	6.22	0.336	2.36	1.8	39.2	37	1.6	6.6	1.2	<0.1	<1	12
1046020	Drill Core	1.36	0.066	20.1	73	1.06	93	0.069	7.48	0.568	2.01	1.2	41.1	40	1.2	7.7	0.9	<0.1	2	14
1046021	Drill Core	1.05	0.061	16.5	72	1.01	47	0.087	6.64	0.338	2.22	1.3	39.5	35	1.4	7.3	1.0	<0.1	1	13
1046022	Drill Core	0.76	0.069	18.9	84	1.00	579	0.117	7.02	0.342	2.67	0.9	39.3	39	1.2	7.7	1.8	0.1	2	14
1046023	Drill Core	1.67	0.090	22.8	95	1.18	623	0.181	10.02	0.559	2.17	0.8	47.2	48	1.5	11.2	2.3	0.2	1	22
1046024	Drill Core	2.47	0.117	11.3	3	1.08	53	0.034	6.88	0.362	1.12	0.4	48.6	25	0.8	8.9	0.5	<0.1	2	6
1046025	Rock	35.68	0.004	0.2	<1	2.24	7	0.002	0.06	0.005	<0.01	0.9	0.2	<1	<0.1	0.3	0.1	<0.1	<1	<1
1046026	Drill Core	0.87	0.091	17.2	85	1.29	121	0.161	8.14	0.556	2.76	1.5	43.9	37	1.5	7.6	2.6	0.2	2	18
1046027	Drill Core	0.87	0.077	16.5	81	1.26	60	0.130	8.09	0.557	2.65	1.3	42.7	36	1.7	7.6	2.1	0.2	2	19
1046028	Drill Core	0.49	0.075	17.7	73	1.22	70	0.126	7.11	0.569	2.86	1.2	42.1	39	1.4	7.6	2.1	0.2	2	15
1046029	Drill Core	0.40	0.072	19.5	77	1.21	104	0.132	7.15	0.577	2.90	1.1	42.9	43	1.2	7.4	2.3	0.2	2	15
1046030	Drill Core	0.51	0.070	16.5	75	1.16	80	0.122	7.26	0.560	2.99	1.4	39.3	36	1.3	7.0	2.0	0.1	2	15
1046031	Drill Core	0.86	0.059	16.3	71	0.76	74	0.076	6.14	0.588	2.29	1.4	42.4	35	1.1	6.6	1.3	0.1	2	12
1046032	Drill Core	1.74	0.132	16.9	11	0.91	34	0.056	8.66	0.636	1.97	1.4	48.6	36	1.4	9.0	1.1	<0.1	1	8



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046012	Rock	<0.1	0.5	<0.1
1046013	Drill Core	3.8	58.7	1.2
1046014	Drill Core	3.0	68.6	1.3
1046015	Drill Core	2.3	94.3	1.3
1046016	Drill Core	2.9	70.7	1.2
1046017	Drill Core	5.1	63.2	1.0
1046018	Rock Pulp	2.0	82.7	0.8
1046019	Drill Core	2.4	77.6	1.2
1046020	Drill Core	2.9	70.0	1.3
1046021	Drill Core	4.0	71.6	1.1
1046022	Drill Core	1.7	72.9	1.2
1046023	Drill Core	1.5	77.7	1.2
1046024	Drill Core	5.7	25.4	1.3
1046025	Rock	<0.1	<0.1	<0.1
1046026	Drill Core	1.9	85.4	1.2
1046027	Drill Core	2.8	81.6	1.2
1046028	Drill Core	2.4	83.5	1.3
1046029	Drill Core	2.1	82.6	1.3
1046030	Drill Core	2.6	88.2	1.2
1046031	Drill Core	2.7	66.9	1.3
1046032	Drill Core	5.7	57.3	1.6



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Project: Poplar Drilling

Report Date: January 12, 2012

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QUALITY CONTROL REPORT

SMI11000571.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1045943	Drill Core	5.48	0.011	28.7	260.8	5.7	26	0.3	3.3	19.2	399	3.30	87	2.4	<0.1	4.6	380	0.3	0.8	0.3	38
REP 1045943	QC			28.0	257.6	5.6	22	0.3	2.6	18.9	400	3.27	86	2.4	<0.1	4.6	382	0.3	0.8	0.3	38
1045957	Drill Core	5.90	0.013	20.6	598.1	85.8	156	1.4	5.1	24.8	825	3.01	16	3.1	<0.1	5.0	400	1.1	9.4	0.3	35
REP 1045957	QC		0.012																		
1045981	Drill Core	6.07	<0.005	9.9	23.6	9.6	23	0.1	3.0	22.9	152	3.08	3	1.8	<0.1	4.4	484	0.2	0.5	0.1	37
REP 1045981	QC			8.7	24.3	8.4	25	0.1	2.8	21.8	151	3.04	3	1.7	<0.1	4.5	498	0.2	0.4	0.1	36
1045987	Drill Core	6.20	<0.005	6.6	18.6	3.6	14	<0.1	2.4	16.5	329	2.87	3	1.9	<0.1	4.3	341	<0.1	0.8	0.3	30
REP 1045987	QC		<0.005																		
1045998	Drill Core	5.78	<0.005	2.3	139.9	17.8	61	0.5	52.8	26.4	442	4.76	37	1.5	<0.1	5.2	605	0.4	5.8	0.3	98
REP 1045998	QC			2.6	139.3	18.8	59	0.6	49.6	26.0	449	4.72	38	1.5	<0.1	5.4	589	0.3	5.5	0.2	100
Core Reject Duplicates																					
1045939	Drill Core	6.05	0.009	43.6	344.4	29.8	117	0.8	4.0	33.8	1293	3.24	58	1.6	<0.1	4.1	383	1.0	1.0	0.3	35
DUP 1045939	QC		0.007	39.3	327.1	29.0	97	0.6	3.6	30.1	1257	3.11	56	1.6	<0.1	4.3	373	0.7	1.0	0.2	32
1045974	Drill Core	5.89	<0.005	7.2	34.3	24.8	40	0.3	2.5	16.6	184	2.97	2	2.3	<0.1	4.9	305	0.3	1.8	0.1	32
DUP 1045974	QC		<0.005	6.0	29.8	14.8	31	0.2	2.0	12.9	175	2.47	2	2.4	<0.1	5.2	316	0.2	1.2	<0.1	31
1046009	Drill Core	6.93	0.016	8.5	177.3	91.0	322	2.5	56.1	19.4	782	3.88	37	1.9	<0.1	5.4	2052	2.2	16.9	0.2	87
DUP 1046009	QC		0.012	8.9	179.4	92.7	300	2.8	54.0	18.2	792	3.75	36	1.8	<0.1	5.5	2163	2.3	18.0	0.2	89
Reference Materials																					
STD OREAS24P	Standard			1.3	48.3	3.0	114	<0.1	136.7	44.5	1070	7.29	1	0.7	<0.1	2.8	389	0.2	0.2	<0.1	167
STD OREAS24P	Standard			1.6	50.8	6.6	129	<0.1	144.3	44.1	1096	7.33	1	0.8	<0.1	3.3	396	0.2	0.2	<0.1	169
STD OREAS24P	Standard			1.4	47.2	3.0	109	<0.1	138.2	43.3	1101	7.56	5	0.7	<0.1	2.9	376	0.1	0.1	<0.1	168
STD OREAS24P	Standard			1.5	49.3	2.8	104	<0.1	138.4	44.1	972	6.86	<1	0.7	<0.1	2.9	354	<0.1	<0.1	<0.1	149
STD OREAS24P	Standard			1.5	54.9	2.7	120	0.2	134.4	42.9	1048	7.09	3	0.6	<0.1	2.6	380	0.2	<0.1	<0.1	167
STD OREAS24P	Standard			1.5	48.2	2.8	115	<0.1	136.6	42.8	1151	7.54	2	0.7	<0.1	2.7	379	<0.1	<0.1	<0.1	158
STD OREAS45C	Standard			2.3	591.7	25.2	79	0.3	326.5	100.4	1111	17.18	11	2.4	<0.1	11.2	39	0.1	1.1	0.2	259
STD OREAS45C	Standard			2.2	622.5	26.3	84	0.3	336.3	98.5	1133	18.30	12	2.4	<0.1	10.6	37	0.2	0.8	0.2	270
STD OREAS45C	Standard			2.2	604.4	26.1	82	0.3	329.2	104.4	1114	18.32	11	2.5	<0.1	11.1	36	0.2	0.8	0.2	250
STD OREAS45C	Standard			2.3	656.2	26.5	125	0.5	348.2	101.9	1103	18.42	13	2.4	<0.1	11.2	39	0.3	0.9	0.3	282



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
Pulp Duplicates																					
1045943	Drill Core	1.52	0.103	18.8	5	0.73	60	0.052	7.09	1.593	2.93	1.0	33.0	39	1.0	8.6	1.8	0.1	2	4	17.8
REP 1045943	QC	1.49	0.095	17.4	4	0.72	57	0.052	7.05	1.569	2.93	1.0	32.8	38	1.1	7.9	1.7	0.2	2	4	15.7
1045957	Drill Core	2.16	0.111	17.8	3	0.76	68	0.054	7.27	1.961	2.64	0.5	44.5	36	0.9	8.3	1.5	0.1	1	4	14.7
REP 1045957	QC																				
1045981	Drill Core	2.28	0.093	13.3	2	0.54	41	0.040	6.86	1.830	2.52	0.7	39.6	28	0.5	6.8	1.4	<0.1	2	3	22.7
REP 1045981	QC	2.32	0.091	14.4	3	0.54	38	0.040	7.06	1.811	2.55	0.6	39.2	31	0.6	6.8	1.4	0.1	1	3	21.2
1045987	Drill Core	2.42	0.087	10.0	2	0.61	57	0.044	6.87	1.883	2.59	1.1	45.8	22	0.7	6.9	1.7	0.1	<1	3	7.9
REP 1045987	QC																				
1045998	Drill Core	1.46	0.059	16.4	69	1.08	49	0.053	6.15	0.096	2.98	0.6	34.5	33	0.6	7.8	0.7	<0.1	2	12	44.7
REP 1045998	QC	1.48	0.057	16.7	66	1.09	39	0.052	6.36	0.094	2.99	0.7	34.5	35	0.6	7.1	0.7	<0.1	1	12	45.9
Core Reject Duplicates																					
1045939	Drill Core	1.86	0.091	14.5	4	0.65	67	0.055	6.91	1.915	2.72	0.9	33.7	31	0.8	7.8	1.8	0.1	2	4	8.4
DUP 1045939	QC	1.83	0.099	15.6	4	0.63	56	0.057	7.19	1.864	2.70	0.7	33.3	33	0.8	7.9	1.6	0.2	1	4	10.0
1045974	Drill Core	2.00	0.087	19.5	3	0.59	66	0.049	7.35	2.290	1.80	0.6	38.0	35	0.6	7.3	1.7	0.1	1	4	23.7
DUP 1045974	QC	1.87	0.082	19.7	3	0.59	166	0.048	8.16	2.528	2.07	0.6	41.8	36	0.6	7.5	1.9	0.2	1	4	25.7
1046009	Drill Core	1.37	0.045	10.1	62	1.01	84	0.044	6.35	0.660	2.83	0.9	39.7	21	0.7	6.1	0.7	<0.1	1	11	56.1
DUP 1046009	QC	1.39	0.045	9.9	66	1.02	89	0.043	6.38	0.680	2.88	0.9	41.0	20	0.7	6.0	0.7	<0.1	1	11	57.5
Reference Materials																					
STD OREAS24P	Standard	5.43	0.129	17.9	193	4.00	270	1.055	7.63	2.459	0.65	0.4	130.4	35	1.7	21.5	19.2	1.0	1	20	7.3
STD OREAS24P	Standard	5.58	0.139	19.8	197	4.22	288	1.094	7.68	2.473	0.68	0.4	134.7	38	1.6	22.6	20.1	1.1	1	20	8.5
STD OREAS24P	Standard	5.70	0.142	18.0	189	4.23	278	1.057	7.82	2.557	0.67	0.5	127.9	36	1.6	20.5	18.1	1.1	1	20	9.4
STD OREAS24P	Standard	5.24	0.123	18.0	194	3.88	262	1.009	7.32	2.400	0.60	0.3	123.8	33	1.4	20.4	18.3	1.1	1	17	7.8
STD OREAS24P	Standard	5.47	0.130	17.0	184	4.06	265	1.067	7.72	2.411	0.64	0.3	127.0	35	1.6	21.4	18.7	1.1	1	20	7.8
STD OREAS24P	Standard	5.91	0.135	17.4	192	4.06	261	1.138	7.66	2.394	0.68	0.4	130.6	36	1.7	20.5	18.6	1.0	1	20	8.5
STD OREAS45C	Standard	0.50	0.047	26.1	870	0.24	279	1.111	7.06	0.088	0.35	0.8	159.5	50	2.7	12.6	22.3	1.4	1	58	14.8
STD OREAS45C	Standard	0.50	0.056	26.1	968	0.27	280	1.165	7.24	0.123	0.36	1.2	167.6	51	2.8	12.5	23.4	1.5	<1	59	18.3
STD OREAS45C	Standard	0.45	0.047	27.9	950	0.25	275	1.192	7.34	0.090	0.33	1.0	161.5	50	3.1	12.8	22.0	1.4	1	58	16.2
STD OREAS45C	Standard	0.49	0.055	26.6	968	0.26	290	1.126	7.06	0.102	0.35	1.1	171.1	54	2.7	13.9	24.0	1.5	<1	64	17.5



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QUALITY CONTROL REPORT

SMI11000571.2

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1045943	Drill Core	2.9	83.8	1.3
REP 1045943	QC	2.9	81.7	1.1
1045957	Drill Core	3.5	71.8	1.5
REP 1045957	QC			
1045981	Drill Core	4.2	63.1	1.3
REP 1045981	QC	4.2	65.2	1.2
1045987	Drill Core	3.9	79.9	1.5
REP 1045987	QC			
1045998	Drill Core	4.6	84.1	1.1
REP 1045998	QC	4.6	99.3	1.1
Core Reject Duplicates				
1045939	Drill Core	3.1	88.9	1.2
DUP 1045939	QC	2.9	91.0	1.2
1045974	Drill Core	3.8	47.0	1.3
DUP 1045974	QC	3.0	59.7	1.5
1046009	Drill Core	4.0	103.7	1.2
DUP 1046009	QC	4.0	102.6	1.2
Reference Materials				
STD OREAS24P	Standard	<0.1	20.8	3.2
STD OREAS24P	Standard	<0.1	20.7	3.6
STD OREAS24P	Standard	<0.1	19.9	3.6
STD OREAS24P	Standard	<0.1	19.2	3.3
STD OREAS24P	Standard	<0.1	20.6	3.2
STD OREAS24P	Standard	<0.1	21.8	3.3
STD OREAS45C	Standard	<0.1	22.3	4.4
STD OREAS45C	Standard	<0.1	23.1	4.5
STD OREAS45C	Standard	<0.1	22.6	4.2
STD OREAS45C	Standard	<0.1	23.8	4.3



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	1
STD OREAS45C	Standard			2.4	617.1	23.4	82	0.3	329.4	98.8	1208	17.72	10	2.2	<0.1	9.8	38	0.2	0.6	0.2
STD OXH82	Standard		1.329																	
STD OXH82	Standard		1.392																	
STD OXH82	Standard		1.365																	
STD OXH82	Standard		1.332																	
STD OXH82	Standard		1.300																	
STD OXH82	Standard		1.273																	
STD OXH82	Standard		1.347																	
STD OXK79	Standard		3.767																	
STD OXK79	Standard		3.825																	
STD OXK79	Standard		3.770																	
STD OXK79	Standard		3.620																	
STD OXK79	Standard		3.643																	
STD OXK79	Standard		3.738																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1



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QUALITY CONTROL REPORT

SMI11000571.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.47	0.056	23.7	906	0.27	262	1.222	7.41	0.107	0.38	1.0	167.8	49	2.7	12.1	21.2	1.3	<1	61	16.3
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000571.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	23.1	4.0
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: January 12, 2012

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000571.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.1																		
BLK	Blank	<0.1																		
BLK	Blank	<0.1																		
Prep Wash																				
G1	Prep Blank	<0.005	0.4	5.2	18.9	63	<0.1	2.7	5.3	788	2.36	3	2.6	<0.1	8.2	766	0.1	<0.1	0.3	54
G1	Prep Blank	<0.005	0.1	4.4	18.4	59	<0.1	2.1	4.9	771	2.23	4	2.4	<0.1	7.8	751	0.1	<0.1	0.2	51



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Project: Poplar Drilling

Report Date: January 12, 2012

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000571.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.34	0.087	25.5	5	0.60	1088	0.246	7.14	2.826	3.23	0.1	11.8	56	1.4	15.8	26.5	1.5	2	5	37.5
G1	Prep Blank	2.30	0.081	25.6	5	0.55	1167	0.235	6.92	2.728	3.16	0.1	11.6	57	1.5	14.9	25.4	1.3	2	5	38.6



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Report Date: January 12, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000571.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	115.8	0.7
G1	Prep Blank	<0.1	110.6	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 11, 2011
Report Date: November 30, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000572.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_11&12
P.O. Number
Number of Samples: 111

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	105	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	111	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	111	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: November 30, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046033	Drill Core	15.43	<0.005	8.1	43.2	10.1	45	0.1	12.4	18.5	124	5.39	12	1.9	<0.1	4.4	962	0.2	3.7	1.4
1046034	Drill Core	11.38	<0.005	2.2	53.0	8.2	47	0.2	62.7	22.3	153	4.18	38	1.2	<0.1	5.1	536	0.1	3.4	0.4
1046035	Drill Core	9.68	<0.005	4.0	22.2	7.9	32	<0.1	60.5	17.2	188	3.39	49	1.5	<0.1	6.1	1062	0.1	3.1	0.3
1046036	Drill Core	12.03	<0.005	2.2	23.4	6.3	26	0.1	55.7	17.9	208	4.70	25	1.5	<0.1	6.1	788	0.2	2.9	0.3
1046037	Drill Core	7.58	<0.005	3.2	20.0	17.4	52	0.5	57.4	16.2	461	3.97	21	1.5	<0.1	5.8	518	0.3	4.7	0.3
1046038	Drill Core	0.07	<0.005	10.2	85.4	114.5	850	2.2	6.0	14.4	454	5.42	51	1.7	<0.1	3.5	347	3.1	16.6	0.3
1046039	Rock Pulp	11.95	0.936	21.9	5402	6363	>10000	74.7	49.0	20.1	561	9.42	420	2.3	1.1	2.5	162	234.2	113.4	27.9
1046040	Drill Core	12.05	0.011	3.3	120.6	47.1	205	0.3	5.2	13.6	316	4.95	31	1.9	<0.1	3.8	679	0.8	11.0	0.2
1046041	Drill Core	12.62	0.009	4.7	72.8	52.2	276	1.0	7.0	14.9	258	5.19	86	1.9	<0.1	3.2	1075	0.7	12.7	0.2
1046042	Drill Core	13.55	0.005	7.8	116.1	50.2	262	0.2	5.3	13.1	421	4.97	39	2.0	<0.1	3.9	769	0.6	9.1	0.3
1046043	Rock	0.65	<0.005	0.3	1.1	0.5	2	<0.1	<0.1	0.5	32	0.09	4	1.6	<0.1	<0.1	4710	<0.1	0.2	<0.1
1046044	Drill Core	12.49	<0.005	13.0	74.8	71.1	181	0.6	12.2	13.0	471	3.91	46	1.9	<0.1	4.8	635	0.7	7.0	0.3
1046045	Drill Core	11.64	0.011	7.8	136.2	106.5	491	2.2	2.7	11.9	354	4.09	42	2.2	<0.1	4.9	532	3.2	21.8	0.3
1046046	Drill Core	12.59	0.011	6.8	90.2	113.7	429	1.4	2.9	15.5	260	3.79	31	2.0	<0.1	4.5	412	2.5	11.3	0.2
1046047	Drill Core	12.34	0.006	4.7	124.7	16.8	57	0.2	2.8	12.6	182	3.70	34	1.9	<0.1	4.3	456	0.5	5.1	0.2
1046048	Drill Core	12.46	0.006	4.6	63.3	74.2	187	0.9	2.4	10.1	485	3.60	13	1.9	<0.1	4.0	225	1.0	7.9	0.2
1046049	Drill Core	8.99	<0.005	5.5	43.1	114.1	385	1.2	2.8	13.6	844	3.20	12	2.3	<0.1	4.4	166	2.3	8.7	0.3
1046050	Drill Core	5.46	<0.005	5.5	39.8	164.1	406	1.3	2.5	10.0	925	3.09	12	2.3	<0.1	4.8	170	2.3	9.3	0.3
1046051	Drill Core	6.71	<0.005	13.0	96.7	85.9	226	1.3	3.0	16.0	828	3.46	20	2.1	<0.1	4.5	159	1.4	12.3	0.2
1046052	Drill Core	7.08	<0.005	10.0	113.4	64.1	177	1.4	2.6	8.5	705	3.22	22	2.2	<0.1	4.7	282	1.0	13.1	0.2
1046053	Drill Core	7.73	0.010	28.7	145.1	9.8	31	0.3	2.4	13.0	218	2.82	16	2.0	<0.1	4.8	470	<0.1	2.5	0.2
1046054	Drill Core	6.22	0.005	16.3	164.9	9.4	26	0.2	2.4	8.0	220	2.54	17	2.2	<0.1	4.4	558	<0.1	1.6	0.2
1046055	Drill Core	6.31	<0.005	14.0	257.9	16.1	49	0.9	2.6	9.7	282	3.04	24	2.2	<0.1	4.3	604	0.3	7.4	0.2
1046056	Drill Core	6.17	0.005	12.0	274.4	185.6	593	4.1	4.0	17.1	504	4.54	40	2.0	<0.1	4.1	406	3.6	26.7	0.2
1046057	Drill Core	6.76	<0.005	5.6	260.4	20.0	49	0.7	2.7	10.1	278	3.25	30	2.2	<0.1	4.7	349	0.3	3.7	0.1
1046058	Rock Pulp	0.11	0.869	22.9	5172	6311	>10000	74.9	45.6	19.1	531	9.35	405	2.1	0.9	2.1	155	242.9	115.1	27.0
1046059	Drill Core	7.35	0.007	4.1	80.0	29.4	108	0.6	2.1	10.1	254	2.98	15	2.4	<0.1	4.6	470	0.6	4.4	0.1
1046060	Drill Core	6.81	<0.005	5.5	102.2	17.0	60	0.3	4.2	11.7	275	3.15	18	2.5	<0.1	4.4	719	0.3	2.4	0.2
1046061	Drill Core	6.82	0.005	10.6	66.2	15.2	46	0.3	1.7	8.9	132	3.04	13	1.9	<0.1	4.8	346	0.3	3.8	0.2
1046062	Drill Core	6.92	<0.005	6.2	53.6	31.6	72	0.3	2.8	13.5	156	2.83	12	2.1	<0.1	5.0	328	0.4	2.8	0.5



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Project: Poplar Drilling
Report Date: November 30, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046033	Drill Core	1.29	0.108	16.6	9	0.76	45	0.047	7.92	0.482	2.11	1.5	51.1	35	2.0	8.1	0.8	<0.1	1	7
1046034	Drill Core	1.26	0.069	16.8	63	0.95	41	0.116	7.84	0.274	2.77	1.1	35.5	38	2.0	8.8	1.2	<0.1	1	17
1046035	Drill Core	1.31	0.101	16.2	76	1.01	57	0.119	7.94	0.143	2.93	1.1	44.3	36	2.8	8.9	1.6	0.1	1	16
1046036	Drill Core	1.53	0.066	18.2	50	1.06	73	0.081	7.67	0.142	2.56	1.1	38.3	40	2.7	7.9	1.1	<0.1	1	14
1046037	Drill Core	2.30	0.065	14.6	58	1.41	70	0.095	7.59	0.133	2.76	1.0	44.1	33	3.2	8.2	1.3	<0.1	1	14
1046038	Drill Core	1.25	0.116	12.8	6	0.79	42	0.060	7.63	0.296	3.23	1.6	49.6	32	1.4	8.5	0.9	<0.1	1	6
1046039	Rock Pulp	1.81	0.052	11.1	28	0.92	117	0.183	3.94	1.346	0.70	1.0	32.3	24	55.1	10.8	4.2	0.2	<1	8
1046040	Drill Core	1.50	0.112	14.6	6	0.79	45	0.057	7.71	0.306	2.77	1.1	53.3	33	1.3	8.6	0.9	<0.1	1	6
1046041	Drill Core	1.65	0.115	14.4	7	1.02	49	0.066	7.88	0.361	2.70	1.2	50.1	33	1.6	8.9	0.9	<0.1	1	7
1046042	Drill Core	1.46	0.103	14.6	5	0.94	51	0.050	7.62	0.229	2.92	0.9	59.5	33	0.9	8.9	1.1	<0.1	1	5
1046043	Rock	38.51	0.004	0.5	<1	2.19	11	0.001	0.06	0.003	0.02	<0.1	0.5	<1	<0.1	0.4	0.2	<0.1	<1	<1
1046044	Drill Core	1.24	0.083	15.9	5	0.85	81	0.053	7.78	0.124	3.35	1.3	49.2	36	1.1	7.9	1.6	0.1	1	4
1046045	Drill Core	1.04	0.082	16.7	4	0.76	78	0.050	7.97	0.098	3.07	1.9	50.8	38	1.5	8.2	1.5	0.1	<1	4
1046046	Drill Core	1.07	0.081	15.5	4	0.82	59	0.041	7.65	0.102	3.09	1.3	47.8	35	1.2	7.7	1.3	0.1	1	4
1046047	Drill Core	2.61	0.088	14.8	4	0.64	59	0.038	7.50	0.140	2.50	0.5	43.9	32	0.6	7.8	1.2	<0.1	1	4
1046048	Drill Core	3.35	0.087	13.0	4	0.61	61	0.044	7.52	0.095	2.88	0.9	41.4	30	0.9	7.4	1.3	0.1	1	3
1046049	Drill Core	1.83	0.093	14.3	4	0.65	51	0.047	7.82	0.094	3.06	1.1	45.9	32	0.8	7.4	1.5	0.1	1	4
1046050	Drill Core	1.93	0.092	16.2	3	0.68	59	0.048	8.01	0.097	3.26	1.0	49.3	36	0.7	8.2	1.8	0.1	2	4
1046051	Drill Core	1.70	0.082	14.1	4	0.69	46	0.047	7.72	0.211	3.04	0.8	42.7	31	0.9	7.1	1.4	<0.1	1	4
1046052	Drill Core	1.46	0.095	15.8	3	0.79	40	0.043	8.12	0.817	2.98	0.6	42.2	35	0.7	7.6	1.5	0.1	2	4
1046053	Drill Core	1.45	0.089	17.1	5	0.67	51	0.044	8.13	1.845	2.75	0.9	39.0	39	0.7	8.1	1.4	0.1	2	4
1046054	Drill Core	1.58	0.084	15.4	5	0.66	55	0.044	7.74	2.048	2.67	0.7	41.1	35	0.6	7.3	1.6	0.1	2	4
1046055	Drill Core	1.82	0.089	14.5	4	0.62	63	0.047	7.85	1.954	2.68	0.5	37.0	34	0.8	7.5	1.6	0.1	2	3
1046056	Drill Core	1.49	0.089	13.4	4	0.62	39	0.042	7.83	1.832	2.73	0.4	34.8	32	0.7	7.4	1.4	0.1	1	4
1046057	Drill Core	1.68	0.089	15.5	6	0.62	54	0.046	7.82	2.350	2.46	0.5	35.0	34	0.6	7.8	1.6	<0.1	1	4
1046058	Rock Pulp	1.81	0.053	10.7	26	0.91	31	0.180	3.82	1.340	0.69	1.2	31.4	25	55.1	10.4	4.3	0.2	<1	8
1046059	Drill Core	1.71	0.095	16.5	5	0.65	43	0.043	7.77	2.447	2.49	0.4	40.4	37	0.6	8.0	1.6	0.1	2	3
1046060	Drill Core	2.02	0.113	15.3	7	0.73	55	0.139	7.98	2.266	2.46	0.6	47.1	34	0.8	7.7	2.5	0.2	2	5
1046061	Drill Core	1.73	0.090	12.9	5	0.60	54	0.046	7.91	1.159	2.85	1.2	38.9	28	1.3	6.5	1.4	0.1	1	4
1046062	Drill Core	1.54	0.085	17.0	4	0.57	39	0.054	7.95	1.303	2.63	1.3	39.2	36	1.4	7.4	1.7	0.1	1	4



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Project: Poplar Drilling
Report Date: November 30, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046033	Drill Core	5.4	66.2	1.5
1046034	Drill Core	3.4	94.9	1.0
1046035	Drill Core	2.6	102.7	1.3
1046036	Drill Core	4.3	96.0	1.3
1046037	Drill Core	3.4	95.5	1.2
1046038	Drill Core	5.1	111.5	1.3
1046039	Rock Pulp	9.6	24.0	0.9
1046040	Drill Core	4.5	94.1	1.5
1046041	Drill Core	4.7	82.0	1.3
1046042	Drill Core	4.5	103.7	1.6
1046043	Rock	<0.1	0.7	<0.1
1046044	Drill Core	3.7	110.0	1.6
1046045	Drill Core	3.8	93.1	1.6
1046046	Drill Core	3.8	83.2	1.5
1046047	Drill Core	3.7	60.1	1.5
1046048	Drill Core	3.6	68.3	1.4
1046049	Drill Core	2.9	88.8	1.4
1046050	Drill Core	2.8	99.3	1.4
1046051	Drill Core	3.4	94.1	1.4
1046052	Drill Core	3.1	91.3	1.3
1046053	Drill Core	2.6	75.3	1.3
1046054	Drill Core	2.6	68.8	1.4
1046055	Drill Core	3.5	71.5	1.4
1046056	Drill Core	4.8	79.2	1.4
1046057	Drill Core	3.3	69.6	1.2
1046058	Rock Pulp	9.6	22.9	1.0
1046059	Drill Core	3.2	68.3	1.3
1046060	Drill Core	2.4	63.2	1.5
1046061	Drill Core	2.9	67.3	1.4
1046062	Drill Core	2.7	70.4	1.4



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046063	Drill Core	5.81	<0.005	5.3	130.9	15.2	45	0.2	3.4	12.8	192	3.29	10	2.0	<0.1	4.8	393	0.2	1.1	0.3
1046064	Drill Core	3.45	<0.005	3.6	97.0	14.4	49	0.1	3.1	10.2	139	2.92	8	2.1	<0.1	4.9	367	0.2	0.5	0.5
1046065	Drill Core	6.37	<0.005	8.2	110.3	17.8	54	0.2	3.2	10.1	170	3.20	9	2.0	<0.1	4.5	451	0.3	0.4	0.1
1046066	Drill Core	6.50	<0.005	5.7	162.8	17.8	56	0.4	3.3	8.5	233	3.32	9	2.1	<0.1	4.6	501	0.8	2.3	0.4
1046067	Drill Core	7.11	<0.005	4.9	172.5	18.1	55	0.2	3.1	8.8	209	3.11	12	2.2	<0.1	5.4	534	0.4	0.1	0.3
1046068	Drill Core	0.50	<0.005	0.2	0.5	0.3	<1	<0.1	<0.1	0.4	23	0.07	2	1.5	<0.1	<0.1	3709	<0.1	<0.1	<0.1
1046069	Drill Core	7.49	<0.005	8.4	277.6	14.6	42	0.2	3.0	14.9	173	3.03	13	2.0	<0.1	4.3	439	0.3	<0.1	0.3
1046070	Drill Core	6.54	<0.005	49.2	267.6	10.9	40	0.2	4.5	18.4	104	3.00	54	1.6	<0.1	3.7	602	0.3	0.8	0.1
1046071	Drill Core	6.59	<0.005	15.6	377.8	32.4	102	1.2	4.0	22.1	383	3.49	167	2.3	<0.1	5.5	539	0.6	14.8	0.3
1046072	Drill Core	6.92	<0.005	10.8	174.7	38.2	194	0.7	3.7	16.7	423	2.81	62	2.8	<0.1	5.8	575	1.3	10.1	0.4
1046073	Drill Core	6.96	<0.005	13.7	314.7	13.4	44	0.2	4.3	26.3	166	4.27	133	2.2	<0.1	5.4	708	0.2	3.0	0.4
1046074	Drill Core	7.33	<0.005	23.0	147.4	14.3	33	0.1	3.4	11.1	139	2.79	56	2.0	<0.1	4.5	554	0.1	0.4	0.4
1046075	Drill Core	6.28	<0.005	9.1	225.8	10.7	31	0.2	4.2	14.6	156	3.74	74	1.7	<0.1	3.8	642	0.2	0.6	0.7
1046076	Drill Core	6.72	<0.005	5.1	126.9	12.6	38	0.3	8.6	11.1	203	4.07	50	2.2	<0.1	4.3	688	0.1	1.1	0.6
1046077	Rock Pulp	0.15	0.947	154.0	3510	52.5	126	3.5	27.5	19.8	507	4.86	70	1.2	1.2	2.8	254	0.9	8.3	0.7
1046078	Drill Core	6.82	<0.005	4.3	93.4	274.1	1266	1.3	3.8	10.1	337	3.70	34	2.0	<0.1	4.7	833	8.0	3.7	0.7
1046079	Drill Core	7.20	0.008	87.2	288.8	467.8	3311	3.9	5.3	22.7	817	3.75	123	2.2	<0.1	4.4	712	21.4	12.4	0.4
1046080	Drill Core	6.70	<0.005	7.9	126.0	24.3	71	0.3	3.1	7.3	228	2.13	55	2.3	<0.1	5.8	529	0.4	1.3	0.3
1046081	Drill Core	7.01	<0.005	6.1	174.2	11.6	39	0.2	3.9	12.1	166	2.91	76	1.8	<0.1	4.8	626	0.2	0.9	0.2
1046082	Drill Core	6.38	<0.005	5.1	128.6	15.1	49	0.1	3.0	8.6	187	2.64	56	1.9	<0.1	5.7	652	0.3	0.8	0.1
1046083	Drill Core	7.97	<0.005	6.1	172.5	68.7	287	0.5	3.1	11.3	369	3.09	70	2.0	<0.1	5.7	828	1.8	3.7	0.1
1046084	Drill Core	6.42	0.013	10.3	120.5	481.7	1268	2.2	3.9	13.4	394	3.69	38	2.1	<0.1	5.5	720	8.6	18.7	0.5
1046085	Rock	0.50	<0.005	0.1	0.9	0.4	2	<0.1	<0.1	0.5	49	0.19	1	1.5	<0.1	0.1	4047	<0.1	<0.1	<0.1
1046086	Drill Core	7.76	<0.005	4.7	161.4	68.0	199	0.7	3.8	10.6	246	3.19	50	1.9	<0.1	5.2	595	1.4	5.7	0.3
1046087	Drill Core	6.79	<0.005	14.8	129.0	8.2	25	0.2	3.1	12.0	191	3.24	12	1.9	<0.1	5.3	473	0.1	0.4	0.2
1046088	Drill Core	6.98	<0.005	31.6	93.1	6.3	19	0.1	3.9	24.7	205	3.10	14	1.8	<0.1	3.9	524	<0.1	0.2	0.2
1046089	Drill Core	3.12	<0.005	42.8	88.1	7.3	17	0.2	4.0	29.7	206	3.35	11	1.8	<0.1	4.1	508	0.1	0.1	0.7
1046090	Drill Core	7.29	<0.005	9.7	166.7	11.2	28	0.2	3.8	23.4	209	3.45	51	1.9	<0.1	5.4	488	0.1	0.7	0.4
1046091	Drill Core	6.84	0.006	6.2	89.2	13.8	39	0.2	3.7	17.7	187	4.08	11	2.1	<0.1	5.0	404	0.2	0.2	0.6
1046092	Drill Core	6.48	<0.005	10.7	193.0	23.9	81	0.3	3.7	17.5	222	3.52	71	2.6	<0.1	5.9	632	0.3	0.6	1.2



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046063	Drill Core	2.35	0.089	17.2	5	0.61	67	0.043	7.77	2.105	2.53	0.5	37.4	38	1.1	8.0	1.4	0.1	<1	4
1046064	Drill Core	1.62	0.092	17.1	4	0.62	58	0.041	7.95	2.151	2.60	0.6	36.2	37	1.0	7.5	1.3	0.1	<1	4
1046065	Drill Core	1.77	0.090	15.5	5	0.61	59	0.046	7.88	2.444	2.36	0.4	34.1	34	1.0	7.6	1.3	<0.1	2	4
1046066	Drill Core	1.82	0.089	13.4	7	0.61	39	0.053	8.06	2.662	2.09	0.3	35.6	32	1.1	8.2	1.6	0.3	1	4
1046067	Drill Core	2.04	0.096	14.9	2	0.64	44	0.056	9.15	2.768	2.19	0.4	40.1	36	0.9	8.4	1.8	0.2	2	5
1046068	Drill Core	32.98	0.004	0.3	<1	1.88	13	<0.001	0.06	0.015	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046069	Drill Core	1.95	0.088	12.4	2	0.58	33	0.045	7.35	2.570	2.07	0.4	34.4	30	0.7	7.3	1.5	0.1	<1	4
1046070	Drill Core	3.58	0.070	12.9	4	0.50	49	0.035	5.84	1.686	1.83	0.7	28.1	28	0.9	10.1	1.1	<0.1	<1	3
1046071	Drill Core	2.26	0.104	16.3	3	0.76	73	0.065	10.40	0.935	2.84	0.9	38.9	39	1.4	10.2	1.9	0.1	2	6
1046072	Drill Core	1.75	0.103	19.0	5	0.74	85	0.056	9.92	1.412	2.83	0.3	38.1	43	0.9	10.0	1.5	0.1	1	5
1046073	Drill Core	1.95	0.098	15.5	3	0.66	37	0.052	10.27	1.493	2.67	0.5	37.2	37	0.9	8.9	1.5	0.1	2	5
1046074	Drill Core	1.84	0.086	12.5	5	0.70	44	0.045	7.47	1.953	2.45	0.3	30.8	29	0.7	7.3	1.4	0.1	<1	4
1046075	Drill Core	1.92	0.087	11.0	2	0.70	30	0.037	6.73	1.692	2.35	0.4	30.0	27	0.6	6.7	0.9	<0.1	<1	4
1046076	Drill Core	2.09	0.120	12.8	9	0.93	31	0.047	8.62	0.919	2.99	0.4	43.5	29	0.9	9.5	0.8	<0.1	1	8
1046077	Rock Pulp	0.43	0.104	13.8	48	0.81	91	0.254	6.61	1.151	4.07	29.0	23.1	30	3.1	13.2	3.3	0.2	1	12
1046078	Drill Core	2.08	0.099	13.8	6	0.72	33	0.046	9.22	1.807	2.67	0.6	30.5	34	0.8	7.4	1.2	<0.1	1	4
1046079	Drill Core	1.79	0.105	17.0	3	0.76	34	0.042	8.69	0.449	2.87	1.0	35.5	40	1.2	9.2	1.1	<0.1	1	5
1046080	Drill Core	1.65	0.104	28.3	5	0.82	127	0.069	9.09	1.843	2.46	0.7	39.0	58	0.8	11.0	2.0	0.1	2	5
1046081	Drill Core	1.73	0.101	18.3	2	0.69	50	0.056	8.45	1.755	2.39	0.5	31.2	42	1.1	9.6	1.5	0.1	<1	4
1046082	Drill Core	1.67	0.092	19.0	5	0.72	527	0.056	8.26	2.324	2.11	0.5	28.6	38	0.7	9.6	1.5	0.1	2	4
1046083	Drill Core	1.60	0.100	19.0	2	0.70	71	0.058	8.95	1.846	2.56	0.5	31.3	42	0.9	9.6	1.6	0.1	1	4
1046084	Drill Core	1.39	0.102	17.6	5	0.64	49	0.055	8.55	0.431	3.21	0.6	29.5	39	1.2	8.8	14.3	0.1	2	5
1046085	Rock	33.02	0.007	0.7	<1	1.98	23	0.009	0.31	0.103	0.04	<0.1	5.5	1	<0.1	1.0	0.3	<0.1	<1	<1
1046086	Drill Core	2.06	0.103	15.8	6	0.70	49	0.060	9.20	1.912	2.60	0.6	33.1	36	1.4	8.5	1.8	0.1	2	5
1046087	Drill Core	2.04	0.094	16.3	3	0.73	37	0.052	9.03	2.124	2.48	0.5	29.7	36	1.2	8.6	1.4	0.1	2	5
1046088	Drill Core	3.21	0.096	18.4	6	0.68	43	0.045	6.15	1.390	2.47	0.7	23.1	39	0.9	8.8	1.2	<0.1	1	4
1046089	Drill Core	3.00	0.101	19.1	2	0.69	42	0.043	6.42	1.316	2.49	0.7	24.3	40	0.8	8.8	1.2	<0.1	<1	5
1046090	Drill Core	1.97	0.097	17.3	7	0.66	63	0.062	8.84	1.616	2.66	0.6	32.0	39	1.6	8.8	1.7	0.1	<1	4
1046091	Drill Core	1.86	0.090	15.8	3	0.63	35	0.057	8.01	1.836	2.48	0.4	31.4	36	1.3	8.1	1.5	<0.1	2	4
1046092	Drill Core	1.75	0.105	20.5	6	0.68	54	0.055	9.26	2.127	2.55	0.6	40.6	45	1.0	9.5	1.6	<0.1	<1	5



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Project: Poplar Drilling
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046063	Drill Core	3.7	64.1	1.3
1046064	Drill Core	3.1	65.3	1.2
1046065	Drill Core	3.6	65.4	1.2
1046066	Drill Core	3.5	59.9	1.1
1046067	Drill Core	3.5	61.3	1.4
1046068	Drill Core	<0.1	0.4	<0.1
1046069	Drill Core	3.6	48.0	1.2
1046070	Drill Core	5.2	40.5	1.0
1046071	Drill Core	3.3	76.5	1.3
1046072	Drill Core	2.7	83.9	1.4
1046073	Drill Core	4.1	79.9	1.2
1046074	Drill Core	3.0	56.2	1.1
1046075	Drill Core	4.2	52.8	1.1
1046076	Drill Core	4.5	76.2	1.4
1046077	Rock Pulp	2.4	114.5	0.6
1046078	Drill Core	4.2	70.0	1.0
1046079	Drill Core	3.8	79.7	1.2
1046080	Drill Core	1.9	78.3	1.4
1046081	Drill Core	2.8	73.1	1.1
1046082	Drill Core	2.5	65.2	1.2
1046083	Drill Core	2.8	83.8	1.2
1046084	Drill Core	3.7	92.4	1.1
1046085	Rock	0.1	0.8	<0.1
1046086	Drill Core	3.2	68.4	1.1
1046087	Drill Core	3.4	59.6	1.0
1046088	Drill Core	4.7	44.0	0.9
1046089	Drill Core	4.8	45.8	0.9
1046090	Drill Core	3.7	65.0	1.1
1046091	Drill Core	4.0	61.6	1.1
1046092	Drill Core	3.3	68.6	1.6



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CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046093	Drill Core	6.16	<0.005	5.7	146.9	10.0	32	0.1	2.8	11.7	134	3.19	12	1.9	<0.1	4.4	485	0.2	0.2	0.4
1046094	Drill Core	7.71	0.005	11.7	179.8	12.0	44	0.2	3.9	14.6	164	3.21	37	2.3	<0.1	5.5	750	0.3	0.8	0.5
1046095	Drill Core	6.92	0.005	4.9	180.1	15.0	47	0.2	3.4	11.8	224	2.88	70	2.4	<0.1	5.6	656	0.1	4.5	1.0
1046096	Rock Pulp	0.10	0.454	143.8	3737	32.0	75	2.8	41.8	23.4	454	4.90	55	1.4	0.3	2.9	277	0.4	4.8	0.5
1046097	Drill Core	6.98	0.021	9.1	133.0	258.9	772	2.9	3.6	18.2	263	3.48	34	2.4	<0.1	4.7	379	5.3	36.2	0.7
1046098	Drill Core	7.54	0.005	10.6	145.6	77.0	245	1.1	4.0	25.4	310	3.82	43	2.1	<0.1	4.7	636	1.3	20.6	0.4
1046099	Drill Core	6.52	<0.005	11.0	219.2	13.0	39	0.4	5.5	35.6	253	3.99	81	2.6	<0.1	5.5	658	0.2	5.9	0.5
1046100	Drill Core	6.72	0.005	16.8	183.8	34.1	90	0.4	3.4	12.4	226	2.62	65	2.3	<0.1	5.5	792	0.4	3.3	0.3
1046101	Drill Core	7.07	0.005	12.2	153.9	11.6	26	0.1	2.6	20.0	125	3.48	50	1.8	<0.1	4.2	777	0.2	0.6	0.3
1046102	Drill Core	7.03	<0.005	10.2	164.4	21.0	39	0.4	3.4	27.0	161	3.75	46	1.8	<0.1	4.2	728	0.1	2.0	0.3
1046103	Drill Core	8.47	<0.005	19.8	203.9	12.4	31	0.2	3.2	17.2	189	3.89	21	2.1	<0.1	4.2	566	0.2	1.1	0.2
1046104	Drill Core	5.90	<0.005	6.1	112.4	10.1	24	<0.1	3.0	23.2	117	3.62	9	1.8	<0.1	4.3	585	0.1	0.4	0.2
1046105	Drill Core	7.02	0.006	9.7	172.3	12.1	33	0.1	3.3	21.3	125	3.75	4	1.8	<0.1	4.1	560	0.2	0.2	0.2
1046106	Drill Core	7.44	<0.005	7.8	131.4	14.2	44	0.1	2.9	13.0	150	2.45	3	2.1	<0.1	4.3	474	0.3	0.2	0.1
1046107	Drill Core	3.11	<0.005	6.0	127.5	14.3	42	0.1	2.4	12.7	146	2.32	3	2.1	<0.1	4.4	447	0.2	0.2	0.1
1046108	Drill Core	6.41	<0.005	19.6	196.0	9.7	28	0.1	4.0	30.9	127	3.93	3	2.2	<0.1	4.7	442	0.2	<0.1	0.2
1046109	Drill Core	7.20	<0.005	8.3	170.2	9.1	34	0.2	2.7	17.2	150	3.48	3	2.4	<0.1	4.5	346	0.2	<0.1	0.2
1046110	Drill Core	8.25	<0.005	7.5	124.4	7.2	20	0.2	3.1	15.7	198	4.02	4	2.5	<0.1	4.8	451	0.2	0.1	0.5
1046111	Rock	0.68	<0.005	<0.1	1.3	0.3	<1	<0.1	<0.1	0.4	26	0.09	3	1.4	<0.1	<0.1	5270	<0.1	<0.1	<0.1
1046112	Drill Core	7.28	<0.005	3.9	157.1	9.2	27	0.1	2.5	12.3	124	3.26	3	2.2	<0.1	4.6	365	0.1	0.2	0.1
1046113	Drill Core	6.57	<0.005	7.2	203.9	11.1	28	0.1	2.5	17.7	124	3.64	2	1.8	<0.1	4.2	380	0.1	0.2	0.2
1046114	Drill Core	6.97	<0.005	4.7	115.9	13.8	32	<0.1	3.1	11.7	122	3.42	2	2.0	<0.1	4.5	471	0.1	0.1	<0.1
1046115	Drill Core	6.90	<0.005	8.6	145.7	8.3	26	<0.1	3.0	13.5	126	3.22	2	2.0	<0.1	4.8	489	0.2	<0.1	0.1
1046116	Rock Pulp	0.10	0.462	141.8	3825	29.4	66	2.5	38.6	21.8	414	4.73	49	1.2	0.8	2.3	236	0.3	4.1	0.4
1046117	Drill Core	6.58	0.007	15.8	470.1	5.9	19	0.2	3.5	22.8	105	4.67	3	1.8	<0.1	4.2	437	<0.1	0.2	0.1
1046118	Drill Core	7.07	<0.005	2.6	55.8	5.8	22	<0.1	3.8	12.2	122	4.15	2	1.8	<0.1	4.1	392	<0.1	0.2	0.1
1046119	Drill Core	8.01	<0.005	4.5	51.8	7.7	25	<0.1	4.4	10.9	123	3.65	3	1.9	<0.1	4.4	308	<0.1	0.2	0.1
1046120	Drill Core	6.66	<0.005	4.6	60.8	9.3	26	<0.1	2.7	11.5	108	3.46	2	1.9	<0.1	4.7	470	0.1	<0.1	0.5
1046121	Drill Core	6.82	<0.005	8.0	105.6	9.7	30	0.1	2.8	8.7	106	3.15	2	2.0	<0.1	4.4	418	0.1	0.1	0.1
1046122	Drill Core	7.55	<0.005	8.8	114.0	8.7	24	0.1	2.9	24.1	110	3.54	3	1.8	<0.1	4.3	453	0.1	0.2	0.1



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Project:

Poplar Drilling

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Part 2

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046093	Drill Core	1.72	0.087	14.6	2	0.62	49	0.050	7.12	1.968	2.46	0.4	32.0	32	0.9	7.8	1.4	0.1	1	4
1046094	Drill Core	2.07	0.109	18.7	8	0.73	63	0.062	9.89	1.942	2.86	0.6	32.6	42	1.0	9.6	1.8	0.1	2	5
1046095	Drill Core	1.83	0.104	17.8	3	0.77	58	0.056	9.69	1.929	2.68	0.7	28.7	40	0.7	10.0	1.7	0.1	2	5
1046096	Rock Pulp	0.40	0.119	15.9	71	1.07	226	0.316	8.58	1.586	3.80	12.9	27.7	33	2.5	12.4	2.8	0.2	1	17
1046097	Drill Core	0.81	0.095	16.6	2	0.61	55	0.051	6.67	0.391	3.12	0.9	24.8	36	1.2	7.8	1.4	<0.1	2	4
1046098	Drill Core	0.88	0.090	17.6	5	0.64	49	0.051	7.07	0.089	3.25	1.4	23.9	38	1.5	7.4	1.3	0.1	<1	4
1046099	Drill Core	1.32	0.088	20.9	3	0.60	48	0.056	8.62	0.502	3.33	1.4	24.9	45	1.5	8.3	1.5	0.1	1	5
1046100	Drill Core	1.91	0.103	19.0	5	0.68	67	0.051	9.14	1.771	2.77	0.5	24.7	40	0.8	9.0	1.3	0.1	2	4
1046101	Drill Core	1.33	0.091	17.9	7	0.66	44	0.048	7.04	1.426	2.82	0.6	22.4	35	1.1	7.0	1.5	0.1	1	4
1046102	Drill Core	1.92	0.099	15.8	5	0.66	55	0.049	7.57	1.619	2.77	0.6	23.9	33	0.9	7.9	1.4	0.1	1	4
1046103	Drill Core	1.76	0.097	17.2	6	0.63	48	0.049	7.56	1.468	2.98	0.5	23.4	37	1.2	7.9	1.4	0.1	1	4
1046104	Drill Core	1.81	0.095	16.6	7	0.65	46	0.045	7.64	1.999	2.81	0.6	22.6	34	0.9	7.2	1.5	0.1	1	4
1046105	Drill Core	2.34	0.103	15.9	9	0.63	47	0.046	7.39	2.375	2.49	0.4	22.6	35	0.7	8.4	1.5	0.1	1	4
1046106	Drill Core	1.81	0.095	17.3	6	0.65	78	0.044	7.67	2.709	2.48	0.4	24.7	36	0.7	7.6	1.6	0.1	1	4
1046107	Drill Core	1.76	0.096	18.1	6	0.65	79	0.045	7.49	2.653	2.43	0.4	24.5	37	0.6	7.9	1.7	0.1	1	4
1046108	Drill Core	2.25	0.087	18.8	9	0.54	68	0.061	7.32	1.585	2.45	0.7	23.6	35	1.1	8.1	2.0	0.1	2	4
1046109	Drill Core	1.71	0.091	16.5	9	0.63	93	0.057	7.49	2.016	2.47	0.5	23.2	32	1.0	7.3	1.9	0.1	2	4
1046110	Drill Core	2.03	0.092	19.0	8	0.59	98	0.099	7.56	1.465	2.65	0.9	26.9	37	1.3	8.0	2.1	0.2	1	4
1046111	Rock	36.51	0.005	0.6	<1	1.81	12	<0.001	0.09	0.009	0.02	<0.1	0.4	<1	<0.1	0.5	0.1	<0.1	<1	<1
1046112	Drill Core	1.99	0.091	16.2	5	0.62	65	0.046	7.46	2.130	2.57	0.4	23.4	34	0.9	7.2	1.4	0.1	1	4
1046113	Drill Core	1.80	0.087	14.6	6	0.59	45	0.044	7.16	1.957	2.54	0.4	20.7	31	1.2	6.9	1.3	0.1	1	4
1046114	Drill Core	1.96	0.095	16.7	8	0.62	49	0.046	7.68	2.187	2.55	0.3	22.7	35	1.0	8.2	1.5	0.1	1	4
1046115	Drill Core	1.86	0.093	16.2	7	0.65	54	0.048	7.59	2.902	2.34	0.4	22.5	35	0.7	8.5	1.6	0.1	1	4
1046116	Rock Pulp	0.38	0.117	13.0	65	1.05	246	0.271	7.55	1.507	6.50	13.3	26.3	27	2.5	10.6	2.7	0.2	1	17
1046117	Drill Core	1.61	0.086	15.8	8	0.59	32	0.046	7.34	2.013	2.58	0.3	19.6	34	1.0	7.6	1.3	<0.1	1	4
1046118	Drill Core	1.53	0.091	16.3	6	0.62	36	0.048	7.40	1.849	2.70	0.3	19.5	33	1.0	8.1	1.3	0.1	1	4
1046119	Drill Core	1.64	0.104	17.4	7	0.67	43	0.059	7.48	1.954	2.40	0.4	20.6	37	0.9	8.6	1.5	0.1	2	5
1046120	Drill Core	1.69	0.102	18.3	9	0.65	45	0.050	7.82	2.703	2.61	0.3	21.3	38	0.8	8.8	1.7	0.1	2	4
1046121	Drill Core	1.86	0.099	17.9	8	0.65	60	0.048	7.65	2.502	2.50	0.3	20.3	37	0.8	8.4	1.6	0.1	1	4
1046122	Drill Core	1.78	0.094	16.9	7	0.61	64	0.045	7.59	2.316	2.50	0.4	21.2	34	0.8	8.5	1.6	0.1	<1	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046093	Drill Core	3.1	55.6	1.2
1046094	Drill Core	3.0	75.5	1.2
1046095	Drill Core	2.5	77.4	1.0
1046096	Rock Pulp	2.0	112.0	0.9
1046097	Drill Core	3.1	83.4	0.9
1046098	Drill Core	3.4	85.8	0.9
1046099	Drill Core	3.7	91.4	0.9
1046100	Drill Core	2.4	79.3	1.0
1046101	Drill Core	3.3	73.2	0.8
1046102	Drill Core	3.8	71.7	1.0
1046103	Drill Core	3.8	75.3	1.0
1046104	Drill Core	4.3	65.2	0.9
1046105	Drill Core	4.6	58.0	0.9
1046106	Drill Core	2.7	53.3	0.9
1046107	Drill Core	2.5	53.3	0.9
1046108	Drill Core	5.1	57.9	1.0
1046109	Drill Core	3.9	54.1	1.0
1046110	Drill Core	4.6	71.6	1.1
1046111	Rock	0.1	0.6	<0.1
1046112	Drill Core	3.6	60.4	1.0
1046113	Drill Core	4.4	62.3	0.9
1046114	Drill Core	3.8	60.2	0.9
1046115	Drill Core	3.8	58.3	0.9
1046116	Rock Pulp	2.0	148.8	0.8
1046117	Drill Core	5.1	63.7	0.8
1046118	Drill Core	4.5	74.6	0.8
1046119	Drill Core	3.7	66.9	0.8
1046120	Drill Core	3.9	71.2	0.8
1046121	Drill Core	3.9	64.1	0.8
1046122	Drill Core	4.2	59.6	0.8



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046123	Drill Core	7.16	<0.005	5.2	47.7	8.5	28	<0.1	2.3	7.5	114	3.26	3	2.1	<0.1	4.6	261	0.1	0.2	0.2
1046124	Drill Core	6.73	<0.005	4.0	272.2	8.7	26	0.2	2.7	12.3	121	3.41	5	1.8	<0.1	3.8	237	0.2	0.4	0.1
1046125	Drill Core	3.37	<0.005	4.1	269.9	13.1	27	0.2	2.9	16.3	128	4.08	4	1.6	<0.1	3.4	252	0.1	0.3	0.2
1046126	Drill Core	6.50	<0.005	12.1	104.9	11.6	32	0.1	2.6	11.3	127	2.84	7	2.0	<0.1	4.5	422	0.2	0.4	0.2
1046127	Drill Core	6.82	<0.005	6.3	127.3	11.0	35	<0.1	2.6	9.5	119	2.94	3	1.9	<0.1	4.4	494	0.2	0.2	<0.1
1046128	Drill Core	7.15	<0.005	27.8	385.3	10.2	29	0.1	2.9	19.2	110	3.75	3	1.9	<0.1	4.0	449	<0.1	0.1	0.1
1046129	Drill Core	7.14	<0.005	26.6	313.5	16.6	49	0.3	3.0	25.8	127	3.54	3	1.7	<0.1	3.8	462	0.2	0.2	0.2
1046130	Rock	0.56	<0.005	0.3	4.1	0.3	<1	<0.1	1.0	0.4	31	0.09	<1	1.4	<0.1	<0.1	4765	<0.1	<0.1	<0.1
1046131	Drill Core	7.18	<0.005	6.3	164.6	10.7	30	0.1	2.6	11.4	120	3.07	3	2.1	<0.1	4.2	437	0.2	0.1	0.3
1046132	Drill Core	7.09	<0.005	15.6	187.3	13.3	35	0.1	2.5	15.7	124	2.85	26	2.1	<0.1	4.3	604	0.2	0.3	<0.1
1046133	Drill Core	7.10	<0.005	62.9	373.8	150.0	138	0.4	3.9	39.7	141	3.41	100	1.7	<0.1	3.4	9498	0.8	4.2	0.1
1046134	Drill Core	7.87	<0.005	16.3	215.6	130.5	874	1.1	4.1	36.5	228	4.04	55	1.7	<0.1	4.1	3465	6.7	23.7	0.4
1046135	Drill Core	6.74	<0.005	9.2	120.2	7.1	25	<0.1	3.5	39.2	152	3.51	35	1.7	<0.1	4.1	619	<0.1	1.1	0.2
1046136	Rock Pulp	0.07	0.602	21.8	5269	6341	>10000	70.9	45.9	18.3	508	9.23	358	2.1	0.8	2.1	153	229.1	103.8	27.7
1046137	Drill Core	7.08	0.006	12.2	123.7	147.8	766	0.7	2.9	16.8	353	3.26	34	1.9	<0.1	4.5	1685	5.9	9.2	0.2
1046138	Drill Core	6.62	0.007	26.0	273.3	62.2	214	0.7	2.8	27.0	233	3.75	77	1.5	<0.1	3.9	1036	1.4	7.3	0.2
1046139	Drill Core	6.27	<0.005	7.5	121.8	86.6	291	0.7	2.8	12.0	282	3.39	34	1.9	<0.1	4.6	1415	2.1	7.2	0.2
1046140	Drill Core	7.36	<0.005	5.8	107.6	59.2	196	0.4	3.0	14.3	195	3.80	29	1.6	<0.1	3.8	1695	1.4	4.1	0.2
1046141	Drill Core	5.94	<0.005	4.7	115.1	6.7	20	0.1	2.6	15.4	116	4.31	31	2.1	<0.1	4.1	1242	<0.1	1.4	0.2
1046142	Drill Core	6.59	<0.005	5.1	31.8	6.9	23	<0.1	2.3	10.9	103	3.53	7	1.7	<0.1	4.0	675	0.1	0.5	0.1
1046143	Drill Core	9.17	<0.005	6.3	74.5	7.2	21	<0.1	3.4	20.8	103	3.42	11	1.9	<0.1	4.4	645	0.1	0.2	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046123	Drill Core	1.31	0.091	18.4	7	0.64	47	0.051	7.22	1.554	2.62	0.5	22.9	38	1.0	7.9	1.4	0.1	1	4
1046124	Drill Core	1.77	0.084	13.5	5	0.63	57	0.047	7.16	1.769	2.34	0.6	21.3	30	0.7	7.0	1.3	0.1	1	4
1046125	Drill Core	2.40	0.081	11.7	5	0.61	41	0.040	6.94	1.640	2.24	0.6	20.7	27	0.6	6.9	1.1	<0.1	1	3
1046126	Drill Core	1.57	0.092	18.1	5	0.66	57	0.045	7.58	1.845	2.43	0.4	22.7	36	0.6	7.8	1.6	0.1	2	4
1046127	Drill Core	1.83	0.092	16.8	7	0.60	53	0.045	7.42	2.304	2.46	0.4	20.4	33	0.8	7.5	1.4	<0.1	1	4
1046128	Drill Core	1.72	0.089	16.0	8	0.60	55	0.042	7.07	2.077	2.54	0.4	19.1	35	0.9	7.4	1.3	0.1	1	4
1046129	Drill Core	1.85	0.098	15.7	6	0.60	56	0.044	7.43	2.180	2.64	0.5	19.1	33	0.8	7.4	1.3	0.1	1	4
1046130	Rock	36.56	0.004	0.6	1	1.99	13	<0.001	0.06	0.006	0.01	<0.1	0.2	<1	<0.1	0.4	0.1	<0.1	<1	<1
1046131	Drill Core	1.79	0.096	16.3	5	0.62	62	0.051	7.51	2.586	2.41	0.4	21.4	35	0.8	7.7	1.4	0.1	1	4
1046132	Drill Core	2.11	0.092	20.6	6	0.70	62	0.049	7.71	2.295	2.50	1.0	21.9	40	0.8	7.7	1.5	0.1	2	3
1046133	Drill Core	3.32	0.087	19.0	4	0.49	62	0.045	6.80	0.608	2.81	1.4	16.8	37	1.1	8.1	1.2	<0.1	2	5
1046134	Drill Core	1.81	0.109	17.0	5	0.50	67	0.040	7.44	1.311	2.84	1.3	20.7	34	0.8	7.6	1.4	0.1	2	3
1046135	Drill Core	2.16	0.086	15.0	11	0.60	43	0.048	7.28	1.754	2.62	1.1	20.8	31	1.0	6.9	1.6	0.1	1	4
1046136	Rock Pulp	1.78	0.054	9.9	29	0.91	46	0.188	3.70	1.483	0.74	1.2	29.1	22	51.4	10.2	4.2	0.2	<1	8
1046137	Drill Core	1.60	0.105	16.2	6	0.67	50	0.057	8.42	1.683	2.88	0.7	24.2	35	0.8	7.3	2.0	0.2	2	4
1046138	Drill Core	1.82	0.092	14.7	10	0.60	46	0.059	6.86	1.123	3.00	0.8	18.3	32	1.2	6.5	1.9	0.1	1	4
1046139	Drill Core	1.56	0.107	16.4	6	0.72	111	0.067	8.21	0.970	3.16	0.5	23.1	36	1.2	7.6	2.1	0.2	1	5
1046140	Drill Core	1.32	0.096	13.1	8	0.65	39	0.052	6.79	1.522	2.62	0.7	21.9	29	1.1	6.7	1.7	0.1	1	4
1046141	Drill Core	1.06	0.107	15.0	7	0.63	35	0.066	7.12	1.134	3.13	0.8	24.8	33	1.7	7.3	1.8	0.2	1	4
1046142	Drill Core	1.38	0.092	14.3	6	0.59	37	0.055	6.39	1.807	2.55	0.6	23.5	30	1.3	6.7	1.7	0.2	2	4
1046143	Drill Core	1.88	0.098	16.4	12	0.59	36	0.054	7.07	2.347	2.48	0.6	25.1	34	1.2	7.7	1.8	0.1	1	4



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CERTIFICATE OF ANALYSIS

SMI11000572.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046123	Drill Core	2.9	66.5	0.8
1046124	Drill Core	3.2	54.1	0.7
1046125	Drill Core	4.2	47.8	0.8
1046126	Drill Core	2.7	58.4	0.9
1046127	Drill Core	3.1	59.5	0.9
1046128	Drill Core	4.4	60.5	0.8
1046129	Drill Core	4.2	60.9	0.7
1046130	Rock	<0.1	0.4	<0.1
1046131	Drill Core	2.9	62.3	0.7
1046132	Drill Core	3.1	60.2	0.9
1046133	Drill Core	5.0	67.3	0.7
1046134	Drill Core	4.6	79.1	0.9
1046135	Drill Core	4.5	65.7	0.8
1046136	Rock Pulp	9.3	20.8	0.9
1046137	Drill Core	3.2	78.8	1.0
1046138	Drill Core	4.5	70.0	0.8
1046139	Drill Core	3.2	84.4	0.9
1046140	Drill Core	4.1	65.4	0.9
1046141	Drill Core	4.6	79.9	0.9
1046142	Drill Core	4.1	57.1	0.9
1046143	Drill Core	4.2	56.3	1.1



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QUALITY CONTROL REPORT

SMI11000572.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1046060	Drill Core	6.81	<0.005	5.5	102.2	17.0	60	0.3	4.2	11.7	275	3.15	18	2.5	<0.1	4.4	719	0.3	2.4	0.2	48
REP 1046060	QC	<0.005																			
1046065	Drill Core	6.37	<0.005	8.2	110.3	17.8	54	0.2	3.2	10.1	170	3.20	9	2.0	<0.1	4.5	451	0.3	0.4	0.1	30
REP 1046065	QC	8.4 113.2 18.1 61 0.2 3.2 10.5 169 3.18 10 2.0 <0.1 4.3 435 0.2 0.4 <0.1 31																			
1046069	Drill Core	7.49	<0.005	8.4	277.6	14.6	42	0.2	3.0	14.9	173	3.03	13	2.0	<0.1	4.3	439	0.3	<0.1	0.3	31
REP 1046069	QC	7.4 286.3 15.9 42 0.2 3.4 14.7 173 3.10 15 2.0 <0.1 4.3 497 0.3 <0.1 0.4 31																			
1046093	Drill Core	6.16	<0.005	5.7	146.9	10.0	32	0.1	2.8	11.7	134	3.19	12	1.9	<0.1	4.4	485	0.2	0.2	0.4	33
REP 1046093	QC	<0.005																			
1046115	Drill Core	6.90	<0.005	8.6	145.7	8.3	26	<0.1	3.0	13.5	126	3.22	2	2.0	<0.1	4.8	489	0.2	<0.1	0.1	34
REP 1046115	QC	<0.005																			
Core Reject Duplicates																					
1046053	Drill Core	7.73	0.010	28.7	145.1	9.8	31	0.3	2.4	13.0	218	2.82	16	2.0	<0.1	4.8	470	<0.1	2.5	0.2	32
DUP 1046053	QC	0.008 22.1 143.8 10.0 33 0.2 2.2 12.6 218 2.76 18 2.0 <0.1 4.7 461 0.1 2.4 0.2 32																			
1046088	Drill Core	6.98	<0.005	31.6	93.1	6.3	19	0.1	3.9	24.7	205	3.10	14	1.8	<0.1	3.9	524	<0.1	0.2	0.2	32
DUP 1046088	QC	<0.005 22.7 97.2 7.3 21 0.2 3.8 24.0 214 2.92 18 1.9 <0.1 3.9 526 <0.1 0.2 0.2 34																			
1046123	Drill Core	7.16	<0.005	5.2	47.7	8.5	28	<0.1	2.3	7.5	114	3.26	3	2.1	<0.1	4.6	261	0.1	0.2	0.2	37
DUP 1046123	QC	<0.005 6.0 47.8 9.1 28 0.4 2.9 8.0 119 3.32 3 1.9 <0.1 4.5 275 0.1 0.2 0.2 36																			
Reference Materials																					
STD OREAS24P	Standard	1.4 47.2 3.0 109 <0.1 138.2 43.3 1101 7.56 5 0.7 <0.1 2.9 376 0.1 0.1 <0.1 168																			
STD OREAS24P	Standard	1.4 46.2 3.4 109 <0.1 139.3 44.1 1048 7.52 1 0.8 <0.1 3.2 389 0.1 <0.1 0.1 156																			
STD OREAS24P	Standard	1.4 49.7 3.1 115 <0.1 143.0 46.6 1063 7.20 2 0.7 <0.1 2.7 375 <0.1 <0.1 <0.1 153																			
STD OREAS24P	Standard	1.4 50.4 3.2 120 <0.1 149.1 50.0 1125 7.75 1 0.6 <0.1 2.9 392 0.3 0.1 0.1 162																			
STD OREAS24P	Standard	1.6 51.1 3.6 126 0.1 145.1 47.1 1090 7.59 1 0.8 <0.1 3.3 351 <0.1 <0.1 <0.1 174																			
STD OREAS45C	Standard	2.2 622.5 26.3 84 0.3 336.3 98.5 1133 18.30 12 2.4 <0.1 10.6 37 0.2 0.8 0.2 270																			
STD OREAS45C	Standard	2.3 599.6 25.0 78 0.3 317.3 99.8 1072 18.28 12 2.3 <0.1 11.0 33 0.2 0.8 0.3 251																			
STD OREAS45C	Standard	2.3 619.8 24.8 78 0.3 337.0 104.4 1121 17.51 11 2.4 <0.1 10.2 37 0.2 0.8 0.2 254																			
STD OREAS45C	Standard	2.5 611.8 25.8 78 0.4 346.1 104.9 1145 18.31 11 2.4 <0.1 11.1 36 0.2 0.8 0.2 260																			
STD OREAS45C	Standard	2.1 647.3 26.6 86 0.4 351.3 110.2 1164 19.09 13 2.7 <0.1 12.0 36 0.3 0.7 0.2 285																			



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QUALITY CONTROL REPORT

SMI11000572.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																					
1046060	Drill Core	2.02	0.113	15.3	7	0.73	55	0.139	7.98	2.266	2.46	0.6	47.1	34	0.8	7.7	2.5	0.2	2	5	38.6
REP 1046060	QC																				
1046065	Drill Core	1.77	0.090	15.5	5	0.61	59	0.046	7.88	2.444	2.36	0.4	34.1	34	1.0	7.6	1.3	<0.1	2	4	24.7
REP 1046065	QC	1.76	0.087	14.5	5	0.60	40	0.048	7.76	2.526	2.35	0.4	34.2	33	0.9	7.6	1.4	<0.1	2	4	23.3
1046069	Drill Core	1.95	0.088	12.4	2	0.58	33	0.045	7.35	2.570	2.07	0.4	34.4	30	0.7	7.3	1.5	0.1	<1	4	26.2
REP 1046069	QC	1.90	0.092	12.6	1	0.60	33	0.045	7.21	2.629	2.12	0.4	35.3	30	0.8	7.8	1.5	0.1	<1	4	26.8
1046093	Drill Core	1.72	0.087	14.6	2	0.62	49	0.050	7.12	1.968	2.46	0.4	32.0	32	0.9	7.8	1.4	0.1	1	4	30.2
REP 1046093	QC																				
1046115	Drill Core	1.86	0.093	16.2	7	0.65	54	0.048	7.59	2.902	2.34	0.4	22.5	35	0.7	8.5	1.6	0.1	1	4	16.3
REP 1046115	QC																				
Core Reject Duplicates																					
1046053	Drill Core	1.45	0.089	17.1	5	0.67	51	0.044	8.13	1.845	2.75	0.9	39.0	39	0.7	8.1	1.4	0.1	2	4	14.3
DUP 1046053	QC	1.42	0.087	14.9	4	0.67	48	0.044	7.98	1.782	2.70	0.8	39.1	34	0.7	7.8	1.4	<0.1	2	4	12.9
1046088	Drill Core	3.21	0.096	18.4	6	0.68	43	0.045	6.15	1.390	2.47	0.7	23.1	39	0.9	8.8	1.2	<0.1	1	4	13.1
DUP 1046088	QC	3.04	0.095	17.6	6	0.68	43	0.044	6.54	1.496	2.47	0.7	23.5	37	0.8	8.4	1.2	<0.1	<1	4	13.6
1046123	Drill Core	1.31	0.091	18.4	7	0.64	47	0.051	7.22	1.554	2.62	0.5	22.9	38	1.0	7.9	1.4	0.1	1	4	15.8
DUP 1046123	QC	1.33	0.088	18.0	7	0.66	66	0.053	7.43	1.544	2.70	1.3	23.8	37	1.0	7.9	1.6	0.1	1	4	16.9
Reference Materials																					
STD OREAS24P	Standard	5.70	0.142	18.0	189	4.23	278	1.057	7.82	2.557	0.67	0.5	127.9	36	1.6	20.5	18.1	1.1	1	20	9.4
STD OREAS24P	Standard	5.45	0.125	17.3	198	4.06	272	1.042	7.84	2.559	0.66	0.5	133.5	38	1.8	24.3	19.4	1.1	<1	20	7.4
STD OREAS24P	Standard	5.91	0.146	18.1	197	4.13	279	1.030	7.61	2.510	0.63	0.4	131.2	37	1.6	20.5	18.2	1.1	1	20	7.4
STD OREAS24P	Standard	6.28	0.144	18.6	189	4.28	288	1.060	8.06	2.603	0.67	0.5	141.8	39	1.7	21.4	20.0	1.1	1	21	8.1
STD OREAS24P	Standard	5.74	0.137	20.0	198	4.26	281	1.075	7.89	2.540	0.67	0.4	138.5	36	1.6	21.4	19.6	1.2	1	20	7.5
STD OREAS45C	Standard	0.50	0.056	26.1	968	0.27	280	1.165	7.24	0.123	0.36	1.2	167.6	51	2.8	12.5	23.4	1.5	<1	59	18.3
STD OREAS45C	Standard	0.47	0.048	24.0	822	0.25	264	1.083	7.19	0.099	0.33	0.9	155.8	51	2.9	13.3	21.4	1.3	<1	58	15.7
STD OREAS45C	Standard	0.48	0.050	26.2	884	0.26	285	1.110	7.20	0.103	0.35	1.1	164.7	51	3.0	12.2	20.6	1.4	<1	60	16.0
STD OREAS45C	Standard	0.49	0.052	27.3	925	0.26	289	1.118	7.61	0.112	0.34	1.0	170.2	55	2.7	12.8	21.5	1.4	<1	62	16.8
STD OREAS45C	Standard	0.48	0.051	27.8	1001	0.30	283	1.203	7.44	0.111	0.37	1.1	172.9	51	3.4	13.2	24.6	1.5	1	58	17.3



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QUALITY CONTROL REPORT

SMI11000572.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046060	Drill Core	2.4	63.2	1.5
REP 1046060	QC			
1046065	Drill Core	3.6	65.4	1.2
REP 1046065	QC	3.6	64.0	1.2
1046069	Drill Core	3.6	48.0	1.2
REP 1046069	QC	3.7	50.5	1.1
1046093	Drill Core	3.1	55.6	1.2
REP 1046093	QC			
1046115	Drill Core	3.8	58.3	0.9
REP 1046115	QC			
Core Reject Duplicates				
1046053	Drill Core	2.6	75.3	1.3
DUP 1046053	QC	2.5	75.2	1.3
1046088	Drill Core	4.7	44.0	0.9
DUP 1046088	QC	4.4	44.4	0.9
1046123	Drill Core	2.9	66.5	0.8
DUP 1046123	QC	3.0	67.2	1.0
Reference Materials				
STD OREAS24P	Standard	<0.1	19.9	3.6
STD OREAS24P	Standard	<0.1	21.0	3.5
STD OREAS24P	Standard	<0.1	21.8	3.4
STD OREAS24P	Standard	<0.1	20.0	3.5
STD OREAS24P	Standard	<0.1	22.5	3.3
STD OREAS45C	Standard	<0.1	23.1	4.5
STD OREAS45C	Standard	<0.1	22.4	4.2
STD OREAS45C	Standard	<0.1	24.6	4.2
STD OREAS45C	Standard	<0.1	24.9	4.4
STD OREAS45C	Standard	<0.1	25.2	4.4



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OXH82	Standard	1.324																		
STD OXH82	Standard	1.283																		
STD OXH82	Standard	1.301																		
STD OXH82	Standard	1.332																		
STD OXH82	Standard	1.273																		
STD OXK79	Standard	3.561																		
STD OXK79	Standard	3.496																		
STD OXK79	Standard	3.745																		
STD OXK79	Standard	3.643																		
STD OXH82 Expected		1.278																		
STD OXK79 Expected		3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005		1.4	4.6	21.2	54	<0.1	2.9	5.4	792	2.38	1	3.2	<0.1	9.5	800	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.35	0.080	28.3	8	0.61	1137	0.258	8.04	2.829	1.74	0.2	11.3	59	1.8	15.2	26.1	1.4	3	5	35.0



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Project: Poplar Drilling

Report Date: November 30, 2011

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QUALITY CONTROL REPORT

SMI11000572.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	99.0	0.6



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Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

SMI11000572.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
G1	Prep Blank		<0.005	1.5	7.0	20.3	54	<0.1	5.0	5.4	793	2.42	1	3.6	<0.1	9.6	766	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

SMI11000572.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
G1	Prep Blank	2.46	0.082	28.1	15	0.65	1273	0.267	7.91	2.828	1.94	0.1	12.6	60	1.7	15.0	26.3	1.5	3	5	33.8



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QUALITY CONTROL REPORT

SMI11000572.1

		1EX	1EX	1EX
		S	Rb	Hf
		%	ppm	ppm
		0.1	0.1	0.1
G1	Prep Blank	<0.1	95.4	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 14, 2011
Report Date: December 05, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000610.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_13
P.O. Number
Number of Samples: 121

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	121	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	121	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 05, 2011

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046144	Drill Core	7.67	<0.005	8.3	157.0	9.1	29	0.1	3.4	14.9	145	3.65	6	2.0	<0.1	4.6	454	0.2	0.2	0.2
1046145	Rock	0.52	<0.005	<0.1	0.8	<0.1	<1	<0.1	0.6	<0.2	31	0.03	10	1.3	<0.1	<0.1	4316	<0.1	<0.1	<0.1
1046146	Drill Core	7.23	<0.005	2.7	68.3	9.8	33	<0.1	3.9	9.1	143	2.94	4	2.1	<0.1	4.6	566	0.2	<0.1	0.2
1046147	Drill Core	7.23	<0.005	9.3	106.3	8.8	23	<0.1	2.7	15.6	135	2.92	10	2.2	<0.1	4.9	494	0.1	0.1	0.2
1046148	Drill Core	3.50	<0.005	8.0	92.1	8.6	27	<0.1	4.0	12.4	135	2.94	10	2.1	<0.1	4.6	455	0.1	0.1	0.2
1046149	Drill Core	7.45	<0.005	12.3	166.7	10.0	27	0.2	3.2	20.6	111	3.72	17	1.8	<0.1	4.4	478	0.1	0.2	0.2
1046150	Drill Core	7.16	<0.005	4.1	68.8	13.1	54	<0.1	3.9	10.7	135	3.31	19	1.9	<0.1	4.9	1047	0.3	0.2	0.2
1046151	Drill Core	7.63	<0.005	13.7	100.7	5.4	12	0.1	3.0	11.2	76	3.46	23	2.0	<0.1	4.5	388	<0.1	0.6	0.2
1046152	Drill Core	7.43	0.006	66.3	100.1	4.3	12	<0.1	5.2	17.7	65	3.87	9	2.7	<0.1	4.7	456	<0.1	0.2	0.2
1046153	Drill Core	7.62	<0.005	5.3	72.3	5.2	17	<0.1	6.1	15.2	53	5.73	3	2.5	<0.1	3.8	522	0.2	0.2	0.3
1046154	Drill Core	7.69	<0.005	9.4	63.4	2.4	11	<0.1	4.2	13.8	98	3.25	3	1.9	<0.1	4.6	426	<0.1	0.1	0.2
1046155	Drill Core	7.80	<0.005	11.2	222.7	7.1	19	0.1	4.2	33.7	132	3.22	38	2.0	<0.1	4.7	540	<0.1	0.8	0.2
1046156	Drill Core	6.94	<0.005	27.3	128.8	5.5	17	0.1	7.3	39.6	125	4.33	22	2.4	<0.1	4.2	529	<0.1	0.2	0.3
1046157	Drill Core	7.29	<0.005	10.5	150.3	11.7	24	0.2	3.9	28.6	160	2.63	42	2.1	<0.1	4.7	498	<0.1	0.6	0.2
1046158	Rock Pulp	0.14	0.927	155.6	3606	54.2	126	3.5	26.8	20.6	520	4.99	61	1.3	1.1	2.8	265	0.5	7.8	0.7
1046159	Drill Core	7.34	0.012	28.9	558.8	17.8	38	0.3	4.2	32.4	158	3.01	19	2.9	<0.1	4.7	541	0.2	0.2	0.2
1046160	Drill Core	7.80	<0.005	13.5	122.6	13.3	36	0.1	5.1	36.5	158	2.59	4	2.2	<0.1	4.7	488	0.1	0.1	0.2
1046161	Drill Core	7.50	<0.005	12.8	144.1	9.4	37	0.1	11.7	21.7	156	3.60	7	2.8	<0.1	4.4	468	<0.1	0.1	0.3
1046162	Drill Core	7.46	<0.005	5.3	118.0	7.6	29	0.1	7.1	13.1	145	3.79	3	2.4	<0.1	4.3	422	0.1	0.1	0.2
1046163	Drill Core	8.07	<0.005	5.6	193.2	11.4	39	0.1	3.4	16.4	136	3.17	3	2.0	<0.1	4.5	449	0.2	0.2	0.1
1046164	Drill Core	6.84	0.006	19.2	301.6	11.4	31	0.2	4.1	21.3	150	3.10	2	2.2	<0.1	4.6	433	<0.1	0.1	0.1
1046165	Drill Core	7.62	<0.005	13.9	149.3	10.2	28	0.1	2.7	13.5	139	2.95	5	2.1	<0.1	4.6	450	0.2	0.2	0.1
1046166	Drill Core	3.28	<0.005	15.5	151.8	10.4	31	0.2	4.0	18.3	148	3.11	3	2.1	<0.1	4.6	474	0.1	0.2	0.1
1046167	Drill Core	6.87	0.005	4.2	202.7	11.4	33	0.2	2.7	14.2	141	3.06	16	2.1	<0.1	4.6	438	<0.1	0.2	0.2
1046168	Drill Core	7.47	0.011	9.9	429.2	8.1	31	0.2	5.0	13.8	146	3.77	14	1.9	<0.1	4.3	418	0.2	0.3	0.4
1046169	Drill Core	6.20	0.005	9.3	233.3	9.6	27	0.2	3.2	15.2	117	3.02	21	2.1	<0.1	4.5	438	<0.1	0.1	0.2
1046170	Drill Core	8.19	0.006	11.6	342.1	10.3	29	0.3	3.4	24.6	135	3.23	24	2.0	<0.1	4.7	462	0.2	0.2	0.1
1046171	Rock	0.39	<0.005	<0.1	1.4	<0.1	<1	<0.1	0.5	<0.2	23	0.04	9	1.8	<0.1	<0.1	4204	<0.1	<0.1	<0.1
1046172	Drill Core	7.11	0.007	15.0	242.8	10.5	31	0.2	4.5	21.8	133	3.08	17	2.0	<0.1	4.4	443	0.1	0.2	0.1
1046173	Drill Core	7.38	<0.005	10.1	233.6	19.7	60	0.3	3.6	19.5	176	3.13	41	1.9	<0.1	4.4	487	0.3	1.7	0.1



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046144	Drill Core	1.89	0.093	15.3	8	0.64	22	0.068	7.79	2.280	2.49	1.2	23.3	34	1.3	9.4	2.1	0.2	2	4
1046145	Rock	35.30	0.004	0.1	<1	1.77	7	0.002	0.05	0.007	<0.01	2.1	0.3	<1	0.1	0.3	<0.1	<0.1	<1	<1
1046146	Drill Core	1.87	0.087	15.3	8	0.64	27	0.064	7.91	3.245	1.85	0.5	22.4	34	0.8	9.5	1.8	0.1	2	4
1046147	Drill Core	2.16	0.091	15.8	7	0.61	39	0.062	7.85	2.893	2.27	0.8	24.6	36	0.9	9.3	2.2	0.2	1	4
1046148	Drill Core	2.06	0.092	14.6	7	0.60	37	0.060	7.57	2.930	2.17	1.2	24.1	32	0.9	8.6	2.1	0.1	1	3
1046149	Drill Core	1.88	0.085	14.9	14	0.58	35	0.060	7.46	2.507	2.25	0.7	23.4	33	1.2	8.2	2.2	0.1	2	3
1046150	Drill Core	1.61	0.088	16.1	12	0.66	33	0.070	7.89	1.861	2.50	0.6	24.9	35	1.4	8.4	2.3	0.2	1	4
1046151	Drill Core	1.73	0.082	15.4	7	0.53	38	0.081	7.70	1.023	2.95	1.6	25.0	35	2.2	8.0	2.5	0.2	1	4
1046152	Drill Core	2.20	0.109	21.4	9	0.69	36	0.089	7.63	1.128	2.48	1.0	38.9	44	2.1	10.8	2.5	0.2	2	5
1046153	Drill Core	2.51	0.119	15.3	11	0.62	23	0.077	7.34	0.650	2.58	1.1	45.4	35	1.8	10.2	1.7	0.1	1	5
1046154	Drill Core	1.87	0.089	15.6	10	0.62	27	0.064	7.67	1.987	2.48	0.7	25.6	35	1.1	8.5	2.0	0.1	1	4
1046155	Drill Core	1.79	0.094	16.7	8	0.67	32	0.062	7.77	2.127	2.56	0.8	23.7	36	1.2	8.2	2.2	0.1	2	4
1046156	Drill Core	2.48	0.109	17.6	10	0.66	36	0.058	7.23	1.633	2.59	0.8	32.6	37	1.1	9.5	1.6	0.1	1	4
1046157	Drill Core	2.12	0.094	19.5	8	0.74	39	0.066	7.76	2.907	2.24	0.9	24.8	42	0.8	10.5	2.1	0.1	1	4
1046158	Rock Pulp	0.47	0.107	15.2	45	0.84	95	0.280	7.76	1.216	3.15	28.4	25.3	31	2.8	14.2	3.7	0.2	2	13
1046159	Drill Core	2.94	0.120	26.4	6	0.67	34	0.076	7.66	3.172	1.77	1.0	35.6	55	0.8	12.5	1.8	0.1	1	4
1046160	Drill Core	1.91	0.097	17.6	10	0.73	39	0.092	7.87	3.121	2.49	1.9	30.1	38	0.9	9.8	2.1	0.2	1	5
1046161	Drill Core	1.80	0.108	13.9	18	1.10	30	0.096	7.76	2.514	2.59	0.4	69.0	30	0.8	10.7	1.6	0.1	<1	7
1046162	Drill Core	1.72	0.095	14.2	15	0.88	33	0.086	7.66	3.030	2.31	0.4	42.9	32	1.0	9.5	1.6	0.1	1	5
1046163	Drill Core	1.91	0.089	17.0	8	0.65	34	0.072	7.51	2.900	2.36	0.6	22.0	38	1.0	9.4	2.0	0.1	1	4
1046164	Drill Core	1.97	0.097	16.3	7	0.62	31	0.072	7.81	2.904	2.53	0.5	23.0	37	0.8	10.0	1.9	0.1	2	4
1046165	Drill Core	2.00	0.087	14.3	6	0.62	43	0.065	7.70	2.639	2.47	0.4	22.6	32	0.9	9.0	2.0	0.2	2	4
1046166	Drill Core	2.09	0.087	15.3	7	0.63	48	0.067	7.73	2.775	2.45	0.4	24.5	35	0.8	9.5	1.9	0.2	2	4
1046167	Drill Core	1.80	0.090	15.5	6	0.66	42	0.068	7.75	2.630	2.56	0.9	24.0	34	1.0	8.7	2.1	0.1	1	4
1046168	Drill Core	2.00	0.084	16.9	7	0.71	26	0.067	7.54	2.267	2.67	0.7	25.9	37	1.2	8.6	2.1	0.1	1	4
1046169	Drill Core	1.84	0.085	15.7	6	0.67	38	0.062	7.75	2.512	2.61	0.9	25.8	34	0.9	8.3	2.2	0.2	1	4
1046170	Drill Core	1.96	0.093	16.0	7	0.65	41	0.061	7.66	2.377	2.64	0.6	24.2	35	0.9	8.6	1.9	0.2	1	4
1046171	Rock	34.88	0.003	0.1	<1	1.89	8	0.001	0.06	0.009	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1046172	Drill Core	2.31	0.100	17.4	9	0.65	45	0.065	7.66	2.494	2.62	0.6	24.0	38	0.9	9.5	2.2	0.1	2	4
1046173	Drill Core	1.79	0.094	15.6	7	0.66	33	0.060	7.73	2.459	2.45	0.9	23.8	35	0.8	9.0	1.9	0.1	1	3



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046144	Drill Core	4.2	60.2	0.9
1046145	Rock	<0.1	0.2	<0.1
1046146	Drill Core	3.3	50.6	0.8
1046147	Drill Core	3.5	54.0	1.0
1046148	Drill Core	3.5	50.6	0.9
1046149	Drill Core	4.5	52.6	0.8
1046150	Drill Core	3.8	63.0	1.0
1046151	Drill Core	4.4	77.3	0.9
1046152	Drill Core	5.0	61.1	1.2
1046153	Drill Core	7.6	61.9	1.2
1046154	Drill Core	4.1	57.2	0.9
1046155	Drill Core	3.8	60.2	0.9
1046156	Drill Core	5.5	60.3	1.2
1046157	Drill Core	3.3	56.0	0.9
1046158	Rock Pulp	2.5	90.4	0.7
1046159	Drill Core	3.9	48.2	1.2
1046160	Drill Core	2.8	63.8	1.0
1046161	Drill Core	3.8	64.0	2.1
1046162	Drill Core	4.1	60.9	1.3
1046163	Drill Core	3.6	59.9	0.9
1046164	Drill Core	3.4	60.6	0.8
1046165	Drill Core	3.3	59.4	0.9
1046166	Drill Core	3.5	60.6	1.0
1046167	Drill Core	3.3	62.9	1.0
1046168	Drill Core	4.4	67.1	0.9
1046169	Drill Core	3.5	62.7	1.0
1046170	Drill Core	3.8	60.8	1.0
1046171	Rock	<0.1	0.2	<0.1
1046172	Drill Core	3.7	60.2	0.9
1046173	Drill Core	3.5	60.3	1.0



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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046174	Drill Core	8.03	0.010	9.8	170.1	280.0	852	1.5	3.4	21.8	487	3.23	45	2.0	<0.1	4.8	504	6.5	26.1	0.2
1046175	Drill Core	7.29	<0.005	4.0	62.8	40.8	142	0.4	3.7	11.2	209	2.91	16	2.1	<0.1	4.9	441	1.0	4.8	0.2
1046176	Rock Pulp	0.07	0.890	22.1	5144	6382	>10000	77.3	46.8	19.4	551	9.19	362	2.3	1.2	2.3	170	233.5	118.7	28.8
1046177	Drill Core	7.00	<0.005	4.4	82.8	26.9	35	0.1	6.0	7.8	207	2.71	16	1.8	<0.1	4.0	442	0.3	1.2	0.4
1046178	Drill Core	7.77	0.006	7.7	191.0	29.7	59	0.2	8.8	14.7	170	3.41	7	2.3	<0.1	4.0	575	0.4	0.5	0.5
1046179	Drill Core	7.12	<0.005	7.3	179.9	19.0	44	0.2	11.5	12.0	221	3.53	4	2.4	<0.1	4.3	500	0.2	0.5	0.3
1046180	Drill Core	7.78	<0.005	4.8	134.2	17.7	48	0.1	10.9	9.7	156	3.56	4	2.6	<0.1	4.4	558	0.4	0.3	0.2
1046181	Drill Core	6.39	0.005	4.9	318.6	10.6	30	0.2	11.8	14.5	145	4.26	30	2.4	<0.1	4.2	496	0.3	0.4	0.2
1046182	Drill Core	6.35	0.006	8.6	313.6	12.9	33	<0.1	11.7	18.3	114	3.94	3	2.1	<0.1	3.8	521	0.3	0.2	0.2
1046183	Drill Core	7.63	<0.005	25.7	245.8	9.9	32	0.1	12.1	16.8	131	4.14	2	2.4	<0.1	4.1	522	<0.1	0.2	0.1
1046184	Drill Core	3.11	<0.005	19.7	244.8	11.4	34	0.1	12.8	16.8	129	4.33	3	2.4	<0.1	4.3	450	0.2	0.1	0.2
1046185	Drill Core	7.44	<0.005	3.8	202.7	8.8	31	<0.1	13.2	36.6	113	4.54	1	2.7	<0.1	4.2	497	0.3	0.1	0.2
1046186	Drill Core	7.24	<0.005	3.3	214.6	5.4	26	<0.1	11.9	16.0	119	4.37	<1	2.2	<0.1	3.9	511	0.1	0.1	0.2
1046187	Rock	0.34	<0.005	0.3	2.4	0.9	1	<0.1	0.7	0.4	38	0.09	<1	1.3	<0.1	<0.1	3990	<0.1	<0.1	<0.1
1046188	Drill Core	7.33	<0.005	5.1	150.6	9.3	31	<0.1	11.7	13.9	146	4.25	<1	2.7	<0.1	4.8	384	0.2	0.2	0.2
1046189	Drill Core	8.05	<0.005	4.9	95.6	9.2	28	<0.1	12.6	12.0	112	5.02	1	2.4	<0.1	3.9	554	<0.1	0.2	0.1
1046190	Drill Core	2.27	<0.005	3.3	185.0	9.0	26	<0.1	13.5	10.6	162	4.38	28	2.7	<0.1	4.4	714	0.2	2.0	0.2
1046191	Drill Core	11.53	0.007	1.7	87.3	7.9	37	<0.1	62.7	15.9	229	4.02	23	1.9	<0.1	6.8	223	0.1	8.9	0.2
1046192	Drill Core	12.12	<0.005	3.3	64.6	9.3	40	<0.1	64.6	25.2	318	5.03	20	1.6	<0.1	5.0	147	0.2	9.8	0.2
1046193	Drill Core	9.35	<0.005	1.2	58.1	4.5	24	<0.1	56.1	12.2	332	3.71	20	1.8	<0.1	6.3	124	0.1	8.4	0.2
1046194	Drill Core	10.57	<0.005	1.3	57.3	7.5	28	<0.1	68.6	15.7	227	3.67	14	1.6	<0.1	5.7	92	0.2	4.4	0.2
1046195	Rock Pulp	0.07	0.971	22.8	5259	5953	>10000	72.7	46.9	19.0	553	9.11	393	2.2	0.8	2.3	175	231.5	115.0	27.3
1046196	Drill Core	4.02	<0.005	2.8	83.7	8.3	43	<0.1	77.3	16.6	256	3.73	23	2.0	<0.1	6.3	114	0.2	6.2	0.2
1046197	Drill Core	9.00	0.005	5.1	179.5	8.7	29	0.1	21.2	33.6	130	9.45	4	1.4	<0.1	2.5	86	0.2	3.9	0.6
1046198	Drill Core	6.75	<0.005	4.6	69.6	10.3	65	<0.1	14.0	22.9	305	6.05	5	1.7	<0.1	4.3	217	0.2	9.2	0.4
1046199	Drill Core	11.71	<0.005	2.8	122.8	5.6	28	0.1	69.0	43.7	218	4.98	13	1.7	<0.1	5.2	105	0.1	3.8	0.3
1046200	Drill Core	10.89	<0.005	2.3	39.2	6.9	30	<0.1	70.6	16.9	159	3.57	17	1.7	<0.1	5.9	88	0.2	4.3	0.2
1046201	Drill Core	10.74	<0.005	2.8	101.1	6.0	26	<0.1	86.7	22.9	296	4.42	29	2.1	<0.1	6.9	761	<0.1	7.0	0.1
1046202	Drill Core	12.31	<0.005	3.9	82.4	4.7	24	<0.1	77.6	21.9	321	4.48	23	1.9	<0.1	6.4	154	0.2	9.7	0.2
1046203	Drill Core	11.43	<0.005	2.0	49.9	3.1	17	<0.1	65.7	13.9	199	3.49	22	1.7	<0.1	5.5	83	<0.1	12.1	0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046174	Drill Core	1.39	0.096	17.6	6	0.74	30	0.061	7.81	1.664	2.54	2.5	23.7	39	0.9	9.3	1.9	0.2	1	3
1046175	Drill Core	1.58	0.090	14.9	7	0.78	31	0.068	7.78	2.202	2.60	0.8	33.0	34	0.8	8.7	2.3	0.2	<1	4
1046176	Rock Pulp	1.76	0.051	10.5	31	0.88	119	0.204	3.80	1.293	0.74	1.2	30.4	24	51.2	11.9	4.3	0.2	<1	8
1046177	Drill Core	1.62	0.090	16.2	11	0.80	69	0.060	6.94	2.796	2.27	0.5	38.0	33	0.8	7.6	1.5	0.2	2	3
1046178	Drill Core	2.14	0.109	13.8	20	0.94	76	0.080	7.43	2.091	2.76	0.5	60.9	29	0.9	8.8	1.7	0.2	1	4
1046179	Drill Core	2.16	0.113	15.6	14	1.00	75	0.071	7.07	1.798	2.63	0.5	67.4	34	0.7	9.3	1.3	<0.1	1	5
1046180	Drill Core	2.08	0.114	13.5	17	1.03	58	0.085	7.33	2.079	2.68	0.6	72.6	30	0.9	9.3	1.3	0.1	1	5
1046181	Drill Core	2.00	0.115	12.7	16	1.05	40	0.081	7.37	1.787	2.64	0.4	69.3	29	0.8	9.4	1.2	<0.1	1	5
1046182	Drill Core	2.14	0.112	11.8	15	0.93	52	0.069	6.90	1.845	2.66	0.5	63.1	26	1.0	8.8	1.0	<0.1	1	5
1046183	Drill Core	2.30	0.121	16.9	16	1.02	56	0.081	7.16	1.758	2.66	0.6	70.6	36	1.0	10.4	1.3	<0.1	1	4
1046184	Drill Core	2.09	0.110	15.0	17	0.98	81	0.070	7.14	1.770	2.68	0.6	69.1	32	0.9	10.3	1.1	<0.1	1	5
1046185	Drill Core	2.15	0.112	12.3	15	0.92	38	0.082	6.95	1.873	2.71	0.5	73.7	28	1.2	10.0	1.5	0.1	1	5
1046186	Drill Core	2.11	0.122	12.9	20	1.08	48	0.083	6.95	2.177	2.38	0.5	65.6	28	0.9	9.8	1.2	0.1	1	5
1046187	Rock	37.20	0.004	1.0	2	1.55	18	0.002	0.08	0.018	0.02	<0.1	0.6	<1	<0.1	0.4	0.2	<0.1	<1	<1
1046188	Drill Core	1.93	0.133	14.7	18	1.04	47	0.079	8.11	2.326	2.51	0.4	74.7	32	0.7	10.2	1.1	<0.1	1	5
1046189	Drill Core	2.15	0.111	11.9	16	0.92	40	0.073	7.07	1.727	2.71	0.3	64.7	28	0.8	9.3	1.1	<0.1	1	5
1046190	Drill Core	1.98	0.119	12.9	17	1.14	51	0.084	8.19	1.516	2.53	0.4	75.3	28	0.8	9.7	1.1	<0.1	<1	5
1046191	Drill Core	1.65	0.064	22.5	103	1.21	662	0.143	8.76	0.398	1.90	1.3	88.3	45	1.6	9.8	2.0	0.1	2	11
1046192	Drill Core	1.77	0.062	16.1	73	1.18	138	0.085	7.77	0.344	1.98	1.1	44.3	35	1.1	7.7	1.2	<0.1	1	10
1046193	Drill Core	1.47	0.074	21.1	88	1.13	366	0.204	9.20	0.399	2.28	1.4	80.1	43	1.5	12.9	2.1	0.2	2	11
1046194	Drill Core	0.75	0.065	17.7	84	1.20	186	0.128	7.37	0.488	2.82	1.3	46.9	38	1.6	7.6	1.9	0.1	2	9
1046195	Rock Pulp	1.76	0.052	11.8	37	0.87	412	0.197	3.79	1.302	0.75	1.2	40.9	25	57.3	12.0	4.6	0.2	<1	5
1046196	Drill Core	1.21	0.087	20.1	89	1.17	131	0.146	9.65	0.397	2.62	1.8	50.3	46	1.5	9.7	2.1	0.2	2	13
1046197	Drill Core	0.77	0.104	13.1	10	0.52	16	0.066	6.40	0.372	2.51	1.7	54.8	30	2.7	8.0	0.8	<0.1	1	6
1046198	Drill Core	1.92	0.132	23.8	7	0.87	333	0.054	9.39	0.533	1.47	1.8	99.5	46	1.6	13.0	0.9	<0.1	1	6
1046199	Drill Core	0.76	0.076	15.1	80	1.17	83	0.135	6.95	0.438	3.00	1.7	47.8	33	2.8	7.7	2.0	0.1	1	10
1046200	Drill Core	0.48	0.082	14.3	88	1.14	206	0.165	7.30	0.433	3.20	1.7	49.5	32	2.0	7.6	2.4	0.1	1	10
1046201	Drill Core	1.35	0.097	23.2	103	1.38	131	0.209	9.95	0.446	2.51	1.6	61.3	51	1.6	10.7	2.8	0.2	2	15
1046202	Drill Core	0.94	0.086	17.0	92	1.35	244	0.207	8.72	0.414	2.38	1.1	51.3	38	1.3	8.7	2.9	0.2	2	12
1046203	Drill Core	0.42	0.063	13.7	81	1.18	410	0.205	6.97	0.329	3.05	1.1	44.9	31	1.6	7.0	2.9	0.2	2	10



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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046174	Drill Core	3.4	75.8	0.9
1046175	Drill Core	3.2	76.0	1.2
1046176	Rock Pulp	9.0	21.3	1.0
1046177	Drill Core	3.1	65.6	1.3
1046178	Drill Core	4.0	78.5	2.1
1046179	Drill Core	4.2	72.5	2.1
1046180	Drill Core	4.2	74.4	2.2
1046181	Drill Core	4.8	71.9	2.1
1046182	Drill Core	4.7	63.2	1.9
1046183	Drill Core	5.0	68.8	2.4
1046184	Drill Core	5.1	72.1	2.1
1046185	Drill Core	5.5	73.0	2.2
1046186	Drill Core	5.4	65.1	2.0
1046187	Rock	<0.1	0.7	<0.1
1046188	Drill Core	4.6	68.2	2.3
1046189	Drill Core	6.2	77.4	2.1
1046190	Drill Core	4.6	78.0	1.9
1046191	Drill Core	2.9	88.4	2.8
1046192	Drill Core	4.1	65.2	1.3
1046193	Drill Core	2.1	87.4	2.3
1046194	Drill Core	2.1	92.4	1.3
1046195	Rock Pulp	>10	22.6	1.1
1046196	Drill Core	2.4	80.0	1.7
1046197	Drill Core	>10	72.5	1.5
1046198	Drill Core	6.4	57.8	2.3
1046199	Drill Core	4.1	84.0	1.3
1046200	Drill Core	2.2	94.0	1.4
1046201	Drill Core	2.9	88.7	1.6
1046202	Drill Core	2.6	71.6	1.4
1046203	Drill Core	1.7	87.7	1.3



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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046204	Drill Core	2.98	<0.005	2.4	38.1	8.7	20	<0.1	60.7	11.2	251	3.60	41	1.4	<0.1	5.2	284	0.1	7.8	0.2
1046205	Drill Core	11.28	<0.005	3.2	37.8	10.9	22	<0.1	20.7	16.6	305	4.83	12	2.0	<0.1	4.9	567	0.1	6.4	0.7
1046206	Drill Core	7.36	<0.005	4.2	38.9	9.4	22	<0.1	21.2	20.9	315	5.80	11	1.9	<0.1	4.3	665	0.1	5.3	0.8
1046207	Drill Core	12.36	<0.005	4.5	28.7	13.1	43	<0.1	9.5	15.8	221	5.28	8	2.2	<0.1	4.7	983	0.3	3.7	0.6
1046208	Drill Core	13.11	<0.005	13.3	86.1	13.5	68	<0.1	11.3	29.2	197	6.91	20	2.0	<0.1	3.8	1094	0.2	5.5	0.7
1046209	Drill Core	13.12	<0.005	4.2	85.9	14.3	44	<0.1	9.3	17.1	209	4.73	23	1.9	<0.1	5.2	1191	0.3	9.6	1.0
1046210	Drill Core	13.55	<0.005	2.9	56.0	11.4	48	<0.1	9.0	11.5	214	4.99	17	1.9	<0.1	5.7	1335	0.2	7.2	1.5
1046211	Rock	0.51	<0.005	<0.1	0.5	0.2	<1	<0.1	0.5	<0.2	27	0.07	<1	1.3	<0.1	<0.1	3788	<0.1	0.2	<0.1
1046212	Drill Core	13.23	<0.005	2.8	37.9	10.5	53	0.2	36.9	16.3	184	4.27	19	1.4	<0.1	5.1	647	0.2	4.8	0.6
1046213	Drill Core	11.79	<0.005	3.4	117.8	55.1	486	0.2	58.6	14.7	223	3.32	52	0.9	<0.1	5.5	431	1.4	6.5	0.3
1046214	Drill Core	11.90	<0.005	3.1	118.7	4.6	39	0.2	55.7	20.5	354	4.28	46	1.3	<0.1	6.2	304	<0.1	9.8	0.2
1046215	Drill Core	12.63	0.009	1.3	89.5	11.4	60	0.3	68.5	13.2	363	3.48	60	1.3	<0.1	6.5	448	0.2	6.8	0.3
1046216	Drill Core	12.97	0.006	2.5	135.7	5.7	24	0.1	65.9	19.7	191	4.29	39	1.2	<0.1	6.3	307	0.2	8.6	0.2
1046217	Rock Pulp	0.10	0.453	148.3	3892	28.3	72	2.7	40.8	21.4	428	4.70	47	0.9	0.3	3.0	234	0.3	4.3	0.4
1046218	Drill Core	11.59	<0.005	15.6	145.7	5.0	24	0.2	54.5	14.4	254	3.38	38	1.2	<0.1	6.7	392	<0.1	9.2	0.2
1046219	Drill Core	11.62	<0.005	5.7	116.5	11.3	64	0.3	59.1	16.8	339	3.21	33	1.2	<0.1	6.3	550	0.4	6.5	0.2
1046220	Drill Core	10.61	<0.005	3.2	53.8	8.5	43	0.1	50.0	18.7	167	3.41	24	1.3	<0.1	6.2	650	0.1	4.4	0.2
1046221	Drill Core	10.78	0.006	4.8	190.8	15.1	76	0.7	56.6	33.1	278	5.07	63	1.4	<0.1	5.5	644	0.3	9.8	0.4
1046222	Drill Core	11.54	<0.005	17.5	184.5	10.7	30	0.4	6.1	24.7	230	4.42	64	1.8	<0.1	4.4	808	0.1	6.6	0.2
1046223	Drill Core	12.82	<0.005	13.9	263.9	4.8	19	0.2	4.3	23.3	216	3.90	83	1.8	<0.1	4.8	692	<0.1	6.4	0.2
1046224	Drill Core	7.58	0.007	8.8	220.6	5.2	20	0.2	3.8	14.0	182	3.84	69	2.0	<0.1	4.9	1018	<0.1	5.6	0.2
1046225	Rock	0.53	<0.005	0.2	1.7	0.2	8	<0.1	6.2	0.6	32	0.14	10	0.8	<0.1	<0.1	3807	<0.1	<0.1	<0.1
1046226	Drill Core	6.97	0.008	6.4	182.4	177.0	658	1.2	4.4	18.1	374	3.77	59	1.9	<0.1	4.4	453	4.6	6.9	0.3
1046227	Drill Core	6.50	<0.005	21.0	205.3	23.2	63	0.6	2.9	20.3	214	3.13	60	1.7	<0.1	4.5	676	0.4	4.8	0.2
1046228	Drill Core	4.13	0.006	46.5	240.2	22.5	63	0.6	4.1	24.2	210	3.32	72	1.6	<0.1	4.2	726	0.4	4.8	0.3
1046229	Drill Core	7.74	0.006	8.9	160.4	21.4	77	0.4	2.7	21.8	260	3.44	31	1.7	<0.1	4.4	568	0.6	2.3	0.2
1046230	Drill Core	7.57	<0.005	10.1	130.4	11.0	29	0.1	2.9	17.6	134	3.11	34	1.7	<0.1	4.4	716	0.1	0.4	0.1
1046231	Drill Core	6.92	<0.005	3.0	185.7	11.8	35	0.1	2.3	22.1	107	3.10	28	1.5	<0.1	4.7	540	0.2	0.3	0.2
1046232	Drill Core	7.29	0.008	6.2	317.3	11.7	41	0.3	3.5	17.6	146	2.66	102	1.3	<0.1	4.6	492	0.1	0.9	0.2
1046233	Drill Core	7.55	0.008	32.8	397.3	14.9	48	0.2	3.3	20.9	162	3.03	129	1.7	<0.1	4.7	739	<0.1	2.5	0.1



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046204	Drill Core	2.09	0.053	14.0	75	1.37	131	0.152	7.65	0.292	2.95	1.4	40.9	31	2.6	8.1	2.3	0.1	1	10
1046205	Drill Core	2.07	0.107	21.5	21	1.10	444	0.054	8.57	0.445	1.96	1.0	68.9	44	1.2	9.7	1.0	<0.1	1	7
1046206	Drill Core	2.19	0.113	17.3	16	1.14	254	0.088	8.89	0.470	2.06	0.8	87.3	36	1.0	8.9	1.1	<0.1	1	6
1046207	Drill Core	1.65	0.144	20.5	9	0.83	246	0.054	9.68	0.473	1.96	0.5	80.7	40	1.2	10.3	1.0	<0.1	1	6
1046208	Drill Core	1.69	0.132	17.8	9	0.90	113	0.057	9.33	0.404	2.29	2.6	66.4	40	2.0	9.3	0.9	<0.1	<1	6
1046209	Drill Core	1.67	0.115	19.9	8	1.00	917	0.046	8.38	0.278	1.98	0.7	52.2	37	1.0	8.8	0.8	<0.1	1	6
1046210	Drill Core	1.72	0.118	20.0	8	1.02	1373	0.048	8.79	0.217	2.24	1.4	57.8	40	0.9	9.6	0.9	<0.1	1	5
1046211	Rock	35.71	0.005	1.0	2	1.77	10	0.002	0.05	0.003	0.02	<0.1	0.5	<1	0.1	0.4	<0.1	<0.1	<1	<1
1046212	Drill Core	1.23	0.075	16.2	46	0.81	40	0.047	7.29	0.208	2.46	1.6	49.4	34	1.3	8.2	0.9	0.1	1	11
1046213	Drill Core	1.15	0.064	17.6	73	0.84	108	0.166	7.98	0.140	2.67	1.5	37.2	37	1.1	9.5	2.3	0.2	2	16
1046214	Drill Core	1.07	0.072	19.3	77	0.96	269	0.134	7.96	0.187	3.21	0.9	47.7	39	1.3	9.4	2.1	0.1	1	15
1046215	Drill Core	1.14	0.077	24.8	72	0.91	321	0.118	7.44	0.163	2.91	0.9	48.2	50	1.2	9.6	2.1	0.1	1	13
1046216	Drill Core	1.84	0.061	19.2	60	1.13	100	0.079	7.59	0.266	2.28	1.1	49.7	39	1.3	9.2	1.3	<0.1	1	13
1046217	Rock Pulp	0.40	0.114	17.7	65	1.07	500	0.283	7.34	1.611	3.27	14.5	28.4	34	2.4	10.9	2.9	0.2	1	15
1046218	Drill Core	1.72	0.072	20.2	72	1.08	336	0.086	7.70	0.224	2.51	0.9	50.4	40	1.1	8.5	1.2	<0.1	<1	13
1046219	Drill Core	1.42	0.070	18.1	67	1.06	133	0.091	7.78	0.169	3.03	0.9	49.6	37	1.1	8.4	1.5	<0.1	<1	14
1046220	Drill Core	1.51	0.066	15.1	62	1.14	77	0.072	7.81	0.162	2.77	1.5	50.8	31	1.3	7.6	1.2	<0.1	1	13
1046221	Drill Core	0.96	0.074	14.3	59	0.88	49	0.071	7.59	0.131	3.13	1.9	47.9	31	1.7	7.3	1.1	<0.1	1	13
1046222	Drill Core	0.93	0.089	16.1	4	0.80	39	0.050	7.60	0.093	2.90	1.0	60.4	34	1.2	7.3	1.3	<0.1	1	4
1046223	Drill Core	0.89	0.085	17.7	5	0.78	41	0.050	7.37	0.090	3.01	1.0	58.7	36	1.4	7.2	1.6	0.1	2	4
1046224	Drill Core	1.22	0.097	20.1	3	0.91	44	0.051	8.22	0.065	2.48	0.8	61.3	40	0.8	7.5	1.7	0.1	1	4
1046225	Rock	36.13	0.003	0.2	7	1.54	6	0.001	0.02	0.002	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046226	Drill Core	1.83	0.085	16.9	3	0.66	60	0.055	7.41	0.069	2.56	0.8	50.1	34	0.9	7.1	1.6	0.1	1	4
1046227	Drill Core	2.05	0.088	15.3	3	0.71	59	0.045	7.85	0.929	2.69	0.6	53.5	33	0.5	7.5	1.8	0.2	1	4
1046228	Drill Core	2.08	0.087	14.3	3	0.67	51	0.041	7.41	0.997	2.57	0.6	49.1	32	0.5	7.0	1.8	0.1	1	3
1046229	Drill Core	2.12	0.087	16.1	2	0.70	57	0.043	7.70	0.855	2.75	0.5	47.0	34	0.7	7.4	1.6	0.1	1	4
1046230	Drill Core	2.05	0.087	14.8	3	0.64	68	0.043	7.68	1.419	2.50	0.5	43.7	32	0.5	6.9	1.7	0.1	1	3
1046231	Drill Core	1.55	0.097	17.8	2	0.65	45	0.045	8.30	1.483	2.75	0.7	40.8	38	0.8	7.2	1.6	0.1	2	4
1046232	Drill Core	1.74	0.082	16.7	3	0.65	62	0.042	7.45	1.013	2.69	0.8	38.7	35	0.7	7.5	1.6	0.1	1	3
1046233	Drill Core	1.82	0.084	17.8	2	0.65	53	0.040	7.66	0.072	2.82	0.6	39.4	36	0.9	7.4	1.5	0.1	1	3



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046204	Drill Core	2.6	82.0	1.1
1046205	Drill Core	5.1	63.0	1.8
1046206	Drill Core	6.3	58.5	2.0
1046207	Drill Core	5.5	55.2	2.5
1046208	Drill Core	7.8	68.2	1.9
1046209	Drill Core	5.1	62.3	2.0
1046210	Drill Core	5.3	73.0	2.2
1046211	Rock	<0.1	0.8	<0.1
1046212	Drill Core	4.2	82.0	1.3
1046213	Drill Core	2.1	108.8	1.1
1046214	Drill Core	2.5	123.7	1.4
1046215	Drill Core	2.0	119.6	1.3
1046216	Drill Core	3.6	80.2	1.4
1046217	Rock Pulp	2.1	90.7	0.8
1046218	Drill Core	2.3	92.8	1.4
1046219	Drill Core	2.4	103.8	1.5
1046220	Drill Core	3.0	87.2	1.4
1046221	Drill Core	5.0	90.7	1.4
1046222	Drill Core	4.3	83.9	1.7
1046223	Drill Core	3.6	80.7	1.7
1046224	Drill Core	3.5	66.3	1.9
1046225	Rock	<0.1	0.2	<0.1
1046226	Drill Core	3.6	68.7	1.6
1046227	Drill Core	3.0	68.0	1.8
1046228	Drill Core	3.3	61.7	1.6
1046229	Drill Core	3.2	70.5	1.3
1046230	Drill Core	2.9	58.4	1.4
1046231	Drill Core	2.8	62.5	1.4
1046232	Drill Core	2.5	61.1	1.3
1046233	Drill Core	2.8	63.3	1.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046234	Drill Core	7.52	<0.005	14.5	288.7	62.0	239	0.8	12.6	21.6	336	3.30	96	1.6	<0.1	4.7	913	1.4	8.3	0.2
1046235	Drill Core	7.29	0.005	28.2	453.3	120.4	426	2.7	4.0	24.0	575	3.06	139	2.7	<0.1	4.9	1137	1.9	21.5	0.2
1046236	Rock Pulp	0.10	0.442	149.9	3840	28.1	71	2.6	40.5	21.7	409	4.57	44	0.7	0.6	2.7	237	0.2	4.0	0.4
1046237	Drill Core	7.78	0.009	39.6	593.3	63.6	410	0.9	6.3	41.1	291	3.76	195	1.3	<0.1	4.1	1282	1.3	6.1	0.3
1046238	Drill Core	7.37	0.027	448.9	1437	343.0	1936	14.1	27.4	105.7	553	7.26	490	7.8	<0.1	4.0	1099	9.5	47.4	0.6
1046239	Drill Core	7.36	0.087	264.6	3990	556.5	3630	22.4	18.3	48.7	634	4.64	1084	8.9	0.1	4.3	1707	13.7	94.5	0.5
1046240	Drill Core	7.24	0.007	18.9	175.7	33.4	190	0.5	5.3	29.4	199	3.68	68	2.7	<0.1	4.1	816	0.5	2.9	0.3
1046241	Drill Core	7.35	<0.005	134.6	254.9	35.8	243	0.5	7.8	20.7	194	3.26	91	2.1	<0.1	4.4	852	0.6	1.5	0.4
1046242	Drill Core	5.90	<0.005	5.1	193.0	18.3	102	0.2	11.0	22.7	189	4.17	54	1.5	<0.1	4.1	696	0.1	0.3	0.1
1046243	Drill Core	6.01	<0.005	7.6	163.4	19.4	81	0.2	10.4	17.0	156	3.46	69	1.4	<0.1	4.3	747	0.3	0.2	0.1
1046244	Drill Core	6.45	<0.005	35.3	151.7	13.1	41	0.1	8.7	15.9	154	3.44	64	1.4	<0.1	4.0	552	0.2	0.2	0.2
1046245	Drill Core	4.10	<0.005	24.7	158.1	12.1	39	0.1	12.0	16.9	159	3.50	77	1.4	<0.1	4.0	576	0.2	0.2	0.2
1046246	Drill Core	7.91	0.013	11.2	276.9	7.4	26	0.2	9.2	20.4	159	3.62	27	2.4	<0.1	3.7	570	0.1	0.5	0.1
1046247	Drill Core	7.22	0.007	18.0	340.0	10.6	42	0.6	8.9	22.9	189	4.08	40	2.0	<0.1	4.0	655	<0.1	2.0	0.1
1046248	Drill Core	7.12	0.008	9.7	330.2	25.0	170	0.4	4.8	30.5	201	3.45	101	2.0	<0.1	4.6	768	0.4	0.4	0.1
1046249	Drill Core	7.49	0.009	16.9	448.4	27.3	160	0.4	3.4	23.6	265	3.25	145	1.7	<0.1	4.6	637	0.4	0.9	0.1
1046250	Rock	0.62	<0.005	0.2	<0.1	0.1	<1	<0.1	<0.1	<0.2	31	<0.01	<1	1.4	<0.1	<0.1	4088	<0.1	<0.1	<0.1
1046251	Drill Core	6.88	0.014	92.6	725.1	88.4	347	1.3	4.5	21.8	357	2.68	227	2.5	<0.1	5.2	753	1.2	8.0	0.2
1046252	Drill Core	7.17	0.012	7.1	396.7	18.9	82	0.3	3.5	16.1	198	2.80	120	1.8	<0.1	4.8	522	0.2	1.4	<0.1
1046253	Drill Core	7.30	0.009	12.5	376.2	30.9	143	0.6	4.0	17.1	236	2.82	134	1.8	<0.1	4.7	401	0.4	3.4	<0.1
1046254	Drill Core	6.83	0.026	67.6	1013	92.0	361	1.3	4.2	20.2	210	2.93	363	1.9	<0.1	4.7	452	1.5	7.9	0.1
1046255	Drill Core	6.17	0.019	21.3	878.7	25.5	111	0.5	4.0	20.4	209	2.83	274	1.7	<0.1	4.7	528	0.3	1.5	<0.1
1046256	Rock Pulp	0.10	0.933	154.2	3542	49.8	127	4.4	28.2	20.5	488	4.92	59	1.1	0.6	2.5	205	0.7	7.7	0.6
1046257	Drill Core	6.99	0.020	33.8	909.0	182.7	551	1.7	4.1	26.4	494	3.33	220	1.9	<0.1	4.4	504	3.6	6.7	0.2
1046258	Drill Core	6.80	0.014	94.4	832.2	74.8	373	1.2	3.9	24.4	207	3.10	243	2.1	<0.1	4.7	642	1.4	2.0	0.1
1046259	Drill Core	6.93	0.010	55.4	846.2	57.0	254	0.5	3.5	20.7	203	2.55	181	1.9	<0.1	4.8	535	0.9	0.6	0.1
1046260	Drill Core	6.82	0.018	65.1	950.7	29.9	129	0.5	3.5	19.2	200	2.66	122	1.7	<0.1	4.6	617	0.4	0.3	0.1
1046261	Drill Core	7.29	0.015	48.2	866.9	11.1	31	0.4	4.0	20.4	179	2.77	40	1.6	<0.1	4.4	492	0.1	0.2	0.1
1046262	Drill Core	7.38	0.012	45.4	985.2	9.0	29	0.3	4.3	25.7	160	2.94	41	1.7	<0.1	4.8	394	<0.1	0.2	0.1
1046263	Drill Core	2.60	0.033	127.0	2075	15.6	49	0.5	4.7	21.7	168	3.38	33	1.5	<0.1	4.4	326	0.2	0.2	0.1



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Project: Poplar Drilling
Report Date: December 05, 2011

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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046234	Drill Core	0.90	0.086	18.6	3	0.71	51	0.045	7.99	0.070	2.97	1.1	39.0	38	0.9	7.0	1.6	0.1	1	3
1046235	Drill Core	1.04	0.092	21.8	2	0.76	77	0.047	7.79	0.066	3.05	0.7	39.3	44	0.8	8.1	1.6	0.1	1	3
1046236	Rock Pulp	0.41	0.109	16.9	64	1.04	449	0.277	7.28	1.477	3.47	14.4	27.7	32	2.4	10.8	2.8	0.2	1	15
1046237	Drill Core	0.87	0.090	17.8	3	0.72	58	0.043	7.52	0.065	2.78	0.8	35.4	35	0.7	5.8	1.4	0.1	2	3
1046238	Drill Core	1.02	0.145	33.8	2	0.64	34	0.038	6.38	0.062	2.64	1.3	27.6	69	1.4	18.6	1.1	<0.1	1	4
1046239	Drill Core	1.97	0.179	32.2	6	0.88	48	0.144	7.27	0.060	2.48	0.9	40.3	66	1.6	12.7	2.3	0.1	<1	5
1046240	Drill Core	1.37	0.093	17.6	4	0.77	56	0.047	7.83	0.197	2.88	0.9	39.3	36	1.7	8.0	1.5	0.1	1	4
1046241	Drill Core	1.64	0.114	19.6	6	0.90	50	0.049	7.92	0.559	2.87	1.2	48.9	40	1.1	8.5	1.3	<0.1	1	6
1046242	Drill Core	1.59	0.119	14.3	8	0.96	40	0.052	7.87	1.256	2.60	0.5	51.6	31	0.7	8.7	0.8	<0.1	1	7
1046243	Drill Core	1.89	0.118	16.0	11	1.08	46	0.067	8.49	1.870	2.41	0.5	52.5	35	0.6	9.2	1.2	<0.1	1	8
1046244	Drill Core	2.67	0.107	15.0	9	0.94	46	0.065	7.38	1.955	2.20	0.4	47.5	32	0.6	7.9	1.1	<0.1	1	7
1046245	Drill Core	2.68	0.114	15.1	9	0.96	58	0.063	7.49	2.004	2.24	0.4	48.3	31	0.6	7.5	1.1	<0.1	1	7
1046246	Drill Core	2.47	0.115	12.2	11	0.92	46	0.061	7.55	1.835	2.48	0.4	52.0	27	0.6	7.5	1.0	<0.1	1	7
1046247	Drill Core	2.03	0.113	15.3	11	0.94	47	0.062	7.45	1.678	2.56	0.4	45.5	30	0.7	8.0	0.9	<0.1	1	7
1046248	Drill Core	1.45	0.099	17.4	4	0.71	52	0.050	7.62	1.280	2.56	0.6	37.3	35	0.6	7.0	1.3	<0.1	2	4
1046249	Drill Core	1.56	0.088	16.9	5	0.68	42	0.051	7.50	1.194	2.89	0.5	33.9	33	0.7	7.3	1.3	<0.1	1	4
1046250	Rock	36.63	0.003	0.4	<1	1.87	17	0.001	0.10	0.004	<0.01	<0.1	0.3	<1	0.1	0.4	<0.1	<0.1	<1	<1
1046251	Drill Core	1.52	0.088	25.1	1	0.73	82	0.048	7.78	0.338	3.00	0.5	33.0	46	0.8	8.5	1.2	<0.1	1	4
1046252	Drill Core	1.77	0.091	17.4	4	0.71	118	0.081	7.56	1.633	2.44	0.5	31.1	33	0.8	7.8	1.7	0.1	1	4
1046253	Drill Core	1.68	0.090	17.6	6	0.74	113	0.076	7.41	1.051	2.57	0.5	29.0	34	0.9	7.9	1.6	0.1	1	4
1046254	Drill Core	1.46	0.086	20.3	3	0.66	92	0.057	7.38	0.426	2.63	0.8	27.6	38	1.2	8.0	1.5	<0.1	1	4
1046255	Drill Core	1.76	0.086	18.5	5	0.70	129	0.076	7.63	1.811	2.48	0.6	27.8	35	0.7	7.9	2.0	0.1	<1	4
1046256	Rock Pulp	0.40	0.106	15.3	48	0.83	386	0.252	6.86	1.095	3.16	25.2	22.0	29	3.0	10.8	3.2	0.2	1	13
1046257	Drill Core	1.74	0.089	20.2	6	0.72	74	0.080	7.57	1.542	2.70	0.6	27.0	38	0.8	8.0	2.0	0.1	1	4
1046258	Drill Core	1.47	0.091	18.8	4	0.62	83	0.064	7.55	1.493	2.58	0.7	27.8	36	0.9	7.7	1.7	0.1	1	4
1046259	Drill Core	1.57	0.093	20.1	5	0.60	158	0.081	7.82	2.179	2.66	0.7	27.5	38	0.9	8.2	2.0	0.1	1	4
1046260	Drill Core	1.75	0.088	18.5	5	0.63	132	0.085	7.41	2.340	2.51	0.7	23.4	36	1.1	7.9	1.8	0.1	1	4
1046261	Drill Core	1.81	0.087	17.1	5	0.63	140	0.072	7.30	2.503	2.71	0.7	24.6	33	1.2	8.1	1.8	0.1	<1	4
1046262	Drill Core	1.58	0.099	20.6	5	0.64	147	0.067	7.86	2.115	2.85	0.5	26.0	39	0.9	8.6	1.7	0.1	1	4
1046263	Drill Core	1.80	0.100	20.1	6	0.70	87	0.055	7.48	2.162	2.47	0.3	23.0	38	1.2	8.6	1.5	<0.1	<1	4



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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046234	Drill Core	3.1	78.6	1.3
1046235	Drill Core	2.7	85.5	1.4
1046236	Rock Pulp	2.1	104.1	0.8
1046237	Drill Core	3.6	71.3	1.2
1046238	Drill Core	8.0	73.8	1.0
1046239	Drill Core	4.0	68.9	1.2
1046240	Drill Core	3.4	73.8	1.3
1046241	Drill Core	3.0	72.4	1.5
1046242	Drill Core	3.8	62.4	1.5
1046243	Drill Core	3.4	57.1	1.6
1046244	Drill Core	4.0	52.1	1.4
1046245	Drill Core	4.0	52.9	1.5
1046246	Drill Core	4.0	52.8	1.6
1046247	Drill Core	4.2	56.4	1.4
1046248	Drill Core	3.1	57.3	1.3
1046249	Drill Core	3.0	67.2	1.1
1046250	Rock	<0.1	0.3	<0.1
1046251	Drill Core	2.4	78.9	1.2
1046252	Drill Core	2.2	64.0	1.1
1046253	Drill Core	2.3	66.9	1.1
1046254	Drill Core	2.5	66.1	0.9
1046255	Drill Core	2.0	57.9	1.0
1046256	Rock Pulp	2.7	74.3	0.6
1046257	Drill Core	2.7	68.0	1.0
1046258	Drill Core	2.4	57.9	1.0
1046259	Drill Core	2.0	61.3	0.9
1046260	Drill Core	2.2	57.9	0.8
1046261	Drill Core	2.4	60.7	0.9
1046262	Drill Core	2.3	59.3	0.9
1046263	Drill Core	2.6	51.0	0.8



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CERTIFICATE OF ANALYSIS

SMI11000610.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046264	Drill Core	7.81	0.015	95.5	1075	13.6	44	0.5	4.2	21.2	152	3.01	65	1.6	<0.1	4.6	554	0.2	0.7	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046264	Drill Core	1.80	0.091	19.0	5	0.62	100	0.071	7.45	2.542	2.57	0.5	25.3	36	1.1	8.6	2.0	0.1	1	4



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CERTIFICATE OF ANALYSIS

SMI11000610.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1046264	Drill Core	2.6	54.5	1.0

QUALITY CONTROL REPORT

SMI11000610.1

Method Analyte Unit MDL		WGHT Wgt kg 0.01	G6 Au gm/t 0.005	1EX Mo ppm 0.1	1EX Cu ppm 0.1	1EX Pb ppm 0.1	1EX Zn ppm 1	1EX Ag ppm 0.1	1EX Ni ppm 0.1	1EX Co ppm 0.2	1EX Mn ppm 1	1EX Fe % 0.01	1EX As ppm 1	1EX U ppm 0.1	1EX Au ppm 0.1	1EX Th ppm 0.1	1EX Sr ppm 1	1EX Cd ppm 0.1	1EX Sb ppm 0.1	1EX Bi ppm 0.1	1EX V ppm 1
Pulp Duplicates																					
1046144	Drill Core	7.67	<0.005	8.3	157.0	9.1	29	0.1	3.4	14.9	145	3.65	6	2.0	<0.1	4.6	454	0.2	0.2	0.2	35
REP 1046144	QC	<0.005																			
1046149	Drill Core	7.45	<0.005	12.3	166.7	10.0	27	0.2	3.2	20.6	111	3.72	17	1.8	<0.1	4.4	478	0.1	0.2	0.2	32
REP 1046149	QC	12.0 171.2 10.9 28 0.1 3.3 20.6 106 3.63 17 1.9 <0.1 4.4 481 0.2 0.1 0.2 32																			
1046192	Drill Core	12.12	<0.005	3.3	64.6	9.3	40	<0.1	64.6	25.2	318	5.03	20	1.6	<0.1	5.0	147	0.2	9.8	0.2	113
REP 1046192	QC	<0.005																			
1046199	Drill Core	11.71	<0.005	2.8	122.8	5.6	28	0.1	69.0	43.7	218	4.98	13	1.7	<0.1	5.2	105	0.1	3.8	0.3	150
REP 1046199	QC	<0.005																			
1046203	Drill Core	11.43	<0.005	2.0	49.9	3.1	17	<0.1	65.7	13.9	199	3.49	22	1.7	<0.1	5.5	83	<0.1	12.1	0.1	164
REP 1046203	QC	2.2 45.9 2.8 18 <0.1 64.5 13.2 201 3.45 21 1.7 <0.1 5.6 86 0.1 11.8 0.1 160																			
1046215	Drill Core	12.63	0.009	1.3	89.5	11.4	60	0.3	68.5	13.2	363	3.48	60	1.3	<0.1	6.5	448	0.2	6.8	0.3	124
REP 1046215	QC	1.3 96.3 12.3 61 0.2 72.5 14.1 380 3.65 62 1.4 <0.1 6.7 448 0.2 7.2 0.3 127																			
1046234	Drill Core	7.52	<0.005	14.5	288.7	62.0	239	0.8	12.6	21.6	336	3.30	96	1.6	<0.1	4.7	913	1.4	8.3	0.2	29
REP 1046234	QC	<0.005																			
1046255	Drill Core	6.17	0.019	21.3	878.7	25.5	111	0.5	4.0	20.4	209	2.83	274	1.7	<0.1	4.7	528	0.3	1.5	<0.1	43
REP 1046255	QC	0.016																			
Core Reject Duplicates																					
1046155	Drill Core	7.80	<0.005	11.2	222.7	7.1	19	0.1	4.2	33.7	132	3.22	38	2.0	<0.1	4.7	540	<0.1	0.8	0.2	34
DUP 1046155	QC	<0.005 12.0 209.4 6.9 19 0.1 4.0 32.2 132 3.10 36 2.0 <0.1 4.5 529 <0.1 0.5 0.2 35																			
1046190	Drill Core	2.27	<0.005	3.3	185.0	9.0	26	<0.1	13.5	10.6	162	4.38	28	2.7	<0.1	4.4	714	0.2	2.0	0.2	68
DUP 1046190	QC	<0.005 3.0 193.9 8.7 27 <0.1 13.2 10.3 161 4.43 28 2.5 <0.1 4.6 716 0.1 2.0 0.1 71																			
1046225	Rock	0.53	<0.005	0.2	1.7	0.2	8	<0.1	6.2	0.6	32	0.14	10	0.8	<0.1	<0.1	3807	<0.1	<0.1	<0.1	<1
DUP 1046225	QC	<0.005 0.3 1.0 0.2 <1 <0.1 <0.1 0.4 28 0.14 12 0.7 <0.1 <0.1 3592 <0.1 <0.1 <0.1 <1																			
1046260	Drill Core	6.82	0.018	65.1	950.7	29.9	129	0.5	3.5	19.2	200	2.66	122	1.7	<0.1	4.6	617	0.4	0.3	0.1	42
DUP 1046260	QC	0.015 64.5 921.3 28.1 131 0.4 3.7 20.7 202 2.82 128 1.7 <0.1 4.3 587 0.4 0.3 0.1 41																			
Reference Materials																					
STD OREAS24P	Standard	1.2 50.2 2.9 108 <0.1 140.4 46.8 1120 7.46 <1 0.6 <0.1 2.7 369 0.1 <0.1 <0.1 157																			
STD OREAS24P	Standard	1.4 47.3 2.8 111 <0.1 134.6 43.7 1017 7.08 <1 0.7 <0.1 2.6 383 <0.1 0.1 0.2 161																			



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QUALITY CONTROL REPORT

SMI11000610.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
1046144	Drill Core	1.89	0.093	15.3	8	0.64	22	0.068	7.79	2.280	2.49	1.2	23.3	34	1.3	9.4	2.1	0.2	2	4	25.8
REP 1046144	QC																				
1046149	Drill Core	1.88	0.085	14.9	14	0.58	35	0.060	7.46	2.507	2.25	0.7	23.4	33	1.2	8.2	2.2	0.1	2	3	33.8
REP 1046149	QC	1.86	0.088	14.2	14	0.58	27	0.061	7.68	2.493	2.22	0.7	23.3	32	1.1	8.4	1.9	0.1	1	3	34.1
1046192	Drill Core	1.77	0.062	16.1	73	1.18	138	0.085	7.77	0.344	1.98	1.1	44.3	35	1.1	7.7	1.2	<0.1	1	10	52.1
REP 1046192	QC																				
1046199	Drill Core	0.76	0.076	15.1	80	1.17	83	0.135	6.95	0.438	3.00	1.7	47.8	33	2.8	7.7	2.0	0.1	1	10	49.5
REP 1046199	QC																				
1046203	Drill Core	0.42	0.063	13.7	81	1.18	410	0.205	6.97	0.329	3.05	1.1	44.9	31	1.6	7.0	2.9	0.2	2	10	63.7
REP 1046203	QC	0.45	0.064	14.0	82	1.18	675	0.201	7.20	0.323	3.09	1.0	44.3	31	1.7	7.2	2.9	0.2	2	10	57.5
1046215	Drill Core	1.14	0.077	24.8	72	0.91	321	0.118	7.44	0.163	2.91	0.9	48.2	50	1.2	9.6	2.1	0.1	1	13	63.4
REP 1046215	QC	1.21	0.077	26.1	80	0.95	313	0.130	7.89	0.180	2.94	1.1	50.0	52	1.2	9.6	2.2	0.2	1	14	64.4
1046234	Drill Core	0.90	0.086	18.6	3	0.71	51	0.045	7.99	0.070	2.97	1.1	39.0	38	0.9	7.0	1.6	0.1	1	3	50.8
REP 1046234	QC																				
1046255	Drill Core	1.76	0.086	18.5	5	0.70	129	0.076	7.63	1.811	2.48	0.6	27.8	35	0.7	7.9	2.0	0.1	<1	4	89.8
REP 1046255	QC																				
Core Reject Duplicates																					
1046155	Drill Core	1.79	0.094	16.7	8	0.67	32	0.062	7.77	2.127	2.56	0.8	23.7	36	1.2	8.2	2.2	0.1	2	4	16.7
DUP 1046155	QC	1.77	0.091	15.1	7	0.66	31	0.064	7.50	2.155	2.26	0.8	24.4	33	1.0	7.7	2.2	0.2	1	3	17.0
1046190	Drill Core	1.98	0.119	12.9	17	1.14	51	0.084	8.19	1.516	2.53	0.4	75.3	28	0.8	9.7	1.1	<0.1	<1	5	24.7
DUP 1046190	QC	1.98	0.121	13.8	17	1.18	44	0.087	7.86	1.493	2.58	0.3	72.4	31	0.7	9.8	1.1	<0.1	<1	5	24.6
1046225	Rock	36.13	0.003	0.2	7	1.54	6	0.001	0.02	0.002	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.3
DUP 1046225	QC	35.72	0.003	0.2	1	1.61	8	0.001	0.05	0.002	0.01	<0.1	0.5	<1	<0.1	0.3	0.1	<0.1	<1	<1	0.3
1046260	Drill Core	1.75	0.088	18.5	5	0.63	132	0.085	7.41	2.340	2.51	0.7	23.4	36	1.1	7.9	1.8	0.1	1	4	49.0
DUP 1046260	QC	1.76	0.086	17.5	5	0.62	113	0.081	7.44	2.376	2.50	0.6	23.0	34	1.0	7.6	1.7	0.1	1	4	48.2
Reference Materials																					
STD OREAS24P	Standard	5.93	0.133	20.0	214	4.10	276	1.083	7.55	2.422	0.64	0.4	128.8	37	1.5	22.6	19.2	1.0	<1	21	7.3
STD OREAS24P	Standard	5.63	0.130	18.4	180	3.96	274	1.048	7.61	2.410	0.65	0.5	128.4	37	1.6	21.7	18.6	1.1	<1	14	7.3



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 05, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000610.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046144	Drill Core	4.2	60.2	0.9
REP 1046144	QC			
1046149	Drill Core	4.5	52.6	0.8
REP 1046149	QC	4.4	52.7	0.9
1046192	Drill Core	4.1	65.2	1.3
REP 1046192	QC			
1046199	Drill Core	4.1	84.0	1.3
REP 1046199	QC			
1046203	Drill Core	1.7	87.7	1.3
REP 1046203	QC	1.7	86.4	1.3
1046215	Drill Core	2.0	119.6	1.3
REP 1046215	QC	2.0	115.7	1.3
1046234	Drill Core	3.1	78.6	1.3
REP 1046234	QC			
1046255	Drill Core	2.0	57.9	1.0
REP 1046255	QC			
Core Reject Duplicates				
1046155	Drill Core	3.8	60.2	0.9
DUP 1046155	QC	3.7	53.4	0.9
1046190	Drill Core	4.6	78.0	1.9
DUP 1046190	QC	4.6	77.1	2.1
1046225	Rock	<0.1	0.2	<0.1
DUP 1046225	QC	<0.1	0.2	<0.1
1046260	Drill Core	2.2	57.9	0.8
DUP 1046260	QC	2.2	54.7	0.8
Reference Materials				
STD OREAS24P	Standard	<0.1	20.9	3.2
STD OREAS24P	Standard	<0.1	22.6	3.6



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QUALITY CONTROL REPORT

SMI11000610.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS24P	Standard			1.3	46.6	2.9	113	<0.1	134.2	43.5	1120	7.37	2	0.7	<0.1	2.9	339	0.1	<0.1	<0.1	153
STD OREAS24P	Standard			1.3	47.7	2.7	115	0.1	130.8	40.5	975	6.80	2	0.2	<0.1	2.7	362	0.2	0.1	<0.1	155
STD OREAS45C	Standard			2.2	623.6	26.0	83	0.3	330.8	106.6	1184	17.83	12	2.4	<0.1	11.1	32	0.1	0.9	0.2	254
STD OREAS45C	Standard			2.3	611.5	24.8	82	0.3	315.6	95.4	1053	17.16	12	2.2	<0.1	10.2	37	0.3	0.7	0.3	262
STD OREAS45C	Standard			2.5	597.3	24.0	81	0.4	316.1	99.5	1117	17.28	10	2.4	<0.1	10.9	40	<0.1	0.8	0.2	258
STD OREAS45C	Standard			2.2	599.9	23.3	86	0.4	310.1	97.4	1065	17.10	12	1.8	<0.1	9.6	30	0.3	0.8	0.2	255
STD OXH82	Standard		1.292																		
STD OXH82	Standard		1.329																		
STD OXH82	Standard		1.299																		
STD OXH82	Standard		1.256																		
STD OXH82	Standard		1.373																		
STD OXK79	Standard		3.760																		
STD OXK79	Standard		3.576																		
STD OXK79	Standard		3.613																		
STD OXK79	Standard		3.633																		
STD OXK79	Standard		3.588																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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BLK	Blank		<0.005																		



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QUALITY CONTROL REPORT

SMI11000610.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.71	0.132	17.0	195	3.97	260	1.039	7.77	2.460	0.66	0.5	134.0	36	1.5	22.8	18.9	1.1	1	20	8.1
STD OREAS24P	Standard	5.59	0.128	17.3	182	3.94	262	1.014	7.46	2.433	0.67	0.4	128.6	36	1.5	19.2	18.2	1.1	<1	19	7.6
STD OREAS45C	Standard	0.47	0.050	28.6	984	0.24	280	1.169	7.50	0.100	0.34	1.0	163.9	52	2.9	13.8	22.8	1.3	<1	63	16.0
STD OREAS45C	Standard	0.47	0.050	25.1	865	0.26	276	1.137	7.17	0.103	0.35	1.2	164.7	51	2.8	12.4	22.3	1.5	<1	41	16.3
STD OREAS45C	Standard	0.46	0.050	24.1	819	0.27	262	1.258	7.31	0.104	0.33	1.0	161.5	50	2.9	13.6	22.7	1.5	1	57	15.8
STD OREAS45C	Standard	0.45	0.050	23.7	909	0.24	265	1.149	7.18	0.083	0.33	1.0	162.5	48	2.8	11.7	21.7	1.4	<1	57	14.9
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI11000610.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	20.6	3.5
STD OREAS24P	Standard	<0.1	22.6	3.4
STD OREAS45C	Standard	<0.1	24.2	4.0
STD OREAS45C	Standard	<0.1	22.1	4.4
STD OREAS45C	Standard	<0.1	22.5	4.5
STD OREAS45C	Standard	<0.1	23.4	4.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000610.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	3.0	19.2	52	<0.1	2.7	4.5	730	2.28	1	2.6	<0.1	8.3	743	0.1	<0.1	0.1
G1	Prep Blank		<0.005	<0.1	2.6	19.4	49	<0.1	3.5	4.0	699	2.20	<1	3.5	<0.1	9.2	747	<0.1	<0.1	0.1



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QUALITY CONTROL REPORT

SMI11000610.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.40	0.079	25.5	6	0.59	1065	0.262	7.64	2.864	2.43	0.3	11.6	57	1.6	15.3	23.1	1.3	3	5	35.0
G1	Prep Blank	2.41	0.074	27.1	7	0.58	1105	0.247	7.96	2.813	1.35	0.2	10.9	59	1.6	15.2	23.2	1.3	3	5	32.8



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QUALITY CONTROL REPORT

SMI11000610.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	93.0	0.6
G1	Prep Blank	<0.1	48.6	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 19, 2011
Report Date: December 07, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000634.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_14
P.O. Number
Number of Samples: 121

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	121	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	121	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046265	Drill Core	7.66	0.016	80.3	971.8	14.6	45	0.4	4.5	16.4	183	2.50	23	1.6	<0.1	4.5	518	0.3	0.2	0.2
1046266	Drill Core	6.72	0.018	45.8	1017	15.9	39	0.7	4.0	18.4	186	2.63	15	1.5	<0.1	4.6	529	0.1	0.3	0.2
1046267	Drill Core	4.08	0.016	49.6	963.7	14.6	44	0.7	3.7	19.2	197	2.79	14	1.5	<0.1	4.8	546	0.2	0.3	0.2
1046268	Drill Core	7.39	0.018	64.3	1125	12.0	41	0.9	3.8	18.2	185	2.35	19	1.6	<0.1	4.4	523	0.2	0.3	0.2
1046269	Drill Core	7.70	0.018	112.1	1139	11.6	36	0.4	4.4	18.7	166	2.72	23	1.7	<0.1	4.8	562	0.1	0.2	0.2
1046270	Rock	0.44	<0.005	0.5	10.8	<0.1	3	<0.1	1.6	<0.2	34	0.05	12	1.6	<0.1	<0.1	4067	<0.1	<0.1	<0.1
1046271	Drill Core	4.89	0.033	91.5	1599	11.7	37	0.5	3.7	22.9	201	2.62	24	1.5	<0.1	4.6	530	<0.1	0.2	0.2
1046272	Drill Core	7.63	0.020	113.0	1147	10.5	34	0.4	4.2	15.4	165	2.72	7	1.6	<0.1	4.8	558	<0.1	0.2	0.1
1046273	Drill Core	7.16	0.040	170.3	1742	13.4	49	0.6	4.2	21.2	167	2.75	106	1.6	<0.1	4.5	703	0.2	0.2	0.1
1046274	Drill Core	7.26	0.030	74.1	1170	34.8	67	0.5	4.5	25.2	200	3.18	111	1.6	<0.1	4.6	707	0.2	0.6	0.2
1046275	Drill Core	4.09	0.026	69.0	1154	177.7	456	3.8	3.8	15.9	499	2.26	237	1.6	<0.1	5.0	411	2.6	40.3	0.2
1046276	Drill Core	4.87	0.026	4.8	1110	62.2	226	1.3	1.0	15.4	459	3.67	146	2.7	<0.1	3.7	1559	1.2	9.5	0.3
1046277	Drill Core	6.90	0.033	85.5	1373	13.5	40	0.5	5.9	20.7	224	2.34	11	2.1	<0.1	4.8	690	0.2	0.6	0.2
1046278	Drill Core	6.74	0.053	110.0	2102	9.7	36	1.0	11.6	24.8	327	2.67	33	2.7	0.2	5.3	609	0.2	0.4	0.4
1046279	Drill Core	7.57	0.076	150.6	3199	10.3	60	1.4	11.9	23.6	336	2.82	96	2.5	<0.1	5.2	692	0.3	0.5	0.2
1046280	Rock Pulp	0.12	0.911	23.1	5265	6136	>10000	69.5	45.8	19.1	556	8.95	395	2.2	1.5	2.3	161	222.5	109.4	25.9
1046281	Drill Core	7.27	0.032	86.8	1622	14.0	72	0.5	11.9	25.0	302	3.29	9	2.3	0.2	5.0	390	0.2	0.5	0.2
1046282	Drill Core	7.75	0.035	135.5	2626	15.4	55	1.2	14.0	29.1	346	3.33	10	2.8	<0.1	5.2	487	<0.1	0.8	0.2
1046283	Drill Core	7.13	0.015	59.0	1238	12.7	54	1.1	15.0	28.9	545	3.84	15	2.6	<0.1	5.0	389	0.2	0.5	0.4
1046284	Drill Core	3.81	0.017	52.8	1129	13.0	56	0.8	13.1	26.6	547	3.77	13	2.7	<0.1	4.9	386	0.2	0.6	0.4
1046285	Drill Core	7.53	0.006	73.1	800.9	11.1	50	0.7	11.6	16.8	453	3.26	13	2.6	<0.1	5.1	327	0.3	0.4	0.4
1046286	Drill Core	7.44	0.022	97.0	1208	19.0	49	0.7	4.6	16.6	248	2.48	9	1.7	<0.1	5.0	574	0.2	0.3	0.1
1046287	Drill Core	7.31	0.025	62.3	1146	14.5	47	0.4	5.1	18.8	207	2.23	20	2.3	<0.1	5.8	529	0.2	0.2	<0.1
1046288	Drill Core	7.53	0.154	180.2	4923	17.5	44	1.2	7.0	18.8	173	2.13	22	1.5	<0.1	4.5	437	<0.1	0.1	0.2
1046289	Rock	0.62	<0.005	0.2	5.9	<0.1	2	<0.1	0.4	<0.2	26	0.01	8	1.6	<0.1	<0.1	4430	<0.1	<0.1	<0.1
1046290	Drill Core	6.47	0.057	295.0	2757	15.3	44	0.8	4.4	12.1	176	1.56	29	1.6	<0.1	4.4	427	<0.1	0.2	0.1
1046291	Drill Core	6.88	0.029	78.7	1759	34.2	91	1.6	4.2	22.7	290	2.15	179	1.3	<0.1	4.2	1208	0.7	7.8	<0.1
1046292	Drill Core	6.76	0.022	71.7	1444	10.5	39	0.6	3.8	23.2	165	1.95	22	1.5	<0.1	4.1	571	<0.1	0.3	<0.1
1046293	Drill Core	6.53	0.023	61.2	1264	16.0	51	0.5	4.5	21.4	183	2.13	6	1.6	<0.1	4.6	536	0.2	0.1	<0.1
1046294	Drill Core	7.15	0.036	205.8	1754	17.0	55	0.7	4.0	23.7	214	2.01	3	1.5	<0.1	4.3	447	<0.1	0.2	0.1



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Project: Poplar Drilling
Report Date: December 07, 2011

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046265	Drill Core	2.22	0.080	16.9	5	0.55	68	0.074	6.92	2.518	2.60	0.3	23.6	36	0.9	8.6	1.9	0.1	1	4
1046266	Drill Core	2.09	0.080	15.4	8	0.56	67	0.066	7.07	2.412	2.80	0.3	25.0	33	1.0	8.2	2.0	0.1	1	4
1046267	Drill Core	2.06	0.086	16.6	3	0.57	71	0.072	7.04	2.485	2.71	0.3	26.4	36	1.1	8.4	2.2	0.1	<1	4
1046268	Drill Core	2.10	0.082	15.1	7	0.57	63	0.064	6.97	2.540	2.65	0.4	23.5	32	1.0	7.9	1.8	0.1	1	4
1046269	Drill Core	2.24	0.086	18.1	5	0.56	95	0.063	7.21	2.441	2.75	0.4	25.5	39	0.9	9.0	1.9	0.1	1	4
1046270	Rock	32.29	0.004	0.5	<1	1.60	14	0.001	0.08	0.015	0.02	<0.1	0.3	<1	0.6	0.4	<0.1	<0.1	<1	<1
1046271	Drill Core	2.38	0.093	18.7	4	0.57	68	0.077	6.99	2.628	2.41	0.4	18.1	39	1.0	8.8	1.9	0.1	<1	4
1046272	Drill Core	2.04	0.087	16.5	9	0.58	87	0.081	7.06	2.691	2.57	0.4	16.8	34	1.0	8.6	2.0	0.2	<1	4
1046273	Drill Core	1.93	0.087	16.3	2	0.59	77	0.074	7.32	2.342	2.79	0.5	17.5	35	0.9	8.0	1.9	0.1	1	4
1046274	Drill Core	1.88	0.093	14.8	7	0.60	73	0.070	7.08	2.129	2.65	0.7	17.6	33	0.9	7.4	1.9	0.1	2	4
1046275	Drill Core	1.83	0.083	18.2	3	0.74	132	0.082	7.26	1.086	2.89	0.7	17.6	37	1.1	7.8	2.2	0.2	2	4
1046276	Drill Core	2.38	0.160	11.1	2	0.89	62	0.120	7.83	1.820	2.44	0.7	57.6	25	0.8	10.5	2.0	0.1	1	5
1046277	Drill Core	2.04	0.100	18.4	7	0.80	86	0.076	7.03	2.221	2.61	0.5	32.0	39	1.0	9.0	1.7	0.1	1	5
1046278	Drill Core	2.04	0.108	18.4	14	1.03	78	0.068	8.00	0.973	2.74	0.6	62.2	38	1.2	8.7	1.1	<0.1	1	7
1046279	Drill Core	1.95	0.093	22.0	14	1.07	120	0.077	6.93	1.621	2.47	0.5	53.5	45	1.1	8.5	1.3	<0.1	1	7
1046280	Rock Pulp	1.77	0.049	10.7	30	0.89	84	0.175	3.79	1.234	0.70	1.1	31.8	24	50.6	10.4	3.8	0.2	<1	8
1046281	Drill Core	2.08	0.102	18.8	14	1.07	90	0.096	6.98	2.567	1.98	0.3	47.5	39	1.0	9.3	1.7	0.1	1	7
1046282	Drill Core	2.43	0.106	23.6	16	1.15	61	0.084	7.14	2.118	2.53	0.4	52.3	48	1.2	10.6	1.4	<0.1	1	7
1046283	Drill Core	1.90	0.108	19.0	14	1.11	58	0.091	7.32	2.054	2.41	1.2	54.1	40	0.9	10.4	1.4	<0.1	<1	7
1046284	Drill Core	1.80	0.115	18.6	19	1.09	52	0.088	7.08	2.077	2.47	1.4	53.7	38	1.0	10.1	1.4	<0.1	1	7
1046285	Drill Core	1.78	0.108	18.8	12	0.99	66	0.069	7.07	1.551	2.63	0.7	53.0	38	0.9	9.4	1.2	<0.1	1	7
1046286	Drill Core	1.91	0.108	18.9	9	0.78	113	0.100	7.47	3.053	2.38	0.3	19.0	39	0.8	9.8	2.4	0.1	1	5
1046287	Drill Core	1.89	0.090	20.1	3	0.69	140	0.139	8.97	3.299	2.33	0.4	18.5	42	0.9	9.7	2.9	0.2	2	5
1046288	Drill Core	2.64	0.116	20.0	6	0.64	117	0.078	7.08	2.567	2.76	0.5	16.7	40	1.5	8.8	1.8	0.1	1	4
1046289	Rock	33.68	0.004	0.7	<1	1.67	7	<0.001	0.04	0.002	<0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046290	Drill Core	2.48	0.085	20.1	4	0.60	124	0.088	6.85	2.494	2.62	0.4	14.3	42	1.0	7.5	1.7	0.1	1	4
1046291	Drill Core	2.23	0.087	15.1	3	0.68	86	0.072	7.06	1.659	2.77	0.4	16.0	33	0.7	6.7	1.4	<0.1	2	4
1046292	Drill Core	2.50	0.089	16.3	6	0.61	84	0.081	7.04	2.383	2.76	0.5	17.5	35	0.8	7.5	1.8	0.1	2	4
1046293	Drill Core	2.05	0.091	15.5	3	0.61	69	0.084	7.85	3.155	2.71	0.3	17.3	35	0.7	8.4	2.1	0.1	1	4
1046294	Drill Core	2.80	0.091	20.5	6	0.60	64	0.079	6.93	2.778	2.71	0.4	17.0	43	0.9	9.4	1.9	0.1	2	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046265	Drill Core	2.5	56.3	0.8
1046266	Drill Core	2.5	61.9	0.9
1046267	Drill Core	2.5	62.2	0.9
1046268	Drill Core	2.4	54.3	0.9
1046269	Drill Core	2.5	56.5	0.9
1046270	Rock	<0.1	0.2	<0.1
1046271	Drill Core	2.4	51.5	0.7
1046272	Drill Core	2.0	55.4	0.7
1046273	Drill Core	2.2	56.6	0.6
1046274	Drill Core	2.1	59.1	0.7
1046275	Drill Core	1.5	85.2	0.7
1046276	Drill Core	3.4	70.9	1.5
1046277	Drill Core	2.0	57.4	1.1
1046278	Drill Core	2.0	59.2	1.7
1046279	Drill Core	1.8	50.5	1.7
1046280	Rock Pulp	9.6	20.9	0.9
1046281	Drill Core	2.5	43.5	1.4
1046282	Drill Core	3.4	51.6	1.5
1046283	Drill Core	3.0	58.2	1.5
1046284	Drill Core	2.8	59.4	1.7
1046285	Drill Core	2.3	63.9	1.5
1046286	Drill Core	1.7	58.5	0.7
1046287	Drill Core	1.4	68.5	0.7
1046288	Drill Core	1.9	56.5	0.7
1046289	Rock	<0.1	<0.1	<0.1
1046290	Drill Core	1.5	55.7	0.6
1046291	Drill Core	1.8	69.1	0.6
1046292	Drill Core	2.0	55.8	0.7
1046293	Drill Core	2.1	55.2	0.7
1046294	Drill Core	2.4	49.6	0.7



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046295	Rock Pulp	0.14	1.068	392.9	3411	25.7	63	1.7	33.7	10.4	600	3.82	14	0.9	1.3	2.2	250	0.2	5.0	0.5
1046296	Drill Core	7.65	0.037	93.9	2062	15.8	46	0.6	5.6	20.2	175	1.96	2	1.6	<0.1	4.3	443	0.2	0.2	<0.1
1046297	Drill Core	6.87	0.028	56.7	1228	12.5	53	0.4	7.9	11.9	224	1.88	2	17.2	<0.1	4.9	672	0.2	<0.1	<0.1
1046298	Drill Core	3.27	0.052	38.8	2135	17.6	65	0.7	10.6	21.1	268	3.05	1	2.8	<0.1	4.6	623	0.4	<0.1	0.2
1046299	Drill Core	7.64	0.026	75.0	1339	14.6	46	0.6	4.5	14.4	204	2.09	1	1.7	<0.1	4.8	445	0.2	0.1	0.1
1046300	Drill Core	6.39	0.026	112.1	1020	14.9	46	0.4	3.3	15.0	190	2.25	2	1.7	<0.1	5.0	474	<0.1	0.1	<0.1
1046301	Drill Core	6.93	0.052	254.6	1714	12.3	45	0.9	4.0	17.3	203	2.27	9	1.6	0.2	4.8	455	0.2	0.3	0.1
1046302	Drill Core	7.18	0.028	122.4	1348	12.8	45	0.8	3.7	18.0	210	2.19	14	1.6	<0.1	5.1	501	<0.1	0.4	<0.1
1046303	Drill Core	6.84	0.031	57.5	1495	20.3	57	0.7	3.8	18.3	218	2.32	78	1.8	<0.1	5.0	517	0.3	1.5	<0.1
1046304	Drill Core	6.63	0.028	98.4	1874	20.1	46	1.0	4.5	12.6	222	2.55	27	1.7	<0.1	4.7	534	0.2	0.8	<0.1
1046305	Drill Core	3.52	0.041	79.9	1636	19.1	44	1.0	3.2	13.6	236	2.51	24	1.3	<0.1	3.9	515	0.2	0.8	<0.1
1046306	Drill Core	6.82	0.019	81.0	1378	14.3	44	0.6	4.1	12.6	215	2.57	6	1.6	<0.1	4.8	519	0.2	0.2	<0.1
1046307	Drill Core	7.03	0.030	110.0	1677	15.9	50	0.8	3.7	13.2	192	2.09	3	1.6	<0.1	4.9	501	0.2	<0.1	<0.1
1046308	Drill Core	6.47	0.027	103.4	1578	17.7	56	0.7	3.7	14.4	195	2.97	2	1.8	<0.1	5.3	409	0.1	<0.1	<0.1
1046309	Drill Core	6.15	0.059	199.2	3048	19.8	62	1.2	8.0	24.2	205	2.76	4	1.7	<0.1	4.4	442	0.2	<0.1	<0.1
1046310	Rock	0.58	<0.005	0.2	5.9	0.2	<1	<0.1	<0.1	0.2	23	0.06	10	1.3	<0.1	<0.1	4051	<0.1	<0.1	<0.1
1046311	Drill Core	7.39	0.026	42.2	1283	11.5	74	0.4	10.6	19.9	384	4.47	2	5.2	<0.1	4.5	518	0.2	<0.1	<0.1
1046312	Drill Core	6.94	0.015	38.4	944.4	15.1	78	0.4	10.8	19.1	393	4.66	2	3.8	<0.1	4.7	603	0.3	<0.1	<0.1
1046313	Drill Core	2.91	0.017	34.0	1007	14.3	69	0.4	10.8	24.1	318	4.21	4	3.6	<0.1	5.2	608	0.2	<0.1	<0.1
1046314	Drill Core	7.11	0.024	43.8	1638	14.6	37	0.7	4.6	16.5	167	2.34	2	1.7	<0.1	4.9	399	0.2	<0.1	<0.1
1046315	Drill Core	6.61	0.042	162.8	2803	12.0	35	1.1	9.2	21.4	173	3.35	11	1.9	<0.1	4.4	402	<0.1	<0.1	<0.1
1046316	Drill Core	6.75	0.023	56.6	1532	6.5	42	0.8	11.4	26.6	254	3.69	4	2.2	<0.1	4.9	535	<0.1	0.1	<0.1
1046317	Rock Pulp	0.07	0.846	22.5	5220	6077	>10000	74.6	45.3	19.1	546	8.80	217	2.5	2.0	2.4	157	237.5	112.2	27.5
1046318	Drill Core	7.02	0.014	72.5	1238	11.4	43	0.5	10.8	30.0	211	3.40	4	2.2	<0.1	4.1	440	0.1	0.2	<0.1
1046319	Drill Core	9.74	0.019	91.1	1285	11.2	45	0.6	10.5	26.5	238	3.35	2	1.9	<0.1	4.4	477	0.2	0.2	0.1
1046320	Drill Core	4.42	0.028	186.8	1547	15.5	48	0.6	12.4	23.7	261	3.95	4	2.5	<0.1	4.9	431	0.2	0.2	<0.1
1046321	Drill Core	6.74	0.024	69.5	1594	14.3	55	0.6	13.0	22.5	261	3.83	4	2.4	<0.1	5.2	409	0.2	0.2	<0.1
1046322	Drill Core	7.40	0.032	132.1	1799	14.1	56	0.6	11.0	23.7	236	3.36	46	1.9	<0.1	4.2	455	0.2	0.8	0.1
1046323	Drill Core	6.78	0.020	76.7	1497	15.3	57	0.5	6.1	16.5	190	3.14	10	1.8	<0.1	4.7	479	0.3	<0.1	<0.1
1046324	Drill Core	5.65	0.029	101.1	1991	16.7	68	0.9	5.6	22.9	203	3.05	353	2.5	<0.1	5.5	629	0.2	33.2	<0.1



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SMI11000634.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046295	Rock Pulp	1.66	0.057	8.9	40	0.84	556	0.270	5.14	2.081	0.91	1.6	37.3	19	2.2	11.5	3.8	0.2	<1	10
1046296	Drill Core	2.38	0.088	18.7	7	0.58	64	0.071	6.92	3.096	2.74	0.4	16.5	39	0.8	10.2	1.8	0.1	1	4
1046297	Drill Core	2.92	0.166	24.2	10	1.44	108	0.266	6.95	2.875	3.31	0.5	40.3	45	0.9	10.2	4.1	0.3	<1	8
1046298	Drill Core	2.37	0.158	17.2	11	1.33	135	0.321	7.38	3.402	2.75	0.3	34.0	31	1.0	10.3	4.8	0.3	1	8
1046299	Drill Core	2.01	0.088	18.6	8	0.64	91	0.090	7.43	3.380	2.62	0.3	18.5	36	0.8	10.2	2.2	0.2	1	4
1046300	Drill Core	1.88	0.086	19.0	4	0.63	104	0.100	7.25	3.279	2.60	0.3	18.1	38	0.6	10.4	2.4	0.2	2	4
1046301	Drill Core	2.33	0.081	21.1	4	0.56	128	0.077	7.15	2.777	2.73	0.4	16.1	42	0.9	9.4	2.1	0.1	2	4
1046302	Drill Core	2.11	0.086	19.6	6	0.58	142	0.080	7.40	2.706	2.81	0.3	17.6	39	0.6	8.7	1.8	0.1	2	4
1046303	Drill Core	1.99	0.087	19.0	5	0.60	158	0.071	7.33	2.353	2.81	0.4	17.6	37	0.8	8.3	1.6	0.1	1	4
1046304	Drill Core	2.35	0.084	20.5	4	0.58	111	0.077	7.10	2.244	3.04	0.3	16.1	41	0.6	8.7	2.2	0.1	1	4
1046305	Drill Core	2.47	0.078	16.1	5	0.56	128	0.076	6.58	2.139	2.95	0.3	14.8	34	0.6	7.7	2.1	0.1	1	4
1046306	Drill Core	2.34	0.085	20.7	5	0.58	105	0.072	7.36	2.370	3.02	0.3	17.8	41	0.8	8.7	2.1	0.1	1	4
1046307	Drill Core	2.34	0.086	20.0	7	0.59	88	0.079	7.29	2.838	2.92	0.3	19.4	41	0.7	9.4	2.0	0.1	2	4
1046308	Drill Core	1.85	0.087	19.8	5	0.66	81	0.084	7.42	3.118	2.84	0.3	20.7	40	0.8	9.7	2.5	0.2	1	4
1046309	Drill Core	2.93	0.090	23.8	14	0.72	81	0.090	7.09	2.941	2.88	0.3	24.3	47	0.9	11.3	1.8	0.1	2	5
1046310	Rock	32.75	0.005	0.1	<1	1.86	9	0.005	0.12	0.023	<0.01	<0.1	1.0	<1	<0.1	0.5	0.1	<0.1	<1	<1
1046311	Drill Core	2.94	0.142	20.1	12	1.45	205	0.380	7.49	2.618	2.63	0.2	43.0	41	1.7	14.4	6.3	0.4	1	10
1046312	Drill Core	2.88	0.143	19.5	13	1.52	250	0.399	7.50	2.817	2.66	0.2	43.0	41	1.6	14.9	6.9	0.4	1	11
1046313	Drill Core	2.89	0.147	27.6	12	1.23	167	0.351	7.82	2.266	2.44	0.5	41.8	48	0.8	10.3	6.2	0.4	1	10
1046314	Drill Core	2.29	0.090	18.2	4	0.62	102	0.088	7.49	2.807	3.04	0.4	21.7	37	0.9	9.8	2.1	0.1	1	4
1046315	Drill Core	2.43	0.099	21.7	14	0.80	82	0.098	7.00	1.777	3.41	0.3	38.3	43	1.1	10.3	2.3	0.2	1	5
1046316	Drill Core	2.35	0.113	14.2	17	1.07	109	0.123	7.28	2.212	3.11	0.3	50.6	30	0.7	10.7	2.5	0.2	1	7
1046317	Rock Pulp	1.76	0.051	10.7	29	0.88	223	0.188	3.80	1.306	0.72	1.1	30.6	23	53.0	11.2	4.2	0.2	<1	7
1046318	Drill Core	2.32	0.135	17.3	16	1.04	59	0.090	7.10	2.017	3.26	0.4	51.4	38	0.8	10.4	1.6	0.1	1	7
1046319	Drill Core	2.41	0.102	19.4	17	0.96	83	0.114	7.20	2.610	2.63	0.4	45.2	41	0.9	10.8	2.0	0.1	1	6
1046320	Drill Core	2.70	0.119	27.6	19	1.22	74	0.155	7.47	2.149	2.61	0.3	51.7	52	1.0	13.4	2.8	0.2	1	8
1046321	Drill Core	2.01	0.115	19.9	19	1.19	102	0.123	7.43	2.269	2.62	0.3	58.2	39	0.9	12.4	2.6	0.2	1	7
1046322	Drill Core	2.07	0.108	18.9	25	0.79	68	0.112	7.25	2.899	2.45	0.4	42.4	39	1.0	11.1	2.1	0.1	<1	6
1046323	Drill Core	2.05	0.089	21.0	8	0.57	78	0.083	7.28	2.599	2.81	0.3	25.7	43	0.9	9.4	2.0	0.1	1	5
1046324	Drill Core	1.45	0.117	30.7	6	0.49	104	0.084	8.79	2.206	2.94	0.8	25.1	58	1.0	11.0	2.3	0.2	2	5



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Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046295	Rock Pulp	0.4	25.6	1.1
1046296	Drill Core	2.5	52.6	0.7
1046297	Drill Core	1.9	70.4	1.3
1046298	Drill Core	1.7	63.3	1.0
1046299	Drill Core	1.9	60.4	0.8
1046300	Drill Core	1.6	56.7	0.8
1046301	Drill Core	2.3	58.0	0.7
1046302	Drill Core	1.8	58.5	0.7
1046303	Drill Core	1.9	60.0	0.6
1046304	Drill Core	1.9	60.7	0.6
1046305	Drill Core	1.9	52.6	0.5
1046306	Drill Core	2.2	62.8	0.7
1046307	Drill Core	2.2	59.5	0.7
1046308	Drill Core	2.0	62.4	1.0
1046309	Drill Core	3.4	58.3	0.8
1046310	Rock	<0.1	0.2	<0.1
1046311	Drill Core	1.4	63.0	1.4
1046312	Drill Core	1.3	58.8	1.4
1046313	Drill Core	1.6	63.2	1.3
1046314	Drill Core	2.1	71.1	0.8
1046315	Drill Core	2.7	69.1	1.3
1046316	Drill Core	2.2	71.9	1.6
1046317	Rock Pulp	9.6	21.5	1.0
1046318	Drill Core	3.2	63.0	1.5
1046319	Drill Core	2.9	58.1	1.3
1046320	Drill Core	2.8	64.5	1.4
1046321	Drill Core	2.1	60.4	1.8
1046322	Drill Core	2.3	52.3	1.3
1046323	Drill Core	2.4	57.6	0.9
1046324	Drill Core	1.8	64.6	1.0



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Project:

Poplar Drilling

Report Date:

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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046325	Rock	0.56	<0.005	0.3	6.3	0.2	<1	<0.1	1.0	0.3	30	0.03	10	1.3	<0.1	<0.1	4575	<0.1	<0.1	<0.1
1046326	Drill Core	6.94	0.016	112.5	1125	11.5	45	0.4	4.6	25.0	151	2.63	231	2.2	<0.1	5.2	499	0.1	12.9	<0.1
1046327	Drill Core	6.48	0.023	136.8	1520	12.2	67	1.1	5.2	24.8	242	2.69	165	1.8	<0.1	4.3	460	0.5	17.5	<0.1
1046328	Drill Core	3.89	0.016	176.2	1378	19.7	83	0.6	5.1	31.2	209	2.84	178	1.7	<0.1	4.8	456	0.7	12.5	0.1
1046329	Drill Core	6.37	0.018	91.4	2147	15.2	44	0.6	3.9	27.0	179	2.67	13	2.0	<0.1	5.1	536	0.4	0.3	<0.1
1046330	Drill Core	7.00	0.016	163.6	1327	12.9	39	0.6	4.1	32.3	149	2.89	64	2.0	<0.1	4.9	532	0.1	0.7	0.1
1046331	Drill Core	6.98	0.007	29.9	843.3	14.1	54	0.4	4.3	25.9	241	3.07	198	1.6	<0.1	4.6	503	0.2	15.9	0.1
1046332	Drill Core	7.14	0.028	213.8	1361	13.3	39	0.6	5.9	30.6	164	2.36	218	1.9	<0.1	4.5	562	0.2	5.0	0.1
1046333	Drill Core	6.93	0.033	95.6	1831	16.7	60	0.7	5.7	29.3	207	2.66	170	2.1	<0.1	6.1	687	0.5	32.0	0.2
1046334	Drill Core	8.34	0.016	46.9	1237	16.1	56	0.6	7.1	28.3	237	3.44	88	2.8	<0.1	5.7	607	0.3	1.8	0.2
1046335	Drill Core	7.67	0.015	65.9	1296	15.2	55	0.5	8.8	28.1	229	3.58	173	3.2	<0.1	5.2	474	0.4	5.4	0.2
1046336	Drill Core	7.26	0.029	159.2	1561	14.2	52	0.6	6.1	25.8	211	2.92	75	2.7	<0.1	5.7	589	0.6	12.9	0.2
1046337	Rock Pulp	0.10	0.463	152.3	4092	30.0	77	2.7	41.8	22.6	460	4.92	41	1.4	0.4	3.4	273	0.8	4.8	0.5
1046338	Drill Core	7.53	0.035	79.9	2075	13.0	46	0.7	9.2	33.2	218	3.97	25	3.2	<0.1	5.0	609	0.1	1.2	0.2
1046339	Drill Core	6.94	0.019	42.6	1257	12.4	39	0.5	5.9	25.8	171	3.40	18	2.6	<0.1	5.4	629	0.3	0.8	0.2
1046340	Drill Core	7.12	0.013	44.9	1000	11.8	38	0.4	5.9	29.5	179	3.17	27	2.1	<0.1	5.6	616	0.2	0.8	0.2
1046341	Drill Core	7.25	0.040	160.0	2065	19.8	94	0.8	7.9	29.5	238	2.81	367	3.1	<0.1	5.4	890	0.4	93.2	0.2
1046342	Drill Core	7.49	0.034	43.6	1784	15.1	49	0.7	6.2	35.1	191	2.86	299	2.3	<0.1	5.3	560	0.2	30.0	0.1
1046343	Drill Core	6.79	0.025	25.3	1080	15.8	46	0.4	3.7	25.2	166	2.60	34	2.0	<0.1	5.8	533	0.3	1.0	0.1
1046344	Drill Core	3.13	0.022	15.2	942.3	14.5	44	0.4	3.9	24.6	164	2.44	35	1.9	<0.1	5.6	509	0.2	0.9	0.1
1046345	Drill Core	7.75	0.020	35.2	1306	12.0	39	0.5	3.9	33.1	164	2.98	4	1.8	<0.1	5.2	501	0.3	0.2	0.1
1046346	Drill Core	8.13	0.010	9.5	861.1	12.9	46	0.4	4.8	26.2	191	3.07	3	2.3	<0.1	5.6	488	0.1	0.1	0.1
1046347	Drill Core	7.51	<0.005	13.0	465.6	11.2	37	0.2	5.3	15.1	183	2.79	3	2.0	<0.1	6.0	523	0.1	0.2	0.1
1046348	Rock	0.95	<0.005	0.1	1.2	0.1	<1	0.1	5.5	1.7	33	0.38	24	1.5	<0.1	<0.1	4574	<0.1	<0.1	<0.1
1046349	Drill Core	7.47	<0.005	10.9	439.3	10.0	34	0.2	3.2	16.9	161	3.00	3	2.1	<0.1	5.8	388	0.1	0.6	0.2
1046350	Drill Core	7.74	<0.005	113.6	391.1	11.6	37	0.4	3.7	15.2	180	2.39	2	1.9	<0.1	5.8	607	0.4	0.3	0.2
1046351	Drill Core	8.13	<0.005	31.3	421.4	9.7	25	0.2	3.2	15.9	141	2.63	3	1.9	<0.1	5.3	442	0.2	0.2	0.2
1046352	Drill Core	7.36	<0.005	18.9	383.1	9.6	26	0.2	4.7	13.5	147	3.18	1	1.9	<0.1	5.7	459	0.1	0.1	0.1
1046353	Drill Core	7.44	<0.005	8.5	316.7	13.0	39	0.1	3.7	11.5	154	3.08	2	1.9	<0.1	5.3	469	0.3	0.2	0.1
1046354	Drill Core	7.12	<0.005	16.7	300.3	11.0	30	0.2	4.1	11.7	152	2.95	3	1.8	<0.1	5.7	440	0.1	0.2	0.1



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Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046325	Rock	34.32	0.003	0.8	<1	1.59	9	0.002	0.05	0.005	<0.01	<0.1	0.7	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046326	Drill Core	1.42	0.101	24.8	6	0.47	81	0.070	8.46	2.326	2.93	0.5	25.3	46	1.2	9.7	2.1	0.2	2	5
1046327	Drill Core	3.37	0.098	21.6	4	0.62	108	0.072	7.01	2.238	2.54	0.6	22.1	43	1.0	10.3	2.0	0.1	2	4
1046328	Drill Core	2.03	0.093	21.7	6	0.61	82	0.070	7.29	2.292	2.56	0.5	22.3	42	0.9	9.4	2.0	0.1	<1	4
1046329	Drill Core	1.80	0.090	21.2	4	0.60	100	0.087	7.44	3.162	2.58	0.4	22.4	41	0.9	9.9	2.2	0.2	2	4
1046330	Drill Core	1.84	0.093	20.9	8	0.48	96	0.077	7.41	2.537	2.82	0.4	22.5	42	1.0	9.8	2.1	0.1	2	4
1046331	Drill Core	2.00	0.094	16.4	4	0.53	66	0.075	7.40	1.905	2.41	0.5	22.5	34	0.7	9.5	2.1	0.1	1	4
1046332	Drill Core	1.80	0.089	25.7	7	0.50	73	0.064	6.90	1.809	3.48	0.6	19.5	49	0.8	9.0	1.7	0.1	1	3
1046333	Drill Core	1.72	0.096	30.2	4	0.58	1376	0.101	8.22	2.141	3.28	0.8	25.0	53	1.2	11.6	2.9	0.2	2	4
1046334	Drill Core	2.19	0.135	23.9	11	0.72	1821	0.148	8.13	1.800	3.20	0.5	58.0	46	1.2	14.9	2.8	0.2	2	7
1046335	Drill Core	2.44	0.158	23.4	11	0.87	1259	0.175	8.17	1.113	2.57	0.5	69.8	45	1.5	14.8	3.0	0.2	1	8
1046336	Drill Core	2.45	0.125	30.6	10	0.79	1550	0.151	8.35	2.245	3.32	0.5	43.2	55	1.3	15.0	2.9	0.2	2	6
1046337	Rock Pulp	0.48	0.125	21.7	66	1.10	669	0.345	8.76	1.609	6.16	14.3	32.2	40	2.6	17.2	3.3	0.2	2	19
1046338	Drill Core	2.68	0.136	21.9	17	0.84	580	0.176	7.77	1.699	3.58	0.5	59.3	42	1.6	15.7	3.1	0.2	1	7
1046339	Drill Core	2.10	0.120	22.0	9	0.64	1493	0.132	8.00	2.713	3.15	0.5	40.7	42	1.0	12.9	2.9	0.2	2	5
1046340	Drill Core	1.81	0.103	25.3	9	0.59	1301	0.127	7.81	3.129	2.69	0.5	27.6	46	1.1	12.0	3.3	0.2	1	4
1046341	Drill Core	2.47	0.134	48.7	5	0.63	1700	0.120	8.03	0.953	3.43	1.0	45.5	80	1.3	18.2	2.2	0.1	1	6
1046342	Drill Core	2.72	0.110	33.7	7	0.63	1533	0.093	7.83	1.119	3.07	0.8	36.5	59	1.1	12.8	1.9	0.1	1	5
1046343	Drill Core	1.74	0.095	28.4	4	0.61	1253	0.089	8.10	2.816	3.04	0.6	22.1	52	1.1	10.9	2.4	0.2	2	4
1046344	Drill Core	1.70	0.096	26.9	8	0.60	1216	0.084	8.02	2.849	2.98	0.5	22.3	50	0.9	10.3	2.1	0.1	1	4
1046345	Drill Core	1.93	0.091	25.1	6	0.57	732	0.085	7.49	2.718	2.83	0.5	20.6	46	1.0	11.4	2.3	0.1	1	4
1046346	Drill Core	1.83	0.099	41.7	10	0.75	1279	0.110	8.21	3.054	2.78	0.5	21.8	76	0.9	13.2	2.8	0.2	2	4
1046347	Drill Core	1.82	0.098	25.8	8	0.69	1266	0.107	8.23	3.424	2.66	0.4	23.2	47	0.9	12.9	2.8	0.2	1	4
1046348	Rock	37.02	0.002	0.3	<1	1.82	5	<0.001	0.01	0.010	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046349	Drill Core	2.25	0.092	24.1	3	0.63	1123	0.079	8.04	2.648	2.54	0.4	24.6	44	0.9	11.2	2.4	0.2	<1	4
1046350	Drill Core	1.98	0.096	23.5	6	0.61	1362	0.094	8.17	3.295	2.71	0.4	23.6	43	0.7	12.2	2.5	0.2	1	4
1046351	Drill Core	2.58	0.088	26.1	4	0.54	185	0.082	7.80	2.466	3.08	0.6	24.5	49	1.0	12.5	2.5	0.2	2	3
1046352	Drill Core	1.84	0.105	23.0	7	0.64	1086	0.097	8.12	3.003	2.51	0.5	27.1	42	1.1	11.2	3.0	0.2	2	4
1046353	Drill Core	2.16	0.105	21.6	5	0.67	995	0.082	7.96	2.909	2.36	0.4	25.3	40	0.9	10.4	2.6	0.2	<1	4
1046354	Drill Core	2.27	0.096	22.1	7	0.58	961	0.082	7.85	2.236	2.52	0.6	24.7	42	1.0	10.3	2.6	0.2	<1	4



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Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1046325	Rock	<0.1	0.4	<0.1
1046326	Drill Core	1.9	63.8	1.0
1046327	Drill Core	2.0	49.2	0.8
1046328	Drill Core	2.0	53.9	0.8
1046329	Drill Core	2.3	53.7	0.9
1046330	Drill Core	2.4	61.3	0.8
1046331	Drill Core	2.3	48.9	0.9
1046332	Drill Core	1.9	65.1	0.9
1046333	Drill Core	0.3	71.8	1.0
1046334	Drill Core	0.4	72.2	1.8
1046335	Drill Core	0.4	60.1	2.1
1046336	Drill Core	0.3	75.8	1.4
1046337	Rock Pulp	0.3	151.0	0.9
1046338	Drill Core	0.9	74.9	1.7
1046339	Drill Core	0.7	72.7	1.3
1046340	Drill Core	0.4	63.6	1.0
1046341	Drill Core	0.3	68.5	1.4
1046342	Drill Core	0.3	64.4	1.1
1046343	Drill Core	0.6	64.3	0.9
1046344	Drill Core	0.5	60.1	0.8
1046345	Drill Core	1.0	60.7	0.8
1046346	Drill Core	0.8	62.8	0.9
1046347	Drill Core	0.6	60.8	1.0
1046348	Rock	<0.1	<0.1	<0.1
1046349	Drill Core	0.9	59.6	1.0
1046350	Drill Core	0.6	57.1	0.9
1046351	Drill Core	1.4	67.1	0.9
1046352	Drill Core	0.9	54.8	1.0
1046353	Drill Core	0.9	50.3	1.0
1046354	Drill Core	0.9	58.2	0.9



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Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046355	Drill Core	10.17	<0.005	10.3	290.6	9.4	29	0.2	3.5	13.9	189	2.86	2	2.0	<0.1	5.6	437	0.2	0.3	0.1
1046356	Rock Pulp	0.10	0.476	146.6	3920	27.7	74	2.7	42.0	22.7	447	4.80	38	1.4	0.4	3.3	267	0.7	4.5	0.4
1046357	Drill Core	5.05	<0.005	11.9	361.6	10.0	29	0.3	3.7	13.3	167	2.60	2	2.0	<0.1	5.3	409	0.2	0.2	0.1
1046358	Drill Core	7.62	0.006	16.3	591.1	11.7	39	0.2	4.1	22.5	176	2.87	2	2.0	<0.1	5.1	489	0.2	0.2	0.1
1046359	Drill Core	7.40	<0.005	38.6	611.4	12.1	39	0.3	4.6	20.9	156	2.82	2	1.8	<0.1	5.1	513	0.2	0.2	0.1
1046360	Drill Core	8.14	<0.005	18.1	326.4	10.3	34	0.2	9.2	30.7	170	3.71	3	3.0	<0.1	5.6	519	0.3	0.2	0.1
1046361	Drill Core	7.28	0.009	54.1	590.6	8.9	33	0.2	9.1	24.4	178	3.36	4	2.8	<0.1	5.5	589	0.3	0.1	0.1
1046362	Drill Core	7.45	0.006	18.5	556.1	9.5	38	0.3	10.4	20.2	222	3.71	3	2.7	<0.1	4.8	588	0.2	<0.1	0.2
1046363	Drill Core	6.64	<0.005	51.1	440.1	11.3	39	0.2	9.6	17.3	147	3.33	4	2.6	<0.1	5.2	719	0.3	0.2	0.1
1046364	Drill Core	4.13	<0.005	26.8	380.6	10.6	38	0.2	9.2	15.4	149	3.22	3	2.5	<0.1	5.0	717	0.3	0.2	0.1
1046365	Drill Core	7.11	<0.005	9.2	297.2	24.2	105	0.4	9.7	15.7	420	3.53	7	2.8	<0.1	5.2	780	0.8	1.1	0.2
1046366	Drill Core	7.81	0.005	14.9	456.4	8.6	34	0.2	11.4	20.2	190	3.90	3	2.5	<0.1	5.2	684	0.2	0.3	0.2
1046367	Drill Core	7.92	<0.005	13.0	186.8	8.2	31	0.1	11.6	14.7	149	2.65	3	2.4	<0.1	4.9	546	0.2	0.2	0.1
1046368	Drill Core	8.48	<0.005	11.4	225.1	8.4	32	0.2	8.8	14.7	149	3.24	3	1.5	<0.1	3.5	429	0.2	0.4	0.4
1046369	Drill Core	7.52	<0.005	20.1	279.3	11.4	34	0.2	8.0	14.9	182	3.68	3	1.7	<0.1	3.8	465	0.2	0.7	0.3
1046370	Rock	0.64	<0.005	<0.1	0.6	0.2	<1	<0.1	<0.1	<0.2	32	0.02	10	1.1	<0.1	<0.1	4267	<0.1	<0.1	<0.1
1046371	Drill Core	7.56	<0.005	27.2	185.8	12.4	35	0.2	7.3	13.0	161	2.52	3	1.4	<0.1	4.0	445	0.2	0.6	0.2
1046372	Drill Core	7.89	<0.005	19.6	260.3	13.9	40	0.2	7.0	13.9	170	2.16	6	0.9	<0.1	3.1	380	0.2	0.9	0.2
1046373	Drill Core	7.64	0.005	17.3	346.3	10.3	31	0.2	3.9	15.6	146	2.54	3	0.9	<0.1	3.0	335	<0.1	0.3	0.2
1046374	Drill Core	7.01	0.008	15.0	362.0	16.8	57	0.3	14.4	20.7	232	4.25	4	1.6	<0.1	3.0	390	0.3	0.4	0.2
1046375	Drill Core	7.43	0.020	27.8	793.0	6.6	30	0.4	18.1	30.7	174	4.96	4	1.6	<0.1	3.1	567	<0.1	0.2	0.2
1046376	Drill Core	7.84	0.010	11.0	176.6	8.2	30	0.1	16.8	20.2	178	4.01	5	1.6	<0.1	3.1	1959	0.2	0.3	0.1
1046377	Rock Pulp	0.14	0.845	160.9	3501	47.5	127	2.8	25.0	19.2	442	4.64	61	1.0	0.6	2.0	176	0.8	6.8	0.6
1046378	Drill Core	7.25	0.010	9.1	340.8	11.5	40	0.3	16.5	23.6	263	3.53	14	1.4	<0.1	3.0	153	0.1	0.9	0.1
1046379	Drill Core	7.41	0.006	37.3	432.3	10.5	35	0.3	16.2	19.5	252	3.21	25	1.4	<0.1	3.2	129	0.1	1.8	0.1
1046380	Drill Core	7.98	0.010	14.7	467.2	13.5	39	0.4	14.3	21.0	299	3.96	57	1.7	<0.1	3.3	206	0.2	5.0	0.1
1046381	Drill Core	7.63	0.012	14.4	809.3	7.1	36	0.4	17.3	30.6	253	3.91	31	1.3	<0.1	3.6	202	0.2	2.4	0.1
1046382	Drill Core	7.32	0.011	18.6	731.1	6.9	38	0.4	16.4	25.2	202	3.41	18	1.4	<0.1	3.2	708	<0.1	0.7	<0.1
1046383	Drill Core	7.05	0.009	13.1	638.7	30.6	238	0.4	13.3	21.9	270	3.58	69	1.5	<0.1	3.1	466	1.5	9.8	0.2
1046384	Drill Core	7.50	<0.005	24.6	124.5	9.8	30	0.2	3.6	16.4	146	2.21	4	1.1	<0.1	3.5	241	<0.1	0.3	0.2



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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046355	Drill Core	2.42	0.097	22.4	4	0.61	1107	0.079	7.80	2.482	2.50	0.6	25.5	41	0.9	10.9	2.5	0.2	2	4
1046356	Rock Pulp	0.48	0.120	21.1	64	1.08	647	0.334	8.44	1.578	5.61	14.3	30.3	38	2.5	14.4	3.2	0.2	1	18
1046357	Drill Core	2.10	0.091	20.5	3	0.61	719	0.078	7.51	2.842	2.36	0.5	24.0	38	0.9	10.8	2.3	0.2	2	4
1046358	Drill Core	2.50	0.090	23.8	6	0.60	331	0.071	7.48	2.852	2.26	0.6	22.0	44	0.8	11.1	2.1	0.2	1	3
1046359	Drill Core	2.33	0.090	21.3	4	0.62	463	0.075	7.64	3.325	2.32	0.6	23.4	40	0.9	11.0	2.2	0.1	1	4
1046360	Drill Core	3.31	0.133	26.8	11	1.02	180	0.111	7.63	2.577	2.18	0.6	53.8	50	1.1	16.5	2.5	0.2	1	6
1046361	Drill Core	3.11	0.134	29.4	11	1.14	215	0.134	7.67	3.036	1.88	0.7	53.2	52	1.0	15.9	2.2	0.2	1	7
1046362	Drill Core	3.35	0.140	19.3	16	1.25	330	0.145	7.49	2.515	1.99	0.6	54.6	39	1.2	14.8	2.3	0.1	<1	8
1046363	Drill Core	3.10	0.141	27.8	9	0.95	596	0.094	8.08	2.084	2.53	0.5	49.9	52	0.7	13.9	2.0	0.2	2	5
1046364	Drill Core	3.10	0.145	25.5	12	0.94	553	0.090	7.92	2.123	2.48	0.5	49.6	49	0.6	14.2	1.9	0.1	2	5
1046365	Drill Core	3.70	0.141	25.8	10	1.00	1068	0.101	7.80	1.587	2.56	0.6	55.5	49	1.0	13.6	2.1	0.1	2	6
1046366	Drill Core	3.48	0.148	22.4	15	1.08	254	0.116	7.51	2.475	2.12	0.7	55.1	45	1.0	14.8	1.9	0.1	2	7
1046367	Drill Core	3.58	0.140	21.8	10	1.14	175	0.104	7.45	2.137	2.12	0.6	58.1	43	0.9	13.8	1.9	0.1	1	7
1046368	Drill Core	2.55	0.118	13.1	10	1.08	74	0.072	6.27	2.402	1.98	0.4	48.1	26	0.7	9.0	1.3	0.1	2	6
1046369	Drill Core	2.93	0.129	11.2	10	1.06	93	0.097	6.01	2.384	1.76	0.6	48.7	25	0.8	9.9	1.7	0.1	1	6
1046370	Rock	35.83	0.004	0.3	<1	1.65	8	<0.001	0.04	0.005	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1046371	Drill Core	2.56	0.109	13.7	9	0.86	92	0.091	6.59	3.169	1.90	0.6	38.6	30	0.8	9.5	1.9	0.2	2	5
1046372	Drill Core	1.95	0.088	10.2	8	0.58	231	0.093	5.96	3.557	2.10	0.6	21.9	23	0.7	6.9	2.4	0.1	<1	3
1046373	Drill Core	1.84	0.081	9.9	6	0.57	101	0.084	5.94	3.452	1.97	0.8	21.0	22	0.7	6.4	2.0	0.1	1	3
1046374	Drill Core	2.64	0.110	11.0	24	1.22	175	0.159	6.41	2.799	1.29	0.9	52.3	24	0.9	9.0	2.0	0.1	1	9
1046375	Drill Core	2.45	0.110	12.4	24	1.25	72	0.178	6.09	2.876	1.34	0.5	49.3	26	1.0	9.2	2.4	0.2	<1	9
1046376	Drill Core	2.20	0.117	14.1	29	1.29	116	0.162	6.49	2.586	1.53	0.7	52.9	29	0.9	10.0	2.0	0.1	1	9
1046377	Rock Pulp	0.35	0.105	11.8	44	0.79	456	0.237	5.41	1.143	3.13	24.9	21.5	23	2.9	8.5	3.3	0.2	1	10
1046378	Drill Core	3.10	0.121	12.4	31	1.15	254	0.172	6.65	1.336	1.45	1.0	51.6	25	0.9	9.0	1.7	0.1	1	10
1046379	Drill Core	2.66	0.114	12.4	34	1.13	260	0.166	6.44	1.572	1.44	0.5	52.0	26	1.0	8.2	1.4	<0.1	1	9
1046380	Drill Core	7.68	0.097	20.2	17	1.50	266	0.112	6.08	1.474	1.16	0.5	48.2	38	1.1	11.8	1.2	<0.1	1	8
1046381	Drill Core	4.96	0.119	14.9	28	1.22	231	0.176	6.94	1.627	1.22	0.5	50.4	29	1.0	10.7	2.1	0.1	<1	10
1046382	Drill Core	2.95	0.115	12.3	32	1.16	221	0.226	6.79	2.293	1.40	0.5	50.9	26	1.2	8.8	2.6	0.2	1	10
1046383	Drill Core	2.53	0.117	11.8	23	1.01	127	0.144	6.35	1.403	1.89	1.4	51.8	24	1.1	8.6	1.5	0.1	1	8
1046384	Drill Core	1.64	0.078	12.2	7	0.57	156	0.075	6.05	2.872	2.44	0.5	22.5	25	0.6	6.1	1.9	0.1	1	3



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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046355	Drill Core	0.8	56.2	1.0
1046356	Rock Pulp	0.3	138.1	0.9
1046357	Drill Core	0.8	51.5	0.9
1046358	Drill Core	1.2	49.8	0.9
1046359	Drill Core	1.1	50.9	0.9
1046360	Drill Core	1.6	58.1	1.6
1046361	Drill Core	1.5	48.4	1.7
1046362	Drill Core	1.5	50.8	1.5
1046363	Drill Core	1.0	63.5	1.4
1046364	Drill Core	1.2	61.0	1.5
1046365	Drill Core	0.6	79.8	1.6
1046366	Drill Core	1.5	61.9	1.6
1046367	Drill Core	1.8	54.7	1.5
1046368	Drill Core	4.0	42.5	1.5
1046369	Drill Core	4.2	39.8	1.6
1046370	Rock	<0.1	<0.1	<0.1
1046371	Drill Core	3.1	44.9	1.4
1046372	Drill Core	2.5	36.8	0.9
1046373	Drill Core	2.7	37.4	0.8
1046374	Drill Core	3.8	44.8	1.6
1046375	Drill Core	5.1	45.7	1.5
1046376	Drill Core	3.8	44.9	1.6
1046377	Rock Pulp	2.5	76.4	0.7
1046378	Drill Core	2.8	44.4	1.4
1046379	Drill Core	2.4	49.6	1.6
1046380	Drill Core	3.1	46.7	1.3
1046381	Drill Core	3.0	46.0	1.4
1046382	Drill Core	2.5	47.6	1.6
1046383	Drill Core	2.8	52.9	1.7
1046384	Drill Core	1.9	55.3	0.9



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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046385	Rock	0.77	<0.005	0.4	2.0	0.3	<1	<0.1	<0.1	<0.2	33	0.04	8	1.2	<0.1	<0.1	4035	<0.1	<0.1	<0.1



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 07, 2011

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CERTIFICATE OF ANALYSIS

SMI11000634.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046385	Rock	34.98	0.003	0.4	<1	1.53	10	<0.001	0.07	0.011	0.01	<0.1	0.9	<1	<0.1	0.2	0.1	<0.1	<1	<1



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Page: 6 of 6 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000634.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1046385	Rock	<0.1	<0.1	<0.1



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Poplar Drilling

Report Date:

December 07, 2011

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Part 1

QUALITY CONTROL REPORT

SMI11000634.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1046272	Drill Core	7.63	0.020	113.0	1147	10.5	34	0.4	4.2	15.4	165	2.72	7	1.6	<0.1	4.8	558	<0.1	0.2	0.1	42
REP 1046272	QC	0.029																			
1046281	Drill Core	7.27	0.032	86.8	1622	14.0	72	0.5	11.9	25.0	302	3.29	9	2.3	0.2	5.0	390	0.2	0.5	0.2	67
REP 1046281	QC	99.2 1712 9.2 53 0.5 13.4 25.9 313 3.44 9 2.4 <0.1 5.0 422 <0.1 0.4 0.2 69																			
1046323	Drill Core	6.78	0.020	76.7	1497	15.3	57	0.5	6.1	16.5	190	3.14	10	1.8	<0.1	4.7	479	0.3	<0.1	<0.1	49
REP 1046323	QC	51.6 1462 15.0 54 0.6 6.4 17.3 186 3.09 10 1.9 <0.1 4.5 484 0.3 <0.1 <0.1 48																			
1046330	Drill Core	7.00	0.016	163.6	1327	12.9	39	0.6	4.1	32.3	149	2.89	64	2.0	<0.1	4.9	532	0.1	0.7	0.1	39
REP 1046330	QC	0.018																			
1046332	Drill Core	7.14	0.028	213.8	1361	13.3	39	0.6	5.9	30.6	164	2.36	218	1.9	<0.1	4.5	562	0.2	5.0	0.1	31
REP 1046332	QC	0.029																			
1046338	Drill Core	7.53	0.035	79.9	2075	13.0	46	0.7	9.2	33.2	218	3.97	25	3.2	<0.1	5.0	609	0.1	1.2	0.2	71
REP 1046338	QC	0.032																			
REP 1046349	QC	10.5 447.3 9.7 32 0.2 4.3 17.0 163 3.01 4 2.0 <0.1 5.8 431 0.2 0.6 0.1 37																			
1046374	Drill Core	7.01	0.008	15.0	362.0	16.8	57	0.3	14.4	20.7	232	4.25	4	1.6	<0.1	3.0	390	0.3	0.4	0.2	88
REP 1046374	QC	0.006																			
Core Reject Duplicates																					
1046279	Drill Core	7.57	0.076	150.6	3199	10.3	60	1.4	11.9	23.6	336	2.82	96	2.5	<0.1	5.2	692	0.3	0.5	0.2	63
DUP 1046279	QC	0.067 159.7 3331 10.5 61 1.4 12.9 23.7 342 3.03 113 2.7 <0.1 5.6 732 <0.1 0.6 0.2 64																			
1046314	Drill Core	7.11	0.024	43.8	1638	14.6	37	0.7	4.6	16.5	167	2.34	2	1.7	<0.1	4.9	399	0.2	<0.1	<0.1	43
DUP 1046314	QC	0.030 45.5 1598 14.6 38 0.6 4.4 15.9 171 2.31 3 1.6 <0.1 4.7 397 0.2 <0.1 <0.1 43																			
1046349	Drill Core	7.47	<0.005	10.9	439.3	10.0	34	0.2	3.2	16.9	161	3.00	3	2.1	<0.1	5.8	388	0.1	0.6	0.2	36
DUP 1046349	QC	<0.005 9.9 443.3 8.8 32 0.3 3.0 16.9 160 3.00 4 2.0 <0.1 5.7 428 0.2 0.6 0.1 37																			
1046384	Drill Core	7.50	<0.005	24.6	124.5	9.8	30	0.2	3.6	16.4	146	2.21	4	1.1	<0.1	3.5	241	<0.1	0.3	0.2	38
DUP 1046384	QC	<0.005 24.4 129.2 9.1 27 0.2 3.6 16.8 143 2.29 5 1.0 <0.1 3.1 234 <0.1 0.2 0.2 37																			
Reference Materials																					
STD OREAS24P	Standard	1.6 57.9 3.0 131 <0.1 144.6 47.4 1150 7.42 5 0.7 <0.1 2.9 398 0.2 0.2 <0.1 163																			
STD OREAS24P	Standard	1.6 52.2 2.9 106 <0.1 140.3 42.7 1069 7.22 3 0.7 <0.1 3.0 394 0.1 <0.1 <0.1 167																			
STD OREAS24P	Standard	1.5 51.6 2.9 120 <0.1 139.8 43.6 1102 7.43 3 0.7 <0.1 3.0 385 0.1 <0.1 <0.1 170																			



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QUALITY CONTROL REPORT

SMI11000634.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
1046272	Drill Core	2.04	0.087	16.5	9	0.58	87	0.081	7.06	2.691	2.57	0.4	16.8	34	1.0	8.6	2.0	0.2	<1	4	25.5
REP 1046272	QC																				
1046281	Drill Core	2.08	0.102	18.8	14	1.07	90	0.096	6.98	2.567	1.98	0.3	47.5	39	1.0	9.3	1.7	0.1	1	7	18.9
REP 1046281	QC	2.18	0.107	18.3	14	1.13	90	0.100	6.95	2.579	2.08	0.3	52.3	38	1.0	9.7	1.9	0.1	2	7	18.3
1046323	Drill Core	2.05	0.089	21.0	8	0.57	78	0.083	7.28	2.599	2.81	0.3	25.7	43	0.9	9.4	2.0	0.1	1	5	19.1
REP 1046323	QC	1.99	0.079	20.0	8	0.55	75	0.082	7.17	2.571	2.71	0.4	25.6	40	1.0	9.5	2.2	0.1	1	5	18.3
1046330	Drill Core	1.84	0.093	20.9	8	0.48	96	0.077	7.41	2.537	2.82	0.4	22.5	42	1.0	9.8	2.1	0.1	2	4	19.9
REP 1046330	QC																				
1046332	Drill Core	1.80	0.089	25.7	7	0.50	73	0.064	6.90	1.809	3.48	0.6	19.5	49	0.8	9.0	1.7	0.1	1	3	29.0
REP 1046332	QC																				
1046338	Drill Core	2.68	0.136	21.9	17	0.84	580	0.176	7.77	1.699	3.58	0.5	59.3	42	1.6	15.7	3.1	0.2	1	7	23.6
REP 1046338	QC																				
REP 1046349	QC	2.19	0.097	23.4	<1	0.65	992	0.080	7.70	2.577	2.60	0.4	24.6	43	0.9	11.0	2.3	0.1	2	3	10.3
1046374	Drill Core	2.64	0.110	11.0	24	1.22	175	0.159	6.41	2.799	1.29	0.9	52.3	24	0.9	9.0	2.0	0.1	1	9	15.3
REP 1046374	QC																				
Core Reject Duplicates																					
1046279	Drill Core	1.95	0.093	22.0	14	1.07	120	0.077	6.93	1.621	2.47	0.5	53.5	45	1.1	8.5	1.3	<0.1	1	7	34.5
DUP 1046279	QC	2.02	0.097	23.8	14	1.13	119	0.077	7.05	1.684	2.59	0.4	56.8	47	1.2	9.0	1.3	<0.1	1	7	35.0
1046314	Drill Core	2.29	0.090	18.2	4	0.62	102	0.088	7.49	2.807	3.04	0.4	21.7	37	0.9	9.8	2.1	0.1	1	4	11.4
DUP 1046314	QC	2.29	0.087	18.7	5	0.61	139	0.087	7.27	2.767	3.00	0.3	21.7	38	0.8	9.4	2.2	0.1	1	4	11.0
1046349	Drill Core	2.25	0.092	24.1	3	0.63	1123	0.079	8.04	2.648	2.54	0.4	24.6	44	0.9	11.2	2.4	0.2	<1	4	9.4
DUP 1046349	QC	2.22	0.094	23.2	3	0.64	1113	0.077	7.87	2.620	2.57	0.4	24.0	43	0.9	11.0	2.2	0.1	2	4	9.5
1046384	Drill Core	1.64	0.078	12.2	7	0.57	156	0.075	6.05	2.872	2.44	0.5	22.5	25	0.6	6.1	1.9	0.1	1	3	10.0
DUP 1046384	QC	1.66	0.078	9.5	7	0.57	150	0.078	5.78	2.899	2.46	0.5	22.2	21	0.5	5.5	1.9	0.1	1	3	10.0
Reference Materials																					
STD OREAS24P	Standard	6.08	0.141	19.9	193	4.16	284	1.162	7.87	2.517	0.69	0.5	137.9	39	1.8	26.0	21.1	1.1	1	21	8.8
STD OREAS24P	Standard	5.48	0.129	18.0	194	4.10	280	1.052	7.44	2.346	0.64	0.5	129.4	36	1.7	20.3	17.9	1.1	1	20	7.7
STD OREAS24P	Standard	5.69	0.134	17.9	200	4.20	271	1.072	7.53	2.435	0.66	0.4	132.2	35	1.4	21.5	18.7	1.1	1	20	8.4



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Project: Poplar Drilling

Report Date: December 07, 2011

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QUALITY CONTROL REPORT

SMI11000634.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046272	Drill Core	2.0	55.4	0.7
REP 1046272	QC			
1046281	Drill Core	2.5	43.5	1.4
REP 1046281	QC	2.6	45.8	1.4
1046323	Drill Core	2.4	57.6	0.9
REP 1046323	QC	2.3	57.4	1.0
1046330	Drill Core	2.4	61.3	0.8
REP 1046330	QC			
1046332	Drill Core	1.9	65.1	0.9
REP 1046332	QC			
1046338	Drill Core	0.9	74.9	1.7
REP 1046338	QC			
REP 1046349	QC	0.9	58.3	1.0
1046374	Drill Core	3.8	44.8	1.6
REP 1046374	QC			
Core Reject Duplicates				
1046279	Drill Core	1.8	50.5	1.7
DUP 1046279	QC	1.9	54.4	1.7
1046314	Drill Core	2.1	71.1	0.8
DUP 1046314	QC	2.1	68.8	0.8
1046349	Drill Core	0.9	59.6	1.0
DUP 1046349	QC	0.9	59.4	1.0
1046384	Drill Core	1.9	55.3	0.9
DUP 1046384	QC	2.0	47.5	0.8
Reference Materials				
STD OREAS24P	Standard	<0.1	21.8	3.3
STD OREAS24P	Standard	<0.1	20.0	3.4
STD OREAS24P	Standard	<0.1	21.8	3.2



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QUALITY CONTROL REPORT

SMI11000634.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.1	50.3	3.2	121	0.2	137.3	45.1	1077	7.09	3	0.7	<0.1	2.8	372	0.1	<0.1	<0.1
STD OREAS45C	Standard			2.6	646.9	27.6	105	0.3	362.2	108.6	1229	18.08	11	2.6	<0.1	11.6	45	0.2	1.0	0.2
STD OREAS45C	Standard			1.8	620.5	25.4	80	0.3	350.9	101.1	1150	17.58	11	2.3	<0.1	11.1	38	0.3	0.7	0.2
STD OREAS45C	Standard			2.3	633.2	25.1	82	0.3	342.8	99.8	1159	18.10	11	2.4	<0.1	11.3	40	0.1	0.8	0.2
STD OREAS45C	Standard			1.8	599.9	24.8	85	0.5	320.0	99.4	1125	17.63	12	2.0	<0.1	9.5	34	0.2	0.7	0.2
STD OXH82	Standard		1.311																	
STD OXH82	Standard		1.334																	
STD OXH82	Standard		1.292																	
STD OXH82	Standard		1.276																	
STD OXH82	Standard		1.210																	
STD OXH82	Standard		1.262																	
STD OXH82	Standard		1.339																	
STD OXK79	Standard		3.700																	
STD OXK79	Standard		3.745																	
STD OXK79	Standard		3.683																	
STD OXK79	Standard		3.654																	
STD OXK79	Standard		3.789																	
STD OXK79	Standard		3.576																	
STD OXK79	Standard		3.873																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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QUALITY CONTROL REPORT

SMI11000634.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.60	0.125	18.4	212	3.92	290	1.064	7.56	2.305	0.69	0.4	133.2	37	1.8	21.6	19.3	1.1	1	20	7.5
STD OREAS45C	Standard	0.52	0.055	29.3	889	0.29	304	1.111	7.95	0.115	0.36	1.2	180.4	57	3.3	16.3	24.2	1.5	<1	64	18.2
STD OREAS45C	Standard	0.50	0.050	26.3	923	0.27	274	1.183	7.23	0.104	0.33	1.0	159.8	52	2.7	11.6	20.1	1.3	<1	62	15.6
STD OREAS45C	Standard	0.49	0.053	27.2	879	0.28	270	1.154	7.11	0.107	0.36	1.1	160.6	51	2.7	12.5	21.8	1.4	1	61	15.8
STD OREAS45C	Standard	0.44	0.049	24.9	993	0.23	272	1.136	6.80	0.097	0.35	1.0	154.2	49	2.7	11.2	20.8	1.3	<1	58	15.5
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
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QUALITY CONTROL REPORT

SMI11000634.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	22.6	3.8
STD OREAS45C	Standard	<0.1	25.1	4.8
STD OREAS45C	Standard	<0.1	23.4	4.2
STD OREAS45C	Standard	<0.1	23.8	4.2
STD OREAS45C	Standard	<0.1	18.4	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 07, 2011

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QUALITY CONTROL REPORT

SMI11000634.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	1.0	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.3	11.4	18.3	50	<0.1	17.6	4.6	711	2.32	2	3.2	<0.1	9.4	732	0.1	<0.1	0.3
G1	Prep Blank		<0.005	0.2	5.6	19.2	48	<0.1	6.5	4.4	724	2.25	1	2.5	<0.1	7.8	729	0.2	<0.1	0.2



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Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000634.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.42	0.078	22.7	7	0.59	1000	0.247	7.45	2.642	2.99	<0.1	9.6	48	1.5	13.0	22.0	1.3	3	5	34.6
G1	Prep Blank	2.38	0.075	22.8	4	0.56	1059	0.244	7.48	2.713	2.88	0.1	10.4	51	1.6	13.5	23.4	1.3	3	5	31.1



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Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000634.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	103.9	0.5
G1	Prep Blank	<0.1	102.1	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 19, 2011
Report Date: December 06, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000635.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_102
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124650	Drill Core	5.54	0.031	28.4	3628	69.0	122	0.8	15.0	26.3	260	3.37	4	1.2	<0.1	4.3	152	0.8	3.7	0.2
124651	Drill Core	6.21	0.044	43.7	2610	138.8	378	4.9	11.8	27.1	621	3.40	12	1.4	<0.1	4.1	196	2.8	63.2	0.2
124652	Drill Core	7.02	0.052	20.7	1699	8.6	31	0.4	21.5	23.8	320	2.97	2	1.2	<0.1	3.3	200	<0.1	0.9	0.2
124653	Drill Core	6.45	0.055	29.0	1731	18.4	152	0.9	19.2	25.9	458	4.21	2	1.1	<0.1	3.8	269	0.7	1.2	1.1
124654	Rock	0.66	<0.005	0.3	17.4	<0.1	<1	<0.1	<0.1	0.5	26	0.12	13	1.3	<0.1	<0.1	4213	<0.1	<0.1	<0.1
124655	Drill Core	6.74	0.041	45.7	1659	8.4	39	0.6	20.5	27.2	416	3.78	<1	1.0	<0.1	3.3	150	<0.1	0.7	0.4
124656	Drill Core	6.82	0.025	99.6	949.4	14.4	57	0.6	15.3	15.5	394	2.75	3	1.1	<0.1	4.2	381	0.3	1.5	0.4
124657	Drill Core	6.02	0.027	13.7	1134	10.0	30	0.2	16.9	20.5	299	2.93	3	1.2	<0.1	4.1	252	<0.1	1.4	0.2
124658	Drill Core	6.37	0.018	20.0	909.3	14.6	44	0.2	16.0	20.3	349	3.06	3	0.9	<0.1	3.5	237	0.1	2.1	0.1
124659	Drill Core	6.28	0.024	23.3	1081	16.6	51	0.4	18.9	23.3	688	3.31	4	0.9	<0.1	3.4	272	0.2	2.9	0.1
124660	Drill Core	3.30	0.024	13.9	1120	16.0	49	0.3	18.8	21.8	756	3.16	4	1.0	<0.1	3.5	269	0.2	2.8	0.1
124661	Drill Core	6.99	0.031	23.8	1017	117.9	547	9.0	20.1	19.9	2858	3.03	28	1.1	<0.1	3.2	473	4.2	86.0	0.1
124662	Drill Core	6.70	0.016	31.4	877.8	23.9	65	0.5	57.4	20.9	836	2.96	5	1.0	<0.1	4.3	254	0.2	4.2	0.1
124663	Drill Core	6.51	0.019	34.2	1030	250.5	801	8.7	76.9	27.8	950	3.98	37	1.4	0.6	5.9	238	7.5	114.3	0.2
124664	Drill Core	6.88	0.027	31.9	1166	205.6	913	6.5	71.9	26.0	2347	3.97	38	1.3	<0.1	6.1	216	6.2	97.1	0.2
124665	Rock Pulp	0.10	0.433	143.3	3839	28.5	65	2.7	38.0	20.8	402	4.56	42	1.3	0.4	2.6	231	0.4	4.9	0.4
124666	Drill Core	6.40	0.030	37.3	806.3	37.9	104	0.7	68.5	25.3	711	5.27	5	1.3	<0.1	5.4	168	0.6	3.2	0.5
124667	Drill Core	7.12	0.034	63.3	1242	40.4	113	1.1	76.4	30.1	706	3.83	10	1.3	<0.1	5.9	189	0.8	8.0	0.4
124668	Drill Core	7.14	0.044	70.7	1236	88.5	239	4.0	76.3	27.1	943	3.79	24	1.6	<0.1	6.3	258	1.9	18.7	0.3
124669	Drill Core	6.77	0.041	45.9	1319	117.0	410	3.2	71.9	27.4	781	3.55	38	1.2	<0.1	5.1	276	2.8	24.9	0.4
124670	Rock	0.71	<0.005	0.2	6.1	0.7	<1	<0.1	1.2	0.5	27	0.11	14	1.4	<0.1	<0.1	4739	<0.1	0.3	<0.1
124671	Drill Core	6.50	0.024	38.5	936.9	209.0	752	11.4	42.4	24.1	2079	3.88	25	2.0	<0.1	6.3	292	5.5	73.4	0.5
124672	Drill Core	6.55	0.017	13.2	476.8	168.2	512	2.8	9.8	16.0	1507	3.48	7	1.2	<0.1	4.8	231	3.1	17.6	0.2
124673	Drill Core	3.13	0.015	15.9	481.7	151.8	450	2.3	10.1	16.7	1564	3.66	5	1.2	<0.1	5.1	245	2.6	14.0	0.2
124674	Drill Core	6.48	0.011	14.0	441.8	77.7	215	1.5	14.1	17.7	909	3.50	7	1.3	<0.1	5.0	262	1.4	11.5	0.4
124675	Drill Core	6.46	0.006	40.3	208.9	17.6	52	0.9	13.2	24.8	282	5.39	1	1.2	<0.1	4.7	252	0.4	1.4	0.9
124676	Drill Core	6.50	0.009	25.2	465.8	8.0	23	0.2	11.4	21.9	268	3.03	1	1.5	<0.1	5.2	299	<0.1	1.6	0.2
124677	Drill Core	5.43	0.013	14.8	535.2	7.1	23	0.1	9.4	19.6	196	2.83	1	1.4	<0.1	5.1	370	0.1	1.7	0.2
124678	Drill Core	6.53	0.018	23.0	718.1	90.7	219	1.7	11.5	23.6	504	3.98	2	1.4	<0.1	4.9	229	1.6	2.9	0.6
124679	Drill Core	6.21	0.010	61.4	300.5	41.7	206	0.7	10.6	17.6	535	2.97	4	1.2	<0.1	4.9	225	1.3	2.6	0.5



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124650	Drill Core	0.42	0.130	10.9	8	0.48	139	0.043	6.23	0.286	1.92	0.4	16.9	25	1.3	8.4	0.9	<0.1	1	5
124651	Drill Core	1.65	0.138	14.1	8	0.93	100	0.072	6.48	0.135	1.53	0.6	24.3	31	1.6	8.2	1.6	0.1	2	5
124652	Drill Core	2.17	0.125	11.8	26	0.86	333	0.059	6.37	0.320	1.45	0.4	29.2	24	1.0	6.8	0.7	<0.1	1	8
124653	Drill Core	1.94	0.113	13.6	15	0.96	190	0.068	6.40	0.376	2.22	0.7	24.8	27	1.8	5.9	1.1	<0.1	1	7
124654	Rock	35.02	0.005	0.4	<1	1.59	10	0.002	0.09	0.004	0.02	<0.1	0.4	<1	<0.1	0.3	0.1	<0.1	<1	<1
124655	Drill Core	1.99	0.099	11.0	14	0.91	137	0.057	6.28	0.394	1.63	0.5	25.7	24	1.4	6.4	1.0	<0.1	1	6
124656	Drill Core	2.04	0.114	12.7	17	1.10	360	0.058	6.74	0.284	1.84	0.5	29.5	26	1.2	6.1	0.7	<0.1	1	7
124657	Drill Core	2.22	0.120	14.1	18	0.92	269	0.063	6.65	1.079	1.55	0.5	28.5	31	1.1	7.0	0.9	<0.1	<1	6
124658	Drill Core	2.18	0.113	8.6	21	0.96	254	0.072	6.66	1.165	1.52	0.5	26.0	19	0.8	6.5	0.9	<0.1	1	7
124659	Drill Core	2.59	0.123	11.4	18	1.12	244	0.076	6.40	0.734	1.61	0.4	28.2	24	0.9	6.6	0.8	<0.1	1	7
124660	Drill Core	2.89	0.115	11.5	18	1.11	250	0.074	6.54	0.705	1.59	0.4	27.4	25	0.8	6.8	0.9	<0.1	1	6
124661	Drill Core	2.22	0.111	11.2	19	0.94	314	0.070	6.50	0.328	1.89	0.5	25.3	23	0.8	6.1	0.8	<0.1	1	7
124662	Drill Core	2.27	0.079	12.2	69	1.20	390	0.073	7.55	0.221	2.56	0.5	18.8	27	1.0	5.6	0.7	<0.1	2	13
124663	Drill Core	1.00	0.080	19.5	80	0.89	110	0.076	6.90	0.122	2.44	0.9	23.8	41	1.8	5.2	0.9	<0.1	2	12
124664	Drill Core	1.13	0.078	18.0	73	0.95	141	0.074	7.03	0.173	2.44	0.5	22.9	38	1.4	5.2	0.8	<0.1	2	12
124665	Rock Pulp	0.35	0.115	14.2	62	1.02	522	0.286	6.14	1.477	2.40	15.0	30.8	28	2.5	9.3	2.8	0.2	1	13
124666	Drill Core	1.03	0.081	14.6	69	0.92	49	0.082	6.48	0.140	2.72	0.8	21.2	33	2.8	5.5	0.9	<0.1	1	12
124667	Drill Core	1.25	0.084	18.2	76	1.05	118	0.077	7.22	0.149	2.59	0.8	21.7	40	2.1	5.6	0.9	<0.1	2	13
124668	Drill Core	1.27	0.082	19.5	77	1.09	146	0.081	7.60	0.228	2.67	0.6	21.4	42	1.4	5.8	0.7	<0.1	2	14
124669	Drill Core	1.68	0.081	17.2	68	1.02	85	0.070	7.43	0.102	2.47	0.8	18.7	38	1.4	6.5	0.8	<0.1	1	13
124670	Rock	36.76	0.004	0.3	<1	1.73	13	0.001	0.06	0.001	0.02	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
124671	Drill Core	1.62	0.113	20.7	42	1.10	453	0.080	8.06	0.126	2.90	1.0	27.6	43	1.4	8.0	1.1	<0.1	1	11
124672	Drill Core	2.20	0.108	12.5	7	1.00	121	0.049	6.48	0.206	2.65	0.7	27.9	27	0.8	6.4	0.9	<0.1	1	5
124673	Drill Core	2.39	0.122	13.2	7	1.04	144	0.053	6.93	0.207	2.67	0.8	28.7	29	0.8	6.6	0.9	<0.1	1	6
124674	Drill Core	2.34	0.146	12.5	9	1.00	140	0.059	7.13	0.258	2.64	0.9	35.3	26	0.9	7.5	1.2	<0.1	1	7
124675	Drill Core	2.05	0.104	10.9	6	0.62	119	0.057	6.22	0.244	2.56	2.7	32.3	24	2.0	6.5	1.0	<0.1	1	5
124676	Drill Core	2.41	0.118	13.3	7	0.85	106	0.059	6.81	0.829	2.23	1.7	39.2	29	1.3	7.1	1.0	<0.1	1	6
124677	Drill Core	2.40	0.119	12.4	7	0.86	105	0.059	6.61	1.238	1.96	1.5	39.1	26	1.1	6.5	1.0	<0.1	1	6
124678	Drill Core	2.75	0.113	12.5	7	0.74	94	0.057	6.58	0.244	2.36	2.6	39.7	27	2.3	6.6	1.1	<0.1	1	6
124679	Drill Core	2.15	0.097	10.9	4	0.76	105	0.047	6.45	0.282	2.41	2.8	40.0	24	2.1	5.9	0.8	<0.1	1	5



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124650	Drill Core	2.7	46.1	0.5
124651	Drill Core	2.7	29.0	0.8
124652	Drill Core	2.6	30.8	0.8
124653	Drill Core	3.9	55.4	0.7
124654	Rock	<0.1	0.5	<0.1
124655	Drill Core	3.6	38.2	0.8
124656	Drill Core	2.5	46.3	0.9
124657	Drill Core	2.7	36.5	0.9
124658	Drill Core	2.6	39.8	0.8
124659	Drill Core	3.1	33.6	0.9
124660	Drill Core	2.9	34.6	0.9
124661	Drill Core	2.8	54.4	0.7
124662	Drill Core	2.5	41.0	0.6
124663	Drill Core	4.0	53.6	0.7
124664	Drill Core	3.8	54.2	0.6
124665	Rock Pulp	2.0	62.9	0.8
124666	Drill Core	5.6	54.7	0.7
124667	Drill Core	3.8	50.7	0.6
124668	Drill Core	3.4	51.1	0.6
124669	Drill Core	3.8	44.6	0.6
124670	Rock	<0.1	0.5	<0.1
124671	Drill Core	3.6	78.9	1.3
124672	Drill Core	3.7	62.7	0.9
124673	Drill Core	4.1	52.9	1.0
124674	Drill Core	3.6	56.6	1.1
124675	Drill Core	6.5	47.5	1.1
124676	Drill Core	3.5	38.2	1.2
124677	Drill Core	3.4	34.6	1.2
124678	Drill Core	4.5	42.7	1.3
124679	Drill Core	3.5	48.7	1.3



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124680	Drill Core	6.78	0.019	23.6	652.0	38.9	116	0.7	12.5	20.0	1532	3.27	5	1.5	<0.1	5.0	246	0.5	3.7	0.2
124681	Drill Core	4.58	0.019	15.3	720.0	15.1	51	0.4	17.8	21.0	1166	3.37	21	1.5	<0.1	4.0	344	0.3	1.9	0.2
124682	Drill Core	6.89	0.022	56.6	665.9	10.9	32	0.3	22.0	34.0	626	4.75	27	1.3	<0.1	3.3	426	0.1	1.4	0.2
124683	Drill Core	7.22	0.018	17.0	726.6	11.5	39	0.2	20.7	27.1	356	4.00	6	1.4	<0.1	4.3	359	0.2	2.3	0.2
124684	Drill Core	7.19	0.017	70.0	820.9	81.0	312	1.9	20.7	28.2	613	4.20	8	1.6	<0.1	4.3	297	2.3	7.4	0.5
124685	Drill Core	7.64	0.018	55.1	985.5	15.2	50	0.3	19.8	25.7	275	3.72	3	1.5	<0.1	4.2	376	0.4	1.0	0.3
124686	Rock Pulp	0.10	0.469	139.7	3790	29.9	75	3.1	39.5	22.2	428	4.70	40	1.3	0.3	2.9	245	0.6	4.5	0.6
124687	Drill Core	6.80	0.031	18.9	797.6	60.0	184	1.7	19.5	31.2	1011	4.11	4	1.3	<0.1	3.7	234	1.1	6.8	0.2
124688	Drill Core	6.68	0.020	23.9	765.8	12.8	50	0.5	19.6	24.5	668	3.78	3	1.3	<0.1	3.8	354	0.2	1.2	0.3
124689	Drill Core	7.29	0.028	30.3	937.9	165.8	435	5.0	24.0	33.7	454	4.54	30	1.2	<0.1	4.0	433	3.2	42.8	0.2
124690	Drill Core	7.26	0.037	34.2	1369	71.5	336	1.6	31.8	43.9	725	5.89	6	1.2	<0.1	3.6	228	2.4	9.3	0.1
124691	Drill Core	6.57	0.017	31.2	741.0	10.9	31	0.3	19.5	28.9	465	4.17	4	1.3	<0.1	3.8	265	0.2	0.6	<0.1
124692	Rock	0.58	<0.005	0.3	5.9	0.4	1	<0.1	4.6	1.4	44	0.37	22	1.4	<0.1	<0.1	4213	<0.1	<0.1	<0.1
124693	Drill Core	6.75	0.017	24.2	797.9	19.6	61	0.9	17.9	21.5	695	3.89	2	1.4	<0.1	3.9	359	0.3	1.0	0.6
124694	Drill Core	7.54	0.013	63.8	592.2	15.5	55	0.4	16.2	24.4	251	3.68	3	1.4	<0.1	3.7	432	0.3	0.6	0.1
124695	Drill Core	3.49	0.012	48.0	705.7	14.1	39	0.4	17.6	25.4	228	3.38	4	1.3	<0.1	3.9	490	0.3	0.6	0.1
124696	Drill Core	6.60	0.017	37.4	863.5	14.4	48	0.5	19.8	31.8	411	3.61	3	1.6	<0.1	3.8	380	0.3	1.2	0.2
124697	Drill Core	1.79	0.018	32.7	954.7	35.4	85	1.5	34.4	34.7	550	3.68	9	1.7	0.9	4.0	221	0.5	4.2	0.1
124698	Drill Core	7.15	0.017	40.1	701.8	54.1	143	1.1	51.8	26.3	1023	3.60	17	1.4	<0.1	5.5	225	0.7	8.0	0.5
124699	Drill Core	6.91	0.007	56.9	441.9	78.5	346	0.8	62.1	27.4	585	3.11	7	1.7	<0.1	6.7	303	2.2	2.8	0.3
124700	Drill Core	7.11	0.012	47.8	734.9	10.5	51	0.6	63.0	30.1	523	3.34	8	1.5	<0.1	5.9	194	0.2	0.9	0.6
124701	Drill Core	2.20	0.012	39.3	735.9	10.5	55	0.5	61.0	20.7	406	2.66	7	1.5	<0.1	6.3	162	0.3	0.6	0.3
124702	Drill Core	6.56	0.010	65.8	627.9	10.5	46	0.3	54.1	17.4	358	2.36	9	1.4	<0.1	6.4	202	0.2	0.7	<0.1
124703	Drill Core	7.31	0.013	51.9	771.8	27.7	89	0.7	63.8	23.1	702	2.58	11	1.5	<0.1	6.5	202	0.6	4.5	0.1
124704	Rock Pulp	0.10	0.969	160.8	3668	62.2	151	5.9	30.0	22.6	566	5.25	72	1.4	2.8	2.6	241	1.4	9.0	0.8
124705	Drill Core	6.38	0.026	35.0	707.7	885.7	1861	14.5	67.1	26.4	4187	3.30	62	1.5	<0.1	5.0	230	11.4	72.1	0.2
124706	Drill Core	7.39	0.019	23.1	981.9	87.1	233	1.6	74.9	30.9	1399	4.00	22	1.2	<0.1	5.5	136	1.1	21.7	<0.1
124707	Drill Core	7.93	0.017	67.2	892.7	69.3	151	1.4	50.9	27.4	926	3.10	8	1.1	<0.1	4.8	225	0.9	7.2	0.4
124708	Drill Core	3.91	0.008	84.8	532.1	47.4	130	1.0	40.4	23.5	1350	2.90	10	1.0	<0.1	5.0	146	0.9	8.9	<0.1
124709	Rock	0.48	<0.005	0.4	3.7	0.8	1	<0.1	3.2	1.5	38	0.36	20	1.4	<0.1	<0.1	4027	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124680	Drill Core	2.47	0.134	12.8	9	1.09	271	0.058	6.91	0.537	1.95	0.8	46.8	27	0.8	6.8	1.1	<0.1	1	7
124681	Drill Core	2.53	0.142	22.6	13	1.22	282	0.053	7.04	0.411	1.94	0.5	31.4	47	0.9	6.9	0.5	<0.1	1	7
124682	Drill Core	2.97	0.154	14.8	19	1.33	298	0.034	7.61	0.488	1.90	0.3	22.8	30	0.8	7.2	0.3	<0.1	2	9
124683	Drill Core	2.65	0.113	15.8	15	0.89	75	0.061	7.39	0.730	2.11	0.4	31.3	32	1.1	7.3	0.6	<0.1	2	7
124684	Drill Core	2.35	0.121	20.8	12	0.83	126	0.080	7.17	0.366	2.67	0.9	29.3	39	1.9	8.7	1.4	<0.1	<1	6
124685	Drill Core	2.44	0.115	17.9	14	0.92	68	0.071	7.49	0.754	2.30	0.6	28.5	38	1.1	8.2	0.8	<0.1	2	7
124686	Rock Pulp	0.44	0.115	17.8	65	1.06	156	0.320	7.71	1.541	3.24	12.8	28.4	34	2.6	14.0	2.9	0.2	1	17
124687	Drill Core	1.75	0.116	12.8	10	1.17	54	0.083	7.55	0.204	2.97	0.6	30.5	29	1.3	8.4	1.2	<0.1	1	7
124688	Drill Core	1.81	0.122	14.9	14	1.25	51	0.080	8.07	0.478	2.96	0.7	28.5	34	1.1	8.9	0.7	<0.1	2	8
124689	Drill Core	2.29	0.117	16.2	12	0.95	88	0.083	7.08	0.840	2.25	0.5	28.2	34	1.0	10.0	1.1	<0.1	1	7
124690	Drill Core	2.17	0.119	13.1	11	1.02	59	0.064	6.95	0.221	2.15	0.3	26.3	28	1.0	10.9	0.6	<0.1	<1	7
124691	Drill Core	2.12	0.109	15.9	13	1.24	129	0.084	7.13	0.130	2.45	0.6	26.1	33	0.9	9.5	1.1	<0.1	1	7
124692	Rock	35.43	0.004	0.4	<1	1.72	9	<0.001	0.09	0.006	0.01	<0.1	0.5	<1	0.1	0.4	<0.1	<0.1	<1	<1
124693	Drill Core	2.41	0.108	14.2	8	1.09	151	0.073	7.19	0.241	2.94	1.0	27.6	30	1.1	8.6	0.8	<0.1	2	7
124694	Drill Core	3.26	0.097	16.2	14	0.85	137	0.069	6.62	0.643	2.41	0.8	32.4	34	1.4	11.4	0.8	<0.1	1	6
124695	Drill Core	3.43	0.093	16.4	11	0.85	125	0.067	6.77	0.601	2.38	0.7	30.9	34	1.6	12.3	0.8	<0.1	1	6
124696	Drill Core	2.85	0.115	12.7	9	0.93	62	0.067	7.26	0.344	2.52	0.7	38.8	27	1.6	8.2	0.8	<0.1	1	6
124697	Drill Core	1.77	0.115	10.1	15	0.98	42	0.085	8.27	0.198	2.90	0.8	45.3	24	1.8	9.2	0.8	<0.1	1	9
124698	Drill Core	1.54	0.059	23.2	75	0.91	40	0.076	7.54	0.226	2.76	1.4	26.1	49	1.7	8.2	0.8	<0.1	1	13
124699	Drill Core	1.25	0.080	28.1	70	0.88	48	0.088	8.09	0.174	2.89	1.3	27.0	52	2.0	8.8	0.9	<0.1	1	14
124700	Drill Core	1.53	0.079	18.9	68	1.20	80	0.065	8.16	0.150	2.78	0.9	29.9	40	0.9	8.3	0.8	<0.1	2	12
124701	Drill Core	1.62	0.069	22.0	69	1.25	69	0.066	8.24	0.134	2.95	0.6	30.5	45	0.8	9.1	0.6	<0.1	2	13
124702	Drill Core	1.78	0.070	21.6	76	1.30	114	0.071	8.16	0.126	2.75	0.5	26.4	45	0.8	9.7	0.8	<0.1	1	15
124703	Drill Core	1.90	0.075	20.4	70	1.31	98	0.071	8.76	0.128	2.80	0.7	29.4	42	0.8	9.6	0.7	<0.1	2	15
124704	Rock Pulp	0.50	0.125	13.7	51	0.90	50	0.310	9.52	1.401	4.13	35.1	25.2	29	3.8	14.1	3.7	0.2	1	16
124705	Drill Core	0.62	0.072	15.9	60	0.81	59	0.066	7.05	0.114	3.45	0.7	30.7	36	1.0	8.3	0.8	<0.1	1	11
124706	Drill Core	1.84	0.081	18.5	74	1.33	62	0.132	8.76	0.087	2.88	0.5	20.8	41	1.1	11.4	1.0	<0.1	2	18
124707	Drill Core	1.38	0.072	20.6	67	0.89	52	0.049	6.94	0.132	2.71	0.5	18.3	42	0.9	8.8	0.7	<0.1	1	11
124708	Drill Core	2.07	0.077	19.8	42	1.11	106	0.063	7.07	0.112	2.45	0.4	15.5	41	0.7	10.3	0.8	<0.1	1	9
124709	Rock	35.24	0.004	0.7	<1	1.69	14	0.002	0.09	0.003	0.02	<0.1	0.4	<1	0.1	0.4	0.1	<0.1	<1	<1



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Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124680	Drill Core	3.2	43.9	1.2
124681	Drill Core	3.0	33.7	1.0
124682	Drill Core	4.7	41.4	0.7
124683	Drill Core	4.7	51.9	1.0
124684	Drill Core	4.9	65.9	1.0
124685	Drill Core	4.4	53.6	0.9
124686	Rock Pulp	2.0	76.0	0.8
124687	Drill Core	3.7	70.0	0.9
124688	Drill Core	3.5	68.7	0.8
124689	Drill Core	5.0	57.2	0.8
124690	Drill Core	6.2	55.8	0.7
124691	Drill Core	4.0	51.2	0.8
124692	Rock	<0.1	0.4	<0.1
124693	Drill Core	4.1	65.9	0.9
124694	Drill Core	5.2	51.9	0.9
124695	Drill Core	5.0	51.6	0.9
124696	Drill Core	4.4	51.5	1.2
124697	Drill Core	3.7	74.8	1.4
124698	Drill Core	3.0	72.7	0.8
124699	Drill Core	2.7	67.3	0.9
124700	Drill Core	2.3	61.8	0.9
124701	Drill Core	1.9	72.6	0.8
124702	Drill Core	1.6	59.7	0.7
124703	Drill Core	1.8	62.5	1.0
124704	Rock Pulp	2.7	95.6	0.8
124705	Drill Core	2.1	92.6	0.9
124706	Drill Core	2.6	77.7	0.6
124707	Drill Core	2.3	75.2	0.6
124708	Drill Core	2.0	60.3	0.5
124709	Rock	<0.1	0.4	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124710	Drill Core	6.90	0.015	92.8	460.4	214.7	876	11.6	53.8	21.5	1771	2.70	48	1.5	<0.1	6.2	300	6.3	73.8	0.2
124711	Drill Core	6.79	0.013	68.7	605.9	121.4	719	8.1	59.4	22.9	1439	2.49	60	1.6	<0.1	6.8	630	4.3	61.1	<0.1
124712	Drill Core	6.89	0.014	63.2	804.3	176.7	758	13.1	60.7	25.4	1323	2.86	72	1.4	<0.1	6.3	537	4.8	66.9	0.1
124713	Drill Core	4.48	0.023	49.3	1344	161.6	733	8.7	66.2	37.4	1331	3.42	130	1.4	<0.1	6.0	493	4.7	70.8	0.4
124714	Drill Core	6.70	0.041	134.5	1658	29.5	100	0.5	14.0	26.2	1062	2.60	126	1.4	<0.1	4.9	427	0.6	9.0	<0.1
124715	Drill Core	6.57	0.031	43.4	1236	87.7	303	1.9	48.3	26.0	1423	2.68	20	1.0	<0.1	5.9	401	1.8	15.2	<0.1
124716	Drill Core	6.82	0.036	106.4	1488	49.5	146	1.2	46.5	28.0	1203	2.74	230	1.3	<0.1	5.4	538	0.9	16.0	0.2
124717	Drill Core	3.49	0.031	273.3	1324	59.6	203	1.4	41.1	24.8	1296	2.37	215	1.0	<0.1	5.4	643	1.7	22.3	0.2
124718	Drill Core	7.45	0.037	80.9	1636	84.4	232	2.3	44.6	26.7	2459	2.73	147	0.8	<0.1	5.3	469	1.6	14.1	0.2
124719	Drill Core	7.00	0.030	65.9	1559	28.7	108	1.2	47.7	26.7	844	2.70	276	0.7	<0.1	4.5	253	0.4	6.2	0.3
124720	Drill Core	6.74	0.032	74.8	1575	27.0	112	0.5	39.1	23.2	530	2.07	314	0.8	<0.1	5.9	496	0.6	4.1	0.2
124721	Drill Core	7.28	0.028	54.7	1378	34.1	90	0.9	51.5	26.8	506	2.65	87	1.3	<0.1	7.5	445	0.6	3.0	0.2
124722	Drill Core	7.57	0.022	62.2	1063	20.8	68	0.8	60.2	22.8	454	2.53	22	1.5	<0.1	9.2	302	0.4	1.2	0.2
124723	Drill Core	7.19	0.028	114.6	968.1	13.8	47	0.4	44.8	18.9	347	2.18	12	1.4	<0.1	8.1	716	0.5	0.5	0.2
124724	Drill Core	7.44	0.042	226.2	1612	22.1	67	1.5	42.6	19.9	370	1.94	11	1.4	<0.1	6.8	769	0.8	1.5	0.2
124725	Rock Pulp	0.10	0.429	130.9	3648	28.7	78	2.7	39.9	21.4	421	4.80	46	1.3	0.4	3.2	252	0.6	4.4	0.5
124726	Drill Core	2.54	0.095	419.5	4098	41.7	88	2.3	27.1	14.9	299	1.62	10	1.4	0.2	4.8	938	1.6	2.5	0.2
124727	Drill Core	7.58	0.064	45.2	2446	13.8	39	0.7	16.8	25.7	421	2.23	14	1.0	0.1	5.4	1079	0.2	1.9	0.2
124728	Drill Core	6.70	0.087	55.4	2543	34.4	109	1.1	14.6	21.7	567	2.00	33	1.1	<0.1	5.3	1272	0.7	2.0	<0.1
124729	Drill Core	7.27	0.066	74.7	2402	116.3	149	1.9	16.9	24.8	837	2.18	37	1.6	<0.1	5.0	752	0.8	9.9	0.1
124730	Rock	0.96	<0.005	0.2	9.0	0.6	5	<0.1	0.8	1.7	29	0.36	24	1.6	<0.1	<0.1	4113	<0.1	<0.1	<0.1
124731	Drill Core	6.62	0.059	198.6	2041	43.6	112	1.2	21.2	28.1	948	2.53	39	1.4	0.2	5.8	210	1.2	8.7	0.1
124732	Drill Core	3.32	0.037	56.2	1422	156.4	497	2.9	28.3	28.0	1605	2.59	94	1.1	<0.1	5.9	416	2.7	31.0	0.2
124733	Drill Core	7.36	0.024	80.7	1047	117.8	234	1.9	39.5	24.2	1043	2.46	96	1.7	<0.1	7.1	403	0.9	7.3	0.1
124734	Drill Core	6.39	0.021	20.2	901.2	275.4	396	6.2	53.0	23.5	2497	2.78	63	1.8	<0.1	8.8	326	2.4	20.1	0.1
124735	Drill Core	3.49	0.022	30.4	877.6	546.9	588	7.9	51.8	23.7	2377	2.88	73	1.3	<0.1	8.4	319	3.6	26.6	0.1
124736	Drill Core	7.04	0.019	30.7	1187	108.4	495	1.7	53.9	31.1	1619	3.46	233	1.8	<0.1	9.8	503	1.7	13.8	0.1
124737	Drill Core	7.10	0.108	32.7	886.4	173.2	317	12.9	49.8	31.4	1326	3.22	98	1.8	<0.1	9.6	395	1.4	25.7	0.1
124738	Drill Core	6.94	0.096	43.4	989.9	300.1	485	4.5	48.9	30.9	2010	3.47	103	1.8	<0.1	10.7	318	2.7	21.1	0.2
124739	Drill Core	7.08	0.030	57.6	1302	80.2	120	1.8	25.0	35.4	999	3.78	110	1.2	<0.1	5.7	301	0.8	11.6	0.1



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Project: Poplar Drilling
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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124710	Drill Core	1.17	0.073	22.1	60	0.80	80	0.062	8.30	0.128	2.92	0.6	26.8	48	0.9	9.0	0.8	<0.1	2	13
124711	Drill Core	0.95	0.083	26.3	65	0.85	83	0.058	8.69	0.092	3.18	0.5	30.3	58	0.7	9.6	0.7	<0.1	2	15
124712	Drill Core	0.80	0.075	18.2	63	0.84	72	0.058	7.67	0.087	3.13	0.6	28.0	41	0.7	8.8	0.9	<0.1	1	12
124713	Drill Core	0.79	0.072	17.9	59	0.77	56	0.055	7.22	0.092	3.05	0.6	26.5	39	0.9	9.2	0.7	<0.1	1	11
124714	Drill Core	2.04	0.104	13.0	6	1.18	126	0.057	7.82	0.074	2.64	0.4	26.4	27	0.8	9.0	1.1	<0.1	1	5
124715	Drill Core	2.21	0.065	22.2	64	1.20	122	0.090	6.98	0.081	2.60	0.5	17.4	47	0.8	9.6	0.7	<0.1	1	10
124716	Drill Core	1.84	0.058	18.7	59	1.25	227	0.071	6.49	0.082	2.73	0.5	15.6	39	0.8	8.7	0.9	<0.1	1	10
124717	Drill Core	1.94	0.062	22.5	57	1.25	192	0.075	6.71	0.078	2.76	0.4	14.6	46	0.7	8.2	0.7	<0.1	2	9
124718	Drill Core	2.14	0.061	14.7	50	1.38	701	0.049	7.52	0.088	3.08	0.3	10.0	29	1.0	7.6	0.3	<0.1	2	12
124719	Drill Core	1.76	0.037	9.4	76	1.22	719	0.035	7.56	0.087	2.74	0.6	9.4	18	0.9	5.5	0.4	<0.1	1	10
124720	Drill Core	1.84	0.049	10.3	49	1.22	687	0.030	7.77	0.110	2.56	0.5	10.1	21	1.0	5.7	0.2	<0.1	1	9
124721	Drill Core	2.02	0.064	22.4	76	1.34	483	0.102	8.37	0.100	2.49	0.5	28.6	43	0.8	10.6	0.9	<0.1	1	13
124722	Drill Core	2.09	0.069	30.8	63	1.42	442	0.066	9.09	0.115	3.13	0.5	23.9	60	0.8	13.3	0.7	<0.1	2	14
124723	Drill Core	2.05	0.062	25.5	63	1.24	558	0.081	8.34	0.585	2.82	0.6	25.7	50	0.8	10.8	1.0	<0.1	1	13
124724	Drill Core	2.04	0.053	30.6	82	1.04	499	0.078	7.35	0.636	2.76	0.9	20.4	59	0.9	10.4	0.7	<0.1	1	12
124725	Rock Pulp	0.47	0.116	20.9	65	1.06	206	0.315	8.19	1.599	4.07	13.8	26.7	38	2.5	14.4	2.8	0.2	1	18
124726	Drill Core	2.13	0.056	34.0	53	0.75	165	0.044	5.98	0.088	2.38	0.7	13.1	60	1.2	10.6	0.7	<0.1	1	5
124727	Drill Core	2.61	0.111	21.2	15	1.12	321	0.106	8.00	0.364	2.51	0.4	10.4	41	1.0	10.6	1.1	<0.1	2	7
124728	Drill Core	2.36	0.103	23.4	12	1.11	185	0.107	7.91	0.100	2.82	0.3	11.2	44	0.8	10.4	1.1	<0.1	2	7
124729	Drill Core	2.63	0.110	25.6	9	1.14	245	0.086	8.37	0.091	3.00	0.7	21.6	48	0.9	10.7	1.2	<0.1	2	7
124730	Rock	36.36	0.004	1.1	<1	1.87	6	0.008	0.08	0.003	0.01	<0.1	0.4	<1	0.1	0.3	0.1	<0.1	<1	<1
124731	Drill Core	2.60	0.114	23.3	11	1.15	371	0.119	8.20	0.090	2.47	0.7	25.8	43	0.9	13.0	1.5	0.1	<1	8
124732	Drill Core	2.09	0.106	20.6	25	1.11	355	0.137	8.20	0.080	2.86	0.8	10.9	40	0.9	13.6	1.6	0.1	1	9
124733	Drill Core	2.79	0.059	28.1	58	1.20	256	0.110	8.20	0.087	2.41	0.6	26.4	53	0.7	12.2	1.0	<0.1	1	13
124734	Drill Core	2.18	0.052	16.9	57	1.19	275	0.082	8.55	0.109	2.83	0.6	29.7	33	0.7	10.4	1.0	<0.1	2	13
124735	Drill Core	2.12	0.053	17.0	56	1.16	360	0.072	8.54	0.109	2.88	0.7	34.2	33	0.8	10.5	0.8	<0.1	1	13
124736	Drill Core	2.15	0.064	21.1	62	1.16	247	0.123	8.91	0.092	2.52	0.8	33.3	40	0.9	11.1	1.5	<0.1	2	15
124737	Drill Core	1.82	0.067	26.3	48	1.24	179	0.091	8.32	0.115	3.03	0.7	25.8	53	0.9	10.8	1.1	<0.1	1	14
124738	Drill Core	1.88	0.070	28.3	47	1.20	168	0.112	8.67	0.125	3.28	0.6	33.0	55	0.9	11.4	1.6	<0.1	2	14
124739	Drill Core	2.53	0.137	19.8	6	1.11	489	0.110	8.17	0.095	2.49	0.5	10.7	38	1.0	12.7	1.6	<0.1	2	7



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124710	Drill Core	1.9	82.1	0.8
124711	Drill Core	1.6	89.4	0.8
124712	Drill Core	2.0	87.1	0.9
124713	Drill Core	2.7	91.5	0.8
124714	Drill Core	1.9	54.8	0.9
124715	Drill Core	2.0	67.7	0.5
124716	Drill Core	2.0	78.1	0.4
124717	Drill Core	1.8	80.8	0.5
124718	Drill Core	1.9	80.1	0.3
124719	Drill Core	1.9	73.6	0.3
124720	Drill Core	1.5	56.1	0.4
124721	Drill Core	1.8	69.3	0.6
124722	Drill Core	1.7	79.3	0.8
124723	Drill Core	1.5	68.2	0.7
124724	Drill Core	1.8	66.9	0.7
124725	Rock Pulp	2.0	93.5	0.8
124726	Drill Core	2.1	56.1	0.4
124727	Drill Core	1.9	56.7	0.4
124728	Drill Core	1.3	68.9	0.4
124729	Drill Core	1.4	78.9	0.7
124730	Rock	<0.1	<0.1	<0.1
124731	Drill Core	1.6	77.7	1.0
124732	Drill Core	1.8	95.7	0.4
124733	Drill Core	1.6	76.6	0.7
124734	Drill Core	1.9	100.6	0.9
124735	Drill Core	2.0	102.4	1.2
124736	Drill Core	2.4	91.4	1.1
124737	Drill Core	2.3	91.4	0.8
124738	Drill Core	2.4	103.4	0.8
124739	Drill Core	3.2	79.6	0.4



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124740	Drill Core	2.72	0.020	24.0	942.4	27.6	67	0.9	27.5	21.4	808	2.85	58	1.0	<0.1	5.5	411	0.2	2.6	<0.1
124741	Drill Core	6.97	0.020	19.1	966.5	52.1	302	1.0	42.9	27.0	775	3.16	196	1.7	<0.1	5.1	568	1.0	6.8	0.1
124742	Drill Core	7.14	0.024	27.8	1320	208.2	480	12.8	34.6	30.1	1728	3.52	282	1.1	<0.1	5.9	644	2.8	44.4	0.2
124743	Drill Core	3.46	0.024	48.6	1336	40.2	146	2.0	51.6	35.5	1222	3.69	315	0.9	<0.1	5.5	729	0.6	38.3	0.2
124744	Drill Core	6.84	0.062	36.0	1763	98.2	443	1.8	24.9	33.3	1585	3.80	443	1.1	<0.1	5.8	554	2.1	130.6	0.1
124745	Drill Core	6.93	0.039	55.0	1142	263.9	929	2.0	13.8	20.7	1404	2.85	175	1.1	<0.1	4.8	390	5.1	32.8	0.1
124746	Drill Core	7.60	0.039	143.6	1761	55.5	160	2.0	14.0	27.1	1002	2.76	38	1.3	<0.1	5.1	510	1.1	7.0	0.1
124747	Drill Core	6.83	0.048	73.4	1955	24.6	88	1.2	19.2	42.0	978	3.64	15	1.5	<0.1	4.3	412	0.5	2.4	0.2
124748	Rock Pulp	0.10	0.005	694.0	135.1	16.5	100	0.2	17.5	6.5	680	2.92	5	4.0	<0.1	7.7	333	1.3	0.7	0.7
124749	Drill Core	4.18	0.113	41.9	1432	320.2	745	21.9	18.1	36.5	2786	4.39	107	1.6	<0.1	3.9	610	4.1	80.1	1.5
124750	Drill Core	7.26	0.037	73.0	1412	107.5	309	2.9	40.0	25.2	3319	3.37	107	0.9	<0.1	5.2	665	1.9	12.7	0.2
124751	Drill Core	7.15	0.045	104.3	1599	1608	4574	8.1	56.5	27.8	4209	3.75	257	0.9	<0.1	6.7	651	27.8	42.3	0.1
124752	Drill Core	7.51	0.031	92.3	1256	423.9	810	5.7	47.8	24.8	4557	3.03	267	1.2	<0.1	5.8	564	5.2	52.8	0.1
124753	Drill Core	6.90	0.041	84.8	2050	148.5	636	5.8	55.9	26.3	3000	3.41	365	1.2	<0.1	6.1	605	4.6	81.2	0.5
124754	Rock	0.66	<0.005	0.2	3.5	3.8	7	<0.1	<0.1	0.5	38	0.13	16	1.3	<0.1	<0.1	4568	0.1	1.8	<0.1
124755	Drill Core	6.99	0.042	103.9	1610	41.2	82	1.5	60.4	27.3	884	3.50	66	1.1	<0.1	6.4	318	0.4	5.6	0.6
124756	Drill Core	7.28	0.041	108.9	1797	47.5	175	1.3	68.7	30.0	1663	3.50	25	1.0	<0.1	5.8	194	0.8	4.4	0.2
124757	Drill Core	6.58	0.027	94.2	1392	12.7	41	0.6	57.4	22.3	887	3.22	25	0.9	<0.1	4.5	151	0.2	2.0	0.1
124758	Drill Core	3.22	0.029	93.6	1393	12.2	40	0.6	55.5	21.9	839	3.08	22	0.9	<0.1	5.1	160	0.1	2.4	0.1
124759	Drill Core	4.72	0.036	95.2	1637	18.2	44	0.7	55.7	25.8	527	3.31	24	0.9	<0.1	5.7	227	0.2	3.2	0.1
124760	Drill Core	6.91	0.058	109.3	2688	16.5	58	1.0	21.0	29.5	439	3.74	80	1.1	<0.1	3.1	1336	0.3	4.9	<0.1
124761	Drill Core	7.09	0.047	88.0	1797	9.2	49	0.5	11.9	27.7	472	3.43	11	1.1	<0.1	4.2	115	<0.1	1.0	<0.1
124762	Drill Core	7.37	0.073	244.3	3003	16.5	71	1.1	13.0	28.6	737	3.58	51	1.3	<0.1	2.9	150	<0.1	6.6	<0.1
124763	Drill Core	6.97	0.072	145.8	2884	12.0	45	0.9	13.2	30.3	247	3.31	42	1.2	<0.1	3.1	3018	0.2	1.3	<0.1
124764	Rock Pulp	0.10	0.407	138.3	3850	29.1	67	2.5	38.3	21.3	387	4.43	47	1.2	0.3	2.3	183	0.5	4.0	0.4
124765	Drill Core	1.79	0.105	218.2	3746	263.7	496	4.6	12.0	41.4	944	3.92	621	1.2	0.2	3.2	362	3.1	43.6	0.2
124766	Drill Core	6.75	0.035	85.0	1525	50.8	99	1.0	6.5	21.8	444	2.32	302	0.8	<0.1	4.7	421	0.5	10.1	0.2
124767	Drill Core	6.70	0.041	153.8	1667	21.2	58	0.9	5.4	24.1	550	2.30	101	0.9	<0.1	5.0	293	0.2	2.0	0.1
124768	Drill Core	6.81	0.032	126.5	1546	43.1	132	1.5	5.1	26.2	813	2.48	276	1.0	<0.1	4.9	340	0.6	5.2	0.2
124769	Rock	0.67	<0.005	0.7	4.4	0.8	1	<0.1	<0.1	0.6	29	0.12	15	1.4	<0.1	<0.1	4090	<0.1	0.2	<0.1



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		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124740	Drill Core	2.41	0.121	18.8	25	1.14	130	0.149	8.65	0.093	2.49	0.7	14.2	37	0.9	11.3	1.9	0.2	2	9
124741	Drill Core	2.13	0.060	18.4	65	1.12	230	0.111	7.44	0.083	2.43	0.5	19.9	37	0.9	10.1	0.8	<0.1	1	12
124742	Drill Core	2.07	0.094	16.4	52	1.08	583	0.157	8.18	0.089	2.62	0.9	13.5	31	1.3	8.7	1.7	0.1	2	12
124743	Drill Core	1.71	0.080	14.3	63	1.24	88	0.094	8.40	0.104	3.38	0.6	10.7	29	0.8	8.1	0.8	<0.1	2	13
124744	Drill Core	2.22	0.134	18.8	9	1.16	746	0.126	8.42	0.083	2.80	0.5	10.9	37	1.0	11.1	1.8	0.1	1	7
124745	Drill Core	3.43	0.120	19.0	12	1.12	137	0.143	8.10	0.083	2.44	0.9	17.9	37	1.0	11.8	1.3	0.1	1	8
124746	Drill Core	2.65	0.130	22.6	8	1.22	105	0.095	8.03	0.113	2.74	0.4	12.2	43	0.9	12.0	1.2	<0.1	1	6
124747	Drill Core	2.88	0.138	18.6	13	1.29	145	0.124	8.69	0.111	2.61	0.8	27.5	37	1.2	12.7	0.9	<0.1	1	10
124748	Rock Pulp	1.73	0.089	34.7	22	0.61	931	0.275	7.95	2.061	3.81	6.1	24.1	66	6.7	17.6	12.5	0.8	3	6
124749	Drill Core	2.73	0.158	23.0	13	1.43	127	0.303	8.02	0.084	2.53	0.7	39.6	47	1.0	12.1	3.4	0.2	1	11
124750	Drill Core	2.93	0.082	18.9	52	1.44	111	0.216	7.62	0.061	2.64	1.0	10.6	37	1.1	9.9	1.8	0.1	1	13
124751	Drill Core	2.12	0.068	24.2	63	1.24	417	0.189	7.92	0.070	2.84	1.2	7.6	46	1.0	8.6	1.8	0.1	1	14
124752	Drill Core	1.44	0.055	20.8	55	1.09	344	0.121	7.48	0.076	2.81	0.9	8.4	42	0.8	7.4	1.0	<0.1	1	13
124753	Drill Core	1.50	0.072	21.3	57	1.18	213	0.092	6.67	0.086	3.50	1.0	8.6	43	1.1	5.9	0.8	<0.1	1	12
124754	Rock	34.33	0.004	0.1	<1	1.56	8	<0.001	0.03	0.002	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
124755	Drill Core	1.88	0.068	18.9	68	1.24	299	0.087	7.03	0.247	3.22	2.0	8.1	40	0.8	6.2	0.8	<0.1	1	13
124756	Drill Core	2.74	0.075	16.1	74	1.27	340	0.176	7.34	0.077	2.22	2.1	8.6	34	1.1	7.3	1.6	0.1	1	14
124757	Drill Core	3.21	0.058	13.1	67	1.41	490	0.132	6.33	0.075	2.17	0.9	8.6	29	0.7	6.5	1.2	<0.1	1	11
124758	Drill Core	2.92	0.055	15.1	73	1.41	347	0.131	6.85	0.078	2.23	0.9	8.2	32	0.9	6.6	1.1	<0.1	1	12
124759	Drill Core	2.29	0.079	18.2	75	1.21	389	0.179	6.89	0.613	2.43	1.1	15.1	37	1.0	7.5	1.3	<0.1	1	13
124760	Drill Core	2.39	0.129	12.1	9	1.05	112	0.164	6.90	1.531	1.65	0.4	32.1	27	1.0	9.3	1.8	0.1	1	7
124761	Drill Core	2.38	0.119	16.3	9	1.09	301	0.146	6.33	1.048	1.95	0.3	30.4	33	0.9	10.8	2.9	0.1	1	6
124762	Drill Core	3.29	0.135	13.7	7	1.47	310	0.121	6.21	0.246	1.79	0.5	35.2	31	1.1	9.2	1.2	<0.1	1	6
124763	Drill Core	2.39	0.141	12.1	9	0.99	166	0.184	7.04	2.418	1.60	0.2	41.0	30	1.1	10.1	2.2	0.1	1	7
124764	Rock Pulp	0.32	0.117	13.3	64	0.99	249	0.261	5.91	1.378	3.38	13.1	25.5	25	2.4	9.3	2.6	0.2	1	15
124765	Drill Core	2.71	0.131	11.5	6	1.06	266	0.148	6.87	0.389	2.45	0.7	37.2	27	1.2	7.7	1.6	0.1	2	7
124766	Drill Core	1.75	0.093	19.3	3	0.93	199	0.074	7.01	1.191	2.86	0.5	12.5	38	0.7	6.5	1.3	0.1	1	3
124767	Drill Core	1.84	0.095	20.0	3	0.83	456	0.091	7.17	0.925	2.54	0.4	13.4	40	0.7	7.4	1.8	0.1	1	3
124768	Drill Core	1.71	0.091	19.4	3	0.86	131	0.076	7.25	0.865	2.92	0.2	13.1	38	0.7	7.2	1.5	<0.1	1	3
124769	Rock	35.47	0.004	0.3	<1	1.69	10	0.001	0.10	0.004	<0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: December 06, 2011

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CERTIFICATE OF ANALYSIS

SMI11000635.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124740	Drill Core	1.8	78.0	0.5
124741	Drill Core	2.3	74.5	0.5
124742	Drill Core	2.5	91.1	0.5
124743	Drill Core	3.0	108.7	0.4
124744	Drill Core	2.8	92.9	0.4
124745	Drill Core	1.9	86.8	0.6
124746	Drill Core	1.9	81.6	0.4
124747	Drill Core	2.5	92.5	0.8
124748	Rock Pulp	0.3	132.9	1.1
124749	Drill Core	2.1	93.4	1.2
124750	Drill Core	2.0	110.5	0.3
124751	Drill Core	2.8	114.5	0.3
124752	Drill Core	2.2	96.0	0.3
124753	Drill Core	2.6	103.3	0.3
124754	Rock	<0.1	<0.1	<0.1
124755	Drill Core	2.7	81.2	0.3
124756	Drill Core	2.6	46.2	0.3
124757	Drill Core	2.0	30.1	0.3
124758	Drill Core	1.9	36.7	0.3
124759	Drill Core	2.4	58.8	0.5
124760	Drill Core	2.9	38.6	0.9
124761	Drill Core	2.5	62.4	0.8
124762	Drill Core	2.3	26.8	1.0
124763	Drill Core	2.5	40.8	1.0
124764	Rock Pulp	2.0	86.5	0.8
124765	Drill Core	3.1	45.9	1.0
124766	Drill Core	1.7	62.2	0.4
124767	Drill Core	1.6	60.3	0.4
124768	Drill Core	1.9	73.8	0.4
124769	Rock	<0.1	0.3	<0.1



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QUALITY CONTROL REPORT

SMI11000635.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
124659	Drill Core	6.28	0.024	23.3	1081	16.6	51	0.4	18.9	23.3	688	3.31	4	0.9	<0.1	3.4	272	0.2	2.9	0.1	71
REP 124659	QC	0.023																			
124669	Drill Core	6.77	0.041	45.9	1319	117.0	410	3.2	71.9	27.4	781	3.55	38	1.2	<0.1	5.1	276	2.8	24.9	0.4	104
REP 124669	QC	50.1 1342 113.0 394 3.2 70.5 28.7 788 3.60 38 1.3 <0.1 5.6 279 2.8 25.0 0.3 107																			
124682	Drill Core	6.89	0.022	56.6	665.9	10.9	32	0.3	22.0	34.0	626	4.75	27	1.3	<0.1	3.3	426	0.1	1.4	0.2	82
REP 124682	QC	0.015																			
124697	Drill Core	1.79	0.018	32.7	954.7	35.4	85	1.5	34.4	34.7	550	3.68	9	1.7	0.9	4.0	221	0.5	4.2	0.1	67
REP 124697	QC	0.015																			
124715	Drill Core	6.57	0.031	43.4	1236	87.7	303	1.9	48.3	26.0	1423	2.68	20	1.0	<0.1	5.9	401	1.8	15.2	<0.1	80
REP 124715	QC	47.2 1235 99.2 303 2.1 46.9 26.6 1397 2.67 22 1.1 <0.1 5.9 402 2.0 17.8 <0.1 81																			
124720	Drill Core	6.74	0.032	74.8	1575	27.0	112	0.5	39.1	23.2	530	2.07	314	0.8	<0.1	5.9	496	0.6	4.1	0.2	57
REP 124720	QC	0.030																			
124741	Drill Core	6.97	0.020	19.1	966.5	52.1	302	1.0	42.9	27.0	775	3.16	196	1.7	<0.1	5.1	568	1.0	6.8	0.1	89
REP 124741	QC	20.9 1030 50.8 313 1.1 46.0 29.0 820 3.36 191 1.9 <0.1 5.5 602 0.8 6.8 0.1 92																			
124765	Drill Core	1.79	0.105	218.2	3746	263.7	496	4.6	12.0	41.4	944	3.92	621	1.2	0.2	3.2	362	3.1	43.6	0.2	76
REP 124765	QC	0.110																			
124768	Drill Core	6.81	0.032	126.5	1546	43.1	132	1.5	5.1	26.2	813	2.48	276	1.0	<0.1	4.9	340	0.6	5.2	0.2	36
REP 124768	QC	133.3 1513 42.5 127 1.5 5.3 25.8 782 2.45 277 1.0 <0.1 4.5 319 0.6 5.5 0.2 36																			
Core Reject Duplicates																					
124657	Drill Core	6.02	0.027	13.7	1134	10.0	30	0.2	16.9	20.5	299	2.93	3	1.2	<0.1	4.1	252	<0.1	1.4	0.2	69
DUP 124657	QC	0.026 14.8 1124 10.0 32 0.3 17.1 20.0 311 2.95 3 1.1 <0.1 3.8 262 <0.1 1.3 0.1 71																			
124692	Rock	0.58	<0.005	0.3	5.9	0.4	1	<0.1	4.6	1.4	44	0.37	22	1.4	<0.1	<0.1	4213	<0.1	<0.1	<0.1	<1
DUP 124692	QC	<0.005 0.3 2.2 0.3 <1 <0.1 5.3 1.4 40 0.34 23 1.4 <0.1 <0.1 4026 <0.1 <0.1 <0.1 <1																			
124727	Drill Core	7.58	0.064	45.2	2446	13.8	39	0.7	16.8	25.7	421	2.23	14	1.0	0.1	5.4	1079	0.2	1.9	0.2	59
DUP 124727	QC	0.062 44.2 2585 14.8 40 0.7 18.3 26.2 445 2.42 14 1.1 <0.1 5.8 1116 0.2 2.1 0.2 62																			
124762	Drill Core	7.37	0.073	244.3	3003	16.5	71	1.1	13.0	28.6	737	3.58	51	1.3	<0.1	2.9	150	<0.1	6.6	<0.1	71
DUP 124762	QC	0.071 248.8 3003 14.4 71 1.1 13.6 28.6 741 3.41 45 1.3 0.1 2.9 147 0.3 5.9 0.1 69																			
Reference Materials																					



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Project: Poplar Drilling

Report Date: December 06, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
124659	Drill Core	2.59	0.123	11.4	18	1.12	244	0.076	6.40	0.734	1.61	0.4	28.2	24	0.9	6.6	0.8	<0.1	1	7
REP 124659	QC																			
124669	Drill Core	1.68	0.081	17.2	68	1.02	85	0.070	7.43	0.102	2.47	0.8	18.7	38	1.4	6.5	0.8	<0.1	1	13
REP 124669	QC	1.73	0.085	19.2	69	1.06	84	0.075	7.70	0.103	2.49	0.9	19.5	42	1.5	6.9	0.8	<0.1	2	14
124682	Drill Core	2.97	0.154	14.8	19	1.33	298	0.034	7.61	0.488	1.90	0.3	22.8	30	0.8	7.2	0.3	<0.1	2	9
REP 124682	QC																			
124697	Drill Core	1.77	0.115	10.1	15	0.98	42	0.085	8.27	0.198	2.90	0.8	45.3	24	1.8	9.2	0.8	<0.1	1	9
REP 124697	QC																			
124715	Drill Core	2.21	0.065	22.2	64	1.20	122	0.090	6.98	0.081	2.60	0.5	17.4	47	0.8	9.6	0.7	<0.1	1	10
REP 124715	QC	2.24	0.064	22.4	63	1.19	114	0.090	7.23	0.084	2.63	0.6	19.4	47	0.7	10.1	0.6	<0.1	<1	11
124720	Drill Core	1.84	0.049	10.3	49	1.22	687	0.030	7.77	0.110	2.56	0.5	10.1	21	1.0	5.7	0.2	<0.1	1	9
REP 124720	QC																			
124741	Drill Core	2.13	0.060	18.4	65	1.12	230	0.111	7.44	0.083	2.43	0.5	19.9	37	0.9	10.1	0.8	<0.1	1	12
REP 124741	QC	2.22	0.065	20.0	67	1.18	404	0.123	7.73	0.092	2.57	0.5	20.6	40	0.8	10.4	1.1	<0.1	1	13
124765	Drill Core	2.71	0.131	11.5	6	1.06	266	0.148	6.87	0.389	2.45	0.7	37.2	27	1.2	7.7	1.6	0.1	2	7
REP 124765	QC																			
124768	Drill Core	1.71	0.091	19.4	3	0.86	131	0.076	7.25	0.865	2.92	0.2	13.1	38	0.7	7.2	1.5	<0.1	1	3
REP 124768	QC	1.65	0.088	17.1	3	0.81	146	0.074	6.67	0.861	2.83	0.3	12.9	36	0.8	6.6	1.5	<0.1	1	3
Core Reject Duplicates																				
124657	Drill Core	2.22	0.120	14.1	18	0.92	269	0.063	6.65	1.079	1.55	0.5	28.5	31	1.1	7.0	0.9	<0.1	<1	6
DUP 124657	QC	2.23	0.121	13.5	17	0.93	227	0.063	6.68	1.103	1.59	0.6	28.1	29	0.9	6.9	0.8	<0.1	1	7
124692	Rock	35.43	0.004	0.4	<1	1.72	9	<0.001	0.09	0.006	0.01	<0.1	0.5	<1	0.1	0.4	<0.1	<0.1	<1	<1
DUP 124692	QC	34.79	0.004	0.7	<1	1.71	7	0.002	0.07	0.004	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
124727	Drill Core	2.61	0.111	21.2	15	1.12	321	0.106	8.00	0.364	2.51	0.4	10.4	41	1.0	10.6	1.1	<0.1	2	7
DUP 124727	QC	2.69	0.117	23.2	16	1.17	268	0.109	8.43	0.388	3.02	0.4	10.9	44	1.1	11.5	1.3	<0.1	2	8
124762	Drill Core	3.29	0.135	13.7	7	1.47	310	0.121	6.21	0.246	1.79	0.5	35.2	31	1.1	9.2	1.2	<0.1	1	6
DUP 124762	QC	3.29	0.128	14.0	7	1.47	296	0.125	6.73	0.245	1.80	0.5	34.8	33	1.2	9.5	1.3	<0.1	1	6
Reference Materials																				



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Project: Poplar Drilling

Report Date: December 06, 2011

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QUALITY CONTROL REPORT

SMI11000635.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
124659	Drill Core	3.1	33.6	0.9
REP 124659	QC			
124669	Drill Core	3.8	44.6	0.6
REP 124669	QC	3.8	47.7	0.6
124682	Drill Core	4.7	41.4	0.7
REP 124682	QC			
124697	Drill Core	3.7	74.8	1.4
REP 124697	QC			
124715	Drill Core	2.0	67.7	0.5
REP 124715	QC	2.0	72.1	0.6
124720	Drill Core	1.5	56.1	0.4
REP 124720	QC			
124741	Drill Core	2.3	74.5	0.5
REP 124741	QC	2.4	77.1	0.6
124765	Drill Core	3.1	45.9	1.0
REP 124765	QC			
124768	Drill Core	1.9	73.8	0.4
REP 124768	QC	1.8	68.3	0.4
Core Reject Duplicates				
124657	Drill Core	2.7	36.5	0.9
DUP 124657	QC	2.6	38.3	0.9
124692	Rock	<0.1	0.4	<0.1
DUP 124692	QC	<0.1	<0.1	<0.1
124727	Drill Core	1.9	56.7	0.4
DUP 124727	QC	1.9	71.8	0.4
124762	Drill Core	2.3	26.8	1.0
DUP 124762	QC	2.3	29.4	1.0
Reference Materials				



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS24P	Standard			1.4	53.9	2.9	132	<0.1	144.3	45.1	1105	7.31	6	0.7	<0.1	2.8	384	<0.1	<0.1	<0.1	158
STD OREAS24P	Standard			1.6	54.3	3.1	133	<0.1	144.7	46.0	1122	7.47	5	0.7	<0.1	3.0	382	0.1	0.1	<0.1	156
STD OREAS24P	Standard			1.6	55.8	3.0	109	<0.1	143.0	46.2	1140	7.28	3	0.7	<0.1	2.9	376	0.1	0.2	<0.1	159
STD OREAS24P	Standard			1.4	48.2	3.4	105	0.1	133.3	44.2	1096	7.24	3	0.7	<0.1	2.8	384	0.2	0.7	<0.1	155
STD OREAS45C	Standard			2.3	611.2	28.1	100	0.2	335.5	100.9	1156	17.20	12	2.4	<0.1	10.9	45	0.3	0.9	0.2	253
STD OREAS45C	Standard			2.2	610.8	26.3	103	0.3	338.5	105.0	1177	18.00	12	2.3	<0.1	11.0	39	0.3	0.9	0.2	251
STD OREAS45C	Standard			2.0	639.3	25.2	79	0.4	332.6	103.1	1201	16.59	12	2.3	<0.1	10.6	33	0.3	0.8	0.3	269
STD OREAS45C	Standard			1.9	584.1	23.9	77	0.3	328.7	100.1	1132	16.34	12	2.2	<0.1	10.0	37	0.3	1.0	0.2	253
STD OXH82	Standard		1.292																		
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.179																		
STD OXH82	Standard		1.195																		
STD OXH82	Standard		1.289																		
STD OXK79	Standard		3.683																		
STD OXK79	Standard		3.477																		
STD OXK79	Standard		3.433																		
STD OXK79	Standard		3.521																		
STD OXK79 Expected			3.532																		
STD OXH82 Expected			1.278																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
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Project: Poplar Drilling

Report Date: December 06, 2011

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QUALITY CONTROL REPORT

SMI11000635.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.91	0.135	18.8	196	4.00	264	1.050	7.73	2.425	0.67	0.4	134.3	37	1.7	24.1	19.8	1.0	1	20	8.0
STD OREAS24P	Standard	5.95	0.137	19.6	183	4.10	282	1.037	7.95	2.397	0.68	0.4	135.2	39	1.8	25.2	20.2	1.1	<1	21	8.4
STD OREAS24P	Standard	5.75	0.144	18.8	203	3.96	292	0.995	7.80	2.393	0.66	0.5	137.4	37	1.7	21.0	19.0	1.1	<1	20	8.1
STD OREAS24P	Standard	5.85	0.141	17.9	183	4.05	281	1.085	7.49	2.368	0.67	0.4	131.1	36	1.6	20.5	18.6	1.1	1	19	8.3
STD OREAS45C	Standard	0.49	0.050	27.4	831	0.29	282	1.132	7.32	0.106	0.35	1.1	164.9	54	3.0	14.7	22.4	1.5	<1	61	17.4
STD OREAS45C	Standard	0.50	0.052	27.7	869	0.29	284	1.182	7.35	0.108	0.35	1.0	170.3	54	3.2	14.8	23.2	1.4	1	61	16.1
STD OREAS45C	Standard	0.49	0.057	26.4	945	0.25	293	1.119	7.51	0.104	0.35	1.1	165.5	52	3.0	11.8	21.7	1.4	<1	55	16.2
STD OREAS45C	Standard	0.43	0.056	24.1	908	0.24	278	1.204	6.95	0.100	0.35	1.2	165.8	49	2.8	11.4	22.2	1.4	<1	55	16.7
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79 Expected																					
STD OXH82 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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Report Date: December 06, 2011

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000635.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	20.1	3.3
STD OREAS24P	Standard	<0.1	21.8	3.3
STD OREAS24P	Standard	<0.1	21.1	3.5
STD OREAS24P	Standard	<0.1	20.7	3.5
STD OREAS45C	Standard	<0.1	22.8	4.3
STD OREAS45C	Standard	<0.1	23.8	4.4
STD OREAS45C	Standard	<0.1	23.9	4.3
STD OREAS45C	Standard	<0.1	21.7	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79 Expected				
STD OXH82 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
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BLK	Blank			
BLK	Blank			



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Report Date: December 06, 2011

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QUALITY CONTROL REPORT

SMI11000635.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.3	9.1	18.8	49	<0.1	2.7	4.7	724	2.19	2	2.4	<0.1	7.5	721	<0.1	<0.1	0.2
G1	Prep Blank		<0.005	0.3	7.5	19.6	49	<0.1	2.9	4.3	755	2.16	2	2.4	<0.1	8.1	754	0.1	<0.1	0.2



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Report Date: December 06, 2011

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QUALITY CONTROL REPORT

SMI11000635.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.081	25.4	8	0.57	912	0.234	7.07	2.818	3.04	0.2	11.4	51	1.5	12.8	24.2	1.4	3	4	37.0
G1	Prep Blank	2.40	0.086	26.0	4	0.55	914	0.239	7.71	2.964	3.14	0.1	12.2	54	1.5	13.5	24.6	1.4	3	5	36.0



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Project: Poplar Drilling

Report Date: December 06, 2011

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QUALITY CONTROL REPORT

SMI11000635.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	108.3	0.6
G1	Prep Blank	<0.1	113.9	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 24, 2011
Report Date: December 13, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000656.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_15
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 13, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
1046386	Drill Core	7.48	<0.005	20.0	211.3	8.7	30	0.3	4.0	11.1	147	2.02	2	1.2	<0.1	4.0	416	<0.1	0.2	0.2	44
1046387	Drill Core	2.17	<0.005	8.4	274.7	8.3	30	0.2	2.8	10.9	149	2.40	1	1.1	<0.1	3.6	377	0.2	0.2	0.2	40
1046388	Drill Core	5.07	<0.005	9.4	203.8	10.0	23	0.2	2.6	8.7	87	2.86	7	1.2	<0.1	3.1	241	0.2	0.5	0.2	42
1046389	Drill Core	5.54	0.007	24.8	505.5	8.6	23	0.2	3.1	17.4	88	2.80	1	1.1	<0.1	2.9	214	0.2	0.5	0.2	38
1046390	Drill Core	2.85	<0.005	25.3	456.6	10.3	28	0.2	3.6	15.3	93	2.78	1	1.0	<0.1	2.5	177	0.2	0.7	0.2	37
1046391	Drill Core	6.57	0.016	23.5	878.9	17.6	49	0.2	4.5	20.4	149	2.79	2	1.8	<0.1	5.0	349	0.3	0.4	0.2	38
1046392	Drill Core	6.82	0.016	18.4	801.9	13.2	48	0.3	5.4	20.6	179	2.88	<1	1.7	<0.1	4.4	307	0.4	0.2	0.3	35
1046393	Drill Core	6.95	0.014	37.4	854.3	19.2	43	0.4	5.8	21.2	185	2.47	<1	1.7	<0.1	5.1	316	0.2	0.2	0.3	31
1046394	Drill Core	5.84	0.014	46.6	977.5	9.9	36	0.4	5.9	20.8	172	2.68	21	1.6	<0.1	3.8	250	0.2	0.3	0.2	33
1046395	Rock Pulp	0.14	0.455	149.6	3804	27.5	68	2.6	40.1	20.8	447	4.72	44	1.2	0.6	2.4	226	0.4	4.1	0.4	216
1046396	Drill Core	5.55	0.020	38.5	818.2	17.4	57	0.2	6.3	19.4	198	2.44	<1	1.4	<0.1	3.9	222	0.2	0.2	0.2	22
1046397	Drill Core	6.64	0.012	89.2	620.5	11.5	38	0.2	4.2	18.1	202	2.63	<1	1.5	<0.1	4.2	262	0.3	0.2	0.2	28
1046398	Drill Core	6.02	<0.005	30.2	374.6	14.2	45	0.2	7.1	18.4	183	2.82	18	2.3	<0.1	5.3	489	0.2	0.3	0.2	35
1046399	Drill Core	7.30	<0.005	21.1	444.7	11.3	38	0.1	3.3	12.7	150	2.96	27	1.7	<0.1	4.4	401	<0.1	0.3	0.2	37
1046400	Drill Core	8.34	0.013	30.2	782.3	13.1	48	0.4	3.7	18.9	207	3.48	32	1.8	<0.1	4.5	420	0.4	0.3	0.3	39
1046401	Drill Core	6.50	0.011	58.0	762.4	12.0	43	0.3	4.1	17.4	179	2.69	24	1.9	<0.1	4.1	355	<0.1	0.3	0.2	35
1046402	Drill Core	7.33	0.016	23.0	710.3	18.2	58	0.4	4.3	17.8	220	3.15	25	2.1	<0.1	5.5	338	0.2	0.3	0.2	35
1046403	Drill Core	6.26	0.016	46.4	919.7	30.3	128	0.5	4.2	16.5	280	2.48	184	1.6	<0.1	4.6	385	0.3	0.9	0.3	31
1046404	Drill Core	2.99	0.015	36.6	884.9	27.4	109	0.5	4.3	16.5	276	2.59	147	1.5	<0.1	4.3	348	0.3	0.8	0.3	34
1046405	Drill Core	7.59	0.014	62.9	865.2	11.4	38	0.3	3.4	17.9	160	2.54	77	1.5	<0.1	4.1	412	0.2	0.3	0.2	30
1046406	Drill Core	6.37	<0.005	22.2	465.7	11.2	30	0.3	3.9	16.1	153	3.26	15	2.2	<0.1	5.0	332	0.2	0.2	0.2	42
1046407	Drill Core	6.81	<0.005	30.2	577.0	10.5	43	0.2	9.1	17.7	225	4.19	10	2.3	<0.1	4.3	270	0.2	0.2	0.2	72
1046408	Rock	0.77	<0.005	0.2	3.4	0.1	<1	<0.1	<0.1	<0.2	33	0.06	7	1.3	<0.1	<0.1	4517	<0.1	<0.1	<0.1	<1
1046409	Drill Core	7.59	0.005	27.3	749.3	5.1	23	0.2	8.8	20.1	253	3.92	49	2.2	<0.1	4.1	291	<0.1	0.4	0.3	68
1046410	Drill Core	6.65	0.011	92.5	944.6	21.9	40	0.3	4.7	17.6	178	2.63	4	2.1	<0.1	4.7	328	0.3	0.4	0.2	39
1046411	Drill Core	7.06	0.015	54.1	1278	14.5	30	0.5	5.0	30.1	183	3.34	58	3.0	<0.1	4.9	308	<0.1	0.4	0.3	46
1046412	Drill Core	6.48	0.026	102.3	1248	20.0	30	0.5	6.5	20.6	175	2.18	49	2.4	<0.1	5.7	344	0.3	1.5	0.2	37
1046413	Drill Core	7.40	0.023	61.5	1500	5.1	19	0.4	5.0	19.8	187	2.36	55	1.7	<0.1	5.0	307	<0.1	0.9	0.2	34
1046414	Drill Core	7.35	0.016	93.7	1049	13.5	32	0.3	4.3	13.3	139	1.59	31	1.8	<0.1	5.0	392	0.2	0.2	0.2	36
1046415	Drill Core	7.39	0.024	153.2	1124	12.4	32	0.3	3.9	13.6	157	1.94	14	1.6	<0.1	4.2	349	0.1	0.2	0.2	46



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Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046386	Drill Core	1.73	0.090	13.5	4	0.62	64	0.085	7.09	3.429	2.69	0.4	24.2	29	0.8	7.8	2.0	0.1	2	4
1046387	Drill Core	1.77	0.104	11.9	7	0.63	61	0.084	6.81	3.487	2.51	0.5	24.2	25	0.8	8.6	2.3	0.1	1	4
1046388	Drill Core	0.23	0.088	8.2	3	0.36	615	0.052	5.78	2.632	2.37	0.4	44.2	18	0.8	3.4	1.4	0.1	1	3
1046389	Drill Core	0.48	0.095	8.0	5	0.48	117	0.055	5.80	2.776	2.34	0.5	42.4	19	0.9	4.9	1.7	0.1	1	3
1046390	Drill Core	0.46	0.106	7.0	4	0.45	199	0.054	4.95	2.754	2.25	0.5	41.7	16	0.9	4.2	1.7	0.1	1	3
1046391	Drill Core	1.18	0.102	18.1	5	0.63	77	0.056	9.64	2.926	2.37	0.4	43.5	39	0.8	8.3	1.7	0.1	1	5
1046392	Drill Core	1.04	0.093	17.6	3	0.62	91	0.054	8.13	2.851	2.43	0.5	40.3	35	0.8	8.2	1.6	0.1	2	4
1046393	Drill Core	1.27	0.096	19.3	6	0.67	108	0.051	9.49	2.867	2.70	0.6	39.4	37	0.8	8.5	1.6	0.1	2	4
1046394	Drill Core	0.92	0.106	14.8	3	0.62	84	0.042	6.24	1.971	2.65	0.6	31.3	30	0.8	6.7	1.1	<0.1	1	3
1046395	Rock Pulp	0.36	0.110	14.9	66	1.06	289	0.270	6.31	1.578	3.25	14.3	26.5	29	2.3	10.2	2.8	0.2	<1	15
1046396	Drill Core	1.77	0.103	17.4	4	0.66	112	0.038	6.94	1.822	2.63	0.7	29.6	34	0.8	6.9	1.2	<0.1	1	2
1046397	Drill Core	1.90	0.112	16.7	4	0.67	193	0.041	6.66	2.071	2.11	0.6	33.3	34	0.8	8.5	1.2	<0.1	2	3
1046398	Drill Core	1.67	0.114	19.2	8	0.67	72	0.049	10.08	2.608	2.32	0.6	45.0	40	0.7	8.4	1.4	<0.1	1	5
1046399	Drill Core	1.26	0.088	16.2	3	0.63	121	0.050	6.93	2.328	2.25	0.6	38.1	33	0.7	7.5	1.6	0.1	1	3
1046400	Drill Core	1.30	0.098	17.3	5	0.62	67	0.050	8.12	2.155	2.68	0.6	38.0	36	0.8	7.2	1.7	<0.1	2	4
1046401	Drill Core	1.03	0.099	16.2	3	0.68	174	0.046	6.85	2.231	2.67	0.5	35.4	33	0.8	6.9	1.5	<0.1	1	3
1046402	Drill Core	1.60	0.112	18.8	8	0.73	94	0.058	9.88	2.743	2.48	0.7	41.5	38	0.8	8.2	1.8	0.1	2	5
1046403	Drill Core	1.40	0.102	18.0	3	0.68	101	0.044	7.24	1.720	2.48	0.7	33.2	37	0.7	8.0	1.3	0.1	1	3
1046404	Drill Core	1.41	0.094	15.6	5	0.67	76	0.046	7.25	1.656	2.45	0.8	33.7	33	0.6	7.7	1.4	0.1	2	3
1046405	Drill Core	1.83	0.094	18.2	3	0.63	140	0.041	7.01	1.921	2.45	0.6	34.9	34	0.8	6.4	1.2	<0.1	2	3
1046406	Drill Core	1.32	0.098	31.5	7	0.64	73	0.053	8.67	2.971	2.44	0.5	40.0	58	0.6	8.5	1.5	0.1	2	5
1046407	Drill Core	1.26	0.133	15.0	11	1.13	48	0.070	8.32	2.627	2.38	0.3	54.1	33	0.7	11.4	0.9	<0.1	2	9
1046408	Rock	37.53	0.003	0.4	<1	1.87	8	0.002	0.05	0.012	<0.01	<0.1	0.6	<1	<0.1	0.3	0.2	<0.1	<1	<1
1046409	Drill Core	2.14	0.118	13.1	9	0.94	108	0.060	7.34	1.538	2.69	0.5	48.4	30	0.8	8.8	0.9	<0.1	1	7
1046410	Drill Core	1.05	0.097	18.6	5	0.73	273	0.052	6.94	1.978	2.69	0.6	35.5	37	0.8	7.2	1.3	0.1	1	4
1046411	Drill Core	1.33	0.096	18.7	4	0.64	123	0.061	8.48	2.110	2.86	0.5	37.6	38	0.9	7.2	1.6	0.1	2	4
1046412	Drill Core	1.51	0.101	22.9	6	0.63	200	0.059	9.51	2.163	3.29	0.5	35.2	46	1.0	8.4	1.6	0.1	2	4
1046413	Drill Core	1.42	0.092	18.8	5	0.76	162	0.052	7.00	1.998	2.77	0.7	30.8	36	1.0	6.5	1.5	0.1	2	3
1046414	Drill Core	1.79	0.087	20.7	2	0.64	374	0.067	7.37	2.755	2.56	0.5	28.0	40	0.6	7.4	1.7	0.1	<1	3
1046415	Drill Core	2.28	0.088	15.4	5	0.58	328	0.093	7.24	2.483	2.54	0.5	27.9	32	0.7	7.9	1.9	0.1	1	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046386	Drill Core	2.2	54.1	0.9
1046387	Drill Core	2.5	51.0	0.9
1046388	Drill Core	1.2	37.2	1.4
1046389	Drill Core	2.1	33.0	1.3
1046390	Drill Core	2.0	24.4	1.3
1046391	Drill Core	2.0	48.1	1.4
1046392	Drill Core	2.0	46.3	1.2
1046393	Drill Core	1.8	53.9	1.1
1046394	Drill Core	2.1	49.8	1.0
1046395	Rock Pulp	2.1	90.0	0.7
1046396	Drill Core	1.8	49.2	1.0
1046397	Drill Core	2.0	38.5	1.1
1046398	Drill Core	2.1	52.9	1.3
1046399	Drill Core	2.3	46.1	1.2
1046400	Drill Core	2.6	57.3	1.2
1046401	Drill Core	1.9	50.8	1.1
1046402	Drill Core	2.1	53.5	1.4
1046403	Drill Core	1.8	57.5	1.0
1046404	Drill Core	1.9	54.3	1.0
1046405	Drill Core	1.9	49.5	1.1
1046406	Drill Core	2.2	53.8	1.2
1046407	Drill Core	2.8	53.1	1.5
1046408	Rock	<0.1	<0.1	<0.1
1046409	Drill Core	2.7	60.1	1.4
1046410	Drill Core	1.9	51.7	1.2
1046411	Drill Core	2.2	61.7	1.2
1046412	Drill Core	1.4	69.9	1.2
1046413	Drill Core	1.4	59.7	1.0
1046414	Drill Core	1.0	48.1	0.8
1046415	Drill Core	1.1	47.8	1.0



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	1
1046416	Rock Pulp	0.14	0.424	154.1	3814	29.0	73	2.5	41.1	21.3	406	4.71	50	1.1	0.5	2.2	210	0.5	4.0	0.5
1046417	Drill Core	7.33	0.020	49.1	1104	12.4	32	0.3	3.6	17.4	142	2.04	15	1.7	<0.1	4.4	311	0.1	0.4	0.2
1046418	Drill Core	7.69	0.034	216.3	1559	15.1	38	0.5	5.5	15.2	191	1.94	13	1.8	<0.1	4.9	351	<0.1	0.4	0.2
1046419	Drill Core	6.55	0.027	124.1	1389	14.6	35	0.4	4.1	12.5	197	1.81	23	1.6	<0.1	4.4	342	<0.1	0.4	0.2
1046420	Drill Core	5.94	0.022	63.1	1483	21.7	116	0.5	4.3	15.7	295	2.29	187	1.8	<0.1	4.5	450	0.4	1.0	0.2
1046421	Drill Core	5.90	0.018	52.9	1355	13.5	37	0.5	4.7	15.6	220	1.95	2	1.8	<0.1	4.8	367	0.3	0.3	0.1
1046422	Drill Core	6.52	0.030	69.8	2040	14.6	40	0.4	4.8	13.2	158	1.76	1	1.1	<0.1	2.6	284	0.3	0.1	0.1
1046423	Drill Core	6.70	0.032	65.6	1477	11.8	36	0.5	4.4	14.6	222	1.97	<1	1.7	<0.1	4.2	314	0.4	0.3	0.1
1046424	Rock	0.67	<0.005	0.3	8.5	<0.1	2	<0.1	0.7	<0.2	32	0.08	11	1.4	<0.1	<0.1	3864	0.1	<0.1	<0.1
1046425	Drill Core	6.51	0.024	86.0	1190	11.3	34	0.4	3.5	11.1	161	1.67	<1	1.3	<0.1	3.6	231	0.2	0.1	0.1
1046426	Drill Core	6.62	0.032	83.3	2021	15.4	45	0.6	5.5	18.4	164	2.40	2	2.0	<0.1	5.1	339	0.3	0.2	0.2
1046427	Drill Core	4.42	0.019	97.0	1156	21.0	69	0.3	4.0	12.3	247	2.04	9	1.2	<0.1	3.8	401	0.3	0.2	0.1
1046428	Drill Core	6.59	0.031	234.9	1913	13.7	36	0.5	6.2	14.9	212	1.98	47	1.9	<0.1	4.7	353	0.2	1.3	0.1
1046429	Drill Core	5.28	0.047	324.7	2224	17.1	43	0.7	5.2	15.5	246	2.15	15	2.1	<0.1	5.2	421	<0.1	0.3	0.2
1046430	Rock Pulp	0.16	0.008	663.6	126.8	15.4	90	0.2	16.8	6.3	633	2.84	2	3.1	<0.1	5.7	291	<0.1	0.7	0.7
1046431	Drill Core	6.70	0.031	74.9	1399	11.4	44	0.4	5.8	20.3	245	2.60	220	1.8	<0.1	4.9	662	0.3	8.0	0.2
1046432	Drill Core	6.98	0.040	89.9	1952	12.8	43	0.5	5.8	16.1	281	2.20	209	1.7	0.1	4.3	583	<0.1	8.4	0.2
1046433	Drill Core	5.34	0.039	133.8	1814	16.9	40	0.5	3.8	10.7	181	1.53	103	1.7	<0.1	4.3	527	0.1	1.0	0.1
1046434	Drill Core	6.03	0.025	86.8	1435	15.5	54	0.5	3.6	14.3	218	2.27	2	1.1	<0.1	3.7	316	0.3	<0.1	0.1
1046435	Drill Core	5.60	0.025	75.4	1345	14.8	51	0.4	4.4	10.0	228	1.88	<1	1.2	<0.1	3.7	333	0.2	0.1	0.1
1046436	Drill Core	2.52	0.029	89.3	1413	14.6	49	0.5	4.1	12.9	214	1.86	1	1.2	<0.1	3.0	280	0.3	<0.1	<0.1
1046437	Drill Core	3.10	0.025	103.5	1271	14.5	45	0.4	5.4	11.3	196	1.81	1	1.2	<0.1	3.6	296	0.3	0.1	0.1
1046438	Drill Core	5.72	0.035	82.2	1938	16.8	50	0.6	4.3	16.9	214	2.25	2	1.6	<0.1	4.7	359	0.3	0.1	0.2
1046439	Drill Core	5.36	0.016	69.5	1015	14.7	57	0.4	5.6	15.2	312	2.64	3	1.7	<0.1	4.0	498	0.3	0.1	<0.1
1046440	Drill Core	6.77	0.027	195.4	1708	15.9	45	0.5	3.7	8.5	174	1.49	41	1.8	<0.1	5.4	683	0.2	1.2	<0.1
1046441	Drill Core	6.99	0.038	93.5	1676	66.8	221	1.9	4.5	12.6	275	1.98	295	1.6	<0.1	4.3	486	1.5	23.5	0.1
1046442	Drill Core	6.86	0.055	119.2	2412	16.1	53	0.8	5.2	14.9	225	2.06	89	1.8	<0.1	5.4	397	0.4	2.1	0.1
1046443	Drill Core	6.12	0.027	54.5	1307	14.0	47	0.4	4.1	11.3	201	1.91	2	1.0	<0.1	3.1	340	0.3	0.2	<0.1
1046444	Drill Core	4.73	0.050	70.9	2373	14.2	42	0.7	5.0	13.2	185	1.91	<1	1.4	<0.1	4.5	392	0.2	0.1	0.1
1046445	Drill Core	6.58	0.054	88.9	2490	12.6	36	1.0	6.2	17.9	259	2.00	2	1.7	<0.1	3.8	443	<0.1	0.5	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046416	Rock Pulp	0.31	0.110	13.3	67	1.06	214	0.269	5.89	1.530	3.50	13.8	25.6	26	2.1	8.7	2.7	0.1	2	14
1046417	Drill Core	2.35	0.092	16.5	4	0.59	329	0.082	7.34	2.252	2.53	0.4	27.8	33	0.6	8.5	1.8	0.1	1	4
1046418	Drill Core	1.96	0.096	20.7	4	0.61	436	0.084	8.67	2.636	3.05	0.5	29.9	42	0.8	8.7	2.0	0.1	1	4
1046419	Drill Core	1.65	0.088	18.2	3	0.58	988	0.102	7.05	2.555	2.89	0.5	28.0	36	0.8	7.8	2.3	0.2	2	4
1046420	Drill Core	1.76	0.089	16.0	5	0.63	708	0.099	7.28	1.635	2.77	1.0	28.7	32	1.1	7.7	2.5	0.2	1	4
1046421	Drill Core	1.68	0.092	17.8	4	0.61	460	0.103	7.98	3.072	2.66	0.7	29.9	37	0.8	8.8	2.3	0.2	2	4
1046422	Drill Core	0.89	0.084	7.7	7	0.58	982	0.116	5.49	4.073	2.46	0.5	26.7	17	1.0	4.7	3.0	0.2	1	3
1046423	Drill Core	1.24	0.098	13.5	4	0.68	711	0.111	8.25	3.641	2.70	0.6	30.9	30	1.0	7.7	2.8	0.2	2	4
1046424	Rock	37.30	0.004	0.1	2	1.67	8	0.001	0.06	0.011	<0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1046425	Drill Core	0.71	0.084	11.2	4	0.63	596	0.086	5.59	3.441	2.95	0.5	27.2	24	0.7	6.0	2.1	0.1	1	3
1046426	Drill Core	1.32	0.115	21.5	7	0.70	353	0.080	10.19	3.200	3.09	0.6	37.8	44	1.1	9.0	2.2	0.2	1	5
1046427	Drill Core	1.62	0.102	11.3	5	0.70	765	0.128	9.45	3.612	2.58	0.6	28.7	25	0.9	7.0	3.3	0.2	2	5
1046428	Drill Core	1.95	0.093	18.9	5	0.57	543	0.098	6.89	2.904	2.63	0.7	25.5	37	1.1	9.2	2.2	0.1	1	4
1046429	Drill Core	1.61	0.100	19.8	5	0.64	475	0.111	9.41	3.118	2.93	0.6	26.7	39	1.0	8.3	2.2	0.2	2	5
1046430	Rock Pulp	1.61	0.086	24.1	23	0.57	898	0.241	6.95	1.991	3.60	6.1	22.5	50	6.9	12.1	11.8	0.7	3	5
1046431	Drill Core	1.50	0.092	20.6	7	0.64	328	0.087	8.92	1.425	3.03	0.7	32.2	42	1.3	7.4	1.9	0.1	2	5
1046432	Drill Core	1.49	0.087	20.1	5	0.71	884	0.083	6.71	1.207	3.03	0.6	29.6	40	0.9	6.3	2.3	0.1	1	3
1046433	Drill Core	1.09	0.081	20.2	5	0.58	611	0.067	6.46	1.989	2.98	0.5	23.6	39	0.8	5.8	1.7	0.1	2	3
1046434	Drill Core	0.84	0.090	11.0	5	0.63	475	0.092	6.12	3.393	2.60	0.4	25.0	24	0.8	6.1	2.5	0.2	1	3
1046435	Drill Core	0.93	0.100	11.4	7	0.63	1142	0.121	6.37	3.516	2.91	0.5	26.0	24	0.9	7.2	2.7	0.2	2	4
1046436	Drill Core	0.71	0.089	9.4	5	0.60	943	0.106	5.63	3.522	2.80	0.5	26.8	20	0.9	5.5	2.5	0.2	1	3
1046437	Drill Core	0.66	0.090	10.5	6	0.60	676	0.088	6.14	3.353	3.03	0.4	25.9	22	0.9	6.4	2.2	0.1	1	3
1046438	Drill Core	1.09	0.107	15.3	5	0.64	668	0.098	9.02	3.194	3.05	0.7	30.3	31	1.0	8.3	2.4	0.2	2	4
1046439	Drill Core	1.66	0.111	14.3	8	0.80	963	0.200	6.89	2.803	2.82	0.5	41.4	30	0.8	7.7	3.4	0.2	2	5
1046440	Drill Core	1.54	0.090	24.6	4	0.60	1398	0.129	8.29	2.525	3.29	0.5	23.6	46	1.0	8.4	2.5	0.2	1	4
1046441	Drill Core	1.74	0.094	16.4	5	0.73	629	0.105	7.01	1.960	2.69	0.6	23.8	34	0.9	7.3	2.1	0.2	1	3
1046442	Drill Core	1.65	0.105	21.6	6	0.59	546	0.104	9.63	2.576	3.23	0.6	28.6	44	1.1	9.2	2.4	0.1	2	5
1046443	Drill Core	0.99	0.087	8.6	6	0.59	542	0.104	6.34	3.701	2.53	0.4	24.1	19	0.8	5.7	2.8	0.2	1	3
1046444	Drill Core	1.68	0.085	16.5	4	0.57	989	0.097	6.80	2.926	2.95	0.4	24.4	33	1.1	8.2	2.3	0.2	1	3
1046445	Drill Core	2.21	0.093	20.8	6	0.50	809	0.089	6.56	1.971	3.20	0.6	22.0	40	0.9	7.8	2.2	0.2	1	3



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Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method	1EX	1EX	1EX
Analyte	S	Rb	Hf	
Unit	%	ppm	ppm	
MDL	0.1	0.1	0.1	
1046416	Rock Pulp	2.1	99.5	0.6
1046417	Drill Core	1.2	48.7	0.9
1046418	Drill Core	1.0	63.3	0.9
1046419	Drill Core	0.9	57.7	0.9
1046420	Drill Core	1.2	62.9	1.0
1046421	Drill Core	1.1	59.9	1.0
1046422	Drill Core	0.9	25.9	0.9
1046423	Drill Core	1.0	48.7	1.1
1046424	Rock	<0.1	0.2	<0.1
1046425	Drill Core	0.9	42.4	0.9
1046426	Drill Core	1.4	64.6	1.3
1046427	Drill Core	1.0	41.8	1.0
1046428	Drill Core	1.1	53.6	1.0
1046429	Drill Core	1.1	63.7	1.0
1046430	Rock Pulp	0.3	115.7	1.0
1046431	Drill Core	1.6	72.6	1.0
1046432	Drill Core	1.2	62.0	1.1
1046433	Drill Core	1.0	53.9	0.9
1046434	Drill Core	1.2	39.8	1.0
1046435	Drill Core	0.9	44.8	0.9
1046436	Drill Core	1.0	39.4	1.0
1046437	Drill Core	1.0	48.3	1.0
1046438	Drill Core	1.1	59.7	1.2
1046439	Drill Core	0.9	58.8	1.3
1046440	Drill Core	0.6	71.2	1.0
1046441	Drill Core	1.1	57.6	1.0
1046442	Drill Core	1.1	71.0	1.1
1046443	Drill Core	1.0	33.2	0.8
1046444	Drill Core	0.9	53.8	0.8
1046445	Drill Core	1.0	55.5	0.8



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Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046446	Rock	0.49	<0.005	0.5	8.4	<0.1	1	<0.1	0.6	0.4	29	0.12	9	1.5	<0.1	<0.1	3900	<0.1	<0.1	<0.1
1046447	Drill Core	6.14	0.053	109.1	2825	13.6	40	0.8	4.9	15.6	189	2.31	65	1.5	<0.1	4.3	292	0.1	4.0	<0.1
1046448	Drill Core	6.49	0.059	138.6	3020	12.8	37	0.8	4.3	10.4	169	1.51	6	1.7	<0.1	4.7	346	0.2	0.5	0.1
1046449	Drill Core	6.48	0.056	115.4	3116	10.6	33	0.9	4.0	13.5	204	1.99	3	1.6	<0.1	4.9	327	0.2	0.4	0.1
1046450	Drill Core	7.64	0.059	71.1	2223	11.8	40	0.6	4.8	12.5	164	2.16	1	1.5	<0.1	4.1	401	0.1	0.2	0.1
1046501	Drill Core	2.68	0.047	66.7	1904	12.2	39	0.6	3.6	10.8	165	1.98	<1	1.5	<0.1	4.3	405	0.1	0.1	0.1
1046502	Drill Core	6.59	0.045	77.7	2039	14.5	39	0.6	4.5	12.4	163	1.93	31	1.5	<0.1	4.6	564	<0.1	<0.1	0.1
1046503	Drill Core	6.40	0.080	515.1	3174	19.7	111	1.0	5.1	12.1	216	2.20	594	1.8	0.1	3.7	592	<0.1	10.2	<0.1
1046504	Rock Pulp	0.11	1.003	367.7	3346	25.9	65	2.0	34.3	9.9	576	3.87	16	0.8	0.6	1.8	222	<0.1	5.3	0.5
1046505	Drill Core	7.64	0.062	79.7	2386	12.3	41	0.6	3.8	11.3	182	1.75	134	1.3	<0.1	3.7	505	<0.1	1.4	0.1
1046506	Drill Core	7.16	0.081	135.0	3277	16.9	41	0.9	6.7	12.3	213	1.63	202	1.9	0.2	5.3	737	<0.1	1.9	<0.1
1046507	Drill Core	6.87	0.108	139.0	4546	10.5	52	0.9	5.5	13.0	222	1.82	175	1.5	<0.1	4.3	552	0.3	3.6	0.1
1046508	Drill Core	7.10	0.069	136.9	2806	20.3	93	0.8	7.1	14.5	261	1.79	214	1.6	<0.1	5.1	670	0.6	4.0	0.1
1046509	Drill Core	10.10	0.065	130.3	3330	9.3	78	1.0	6.9	21.4	251	2.83	179	1.6	<0.1	3.6	525	0.4	3.3	0.1
1046510	Drill Core	4.36	0.083	190.0	4137	7.1	58	0.9	8.3	23.0	303	2.39	155	1.2	<0.1	3.1	677	0.2	2.5	0.1
1046511	Drill Core	5.61	0.090	136.8	3640	9.8	171	1.3	7.8	22.4	370	2.57	466	1.3	<0.1	3.0	820	0.7	16.1	<0.1
1046512	Drill Core	3.84	0.038	185.8	1667	50.5	162	1.3	9.7	16.3	891	2.23	117	1.1	<0.1	3.2	376	1.1	5.3	<0.1
1046513	Drill Core	5.52	0.066	357.0	2520	31.7	104	1.4	10.7	14.3	475	2.20	306	1.2	0.2	2.9	589	0.5	8.2	0.1
1046514	Drill Core	5.25	0.046	140.2	2325	117.0	316	2.8	9.9	14.6	3120	2.49	293	1.1	<0.1	2.9	445	1.7	18.6	0.2
1046515	Drill Core	2.58	0.047	124.8	2334	106.3	378	2.7	10.9	13.9	2866	2.44	280	1.1	<0.1	2.8	408	2.6	19.5	0.1
1046516	Drill Core	6.95	0.040	84.7	2063	41.2	120	1.2	10.1	19.0	763	2.82	301	1.1	<0.1	2.9	345	0.5	5.0	0.3
1046517	Drill Core	2.98	0.049	117.2	2152	12.5	45	0.6	14.2	18.7	217	2.37	246	1.0	<0.1	2.7	374	0.2	0.3	0.1
1046518	Drill Core	6.64	0.020	97.1	1010	10.4	41	0.2	49.9	11.0	214	1.65	181	1.6	<0.1	5.7	588	0.2	7.9	0.2
1046519	Rock	0.45	<0.005	0.3	6.2	<0.1	<1	<0.1	0.9	<0.2	31	<0.01	22	1.6	<0.1	<0.1	4468	<0.1	0.1	<0.1
1046520	Drill Core	5.17	0.041	129.5	2120	22.8	63	0.6	59.9	18.3	269	2.08	577	1.5	<0.1	5.3	650	0.3	27.2	0.2
1046521	Drill Core	6.62	0.058	190.7	2023	59.8	141	0.7	9.5	9.8	259	1.47	666	1.8	0.2	4.9	1112	0.8	32.2	0.1
1046522	Drill Core	6.68	0.058	113.9	2845	16.0	48	0.8	6.0	13.4	204	1.86	369	1.5	0.2	3.9	806	<0.1	1.5	0.1
1046523	Drill Core	6.93	0.047	131.1	2303	25.6	64	0.9	4.5	14.2	244	1.65	354	1.4	<0.1	3.3	560	<0.1	3.5	0.1
1046524	Drill Core	6.03	0.068	119.4	2572	10.1	29	0.5	4.4	14.6	164	1.70	28	1.3	<0.1	4.0	314	<0.1	0.4	0.1
1046525	Drill Core	3.65	0.065	161.6	2632	10.1	28	0.6	3.4	13.4	160	1.60	27	1.4	<0.1	4.0	340	<0.1	0.4	0.1



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Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046446	Rock	36.71	0.005	0.2	<1	1.79	7	<0.001	0.06	0.006	<0.01	<0.1	0.2	<1	<0.1	0.2	0.1	<0.1	<1	<1
1046447	Drill Core	2.39	0.092	16.4	5	0.47	629	0.082	7.11	2.239	2.90	0.5	25.1	34	1.0	7.4	2.2	0.1	2	4
1046448	Drill Core	1.43	0.082	20.3	3	0.59	854	0.072	6.93	2.413	2.98	0.4	23.1	40	1.0	7.1	2.0	0.1	1	3
1046449	Drill Core	1.84	0.080	24.6	5	0.60	558	0.080	6.94	2.301	2.99	0.3	24.5	46	1.1	7.9	2.1	0.2	2	3
1046450	Drill Core	1.64	0.087	15.6	4	0.59	233	0.087	6.97	2.927	3.14	0.4	25.8	32	1.0	7.9	2.4	0.2	1	3
1046501	Drill Core	1.63	0.087	16.3	5	0.58	318	0.085	6.61	2.878	3.17	0.4	25.4	33	0.9	7.8	2.4	0.2	<1	3
1046502	Drill Core	1.52	0.087	17.1	5	0.54	339	0.093	7.00	2.773	3.09	0.5	26.4	34	0.9	7.0	2.3	0.1	1	4
1046503	Drill Core	1.82	0.093	26.6	7	0.60	450	0.051	6.31	1.020	3.24	0.6	21.6	50	1.1	8.1	1.2	<0.1	1	3
1046504	Rock Pulp	1.64	0.057	6.9	46	0.86	553	0.271	4.93	2.176	0.93	1.6	39.4	15	2.5	11.3	3.9	0.3	<1	10
1046505	Drill Core	1.44	0.088	12.9	5	0.68	1155	0.075	6.26	1.528	2.75	0.4	29.2	27	0.9	4.7	2.0	0.1	1	3
1046506	Drill Core	1.62	0.108	29.3	4	0.64	1484	0.080	9.58	1.762	3.06	0.7	34.7	58	1.6	7.2	2.3	0.2	2	5
1046507	Drill Core	1.31	0.087	19.0	4	0.62	1013	0.082	6.18	2.222	2.78	0.5	28.4	39	1.3	5.8	2.2	0.1	1	4
1046508	Drill Core	1.68	0.096	22.1	4	0.55	1428	0.125	9.03	2.244	2.69	0.7	32.0	44	1.1	7.5	2.8	0.2	1	6
1046509	Drill Core	1.73	0.147	14.4	4	0.71	735	0.221	6.86	1.516	2.44	7.4	40.1	31	1.4	8.6	3.1	0.2	1	8
1046510	Drill Core	1.90	0.137	11.9	4	0.59	650	0.214	6.58	2.185	2.23	12.4	36.6	27	1.3	6.8	3.6	0.2	<1	7
1046511	Drill Core	1.95	0.143	14.7	4	0.65	821	0.200	6.49	1.895	2.20	21.7	36.1	32	1.0	7.5	3.0	0.2	1	7
1046512	Drill Core	2.59	0.095	13.8	11	1.16	714	0.112	6.31	0.066	2.39	0.8	26.4	29	0.8	6.8	1.7	0.1	1	6
1046513	Drill Core	2.20	0.097	12.7	12	0.99	831	0.120	6.44	0.078	2.44	1.6	27.3	26	1.1	5.5	1.9	0.1	1	7
1046514	Drill Core	2.77	0.107	11.6	10	0.85	860	0.138	6.01	0.061	2.36	1.6	31.1	25	1.1	6.1	2.1	0.1	1	6
1046515	Drill Core	2.75	0.105	9.8	11	0.86	857	0.155	6.00	0.058	2.36	1.8	31.0	22	1.1	6.0	2.6	0.2	1	6
1046516	Drill Core	2.48	0.104	10.9	10	0.95	774	0.158	6.15	0.374	2.37	1.5	34.7	24	1.2	6.3	3.0	0.2	2	6
1046517	Drill Core	2.04	0.106	5.5	14	0.83	744	0.128	5.98	1.615	2.44	0.7	38.2	13	0.9	5.5	2.5	0.2	1	6
1046518	Drill Core	1.81	0.060	20.8	55	0.89	762	0.150	7.92	0.276	2.59	0.7	28.3	42	0.9	8.3	2.2	0.2	2	13
1046519	Rock	38.86	0.004	0.4	<1	1.93	6	0.001	0.04	0.004	<0.01	<0.1	0.3	<1	<0.1	0.2	0.1	<0.1	<1	<1
1046520	Drill Core	1.50	0.060	20.2	57	0.84	826	0.152	7.47	0.131	2.83	0.6	27.8	40	1.1	7.3	2.0	0.1	3	13
1046521	Drill Core	1.69	0.075	32.6	3	0.76	799	0.078	7.42	0.077	2.33	1.0	40.3	60	0.8	7.6	2.1	0.2	2	4
1046522	Drill Core	1.57	0.083	12.3	2	0.71	1003	0.078	6.80	0.360	2.51	0.6	44.6	27	0.9	4.8	2.4	0.1	1	4
1046523	Drill Core	2.17	0.077	10.7	2	0.66	1261	0.078	6.15	0.548	2.49	0.6	40.2	24	0.6	4.9	2.3	0.1	1	3
1046524	Drill Core	1.75	0.079	14.1	1	0.59	886	0.075	6.34	1.654	2.89	0.6	42.3	30	1.1	5.8	2.1	0.2	1	3
1046525	Drill Core	1.85	0.077	15.4	3	0.58	931	0.071	6.51	1.639	2.87	0.5	37.6	32	1.2	6.2	1.9	0.1	2	4



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
Analyte	S	Rb	Hf	
Unit	%	ppm	ppm	
MDL	0.1	0.1	0.1	
1046446	Rock	<0.1	0.2	<0.1
1046447	Drill Core	1.3	52.1	0.8
1046448	Drill Core	0.9	56.0	0.9
1046449	Drill Core	1.3	57.3	0.7
1046450	Drill Core	1.7	55.8	0.9
1046501	Drill Core	1.6	57.4	0.9
1046502	Drill Core	1.4	56.6	1.0
1046503	Drill Core	1.5	59.0	0.8
1046504	Rock Pulp	0.3	19.1	1.1
1046505	Drill Core	1.0	43.0	1.0
1046506	Drill Core	0.9	66.8	1.1
1046507	Drill Core	1.1	51.7	0.7
1046508	Drill Core	0.9	58.3	0.9
1046509	Drill Core	1.4	51.7	1.2
1046510	Drill Core	1.1	35.6	0.9
1046511	Drill Core	1.1	34.5	1.0
1046512	Drill Core	1.1	29.5	0.7
1046513	Drill Core	1.1	29.7	0.8
1046514	Drill Core	1.1	32.3	0.8
1046515	Drill Core	1.1	33.5	0.9
1046516	Drill Core	1.2	32.8	1.0
1046517	Drill Core	1.2	31.1	1.1
1046518	Drill Core	0.8	52.3	0.8
1046519	Rock	<0.1	<0.1	<0.1
1046520	Drill Core	1.0	58.7	0.8
1046521	Drill Core	0.6	47.9	1.1
1046522	Drill Core	1.0	37.7	1.3
1046523	Drill Core	0.8	31.8	1.2
1046524	Drill Core	1.1	44.5	1.1
1046525	Drill Core	1.0	43.3	1.0



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046526	Drill Core	6.90	0.106	182.7	3609	11.2	36	0.7	4.3	13.1	138	1.77	9	1.6	<0.1	4.6	263	0.1	0.3	0.1
1046527	Drill Core	5.31	0.071	224.3	2709	11.7	35	0.5	4.3	11.4	122	1.83	7	1.4	<0.1	4.4	226	<0.1	0.1	0.1
1046528	Rock	0.56	<0.005	0.4	7.7	0.2	1	<0.1	0.4	0.3	28	0.07	11	1.6	<0.1	<0.1	3998	<0.1	<0.1	<0.1
1046529	Drill Core	8.08	0.056	216.7	2982	31.2	64	0.9	4.4	13.4	187	1.64	9	1.5	<0.1	4.6	211	0.3	3.9	0.1
1046530	Drill Core	5.61	0.061	126.4	3032	14.8	38	0.8	3.7	13.3	135	1.79	3	1.4	<0.1	4.2	218	0.1	0.3	0.1
1046531	Drill Core	5.38	0.093	104.1	3979	15.9	42	1.2	5.4	17.5	138	1.95	15	1.9	<0.1	5.3	300	0.1	0.5	0.1
1046532	Drill Core	5.48	0.096	360.7	4365	17.9	66	1.2	4.5	12.0	129	1.53	31	1.4	<0.1	4.4	282	<0.1	0.7	0.2
1046533	Drill Core	4.40	0.068	117.5	3173	32.5	48	0.9	4.4	14.2	155	1.75	5	1.8	<0.1	5.3	345	<0.1	0.3	0.2
1046534	Rock Pulp	0.16	1.086	366.2	3375	25.9	67	1.9	35.4	10.4	576	3.76	13	0.8	1.5	1.9	222	<0.1	4.7	0.6
1046535	Drill Core	6.64	0.069	145.7	3075	20.5	56	1.2	4.7	13.6	166	1.59	4	2.0	<0.1	5.4	317	<0.1	0.3	0.2
1046536	Drill Core	5.22	0.073	149.2	3381	9.3	34	0.8	11.1	20.3	142	2.04	2	1.5	<0.1	3.0	191	<0.1	0.2	0.2
1046537	Drill Core	5.88	0.077	186.9	2558	9.1	33	0.6	6.8	15.4	155	1.73	2	1.6	<0.1	4.2	231	<0.1	0.2	0.1
1046538	Drill Core	6.23	0.041	135.6	1918	12.1	43	0.5	3.5	10.6	140	1.42	4	1.3	<0.1	4.4	245	0.1	<0.1	0.1
1046539	Drill Core	5.86	0.041	93.6	2082	13.4	39	0.6	3.3	12.5	166	1.74	3	2.0	<0.1	6.5	286	0.1	0.2	0.2
1046540	Drill Core	5.59	0.068	102.8	3440	14.5	41	0.9	4.6	15.3	194	1.95	2	2.2	<0.1	6.3	331	0.2	0.1	0.1
1046541	Drill Core	5.57	0.061	77.4	2985	12.3	32	0.9	3.9	17.9	151	1.86	1	2.0	<0.1	5.3	267	0.2	0.2	0.2
1046542	Drill Core	6.24	0.063	62.1	3171	9.7	28	0.9	4.6	20.8	170	2.24	1	2.0	<0.1	5.5	368	<0.1	0.3	0.1
1046543	Drill Core	6.61	0.046	102.6	2043	12.4	33	0.7	3.3	15.1	172	2.06	3	1.6	<0.1	5.4	424	0.2	1.0	0.1
1046544	Drill Core	6.43	0.073	146.1	2783	15.1	40	0.9	5.4	18.2	152	1.97	6	1.2	0.1	4.0	481	<0.1	0.6	0.1
1046545	Drill Core	3.86	0.067	128.4	2528	13.9	37	0.8	4.7	17.4	146	1.97	5	1.2	<0.1	4.1	437	<0.1	0.7	0.2
1046546	Drill Core	7.69	0.058	117.6	2912	9.0	21	0.8	5.4	20.3	147	2.01	9	1.4	0.1	4.0	404	<0.1	0.4	0.1
1046547	Drill Core	6.98	0.049	245.1	2377	38.4	134	1.3	4.4	20.8	196	2.28	113	1.2	<0.1	3.5	419	0.8	5.6	0.2
1046548	Drill Core	7.51	0.056	169.4	2999	290.3	643	3.1	4.7	26.4	365	2.74	35	1.3	<0.1	3.7	480	4.7	21.4	0.2
1046549	Rock	0.53	<0.005	0.9	8.2	1.2	3	<0.1	<0.1	0.6	24	0.11	11	1.3	<0.1	<0.1	3846	<0.1	0.2	<0.1
1046550	Drill Core	7.28	0.028	67.0	1575	40.1	104	0.8	3.8	21.5	227	2.79	5	1.3	<0.1	4.1	481	0.6	0.5	0.2
1046551	Drill Core	6.94	0.027	102.9	1830	21.7	64	1.0	4.2	20.8	261	2.32	2	1.3	<0.1	4.2	498	0.2	0.4	0.2
1046552	Drill Core	7.79	0.033	116.7	2120	13.7	36	0.7	3.8	17.4	145	2.06	2	1.5	<0.1	4.1	402	0.2	0.3	0.2
1046553	Drill Core	6.38	0.024	64.0	1453	15.9	49	0.5	4.0	15.2	185	1.98	2	1.5	<0.1	4.5	427	0.2	0.1	0.1
1046554	Rock Pulp	0.16	0.351	142.7	3940	28.0	68	2.7	38.0	21.5	401	4.61	45	1.2	0.4	2.4	209	0.3	4.3	0.4
1046555	Drill Core	6.84	0.049	49.7	1522	12.3	38	0.5	4.3	14.6	161	1.95	3	1.6	<0.1	4.4	435	0.2	0.2	0.2



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Project: Poplar Drilling
Report Date: December 13, 2011

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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046526	Drill Core	1.39	0.089	19.2	2	0.59	718	0.070	6.60	2.198	2.88	0.5	43.1	40	1.6	7.2	2.0	0.1	1	3
1046527	Drill Core	1.88	0.082	21.0	2	0.64	1032	0.082	6.82	2.468	2.75	0.6	39.6	43	1.4	8.1	1.8	0.2	2	4
1046528	Rock	36.08	0.004	0.5	<1	1.84	9	0.001	0.07	0.006	<0.01	<0.1	0.6	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046529	Drill Core	1.61	0.093	20.1	3	0.58	862	0.076	6.59	2.081	2.76	1.1	41.2	41	1.5	7.8	1.7	0.1	2	3
1046530	Drill Core	1.48	0.086	15.4	2	0.58	1140	0.066	6.69	2.690	1.92	0.7	42.4	31	1.5	7.2	1.7	0.1	1	3
1046531	Drill Core	1.43	0.099	20.1	5	0.63	455	0.086	9.88	2.807	3.00	0.7	60.3	42	1.9	8.4	2.3	0.2	2	5
1046532	Drill Core	1.58	0.078	16.6	<1	0.56	813	0.065	6.26	2.566	2.84	0.5	32.8	34	1.4	7.2	1.5	0.1	2	3
1046533	Drill Core	1.68	0.111	19.2	4	0.68	787	0.092	11.20	3.178	3.02	0.5	40.9	39	1.9	8.9	2.1	0.2	2	6
1046534	Rock Pulp	1.62	0.057	7.9	43	0.84	578	0.282	4.95	2.137	0.94	1.5	40.1	17	2.4	11.8	3.9	0.2	2	10
1046535	Drill Core	1.42	0.112	19.8	1	0.65	1673	0.090	10.50	3.001	2.92	0.7	40.5	43	1.9	9.0	2.3	0.1	1	5
1046536	Drill Core	0.59	0.105	11.1	17	1.04	473	0.095	5.50	2.536	3.01	0.6	39.8	24	1.5	6.5	1.4	0.1	1	5
1046537	Drill Core	0.88	0.097	17.1	8	0.81	1027	0.088	6.08	2.751	2.83	0.9	36.3	35	0.9	7.4	1.5	0.1	1	4
1046538	Drill Core	1.45	0.084	14.7	1	0.60	695	0.066	6.30	2.881	2.54	0.5	26.9	31	0.7	6.7	1.5	<0.1	1	2
1046539	Drill Core	1.56	0.099	28.2	2	0.59	1702	0.069	7.98	3.076	2.92	0.5	29.3	50	0.9	9.5	2.5	0.1	1	4
1046540	Drill Core	1.10	0.094	28.4	4	0.62	1306	0.074	8.21	3.233	3.03	0.6	30.6	50	1.1	10.4	1.7	0.1	1	4
1046541	Drill Core	0.66	0.093	22.8	4	0.56	611	0.063	6.86	2.910	3.32	0.6	27.0	42	1.2	8.1	1.6	0.1	1	3
1046542	Drill Core	0.81	0.098	23.1	4	0.66	701	0.064	7.28	3.086	3.00	0.5	29.3	43	1.0	8.3	1.6	0.1	1	3
1046543	Drill Core	1.58	0.089	24.2	4	0.57	832	0.064	7.36	2.649	2.89	0.7	28.9	44	0.8	8.8	2.2	0.1	1	3
1046544	Drill Core	2.70	0.087	16.9	5	0.52	85	0.060	6.51	2.582	3.15	0.6	26.7	35	0.9	7.4	1.6	0.1	1	3
1046545	Drill Core	2.43	0.086	16.2	9	0.51	92	0.059	6.64	2.458	3.17	0.6	26.4	34	0.9	7.0	1.5	0.1	1	3
1046546	Drill Core	2.23	0.098	14.1	3	0.53	87	0.060	6.67	2.435	2.91	0.7	27.8	30	1.2	6.6	1.6	<0.1	1	3
1046547	Drill Core	3.83	0.088	16.7	4	0.59	112	0.055	6.20	1.351	2.72	1.4	28.1	35	2.0	7.2	1.6	0.1	1	3
1046548	Drill Core	2.77	0.093	14.8	4	0.53	72	0.064	6.35	1.434	3.16	1.0	30.1	32	1.5	7.1	1.9	0.1	1	3
1046549	Rock	35.43	0.005	0.3	<1	1.62	16	0.002	0.06	0.005	0.01	<0.1	0.4	<1	0.1	0.3	<0.1	<0.1	<1	<1
1046550	Drill Core	2.35	0.096	14.5	4	0.57	89	0.062	6.96	2.522	2.64	1.1	29.9	31	1.1	7.4	1.7	0.1	1	3
1046551	Drill Core	2.44	0.093	15.7	4	0.57	76	0.060	7.13	2.518	2.83	0.7	29.2	34	1.1	6.6	1.8	0.1	2	3
1046552	Drill Core	2.42	0.094	16.5	3	0.63	88	0.051	6.65	2.448	2.79	0.5	30.3	35	1.0	7.1	1.4	0.1	1	3
1046553	Drill Core	2.19	0.095	17.5	4	0.67	140	0.072	7.08	2.999	2.81	0.5	30.8	37	0.9	8.0	1.8	0.1	1	3
1046554	Rock Pulp	0.34	0.119	13.4	63	1.01	207	0.264	6.08	1.495	3.93	14.2	26.9	27	2.3	9.1	2.7	0.2	1	14
1046555	Drill Core	2.31	0.090	16.3	5	0.59	89	0.060	6.94	3.125	2.44	0.9	29.5	35	1.1	8.0	1.5	0.1	1	4



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CERTIFICATE OF ANALYSIS

SMI11000656.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046526	Drill Core	1.2	49.2	1.2
1046527	Drill Core	1.3	41.2	1.2
1046528	Rock	<0.1	0.2	<0.1
1046529	Drill Core	1.2	54.1	1.2
1046530	Drill Core	1.4	32.2	1.3
1046531	Drill Core	1.3	55.1	1.6
1046532	Drill Core	1.1	46.7	1.0
1046533	Drill Core	1.0	58.8	1.2
1046534	Rock Pulp	0.4	20.2	1.1
1046535	Drill Core	1.0	58.4	1.3
1046536	Drill Core	1.3	43.3	1.2
1046537	Drill Core	1.1	46.9	1.0
1046538	Drill Core	1.0	38.3	1.0
1046539	Drill Core	1.0	57.2	1.1
1046540	Drill Core	1.3	56.6	1.0
1046541	Drill Core	1.2	56.4	1.4
1046542	Drill Core	1.5	55.4	1.2
1046543	Drill Core	1.6	57.4	1.0
1046544	Drill Core	2.7	50.3	0.8
1046545	Drill Core	2.4	51.8	0.9
1046546	Drill Core	2.5	50.0	0.9
1046547	Drill Core	2.4	53.4	0.9
1046548	Drill Core	3.4	68.5	0.9
1046549	Rock	<0.1	0.3	<0.1
1046550	Drill Core	2.9	59.2	1.0
1046551	Drill Core	2.7	57.0	1.1
1046552	Drill Core	2.7	46.7	1.1
1046553	Drill Core	2.2	48.9	1.1
1046554	Rock Pulp	2.1	101.5	0.8
1046555	Drill Core	2.4	44.2	1.1



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Report Date: December 13, 2011

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QUALITY CONTROL REPORT

SMI11000656.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
REP 1046391	QC			31.6	853.9	17.4	49	0.3	4.2	21.3	148	2.74	1	1.8	<0.1	5.1	331	0.3	0.3	0.2	37
1046401	Drill Core	6.50	0.011	58.0	762.4	12.0	43	0.3	4.1	17.4	179	2.69	24	1.9	<0.1	4.1	355	<0.1	0.3	0.2	35
REP 1046401	QC		0.011																		
1046425	Drill Core	6.51	0.024	86.0	1190	11.3	34	0.4	3.5	11.1	161	1.67	<1	1.3	<0.1	3.6	231	0.2	0.1	0.1	40
REP 1046425	QC			88.6	1160	11.6	32	0.3	3.6	10.6	156	1.73	<1	1.4	<0.1	3.6	264	<0.1	0.2	0.1	38
1046442	Drill Core	6.86	0.055	119.2	2412	16.1	53	0.8	5.2	14.9	225	2.06	89	1.8	<0.1	5.4	397	0.4	2.1	0.1	43
REP 1046442	QC		0.050																		
1046516	Drill Core	6.95	0.040	84.7	2063	41.2	120	1.2	10.1	19.0	763	2.82	301	1.1	<0.1	2.9	345	0.5	5.0	0.3	78
REP 1046516	QC			92.1	2096	40.5	120	1.1	9.9	18.4	762	2.82	304	1.1	<0.1	2.8	329	0.4	5.1	0.3	78
1046522	Drill Core	6.68	0.058	113.9	2845	16.0	48	0.8	6.0	13.4	204	1.86	369	1.5	0.2	3.9	806	<0.1	1.5	0.1	46
REP 1046522	QC		0.058																		
Core Reject Duplicates																					
1046391	Drill Core	6.57	0.016	23.5	878.9	17.6	49	0.2	4.5	20.4	149	2.79	2	1.8	<0.1	5.0	349	0.3	0.4	0.2	38
DUP 1046391	QC		0.018	26.8	890.3	18.9	51	0.3	4.1	20.2	151	2.80	3	1.9	<0.1	5.0	340	0.3	0.5	0.2	38
1046426	Drill Core	6.62	0.032	83.3	2021	15.4	45	0.6	5.5	18.4	164	2.40	2	2.0	<0.1	5.1	339	0.3	0.2	0.2	42
DUP 1046426	QC		0.032	78.4	1938	14.6	39	0.6	5.3	18.7	159	2.34	<1	1.8	<0.1	4.9	327	0.2	0.2	0.1	41
1046511	Drill Core	5.61	0.090	136.8	3640	9.8	171	1.3	7.8	22.4	370	2.57	466	1.3	<0.1	3.0	820	0.7	16.1	<0.1	90
DUP 1046511	QC		0.117	159.0	3734	10.1	181	1.1	9.0	23.0	384	2.60	478	1.2	0.1	3.1	818	0.9	16.7	<0.1	88
1046546	Drill Core	7.69	0.058	117.6	2912	9.0	21	0.8	5.4	20.3	147	2.01	9	1.4	0.1	4.0	404	<0.1	0.4	0.1	39
DUP 1046546	QC		0.059	126.5	2948	9.2	23	0.9	5.1	22.3	149	2.15	10	1.4	<0.1	4.2	417	<0.1	0.3	0.1	40
Reference Materials																					
STD OREAS24P	Standard			1.6	55.8	3.0	109	<0.1	143.0	46.2	1140	7.28	3	0.7	<0.1	2.9	376	0.1	0.2	<0.1	159
STD OREAS24P	Standard			1.7	48.7	3.1	112	<0.1	134.1	43.8	1123	7.52	2	0.7	<0.1	2.8	358	0.1	0.1	<0.1	160
STD OREAS24P	Standard			1.4	50.2	2.9	115	<0.1	141.8	45.4	1073	7.44	<1	0.6	<0.1	2.6	373	0.3	<0.1	<0.1	168
STD OREAS24P	Standard			1.1	51.8	2.9	113	<0.1	140.3	43.3	1120	7.62	3	0.7	<0.1	2.7	375	0.1	0.1	<0.1	170
STD OREAS24P	Standard			1.6	52.7	3.0	125	<0.1	146.9	45.0	1155	7.57	6	0.8	<0.1	3.3	374	0.1	0.1	<0.1	161
STD OREAS45C	Standard			2.0	639.3	25.2	79	0.4	332.6	103.1	1201	16.59	12	2.3	<0.1	10.6	33	0.3	0.8	0.3	269
STD OREAS45C	Standard			2.1	603.2	24.0	84	0.3	334.0	97.0	1194	17.92	10	2.2	<0.1	10.0	31	0.3	0.9	0.2	274



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Project: Poplar Drilling

Report Date: December 13, 2011

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QUALITY CONTROL REPORT

SMI11000656.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP 1046391	QC	1.21	0.105	18.0	5	0.62	126	0.060	9.63	2.804	2.32	0.5	44.1	37	0.8	8.1	1.8	0.1	1	5	15.8
1046401	Drill Core	1.03	0.099	16.2	3	0.68	174	0.046	6.85	2.231	2.67	0.5	35.4	33	0.8	6.9	1.5	<0.1	1	3	18.5
REP 1046401																					
1046425	Drill Core	0.71	0.084	11.2	4	0.63	596	0.086	5.59	3.441	2.95	0.5	27.2	24	0.7	6.0	2.1	0.1	1	3	13.4
REP 1046425	QC	0.68	0.084	11.9	4	0.64	519	0.081	6.10	3.204	2.88	0.6	25.8	25	0.8	6.3	2.1	0.1	1	3	13.0
1046442	Drill Core	1.65	0.105	21.6	6	0.59	546	0.104	9.63	2.576	3.23	0.6	28.6	44	1.1	9.2	2.4	0.1	2	5	28.4
REP 1046442																					
1046516	Drill Core	2.48	0.104	10.9	10	0.95	774	0.158	6.15	0.374	2.37	1.5	34.7	24	1.2	6.3	3.0	0.2	2	6	207.3
REP 1046516	QC	2.53	0.102	9.8	9	0.95	756	0.165	6.07	0.366	2.32	1.7	35.5	21	1.2	5.9	3.0	0.2	1	6	206.2
1046522	Drill Core	1.57	0.083	12.3	2	0.71	1003	0.078	6.80	0.360	2.51	0.6	44.6	27	0.9	4.8	2.4	0.1	1	4	230.5
REP 1046522																					
Core Reject Duplicates																					
1046391	Drill Core	1.18	0.102	18.1	5	0.63	77	0.056	9.64	2.926	2.37	0.4	43.5	39	0.8	8.3	1.7	0.1	1	5	15.7
DUP 1046391	QC	1.14	0.104	17.8	6	0.63	79	0.053	9.33	2.973	2.39	0.3	42.5	36	0.8	8.4	1.7	0.1	2	5	16.4
1046426	Drill Core	1.32	0.115	21.5	7	0.70	353	0.080	10.19	3.200	3.09	0.6	37.8	44	1.1	9.0	2.2	0.2	1	5	18.5
DUP 1046426	QC	1.16	0.106	19.2	6	0.69	294	0.077	9.05	3.232	3.12	0.6	35.4	40	1.1	8.6	1.9	0.1	1	5	18.0
1046511	Drill Core	1.95	0.143	14.7	4	0.65	821	0.200	6.49	1.895	2.20	21.7	36.1	32	1.0	7.5	3.0	0.2	1	7	171.5
DUP 1046511	QC	1.95	0.134	15.7	5	0.67	992	0.211	6.56	1.854	2.38	21.6	38.7	33	1.2	7.9	3.5	0.2	<1	7	173.0
1046546	Drill Core	2.23	0.098	14.1	3	0.53	87	0.060	6.67	2.435	2.91	0.7	27.8	30	1.2	6.6	1.6	<0.1	1	3	12.1
DUP 1046546	QC	2.34	0.100	15.1	4	0.52	101	0.057	7.11	2.559	2.93	0.7	27.2	33	1.2	6.9	1.5	0.1	1	3	12.5
Reference Materials																					
STD OREAS24P	Standard	5.75	0.144	18.8	203	3.96	292	0.995	7.80	2.393	0.66	0.5	137.4	37	1.7	21.0	19.0	1.1	<1	20	8.1
STD OREAS24P	Standard	5.71	0.131	17.2	210	3.87	272	1.045	7.27	2.316	0.65	0.4	131.8	34	1.7	19.8	19.6	1.1	1	20	8.0
STD OREAS24P	Standard	5.58	0.131	17.9	221	4.11	267	1.029	7.59	2.447	0.64	0.4	134.1	35	1.7	21.8	19.3	1.0	1	20	7.5
STD OREAS24P	Standard	5.58	0.132	17.9	218	4.05	284	1.040	7.18	2.500	0.66	0.4	138.7	37	1.7	19.6	19.4	1.1	<1	19	6.9
STD OREAS24P	Standard	6.14	0.135	20.7	213	4.08	298	1.125	7.76	2.453	0.67	0.4	138.1	39	1.9	22.9	20.3	1.1	1	20	9.1
STD OREAS45C	Standard	0.49	0.057	26.4	945	0.25	293	1.119	7.51	0.104	0.35	1.1	165.5	52	3.0	11.8	21.7	1.4	<1	55	16.2
STD OREAS45C	Standard	0.45	0.052	23.7	916	0.27	272	1.197	7.24	0.093	0.35	1.1	164.0	46	2.9	11.3	22.1	1.4	1	58	15.5



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Project: Poplar Drilling

Report Date: December 13, 2011

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QUALITY CONTROL REPORT

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		Method	1EX	1EX	1EX
		Analyte	S	Rb	Hf
		Unit	%	ppm	ppm
		MDL	0.1	0.1	0.1
Pulp Duplicates					
REP 1046391	QC	2.0	45.4	1.4	
1046401	Drill Core	1.9	50.8	1.1	
REP 1046401	QC				
1046425	Drill Core	0.9	42.4	0.9	
REP 1046425	QC	0.9	42.6	0.8	
1046442	Drill Core	1.1	71.0	1.1	
REP 1046442	QC				
1046516	Drill Core	1.2	32.8	1.0	
REP 1046516	QC	1.3	30.2	0.9	
1046522	Drill Core	1.0	37.7	1.3	
REP 1046522	QC				
Core Reject Duplicates					
1046391	Drill Core	2.0	48.1	1.4	
DUP 1046391	QC	2.0	46.9	1.3	
1046426	Drill Core	1.4	64.6	1.3	
DUP 1046426	QC	1.4	61.8	1.2	
1046511	Drill Core	1.1	34.5	1.0	
DUP 1046511	QC	1.1	38.5	1.0	
1046546	Drill Core	2.5	50.0	0.9	
DUP 1046546	QC	2.6	52.8	1.0	
Reference Materials					
STD OREAS24P	Standard	<0.1	21.1	3.5	
STD OREAS24P	Standard	<0.1	21.2	3.4	
STD OREAS24P	Standard	<0.1	20.6	3.1	
STD OREAS24P	Standard	<0.1	19.4	3.5	
STD OREAS24P	Standard	<0.1	21.9	3.6	
STD OREAS45C	Standard	<0.1	23.9	4.3	
STD OREAS45C	Standard	<0.1	21.8	4.1	



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QUALITY CONTROL REPORT

SMI11000656.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.47	0.052	26.3	998	0.25	286	1.150	7.22	0.096	0.35	1.0	169.0	54	2.7	12.4	22.8	1.4	<1	61	16.2
STD OREAS45C	Standard	0.48	0.056	29.6	977	0.26	301	1.216	7.37	0.106	0.34	1.1	180.8	55	3.3	14.0	24.2	1.5	1	62	16.2
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000656.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	23.5	4.2
STD OREAS45C	Standard	<0.1	25.5	4.6
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	1.2	11.4	25.4	57	<0.1	3.2	4.5	735	2.18	3	2.9	<0.1	8.4	722	0.2	1.9	0.2
G1	Prep Blank		<0.005	0.2	4.4	20.2	53	<0.1	3.4	4.7	783	2.31	<1	2.4	<0.1	8.6	741	<0.1	0.1	0.2



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QUALITY CONTROL REPORT

SMI11000656.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.23	0.071	22.0	6	0.57	1031	0.233	7.47	2.813	3.06	0.1	11.6	48	1.2	13.6	25.1	1.5	3	5	34.3
G1	Prep Blank	2.42	0.081	24.2	7	0.60	1108	0.257	7.77	2.847	3.36	0.1	11.6	52	1.4	14.9	25.6	1.4	3	5	34.8



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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	113.1	0.7
G1	Prep Blank	<0.1	118.4	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 17, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000656R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_15
P.O. Number
Number of Samples: 12

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	12	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	12	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: February 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000656R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1046544	Drill Core	0.070	149.9	2723	14.6	36	0.8	5.8	16.4	146	1.72	3	1.2	<0.1	3.8	455	<0.1	0.7	<0.1	38
1046545	Drill Core	0.059	126.9	2468	13.1	34	0.7	5.0	16.5	133	1.77	3	1.1	<0.1	3.4	404	0.1	0.6	<0.1	39
1046546	Drill Core	0.056	121.0	2924	8.8	23	0.7	5.4	21.2	139	1.94	8	1.1	<0.1	3.0	365	<0.1	0.4	<0.1	42
1046547	Drill Core	0.056	247.5	2386	36.9	132	1.4	5.0	20.3	183	2.06	87	1.0	<0.1	2.9	351	0.9	5.7	0.2	39
1046548	Drill Core	0.053	170.7	2899	291.8	608	2.8	5.0	24.1	363	2.48	25	1.1	0.2	2.9	424	4.7	19.8	0.1	43
1046549	Rock	<0.005	0.6	12.8	1.7	2	<0.1	<0.1	0.3	27	0.01	1	1.3	<0.1	<0.1	4009	<0.1	0.2	<0.1	2
1046550	Drill Core	0.020	74.8	1530	38.7	95	0.6	4.4	20.9	215	2.52	3	1.1	<0.1	3.4	427	0.7	0.5	0.1	42
1046551	Drill Core	0.037	97.5	1811	20.5	67	1.0	4.6	20.5	247	2.17	1	1.2	<0.1	3.5	459	0.3	0.4	0.1	42
1046552	Drill Core	0.041	118.8	2098	13.4	39	0.6	4.2	17.0	137	1.84	1	1.4	<0.1	3.6	377	0.1	0.3	<0.1	37
1046553	Drill Core	0.022	69.7	1383	13.8	41	0.4	3.6	14.2	159	1.72	<1	1.3	<0.1	3.8	371	0.2	0.2	<0.1	43
1046554	Rock Pulp	0.407	140.4	3643	27.0	70	2.7	39.6	20.9	363	4.46	39	1.1	1.5	2.0	192	0.3	4.2	0.4	203
1046555	Drill Core	0.035	53.0	1444	11.0	34	0.4	4.3	13.3	143	1.77	1	1.4	<0.1	3.7	395	<0.1	0.2	<0.1	47



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Project: Poplar Drilling
Report Date: February 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000656R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1046544	Drill Core	0.076	15.8	8	0.49	150	0.068	5.90	2.467	2.99	0.7	25.8	32	0.9	7.1	1.9	0.1	1	3	11.8
1046545	Drill Core	0.071	12.5	10	0.47	119	0.069	5.06	2.329	2.84	0.7	26.2	26	1.0	6.3	2.1	0.1	1	3	11.7
1046546	Drill Core	0.086	10.3	8	0.49	93	0.073	5.13	2.442	2.69	0.7	28.0	21	1.1	5.5	2.1	0.1	2	3	12.8
1046547	Drill Core	0.077	12.8	8	0.57	131	0.064	5.07	1.404	2.68	1.4	26.3	27	1.9	6.4	2.0	0.2	1	3	18.4
1046548	Drill Core	0.084	10.4	7	0.48	92	0.073	5.55	1.503	2.82	1.1	29.7	23	1.4	6.1	2.2	0.1	2	3	20.2
1046549	Rock	0.004	0.2	3	1.64	18	0.001	0.09	0.006	0.02	<0.1	0.5	<1	<0.1	0.4	<0.1	<0.1	<1	<1	0.3
1046550	Drill Core	0.083	10.8	8	0.54	80	0.075	5.63	2.374	2.59	1.3	30.5	23	1.1	6.3	2.4	0.2	<1	3	11.4
1046551	Drill Core	0.081	12.0	9	0.55	88	0.075	5.60	2.368	2.80	0.7	29.0	26	1.1	5.6	2.2	0.1	<1	3	9.1
1046552	Drill Core	0.084	15.3	9	0.59	109	0.066	5.40	2.357	2.80	0.7	30.1	31	1.0	6.6	2.0	0.1	1	3	11.0
1046553	Drill Core	0.084	14.6	9	0.63	121	0.078	5.34	2.776	2.67	0.5	27.9	29	0.7	6.7	2.1	0.1	1	3	9.6
1046554	Rock Pulp	0.104	10.4	68	0.99	247	0.287	4.97	1.432	3.71	13.8	26.3	21	2.2	7.7	2.8	0.2	<1	11	13.1
1046555	Drill Core	0.078	14.0	10	0.56	103	0.072	5.93	2.919	2.32	0.9	28.4	27	1.0	7.0	2.0	0.1	1	3	10.1



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Report Date: February 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000656R.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
1046544	Drill Core	45.7	0.9
1046545	Drill Core	44.1	1.0
1046546	Drill Core	41.4	0.9
1046547	Drill Core	43.2	0.9
1046548	Drill Core	49.7	1.0
1046549	Rock	0.7	<0.1
1046550	Drill Core	51.0	1.0
1046551	Drill Core	48.7	1.0
1046552	Drill Core	43.5	1.0
1046553	Drill Core	39.7	1.0
1046554	Rock Pulp	107.0	0.8
1046555	Drill Core	38.9	1.0



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Report Date: February 17, 2012

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QUALITY CONTROL REPORT

SMI11000656R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Reference Materials																					
STD OREAS24P	Standard		1.3	50.6	2.9	107	<0.1	140.1	44.5	1065	7.23	<1	0.7	<0.1	2.8	356	<0.1	<0.1	<0.1	155	5.63
STD OREAS45C	Standard		2.3	611.8	26.4	87	0.4	346.4	105.9	1160	18.00	12	2.4	<0.1	10.2	36	0.3	0.9	0.2	276	0.43
STD OXH82	Standard	1.243																			
STD OXK79	Standard	3.548																			
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	3	<0.01	<1	<0.1	<0.1	<0.1	1	<0.1	<0.1	<0.1	<1	<0.01



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Project: Poplar Drilling

Report Date: February 17, 2012

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QUALITY CONTROL REPORT

SMI11000656R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	1	1	0.1	0.1
Reference Materials																					
STD OREAS24P	Standard	0.123	17.5	214	3.94	263	1.081	7.15	2.295	0.69	0.4	125.8	34	1.6	20.0	18.2	1.1	1	18	8.4	<0.1
STD OREAS45C	Standard	0.051	23.1	992	0.22	280	1.195	7.06	0.106	0.36	1.1	162.0	46	3.0	11.3	23.3	1.5	<1	53	16.0	<0.1
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03	15.69	0.021	
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20	8.7		
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	2	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1



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Project: Poplar Drilling
Report Date: February 17, 2012

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QUALITY CONTROL REPORT

SMI11000656R.1

		Method	1EX	1EX
		Analyte	Rb	Hf
		Unit	ppm	ppm
		MDL	0.1	0.1
Reference Materials				
STD OREAS24P	Standard		19.8	3.5
STD OREAS45C	Standard		20.5	4.1
STD OXH82	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS45C Expected			24	4.27
STD OREAS24P Expected			22.4	3.6
BLK	Blank			
BLK	Blank			
BLK	Blank		0.2	<0.1



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 24, 2011
Report Date: December 09, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000657.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_103
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124770	Drill Core	6.72	0.036	76.9	1454	26.1	86	0.3	5.0	23.6	852	2.46	409	1.0	<0.1	4.7	321	0.2	19.7	0.2
124771	Drill Core	7.26	0.045	137.8	1564	71.1	184	0.7	9.0	27.6	913	2.64	440	1.3	<0.1	4.6	401	1.2	34.4	0.3
124772	Drill Core	6.80	0.042	204.9	1796	23.1	147	0.5	7.6	22.6	571	2.05	550	1.0	<0.1	4.2	360	0.6	43.2	0.2
124773	Drill Core	6.98	0.037	143.7	1273	15.8	67	0.2	4.3	18.2	374	1.95	347	1.1	<0.1	4.7	451	0.2	9.3	0.1
124774	Drill Core	2.84	0.032	216.1	1260	14.7	61	0.2	3.8	20.0	345	2.03	327	1.1	<0.1	4.8	426	<0.1	6.7	0.1
124775	Drill Core	7.36	0.030	157.9	1184	42.0	167	0.4	4.4	19.0	628	1.94	372	1.2	<0.1	4.5	330	1.0	61.9	0.1
124776	Drill Core	7.10	0.075	173.8	2740	44.3	214	0.6	7.6	24.7	700	1.70	867	1.2	<0.1	4.7	358	0.8	95.8	0.2
124777	Drill Core	6.91	0.031	155.5	1680	125.6	340	0.6	6.3	27.7	1059	1.92	523	1.1	<0.1	4.2	299	2.2	57.9	0.1
124778	Drill Core	7.41	0.041	82.3	1707	20.9	83	0.3	4.8	22.3	454	1.51	486	1.0	<0.1	4.2	343	0.3	10.5	0.1
124779	Drill Core	6.96	0.039	210.3	1979	24.7	179	0.5	5.9	42.3	650	2.25	593	1.2	<0.1	4.3	320	0.7	33.8	0.1
124780	Drill Core	6.99	0.039	167.2	1776	18.3	123	0.4	4.3	21.0	625	1.94	320	1.0	<0.1	4.1	292	0.5	33.0	0.1
124781	Drill Core	7.40	0.039	77.2	1546	40.1	323	0.5	4.7	27.6	806	2.35	484	1.2	<0.1	4.7	339	1.7	29.5	0.2
124782	Drill Core	7.28	0.038	73.3	1720	36.4	298	0.5	4.6	25.0	993	2.11	524	1.0	<0.1	4.5	306	1.3	39.7	0.2
124783	Drill Core	7.50	0.029	83.8	1777	209.0	476	1.3	5.0	23.8	1472	2.25	525	1.1	<0.1	4.6	315	2.7	69.7	0.3
124784	Drill Core	6.99	0.034	52.3	1392	266.5	493	2.1	4.8	16.5	3948	2.24	456	0.9	<0.1	4.0	261	3.3	71.4	0.4
124785	Rock Pulp	0.14	0.414	145.7	3807	30.8	71	1.0	38.7	21.4	419	4.56	47	1.3	0.5	2.5	242	0.2	4.8	0.5
124786	Drill Core	7.34	0.038	67.1	1869	341.4	209	2.5	4.6	23.9	1378	2.18	534	1.1	<0.1	4.3	477	1.2	65.1	0.2
124787	Drill Core	7.49	0.133	56.1	2520	2026	2773	31.6	6.0	17.8	2883	2.53	589	0.9	0.1	3.4	326	25.8	539.3	0.6
124788	Drill Core	7.04	0.049	210.5	1876	685.1	1525	9.1	4.6	18.4	3313	1.76	344	1.0	<0.1	4.5	260	9.5	158.6	0.3
124789	Drill Core	5.65	0.029	126.0	1348	85.6	163	1.0	3.4	15.5	1190	1.32	114	1.0	<0.1	4.3	352	0.9	15.5	0.1
124790	Rock	0.41	<0.005	0.1	6.0	0.6	2	<0.1	1.2	<0.2	36	<0.01	19	1.4	<0.1	<0.1	4906	<0.1	0.4	<0.1
124791	Drill Core	6.46	0.032	70.1	1643	29.7	69	0.3	4.6	20.5	801	1.90	135	1.1	<0.1	4.8	1413	0.3	1.8	0.1
124792	Drill Core	7.47	0.043	73.0	1746	209.6	491	2.0	5.2	28.4	6110	2.63	562	1.1	<0.1	4.6	397	3.1	69.5	0.4
124793	Drill Core	7.67	0.053	211.0	2141	1220	1506	4.9	5.3	19.0	7849	2.46	550	1.1	<0.1	4.4	166	11.5	177.2	1.7
124794	Drill Core	6.67	0.098	97.2	4213	3283	>10000	21.4	5.6	18.8	3745	2.31	880	1.1	0.1	3.1	582	84.5	746.4	1.2
124795	Drill Core	3.34	0.103	100.7	4677	3145	8502	18.4	5.3	18.9	4003	2.28	973	1.2	0.1	3.2	614	65.3	611.4	1.7
124796	Drill Core	6.82	0.046	109.5	2106	182.3	404	2.3	5.8	23.8	3510	1.97	515	1.0	<0.1	4.8	303	2.8	85.4	0.2
124797	Drill Core	6.24	0.049	81.2	2022	993.3	4742	5.8	5.6	26.4	4311	2.52	443	1.3	<0.1	4.5	260	34.6	129.6	0.4
124798	Drill Core	8.02	0.045	51.2	2524	55.2	165	0.7	8.9	28.4	1932	2.49	462	1.0	<0.1	4.2	340	0.8	89.3	0.3
124799	Drill Core	7.49	0.059	108.6	2184	51.1	723	1.4	5.6	22.6	704	1.83	470	0.8	<0.1	4.1	325	3.8	60.7	0.1



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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124770	Drill Core	1.62	0.086	17.0	4	0.81	170	0.094	6.13	0.399	2.73	0.4	14.4	36	0.7	7.0	1.3	<0.1	1	3
124771	Drill Core	1.51	0.108	18.9	3	0.81	201	0.075	6.91	0.071	3.09	0.7	17.6	40	0.7	8.1	1.5	<0.1	2	3
124772	Drill Core	1.55	0.082	13.7	4	0.72	234	0.086	6.37	0.355	2.77	0.6	16.1	30	0.7	6.5	1.6	0.1	1	3
124773	Drill Core	1.41	0.088	14.4	3	0.74	198	0.097	6.67	1.776	2.66	0.3	18.1	33	0.7	6.9	1.8	0.1	1	3
124774	Drill Core	1.38	0.082	13.4	3	0.71	152	0.094	6.36	1.739	2.55	0.4	17.0	31	0.7	6.6	1.5	0.1	2	3
124775	Drill Core	1.22	0.086	12.3	2	0.74	286	0.086	6.24	0.358	2.82	0.5	19.0	28	0.7	6.6	1.4	0.1	2	3
124776	Drill Core	1.07	0.081	15.7	4	0.72	362	0.053	6.58	0.068	2.91	0.5	15.7	34	0.9	6.0	1.1	<0.1	1	3
124777	Drill Core	1.04	0.084	12.2	1	0.70	260	0.051	5.78	0.297	2.78	1.1	13.3	27	0.7	5.7	1.2	<0.1	<1	2
124778	Drill Core	1.30	0.084	9.9	3	0.65	353	0.072	5.88	1.006	2.59	0.4	17.0	23	0.7	6.2	1.3	<0.1	1	3
124779	Drill Core	1.92	0.098	16.1	2	0.69	112	0.077	6.13	1.400	2.43	0.4	15.4	37	0.7	8.0	1.3	<0.1	1	3
124780	Drill Core	1.77	0.078	11.0	3	0.71	204	0.092	5.94	1.081	2.23	0.4	15.4	28	0.7	7.5	1.6	<0.1	1	3
124781	Drill Core	2.10	0.089	15.1	3	0.76	250	0.090	7.18	0.115	2.73	0.5	17.0	35	0.6	7.7	1.5	0.1	1	4
124782	Drill Core	1.74	0.084	12.5	4	0.77	264	0.079	6.55	0.858	2.83	0.4	18.9	32	0.8	6.9	1.3	<0.1	1	3
124783	Drill Core	1.49	0.088	13.5	3	0.76	280	0.080	6.60	0.068	3.13	0.7	17.1	31	0.9	6.7	1.4	<0.1	1	3
124784	Drill Core	1.76	0.080	13.4	4	0.79	478	0.066	6.37	0.059	3.26	1.5	14.5	30	1.5	6.7	1.3	<0.1	1	3
124785	Rock Pulp	0.34	0.109	13.8	67	1.02	248	0.301	5.82	1.527	2.91	14.3	26.1	28	2.3	10.4	2.8	0.2	1	14
124786	Drill Core	1.43	0.085	14.8	3	0.79	396	0.088	6.55	0.067	3.22	1.3	14.9	33	1.3	6.3	1.5	<0.1	1	3
124787	Drill Core	1.07	0.066	10.4	11	0.53	69	0.070	5.37	0.047	2.60	2.0	11.7	26	1.2	6.2	1.3	<0.1	1	3
124788	Drill Core	1.56	0.081	14.0	3	0.57	478	0.077	6.54	0.063	3.15	1.0	13.2	33	0.7	7.7	1.4	<0.1	<1	3
124789	Drill Core	1.89	0.079	11.9	4	0.58	579	0.072	5.65	1.130	2.64	0.6	16.8	30	0.6	7.3	1.5	<0.1	1	3
124790	Rock	34.93	0.003	0.2	<1	1.56	8	0.001	0.02	0.003	0.01	<0.1	0.2	<1	0.1	0.3	<0.1	<0.1	<1	<1
124791	Drill Core	2.03	0.087	12.2	5	0.64	283	0.092	6.40	1.912	2.41	0.5	17.4	30	0.8	8.3	1.7	0.1	1	3
124792	Drill Core	1.69	0.087	15.7	3	0.69	440	0.095	6.77	0.064	3.19	1.7	17.3	36	0.8	7.8	1.5	<0.1	2	3
124793	Drill Core	0.73	0.073	16.4	4	0.48	241	0.059	5.73	0.056	3.21	1.9	14.0	37	1.2	6.5	1.2	<0.1	<1	3
124794	Drill Core	1.05	0.058	10.0	3	0.51	43	0.060	5.62	0.049	2.80	1.9	13.3	29	0.7	6.2	1.1	<0.1	1	3
124795	Drill Core	1.21	0.064	11.1	4	0.57	50	0.065	5.48	0.050	2.71	1.3	13.2	32	0.8	6.8	1.1	<0.1	1	3
124796	Drill Core	1.98	0.082	15.2	4	0.74	475	0.080	6.66	0.055	3.41	0.6	17.2	35	0.7	7.7	1.3	<0.1	1	4
124797	Drill Core	1.16	0.080	13.9	5	0.60	104	0.076	6.68	0.067	3.45	1.5	16.4	34	1.2	7.2	1.4	<0.1	1	3
124798	Drill Core	2.51	0.110	15.4	10	0.89	177	0.167	6.35	0.656	2.40	0.6	10.5	35	0.9	8.9	2.9	0.2	2	5
124799	Drill Core	1.83	0.080	10.5	5	0.70	217	0.106	5.81	1.616	2.33	0.5	15.5	26	0.9	6.6	1.7	0.1	1	3



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124770	Drill Core	2.0	68.0	0.5
124771	Drill Core	2.3	78.7	0.6
124772	Drill Core	1.7	64.7	0.6
124773	Drill Core	1.5	59.1	0.7
124774	Drill Core	1.6	55.9	0.6
124775	Drill Core	1.5	69.1	0.7
124776	Drill Core	1.4	69.2	0.6
124777	Drill Core	1.7	68.5	0.4
124778	Drill Core	1.3	59.0	0.7
124779	Drill Core	2.0	57.2	0.5
124780	Drill Core	1.5	52.1	0.5
124781	Drill Core	1.9	68.1	0.5
124782	Drill Core	1.7	76.1	0.6
124783	Drill Core	1.9	90.3	0.6
124784	Drill Core	1.6	108.5	0.5
124785	Rock Pulp	2.2	76.9	0.7
124786	Drill Core	1.7	98.9	0.5
124787	Drill Core	2.1	98.7	0.4
124788	Drill Core	1.5	108.6	0.5
124789	Drill Core	1.0	79.0	0.6
124790	Rock	<0.1	0.4	<0.1
124791	Drill Core	1.6	74.9	0.5
124792	Drill Core	1.8	110.0	0.6
124793	Drill Core	1.7	126.6	0.4
124794	Drill Core	2.3	111.0	0.4
124795	Drill Core	2.2	101.4	0.5
124796	Drill Core	1.3	105.3	0.6
124797	Drill Core	2.1	127.0	0.6
124798	Drill Core	1.5	70.9	0.4
124799	Drill Core	1.4	67.3	0.5



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124800	Drill Core	7.58	0.057	92.2	2703	65.2	154	0.8	6.7	28.2	616	1.78	423	1.0	<0.1	4.6	333	1.1	17.5	0.1
124801	Drill Core	7.24	0.168	251.4	5205	20.1	220	0.8	10.1	41.0	475	2.60	1163	1.5	0.1	4.6	480	0.3	95.0	0.1
124802	Drill Core	6.66	0.091	44.2	2146	683.5	6548	3.8	7.8	25.4	973	2.59	421	0.9	0.4	3.8	465	46.4	79.3	0.3
124803	Drill Core	6.71	0.042	48.6	1965	60.3	131	1.5	7.7	31.5	551	2.30	507	1.0	<0.1	4.3	622	0.9	40.2	0.3
124804	Drill Core	6.79	0.046	177.2	1862	30.4	83	1.8	9.6	28.9	631	2.67	281	0.7	<0.1	4.6	1464	0.3	8.9	0.2
124805	Drill Core	6.91	0.031	42.5	1549	46.0	127	1.9	5.8	28.5	695	2.65	68	0.9	<0.1	4.4	561	0.5	6.6	0.1
124806	Drill Core	7.01	0.035	132.8	1682	21.1	73	1.2	4.2	21.4	568	1.89	16	1.0	<0.1	4.3	455	0.4	3.2	0.1
124807	Rock Pulp	0.15	0.408	146.3	3822	30.9	71	2.6	40.0	22.0	429	4.79	42	1.2	0.8	2.6	232	0.2	3.9	0.4
124808	Drill Core	7.59	0.053	170.0	2645	9.9	30	1.2	4.9	24.9	430	2.26	18	1.2	<0.1	4.1	546	<0.1	1.2	0.1
124809	Drill Core	8.85	0.053	229.8	2345	8.8	41	1.0	5.1	18.7	425	1.78	112	1.1	<0.1	4.1	435	0.1	4.1	<0.1
124810	Drill Core	6.44	0.052	54.3	1762	8.5	67	0.8	9.1	18.8	1101	2.48	143	0.8	<0.1	4.1	480	0.2	8.3	<0.1
124811	Rock	0.79	<0.005	0.2	6.7	0.2	<1	<0.1	0.1	0.3	32	<0.01	6	1.3	<0.1	<0.1	4118	<0.1	<0.1	<0.1
124812	Drill Core	6.14	0.039	375.6	1801	17.8	74	1.0	4.7	23.6	1344	1.92	208	1.6	<0.1	4.6	465	0.5	14.7	<0.1
124813	Drill Core	6.16	0.036	107.8	1489	10.9	34	0.5	5.6	31.2	181	2.56	<1	1.1	<0.1	4.2	470	<0.1	0.4	0.1
124814	Drill Core	7.66	0.041	232.2	2026	12.7	52	0.6	12.9	43.3	234	3.80	2	0.8	<0.1	4.3	444	<0.1	0.3	0.1
124815	Drill Core	6.63	0.031	80.5	1553	9.1	33	0.5	5.9	30.4	208	2.67	<1	1.1	<0.1	4.3	480	<0.1	0.3	<0.1
124816	Drill Core	3.58	0.030	57.5	1746	10.4	34	0.6	6.1	29.7	196	2.70	2	1.2	<0.1	4.5	472	<0.1	0.3	<0.1
124817	Drill Core	7.52	0.039	146.0	1866	15.9	47	0.9	6.4	31.4	486	2.19	51	1.4	<0.1	4.1	665	<0.1	2.2	0.2
124818	Drill Core	7.32	0.037	44.4	1994	122.1	321	3.4	5.9	30.3	2123	2.31	130	1.1	<0.1	4.3	354	2.2	27.4	0.5
124819	Drill Core	6.78	0.045	93.2	2094	25.6	59	1.8	5.8	32.5	791	2.37	24	1.2	<0.1	4.1	562	0.4	2.3	0.1
124820	Drill Core	7.50	0.059	45.8	2021	58.6	131	2.8	5.9	27.3	1450	2.24	13	1.0	0.2	3.7	454	0.6	6.5	0.1
124821	Drill Core	7.37	0.081	80.9	2252	178.2	763	3.3	5.6	29.2	752	2.29	24	1.2	<0.1	4.2	437	4.7	5.4	0.7
124822	Drill Core	7.57	0.066	50.9	2476	11.5	52	1.0	5.0	25.3	311	2.06	7	1.1	<0.1	3.7	318	0.2	0.9	<0.1
124823	Drill Core	5.52	0.052	50.7	2101	46.9	104	1.6	5.2	22.8	785	2.08	168	1.1	<0.1	4.0	429	0.5	16.0	0.9
124824	Drill Core	4.88	0.018	28.0	791.6	11.5	57	0.2	5.4	19.2	239	3.59	<1	1.3	<0.1	3.6	197	0.3	0.5	0.2
124825	Drill Core	6.10	0.036	71.2	1107	21.2	83	0.9	5.8	19.5	714	3.51	<1	1.3	<0.1	3.8	174	0.3	0.9	0.3
124826	Drill Core	6.05	0.017	93.4	464.3	19.7	78	0.5	4.7	18.1	575	3.44	<1	1.3	<0.1	3.6	170	0.1	1.0	0.3
124827	Rock Pulp	0.15	0.883	164.1	3658	52.1	133	3.4	27.8	21.0	488	4.99	61	1.0	0.9	2.2	210	0.7	7.6	0.6
124828	Drill Core	5.81	0.023	69.0	803.4	1569	899	6.8	5.6	26.6	2616	3.82	11	1.2	<0.1	3.4	187	4.7	14.6	1.6
124829	Drill Core	6.12	0.014	76.7	522.9	15.3	52	0.3	5.4	17.2	333	3.07	2	1.0	0.1	4.4	234	0.3	0.8	0.3



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Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124800	Drill Core	1.78	0.085	13.8	4	0.68	307	0.094	6.36	2.025	2.29	0.4	16.6	33	0.9	7.6	1.6	0.1	2	3
124801	Drill Core	1.68	0.108	23.5	8	0.82	91	0.087	5.98	0.998	2.67	0.7	11.1	50	1.9	8.3	1.8	0.1	1	4
124802	Drill Core	1.92	0.093	11.5	7	0.77	54	0.109	6.00	0.837	2.71	0.7	13.3	30	1.2	7.5	2.0	0.1	1	4
124803	Drill Core	1.70	0.097	16.2	5	0.77	225	0.123	6.66	1.282	2.71	0.5	14.3	33	1.0	7.9	2.5	0.2	2	5
124804	Drill Core	2.13	0.121	19.8	14	0.81	184	0.203	7.40	1.356	3.21	0.5	9.1	41	1.0	9.6	4.5	0.3	2	7
124805	Drill Core	2.22	0.096	13.2	5	0.65	152	0.130	6.85	1.929	3.00	0.6	16.2	26	0.7	8.6	2.6	0.2	1	5
124806	Drill Core	1.97	0.088	19.8	5	0.60	182	0.089	6.59	1.841	2.88	0.4	15.7	40	0.8	8.2	1.6	<0.1	1	4
124807	Rock Pulp	0.39	0.110	16.2	67	1.08	432	0.286	6.22	1.521	4.29	13.6	26.3	30	2.4	10.9	2.7	0.2	<1	15
124808	Drill Core	2.16	0.101	18.7	4	0.66	136	0.093	6.85	2.004	3.10	0.6	17.6	35	1.0	9.2	1.4	0.1	1	4
124809	Drill Core	2.55	0.087	16.8	5	0.69	390	0.105	6.02	2.043	2.58	0.5	16.4	33	1.0	7.4	2.0	0.1	1	4
124810	Drill Core	4.21	0.126	21.5	12	0.93	518	0.218	6.80	1.346	2.60	0.4	8.4	41	1.0	12.6	5.1	0.3	2	7
124811	Rock	35.74	0.003	0.5	<1	1.71	7	<0.001	0.03	0.005	<0.01	<0.1	0.2	<1	<0.1	0.2	0.1	<0.1	<1	<1
124812	Drill Core	4.83	0.094	31.1	2	0.67	247	0.080	6.30	1.792	2.50	0.5	15.7	53	0.7	10.4	1.6	0.1	1	4
124813	Drill Core	2.24	0.089	14.9	6	0.62	78	0.095	6.60	2.384	2.77	0.6	16.6	30	1.0	8.3	1.9	0.1	2	5
124814	Drill Core	2.84	0.120	19.3	13	0.80	52	0.166	6.86	2.063	2.64	0.3	7.5	40	1.0	11.8	3.2	0.2	1	7
124815	Drill Core	2.56	0.102	14.8	10	0.74	104	0.125	6.74	2.596	2.73	0.3	15.1	29	0.8	9.9	2.6	0.2	1	5
124816	Drill Core	2.33	0.099	12.4	10	0.72	80	0.118	6.85	2.740	2.77	0.4	17.7	26	0.8	9.1	2.1	0.2	1	5
124817	Drill Core	2.08	0.093	18.7	5	0.66	97	0.091	6.70	2.182	2.91	0.4	18.6	36	0.9	8.3	1.9	0.1	1	4
124818	Drill Core	1.97	0.101	16.2	5	0.69	263	0.135	6.64	1.441	3.09	0.8	16.1	33	0.9	7.9	2.5	0.2	1	5
124819	Drill Core	1.94	0.102	25.1	5	0.65	122	0.114	6.47	2.253	3.19	0.4	21.1	46	0.8	9.1	1.9	0.1	1	5
124820	Drill Core	2.05	0.088	18.6	5	0.57	116	0.086	6.51	2.068	3.43	0.6	17.7	33	0.9	7.8	1.5	<0.1	1	4
124821	Drill Core	1.78	0.086	22.2	3	0.56	120	0.095	6.61	1.857	3.12	0.7	18.2	39	0.9	8.4	1.7	0.1	<1	3
124822	Drill Core	2.12	0.089	11.7	5	0.53	332	0.115	6.51	2.699	2.07	0.5	18.7	22	0.7	7.3	2.2	0.2	1	4
124823	Drill Core	2.18	0.087	15.1	4	0.57	262	0.115	6.60	1.930	2.64	0.7	19.7	29	0.7	7.3	2.4	0.2	1	4
124824	Drill Core	0.81	0.116	17.1	6	0.95	47	0.068	6.41	2.588	1.85	0.2	22.3	34	1.2	9.6	1.0	<0.1	1	6
124825	Drill Core	0.86	0.118	18.3	6	0.97	58	0.062	6.72	2.099	2.37	0.3	18.7	37	1.5	8.8	1.1	<0.1	1	6
124826	Drill Core	0.81	0.120	17.3	5	0.77	47	0.062	6.35	1.423	2.84	0.5	20.6	36	1.9	8.1	0.8	<0.1	1	5
124827	Rock Pulp	0.39	0.109	13.4	44	0.85	177	0.243	6.18	1.173	3.55	24.3	21.3	26	2.8	10.1	3.1	0.2	1	12
124828	Drill Core	0.79	0.093	16.7	4	0.69	43	0.062	6.38	0.752	2.97	0.5	16.6	35	2.4	7.3	1.1	<0.1	1	4
124829	Drill Core	0.84	0.091	20.8	3	0.64	49	0.053	6.53	1.741	2.25	0.4	11.2	41	2.2	6.9	0.9	<0.1	1	4



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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124800	Drill Core	1.4	65.4	0.6
124801	Drill Core	2.3	70.5	0.4
124802	Drill Core	2.4	83.1	0.5
124803	Drill Core	1.6	71.1	0.6
124804	Drill Core	1.6	73.6	0.4
124805	Drill Core	1.7	77.4	0.6
124806	Drill Core	1.5	68.9	0.6
124807	Rock Pulp	2.1	110.0	0.7
124808	Drill Core	2.0	73.3	0.6
124809	Drill Core	1.2	55.9	0.6
124810	Drill Core	1.1	51.1	0.4
124811	Rock	<0.1	<0.1	<0.1
124812	Drill Core	1.5	55.2	0.7
124813	Drill Core	2.8	54.3	0.6
124814	Drill Core	4.0	55.9	0.3
124815	Drill Core	2.7	55.8	0.5
124816	Drill Core	2.8	53.6	0.6
124817	Drill Core	2.2	62.3	0.6
124818	Drill Core	1.5	85.3	0.7
124819	Drill Core	2.1	85.3	0.7
124820	Drill Core	2.3	90.1	0.7
124821	Drill Core	2.1	82.0	0.6
124822	Drill Core	1.4	47.4	0.6
124823	Drill Core	1.4	66.1	0.7
124824	Drill Core	3.4	47.9	0.7
124825	Drill Core	3.5	64.0	0.6
124826	Drill Core	3.7	71.8	0.7
124827	Rock Pulp	2.6	93.4	0.6
124828	Drill Core	3.9	81.3	0.6
124829	Drill Core	3.3	59.0	0.4



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124830	Drill Core	5.82	0.021	72.8	607.8	24.0	92	0.5	8.2	18.6	492	3.57	2	1.0	<0.1	3.5	211	0.4	0.6	0.2
124831	Rock	0.56	<0.005	0.1	2.6	0.7	2	<0.1	<0.1	<0.2	33	<0.01	3	1.4	<0.1	<0.1	4312	<0.1	<0.1	<0.1
124832	Drill Core	5.80	0.019	125.2	723.2	38.2	126	0.8	10.4	18.5	997	3.71	<1	1.2	<0.1	4.1	157	0.5	0.4	0.2
124833	Drill Core	3.78	0.032	82.3	771.4	107.5	445	2.1	7.2	15.5	2847	3.22	9	1.1	<0.1	3.5	282	2.8	7.9	0.2
124834	Drill Core	6.41	0.022	132.7	724.5	36.8	161	0.8	6.8	17.8	1251	3.16	4	1.0	<0.1	3.3	391	0.7	1.7	0.2
124835	Drill Core	6.05	0.034	78.0	863.8	105.0	615	2.5	10.2	18.6	3532	3.45	13	0.8	<0.1	3.0	374	3.1	14.3	0.2
124836	Drill Core	4.51	0.028	74.3	865.8	88.9	579	2.3	11.2	19.5	3331	3.46	12	0.9	<0.1	2.6	396	3.2	14.3	0.2
124837	Drill Core	8.57	0.016	29.5	402.8	169.5	801	4.1	8.9	13.5	7865	3.44	18	1.5	<0.1	4.1	622	4.8	12.7	0.4
124838	Drill Core	5.17	<0.005	1.8	58.5	39.1	157	0.6	11.8	7.3	2084	2.33	11	3.1	<0.1	8.0	562	0.6	5.4	0.4
124839	Drill Core	6.30	<0.005	0.8	19.9	36.5	121	0.8	11.7	6.9	1273	2.14	8	2.9	<0.1	8.5	414	0.4	3.8	0.3
124840	Drill Core	5.33	<0.005	0.4	11.7	28.9	126	0.5	10.9	6.9	1097	2.05	8	3.3	<0.1	9.3	353	0.4	3.1	0.3
124841	Drill Core	6.03	<0.005	0.5	9.4	30.0	121	0.3	10.9	7.9	1240	2.28	9	2.4	<0.1	7.5	444	0.4	3.7	0.3
124842	Drill Core	3.53	<0.005	5.3	245.9	84.5	258	1.9	12.1	9.9	1573	2.47	15	2.4	<0.1	8.2	757	1.3	4.5	0.3
124843	Drill Core	5.18	<0.005	0.4	16.7	22.7	119	0.4	10.8	7.2	1360	2.13	7	2.8	<0.1	8.0	458	0.4	4.1	0.2
124844	Rock Pulp	0.10	0.473	154.1	4062	30.4	72	2.8	41.5	22.1	417	4.85	49	1.3	0.3	2.7	217	0.4	4.6	0.5
124845	Drill Core	5.07	<0.005	0.7	30.9	41.0	144	0.3	13.7	8.9	2277	2.67	9	2.4	<0.1	6.0	375	0.5	6.3	0.2
124846	Drill Core	6.19	<0.005	2.9	27.9	32.2	126	<0.1	14.6	9.2	1684	2.71	8	2.1	<0.1	6.2	416	0.3	6.3	0.2
124847	Drill Core	4.72	<0.005	0.4	11.8	27.6	164	0.1	13.6	9.8	3051	2.67	7	2.6	<0.1	5.7	410	0.4	10.2	0.1
124848	Drill Core	6.25	0.047	8.2	1025	155.2	510	11.1	10.6	14.4	>10000	5.52	34	4.4	<0.1	3.4	637	3.0	32.7	1.1
124849	Drill Core	5.94	<0.005	1.3	91.2	80.7	161	2.2	12.8	9.7	3082	2.44	36	7.2	<0.1	7.8	1101	0.4	17.7	0.3
124850	Drill Core	4.40	<0.005	0.4	12.2	23.3	127	0.1	10.2	7.1	1296	2.06	19	3.3	<0.1	8.5	436	0.3	5.1	0.2
124851	Drill Core	4.24	<0.005	0.5	12.0	24.2	138	0.2	9.9	7.5	1806	2.05	15	4.2	<0.1	8.9	430	0.4	4.6	0.1
124852	Drill Core	6.18	<0.005	0.6	26.7	27.9	147	0.3	11.4	8.1	1511	2.29	13	2.8	<0.1	8.0	552	0.5	5.6	0.2
124853	Rock	0.61	<0.005	0.1	0.9	0.2	<1	<0.1	<0.1	<0.2	38	<0.01	21	1.6	<0.1	<0.1	4304	<0.1	<0.1	<0.1
124854	Drill Core	4.86	0.064	13.9	2213	15.7	90	0.6	7.3	18.5	885	3.41	33	2.1	<0.1	5.9	231	0.2	1.5	0.2
124855	Drill Core	6.07	0.056	28.5	1871	19.8	148	0.5	6.7	20.6	631	3.52	263	2.6	<0.1	5.3	587	0.3	8.5	0.1
124856	Drill Core	6.44	0.036	31.8	1628	68.1	374	1.4	6.4	16.1	805	3.12	455	3.4	<0.1	5.6	1357	1.7	33.8	0.2
124857	Drill Core	6.44	0.051	18.8	1766	56.9	204	0.8	8.3	15.5	874	3.04	460	2.2	<0.1	5.6	1104	0.6	30.4	0.1
124858	Drill Core	6.61	0.040	30.5	1444	44.9	127	0.8	10.0	18.7	508	3.53	422	1.3	<0.1	3.9	637	1.0	20.6	0.2
124859	Drill Core	3.67	0.061	33.5	1340	33.6	107	0.8	10.8	20.2	541	3.61	363	1.3	<0.1	3.9	556	0.8	18.8	0.1



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124830	Drill Core	0.89	0.098	16.1	8	0.75	55	0.063	6.19	1.102	2.56	0.6	15.8	33	2.5	6.9	1.0	<0.1	1	5
124831	Rock	36.75	0.004	0.4	<1	1.82	7	<0.001	0.10	0.004	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
124832	Drill Core	1.54	0.130	16.7	9	0.84	58	0.067	6.87	1.148	2.77	0.6	18.0	36	2.1	9.2	0.9	<0.1	1	7
124833	Drill Core	2.03	0.120	17.5	7	0.87	91	0.049	7.28	0.420	2.97	0.4	18.4	36	1.4	8.8	0.6	<0.1	2	7
124834	Drill Core	3.34	0.107	15.6	6	0.90	59	0.060	6.50	1.014	2.43	0.3	17.7	31	1.2	8.7	0.5	<0.1	2	7
124835	Drill Core	3.60	0.109	14.0	8	0.91	75	0.056	6.48	0.341	2.86	0.4	15.5	28	1.1	8.0	0.7	<0.1	<1	7
124836	Drill Core	3.68	0.110	11.4	6	0.85	92	0.041	6.24	0.470	2.73	0.3	13.2	26	0.9	7.4	0.3	<0.1	1	6
124837	Drill Core	2.36	0.119	19.5	7	0.87	223	0.167	7.48	0.071	3.29	1.7	30.7	37	1.2	7.5	3.0	0.2	1	7
124838	Drill Core	3.23	0.119	23.1	17	1.44	1071	0.298	7.39	0.031	2.66	0.8	106.0	44	0.8	10.1	10.3	0.8	2	6
124839	Drill Core	3.09	0.093	19.6	14	1.16	1056	0.244	6.89	0.045	4.09	0.8	89.1	37	0.6	9.4	10.6	0.8	2	5
124840	Drill Core	3.06	0.087	19.5	14	1.20	1023	0.211	6.92	0.037	3.92	0.9	77.7	37	0.7	9.7	9.8	0.8	<1	4
124841	Drill Core	2.98	0.086	17.3	15	1.12	1026	0.227	6.48	0.030	3.62	0.8	79.0	33	0.6	8.8	9.8	0.7	1	4
124842	Drill Core	2.51	0.110	22.5	16	1.04	803	0.255	7.26	0.040	3.84	1.1	87.5	42	0.9	9.2	9.4	0.6	1	6
124843	Drill Core	2.75	0.091	18.8	16	0.97	1212	0.235	6.79	0.042	4.19	0.9	89.3	36	0.6	9.4	10.4	0.7	2	5
124844	Rock Pulp	0.37	0.113	16.5	70	1.10	354	0.300	6.27	1.487	3.92	17.0	29.5	30	2.6	11.4	3.0	0.2	1	15
124845	Drill Core	3.34	0.136	20.7	22	1.12	750	0.330	7.20	0.141	4.67	0.8	123.8	41	0.8	9.8	10.3	0.7	1	6
124846	Drill Core	3.23	0.133	21.6	23	1.08	832	0.328	7.05	0.128	4.59	0.7	119.6	41	0.8	9.7	10.2	0.6	1	6
124847	Drill Core	3.18	0.126	21.5	24	1.10	861	0.330	7.01	0.065	4.10	1.1	119.2	43	0.7	10.2	9.8	0.6	1	6
124848	Drill Core	3.14	0.082	18.2	11	1.40	58	0.193	5.71	0.045	2.70	3.0	53.5	36	1.0	10.2	4.4	0.2	1	5
124849	Drill Core	2.88	0.134	26.8	22	1.14	785	0.330	7.78	0.027	3.08	3.1	123.5	50	0.8	11.3	10.2	0.6	2	7
124850	Drill Core	3.10	0.088	20.6	15	1.17	980	0.228	6.79	0.028	3.04	0.9	84.1	38	0.5	9.2	9.7	0.7	2	5
124851	Drill Core	2.86	0.091	19.9	16	1.07	1051	0.228	7.08	0.035	3.46	1.5	88.2	38	0.7	10.1	10.5	0.7	1	5
124852	Drill Core	3.38	0.106	23.1	15	1.31	1020	0.269	7.18	0.033	3.38	0.9	99.6	43	0.7	10.1	9.7	0.7	1	5
124853	Rock	37.50	0.003	0.3	<1	1.83	7	0.001	0.03	0.002	<0.01	<0.1	0.5	<1	<0.1	0.2	0.1	<0.1	<1	<1
124854	Drill Core	2.47	0.120	15.9	5	1.01	321	0.158	7.36	0.577	2.33	0.2	26.9	33	1.0	12.5	3.2	0.2	<1	7
124855	Drill Core	1.98	0.121	18.2	6	0.93	164	0.122	7.38	0.062	2.21	0.7	26.6	36	1.0	11.2	2.0	0.1	1	7
124856	Drill Core	1.43	0.130	20.9	7	0.78	109	0.110	7.48	0.058	2.51	0.7	31.8	42	1.2	11.4	1.9	0.1	1	7
124857	Drill Core	2.52	0.118	22.4	8	1.03	232	0.122	7.08	0.048	1.82	1.0	22.5	40	1.4	9.4	2.2	0.1	<1	7
124858	Drill Core	1.89	0.103	13.8	15	0.96	143	0.097	6.53	0.102	2.75	1.1	12.0	29	2.6	7.5	1.9	0.1	<1	7
124859	Drill Core	2.01	0.096	13.6	15	0.97	121	0.093	6.51	0.108	2.85	1.1	10.6	28	2.7	7.1	1.7	0.1	<1	7



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124830	Drill Core	3.7	65.5	0.5
124831	Rock	<0.1	0.1	<0.1
124832	Drill Core	3.7	81.2	0.7
124833	Drill Core	3.4	97.0	0.6
124834	Drill Core	4.4	76.6	0.6
124835	Drill Core	4.5	81.5	0.5
124836	Drill Core	4.8	55.3	0.4
124837	Drill Core	2.5	129.5	0.9
124838	Drill Core	<0.1	97.5	3.3
124839	Drill Core	<0.1	134.8	2.9
124840	Drill Core	<0.1	153.5	2.5
124841	Drill Core	<0.1	114.2	2.6
124842	Drill Core	0.2	149.9	2.7
124843	Drill Core	<0.1	143.1	2.6
124844	Rock Pulp	2.4	88.4	0.9
124845	Drill Core	<0.1	125.3	3.4
124846	Drill Core	<0.1	131.8	3.3
124847	Drill Core	<0.1	107.4	3.2
124848	Drill Core	1.9	123.1	1.3
124849	Drill Core	0.1	127.6	3.6
124850	Drill Core	<0.1	119.6	2.7
124851	Drill Core	<0.1	136.0	2.6
124852	Drill Core	<0.1	128.7	2.9
124853	Rock	<0.1	0.4	<0.1
124854	Drill Core	2.4	60.8	0.8
124855	Drill Core	3.1	49.2	0.9
124856	Drill Core	2.9	65.1	0.9
124857	Drill Core	2.3	51.8	0.7
124858	Drill Core	3.1	67.5	0.4
124859	Drill Core	3.4	68.1	0.3



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124860	Drill Core	5.25	0.045	24.4	1554	50.2	140	1.1	9.1	15.2	614	3.37	482	1.6	<0.1	3.8	829	0.9	32.5	0.1
124861	Drill Core	6.06	<0.005	0.3	26.2	31.2	117	0.3	11.1	6.8	987	2.06	18	2.6	<0.1	7.6	1433	0.7	3.9	0.2
124862	Drill Core	5.88	<0.005	0.3	16.9	30.8	108	0.3	10.3	6.8	724	1.98	21	2.7	<0.1	8.4	1347	0.3	4.0	0.1
124863	Drill Core	6.04	<0.005	0.3	23.1	34.2	104	0.8	10.9	7.4	694	2.04	15	2.8	<0.1	8.6	994	0.5	3.3	0.1
124864	Drill Core	6.15	<0.005	0.5	21.8	40.6	107	0.7	10.3	7.5	715	2.04	15	2.8	<0.1	7.8	872	0.5	3.3	<0.1
124865	Drill Core	5.59	<0.005	0.4	68.9	46.0	143	1.2	10.5	8.1	818	1.96	14	3.0	<0.1	8.7	677	0.6	3.2	<0.1
124866	Rock Pulp	0.10	0.469	153.7	3995	28.5	70	2.5	40.6	22.0	404	4.82	49	1.3	0.3	2.4	207	0.5	4.5	0.4
124867	Drill Core	6.24	<0.005	0.4	14.8	33.1	150	0.9	10.1	7.3	702	2.01	12	3.8	<0.1	9.2	529	0.5	2.1	<0.1
124868	Drill Core	6.29	<0.005	0.3	33.5	36.9	139	1.0	9.0	6.0	742	1.81	12	3.6	<0.1	9.5	582	0.4	2.6	0.1
124869	Drill Core	6.47	<0.005	0.4	46.2	44.3	158	1.9	9.2	6.9	763	1.96	11	4.2	<0.1	9.4	664	0.6	2.1	0.1
124870	Drill Core	6.02	<0.005	0.6	90.2	44.3	149	2.1	9.3	6.7	846	1.78	13	5.3	<0.1	9.2	713	0.7	2.2	0.1
124871	Drill Core	6.33	<0.005	0.3	12.9	37.5	157	0.4	8.7	6.6	812	1.99	16	3.5	<0.1	8.5	622	0.5	1.9	<0.1
124872	Rock	0.69	<0.005	<0.1	0.6	0.1	<1	<0.1	<0.1	0.4	49	<0.01	25	1.6	<0.1	<0.1	4274	<0.1	<0.1	<0.1
124873	Drill Core	6.52	<0.005	0.4	19.3	26.0	130	0.3	9.6	6.3	832	1.94	6	2.2	<0.1	7.0	689	0.4	2.1	<0.1
124874	Drill Core	7.02	<0.005	0.5	38.8	22.1	118	1.1	10.7	6.8	708	1.88	7	2.7	<0.1	6.9	423	0.4	2.4	<0.1
124875	Drill Core	6.70	<0.005	0.4	19.6	24.2	107	0.5	9.9	6.6	657	1.63	15	3.4	<0.1	6.8	387	0.3	2.9	0.1
124876	Drill Core	5.66	<0.005	0.6	26.0	24.8	101	0.6	11.5	6.7	584	1.90	7	2.7	<0.1	6.7	336	0.2	3.1	0.2
124877	Drill Core	3.68	<0.005	0.7	30.4	25.0	103	0.5	10.2	7.1	579	1.83	8	2.7	<0.1	7.1	344	0.2	3.4	0.1
124878	Drill Core	5.69	<0.005	0.6	50.6	25.1	100	0.6	11.7	7.3	651	2.06	23	3.1	<0.1	6.4	389	0.1	3.9	0.3
124879	Drill Core	5.93	<0.005	0.9	26.1	21.3	105	0.3	13.2	7.7	642	2.12	7	2.9	<0.1	7.0	346	0.3	4.3	0.3
124880	Drill Core	3.50	<0.005	1.6	17.4	25.1	132	0.2	12.9	8.0	935	2.22	7	2.9	<0.1	5.1	438	0.5	5.9	0.4
124881	Drill Core	6.72	0.011	20.3	527.0	28.8	143	0.8	6.8	19.9	522	2.40	11	1.6	<0.1	3.9	617	0.9	1.4	0.2
124882	Drill Core	6.97	0.015	24.2	468.9	15.5	56	0.3	6.0	15.1	428	2.19	5	1.1	<0.1	4.2	588	0.2	0.9	0.2
124883	Drill Core	6.48	0.017	38.4	767.4	32.6	189	0.4	8.1	25.9	440	2.72	7	1.2	<0.1	3.9	500	0.9	1.0	0.2
124884	Drill Core	2.69	0.016	28.2	715.0	31.2	81	0.6	8.1	31.1	428	3.13	22	1.5	<0.1	4.3	423	0.5	3.0	0.1
124885	Rock Pulp	0.10	0.476	145.9	3951	28.0	74	2.7	41.8	22.4	463	4.87	48	1.1	0.3	2.6	248	0.3	4.0	0.5
124886	Drill Core	6.55	<0.005	0.8	27.2	21.4	111	0.1	12.6	7.7	694	2.17	6	2.5	<0.1	6.1	401	0.2	5.6	0.3
124887	Drill Core	6.00	<0.005	0.5	8.9	17.4	85	<0.1	10.9	6.5	641	1.99	4	2.5	<0.1	6.6	355	0.3	2.7	0.1
124888	Drill Core	6.62	<0.005	0.8	20.0	16.9	75	0.3	10.7	7.0	527	2.08	5	2.5	<0.1	7.0	383	0.2	2.6	0.2
124889	Rock	0.58	<0.005	<0.1	1.2	<0.1	<1	<0.1	<0.1	<0.2	30	<0.01	7	1.1	<0.1	<0.1	3743	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124860	Drill Core	2.00	0.087	12.3	6	0.93	106	0.073	6.03	0.081	2.57	0.8	14.5	25	1.8	6.3	1.8	0.1	<1	4
124861	Drill Core	2.96	0.103	20.0	17	1.03	967	0.259	6.96	0.022	2.80	1.8	94.8	38	0.8	8.8	9.9	0.7	1	5
124862	Drill Core	2.68	0.102	21.1	17	0.94	1137	0.255	6.96	0.025	2.75	1.7	90.5	40	0.7	8.9	10.4	0.7	2	5
124863	Drill Core	2.78	0.100	21.1	17	0.97	866	0.263	7.20	0.034	3.26	1.2	95.2	40	0.7	9.1	10.2	0.8	1	5
124864	Drill Core	2.93	0.103	17.8	16	0.92	1016	0.251	6.85	0.042	3.65	0.9	91.7	35	0.6	8.6	10.5	0.8	2	5
124865	Drill Core	3.37	0.091	17.7	14	0.95	1219	0.225	6.78	0.034	3.47	0.9	89.5	36	0.6	9.3	10.3	0.8	2	5
124866	Rock Pulp	0.34	0.115	14.0	62	1.07	323	0.281	5.72	1.408	4.10	12.7	27.4	26	2.5	10.1	2.9	0.2	1	14
124867	Drill Core	2.88	0.081	18.7	11	1.02	1095	0.175	6.71	0.031	3.11	0.8	76.1	35	0.6	9.0	9.4	0.7	2	4
124868	Drill Core	2.67	0.082	18.1	13	0.90	1115	0.206	6.86	0.039	3.70	0.9	79.1	35	0.6	8.8	10.1	0.8	2	4
124869	Drill Core	3.30	0.085	20.7	15	0.97	1084	0.200	7.06	0.033	3.22	0.9	80.1	39	0.6	9.0	9.6	0.7	2	4
124870	Drill Core	2.81	0.081	19.1	13	1.02	1149	0.182	6.82	0.026	2.70	0.8	79.5	36	0.7	9.0	9.5	0.7	1	4
124871	Drill Core	2.86	0.084	17.4	14	0.93	907	0.168	6.66	0.023	2.80	0.9	76.2	34	0.7	8.4	8.6	0.7	1	4
124872	Rock	38.95	0.004	0.1	<1	1.78	9	<0.001	0.04	0.001	<0.01	<0.1	0.3	<1	0.2	0.2	<0.1	<0.1	<1	<1
124873	Drill Core	3.00	0.080	15.5	12	0.98	1011	0.195	6.58	0.025	2.67	1.3	77.5	31	0.5	7.8	9.1	0.7	2	4
124874	Drill Core	2.91	0.082	15.1	11	0.98	1187	0.194	6.44	0.036	2.50	0.9	78.2	31	0.6	8.0	9.1	0.7	1	4
124875	Drill Core	2.86	0.084	13.9	11	0.86	970	0.193	6.56	0.043	3.27	0.7	75.0	29	0.5	7.5	9.4	0.7	2	4
124876	Drill Core	2.98	0.083	13.8	11	0.81	901	0.218	6.45	0.045	3.19	0.6	81.9	29	0.5	7.5	9.5	0.7	2	4
124877	Drill Core	3.06	0.086	16.3	12	0.83	1010	0.217	6.70	0.047	3.34	0.6	81.1	34	0.5	8.1	9.6	0.7	2	4
124878	Drill Core	3.01	0.096	15.3	13	0.95	1040	0.235	6.70	0.049	3.34	0.6	89.4	32	0.6	7.9	9.6	0.7	1	5
124879	Drill Core	3.35	0.108	18.2	16	1.01	1114	0.248	7.29	0.049	3.39	0.6	94.3	36	0.6	8.4	9.2	0.7	1	5
124880	Drill Core	3.71	0.139	20.9	18	1.22	709	0.316	7.40	0.064	3.48	0.6	119.1	43	0.7	9.7	8.9	0.5	1	6
124881	Drill Core	3.45	0.133	19.3	5	0.88	119	0.098	6.97	0.148	2.70	0.3	22.6	42	0.9	10.2	1.8	<0.1	1	5
124882	Drill Core	3.31	0.128	13.6	7	0.89	72	0.126	7.38	0.610	2.66	0.2	27.1	31	0.6	9.2	2.1	0.1	<1	6
124883	Drill Core	3.14	0.121	14.0	6	0.95	73	0.113	7.26	0.475	2.60	0.4	23.8	30	1.0	8.9	2.0	0.1	<1	6
124884	Drill Core	2.14	0.138	14.2	7	1.00	34	0.120	7.60	1.275	2.57	0.2	26.5	33	0.7	8.7	2.0	0.1	1	6
124885	Rock Pulp	0.39	0.113	15.5	64	1.09	84	0.299	7.49	1.601	4.65	13.8	27.4	31	2.5	13.0	2.9	0.2	2	17
124886	Drill Core	2.98	0.114	17.9	14	1.03	891	0.270	7.04	0.387	3.07	0.5	95.7	36	0.7	8.1	8.9	0.6	1	5
124887	Drill Core	2.88	0.095	16.4	14	0.96	1007	0.237	6.87	0.213	3.24	0.6	90.6	33	0.7	8.3	9.3	0.7	1	5
124888	Drill Core	2.74	0.092	15.0	12	0.90	961	0.229	6.87	0.681	3.13	0.7	87.5	32	0.7	7.7	9.9	0.7	2	5
124889	Rock	34.84	0.002	0.2	<1	1.48	5	<0.001	<0.01	0.002	0.01	<0.1	0.3	<1	0.1	0.2	<0.1	<0.1	<1	<1



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Report Date: December 09, 2011

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CERTIFICATE OF ANALYSIS

SMI11000657.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124860	Drill Core	3.0	59.4	0.5
124861	Drill Core	<0.1	92.9	2.9
124862	Drill Core	<0.1	105.7	2.7
124863	Drill Core	<0.1	116.5	3.0
124864	Drill Core	<0.1	106.7	2.9
124865	Drill Core	<0.1	113.1	2.9
124866	Rock Pulp	2.4	92.4	0.8
124867	Drill Core	<0.1	122.2	2.4
124868	Drill Core	<0.1	133.2	2.6
124869	Drill Core	<0.1	124.9	2.4
124870	Drill Core	<0.1	105.6	2.5
124871	Drill Core	<0.1	93.1	2.4
124872	Rock	<0.1	0.1	<0.1
124873	Drill Core	<0.1	88.2	2.2
124874	Drill Core	<0.1	76.9	2.4
124875	Drill Core	<0.1	95.1	2.4
124876	Drill Core	<0.1	88.8	2.4
124877	Drill Core	<0.1	102.6	2.4
124878	Drill Core	<0.1	92.1	2.4
124879	Drill Core	<0.1	96.7	2.7
124880	Drill Core	<0.1	92.3	3.1
124881	Drill Core	2.0	63.1	0.6
124882	Drill Core	2.3	57.2	0.7
124883	Drill Core	2.8	54.4	0.7
124884	Drill Core	2.7	66.5	0.7
124885	Rock Pulp	2.1	110.1	0.7
124886	Drill Core	0.2	79.1	2.6
124887	Drill Core	<0.1	84.8	2.5
124888	Drill Core	<0.1	83.8	2.6
124889	Rock	<0.1	0.3	<0.1



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000657.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
124771	Drill Core	7.26	0.045	137.8	1564	71.1	184	0.7	9.0	27.6	913	2.64	440	1.3	<0.1	4.6	401	1.2	34.4	0.3	28
REP 124771	QC			128.0	1569	69.2	189	0.7	9.3	27.9	964	2.73	446	1.4	<0.1	4.8	394	1.1	35.4	0.3	28
124790	Rock	0.41	<0.005	0.1	6.0	0.6	2	<0.1	1.2	<0.2	36	<0.01	19	1.4	<0.1	<0.1	4906	<0.1	0.4	<0.1	<1
REP 124790	QC		<0.005																		
REP 124810	QC		0.049	56.4	1802	8.7	66	0.8	8.8	18.5	1100	2.49	146	0.8	<0.1	4.1	489	0.3	8.6	<0.1	63
124832	Drill Core	5.80	0.019	125.2	723.2	38.2	126	0.8	10.4	18.5	997	3.71	<1	1.2	<0.1	4.1	157	0.5	0.4	0.2	77
REP 124832	QC		0.025																		
124861	Drill Core	6.06	<0.005	0.3	26.2	31.2	117	0.3	11.1	6.8	987	2.06	18	2.6	<0.1	7.6	1433	0.7	3.9	0.2	58
REP 124861	QC			0.3	23.6	30.1	116	0.3	11.1	6.9	958	2.03	19	2.7	<0.1	7.9	1403	0.5	3.8	0.2	57
124877	Drill Core	3.68	<0.005	0.7	30.4	25.0	103	0.5	10.2	7.1	579	1.83	8	2.7	<0.1	7.1	344	0.2	3.4	0.1	52
REP 124877	QC		<0.005																		
Core Reject Duplicates																					
124775	Drill Core	7.36	0.030	157.9	1184	42.0	167	0.4	4.4	19.0	628	1.94	372	1.2	<0.1	4.5	330	1.0	61.9	0.1	32
DUP 124775	QC		0.031	148.1	1200	43.0	165	0.4	4.1	19.8	627	1.92	351	1.2	<0.1	4.7	338	0.8	61.3	0.1	31
124810	Drill Core	6.44	0.052	54.3	1762	8.5	67	0.8	9.1	18.8	1101	2.48	143	0.8	<0.1	4.1	480	0.2	8.3	<0.1	63
DUP 124810	QC		0.047	66.1	1751	7.9	62	0.8	10.6	18.1	1017	2.44	135	0.8	<0.1	4.4	486	0.1	8.2	<0.1	62
124845	Drill Core	5.07	<0.005	0.7	30.9	41.0	144	0.3	13.7	8.9	2277	2.67	9	2.4	<0.1	6.0	375	0.5	6.3	0.2	75
DUP 124845	QC		<0.005	0.9	26.0	41.5	143	0.3	14.4	8.7	2245	2.73	8	2.4	<0.1	6.0	374	0.4	6.3	0.2	75
124880	Drill Core	3.50	<0.005	1.6	17.4	25.1	132	0.2	12.9	8.0	935	2.22	7	2.9	<0.1	5.1	438	0.5	5.9	0.4	76
DUP 124880	QC		<0.005	1.6	18.6	24.7	132	0.3	13.8	8.0	945	2.16	7	2.9	<0.1	5.1	446	0.5	6.0	0.3	77
Reference Materials																					
STD OREAS24P	Standard			1.4	46.8	2.6	108	<0.1	137.9	41.1	1082	6.90	2	0.6	<0.1	2.6	371	<0.1	<0.1	<0.1	157
STD OREAS24P	Standard			1.4	55.8	2.9	116	0.1	148.1	47.7	1088	7.49	2	0.7	<0.1	2.7	377	<0.1	<0.1	<0.1	164
STD OREAS24P	Standard			1.6	51.8	2.1	111	<0.1	142.6	45.3	1091	7.71	5	0.8	<0.1	3.0	386	<0.1	<0.1	<0.1	150
STD OREAS24P	Standard			1.4	51.4	2.9	120	<0.1	146.5	46.3	1107	7.38	6	0.8	<0.1	2.9	373	0.1	0.1	<0.1	161
STD OREAS45C	Standard			2.1	621.6	24.1	78	0.4	342.1	98.8	1161	16.39	10	2.1	<0.1	10.4	38	0.1	0.7	0.2	260
STD OREAS45C	Standard			2.3	592.0	24.5	87	0.4	323.6	106.0	1128	18.45	11	2.1	<0.1	9.4	31	0.2	0.8	0.2	265
STD OREAS45C	Standard			2.2	622.5	24.6	80	<0.1	319.6	97.8	1110	16.75	12	2.4	<0.1	10.5	24	0.1	0.6	0.2	257



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
124771	Drill Core	1.51	0.108	18.9	3	0.81	201	0.075	6.91	0.071	3.09	0.7	17.6	40	0.7	8.1	1.5	<0.1	2	3
REP 124771	QC	1.51	0.108	18.4	3	0.80	188	0.074	6.86	0.073	3.09	0.7	18.0	40	0.8	8.1	1.5	<0.1	1	3
124790	Rock	34.93	0.003	0.2	<1	1.56	8	0.001	0.02	0.003	0.01	<0.1	0.2	<1	0.1	0.3	<0.1	<0.1	<1	<1
REP 124790	QC																			
REP 124810	QC	4.24	0.129	21.6	11	0.92	677	0.218	7.05	1.358	2.59	0.3	8.3	43	0.9	12.3	5.1	0.3	1	7
124832	Drill Core	1.54	0.130	16.7	9	0.84	58	0.067	6.87	1.148	2.77	0.6	18.0	36	2.1	9.2	0.9	<0.1	1	7
REP 124832	QC																			
124861	Drill Core	2.96	0.103	20.0	17	1.03	967	0.259	6.96	0.022	2.80	1.8	94.8	38	0.8	8.8	9.9	0.7	1	5
REP 124861	QC	2.86	0.100	20.9	17	1.04	954	0.255	7.02	0.023	2.75	1.9	91.8	38	0.6	8.6	9.6	0.7	2	5
124877	Drill Core	3.06	0.086	16.3	12	0.83	1010	0.217	6.70	0.047	3.34	0.6	81.1	34	0.5	8.1	9.6	0.7	2	4
REP 124877	QC																			
Core Reject Duplicates																				
124775	Drill Core	1.22	0.086	12.3	2	0.74	286	0.086	6.24	0.358	2.82	0.5	19.0	28	0.7	6.6	1.4	0.1	2	3
DUP 124775	QC	1.26	0.083	13.4	2	0.75	291	0.083	6.74	0.352	2.81	0.4	18.5	31	0.6	6.8	1.3	<0.1	2	3
124810	Drill Core	4.21	0.126	21.5	12	0.93	518	0.218	6.80	1.346	2.60	0.4	8.4	41	1.0	12.6	5.1	0.3	2	7
DUP 124810	QC	3.99	0.124	23.7	12	0.89	463	0.208	6.69	1.390	2.54	0.4	8.4	44	1.0	12.2	5.2	0.3	<1	7
124845	Drill Core	3.34	0.136	20.7	22	1.12	750	0.330	7.20	0.141	4.67	0.8	123.8	41	0.8	9.8	10.3	0.7	1	6
DUP 124845	QC	3.19	0.134	19.7	22	1.11	773	0.332	6.93	0.135	4.77	0.9	121.5	39	0.8	9.4	10.4	0.7	1	6
124880	Drill Core	3.71	0.139	20.9	18	1.22	709	0.316	7.40	0.064	3.48	0.6	119.1	43	0.7	9.7	8.9	0.5	1	6
DUP 124880	QC	3.78	0.143	21.7	18	1.23	722	0.323	7.28	0.063	3.48	0.7	119.1	45	0.7	9.6	8.9	0.5	1	6
Reference Materials																				
STD OREAS24P	Standard	5.64	0.129	17.0	186	3.86	259	1.051	7.24	2.279	0.64	0.3	130.3	35	1.4	21.3	18.4	1.0	1	19
STD OREAS24P	Standard	5.52	0.129	20.1	224	4.16	271	1.026	7.64	2.504	0.65	0.4	129.2	37	1.7	22.7	18.8	1.1	1	20
STD OREAS24P	Standard	5.57	0.130	17.8	219	4.08	275	1.042	7.92	2.350	0.70	0.4	135.7	38	1.7	23.6	19.6	1.1	<1	21
STD OREAS24P	Standard	6.24	0.135	20.2	219	4.07	282	1.115	7.49	2.355	0.65	0.5	133.9	38	1.6	23.9	20.0	1.2	1	21
STD OREAS45C	Standard	0.46	0.049	25.5	892	0.24	261	1.171	7.13	0.095	0.33	0.9	162.5	50	2.6	12.8	21.6	1.3	<1	61
STD OREAS45C	Standard	0.46	0.049	26.8	975	0.24	278	1.088	6.98	0.102	0.34	1.2	157.2	49	2.8	12.4	21.8	1.4	<1	56
STD OREAS45C	Standard	0.43	0.047	23.1	826	0.25	253	1.139	6.97	0.097	0.35	1.1	157.1	50	2.9	12.4	22.1	1.4	<1	56



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Project: Poplar Drilling

Report Date: December 09, 2011

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QUALITY CONTROL REPORT

SMI11000657.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
124771	Drill Core	2.3	78.7	0.6
REP 124771	QC	2.3	77.1	0.6
124790	Rock	<0.1	0.4	<0.1
REP 124790	QC			
REP 124810	QC	1.1	50.9	0.4
124832	Drill Core	3.7	81.2	0.7
REP 124832	QC			
124861	Drill Core	<0.1	92.9	2.9
REP 124861	QC	<0.1	101.5	2.7
124877	Drill Core	<0.1	102.6	2.4
REP 124877	QC			
Core Reject Duplicates				
124775	Drill Core	1.5	69.1	0.7
DUP 124775	QC	1.5	72.2	0.6
124810	Drill Core	1.1	51.1	0.4
DUP 124810	QC	1.0	52.9	0.3
124845	Drill Core	<0.1	125.3	3.4
DUP 124845	QC	<0.1	124.8	3.5
124880	Drill Core	<0.1	92.3	3.1
DUP 124880	QC	<0.1	89.1	3.2
Reference Materials				
STD OREAS24P	Standard	<0.1	19.5	3.1
STD OREAS24P	Standard	<0.1	20.2	3.3
STD OREAS24P	Standard	<0.1	21.3	3.6
STD OREAS24P	Standard	<0.1	21.9	3.5
STD OREAS45C	Standard	<0.1	22.4	4.0
STD OREAS45C	Standard	<0.1	21.2	4.2
STD OREAS45C	Standard	<0.1	21.3	4.4



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Project: Poplar Drilling
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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.5	633.1	25.0	86	0.3	332.7	102.1	1196	17.98	14	2.4	<0.1	11.1	35	0.3	0.9	0.2	278
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.349																		
STD OXH82	Standard		1.390																		
STD OXH82	Standard		1.284																		
STD OXH82	Standard		1.327																		
STD OXK79	Standard		3.607																		
STD OXK79	Standard		3.776																		
STD OXK79	Standard		3.803																		
STD OXK79	Standard		3.655																		
STD OXK79	Standard		3.569																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1



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QUALITY CONTROL REPORT

SMI11000657.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
STD OREAS45C	Standard	0.49	0.052	28.3	989	0.24	288	1.243	7.10	0.101	0.35	1.0	169.4	53	3.0	14.2	24.4	1.4	1
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXH82 Expected																			
STD OXK79 Expected																			
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1



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QUALITY CONTROL REPORT

SMI11000657.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	25.3	4.5
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

SMI11000657.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	5.1	20.0	52	<0.1	2.9	4.3	727	2.26	1	2.5	<0.1	8.9	703	<0.1	<0.1	0.3
G1	Prep Blank		<0.005	0.3	2.9	18.5	49	<0.1	2.7	4.4	727	2.26	2	2.3	<0.1	7.2	657	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

SMI11000657.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Prep Wash																					
G1	Prep Blank	2.17	0.080	24.1	8	0.53	1040	0.279	7.23	2.731	3.10	0.6	12.6	52	1.6	14.5	25.3	1.4	3	4	37.2
G1	Prep Blank	2.33	0.078	17.5	5	0.54	960	0.265	6.65	2.715	3.09	0.1	11.1	42	1.6	13.1	24.4	1.3	3	4	36.3



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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
Prep Wash				
G1	Prep Blank	<0.1	111.5	0.6
G1	Prep Blank	<0.1	101.1	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 24, 2011
Report Date: January 17, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000657.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_103
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124770	Drill Core	6.72	0.036	76.9	1454	26.1	86	0.8	5.0	23.6	852	2.46	409	1.0	<0.1	4.7	321	0.2	19.7	0.2
124771	Drill Core	7.26	0.045	137.8	1564	71.1	184	1.8	9.0	27.6	913	2.64	440	1.3	<0.1	4.6	401	1.2	34.4	0.3
124772	Drill Core	6.80	0.042	204.9	1796	23.1	147	1.3	7.6	22.6	571	2.05	550	1.0	<0.1	4.2	360	0.6	43.2	0.2
124773	Drill Core	6.98	0.037	143.7	1273	15.8	67	0.5	4.3	18.2	374	1.95	347	1.1	<0.1	4.7	451	0.2	9.3	0.1
124774	Drill Core	2.84	0.032	216.1	1260	14.7	61	0.5	3.8	20.0	345	2.03	327	1.1	<0.1	4.8	426	<0.1	6.7	0.1
124775	Drill Core	7.36	0.030	157.9	1184	42.0	167	1.0	4.4	19.0	628	1.94	372	1.2	<0.1	4.5	330	1.0	61.9	0.1
124776	Drill Core	7.10	0.075	173.8	2740	44.3	214	1.6	7.6	24.7	700	1.70	867	1.2	<0.1	4.7	358	0.8	95.8	0.2
124777	Drill Core	6.91	0.031	155.5	1680	125.6	340	1.6	6.3	27.7	1059	1.92	523	1.1	<0.1	4.2	299	2.2	57.9	0.1
124778	Drill Core	7.41	0.041	82.3	1707	20.9	83	0.7	4.8	22.3	454	1.51	486	1.0	<0.1	4.2	343	0.3	10.5	0.1
124779	Drill Core	6.96	0.039	210.3	1979	24.7	179	1.3	5.9	42.3	650	2.25	593	1.2	<0.1	4.3	320	0.7	33.8	0.1
124780	Drill Core	6.99	0.039	167.2	1776	18.3	123	1.1	4.3	21.0	625	1.94	320	1.0	<0.1	4.1	292	0.5	33.0	0.1
124781	Drill Core	7.40	0.039	77.2	1546	40.1	323	1.3	4.7	27.6	806	2.35	484	1.2	<0.1	4.7	339	1.7	29.5	0.2
124782	Drill Core	7.28	0.038	73.3	1720	36.4	298	1.4	4.6	25.0	993	2.11	524	1.0	<0.1	4.5	306	1.3	39.7	0.2
124783	Drill Core	7.50	0.029	83.8	1777	209.0	476	3.4	5.0	23.8	1472	2.25	525	1.1	<0.1	4.6	315	2.7	69.7	0.3
124784	Drill Core	6.99	0.034	52.3	1392	266.5	493	5.6	4.8	16.5	3948	2.24	456	0.9	<0.1	4.0	261	3.3	71.4	0.4
124785	Rock Pulp	0.14	0.414	145.7	3807	30.8	71	2.7	38.7	21.4	419	4.56	47	1.3	0.5	2.5	242	0.2	4.8	0.5
124786	Drill Core	7.34	0.038	67.1	1869	341.4	209	6.8	4.6	23.9	1378	2.18	534	1.1	<0.1	4.3	477	1.2	65.1	0.2
124787	Drill Core	7.49	0.133	56.1	2520	2026	2773	86.8	6.0	17.8	2883	2.53	589	0.9	0.1	3.4	326	25.8	539.3	0.6
124788	Drill Core	7.04	0.049	210.5	1876	685.1	1525	25.0	4.6	18.4	3313	1.76	344	1.0	<0.1	4.5	260	9.5	158.6	0.3
124789	Drill Core	5.65	0.029	126.0	1348	85.6	163	2.7	3.4	15.5	1190	1.32	114	1.0	<0.1	4.3	352	0.9	15.5	0.1
124790	Rock	0.41	<0.005	0.1	6.0	0.6	2	<0.1	1.2	<0.2	36	<0.01	19	1.4	<0.1	<0.1	4906	<0.1	0.4	<0.1
124791	Drill Core	6.46	0.032	70.1	1643	29.7	69	0.9	4.6	20.5	801	1.90	135	1.1	<0.1	4.8	1413	0.3	1.8	0.1
124792	Drill Core	7.47	0.043	73.0	1746	209.6	491	5.6	5.2	28.4	6110	2.63	562	1.1	<0.1	4.6	397	3.1	69.5	0.4
124793	Drill Core	7.67	0.053	211.0	2141	1220	1506	13.6	5.3	19.0	7849	2.46	550	1.1	<0.1	4.4	166	11.5	177.2	1.7
124794	Drill Core	6.67	0.098	97.2	4213	3283	>10000	60.2	5.6	18.8	3745	2.31	880	1.1	0.1	3.1	582	84.5	746.4	1.2
124795	Drill Core	3.34	0.103	100.7	4677	3145	8502	51.8	5.3	18.9	4003	2.28	973	1.2	0.1	3.2	614	65.3	611.4	1.7
124796	Drill Core	6.82	0.046	109.5	2106	182.3	404	6.6	5.8	23.8	3510	1.97	515	1.0	<0.1	4.8	303	2.8	85.4	0.2
124797	Drill Core	6.24	0.049	81.2	2022	993.3	4742	16.4	5.6	26.4	4311	2.52	443	1.3	<0.1	4.5	260	34.6	129.6	0.4
124798	Drill Core	8.02	0.045	51.2	2524	55.2	165	2.1	8.9	28.4	1932	2.49	462	1.0	<0.1	4.2	340	0.8	89.3	0.3
124799	Drill Core	7.49	0.059	108.6	2184	51.1	723	3.9	5.6	22.6	704	1.83	470	0.8	<0.1	4.1	325	3.8	60.7	0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124770	Drill Core	1.62	0.086	17.0	4	0.81	170	0.094	6.13	0.399	2.73	0.4	14.4	36	0.7	7.0	1.3	<0.1	1	3
124771	Drill Core	1.51	0.108	18.9	3	0.81	201	0.075	6.91	0.071	3.09	0.7	17.6	40	0.7	8.1	1.5	<0.1	2	3
124772	Drill Core	1.55	0.082	13.7	4	0.72	234	0.086	6.37	0.355	2.77	0.6	16.1	30	0.7	6.5	1.6	0.1	1	3
124773	Drill Core	1.41	0.088	14.4	3	0.74	198	0.097	6.67	1.776	2.66	0.3	18.1	33	0.7	6.9	1.8	0.1	1	3
124774	Drill Core	1.38	0.082	13.4	3	0.71	152	0.094	6.36	1.739	2.55	0.4	17.0	31	0.7	6.6	1.5	0.1	2	3
124775	Drill Core	1.22	0.086	12.3	2	0.74	286	0.086	6.24	0.358	2.82	0.5	19.0	28	0.7	6.6	1.4	0.1	2	3
124776	Drill Core	1.07	0.081	15.7	4	0.72	362	0.053	6.58	0.068	2.91	0.5	15.7	34	0.9	6.0	1.1	<0.1	1	3
124777	Drill Core	1.04	0.084	12.2	1	0.70	260	0.051	5.78	0.297	2.78	1.1	13.3	27	0.7	5.7	1.2	<0.1	<1	2
124778	Drill Core	1.30	0.084	9.9	3	0.65	353	0.072	5.88	1.006	2.59	0.4	17.0	23	0.7	6.2	1.3	<0.1	1	3
124779	Drill Core	1.92	0.098	16.1	2	0.69	112	0.077	6.13	1.400	2.43	0.4	15.4	37	0.7	8.0	1.3	<0.1	1	3
124780	Drill Core	1.77	0.078	11.0	3	0.71	204	0.092	5.94	1.081	2.23	0.4	15.4	28	0.7	7.5	1.6	<0.1	1	3
124781	Drill Core	2.10	0.089	15.1	3	0.76	250	0.090	7.18	0.115	2.73	0.5	17.0	35	0.6	7.7	1.5	0.1	1	4
124782	Drill Core	1.74	0.084	12.5	4	0.77	264	0.079	6.55	0.858	2.83	0.4	18.9	32	0.8	6.9	1.3	<0.1	1	3
124783	Drill Core	1.49	0.088	13.5	3	0.76	280	0.080	6.60	0.068	3.13	0.7	17.1	31	0.9	6.7	1.4	<0.1	1	3
124784	Drill Core	1.76	0.080	13.4	4	0.79	478	0.066	6.37	0.059	3.26	1.5	14.5	30	1.5	6.7	1.3	<0.1	1	3
124785	Rock Pulp	0.34	0.109	13.8	67	1.02	248	0.301	5.82	1.527	2.91	14.3	26.1	28	2.3	10.4	2.8	0.2	1	14
124786	Drill Core	1.43	0.085	14.8	3	0.79	396	0.088	6.55	0.067	3.22	1.3	14.9	33	1.3	6.3	1.5	<0.1	1	3
124787	Drill Core	1.07	0.066	10.4	11	0.53	69	0.070	5.37	0.047	2.60	2.0	11.7	26	1.2	6.2	1.3	<0.1	1	3
124788	Drill Core	1.56	0.081	14.0	3	0.57	478	0.077	6.54	0.063	3.15	1.0	13.2	33	0.7	7.7	1.4	<0.1	<1	3
124789	Drill Core	1.89	0.079	11.9	4	0.58	579	0.072	5.65	1.130	2.64	0.6	16.8	30	0.6	7.3	1.5	<0.1	1	3
124790	Rock	34.93	0.003	0.2	<1	1.56	8	0.001	0.02	0.003	0.01	<0.1	0.2	<1	0.1	0.3	<0.1	<0.1	<1	<1
124791	Drill Core	2.03	0.087	12.2	5	0.64	283	0.092	6.40	1.912	2.41	0.5	17.4	30	0.8	8.3	1.7	0.1	1	3
124792	Drill Core	1.69	0.087	15.7	3	0.69	440	0.095	6.77	0.064	3.19	1.7	17.3	36	0.8	7.8	1.5	<0.1	2	3
124793	Drill Core	0.73	0.073	16.4	4	0.48	241	0.059	5.73	0.056	3.21	1.9	14.0	37	1.2	6.5	1.2	<0.1	<1	3
124794	Drill Core	1.05	0.058	10.0	3	0.51	43	0.060	5.62	0.049	2.80	1.9	13.3	29	0.7	6.2	1.1	<0.1	1	3
124795	Drill Core	1.21	0.064	11.1	4	0.57	50	0.065	5.48	0.050	2.71	1.3	13.2	32	0.8	6.8	1.1	<0.1	1	3
124796	Drill Core	1.98	0.082	15.2	4	0.74	475	0.080	6.66	0.055	3.41	0.6	17.2	35	0.7	7.7	1.3	<0.1	1	4
124797	Drill Core	1.16	0.080	13.9	5	0.60	104	0.076	6.68	0.067	3.45	1.5	16.4	34	1.2	7.2	1.4	<0.1	1	3
124798	Drill Core	2.51	0.110	15.4	10	0.89	177	0.167	6.35	0.656	2.40	0.6	10.5	35	0.9	8.9	2.9	0.2	2	5
124799	Drill Core	1.83	0.080	10.5	5	0.70	217	0.106	5.81	1.616	2.33	0.5	15.5	26	0.9	6.6	1.7	0.1	1	3



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124770	Drill Core	2.0	68.0	0.5
124771	Drill Core	2.3	78.7	0.6
124772	Drill Core	1.7	64.7	0.6
124773	Drill Core	1.5	59.1	0.7
124774	Drill Core	1.6	55.9	0.6
124775	Drill Core	1.5	69.1	0.7
124776	Drill Core	1.4	69.2	0.6
124777	Drill Core	1.7	68.5	0.4
124778	Drill Core	1.3	59.0	0.7
124779	Drill Core	2.0	57.2	0.5
124780	Drill Core	1.5	52.1	0.5
124781	Drill Core	1.9	68.1	0.5
124782	Drill Core	1.7	76.1	0.6
124783	Drill Core	1.9	90.3	0.6
124784	Drill Core	1.6	108.5	0.5
124785	Rock Pulp	2.2	76.9	0.7
124786	Drill Core	1.7	98.9	0.5
124787	Drill Core	2.1	98.7	0.4
124788	Drill Core	1.5	108.6	0.5
124789	Drill Core	1.0	79.0	0.6
124790	Rock	<0.1	0.4	<0.1
124791	Drill Core	1.6	74.9	0.5
124792	Drill Core	1.8	110.0	0.6
124793	Drill Core	1.7	126.6	0.4
124794	Drill Core	2.3	111.0	0.4
124795	Drill Core	2.2	101.4	0.5
124796	Drill Core	1.3	105.3	0.6
124797	Drill Core	2.1	127.0	0.6
124798	Drill Core	1.5	70.9	0.4
124799	Drill Core	1.4	67.3	0.5



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124800	Drill Core	7.58	0.057	92.2	2703	65.2	154	2.2	6.7	28.2	616	1.78	423	1.0	<0.1	4.6	333	1.1	17.5	0.1
124801	Drill Core	7.24	0.168	251.4	5205	20.1	220	2.2	10.1	41.0	475	2.60	1163	1.5	0.1	4.6	480	0.3	95.0	0.1
124802	Drill Core	6.66	0.091	44.2	2146	683.5	6548	10.7	7.8	25.4	973	2.59	421	0.9	0.4	3.8	465	46.4	79.3	0.3
124803	Drill Core	6.71	0.042	48.6	1965	60.3	131	1.5	7.7	31.5	551	2.30	507	1.0	<0.1	4.3	622	0.9	40.2	0.3
124804	Drill Core	6.79	0.046	177.2	1862	30.4	83	1.8	9.6	28.9	631	2.67	281	0.7	<0.1	4.6	1464	0.3	8.9	0.2
124805	Drill Core	6.91	0.031	42.5	1549	46.0	127	1.9	5.8	28.5	695	2.65	68	0.9	<0.1	4.4	561	0.5	6.6	0.1
124806	Drill Core	7.01	0.035	132.8	1682	21.1	73	1.2	4.2	21.4	568	1.89	16	1.0	<0.1	4.3	455	0.4	3.2	0.1
124807	Rock Pulp	0.15	0.408	146.3	3822	30.9	71	2.6	40.0	22.0	429	4.79	42	1.2	0.8	2.6	232	0.2	3.9	0.4
124808	Drill Core	7.59	0.053	170.0	2645	9.9	30	1.2	4.9	24.9	430	2.26	18	1.2	<0.1	4.1	546	<0.1	1.2	0.1
124809	Drill Core	8.85	0.053	229.8	2345	8.8	41	1.0	5.1	18.7	425	1.78	112	1.1	<0.1	4.1	435	0.1	4.1	<0.1
124810	Drill Core	6.44	0.052	54.3	1762	8.5	67	0.8	9.1	18.8	1101	2.48	143	0.8	<0.1	4.1	480	0.2	8.3	<0.1
124811	Rock	0.79	<0.005	0.2	6.7	0.2	<1	<0.1	0.1	0.3	32	<0.01	6	1.3	<0.1	<0.1	4118	<0.1	<0.1	<0.1
124812	Drill Core	6.14	0.039	375.6	1801	17.8	74	1.0	4.7	23.6	1344	1.92	208	1.6	<0.1	4.6	465	0.5	14.7	<0.1
124813	Drill Core	6.16	0.036	107.8	1489	10.9	34	0.5	5.6	31.2	181	2.56	<1	1.1	<0.1	4.2	470	<0.1	0.4	0.1
124814	Drill Core	7.66	0.041	232.2	2026	12.7	52	0.6	12.9	43.3	234	3.80	2	0.8	<0.1	4.3	444	<0.1	0.3	0.1
124815	Drill Core	6.63	0.031	80.5	1553	9.1	33	0.5	5.9	30.4	208	2.67	<1	1.1	<0.1	4.3	480	<0.1	0.3	<0.1
124816	Drill Core	3.58	0.030	57.5	1746	10.4	34	0.6	6.1	29.7	196	2.70	2	1.2	<0.1	4.5	472	<0.1	0.3	<0.1
124817	Drill Core	7.52	0.039	146.0	1866	15.9	47	0.9	6.4	31.4	486	2.19	51	1.4	<0.1	4.1	665	<0.1	2.2	0.2
124818	Drill Core	7.32	0.037	44.4	1994	122.1	321	3.4	5.9	30.3	2123	2.31	130	1.1	<0.1	4.3	354	2.2	27.4	0.5
124819	Drill Core	6.78	0.045	93.2	2094	25.6	59	1.8	5.8	32.5	791	2.37	24	1.2	<0.1	4.1	562	0.4	2.3	0.1
124820	Drill Core	7.50	0.059	45.8	2021	58.6	131	2.8	5.9	27.3	1450	2.24	13	1.0	0.2	3.7	454	0.6	6.5	0.1
124821	Drill Core	7.37	0.081	80.9	2252	178.2	763	3.3	5.6	29.2	752	2.29	24	1.2	<0.1	4.2	437	4.7	5.4	0.7
124822	Drill Core	7.57	0.066	50.9	2476	11.5	52	1.0	5.0	25.3	311	2.06	7	1.1	<0.1	3.7	318	0.2	0.9	<0.1
124823	Drill Core	5.52	0.052	50.7	2101	46.9	104	1.6	5.2	22.8	785	2.08	168	1.1	<0.1	4.0	429	0.5	16.0	0.9
124824	Drill Core	4.88	0.018	28.0	791.6	11.5	57	0.2	5.4	19.2	239	3.59	<1	1.3	<0.1	3.6	197	0.3	0.5	0.2
124825	Drill Core	6.10	0.036	71.2	1107	21.2	83	0.9	5.8	19.5	714	3.51	<1	1.3	<0.1	3.8	174	0.3	0.9	0.3
124826	Drill Core	6.05	0.017	93.4	464.3	19.7	78	0.5	4.7	18.1	575	3.44	<1	1.3	<0.1	3.6	170	0.1	1.0	0.3
124827	Rock Pulp	0.15	0.883	164.1	3658	52.1	133	3.4	27.8	21.0	488	4.99	61	1.0	0.9	2.2	210	0.7	7.6	0.6
124828	Drill Core	5.81	0.023	69.0	803.4	1569	899	6.8	5.6	26.6	2616	3.82	11	1.2	<0.1	3.4	187	4.7	14.6	1.6
124829	Drill Core	6.12	0.014	76.7	522.9	15.3	52	0.3	5.4	17.2	333	3.07	2	1.0	0.1	4.4	234	0.3	0.8	0.3



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124800	Drill Core	1.78	0.085	13.8	4	0.68	307	0.094	6.36	2.025	2.29	0.4	16.6	33	0.9	7.6	1.6	0.1	2	3
124801	Drill Core	1.68	0.108	23.5	8	0.82	91	0.087	5.98	0.998	2.67	0.7	11.1	50	1.9	8.3	1.8	0.1	1	4
124802	Drill Core	1.92	0.093	11.5	7	0.77	54	0.109	6.00	0.837	2.71	0.7	13.3	30	1.2	7.5	2.0	0.1	1	4
124803	Drill Core	1.70	0.097	16.2	5	0.77	225	0.123	6.66	1.282	2.71	0.5	14.3	33	1.0	7.9	2.5	0.2	2	5
124804	Drill Core	2.13	0.121	19.8	14	0.81	184	0.203	7.40	1.356	3.21	0.5	9.1	41	1.0	9.6	4.5	0.3	2	7
124805	Drill Core	2.22	0.096	13.2	5	0.65	152	0.130	6.85	1.929	3.00	0.6	16.2	26	0.7	8.6	2.6	0.2	1	5
124806	Drill Core	1.97	0.088	19.8	5	0.60	182	0.089	6.59	1.841	2.88	0.4	15.7	40	0.8	8.2	1.6	<0.1	1	4
124807	Rock Pulp	0.39	0.110	16.2	67	1.08	432	0.286	6.22	1.521	4.29	13.6	26.3	30	2.4	10.9	2.7	0.2	<1	15
124808	Drill Core	2.16	0.101	18.7	4	0.66	136	0.093	6.85	2.004	3.10	0.6	17.6	35	1.0	9.2	1.4	0.1	1	4
124809	Drill Core	2.55	0.087	16.8	5	0.69	390	0.105	6.02	2.043	2.58	0.5	16.4	33	1.0	7.4	2.0	0.1	1	4
124810	Drill Core	4.21	0.126	21.5	12	0.93	518	0.218	6.80	1.346	2.60	0.4	8.4	41	1.0	12.6	5.1	0.3	2	7
124811	Rock	35.74	0.003	0.5	<1	1.71	7	<0.001	0.03	0.005	<0.01	<0.1	0.2	<1	<0.1	0.2	0.1	<0.1	<1	<1
124812	Drill Core	4.83	0.094	31.1	2	0.67	247	0.080	6.30	1.792	2.50	0.5	15.7	53	0.7	10.4	1.6	0.1	1	4
124813	Drill Core	2.24	0.089	14.9	6	0.62	78	0.095	6.60	2.384	2.77	0.6	16.6	30	1.0	8.3	1.9	0.1	2	5
124814	Drill Core	2.84	0.120	19.3	13	0.80	52	0.166	6.86	2.063	2.64	0.3	7.5	40	1.0	11.8	3.2	0.2	1	7
124815	Drill Core	2.56	0.102	14.8	10	0.74	104	0.125	6.74	2.596	2.73	0.3	15.1	29	0.8	9.9	2.6	0.2	1	5
124816	Drill Core	2.33	0.099	12.4	10	0.72	80	0.118	6.85	2.740	2.77	0.4	17.7	26	0.8	9.1	2.1	0.2	1	5
124817	Drill Core	2.08	0.093	18.7	5	0.66	97	0.091	6.70	2.182	2.91	0.4	18.6	36	0.9	8.3	1.9	0.1	1	4
124818	Drill Core	1.97	0.101	16.2	5	0.69	263	0.135	6.64	1.441	3.09	0.8	16.1	33	0.9	7.9	2.5	0.2	1	5
124819	Drill Core	1.94	0.102	25.1	5	0.65	122	0.114	6.47	2.253	3.19	0.4	21.1	46	0.8	9.1	1.9	0.1	1	5
124820	Drill Core	2.05	0.088	18.6	5	0.57	116	0.086	6.51	2.068	3.43	0.6	17.7	33	0.9	7.8	1.5	<0.1	1	4
124821	Drill Core	1.78	0.086	22.2	3	0.56	120	0.095	6.61	1.857	3.12	0.7	18.2	39	0.9	8.4	1.7	0.1	<1	3
124822	Drill Core	2.12	0.089	11.7	5	0.53	332	0.115	6.51	2.699	2.07	0.5	18.7	22	0.7	7.3	2.2	0.2	1	4
124823	Drill Core	2.18	0.087	15.1	4	0.57	262	0.115	6.60	1.930	2.64	0.7	19.7	29	0.7	7.3	2.4	0.2	1	4
124824	Drill Core	0.81	0.116	17.1	6	0.95	47	0.068	6.41	2.588	1.85	0.2	22.3	34	1.2	9.6	1.0	<0.1	1	6
124825	Drill Core	0.86	0.118	18.3	6	0.97	58	0.062	6.72	2.099	2.37	0.3	18.7	37	1.5	8.8	1.1	<0.1	1	6
124826	Drill Core	0.81	0.120	17.3	5	0.77	47	0.062	6.35	1.423	2.84	0.5	20.6	36	1.9	8.1	0.8	<0.1	1	5
124827	Rock Pulp	0.39	0.109	13.4	44	0.85	177	0.243	6.18	1.173	3.55	24.3	21.3	26	2.8	10.1	3.1	0.2	1	12
124828	Drill Core	0.79	0.093	16.7	4	0.69	43	0.062	6.38	0.752	2.97	0.5	16.6	35	2.4	7.3	1.1	<0.1	1	4
124829	Drill Core	0.84	0.091	20.8	3	0.64	49	0.053	6.53	1.741	2.25	0.4	11.2	41	2.2	6.9	0.9	<0.1	1	4



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124800	Drill Core	1.4	65.4	0.6
124801	Drill Core	2.3	70.5	0.4
124802	Drill Core	2.4	83.1	0.5
124803	Drill Core	1.6	71.1	0.6
124804	Drill Core	1.6	73.6	0.4
124805	Drill Core	1.7	77.4	0.6
124806	Drill Core	1.5	68.9	0.6
124807	Rock Pulp	2.1	110.0	0.7
124808	Drill Core	2.0	73.3	0.6
124809	Drill Core	1.2	55.9	0.6
124810	Drill Core	1.1	51.1	0.4
124811	Rock	<0.1	<0.1	<0.1
124812	Drill Core	1.5	55.2	0.7
124813	Drill Core	2.8	54.3	0.6
124814	Drill Core	4.0	55.9	0.3
124815	Drill Core	2.7	55.8	0.5
124816	Drill Core	2.8	53.6	0.6
124817	Drill Core	2.2	62.3	0.6
124818	Drill Core	1.5	85.3	0.7
124819	Drill Core	2.1	85.3	0.7
124820	Drill Core	2.3	90.1	0.7
124821	Drill Core	2.1	82.0	0.6
124822	Drill Core	1.4	47.4	0.6
124823	Drill Core	1.4	66.1	0.7
124824	Drill Core	3.4	47.9	0.7
124825	Drill Core	3.5	64.0	0.6
124826	Drill Core	3.7	71.8	0.7
124827	Rock Pulp	2.6	93.4	0.6
124828	Drill Core	3.9	81.3	0.6
124829	Drill Core	3.3	59.0	0.4



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124830	Drill Core	5.82	0.021	72.8	607.8	24.0	92	0.5	8.2	18.6	492	3.57	2	1.0	<0.1	3.5	211	0.4	0.6	0.2
124831	Rock	0.56	<0.005	0.1	2.6	0.7	2	<0.1	<0.1	<0.2	33	<0.01	3	1.4	<0.1	<0.1	4312	<0.1	<0.1	<0.1
124832	Drill Core	5.80	0.019	125.2	723.2	38.2	126	0.8	10.4	18.5	997	3.71	<1	1.2	<0.1	4.1	157	0.5	0.4	0.2
124833	Drill Core	3.78	0.032	82.3	771.4	107.5	445	2.1	7.2	15.5	2847	3.22	9	1.1	<0.1	3.5	282	2.8	7.9	0.2
124834	Drill Core	6.41	0.022	132.7	724.5	36.8	161	0.8	6.8	17.8	1251	3.16	4	1.0	<0.1	3.3	391	0.7	1.7	0.2
124835	Drill Core	6.05	0.034	78.0	863.8	105.0	615	2.5	10.2	18.6	3532	3.45	13	0.8	<0.1	3.0	374	3.1	14.3	0.2
124836	Drill Core	4.51	0.028	74.3	865.8	88.9	579	2.3	11.2	19.5	3331	3.46	12	0.9	<0.1	2.6	396	3.2	14.3	0.2
124837	Drill Core	8.57	0.016	29.5	402.8	169.5	801	4.1	8.9	13.5	7865	3.44	18	1.5	<0.1	4.1	622	4.8	12.7	0.4
124838	Drill Core	5.17	<0.005	1.8	58.5	39.1	157	0.6	11.8	7.3	2084	2.33	11	3.1	<0.1	8.0	562	0.6	5.4	0.4
124839	Drill Core	6.30	<0.005	0.8	19.9	36.5	121	0.8	11.7	6.9	1273	2.14	8	2.9	<0.1	8.5	414	0.4	3.8	0.3
124840	Drill Core	5.33	<0.005	0.4	11.7	28.9	126	0.5	10.9	6.9	1097	2.05	8	3.3	<0.1	9.3	353	0.4	3.1	0.3
124841	Drill Core	6.03	<0.005	0.5	9.4	30.0	121	0.3	10.9	7.9	1240	2.28	9	2.4	<0.1	7.5	444	0.4	3.7	0.3
124842	Drill Core	3.53	<0.005	5.3	245.9	84.5	258	1.9	12.1	9.9	1573	2.47	15	2.4	<0.1	8.2	757	1.3	4.5	0.3
124843	Drill Core	5.18	<0.005	0.4	16.7	22.7	119	0.4	10.8	7.2	1360	2.13	7	2.8	<0.1	8.0	458	0.4	4.1	0.2
124844	Rock Pulp	0.10	0.473	154.1	4062	30.4	72	2.8	41.5	22.1	417	4.85	49	1.3	0.3	2.7	217	0.4	4.6	0.5
124845	Drill Core	5.07	<0.005	0.7	30.9	41.0	144	0.3	13.7	8.9	2277	2.67	9	2.4	<0.1	6.0	375	0.5	6.3	0.2
124846	Drill Core	6.19	<0.005	2.9	27.9	32.2	126	<0.1	14.6	9.2	1684	2.71	8	2.1	<0.1	6.2	416	0.3	6.3	0.2
124847	Drill Core	4.72	<0.005	0.4	11.8	27.6	164	0.1	13.6	9.8	3051	2.67	7	2.6	<0.1	5.7	410	0.4	10.2	0.1
124848	Drill Core	6.25	0.047	8.2	1025	155.2	510	11.1	10.6	14.4	>10000	5.52	34	4.4	<0.1	3.4	637	3.0	32.7	1.1
124849	Drill Core	5.94	<0.005	1.3	91.2	80.7	161	2.2	12.8	9.7	3082	2.44	36	7.2	<0.1	7.8	1101	0.4	17.7	0.3
124850	Drill Core	4.40	<0.005	0.4	12.2	23.3	127	0.1	10.2	7.1	1296	2.06	19	3.3	<0.1	8.5	436	0.3	5.1	0.2
124851	Drill Core	4.24	<0.005	0.5	12.0	24.2	138	0.2	9.9	7.5	1806	2.05	15	4.2	<0.1	8.9	430	0.4	4.6	0.1
124852	Drill Core	6.18	<0.005	0.6	26.7	27.9	147	0.3	11.4	8.1	1511	2.29	13	2.8	<0.1	8.0	552	0.5	5.6	0.2
124853	Rock	0.61	<0.005	0.1	0.9	0.2	<1	<0.1	<0.1	<0.2	38	<0.01	21	1.6	<0.1	<0.1	4304	<0.1	<0.1	<0.1
124854	Drill Core	4.86	0.064	13.9	2213	15.7	90	0.6	7.3	18.5	885	3.41	33	2.1	<0.1	5.9	231	0.2	1.5	0.2
124855	Drill Core	6.07	0.056	28.5	1871	19.8	148	0.5	6.7	20.6	631	3.52	263	2.6	<0.1	5.3	587	0.3	8.5	0.1
124856	Drill Core	6.44	0.036	31.8	1628	68.1	374	1.4	6.4	16.1	805	3.12	455	3.4	<0.1	5.6	1357	1.7	33.8	0.2
124857	Drill Core	6.44	0.051	18.8	1766	56.9	204	0.8	8.3	15.5	874	3.04	460	2.2	<0.1	5.6	1104	0.6	30.4	0.1
124858	Drill Core	6.61	0.040	30.5	1444	44.9	127	0.8	10.0	18.7	508	3.53	422	1.3	<0.1	3.9	637	1.0	20.6	0.2
124859	Drill Core	3.67	0.061	33.5	1340	33.6	107	0.8	10.8	20.2	541	3.61	363	1.3	<0.1	3.9	556	0.8	18.8	0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124830	Drill Core	0.89	0.098	16.1	8	0.75	55	0.063	6.19	1.102	2.56	0.6	15.8	33	2.5	6.9	1.0	<0.1	1	5
124831	Rock	36.75	0.004	0.4	<1	1.82	7	<0.001	0.10	0.004	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
124832	Drill Core	1.54	0.130	16.7	9	0.84	58	0.067	6.87	1.148	2.77	0.6	18.0	36	2.1	9.2	0.9	<0.1	1	7
124833	Drill Core	2.03	0.120	17.5	7	0.87	91	0.049	7.28	0.420	2.97	0.4	18.4	36	1.4	8.8	0.6	<0.1	2	7
124834	Drill Core	3.34	0.107	15.6	6	0.90	59	0.060	6.50	1.014	2.43	0.3	17.7	31	1.2	8.7	0.5	<0.1	2	7
124835	Drill Core	3.60	0.109	14.0	8	0.91	75	0.056	6.48	0.341	2.86	0.4	15.5	28	1.1	8.0	0.7	<0.1	<1	7
124836	Drill Core	3.68	0.110	11.4	6	0.85	92	0.041	6.24	0.470	2.73	0.3	13.2	26	0.9	7.4	0.3	<0.1	1	6
124837	Drill Core	2.36	0.119	19.5	7	0.87	223	0.167	7.48	0.071	3.29	1.7	30.7	37	1.2	7.5	3.0	0.2	1	7
124838	Drill Core	3.23	0.119	23.1	17	1.44	1071	0.298	7.39	0.031	2.66	0.8	106.0	44	0.8	10.1	10.3	0.8	2	6
124839	Drill Core	3.09	0.093	19.6	14	1.16	1056	0.244	6.89	0.045	4.09	0.8	89.1	37	0.6	9.4	10.6	0.8	2	5
124840	Drill Core	3.06	0.087	19.5	14	1.20	1023	0.211	6.92	0.037	3.92	0.9	77.7	37	0.7	9.7	9.8	0.8	<1	4
124841	Drill Core	2.98	0.086	17.3	15	1.12	1026	0.227	6.48	0.030	3.62	0.8	79.0	33	0.6	8.8	9.8	0.7	1	4
124842	Drill Core	2.51	0.110	22.5	16	1.04	803	0.255	7.26	0.040	3.84	1.1	87.5	42	0.9	9.2	9.4	0.6	1	6
124843	Drill Core	2.75	0.091	18.8	16	0.97	1212	0.235	6.79	0.042	4.19	0.9	89.3	36	0.6	9.4	10.4	0.7	2	5
124844	Rock Pulp	0.37	0.113	16.5	70	1.10	354	0.300	6.27	1.487	3.92	17.0	29.5	30	2.6	11.4	3.0	0.2	1	15
124845	Drill Core	3.34	0.136	20.7	22	1.12	750	0.330	7.20	0.141	4.67	0.8	123.8	41	0.8	9.8	10.3	0.7	1	6
124846	Drill Core	3.23	0.133	21.6	23	1.08	832	0.328	7.05	0.128	4.59	0.7	119.6	41	0.8	9.7	10.2	0.6	1	6
124847	Drill Core	3.18	0.126	21.5	24	1.10	861	0.330	7.01	0.065	4.10	1.1	119.2	43	0.7	10.2	9.8	0.6	1	6
124848	Drill Core	3.14	0.082	18.2	11	1.40	58	0.193	5.71	0.045	2.70	3.0	53.5	36	1.0	10.2	4.4	0.2	1	5
124849	Drill Core	2.88	0.134	26.8	22	1.14	785	0.330	7.78	0.027	3.08	3.1	123.5	50	0.8	11.3	10.2	0.6	2	7
124850	Drill Core	3.10	0.088	20.6	15	1.17	980	0.228	6.79	0.028	3.04	0.9	84.1	38	0.5	9.2	9.7	0.7	2	5
124851	Drill Core	2.86	0.091	19.9	16	1.07	1051	0.228	7.08	0.035	3.46	1.5	88.2	38	0.7	10.1	10.5	0.7	1	5
124852	Drill Core	3.38	0.106	23.1	15	1.31	1020	0.269	7.18	0.033	3.38	0.9	99.6	43	0.7	10.1	9.7	0.7	1	5
124853	Rock	37.50	0.003	0.3	<1	1.83	7	0.001	0.03	0.002	<0.01	<0.1	0.5	<1	<0.1	0.2	0.1	<0.1	<1	<1
124854	Drill Core	2.47	0.120	15.9	5	1.01	321	0.158	7.36	0.577	2.33	0.2	26.9	33	1.0	12.5	3.2	0.2	<1	7
124855	Drill Core	1.98	0.121	18.2	6	0.93	164	0.122	7.38	0.062	2.21	0.7	26.6	36	1.0	11.2	2.0	0.1	1	7
124856	Drill Core	1.43	0.130	20.9	7	0.78	109	0.110	7.48	0.058	2.51	0.7	31.8	42	1.2	11.4	1.9	0.1	1	7
124857	Drill Core	2.52	0.118	22.4	8	1.03	232	0.122	7.08	0.048	1.82	1.0	22.5	40	1.4	9.4	2.2	0.1	<1	7
124858	Drill Core	1.89	0.103	13.8	15	0.96	143	0.097	6.53	0.102	2.75	1.1	12.0	29	2.6	7.5	1.9	0.1	<1	7
124859	Drill Core	2.01	0.096	13.6	15	0.97	121	0.093	6.51	0.108	2.85	1.1	10.6	28	2.7	7.1	1.7	0.1	<1	7



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124830	Drill Core	3.7	65.5	0.5
124831	Rock	<0.1	0.1	<0.1
124832	Drill Core	3.7	81.2	0.7
124833	Drill Core	3.4	97.0	0.6
124834	Drill Core	4.4	76.6	0.6
124835	Drill Core	4.5	81.5	0.5
124836	Drill Core	4.8	55.3	0.4
124837	Drill Core	2.5	129.5	0.9
124838	Drill Core	<0.1	97.5	3.3
124839	Drill Core	<0.1	134.8	2.9
124840	Drill Core	<0.1	153.5	2.5
124841	Drill Core	<0.1	114.2	2.6
124842	Drill Core	0.2	149.9	2.7
124843	Drill Core	<0.1	143.1	2.6
124844	Rock Pulp	2.4	88.4	0.9
124845	Drill Core	<0.1	125.3	3.4
124846	Drill Core	<0.1	131.8	3.3
124847	Drill Core	<0.1	107.4	3.2
124848	Drill Core	1.9	123.1	1.3
124849	Drill Core	0.1	127.6	3.6
124850	Drill Core	<0.1	119.6	2.7
124851	Drill Core	<0.1	136.0	2.6
124852	Drill Core	<0.1	128.7	2.9
124853	Rock	<0.1	0.4	<0.1
124854	Drill Core	2.4	60.8	0.8
124855	Drill Core	3.1	49.2	0.9
124856	Drill Core	2.9	65.1	0.9
124857	Drill Core	2.3	51.8	0.7
124858	Drill Core	3.1	67.5	0.4
124859	Drill Core	3.4	68.1	0.3



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Poplar Drilling

Report Date:

January 17, 2012

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124860	Drill Core	5.25	0.045	24.4	1554	50.2	140	1.1	9.1	15.2	614	3.37	482	1.6	<0.1	3.8	829	0.9	32.5	0.1
124861	Drill Core	6.06	<0.005	0.3	26.2	31.2	117	0.3	11.1	6.8	987	2.06	18	2.6	<0.1	7.6	1433	0.7	3.9	0.2
124862	Drill Core	5.88	<0.005	0.3	16.9	30.8	108	0.3	10.3	6.8	724	1.98	21	2.7	<0.1	8.4	1347	0.3	4.0	0.1
124863	Drill Core	6.04	<0.005	0.3	23.1	34.2	104	0.8	10.9	7.4	694	2.04	15	2.8	<0.1	8.6	994	0.5	3.3	0.1
124864	Drill Core	6.15	<0.005	0.5	21.8	40.6	107	0.7	10.3	7.5	715	2.04	15	2.8	<0.1	7.8	872	0.5	3.3	<0.1
124865	Drill Core	5.59	<0.005	0.4	68.9	46.0	143	1.2	10.5	8.1	818	1.96	14	3.0	<0.1	8.7	677	0.6	3.2	<0.1
124866	Rock Pulp	0.10	0.469	153.7	3995	28.5	70	2.5	40.6	22.0	404	4.82	49	1.3	0.3	2.4	207	0.5	4.5	0.4
124867	Drill Core	6.24	<0.005	0.4	14.8	33.1	150	0.9	10.1	7.3	702	2.01	12	3.8	<0.1	9.2	529	0.5	2.1	<0.1
124868	Drill Core	6.29	<0.005	0.3	33.5	36.9	139	1.0	9.0	6.0	742	1.81	12	3.6	<0.1	9.5	582	0.4	2.6	0.1
124869	Drill Core	6.47	<0.005	0.4	46.2	44.3	158	1.9	9.2	6.9	763	1.96	11	4.2	<0.1	9.4	664	0.6	2.1	0.1
124870	Drill Core	6.02	<0.005	0.6	90.2	44.3	149	2.1	9.3	6.7	846	1.78	13	5.3	<0.1	9.2	713	0.7	2.2	0.1
124871	Drill Core	6.33	<0.005	0.3	12.9	37.5	157	0.4	8.7	6.6	812	1.99	16	3.5	<0.1	8.5	622	0.5	1.9	<0.1
124872	Rock	0.69	<0.005	<0.1	0.6	0.1	<1	<0.1	<0.1	0.4	49	<0.01	25	1.6	<0.1	<0.1	4274	<0.1	<0.1	<0.1
124873	Drill Core	6.52	<0.005	0.4	19.3	26.0	130	0.3	9.6	6.3	832	1.94	6	2.2	<0.1	7.0	689	0.4	2.1	<0.1
124874	Drill Core	7.02	<0.005	0.5	38.8	22.1	118	1.1	10.7	6.8	708	1.88	7	2.7	<0.1	6.9	423	0.4	2.4	<0.1
124875	Drill Core	6.70	<0.005	0.4	19.6	24.2	107	0.5	9.9	6.6	657	1.63	15	3.4	<0.1	6.8	387	0.3	2.9	0.1
124876	Drill Core	5.66	<0.005	0.6	26.0	24.8	101	0.6	11.5	6.7	584	1.90	7	2.7	<0.1	6.7	336	0.2	3.1	0.2
124877	Drill Core	3.68	<0.005	0.7	30.4	25.0	103	0.5	10.2	7.1	579	1.83	8	2.7	<0.1	7.1	344	0.2	3.4	0.1
124878	Drill Core	5.69	<0.005	0.6	50.6	25.1	100	0.6	11.7	7.3	651	2.06	23	3.1	<0.1	6.4	389	0.1	3.9	0.3
124879	Drill Core	5.93	<0.005	0.9	26.1	21.3	105	0.3	13.2	7.7	642	2.12	7	2.9	<0.1	7.0	346	0.3	4.3	0.3
124880	Drill Core	3.50	<0.005	1.6	17.4	25.1	132	0.2	12.9	8.0	935	2.22	7	2.9	<0.1	5.1	438	0.5	5.9	0.4
124881	Drill Core	6.72	0.011	20.3	527.0	28.8	143	0.8	6.8	19.9	522	2.40	11	1.6	<0.1	3.9	617	0.9	1.4	0.2
124882	Drill Core	6.97	0.015	24.2	468.9	15.5	56	0.3	6.0	15.1	428	2.19	5	1.1	<0.1	4.2	588	0.2	0.9	0.2
124883	Drill Core	6.48	0.017	38.4	767.4	32.6	189	0.4	8.1	25.9	440	2.72	7	1.2	<0.1	3.9	500	0.9	1.0	0.2
124884	Drill Core	2.69	0.016	28.2	715.0	31.2	81	0.6	8.1	31.1	428	3.13	22	1.5	<0.1	4.3	423	0.5	3.0	0.1
124885	Rock Pulp	0.10	0.476	145.9	3951	28.0	74	2.7	41.8	22.4	463	4.87	48	1.1	0.3	2.6	248	0.3	4.0	0.5
124886	Drill Core	6.55	<0.005	0.8	27.2	21.4	111	0.1	12.6	7.7	694	2.17	6	2.5	<0.1	6.1	401	0.2	5.6	0.3
124887	Drill Core	6.00	<0.005	0.5	8.9	17.4	85	<0.1	10.9	6.5	641	1.99	4	2.5	<0.1	6.6	355	0.3	2.7	0.1
124888	Drill Core	6.62	<0.005	0.8	20.0	16.9	75	0.3	10.7	7.0	527	2.08	5	2.5	<0.1	7.0	383	0.2	2.6	0.2
124889	Rock	0.58	<0.005	<0.1	1.2	<0.1	<1	<0.1	<0.1	<0.2	30	<0.01	7	1.1	<0.1	<0.1	3743	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124860	Drill Core	2.00	0.087	12.3	6	0.93	106	0.073	6.03	0.081	2.57	0.8	14.5	25	1.8	6.3	1.8	0.1	<1	4
124861	Drill Core	2.96	0.103	20.0	17	1.03	967	0.259	6.96	0.022	2.80	1.8	94.8	38	0.8	8.8	9.9	0.7	1	5
124862	Drill Core	2.68	0.102	21.1	17	0.94	1137	0.255	6.96	0.025	2.75	1.7	90.5	40	0.7	8.9	10.4	0.7	2	5
124863	Drill Core	2.78	0.100	21.1	17	0.97	866	0.263	7.20	0.034	3.26	1.2	95.2	40	0.7	9.1	10.2	0.8	1	5
124864	Drill Core	2.93	0.103	17.8	16	0.92	1016	0.251	6.85	0.042	3.65	0.9	91.7	35	0.6	8.6	10.5	0.8	2	5
124865	Drill Core	3.37	0.091	17.7	14	0.95	1219	0.225	6.78	0.034	3.47	0.9	89.5	36	0.6	9.3	10.3	0.8	2	5
124866	Rock Pulp	0.34	0.115	14.0	62	1.07	323	0.281	5.72	1.408	4.10	12.7	27.4	26	2.5	10.1	2.9	0.2	1	14
124867	Drill Core	2.88	0.081	18.7	11	1.02	1095	0.175	6.71	0.031	3.11	0.8	76.1	35	0.6	9.0	9.4	0.7	2	4
124868	Drill Core	2.67	0.082	18.1	13	0.90	1115	0.206	6.86	0.039	3.70	0.9	79.1	35	0.6	8.8	10.1	0.8	2	4
124869	Drill Core	3.30	0.085	20.7	15	0.97	1084	0.200	7.06	0.033	3.22	0.9	80.1	39	0.6	9.0	9.6	0.7	2	4
124870	Drill Core	2.81	0.081	19.1	13	1.02	1149	0.182	6.82	0.026	2.70	0.8	79.5	36	0.7	9.0	9.5	0.7	1	4
124871	Drill Core	2.86	0.084	17.4	14	0.93	907	0.168	6.66	0.023	2.80	0.9	76.2	34	0.7	8.4	8.6	0.7	1	4
124872	Rock	38.95	0.004	0.1	<1	1.78	9	<0.001	0.04	0.001	<0.01	<0.1	0.3	<1	0.2	0.2	<0.1	<0.1	<1	<1
124873	Drill Core	3.00	0.080	15.5	12	0.98	1011	0.195	6.58	0.025	2.67	1.3	77.5	31	0.5	7.8	9.1	0.7	2	4
124874	Drill Core	2.91	0.082	15.1	11	0.98	1187	0.194	6.44	0.036	2.50	0.9	78.2	31	0.6	8.0	9.1	0.7	1	4
124875	Drill Core	2.86	0.084	13.9	11	0.86	970	0.193	6.56	0.043	3.27	0.7	75.0	29	0.5	7.5	9.4	0.7	2	4
124876	Drill Core	2.98	0.083	13.8	11	0.81	901	0.218	6.45	0.045	3.19	0.6	81.9	29	0.5	7.5	9.5	0.7	2	4
124877	Drill Core	3.06	0.086	16.3	12	0.83	1010	0.217	6.70	0.047	3.34	0.6	81.1	34	0.5	8.1	9.6	0.7	2	4
124878	Drill Core	3.01	0.096	15.3	13	0.95	1040	0.235	6.70	0.049	3.34	0.6	89.4	32	0.6	7.9	9.6	0.7	1	5
124879	Drill Core	3.35	0.108	18.2	16	1.01	1114	0.248	7.29	0.049	3.39	0.6	94.3	36	0.6	8.4	9.2	0.7	1	5
124880	Drill Core	3.71	0.139	20.9	18	1.22	709	0.316	7.40	0.064	3.48	0.6	119.1	43	0.7	9.7	8.9	0.5	1	6
124881	Drill Core	3.45	0.133	19.3	5	0.88	119	0.098	6.97	0.148	2.70	0.3	22.6	42	0.9	10.2	1.8	<0.1	1	5
124882	Drill Core	3.31	0.128	13.6	7	0.89	72	0.126	7.38	0.610	2.66	0.2	27.1	31	0.6	9.2	2.1	0.1	<1	6
124883	Drill Core	3.14	0.121	14.0	6	0.95	73	0.113	7.26	0.475	2.60	0.4	23.8	30	1.0	8.9	2.0	0.1	<1	6
124884	Drill Core	2.14	0.138	14.2	7	1.00	34	0.120	7.60	1.275	2.57	0.2	26.5	33	0.7	8.7	2.0	0.1	1	6
124885	Rock Pulp	0.39	0.113	15.5	64	1.09	84	0.299	7.49	1.601	4.65	13.8	27.4	31	2.5	13.0	2.9	0.2	2	17
124886	Drill Core	2.98	0.114	17.9	14	1.03	891	0.270	7.04	0.387	3.07	0.5	95.7	36	0.7	8.1	8.9	0.6	1	5
124887	Drill Core	2.88	0.095	16.4	14	0.96	1007	0.237	6.87	0.213	3.24	0.6	90.6	33	0.7	8.3	9.3	0.7	1	5
124888	Drill Core	2.74	0.092	15.0	12	0.90	961	0.229	6.87	0.681	3.13	0.7	87.5	32	0.7	7.7	9.9	0.7	2	5
124889	Rock	34.84	0.002	0.2	<1	1.48	5	<0.001	<0.01	0.002	0.01	<0.1	0.3	<1	0.1	0.2	<0.1	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000657.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124860	Drill Core	3.0	59.4	0.5
124861	Drill Core	<0.1	92.9	2.9
124862	Drill Core	<0.1	105.7	2.7
124863	Drill Core	<0.1	116.5	3.0
124864	Drill Core	<0.1	106.7	2.9
124865	Drill Core	<0.1	113.1	2.9
124866	Rock Pulp	2.4	92.4	0.8
124867	Drill Core	<0.1	122.2	2.4
124868	Drill Core	<0.1	133.2	2.6
124869	Drill Core	<0.1	124.9	2.4
124870	Drill Core	<0.1	105.6	2.5
124871	Drill Core	<0.1	93.1	2.4
124872	Rock	<0.1	0.1	<0.1
124873	Drill Core	<0.1	88.2	2.2
124874	Drill Core	<0.1	76.9	2.4
124875	Drill Core	<0.1	95.1	2.4
124876	Drill Core	<0.1	88.8	2.4
124877	Drill Core	<0.1	102.6	2.4
124878	Drill Core	<0.1	92.1	2.4
124879	Drill Core	<0.1	96.7	2.7
124880	Drill Core	<0.1	92.3	3.1
124881	Drill Core	2.0	63.1	0.6
124882	Drill Core	2.3	57.2	0.7
124883	Drill Core	2.8	54.4	0.7
124884	Drill Core	2.7	66.5	0.7
124885	Rock Pulp	2.1	110.1	0.7
124886	Drill Core	0.2	79.1	2.6
124887	Drill Core	<0.1	84.8	2.5
124888	Drill Core	<0.1	83.8	2.6
124889	Rock	<0.1	0.3	<0.1



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QUALITY CONTROL REPORT

SMI11000657.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
124771	Drill Core	7.26	0.045	137.8	1564	71.1	184	1.8	9.0	27.6	913	2.64	440	1.3	<0.1	4.6	401	1.2	34.4	0.3	28
REP 124771	QC			128.0	1569	69.2	189	1.9	9.3	27.9	964	2.73	446	1.4	<0.1	4.8	394	1.1	35.4	0.3	28
124790	Rock	0.41	<0.005	0.1	6.0	0.6	2	<0.1	1.2	<0.2	36	<0.01	19	1.4	<0.1	<0.1	4906	<0.1	0.4	<0.1	<1
REP 124790	QC		<0.005																		
REP 124810	QC		0.049	56.4	1802	8.7	66	0.8	8.8	18.5	1100	2.49	146	0.8	<0.1	4.1	489	0.3	8.6	<0.1	63
124832	Drill Core	5.80	0.019	125.2	723.2	38.2	126	0.8	10.4	18.5	997	3.71	<1	1.2	<0.1	4.1	157	0.5	0.4	0.2	77
REP 124832	QC		0.025																		
124861	Drill Core	6.06	<0.005	0.3	26.2	31.2	117	0.3	11.1	6.8	987	2.06	18	2.6	<0.1	7.6	1433	0.7	3.9	0.2	58
REP 124861	QC			0.3	23.6	30.1	116	0.3	11.1	6.9	958	2.03	19	2.7	<0.1	7.9	1403	0.5	3.8	0.2	57
124877	Drill Core	3.68	<0.005	0.7	30.4	25.0	103	0.5	10.2	7.1	579	1.83	8	2.7	<0.1	7.1	344	0.2	3.4	0.1	52
REP 124877	QC		<0.005																		
Core Reject Duplicates																					
124775	Drill Core	7.36	0.030	157.9	1184	42.0	167	1.0	4.4	19.0	628	1.94	372	1.2	<0.1	4.5	330	1.0	61.9	0.1	32
DUP 124775	QC		0.031	148.1	1200	43.0	165	1.0	4.1	19.8	627	1.92	351	1.2	<0.1	4.7	338	0.8	61.3	0.1	31
124810	Drill Core	6.44	0.052	54.3	1762	8.5	67	0.8	9.1	18.8	1101	2.48	143	0.8	<0.1	4.1	480	0.2	8.3	<0.1	63
DUP 124810	QC		0.047	66.1	1751	7.9	62	0.8	10.6	18.1	1017	2.44	135	0.8	<0.1	4.4	486	0.1	8.2	<0.1	62
124845	Drill Core	5.07	<0.005	0.7	30.9	41.0	144	0.3	13.7	8.9	2277	2.67	9	2.4	<0.1	6.0	375	0.5	6.3	0.2	75
DUP 124845	QC		<0.005	0.9	26.0	41.5	143	0.3	14.4	8.7	2245	2.73	8	2.4	<0.1	6.0	374	0.4	6.3	0.2	75
124880	Drill Core	3.50	<0.005	1.6	17.4	25.1	132	0.2	12.9	8.0	935	2.22	7	2.9	<0.1	5.1	438	0.5	5.9	0.4	76
DUP 124880	QC		<0.005	1.6	18.6	24.7	132	0.3	13.8	8.0	945	2.16	7	2.9	<0.1	5.1	446	0.5	6.0	0.3	77
Reference Materials																					
STD OREAS24P	Standard			1.4	46.8	2.6	108	<0.1	137.9	41.1	1082	6.90	2	0.6	<0.1	2.6	371	<0.1	<0.1	<0.1	157
STD OREAS24P	Standard			1.4	55.8	2.9	116	0.1	148.1	47.7	1088	7.49	2	0.7	<0.1	2.7	377	<0.1	<0.1	<0.1	164
STD OREAS24P	Standard			1.4	51.4	2.9	120	<0.1	146.5	46.3	1107	7.38	6	0.8	<0.1	2.9	373	0.1	0.1	<0.1	161
STD OREAS24P	Standard			1.6	51.8	2.1	111	<0.1	142.6	45.3	1091	7.71	5	0.8	<0.1	3.0	386	<0.1	<0.1	<0.1	150
STD OREAS45C	Standard			2.1	621.6	24.1	78	0.4	342.1	98.8	1161	16.39	10	2.1	<0.1	10.4	38	0.1	0.7	0.2	260
STD OREAS45C	Standard			2.3	592.0	24.5	87	0.4	323.6	106.0	1128	18.45	11	2.1	<0.1	9.4	31	0.2	0.8	0.2	265
STD OREAS45C	Standard			2.5	633.1	25.0	86	0.3	332.7	102.1	1196	17.98	14	2.4	<0.1	11.1	35	0.3	0.9	0.2	278



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
124771	Drill Core	1.51	0.108	18.9	3	0.81	201	0.075	6.91	0.071	3.09	0.7	17.6	40	0.7	8.1	1.5	<0.1	2	3	92.3
REP 124771	QC	1.51	0.108	18.4	3	0.80	188	0.074	6.86	0.073	3.09	0.7	18.0	40	0.8	8.1	1.5	<0.1	1	3	92.1
124790	Rock	34.93	0.003	0.2	<1	1.56	8	0.001	0.02	0.003	0.01	<0.1	0.2	<1	0.1	0.3	<0.1	<0.1	<1	<1	0.3
REP 124790	QC																				
REP 124810	QC	4.24	0.129	21.6	11	0.92	677	0.218	7.05	1.358	2.59	0.3	8.3	43	0.9	12.3	5.1	0.3	1	7	117.1
124832	Drill Core	1.54	0.130	16.7	9	0.84	58	0.067	6.87	1.148	2.77	0.6	18.0	36	2.1	9.2	0.9	<0.1	1	7	7.0
REP 124832	QC																				
124861	Drill Core	2.96	0.103	20.0	17	1.03	967	0.259	6.96	0.022	2.80	1.8	94.8	38	0.8	8.8	9.9	0.7	1	5	24.2
REP 124861	QC	2.86	0.100	20.9	17	1.04	954	0.255	7.02	0.023	2.75	1.9	91.8	38	0.6	8.6	9.6	0.7	2	5	22.1
124877	Drill Core	3.06	0.086	16.3	12	0.83	1010	0.217	6.70	0.047	3.34	0.6	81.1	34	0.5	8.1	9.6	0.7	2	4	25.4
REP 124877	QC																				
Core Reject Duplicates																					
124775	Drill Core	1.22	0.086	12.3	2	0.74	286	0.086	6.24	0.358	2.82	0.5	19.0	28	0.7	6.6	1.4	0.1	2	3	300.7
DUP 124775	QC	1.26	0.083	13.4	2	0.75	291	0.083	6.74	0.352	2.81	0.4	18.5	31	0.6	6.8	1.3	<0.1	2	3	300.6
124810	Drill Core	4.21	0.126	21.5	12	0.93	518	0.218	6.80	1.346	2.60	0.4	8.4	41	1.0	12.6	5.1	0.3	2	7	112.1
DUP 124810	QC	3.99	0.124	23.7	12	0.89	463	0.208	6.69	1.390	2.54	0.4	8.4	44	1.0	12.2	5.2	0.3	<1	7	110.0
124845	Drill Core	3.34	0.136	20.7	22	1.12	750	0.330	7.20	0.141	4.67	0.8	123.8	41	0.8	9.8	10.3	0.7	1	6	13.2
DUP 124845	QC	3.19	0.134	19.7	22	1.11	773	0.332	6.93	0.135	4.77	0.9	121.5	39	0.8	9.4	10.4	0.7	1	6	12.9
124880	Drill Core	3.71	0.139	20.9	18	1.22	709	0.316	7.40	0.064	3.48	0.6	119.1	43	0.7	9.7	8.9	0.5	1	6	21.6
DUP 124880	QC	3.78	0.143	21.7	18	1.23	722	0.323	7.28	0.063	3.48	0.7	119.1	45	0.7	9.6	8.9	0.5	1	6	21.5
Reference Materials																					
STD OREAS24P	Standard	5.64	0.129	17.0	186	3.86	259	1.051	7.24	2.279	0.64	0.3	130.3	35	1.4	21.3	18.4	1.0	1	19	7.2
STD OREAS24P	Standard	5.52	0.129	20.1	224	4.16	271	1.026	7.64	2.504	0.65	0.4	129.2	37	1.7	22.7	18.8	1.1	1	20	7.7
STD OREAS24P	Standard	6.24	0.135	20.2	219	4.07	282	1.115	7.49	2.355	0.65	0.5	133.9	38	1.6	23.9	20.0	1.2	1	21	8.0
STD OREAS24P	Standard	5.57	0.130	17.8	219	4.08	275	1.042	7.92	2.350	0.70	0.4	135.7	38	1.7	23.6	19.6	1.1	<1	21	8.5
STD OREAS45C	Standard	0.46	0.049	25.5	892	0.24	261	1.171	7.13	0.095	0.33	0.9	162.5	50	2.6	12.8	21.6	1.3	<1	61	14.9
STD OREAS45C	Standard	0.46	0.049	26.8	975	0.24	278	1.088	6.98	0.102	0.34	1.2	157.2	49	2.8	12.4	21.8	1.4	<1	56	14.5
STD OREAS45C	Standard	0.49	0.052	28.3	989	0.24	288	1.243	7.10	0.101	0.35	1.0	169.4	53	3.0	14.2	24.4	1.4	1	61	16.4



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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
124771	Drill Core	2.3	78.7	0.6
REP 124771	QC	2.3	77.1	0.6
124790	Rock	<0.1	0.4	<0.1
REP 124790	QC			
REP 124810	QC	1.1	50.9	0.4
124832	Drill Core	3.7	81.2	0.7
REP 124832	QC			
124861	Drill Core	<0.1	92.9	2.9
REP 124861	QC	<0.1	101.5	2.7
124877	Drill Core	<0.1	102.6	2.4
REP 124877	QC			
Core Reject Duplicates				
124775	Drill Core	1.5	69.1	0.7
DUP 124775	QC	1.5	72.2	0.6
124810	Drill Core	1.1	51.1	0.4
DUP 124810	QC	1.0	52.9	0.3
124845	Drill Core	<0.1	125.3	3.4
DUP 124845	QC	<0.1	124.8	3.5
124880	Drill Core	<0.1	92.3	3.1
DUP 124880	QC	<0.1	89.1	3.2
Reference Materials				
STD OREAS24P	Standard	<0.1	19.5	3.1
STD OREAS24P	Standard	<0.1	20.2	3.3
STD OREAS24P	Standard	<0.1	21.9	3.5
STD OREAS24P	Standard	<0.1	21.3	3.6
STD OREAS45C	Standard	<0.1	22.4	4.0
STD OREAS45C	Standard	<0.1	21.2	4.2
STD OREAS45C	Standard	<0.1	25.3	4.5

QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.2	622.5	24.6	80	0.3	319.6	97.8	1110	16.75	12	2.4	<0.1	10.5	24	0.1	0.6	0.2	257
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.349																		
STD OXH82	Standard		1.390																		
STD OXH82	Standard		1.284																		
STD OXH82	Standard		1.327																		
STD OXK79	Standard		3.607																		
STD OXK79	Standard		3.776																		
STD OXK79	Standard		3.803																		
STD OXK79	Standard		3.655																		
STD OXK79	Standard		3.569																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<1



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		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
STD OREAS45C	Standard	0.43	0.047	23.1	826	0.25	253	1.139	6.97	0.097	0.35	1.1	157.1	50	2.9	12.4	22.1	1.4	<1
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXH82 Expected																			
STD OXK79 Expected																			
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	21.3	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	5.1	20.0	52	<0.1	2.9	4.3	727	2.26	1	2.5	<0.1	8.9	703	<0.1	<0.1	0.3
G1	Prep Blank		<0.005	0.3	2.9	18.5	49	<0.1	2.7	4.4	727	2.26	2	2.3	<0.1	7.2	657	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

SMI11000657.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Prep Wash																					
G1	Prep Blank	2.17	0.080	24.1	8	0.53	1040	0.279	7.23	2.731	3.10	0.6	12.6	52	1.6	14.5	25.3	1.4	3	4	37.2
G1	Prep Blank	2.33	0.078	17.5	5	0.54	960	0.265	6.65	2.715	3.09	0.1	11.1	42	1.6	13.1	24.4	1.3	3	4	36.3



Acme Analytical Laboratories (Vancouver) Ltd.

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www.acmelab.com

Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000657.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
Prep Wash				
G1	Prep Blank	<0.1	111.5	0.6
G1	Prep Blank	<0.1	101.1	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 28, 2011
Report Date: December 15, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000674.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_104
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 15, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124890	Drill Core	6.17	<0.005	0.5	12.1	18.4	80	0.2	10.4	6.8	600	2.18	4	2.9	<0.1	7.4	479	0.3	2.6	0.3
124891	Drill Core	5.36	<0.005	0.6	21.2	14.2	109	<0.1	11.1	7.3	786	2.24	5	3.0	<0.1	7.4	641	0.2	4.5	<0.1
124892	Drill Core	6.16	<0.005	0.3	14.0	22.3	108	<0.1	11.4	6.7	845	2.47	5	2.5	<0.1	6.2	614	0.2	6.7	0.1
124893	Drill Core	2.02	<0.005	1.1	10.7	19.3	91	0.3	12.0	7.5	869	2.32	10	5.3	<0.1	7.2	658	0.2	10.7	0.1
124894	Drill Core	6.51	0.010	44.1	373.5	99.6	188	3.7	6.0	19.0	825	2.54	30	9.3	<0.1	4.0	708	1.9	16.3	0.3
124895	Drill Core	5.15	0.009	44.9	230.0	69.5	173	0.9	4.5	10.7	1157	1.87	13	1.7	<0.1	4.3	855	1.5	4.1	0.2
124896	Drill Core	2.93	0.026	51.2	232.7	39.0	83	1.2	5.5	9.5	1035	1.66	12	1.9	<0.1	4.7	839	0.6	3.9	<0.1
124897	Drill Core	5.48	<0.005	1.2	17.5	21.2	94	0.2	13.5	8.2	1626	2.51	6	2.4	<0.1	5.3	726	0.2	9.1	0.1
124898	Drill Core	7.47	0.037	18.7	568.8	82.0	285	1.8	9.3	20.5	3004	3.47	16	1.3	<0.1	4.3	602	2.2	8.0	0.6
124899	Drill Core	6.80	0.012	10.2	338.8	17.3	78	0.8	10.2	11.8	973	2.91	26	2.7	<0.1	4.6	1154	0.3	5.3	0.6
124900	Drill Core	6.42	<0.005	1.0	57.2	11.4	36	0.2	9.7	8.0	290	4.71	3	1.5	<0.1	5.1	646	0.2	0.3	1.0
124901	Drill Core	7.11	0.005	4.4	170.6	8.1	36	0.2	7.1	12.6	283	4.12	4	2.2	<0.1	4.5	649	0.3	0.2	1.5
124902	Drill Core	6.52	0.010	4.3	300.7	86.4	192	0.9	8.3	10.4	1374	4.16	11	2.0	<0.1	5.0	484	1.1	3.8	0.6
124903	Drill Core	7.44	0.006	2.9	208.9	82.6	315	1.0	7.2	8.0	1754	5.54	5	1.9	<0.1	4.8	528	2.4	2.1	0.9
124904	Drill Core	3.62	0.006	4.5	144.7	116.0	138	0.9	7.2	9.9	2850	4.36	19	2.3	<0.1	4.7	239	0.7	6.0	0.7
124905	Drill Core	6.77	<0.005	1.2	40.0	26.3	153	0.5	12.4	8.7	1119	2.62	10	2.8	<0.1	6.5	470	0.4	3.5	0.2
124906	Drill Core	6.20	0.019	0.6	8.8	17.8	130	0.4	11.4	6.9	918	2.27	5	2.8	<0.1	8.2	378	0.3	2.6	0.1
124907	Rock Pulp	2.31	0.424	149.7	4001	28.4	70	2.9	41.2	22.4	513	4.96	48	1.3	0.8	2.8	287	0.1	4.6	0.4
124908	Drill Core	5.98	<0.005	0.5	12.3	17.4	114	0.2	10.8	6.6	778	2.13	5	2.6	<0.1	6.9	524	0.2	2.7	0.1
124909	Drill Core	7.07	0.022	9.7	613.8	69.2	157	2.4	9.1	15.2	469	3.88	70	4.4	<0.1	4.6	1216	1.2	4.5	0.3
124910	Drill Core	0.54	0.014	11.1	454.9	30.7	102	0.5	8.3	15.2	250	4.74	7	1.4	<0.1	4.1	632	0.6	0.6	0.7
124911	Rock	7.03	<0.005	0.1	2.9	<0.1	1	<0.1	<0.1	0.4	18	0.07	14	1.4	<0.1	<0.1	4834	<0.1	<0.1	<0.1
124912	Drill Core	6.76	0.061	17.5	1905	9.1	41	0.5	15.7	19.9	209	3.95	4	1.2	<0.1	3.0	432	0.3	0.3	0.1
124913	Drill Core	6.85	0.065	22.0	2275	13.3	62	0.7	14.0	18.7	327	4.10	17	2.9	<0.1	3.8	327	0.2	0.7	0.1
124914	Drill Core	6.72	0.055	54.0	2184	17.4	76	0.5	10.0	15.9	293	3.89	49	2.0	<0.1	3.8	798	0.4	0.5	<0.1
124915	Drill Core	6.51	0.055	128.6	2227	12.1	52	0.6	10.8	16.1	247	3.15	35	1.2	<0.1	3.7	763	0.1	0.2	<0.1
124916	Drill Core	7.22	0.057	70.4	1978	12.2	39	0.3	7.1	15.8	210	2.98	33	1.1	<0.1	3.6	756	<0.1	<0.1	<0.1
124917	Drill Core	6.99	0.040	34.4	1550	16.6	53	0.3	8.8	19.5	169	3.00	3	0.9	<0.1	4.1	657	0.1	0.2	<0.1
124918	Drill Core	3.97	0.071	89.7	3044	17.4	63	0.7	10.6	22.1	237	4.04	2	1.0	<0.1	4.2	609	<0.1	0.1	<0.1
124919	Drill Core	6.74	0.080	64.3	2879	18.6	63	0.8	10.9	23.1	227	4.20	4	1.1	<0.1	4.3	609	0.2	0.1	<0.1



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Project: Poplar Drilling
Report Date: December 15, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124890	Drill Core	2.75	0.089	17.1	14	0.91	1033	0.209	6.71	1.080	2.78	0.6	84.3	36	0.7	7.8	8.6	0.7	<1	5
124891	Drill Core	3.19	0.092	17.3	14	1.04	1137	0.208	7.06	0.319	3.15	0.6	88.1	37	0.6	8.0	8.7	0.7	1	5
124892	Drill Core	3.01	0.108	17.1	16	1.02	890	0.249	6.89	1.053	3.29	0.7	95.0	39	0.7	7.5	8.4	0.6	1	5
124893	Drill Core	2.65	0.104	16.6	16	0.91	1356	0.235	7.10	1.520	3.34	0.8	99.5	37	0.7	8.2	8.5	0.7	<1	5
124894	Drill Core	3.41	0.106	17.8	6	0.79	55	0.082	6.91	0.954	2.93	0.5	23.0	41	0.8	9.0	1.5	0.1	1	5
124895	Drill Core	4.69	0.113	30.7	5	0.74	70	0.109	6.80	0.954	2.87	0.4	25.6	73	0.6	13.1	1.9	0.1	<1	5
124896	Drill Core	4.83	0.113	32.4	6	0.75	60	0.108	7.26	1.106	3.35	0.4	27.1	79	0.9	13.6	2.2	0.1	<1	5
124897	Drill Core	3.05	0.121	20.8	17	1.00	1082	0.283	7.62	1.805	3.27	0.7	83.4	46	0.7	7.9	9.0	0.6	<1	6
124898	Drill Core	3.31	0.132	14.1	9	1.02	86	0.198	7.55	1.112	3.22	0.9	35.0	34	0.9	8.8	3.2	0.2	<1	7
124899	Drill Core	3.29	0.136	17.0	14	1.15	94	0.175	7.64	1.645	2.69	0.6	63.4	41	0.8	8.0	4.7	0.3	1	6
124900	Drill Core	2.82	0.132	13.1	4	0.88	29	0.037	7.31	1.606	2.47	0.4	27.9	32	0.6	8.8	0.8	<0.1	<1	5
124901	Drill Core	3.10	0.132	12.6	4	0.87	31	0.038	6.98	1.494	2.48	0.4	35.2	32	0.6	9.8	0.9	<0.1	<1	6
124902	Drill Core	2.53	0.126	13.9	10	0.93	38	0.061	7.39	1.088	2.84	0.3	34.2	33	0.7	9.7	1.2	<0.1	2	7
124903	Drill Core	1.91	0.122	14.8	5	1.01	26	0.048	7.23	0.736	2.68	0.3	31.7	38	0.6	9.8	1.1	<0.1	1	5
124904	Drill Core	2.73	0.118	14.5	5	0.98	51	0.056	6.59	0.119	2.59	0.3	31.5	34	0.8	8.9	1.0	<0.1	2	5
124905	Drill Core	3.64	0.114	17.3	16	1.16	1098	0.245	7.13	1.180	2.56	0.6	101.6	39	0.6	8.5	8.1	0.6	1	6
124906	Drill Core	2.69	0.091	18.2	14	0.94	1239	0.213	7.43	1.441	2.84	0.7	88.1	39	0.6	8.3	9.5	0.7	1	5
124907	Rock Pulp	0.41	0.115	15.9	66	1.11	92	0.279	7.31	1.586	4.40	17.2	27.9	35	2.5	11.0	3.0	0.1	<1	16
124908	Drill Core	2.62	0.085	16.4	15	0.92	1116	0.207	6.96	1.597	2.78	0.6	83.1	36	0.6	7.9	9.4	0.7	1	4
124909	Drill Core	2.12	0.135	15.3	13	0.85	75	0.095	7.44	1.477	2.53	0.4	45.3	36	1.0	9.4	1.6	0.1	2	7
124910	Drill Core	2.81	0.100	14.6	6	0.99	30	0.046	7.05	1.399	2.81	0.4	19.9	36	1.0	8.6	0.8	<0.1	1	6
124911	Rock	38.55	0.003	0.6	<1	1.75	10	<0.001	0.05	0.007	<0.01	<0.1	0.3	1	<0.1	0.4	<0.1	<0.1	<1	<1
124912	Drill Core	2.37	0.105	10.7	18	0.98	48	0.069	6.98	1.574	2.33	0.6	17.5	26	1.1	8.2	0.8	<0.1	2	8
124913	Drill Core	2.69	0.133	13.4	25	1.16	50	0.136	7.32	1.550	1.74	0.2	17.2	33	1.3	10.5	1.4	0.1	1	9
124914	Drill Core	2.61	0.125	13.6	9	1.05	64	0.113	7.11	1.779	1.89	0.2	16.8	33	1.0	9.7	1.5	<0.1	1	6
124915	Drill Core	3.29	0.116	15.2	8	0.86	62	0.119	7.13	1.739	2.87	0.3	13.5	36	0.9	10.5	1.7	<0.1	2	6
124916	Drill Core	2.70	0.119	12.5	7	0.85	59	0.096	7.05	1.599	3.31	0.2	13.8	31	1.1	9.2	1.3	<0.1	1	5
124917	Drill Core	3.33	0.106	13.8	11	0.99	69	0.162	7.31	2.626	2.87	0.3	16.3	34	1.0	10.1	2.1	0.2	1	6
124918	Drill Core	2.58	0.099	13.4	10	1.03	43	0.133	7.46	2.519	2.68	0.1	16.0	33	1.3	10.9	1.5	<0.1	1	6
124919	Drill Core	2.62	0.106	13.1	10	1.05	42	0.133	7.45	2.668	2.63	0.2	15.5	34	1.2	10.6	1.5	0.1	2	6



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Project: Poplar Drilling
Report Date: December 15, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124890	Drill Core	<0.1	117.6	2.5
124891	Drill Core	0.1	121.9	2.7
124892	Drill Core	<0.1	123.3	2.7
124893	Drill Core	0.2	128.8	2.9
124894	Drill Core	3.7	112.1	0.6
124895	Drill Core	3.8	92.5	0.8
124896	Drill Core	3.6	107.5	0.7
124897	Drill Core	0.3	120.6	2.4
124898	Drill Core	3.1	128.7	1.0
124899	Drill Core	2.2	95.1	1.8
124900	Drill Core	6.1	73.9	1.1
124901	Drill Core	5.7	73.8	1.3
124902	Drill Core	4.9	114.2	1.1
124903	Drill Core	6.0	116.7	1.1
124904	Drill Core	4.1	100.2	1.0
124905	Drill Core	0.2	109.3	3.0
124906	Drill Core	<0.1	131.6	2.9
124907	Rock Pulp	2.1	160.4	0.8
124908	Drill Core	<0.1	112.5	2.5
124909	Drill Core	2.6	103.8	1.3
124910	Drill Core	5.9	93.1	0.6
124911	Rock	<0.1	<0.1	<0.1
124912	Drill Core	4.0	71.9	0.6
124913	Drill Core	3.4	68.2	0.4
124914	Drill Core	3.5	60.8	0.5
124915	Drill Core	3.3	69.1	0.4
124916	Drill Core	2.7	77.6	0.5
124917	Drill Core	3.4	68.9	0.4
124918	Drill Core	4.1	73.4	0.5
124919	Drill Core	4.3	73.8	0.6



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Project: Poplar Drilling
Report Date: December 15, 2011

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124920	Drill Core	6.59	0.037	82.1	1424	10.7	42	0.3	8.6	14.8	174	3.06	7	1.0	<0.1	4.2	594	0.1	0.1	<0.1
124921	Drill Core	7.10	0.036	59.5	1317	8.3	32	0.4	8.8	28.8	154	3.47	2	1.0	<0.1	4.0	633	0.2	<0.1	<0.1
124922	Drill Core	6.85	0.029	26.0	1192	16.1	58	0.3	5.5	12.4	201	2.81	1	0.9	<0.1	4.5	650	0.2	<0.1	<0.1
124923	Drill Core	7.14	0.019	37.5	818.9	9.5	36	0.2	6.4	10.7	247	2.71	2	1.2	<0.1	5.1	699	0.1	0.2	0.3
124924	Drill Core	6.99	0.025	62.9	1238	16.7	51	0.3	9.1	17.9	272	2.84	3	1.2	<0.1	4.6	690	0.1	0.2	0.2
124925	Drill Core	0.14	0.026	17.5	1227	15.2	67	0.4	7.9	12.6	278	2.25	14	0.9	<0.1	5.0	652	0.3	0.4	0.2
124926	Rock Pulp	5.76	0.478	148.0	3780	28.9	67	2.5	39.0	21.6	467	4.75	43	1.4	0.4	3.1	249	0.2	4.0	0.5
124927	Drill Core	6.06	0.032	7.0	1120	18.9	60	0.5	8.1	11.9	1243	2.69	39	1.3	<0.1	4.9	457	0.2	0.9	0.1
124928	Drill Core	6.84	0.037	9.6	973.1	79.9	237	1.9	7.7	10.6	1747	2.64	75	1.2	<0.1	4.7	559	1.3	6.4	0.1
124929	Drill Core	6.73	0.022	11.4	927.7	16.5	56	0.4	8.4	12.2	351	2.80	7	1.1	<0.1	5.2	658	0.2	0.2	0.2
124930	Drill Core	6.73	0.025	13.2	1078	16.3	53	0.3	8.7	16.2	344	2.87	28	1.1	<0.1	5.1	687	0.2	0.5	0.1
124931	Drill Core	6.90	0.046	43.9	1627	9.1	38	0.4	10.5	25.3	217	3.50	2	1.3	<0.1	5.5	703	0.1	0.2	0.1
124932	Drill Core	0.72	<0.005	0.1	3.8	0.2	<1	<0.1	1.0	0.7	36	0.08	24	1.5	<0.1	<0.1	4497	<0.1	<0.1	<0.1
124933	Drill Core	6.88	0.025	9.4	1078	16.1	47	0.4	7.9	22.2	289	2.86	4	1.0	<0.1	4.8	646	0.2	0.4	0.1
124934	Drill Core	6.00	0.026	33.6	812.3	12.4	42	0.4	6.2	14.3	557	2.31	5	1.3	0.1	4.9	735	0.2	0.7	0.1
124935	Drill Core	6.70	0.027	48.0	927.4	18.6	53	0.6	6.3	15.8	664	2.22	7	1.2	<0.1	5.0	849	0.2	0.8	0.1
124936	Drill Core	5.86	0.037	39.0	1112	166.2	471	3.7	8.3	16.4	5972	2.76	76	1.3	<0.1	5.4	946	3.2	7.3	0.3
124937	Drill Core	4.35	0.054	48.0	1122	177.9	627	4.4	8.1	15.2	7474	2.64	79	1.2	<0.1	5.2	991	3.6	7.7	0.3
124938	Drill Core	5.79	0.044	65.0	1079	94.2	202	1.6	7.1	13.4	2837	2.22	149	1.3	<0.1	4.8	498	1.3	10.6	0.1
124939	Drill Core	6.39	0.049	73.6	1716	14.8	54	0.7	7.5	16.5	960	2.31	11	1.2	<0.1	5.6	494	0.2	1.2	0.1
124940	Drill Core	6.63	0.079	84.0	2334	24.6	75	0.7	6.4	13.1	677	1.92	7	1.0	<0.1	4.9	721	0.4	0.5	0.1
124941	Drill Core	6.26	0.062	115.0	1809	118.3	377	2.7	6.6	10.5	3523	2.01	115	0.9	<0.1	5.4	1286	2.0	8.7	0.1
124942	Drill Core	6.98	0.084	51.6	1280	349.9	980	5.2	8.2	12.3	8571	2.56	293	1.2	<0.1	4.9	794	6.1	55.0	0.3
124943	Drill Core	6.73	0.107	48.1	2838	85.3	416	3.3	9.5	14.5	2818	2.33	472	1.2	1.1	5.5	1033	2.2	20.5	0.1
124944	Drill Core	6.80	0.093	70.8	2757	56.8	274	2.3	9.1	27.6	3163	2.82	112	1.2	0.1	5.2	362	1.5	4.0	0.1
124945	Drill Core	6.79	0.061	20.9	1352	27.1	138	1.1	7.0	16.4	4174	3.05	101	1.3	0.5	5.4	437	0.5	3.0	0.2
124946	Rock Pulp	0.13	0.923	155.5	3575	51.9	127	3.1	26.0	19.7	534	5.10	63	1.2	0.6	3.0	248	0.7	7.7	0.6
124947	Drill Core	6.78	0.040	36.3	1273	92.3	313	3.2	6.9	20.5	5311	3.04	228	1.4	<0.1	5.7	753	1.7	27.7	0.2
124948	Drill Core	6.79	0.082	96.4	2541	86.0	503	3.4	7.4	16.9	4019	2.80	524	1.3	<0.1	5.6	820	2.5	31.8	0.1
124949	Drill Core	6.87	0.058	67.8	1719	120.4	264	3.6	7.8	19.0	>10000	3.36	232	1.3	<0.1	5.3	555	1.4	31.7	0.2



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Project: Poplar Drilling
Report Date: December 15, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124920	Drill Core	3.13	0.104	15.1	14	0.95	50	0.112	7.31	2.723	2.39	0.3	14.5	37	1.0	11.7	1.6	<0.1	2	6
124921	Drill Core	2.93	0.112	14.1	11	0.96	46	0.130	7.48	2.654	2.81	0.2	14.5	36	1.1	10.8	1.7	<0.1	<1	6
124922	Drill Core	2.85	0.094	14.0	11	1.02	60	0.165	7.51	2.927	2.86	0.2	15.5	35	1.0	11.3	2.2	0.1	<1	6
124923	Drill Core	2.85	0.112	17.8	10	0.87	64	0.132	7.51	1.956	3.38	0.2	14.1	36	1.0	12.3	1.7	0.1	1	6
124924	Drill Core	3.65	0.135	17.5	11	0.92	60	0.153	7.35	2.373	2.81	0.2	14.5	35	0.9	13.4	1.9	0.1	<1	7
124925	Drill Core	3.14	0.116	15.2	13	0.89	90	0.186	7.43	2.614	2.40	0.3	11.6	29	0.9	11.3	2.6	0.2	<1	6
124926	Rock Pulp	0.45	0.113	20.4	66	1.06	124	0.315	7.87	1.462	6.64	12.8	27.0	34	2.6	15.4	2.9	0.2	1	18
124927	Drill Core	2.85	0.131	13.5	8	1.04	209	0.256	7.71	1.700	2.55	0.4	17.1	28	0.9	11.6	3.7	0.2	1	8
124928	Drill Core	2.89	0.124	14.6	11	1.01	128	0.237	7.43	1.699	2.77	0.7	16.3	30	0.8	11.8	3.7	0.2	<1	7
124929	Drill Core	3.17	0.124	14.9	13	0.88	64	0.205	7.14	2.347	2.92	0.3	14.3	31	1.0	11.8	2.9	0.2	1	7
124930	Drill Core	2.83	0.131	14.7	13	0.84	65	0.185	7.43	2.173	2.86	0.6	14.3	31	1.0	11.3	2.4	0.2	1	7
124931	Drill Core	3.11	0.136	20.3	13	0.98	97	0.179	7.75	2.406	2.58	0.3	15.5	39	1.1	12.7	2.5	0.1	1	7
124932	Drill Core	36.17	0.005	0.2	1	2.24	6	0.001	0.05	0.006	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
124933	Drill Core	3.83	0.125	16.2	12	0.83	49	0.176	7.33	2.086	3.38	0.2	14.5	32	0.9	12.1	2.7	0.2	<1	6
124934	Drill Core	2.86	0.135	17.5	10	0.84	92	0.182	7.49	1.723	3.36	0.4	17.3	34	0.7	10.7	3.2	0.2	1	6
124935	Drill Core	4.15	0.122	19.0	9	0.88	74	0.160	7.26	1.482	3.20	0.5	15.2	37	0.8	11.3	2.8	0.2	<1	6
124936	Drill Core	2.71	0.136	19.0	10	0.95	116	0.204	7.74	0.060	2.67	1.2	17.7	36	0.9	10.8	3.2	0.2	1	7
124937	Drill Core	2.68	0.139	20.3	9	0.95	95	0.203	7.69	0.060	2.74	1.1	17.8	37	0.9	10.9	3.2	0.2	1	7
124938	Drill Core	2.69	0.122	19.9	8	1.06	243	0.200	7.71	0.212	3.80	1.3	16.6	38	0.8	10.7	2.8	0.2	1	7
124939	Drill Core	2.80	0.123	21.5	9	0.95	194	0.197	7.61	0.937	3.29	0.3	16.7	41	1.0	12.3	2.9	0.2	1	7
124940	Drill Core	3.00	0.129	19.1	8	0.80	137	0.192	7.56	1.410	3.64	0.3	14.9	38	0.9	11.7	2.8	0.2	<1	6
124941	Drill Core	2.68	0.117	22.1	8	0.87	260	0.211	7.74	0.468	3.36	1.9	13.5	41	0.8	10.5	3.2	0.2	2	7
124942	Drill Core	1.03	0.126	17.0	10	0.50	135	0.225	7.55	0.036	2.45	4.0	13.1	33	0.6	9.8	3.6	0.2	1	7
124943	Drill Core	2.33	0.138	21.2	8	0.87	149	0.211	7.87	0.048	2.35	3.5	14.4	39	1.1	10.3	3.5	0.2	1	7
124944	Drill Core	2.88	0.135	22.9	9	1.07	119	0.195	7.67	0.105	2.94	2.1	14.9	41	1.0	11.2	3.2	0.2	1	7
124945	Drill Core	2.30	0.134	18.9	8	0.89	186	0.240	8.13	0.152	2.77	2.4	20.6	36	0.9	10.9	4.3	0.3	1	7
124946	Rock Pulp	0.48	0.114	18.6	44	0.86	77	0.261	7.66	1.215	5.32	23.3	22.9	33	2.9	15.2	3.2	0.2	<1	14
124947	Drill Core	1.90	0.125	20.6	9	0.77	112	0.207	7.96	0.044	2.54	2.7	20.4	38	0.9	9.1	3.9	0.2	2	7
124948	Drill Core	0.89	0.142	21.9	9	0.45	298	0.248	8.00	0.037	1.97	6.2	21.2	39	0.9	9.3	4.6	0.3	<1	7
124949	Drill Core	2.04	0.135	19.3	9	0.82	159	0.215	7.66	0.285	3.68	4.1	21.5	36	1.0	10.7	3.8	0.2	<1	7



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124920	Drill Core	3.7	61.7	0.5
124921	Drill Core	4.1	71.9	0.5
124922	Drill Core	2.9	70.3	0.5
124923	Drill Core	3.2	70.1	0.4
124924	Drill Core	3.8	61.0	0.4
124925	Drill Core	2.4	56.6	0.3
124926	Rock Pulp	2.1	170.0	0.6
124927	Drill Core	1.3	64.5	0.5
124928	Drill Core	1.6	77.3	0.5
124929	Drill Core	2.8	65.0	0.4
124930	Drill Core	2.7	66.7	0.4
124931	Drill Core	3.4	71.8	0.5
124932	Drill Core	<0.1	0.2	<0.1
124933	Drill Core	3.5	70.9	0.4
124934	Drill Core	2.0	75.5	0.5
124935	Drill Core	2.7	75.6	0.5
124936	Drill Core	1.4	105.0	0.5
124937	Drill Core	1.4	112.2	0.5
124938	Drill Core	1.0	109.7	0.5
124939	Drill Core	1.3	88.3	0.5
124940	Drill Core	1.6	72.6	0.5
124941	Drill Core	1.0	99.2	0.4
124942	Drill Core	1.1	115.9	0.4
124943	Drill Core	1.0	100.2	0.4
124944	Drill Core	1.5	97.1	0.5
124945	Drill Core	1.1	88.3	0.6
124946	Rock Pulp	2.6	169.6	0.6
124947	Drill Core	1.4	109.4	0.7
124948	Drill Core	1.2	87.8	0.6
124949	Drill Core	1.2	132.3	0.6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124950	Rock	0.63	<0.005	0.3	9.5	0.6	1	<0.1	1.7	0.4	65	0.11	16	1.6	<0.1	<0.1	4298	<0.1	0.2	<0.1
124951	Drill Core	7.12	0.084	74.1	2628	47.7	159	1.5	7.1	16.6	2528	3.11	40	1.4	<0.1	5.3	330	0.6	3.0	0.1
124952	Drill Core	6.61	0.145	47.0	3770	136.3	334	2.9	10.4	28.2	4212	3.33	20	1.5	<0.1	5.4	928	1.6	2.6	0.2
124953	Drill Core	6.40	0.113	68.6	3299	90.9	163	1.6	12.2	37.0	2953	3.15	16	1.5	0.2	5.2	2785	0.9	2.3	0.1
124954	Drill Core	6.77	0.138	131.5	3564	85.3	288	3.2	11.6	30.3	3259	2.89	357	1.6	0.1	5.1	642	1.8	29.8	0.1
124955	Drill Core	6.25	0.149	58.1	3486	111.3	361	3.2	8.1	24.5	2667	2.96	409	1.2	<0.1	4.8	477	2.2	57.7	0.2
124956	Drill Core	3.74	0.165	75.0	3734	248.4	481	5.5	8.9	23.4	2491	2.70	483	1.1	0.3	5.0	496	3.1	72.8	0.2
124957	Drill Core	6.21	0.095	71.8	2986	936.4	550	28.9	8.8	16.2	6788	3.14	141	1.1	<0.1	4.9	389	5.5	205.8	0.3
124958	Drill Core	6.84	0.160	688.7	4268	7225	3432	25.1	5.5	14.6	8314	3.10	846	2.3	0.2	5.4	510	23.8	322.9	0.4
124959	Drill Core	6.62	0.112	144.7	3361	143.4	402	2.1	6.7	18.8	1329	3.31	562	1.4	0.1	5.1	322	2.9	42.6	0.1
124960	Drill Core	6.46	0.270	207.5	3944	878.7	5252	11.8	6.8	17.1	3301	3.60	569	1.0	0.2	5.3	422	55.1	102.7	0.2
124961	Drill Core	6.30	0.119	24.3	3399	66.5	161	1.9	5.8	16.0	1077	3.77	153	0.8	0.1	4.9	212	1.0	9.9	0.2
124962	Drill Core	6.97	0.108	8.3	3227	42.2	201	1.5	7.1	17.5	954	3.49	298	1.0	0.1	5.7	264	1.0	18.4	0.1
124963	Rock Pulp	0.14	0.005	644.9	133.5	17.9	90	0.2	17.7	6.3	664	2.71	6	3.7	<0.1	8.1	299	0.2	0.6	0.5
124964	Drill Core	4.82	0.127	22.6	4427	14.3	151	1.9	8.1	19.7	725	3.54	351	0.6	0.1	4.6	545	0.7	25.2	0.2
124965	Drill Core	3.28	0.005	1.6	65.2	64.3	117	0.2	6.8	5.4	1190	1.94	30	5.2	<0.1	9.1	614	0.8	3.4	0.2
124966	Drill Core	6.19	0.125	23.4	4156	22.7	372	2.5	7.4	19.9	1248	2.93	1004	0.8	0.1	5.2	384	1.9	111.0	0.1
124967	Drill Core	7.18	0.128	26.0	4507	65.9	208	2.2	6.1	14.8	1119	2.27	674	0.7	0.1	6.3	277	1.2	45.3	0.1
124968	Drill Core	6.68	0.117	17.0	3671	243.2	766	2.7	8.3	22.9	1567	2.65	255	0.7	0.2	5.3	235	4.1	15.4	0.1
124969	Drill Core	6.10	0.121	134.6	3820	58.1	307	1.6	15.8	32.7	1011	2.82	472	0.9	<0.1	5.2	344	1.3	16.6	<0.1
124970	Rock	0.69	<0.005	0.5	19.9	0.5	1	<0.1	<0.1	<0.2	38	<0.01	29	1.5	<0.1	<0.1	4410	<0.1	<0.1	<0.1
124971	Drill Core	7.05	0.316	718.3	8028	898.0	3798	11.9	11.2	20.8	605	1.87	2475	2.9	0.2	5.3	755	23.1	249.2	<0.1
124972	Drill Core	6.50	0.250	165.1	7563	336.9	1264	3.4	12.8	25.5	981	2.76	1301	1.3	0.2	5.7	397	7.7	65.9	0.1
124973	Drill Core	6.39	0.124	41.2	4077	49.5	231	1.6	10.3	17.7	944	2.43	162	0.7	0.2	4.9	845	1.1	4.8	<0.1
124974	Drill Core	3.46	0.115	48.4	3833	55.9	276	2.0	10.1	16.3	1002	2.27	185	0.7	0.1	5.0	826	1.6	6.6	<0.1
124975	Drill Core	6.21	0.142	28.1	4425	604.0	1319	3.1	10.1	22.9	2065	2.63	486	0.6	0.1	4.7	490	7.7	18.4	0.2
124976	Drill Core	6.37	0.091	32.4	3465	125.6	550	2.7	5.5	12.7	3920	1.88	593	0.6	<0.1	6.7	283	3.1	13.1	0.2
124977	Drill Core	6.51	0.123	93.7	4295	272.8	983	3.5	7.5	14.1	1829	1.84	1209	0.6	0.1	5.3	410	7.2	64.7	0.2
124978	Drill Core	6.61	0.152	39.1	4704	87.0	437	2.1	7.6	16.0	459	2.18	503	0.7	0.1	4.5	590	2.9	22.3	<0.1
124979	Drill Core	6.86	0.246	971.0	8210	378.6	2715	5.8	11.2	24.2	511	2.91	1571	1.9	0.3	4.3	640	17.7	37.6	0.1



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 15, 2011

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124950	Rock	36.44	0.004	0.2	1	1.80	9	0.001	0.05	0.003	0.01	<0.1	0.3	<1	0.1	0.2	<0.1	<0.1	<1	<1
124951	Drill Core	3.54	0.143	16.2	9	0.94	616	0.257	7.66	0.910	3.02	0.5	21.8	33	0.8	12.4	4.7	0.3	1	7
124952	Drill Core	2.77	0.133	24.0	9	0.90	98	0.210	7.70	0.760	3.45	1.0	21.4	46	1.3	11.6	3.4	0.2	1	7
124953	Drill Core	2.44	0.135	32.5	10	0.83	125	0.216	7.88	0.726	4.18	1.1	20.1	60	1.1	12.4	2.9	0.2	1	7
124954	Drill Core	2.42	0.145	32.5	8	0.82	131	0.192	7.75	0.163	3.76	0.7	20.9	59	1.1	10.4	2.6	0.2	<1	7
124955	Drill Core	2.64	0.114	24.1	8	0.89	101	0.153	7.36	0.114	3.33	0.9	15.0	43	1.0	9.1	2.7	0.2	1	6
124956	Drill Core	2.50	0.105	26.7	8	0.86	92	0.147	7.13	0.099	3.16	0.9	14.1	48	1.0	8.9	2.6	0.2	2	5
124957	Drill Core	2.62	0.131	25.5	8	0.82	137	0.201	7.55	0.100	3.14	1.5	19.6	47	1.0	11.2	3.5	0.2	1	6
124958	Drill Core	1.36	0.095	59.2	7	0.61	167	0.154	6.82	0.253	2.65	3.1	9.6	94	1.2	9.3	3.7	0.3	1	6
124959	Drill Core	2.09	0.105	28.3	11	0.73	581	0.181	7.31	0.495	1.70	1.0	10.4	49	1.1	8.2	3.7	0.3	1	6
124960	Drill Core	2.30	0.128	25.0	9	0.75	107	0.172	7.28	0.191	2.15	2.2	9.6	53	1.0	10.9	3.6	0.3	<1	6
124961	Drill Core	2.23	0.110	11.4	10	0.84	317	0.204	7.59	0.422	1.93	1.1	9.9	24	1.0	8.8	4.2	0.3	<1	6
124962	Drill Core	2.01	0.121	13.4	12	0.77	844	0.239	7.50	0.645	1.96	2.1	12.5	29	1.1	9.4	5.1	0.4	1	7
124963	Rock Pulp	1.58	0.081	28.8	22	0.57	903	0.264	6.97	1.988	1.60	6.3	22.7	58	6.8	14.0	12.4	0.8	3	5
124964	Drill Core	2.17	0.092	10.1	16	0.77	136	0.189	6.56	1.365	2.36	0.4	6.9	21	1.0	7.3	3.4	0.2	<1	6
124965	Drill Core	2.62	0.092	19.9	10	0.87	671	0.232	7.02	0.146	1.36	1.3	83.4	38	0.6	9.0	9.0	0.8	1	5
124966	Drill Core	2.49	0.104	10.4	12	0.81	778	0.180	7.10	0.449	1.81	0.8	8.6	22	1.0	7.2	2.9	0.2	2	6
124967	Drill Core	1.82	0.081	10.3	7	0.68	752	0.156	7.39	0.771	2.00	1.1	9.2	20	1.0	6.3	2.3	0.2	1	6
124968	Drill Core	2.12	0.106	12.1	10	0.81	590	0.168	7.26	1.086	1.83	0.7	8.5	25	1.1	8.4	2.7	0.2	<1	6
124969	Drill Core	2.10	0.095	15.9	23	0.74	260	0.184	6.91	1.093	2.57	1.0	12.8	33	0.8	8.5	2.1	0.2	<1	7
124970	Rock	36.91	0.002	0.7	<1	1.71	9	0.001	0.06	0.006	0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
124971	Drill Core	1.08	0.125	74.1	15	0.36	326	0.185	7.04	0.047	2.15	3.4	11.3	125	1.6	13.3	2.7	0.2	1	7
124972	Drill Core	2.04	0.111	34.7	21	0.73	280	0.189	7.22	0.568	1.39	3.6	14.3	61	1.3	8.6	2.5	0.1	<1	8
124973	Drill Core	2.15	0.099	15.9	24	0.85	795	0.247	7.00	1.268	1.71	2.2	11.2	31	0.9	7.4	4.0	0.3	<1	8
124974	Drill Core	2.02	0.100	15.9	25	0.80	829	0.225	6.79	1.296	1.93	2.0	11.0	30	0.9	7.4	3.6	0.2	1	7
124975	Drill Core	1.80	0.091	14.2	17	0.73	597	0.185	6.85	1.195	1.79	1.3	9.1	28	1.0	7.1	2.9	0.2	1	6
124976	Drill Core	1.66	0.080	17.0	6	0.59	566	0.113	6.99	0.910	1.75	1.8	8.3	32	0.8	7.2	1.7	0.2	<1	4
124977	Drill Core	1.22	0.065	16.9	7	0.47	618	0.124	6.98	0.837	1.85	2.3	8.3	33	0.7	6.0	1.8	0.1	1	4
124978	Drill Core	1.72	0.075	12.3	18	0.59	631	0.184	7.34	1.628	1.59	2.9	12.6	25	0.9	6.9	2.8	0.2	1	7
124979	Drill Core	1.86	0.100	51.2	12	0.62	371	0.219	7.28	0.909	1.59	2.3	10.1	95	1.3	11.0	3.6	0.2	<1	7



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Project: Poplar Drilling
Report Date: December 15, 2011

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CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124950	Rock	<0.1	0.4	<0.1
124951	Drill Core	1.1	86.1	0.7
124952	Drill Core	2.1	108.1	0.7
124953	Drill Core	2.1	109.2	0.6
124954	Drill Core	1.6	111.3	0.6
124955	Drill Core	1.7	101.0	0.4
124956	Drill Core	1.6	100.0	0.5
124957	Drill Core	1.5	111.4	0.6
124958	Drill Core	1.9	113.3	0.3
124959	Drill Core	2.3	50.3	0.4
124960	Drill Core	2.6	94.4	0.4
124961	Drill Core	2.3	60.9	0.4
124962	Drill Core	1.8	60.5	0.5
124963	Rock Pulp	0.3	58.2	1.0
124964	Drill Core	2.4	70.7	0.3
124965	Drill Core	0.1	56.6	2.7
124966	Drill Core	1.9	64.7	0.3
124967	Drill Core	1.6	60.3	0.3
124968	Drill Core	1.7	54.1	0.2
124969	Drill Core	2.0	79.3	0.4
124970	Rock	<0.1	0.4	<0.1
124971	Drill Core	1.7	99.0	0.4
124972	Drill Core	1.7	66.7	0.4
124973	Drill Core	1.2	51.8	0.4
124974	Drill Core	1.1	56.9	0.3
124975	Drill Core	1.6	58.4	0.3
124976	Drill Core	1.0	64.9	0.3
124977	Drill Core	1.2	59.0	0.4
124978	Drill Core	1.3	70.1	0.5
124979	Drill Core	1.8	56.0	0.4



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
124980	Drill Core	2.34	0.202	27.2	5003	125.0	942	1.7	7.9	16.6	553	2.91	520	0.6	0.2	3.5	478	5.1	3.4	0.1
124981	Drill Core	4.02	0.169	74.1	4366	10.0	58	1.4	7.7	18.1	226	2.65	17	0.8	0.2	4.0	752	<0.1	<0.1	<0.1
124982	Drill Core	7.13	0.165	87.1	4819	8.9	38	1.7	7.7	18.6	224	2.42	8	0.7	0.1	5.0	1114	<0.1	<0.1	<0.1
124983	Drill Core	5.83	0.163	165.8	4748	184.6	828	2.0	8.2	19.0	500	2.16	577	0.8	0.1	4.2	609	5.8	9.1	<0.1
124984	Drill Core	6.54	0.193	107.5	5089	158.3	732	2.2	7.8	19.2	594	2.43	793	0.6	0.2	4.3	393	5.0	19.7	0.1
124985	Drill Core	6.66	0.178	84.1	4826	251.8	1387	2.2	7.9	17.7	575	2.25	854	0.7	0.1	4.9	382	8.8	27.4	0.1
124986	Drill Core	5.78	0.131	52.2	3690	199.0	1030	1.9	7.0	17.0	600	2.24	580	0.7	0.1	5.2	414	6.5	2.3	<0.1
124987	Rock Pulp	0.15	0.452	142.2	3733	27.3	69	2.5	39.7	21.2	415	4.78	47	1.2	0.4	3.0	223	<0.1	3.8	0.3
124988	Drill Core	6.43	0.138	251.2	5458	523.8	1912	6.8	9.2	16.0	825	2.10	1464	0.8	0.2	5.3	643	14.8	192.7	0.1
124989	Drill Core	4.65	0.167	89.1	4730	210.5	947	2.5	7.8	18.5	572	2.05	946	0.6	0.2	4.9	392	6.4	54.7	<0.1
124990	Drill Core	2.94	0.189	142.3	5109	11.2	53	1.8	10.0	20.9	304	2.43	19	0.7	0.2	4.5	2225	<0.1	0.6	<0.1
124991	Rock	0.69	<0.005	0.5	25.0	0.5	2	<0.1	<0.1	<0.2	44	<0.01	32	1.3	<0.1	<0.1	4038	<0.1	<0.1	<0.1
124992	Drill Core	6.40	0.192	112.1	4963	232.8	1343	2.4	8.5	17.8	604	2.27	795	0.8	0.2	5.0	381	8.3	21.4	<0.1
124993	Drill Core	5.56	0.215	784.3	6633	490.8	2502	7.6	10.7	19.9	668	2.42	1246	1.6	0.2	5.2	524	16.9	255.7	0.2
124994	Drill Core	6.93	<0.005	<0.1	38.9	33.1	143	0.5	11.7	7.4	833	2.24	9	3.4	<0.1	8.1	421	0.4	2.2	0.2
124995	Drill Core	3.84	<0.005	1.6	42.4	32.5	153	0.5	12.3	7.7	911	2.40	10	3.3	<0.1	7.7	409	0.4	2.7	0.2
124996	Drill Core	6.32	<0.005	0.8	9.5	32.3	155	0.2	9.8	6.4	582	1.94	4	3.6	<0.1	9.3	357	0.5	1.4	<0.1
124997	Drill Core	6.00	<0.005	1.3	9.2	36.7	167	<0.1	9.7	6.6	614	2.12	6	3.1	<0.1	9.1	353	0.5	1.5	0.1
124998	Drill Core	6.22	<0.005	0.7	38.7	51.9	234	0.3	9.8	6.4	988	1.94	7	4.5	<0.1	8.9	445	1.2	1.2	0.1
124999	Drill Core	7.10	<0.005	1.0	23.7	105.1	166	0.1	12.6	7.6	957	2.36	5	3.2	<0.1	7.0	391	0.7	2.8	0.2
125000	Drill Core	6.64	0.081	69.0	2788	51.7	148	3.1	7.9	14.7	633	2.83	29	0.7	<0.1	5.9	1158	1.3	1.8	0.1
125001	Drill Core	6.72	0.098	35.2	2864	9.6	42	1.0	8.0	14.1	306	2.47	5	0.8	<0.1	5.0	1085	0.2	0.1	<0.1
125002	Drill Core	7.01	0.073	106.4	2055	8.7	34	0.8	8.7	13.6	239	2.68	2	0.9	<0.1	5.2	815	<0.1	<0.1	<0.1
125003	Drill Core	6.67	0.109	143.7	2678	11.0	44	0.9	10.4	20.0	272	3.25	2	0.8	0.1	5.3	835	<0.1	<0.1	0.2
125004	Drill Core	6.76	0.111	128.1	3670	10.6	41	1.2	10.1	18.4	300	2.70	17	0.7	<0.1	5.8	731	0.1	<0.1	0.1
125005	Rock Pulp	0.15	0.509	150.4	3806	28.9	71	2.8	41.1	22.5	453	4.84	46	1.3	0.5	3.3	286	0.4	4.1	0.4
125006	Drill Core	4.63	0.117	40.2	3483	12.9	52	1.4	7.6	11.7	383	2.40	8	0.9	0.2	5.2	647	0.2	0.2	<0.1
125007	Drill Core	6.29	0.152	97.2	4246	19.7	84	1.3	6.6	12.3	457	1.86	158	0.9	0.3	5.0	641	0.4	14.8	<0.1
125008	Drill Core	6.31	0.171	95.4	3792	38.9	253	1.6	6.4	11.9	440	1.75	226	1.0	0.1	5.2	604	1.4	11.7	<0.1
125009	Drill Core	6.87	0.168	64.5	4480	9.7	74	1.5	6.9	13.7	417	2.14	123	0.7	0.4	4.6	659	0.3	12.9	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
124980	Drill Core	2.15	0.093	14.8	12	0.67	434	0.292	8.17	1.031	1.73	5.2	11.5	31	0.9	8.3	4.8	0.3	1	9
124981	Drill Core	2.79	0.107	12.7	14	0.86	502	0.299	7.33	3.260	1.51	0.3	11.4	28	0.9	12.1	5.3	0.3	1	7
124982	Drill Core	2.53	0.108	14.6	14	0.76	838	0.237	7.08	2.698	1.74	0.2	9.4	31	0.7	11.4	4.1	0.3	2	6
124983	Drill Core	1.88	0.090	15.5	13	0.61	833	0.191	7.28	1.269	1.67	2.6	11.0	32	0.8	7.7	2.7	0.2	2	7
124984	Drill Core	1.91	0.100	13.4	13	0.60	639	0.227	7.21	1.073	1.91	2.2	11.5	28	0.9	7.6	3.6	0.2	1	7
124985	Drill Core	1.40	0.114	15.2	13	0.44	571	0.234	7.50	1.108	1.57	4.1	11.8	31	0.8	8.2	3.5	0.3	<1	7
124986	Drill Core	1.97	0.117	16.5	11	0.59	768	0.242	7.78	1.620	1.76	1.8	13.7	34	0.8	9.5	3.7	0.3	<1	7
124987	Rock Pulp	0.45	0.102	17.9	65	1.06	191	0.282	7.58	1.495	1.57	12.8	25.7	33	2.2	11.7	2.5	0.2	1	17
124988	Drill Core	0.68	0.108	26.0	12	0.37	707	0.211	7.56	0.198	2.48	5.1	13.3	51	1.0	8.7	3.0	0.2	<1	6
124989	Drill Core	0.95	0.109	18.1	13	0.36	886	0.203	7.34	0.917	1.54	4.2	12.1	35	0.9	7.9	2.5	0.2	1	6
124990	Drill Core	1.89	0.095	15.2	15	0.76	904	0.227	7.18	2.359	1.73	0.5	13.5	31	1.0	9.4	3.1	0.3	<1	6
124991	Rock	35.72	0.002	1.4	<1	1.68	9	0.001	0.07	0.009	0.01	<0.1	0.7	<1	<0.1	0.4	0.1	<0.1	<1	<1
124992	Drill Core	1.50	0.101	19.1	15	0.44	1027	0.230	7.49	1.242	1.88	4.6	13.1	39	0.9	8.0	3.5	0.3	2	8
124993	Drill Core	1.31	0.122	33.2	13	0.46	1159	0.215	7.41	0.922	3.42	4.9	13.4	66	1.2	11.8	3.5	0.3	<1	7
124994	Drill Core	2.59	0.102	22.5	17	0.91	987	0.270	7.32	1.858	3.04	0.8	93.7	44	0.6	9.6	8.9	0.7	<1	5
124995	Drill Core	2.71	0.108	22.3	14	0.95	960	0.258	7.44	1.860	3.13	1.0	93.6	44	0.7	9.4	9.1	0.7	2	5
124996	Drill Core	2.44	0.087	21.1	13	0.76	1198	0.190	7.17	1.466	3.10	0.8	74.6	40	0.6	9.2	8.3	0.6	2	5
124997	Drill Core	2.46	0.083	19.9	14	0.77	1222	0.191	7.09	1.560	3.15	0.9	76.6	39	0.6	9.0	8.1	0.7	1	4
124998	Drill Core	2.51	0.083	19.9	13	0.77	1150	0.199	7.09	1.508	3.33	0.5	78.4	39	0.5	9.1	9.2	0.7	1	5
124999	Drill Core	2.75	0.104	21.9	17	0.90	1163	0.247	7.14	1.798	3.05	0.4	91.2	42	0.6	8.9	8.7	0.7	2	5
125000	Drill Core	3.28	0.113	16.5	11	0.85	1237	0.265	7.24	1.968	2.50	0.2	8.4	33	0.8	11.1	6.6	0.4	<1	6
125001	Drill Core	2.56	0.118	17.6	12	0.90	1292	0.287	7.63	2.377	3.04	0.2	12.1	36	1.1	12.6	6.6	0.4	1	6
125002	Drill Core	3.32	0.143	17.7	13	1.01	640	0.328	7.71	2.831	2.40	0.1	13.8	37	0.9	14.1	7.1	0.5	2	7
125003	Drill Core	3.28	0.148	18.7	15	0.92	390	0.331	7.70	2.758	2.37	0.1	14.7	40	1.0	16.2	8.0	0.6	1	7
125004	Drill Core	2.93	0.131	19.1	14	0.95	882	0.320	7.74	2.468	2.49	0.2	11.6	39	0.8	13.6	6.9	0.4	<1	7
125005	Rock Pulp	0.47	0.116	21.6	67	1.09	628	0.310	8.35	1.553	5.10	14.4	29.2	38	2.5	13.8	3.0	0.1	<1	18
125006	Drill Core	2.29	0.084	16.4	10	0.54	1130	0.189	7.17	2.476	2.95	0.5	11.4	33	0.7	10.8	5.6	0.4	1	4
125007	Drill Core	1.69	0.097	22.2	12	0.50	1111	0.185	7.20	1.581	3.35	10.3	10.8	45	0.8	9.7	4.3	0.3	<1	5
125008	Drill Core	1.88	0.089	28.8	11	0.49	1055	0.161	6.70	1.656	3.19	1.1	10.0	54	0.8	10.5	4.5	0.3	1	4
125009	Drill Core	1.81	0.091	19.3	10	0.59	1081	0.187	7.06	1.765	3.03	0.9	9.7	39	0.7	9.7	4.4	0.3	1	5



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Project: Poplar Drilling
Report Date: December 15, 2011

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CERTIFICATE OF ANALYSIS

SMI11000674.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
124980	Drill Core	1.1	54.8	0.3
124981	Drill Core	1.7	53.9	0.4
124982	Drill Core	1.7	48.7	0.3
124983	Drill Core	1.1	46.1	0.3
124984	Drill Core	1.3	54.0	0.4
124985	Drill Core	1.1	47.9	0.4
124986	Drill Core	1.0	53.7	0.4
124987	Rock Pulp	2.1	60.4	0.7
124988	Drill Core	1.3	94.6	0.4
124989	Drill Core	1.2	58.3	0.4
124990	Drill Core	1.3	47.7	0.5
124991	Rock	<0.1	0.3	<0.1
124992	Drill Core	1.1	51.3	0.5
124993	Drill Core	1.3	103.2	0.4
124994	Drill Core	<0.1	109.3	2.7
124995	Drill Core	<0.1	109.1	2.6
124996	Drill Core	<0.1	119.1	2.4
124997	Drill Core	<0.1	118.6	2.3
124998	Drill Core	<0.1	124.5	2.4
124999	Drill Core	<0.1	112.0	2.7
125000	Drill Core	1.0	72.4	0.3
125001	Drill Core	1.2	75.3	0.4
125002	Drill Core	1.6	63.6	0.4
125003	Drill Core	1.8	68.7	0.4
125004	Drill Core	1.5	67.8	0.4
125005	Rock Pulp	2.1	96.6	1.0
125006	Drill Core	1.1	70.7	0.4
125007	Drill Core	0.8	79.7	0.4
125008	Drill Core	0.9	72.3	0.4
125009	Drill Core	1.1	74.8	0.3



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QUALITY CONTROL REPORT

SMI11000674.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Pulp Duplicates																				
124912	Drill Core	6.76	0.061	17.5	1905	9.1	41	0.5	15.7	19.9	209	3.95	4	1.2	<0.1	3.0	432	0.3	0.3	0.1
REP 124912	QC			19.1	1875	9.1	41	0.4	14.0	18.7	201	3.92	3	1.2	<0.1	3.3	471	0.1	0.2	0.2
124930	Drill Core	6.73	0.025	13.2	1078	16.3	53	0.3	8.7	16.2	344	2.87	28	1.1	<0.1	5.1	687	0.2	0.5	0.1
REP 124930	QC			13.4	1083	16.9	55	0.3	9.2	15.8	348	2.90	27	1.2	<0.1	5.6	707	0.2	0.4	0.1
124932	Drill Core	0.72	<0.005	0.1	3.8	0.2	<1	<0.1	1.0	0.7	36	0.08	24	1.5	<0.1	<0.1	4497	<0.1	<0.1	<0.1
REP 124932	QC		<0.005																	
124962	Drill Core	6.97	0.108	8.3	3227	42.2	201	1.5	7.1	17.5	954	3.49	298	1.0	0.1	5.7	264	1.0	18.4	0.1
REP 124962	QC		0.101																	
124975	Drill Core	6.21	0.142	28.1	4425	604.0	1319	3.1	10.1	22.9	2065	2.63	486	0.6	0.1	4.7	490	7.7	18.4	0.2
REP 124975	QC			28.0	4474	611.1	1319	3.1	9.7	21.7	2063	2.58	456	0.6	0.1	4.6	447	7.4	17.2	0.2
124998	Drill Core	6.22	<0.005	0.7	38.7	51.9	234	0.3	9.8	6.4	988	1.94	7	4.5	<0.1	8.9	445	1.2	1.2	0.1
REP 124998	QC		<0.005																	
REP 125006	QC			39.9	3416	12.7	51	1.4	6.9	11.3	371	2.32	7	0.8	0.2	4.6	637	0.3	0.3	<0.1
Core Reject Duplicates																				
124901	Drill Core	7.11	0.005	4.4	170.6	8.1	36	0.2	7.1	12.6	283	4.12	4	2.2	<0.1	4.5	649	0.3	0.2	1.5
DUP 124901	QC		<0.005	4.3	167.8	7.8	33	0.1	7.8	12.0	280	3.96	4	2.1	<0.1	4.6	667	0.2	0.3	1.6
124936	Drill Core	5.86	0.037	39.0	1112	166.2	471	3.7	8.3	16.4	5972	2.76	76	1.3	<0.1	5.4	946	3.2	7.3	0.3
DUP 124936	QC		0.037	49.3	1095	153.5	429	3.4	7.7	14.1	5586	2.59	80	1.3	<0.1	5.3	994	2.5	6.9	0.2
124971	Drill Core	7.05	0.316	718.3	8028	898.0	3798	11.9	11.2	20.8	605	1.87	2475	2.9	0.2	5.3	755	23.1	249.2	<0.1
DUP 124971	QC		0.233	660.2	7479	897.4	3441	8.8	10.0	18.3	553	1.84	2338	2.9	0.3	5.0	756	21.7	228.4	<0.1
125006	Drill Core	4.63	0.117	40.2	3483	12.9	52	1.4	7.6	11.7	383	2.40	8	0.9	0.2	5.2	647	0.2	0.2	<0.1
DUP 125006	QC		0.124	41.9	3455	12.9	53	1.5	7.5	11.4	378	2.37	8	0.9	0.1	4.9	654	0.2	0.3	0.1
Reference Materials																				
STD OREAS24P	Standard			1.4	45.9	4.1	113	<0.1	136.5	44.3	1066	7.35	1	0.7	<0.1	2.7	370	0.1	<0.1	<0.1
STD OREAS24P	Standard			1.3	46.6	2.8	111	<0.1	142.6	45.0	1085	7.25	3	0.8	<0.1	2.9	443	0.2	<0.1	<0.1
STD OREAS24P	Standard			1.6	49.9	3.0	112	<0.1	140.7	46.6	1125	7.74	3	0.7	<0.1	3.1	392	<0.1	0.1	<0.1
STD OREAS24P	Standard			1.5	56.8	2.9	123	<0.1	146.2	44.0	1088	7.64	6	0.8	<0.1	3.1	356	0.2	0.1	<0.1
STD OREAS45C	Standard			2.1	581.3	22.4	74	0.4	307.0	96.8	1064	17.38	11	2.3	<0.1	9.9	36	0.2	0.7	0.2



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Project: Poplar Drilling

Report Date: December 15, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
124912	Drill Core	2.37	0.105	10.7	18	0.98	48	0.069	6.98	1.574	2.33	0.6	17.5	26	1.1	8.2	0.8	<0.1	2	8
REP 124912	QC	2.22	0.100	11.7	16	0.97	47	0.068	7.01	1.588	2.33	0.4	17.0	27	1.2	8.4	0.8	<0.1	<1	7
124930	Drill Core	2.83	0.131	14.7	13	0.84	65	0.185	7.43	2.173	2.86	0.6	14.3	31	1.0	11.3	2.4	0.2	1	7
REP 124930	QC	2.84	0.128	16.2	12	0.85	63	0.183	7.53	2.182	2.86	0.6	14.4	33	0.9	12.0	2.6	0.2	1	7
124932	Drill Core	36.17	0.005	0.2	1	2.24	6	0.001	0.05	0.006	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
REP 124932	QC																			
124962	Drill Core	2.01	0.121	13.4	12	0.77	844	0.239	7.50	0.645	1.96	2.1	12.5	29	1.1	9.4	5.1	0.4	1	7
REP 124962	QC																			
124975	Drill Core	1.80	0.091	14.2	17	0.73	597	0.185	6.85	1.195	1.79	1.3	9.1	28	1.0	7.1	2.9	0.2	1	6
REP 124975	QC	1.82	0.085	14.0	16	0.73	290	0.188	6.97	1.234	1.91	1.5	9.3	29	0.9	6.9	2.8	0.2	2	6
124998	Drill Core	2.51	0.083	19.9	13	0.77	1150	0.199	7.09	1.508	3.33	0.5	78.4	39	0.5	9.1	9.2	0.7	1	5
REP 124998	QC																			
REP 125006	QC	2.27	0.081	16.1	9	0.53	1126	0.184	6.97	2.413	2.91	0.5	11.8	32	0.7	10.5	5.5	0.3	1	4
Core Reject Duplicates																				
124901	Drill Core	3.10	0.132	12.6	4	0.87	31	0.038	6.98	1.494	2.48	0.4	35.2	32	0.6	9.8	0.9	<0.1	<1	6
DUP 124901	QC	2.97	0.132	13.3	4	0.85	34	0.041	7.08	1.484	2.56	0.5	35.1	32	0.6	9.3	0.9	<0.1	1	6
124936	Drill Core	2.71	0.136	19.0	10	0.95	116	0.204	7.74	0.060	2.67	1.2	17.7	36	0.9	10.8	3.2	0.2	1	7
DUP 124936	QC	2.64	0.130	19.8	9	0.94	141	0.216	7.76	0.059	2.66	1.3	18.7	37	0.9	11.6	3.4	0.2	1	7
124971	Drill Core	1.08	0.125	74.1	15	0.36	326	0.185	7.04	0.047	2.15	3.4	11.3	125	1.6	13.3	2.7	0.2	1	7
DUP 124971	QC	0.79	0.116	72.4	15	0.36	522	0.178	7.02	0.046	1.70	3.6	11.4	124	1.7	12.9	2.7	0.2	<1	7
125006	Drill Core	2.29	0.084	16.4	10	0.54	1130	0.189	7.17	2.476	2.95	0.5	11.4	33	0.7	10.8	5.6	0.4	1	4
DUP 125006	QC	2.30	0.085	16.2	10	0.54	1132	0.194	7.11	2.461	2.94	0.5	13.9	33	0.8	10.5	5.9	0.4	<1	4
Reference Materials																				
STD OREAS24P	Standard	5.42	0.131	17.3	196	4.04	265	1.077	7.58	2.394	0.63	1.3	132.1	36	1.5	22.1	18.9	1.0	1	19
STD OREAS24P	Standard	5.83	0.134	19.1	195	4.04	291	1.012	7.85	2.598	0.63	0.5	133.7	41	1.5	21.5	19.5	1.2	2	20
STD OREAS24P	Standard	5.74	0.136	20.2	196	4.26	279	1.075	8.08	2.539	0.65	0.4	131.7	36	1.8	25.5	19.9	1.1	1	21
STD OREAS24P	Standard	5.56	0.143	18.4	205	4.12	288	1.021	7.87	2.501	0.70	0.6	128.0	37	1.4	21.7	18.4	1.1	1	20
STD OREAS45C	Standard	0.47	0.049	25.0	830	0.24	249	1.136	6.65	0.098	0.33	1.1	168.7	50	2.8	13.7	21.5	1.4	<1	56



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QUALITY CONTROL REPORT

SMI11000674.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
124912	Drill Core	4.0	71.9	0.6
REP 124912	QC	4.0	72.4	0.5
124930	Drill Core	2.7	66.7	0.4
REP 124930	QC	2.7	70.0	0.4
124932	Drill Core	<0.1	0.2	<0.1
REP 124932	QC			
124962	Drill Core	1.8	60.5	0.5
REP 124962	QC			
124975	Drill Core	1.6	58.4	0.3
REP 124975	QC	1.6	58.9	0.3
124998	Drill Core	<0.1	124.5	2.4
REP 124998	QC			
REP 125006	QC	1.1	68.6	0.4
Core Reject Duplicates				
124901	Drill Core	5.7	73.8	1.3
DUP 124901	QC	5.4	69.6	1.2
124936	Drill Core	1.4	105.0	0.5
DUP 124936	QC	1.3	111.1	0.5
124971	Drill Core	1.7	99.0	0.4
DUP 124971	QC	1.7	81.8	0.4
125006	Drill Core	1.1	70.7	0.4
DUP 125006	QC	1.1	67.6	0.5
Reference Materials				
STD OREAS24P	Standard	<0.1	21.5	3.1
STD OREAS24P	Standard	<0.1	25.3	3.5
STD OREAS24P	Standard	<0.1	22.2	3.5
STD OREAS24P	Standard	<0.1	21.7	3.5
STD OREAS45C	Standard	<0.1	22.7	4.2

QUALITY CONTROL REPORT

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QUALITY CONTROL REPORT

SMI11000674.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.52	0.055	26.7	995	0.30	306	1.145	7.78	0.115	0.35	1.2	175.7	57	2.8	12.5	22.8	1.5	<1	62	15.5
STD OREAS45C	Standard	0.50	0.054	29.4	847	0.28	286	1.153	7.48	0.108	0.36	1.1	164.9	53	3.2	14.4	22.5	1.4	<1	61	15.9
STD OREAS45C	Standard	0.48	0.045	26.1	930	0.31	282	1.112	7.16	0.110	0.35	1.1	159.5	50	2.9	12.7	21.5	1.4	<1	57	17.5
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	26.5	4.2
STD OREAS45C	Standard	<0.1	24.6	4.4
STD OREAS45C	Standard	<0.1	22.9	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 15, 2011

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

SMI11000674.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.4	3.2	17.5	45	<0.1	3.7	4.3	778	2.28	<1	2.4	<0.1	8.6	709	0.2	<0.1	0.4
G1	Prep Blank		<0.005	0.2	3.1	17.7	46	<0.1	3.5	4.4	794	2.22	2	3.1	<0.1	8.6	672	<0.1	0.2	0.8



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Project: Poplar Drilling

Report Date: December 15, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000674.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.37	0.071	27.7	4	0.54	1073	0.220	7.38	2.868	2.87	0.1	10.5	57	1.4	14.4	24.2	1.4	3	5	32.5
G1	Prep Blank	2.36	0.073	26.5	7	0.54	991	0.216	7.50	2.729	2.69	0.2	10.5	59	1.5	13.6	22.4	1.3	3	5	31.0



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Project: Poplar Drilling

Report Date: December 15, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000674.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	136.3	0.6
G1	Prep Blank	<0.1	142.9	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: March 30, 2012
Report Date: April 09, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000674P.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POPQAQC2
P.O. Number
Number of Samples: 19

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	18	Pulverize to 85% passing 200 mesh			VAN
G601	19	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: April 09, 2012

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI11000674P.1

	Method Analyte Unit MDL	G6 Au ppm 0.005
124991	Rock	<0.005
124992	Core Reject	0.181
124993	Core Reject	0.202
124994	Core Reject	<0.005
124995	Core Reject	<0.005
124996	Core Reject	<0.005
124997	Core Reject	<0.005
124998	Core Reject	<0.005
124999	Core Reject	<0.005
125000	Core Reject	0.087
125001	Core Reject	0.104
125002	Core Reject	0.087
125003	Core Reject	0.123
125004	Core Reject	0.121
125005	Rock Pulp	0.444
125006	Core Reject	0.182
125007	Core Reject	0.163
125008	Core Reject	0.147
125009	Core Reject	0.155



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Project: Poplar Drilling

Report Date: April 09, 2012

Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

SMI11000674P.1

Method		G6
Analyte		Au
Unit		ppm
MDL		0.005
Pulp Duplicates		
125003	Core Reject	0.123
REP 125003	QC	0.133
Reference Materials		
STD OXH82	Standard	1.324
STD OXK94	Standard	3.227
STD OXK94 Expected		3.562
STD OXH82 Expected		1.278
BLK	Blank	<0.005
BLK	Blank	0.005
Prep Wash		
G1-SMI	Prep Blank	<0.005
G1-SMI	Prep Blank	<0.005



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 24, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000674R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_104
P.O. Number
Number of Samples: 14

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	14	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	14	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
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Vancouver BC V7Y 1G5
Canada

CC:



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** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: February 24, 2012

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI11000674R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
124996	Drill Core	<0.005	0.8	14.6	33.4	155	0.2	10.9	6.4	569	1.89	5	2.3	<0.1	6.5	299	0.5	1.5	<0.1	50
124997	Drill Core	<0.005	1.1	10.0	34.6	150	<0.1	9.7	6.1	571	1.99	5	1.9	<0.1	5.8	283	0.7	1.6	<0.1	50
124998	Drill Core	<0.005	0.6	39.6	47.9	224	0.3	10.3	6.8	927	1.81	6	2.6	<0.1	6.1	368	1.0	1.3	<0.1	51
124999	Drill Core	<0.005	1.0	25.4	97.2	159	0.1	12.4	7.9	895	2.24	4	2.0	<0.1	4.8	344	0.6	2.7	<0.1	63
125000	Drill Core	0.075	70.7	2814	50.8	140	3.0	8.2	15.4	601	2.71	26	0.6	0.1	4.5	983	1.4	2.0	<0.1	72
125001	Drill Core	0.119	35.8	2857	9.8	41	1.0	8.1	13.3	258	2.40	4	0.5	0.1	3.7	908	0.2	0.3	<0.1	71
125002	Drill Core	0.076	102.0	2058	8.1	32	0.7	9.3	13.8	195	2.57	1	0.6	<0.1	3.5	672	<0.1	0.2	<0.1	76
125003	Drill Core	0.105	125.2	2555	9.9	39	0.9	10.1	19.4	219	2.92	2	0.6	0.2	4.2	690	<0.1	0.2	0.1	78
125004	Drill Core	0.156	120.5	3442	10.2	38	1.1	9.5	18.1	237	2.48	13	0.5	0.2	3.8	577	<0.1	0.2	<0.1	76
125005	Rock Pulp	0.552	141.0	3930	27.5	69	2.9	41.3	20.9	385	4.56	40	1.2	0.4	2.2	190	0.2	4.3	0.3	208
125006	Drill Core	0.193	42.5	3571	12.7	51	1.4	6.8	11.5	318	2.22	6	0.6	0.1	3.2	537	0.3	0.4	<0.1	46
125007	Drill Core	0.194	109.1	4601	19.7	83	1.2	6.9	12.0	432	1.82	139	0.6	0.2	3.9	546	0.2	13.1	<0.1	53
125008	Drill Core	0.216	98.4	3974	37.5	246	1.5	6.4	12.1	419	1.73	194	0.8	0.2	3.9	517	1.1	10.6	<0.1	43
125009	Drill Core	0.197	77.0	4775	11.0	83	2.3	9.6	16.9	432	2.36	126	0.7	0.2	4.9	665	0.4	13.3	<0.1	54



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Project: Poplar Drilling
Report Date: February 24, 2012

Page: 2 of 2 **Part** 2

CERTIFICATE OF ANALYSIS

SMI11000674R.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
124996	Drill Core	0.083	11.7	19	0.72	1115	0.183	5.79	1.522	2.60	0.9	72.8	25	0.5	6.6	8.5	0.7	<1	4	15.5
124997	Drill Core	0.077	9.9	18	0.71	1103	0.181	5.67	1.534	2.73	1.0	68.6	22	0.5	6.0	8.0	0.6	2	3	14.1
124998	Drill Core	0.079	10.9	19	0.71	1049	0.186	5.44	1.512	2.71	0.6	74.1	24	0.5	6.4	8.6	0.6	1	4	9.1
124999	Drill Core	0.099	10.7	25	0.85	1098	0.239	5.72	1.878	2.75	0.6	89.2	24	0.6	6.2	8.7	0.6	2	4	8.2
125000	Drill Core	0.107	9.8	17	0.79	603	0.238	6.23	1.994	2.56	0.3	7.9	21	0.7	8.1	6.2	0.4	1	5	34.8
125001	Drill Core	0.108	10.1	19	0.85	555	0.259	5.96	2.390	2.92	0.3	11.9	22	0.7	8.6	6.2	0.4	1	5	21.3
125002	Drill Core	0.126	9.8	21	0.92	525	0.290	5.89	2.789	2.33	0.2	12.8	22	0.6	9.7	7.1	0.4	1	6	12.8
125003	Drill Core	0.130	11.4	19	0.84	268	0.286	6.20	2.792	2.33	0.2	13.4	26	0.7	11.3	7.3	0.5	<1	6	12.0
125004	Drill Core	0.119	10.5	20	0.88	333	0.282	5.91	2.381	2.30	0.4	10.4	24	0.8	9.0	6.2	0.4	1	6	17.9
125005	Rock Pulp	0.106	11.5	76	1.00	287	0.298	5.21	1.489	3.49	14.8	28.2	22	2.3	8.1	3.0	0.2	1	11	13.5
125006	Drill Core	0.078	6.9	16	0.49	287	0.177	5.56	2.586	2.69	0.6	11.4	16	0.7	6.4	5.6	0.4	2	3	22.7
125007	Drill Core	0.089	13.3	20	0.49	937	0.177	5.70	1.586	2.76	10.0	10.9	29	0.7	6.8	4.4	0.3	1	4	182.0
125008	Drill Core	0.081	15.9	19	0.48	470	0.154	5.39	1.692	2.89	1.3	9.8	33	0.8	7.4	4.4	0.3	<1	3	65.8
125009	Drill Core	0.103	16.7	25	0.68	695	0.203	9.74	1.894	2.99	1.2	11.2	33	0.9	8.5	5.0	0.3	1	6	249.8



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: February 24, 2012

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000674R.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
124996	Drill Core	77.1	2.3
124997	Drill Core	73.9	2.1
124998	Drill Core	80.3	2.4
124999	Drill Core	71.9	2.4
125000	Drill Core	49.3	0.3
125001	Drill Core	54.7	0.4
125002	Drill Core	41.4	0.4
125003	Drill Core	46.1	0.4
125004	Drill Core	40.6	0.3
125005	Rock Pulp	96.5	0.8
125006	Drill Core	44.5	0.4
125007	Drill Core	56.0	0.3
125008	Drill Core	55.1	0.4
125009	Drill Core	65.6	0.4



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Report Date: February 24, 2012

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

SMI11000674R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
124997	Drill Core	<0.005	1.1	10.0	34.6	150	<0.1	9.7	6.1	571	1.99	5	1.9	<0.1	5.8	283	0.7	1.6	<0.1	50	2.28
REP 124997	QC	<0.005																			
125003	Drill Core	0.105	125.2	2555	9.9	39	0.9	10.1	19.4	219	2.92	2	0.6	0.2	4.2	690	<0.1	0.2	0.1	78	3.09
REP 125003	QC	0.130																			
Reference Materials																					
STD OREAS24P	Standard		1.3	50.6	2.9	107	<0.1	140.1	44.5	1065	7.23	<1	0.7	<0.1	2.8	356	<0.1	<0.1	<0.1	155	5.63
STD OREAS45C	Standard		2.3	611.8	26.4	87	0.4	346.4	105.9	1160	18.00	12	2.4	<0.1	10.2	36	0.3	0.9	0.2	276	0.43
STD OXH82	Standard	1.243																			
STD OXH82	Standard	1.268																			
STD OXK79	Standard	3.548																			
STD OXK79	Standard	3.642																			
STD OXK79	Standard	3.661																			
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	3	<0.01	<1	<0.1	<0.1	<0.1	1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			



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Project: Poplar Drilling

Report Date: February 24, 2012

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI11000674R.1

	Method	1EX P	1EX La	1EX Cr	1EX Mg	1EX Ba	1EX Ti	1EX Al	1EX Na	1EX K	1EX W	1EX Zr	1EX Ce	1EX Sn	1EX Y	1EX Nb	1EX Ta	1EX Be	1EX Sc	1EX Li	1EX S
	Analyte	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	Unit																				
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Pulp Duplicates																					
124997	Drill Core	0.077	9.9	18	0.71	1103	0.181	5.67	1.534	2.73	1.0	68.6	22	0.5	6.0	8.0	0.6	2	3	14.1	<0.1
REP 124997	QC																				
125003	Drill Core	0.130	11.4	19	0.84	268	0.286	6.20	2.792	2.33	0.2	13.4	26	0.7	11.3	7.3	0.5	<1	6	12.0	1.7
REP 125003	QC																				
Reference Materials																					
STD OREAS24P	Standard	0.123	17.5	214	3.94	263	1.081	7.15	2.295	0.69	0.4	125.8	34	1.6	20.0	18.2	1.1	1	18	8.4	<0.1
STD OREAS45C	Standard	0.051	23.1	992	0.22	280	1.195	7.06	0.106	0.36	1.1	162.0	46	3.0	11.3	23.3	1.5	<1	53	16.0	<0.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69	0.021
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7	
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	2	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: February 24, 2012

Page: 1 of 1 **Part** 3

QUALITY CONTROL REPORT

SMI11000674R.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
Pulp Duplicates			
124997	Drill Core	73.9	2.1
REP 124997	QC		
125003	Drill Core	46.1	0.4
REP 125003	QC		
Reference Materials			
STD OREAS24P	Standard	19.8	3.5
STD OREAS45C	Standard	20.5	4.1
STD OXH82	Standard		
STD OXH82	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OREAS45C Expected		24	4.27
STD OREAS24P Expected		22.4	3.6
STD OXH82 Expected			
STD OXK79 Expected			
BLK	Blank		
BLK	Blank		
BLK	Blank	0.2	<0.1
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: October 28, 2011
Report Date: December 23, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000675.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_105
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 23, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125010	Rock	0.52	<0.005	<0.1	1.1	0.1	<1	<0.1	<0.1	<0.2	30	0.06	14	1.4	<0.1	<0.1	4583	<0.1	<0.1	0.1
125011	Drill Core	7.26	0.134	85.5	4248	27.1	160	2.0	6.1	10.6	948	1.80	271	0.8	<0.1	4.5	474	1.0	29.8	0.3
125012	Drill Core	6.97	0.096	68.5	2726	8.4	36	0.9	4.3	9.1	443	1.94	30	0.6	<0.1	4.0	635	<0.1	2.4	0.2
125013	Drill Core	7.25	0.101	41.9	3749	10.9	113	1.8	5.7	12.5	555	1.91	293	0.8	0.1	4.1	731	0.6	40.8	0.3
125014	Drill Core	6.28	0.093	81.9	3041	7.0	136	1.6	5.4	10.9	645	1.77	291	1.1	<0.1	4.6	1100	0.7	65.3	0.3
125015	Drill Core	4.02	0.089	114.3	2915	7.2	128	1.5	6.5	10.2	674	1.70	261	1.1	<0.1	4.6	1308	0.8	62.6	0.2
125016	Drill Core	4.51	0.127	104.3	3857	7.1	245	1.3	6.1	10.2	620	1.56	510	1.3	0.2	6.1	681	0.9	158.1	0.2
125017	Drill Core	3.95	0.021	30.1	1493	15.5	92	0.2	8.6	9.3	155	3.40	3	1.4	<0.1	4.9	259	3.7	1.4	0.2
125018	Drill Core	6.09	0.018	103.2	1075	27.5	133	0.4	7.6	9.3	450	3.10	4	1.5	<0.1	4.4	278	3.6	1.6	0.2
125019	Drill Core	5.98	0.030	27.1	1277	13.9	56	0.3	8.5	14.3	321	4.64	<1	1.4	<0.1	5.7	216	1.1	0.5	0.4
125020	Drill Core	6.50	0.025	39.7	1371	54.1	178	0.8	5.7	10.2	500	3.66	2	1.1	<0.1	5.2	168	1.7	3.0	0.3
125021	Drill Core	6.16	0.026	24.3	1345	15.8	71	0.2	5.2	11.2	517	3.88	<1	1.1	<0.1	5.7	187	0.9	0.4	0.3
125022	Drill Core	5.12	0.020	19.7	981.7	115.9	382	1.6	5.5	10.7	1723	3.85	5	1.0	<0.1	5.5	225	2.1	5.0	0.4
125023	Rock Pulp	0.14	0.478	142.5	3856	28.8	67	2.5	37.8	20.1	503	4.73	47	1.3	0.9	2.7	276	<0.1	3.8	0.4
125024	Drill Core	6.02	0.035	24.6	1414	97.7	335	4.2	5.7	13.2	1323	4.55	7	0.7	<0.1	4.4	210	2.0	14.2	0.3
125025	Drill Core	5.68	0.033	61.8	1417	98.7	370	2.3	5.0	11.8	1469	3.77	10	0.8	<0.1	5.4	270	1.8	14.8	0.2
125026	Drill Core	7.02	0.037	30.7	1152	255.4	1111	3.9	6.3	10.8	4525	3.77	15	0.8	<0.1	4.5	716	5.7	21.8	0.3
125027	Drill Core	6.52	0.025	22.2	1125	295.1	996	6.6	5.9	13.0	2249	4.32	28	0.6	<0.1	3.3	681	6.3	49.3	0.5
125028	Rock	0.66	<0.005	0.2	6.7	1.7	<1	<0.1	<0.1	0.2	53	0.10	11	1.5	<0.1	<0.1	4033	<0.1	<0.1	<0.1
125029	Drill Core	6.99	0.012	19.1	897.5	52.1	166	1.3	4.2	9.8	999	4.83	5	0.4	<0.1	2.8	568	0.9	3.7	0.3
125030	Drill Core	6.86	0.024	32.4	966.5	712.8	1565	11.1	5.0	22.7	4834	6.34	7	0.4	<0.1	2.4	619	8.0	8.6	0.6
125031	Drill Core	6.82	0.052	9.4	923.6	755.6	1759	30.3	5.1	8.1	3731	5.86	8	0.4	<0.1	2.6	517	9.3	21.8	0.9
125032	Drill Core	6.52	0.016	14.3	1024	259.4	857	5.9	5.5	10.5	3150	5.10	5	0.5	<0.1	3.0	473	4.5	11.3	0.4
125033	Drill Core	7.59	0.010	22.2	410.2	429.9	823	4.3	6.0	11.0	7735	5.33	6	0.4	<0.1	3.2	399	4.5	5.8	0.6
125034	Drill Core	6.51	0.014	12.2	822.1	73.3	236	1.8	5.8	12.0	854	5.49	3	0.5	<0.1	3.3	616	1.0	2.6	0.4
125035	Drill Core	4.12	0.014	13.6	826.7	52.7	198	1.3	5.4	11.7	794	5.42	4	0.4	<0.1	3.3	516	1.2	2.8	0.3
125036	Drill Core	7.28	0.008	15.8	661.3	11.7	37	0.2	4.9	12.4	335	5.07	9	0.4	<0.1	3.1	499	0.2	1.5	0.2
125037	Drill Core	7.30	0.006	10.6	1394	274.2	484	3.9	6.6	16.7	882	5.87	4	0.6	<0.1	3.4	338	3.1	5.8	0.4
125038	Drill Core	6.69	<0.005	10.4	1413	199.6	566	4.6	8.1	16.1	1470	4.88	16	0.6	<0.1	3.6	390	3.7	27.0	0.1
125039	Drill Core	6.91	<0.005	8.6	1485	10.2	33	0.2	6.7	14.0	341	4.23	2	0.6	<0.1	3.4	473	<0.1	0.8	0.2



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Project: Poplar Drilling
Report Date: December 23, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125010	Rock	37.01	0.004	0.3	<1	1.99	4	<0.001	<0.01	0.010	0.01	<0.1	0.2	<1	0.2	0.3	<0.1	<0.1	<1	<1
125011	Drill Core	1.92	0.078	13.3	5	0.63	231	0.142	6.69	1.372	3.43	0.9	9.9	31	0.8	6.3	3.7	0.2	1	4
125012	Drill Core	2.23	0.092	12.2	5	0.61	485	0.177	6.97	2.283	2.97	1.1	10.7	30	0.7	8.3	5.0	0.3	2	4
125013	Drill Core	2.38	0.093	10.8	7	0.67	283	0.170	6.85	0.998	2.94	0.7	15.5	26	0.9	7.1	4.0	0.2	2	5
125014	Drill Core	2.40	0.089	12.7	8	0.70	465	0.176	6.89	0.890	3.15	0.5	19.6	29	0.9	7.9	5.0	0.3	<1	5
125015	Drill Core	2.56	0.093	13.7	7	0.68	426	0.185	6.87	0.782	2.97	0.7	20.1	31	0.7	8.0	5.0	0.3	2	5
125016	Drill Core	1.95	0.101	18.0	8	0.54	775	0.193	7.44	0.380	3.04	0.9	19.7	39	0.7	8.0	6.6	0.5	2	4
125017	Drill Core	0.68	0.122	16.4	9	0.50	33	0.104	7.39	1.954	1.98	0.2	22.7	42	1.0	10.2	1.4	0.1	1	6
125018	Drill Core	1.29	0.122	17.3	13	0.82	39	0.122	7.59	1.814	2.40	0.2	22.2	42	1.1	11.0	1.9	0.2	2	7
125019	Drill Core	0.91	0.220	16.3	10	0.96	26	0.074	6.54	0.970	2.55	0.2	15.3	44	2.6	14.0	1.1	<0.1	<1	7
125020	Drill Core	0.96	0.141	12.4	6	0.85	29	0.063	7.02	1.151	2.81	0.2	13.7	32	1.5	9.5	1.1	<0.1	1	5
125021	Drill Core	1.17	0.129	12.4	6	0.86	25	0.067	7.14	1.403	2.52	0.2	13.8	32	1.4	9.5	1.1	<0.1	1	6
125022	Drill Core	1.34	0.156	13.6	5	0.79	30	0.082	7.23	0.579	3.01	0.4	13.5	35	2.1	12.3	1.4	<0.1	1	6
125023	Rock Pulp	0.42	0.109	15.8	62	1.05	91	0.262	6.96	1.478	6.15	13.9	25.9	33	2.5	11.6	2.7	0.2	1	15
125024	Drill Core	1.26	0.129	10.6	5	0.80	23	0.066	7.14	0.755	2.92	0.3	11.7	29	1.8	9.5	0.9	<0.1	<1	5
125025	Drill Core	1.57	0.117	11.2	5	0.80	37	0.068	6.97	0.942	2.83	0.2	10.9	30	1.3	9.0	1.1	<0.1	1	5
125026	Drill Core	3.05	0.102	11.9	10	0.60	46	0.057	6.93	0.107	2.96	0.3	12.1	28	1.6	6.6	0.8	<0.1	<1	6
125027	Drill Core	2.88	0.075	10.8	5	0.55	55	0.054	6.44	0.099	2.96	0.3	8.2	27	2.7	6.6	0.9	<0.1	1	5
125028	Rock	36.17	0.005	0.3	<1	1.71	13	0.006	0.21	0.005	0.05	<0.1	1.0	<1	0.4	0.4	<0.1	<0.1	<1	<1
125029	Drill Core	3.07	0.059	7.6	8	0.65	25	0.062	6.49	0.113	2.77	0.4	8.8	21	3.4	6.2	0.9	<0.1	1	5
125030	Drill Core	2.58	0.064	5.2	5	0.44	32	0.054	5.94	0.123	2.77	0.4	7.7	14	3.3	5.3	1.0	<0.1	1	5
125031	Drill Core	2.81	0.055	5.1	5	0.45	29	0.051	6.07	0.177	2.50	0.4	7.8	15	3.2	5.2	0.9	<0.1	2	5
125032	Drill Core	3.03	0.084	7.6	7	0.44	33	0.055	6.25	0.225	2.74	0.4	8.4	20	2.8	6.7	1.0	<0.1	<1	5
125033	Drill Core	2.24	0.082	7.7	7	0.36	31	0.061	6.09	0.238	2.68	0.7	9.3	20	3.2	7.8	1.1	<0.1	<1	5
125034	Drill Core	2.49	0.097	8.5	7	0.52	35	0.064	6.29	0.237	2.76	0.3	9.5	22	3.5	7.0	1.0	<0.1	1	5
125035	Drill Core	2.30	0.092	8.2	8	0.50	26	0.062	6.70	0.231	2.85	0.3	8.7	21	3.2	6.7	0.9	<0.1	1	5
125036	Drill Core	2.70	0.088	8.4	10	0.53	29	0.056	6.02	0.493	2.24	0.3	8.2	21	2.3	6.8	0.7	<0.1	<1	4
125037	Drill Core	2.23	0.096	8.1	8	0.60	29	0.055	6.53	0.282	2.67	0.2	10.0	21	2.2	6.3	0.9	<0.1	1	5
125038	Drill Core	2.96	0.102	9.3	11	0.77	31	0.050	6.67	0.236	2.54	0.3	9.7	24	1.6	7.1	0.8	<0.1	<1	5
125039	Drill Core	2.69	0.097	7.5	7	0.68	26	0.054	6.53	1.137	2.27	0.2	9.4	20	1.6	7.1	1.0	<0.1	1	5



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Project: Poplar Drilling
Report Date: December 23, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000675.1

Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
125010	Rock	<0.1	1.3	<0.1
125011	Drill Core	0.8	93.6	0.3
125012	Drill Core	0.6	75.4	0.4
125013	Drill Core	0.9	79.4	0.5
125014	Drill Core	0.7	82.3	0.8
125015	Drill Core	0.7	78.0	0.7
125016	Drill Core	0.6	86.9	0.7
125017	Drill Core	3.0	80.0	0.8
125018	Drill Core	2.5	81.4	0.7
125019	Drill Core	4.8	74.5	0.4
125020	Drill Core	3.6	79.3	0.5
125021	Drill Core	3.8	76.6	0.5
125022	Drill Core	3.8	98.3	0.5
125023	Rock Pulp	2.0	187.2	0.8
125024	Drill Core	4.5	103.3	0.4
125025	Drill Core	3.7	89.8	0.4
125026	Drill Core	5.1	107.1	0.4
125027	Drill Core	6.3	90.6	0.3
125028	Rock	0.1	1.7	<0.1
125029	Drill Core	6.8	77.0	0.3
125030	Drill Core	8.2	81.6	0.3
125031	Drill Core	7.9	80.0	0.2
125032	Drill Core	7.1	83.0	0.3
125033	Drill Core	6.5	75.2	0.3
125034	Drill Core	7.2	75.6	0.4
125035	Drill Core	7.1	78.2	0.2
125036	Drill Core	7.0	63.3	0.3
125037	Drill Core	7.2	77.3	0.3
125038	Drill Core	6.4	73.2	0.4
125039	Drill Core	5.8	58.6	0.3



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CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125040	Drill Core	7.22	<0.005	15.5	1709	8.9	32	0.2	6.3	13.7	331	4.08	2	0.6	<0.1	3.3	465	0.1	0.8	0.2
125041	Drill Core	7.33	0.008	9.3	2256	74.6	176	1.6	10.4	18.8	965	4.36	6	0.7	<0.1	3.9	489	0.9	11.0	0.3
125042	Drill Core	5.42	0.048	11.3	2092	14.1	50	0.6	8.7	21.4	288	4.83	<1	0.5	<0.1	3.0	446	0.2	0.4	0.4
125043	Drill Core	6.67	0.032	12.6	1667	35.6	111	0.9	6.8	19.0	686	3.98	2	0.7	<0.1	3.9	439	0.5	0.8	0.9
125044	Drill Core	6.31	0.047	21.3	1649	8.6	36	0.3	7.5	18.8	477	3.94	1	0.7	<0.1	3.7	395	0.3	0.4	0.6
125045	Drill Core	7.24	0.068	18.2	2407	12.6	55	0.6	9.8	23.0	284	4.24	<1	0.9	<0.1	4.1	482	0.2	0.4	0.4
125046	Drill Core	6.83	0.062	66.3	1703	13.5	38	0.5	8.2	18.2	205	3.13	<1	0.8	<0.1	4.1	440	<0.1	0.6	0.4
125047	Rock Pulp	0.15	0.955	169.9	3797	50.8	132	2.9	29.9	22.4	567	5.31	60	1.2	1.3	2.6	246	0.8	7.9	0.7
125048	Drill Core	6.66	0.060	30.6	1678	12.2	42	0.3	9.8	14.9	163	3.16	1	1.0	<0.1	4.4	484	<0.1	0.3	0.2
125049	Drill Core	6.86	0.046	18.0	1491	15.6	56	0.5	13.0	18.1	167	3.86	1	0.8	<0.1	3.7	533	0.5	0.3	0.2
125050	Drill Core	6.25	0.056	13.3	2237	10.0	44	0.3	14.7	23.5	183	4.55	<1	0.7	<0.1	3.7	467	0.2	0.3	0.2
125051	Drill Core	6.95	0.046	15.1	1746	10.6	36	0.4	13.5	19.3	202	3.99	<1	0.8	0.1	3.7	452	0.2	0.3	0.3
125052	Rock	0.66	<0.005	<0.1	5.0	<0.1	<1	<0.1	1.2	0.5	48	0.09	8	1.3	<0.1	<0.1	3750	<0.1	<0.1	<0.1
125053	Drill Core	6.50	0.047	18.3	1951	34.2	96	1.1	9.5	20.4	648	4.08	2	0.7	<0.1	3.5	465	0.5	1.0	0.3
125054	Drill Core	6.90	0.042	16.6	1957	70.5	224	1.6	10.5	20.4	947	3.92	<1	0.7	<0.1	3.9	440	1.2	1.2	0.4
125055	Drill Core	6.81	0.032	8.6	1696	17.8	47	0.4	28.6	19.4	438	4.30	<1	0.7	<0.1	3.3	424	0.2	0.8	0.3
125056	Drill Core	3.87	0.034	9.1	1666	16.2	51	0.4	29.6	20.6	435	4.56	1	0.7	<0.1	3.2	425	0.4	0.8	0.3
125057	Drill Core	6.50	0.044	10.4	1617	14.4	51	0.4	13.3	19.5	352	3.95	2	0.8	<0.1	4.1	632	0.2	0.5	0.3
125058	Drill Core	6.59	0.020	3.7	1119	46.5	123	0.7	6.4	13.2	1193	3.35	2	0.7	<0.1	4.6	478	0.5	2.1	0.3
125059	Drill Core	7.05	0.013	4.7	998.9	6.7	24	0.2	5.5	10.7	586	3.03	1	0.8	<0.1	4.5	430	0.1	0.7	0.2
125060	Drill Core	7.45	0.024	3.5	1232	5.2	22	0.2	6.8	14.2	207	3.65	<1	0.7	<0.1	4.3	659	<0.1	0.4	0.2
125061	Drill Core	7.00	0.019	3.0	1142	3.9	21	0.2	4.6	8.8	138	2.70	1	0.6	<0.1	4.0	506	<0.1	0.5	0.2
125062	Drill Core	7.06	0.025	16.0	1185	6.1	23	0.2	5.1	12.6	129	3.05	2	0.6	<0.1	3.7	497	0.2	0.6	0.2
125063	Drill Core	6.66	0.026	7.9	1277	9.0	27	0.2	6.7	16.4	277	3.81	1	0.6	<0.1	4.2	462	0.1	0.2	0.2
125064	Drill Core	6.44	0.026	4.6	1655	14.7	50	0.6	6.0	17.4	624	3.59	2	0.6	<0.1	3.9	581	0.3	0.6	0.2
125065	Drill Core	6.71	0.021	5.6	962.4	9.4	29	0.2	5.4	16.0	220	3.46	2	0.6	<0.1	4.2	597	<0.1	0.2	0.2
125066	Drill Core	6.86	0.018	1.2	1002	7.5	27	0.2	4.9	11.1	324	3.24	2	0.6	<0.1	3.8	562	0.1	0.8	0.2
125067	Drill Core	6.57	0.013	1.4	893.5	21.2	72	0.4	5.5	11.7	357	3.20	3	0.7	<0.1	4.5	656	0.3	0.4	0.1
125068	Rock Pulp	0.15	0.462	143.3	3821	27.5	73	2.4	42.1	22.5	469	4.80	43	1.2	0.5	2.4	241	0.5	3.9	0.5
125069	Drill Core	6.91	0.018	1.8	910.8	47.8	214	0.4	4.8	11.2	489	3.29	2	0.6	<0.1	3.7	542	1.2	0.6	0.3



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125040	Drill Core	2.70	0.102	8.3	9	0.71	37	0.053	6.54	1.362	2.23	0.2	9.3	22	1.7	7.2	0.8	<0.1	<1	5
125041	Drill Core	2.90	0.125	11.7	10	0.76	36	0.061	6.79	1.129	2.38	0.3	7.9	28	2.0	7.8	1.3	<0.1	<1	5
125042	Drill Core	2.63	0.103	9.1	7	0.67	25	0.055	6.39	1.195	2.29	0.2	7.7	23	1.7	6.9	0.9	<0.1	1	6
125043	Drill Core	2.67	0.092	12.2	7	0.68	29	0.067	6.72	1.232	2.41	0.3	8.0	24	1.7	6.9	1.5	0.1	1	5
125044	Drill Core	2.67	0.103	11.1	10	0.74	31	0.091	6.81	1.836	1.82	0.2	8.5	25	1.1	8.2	1.6	0.1	<1	6
125045	Drill Core	2.96	0.098	12.2	14	0.82	30	0.108	6.87	2.246	1.71	<0.1	10.7	27	1.1	8.9	1.9	0.1	1	6
125046	Drill Core	3.59	0.095	12.6	17	0.72	42	0.088	6.59	2.283	1.52	0.1	14.7	28	1.0	9.5	1.8	0.1	<1	5
125047	Rock Pulp	0.46	0.110	13.5	50	0.89	63	0.272	7.13	1.262	4.19	26.7	23.1	28	2.9	11.6	3.3	0.2	1	13
125048	Drill Core	3.15	0.106	14.7	21	0.97	55	0.155	6.98	2.771	1.74	0.1	19.1	31	0.9	10.2	3.1	0.2	1	7
125049	Drill Core	3.64	0.095	13.5	18	0.75	31	0.094	6.42	2.277	1.75	0.1	14.7	29	1.0	9.2	1.7	<0.1	1	6
125050	Drill Core	3.23	0.105	12.8	19	0.84	25	0.112	6.11	2.185	1.67	0.1	14.6	27	1.2	9.3	2.0	0.1	1	6
125051	Drill Core	3.25	0.095	14.0	19	0.78	31	0.099	6.65	2.234	1.85	0.1	15.1	31	1.4	9.0	1.7	0.1	1	6
125052	Rock	37.76	0.003	0.3	<1	1.92	4	<0.001	0.02	0.006	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
125053	Drill Core	3.39	0.070	12.3	10	0.70	33	0.065	6.51	1.331	2.36	0.2	14.5	27	1.6	7.9	1.4	<0.1	<1	5
125054	Drill Core	2.97	0.077	13.5	10	0.64	30	0.063	6.40	1.717	2.32	0.2	12.3	29	1.4	8.1	1.5	<0.1	1	4
125055	Drill Core	2.55	0.088	12.3	43	0.85	30	0.124	7.06	2.236	2.50	0.1	11.2	28	1.3	7.9	2.1	0.1	<1	10
125056	Drill Core	2.53	0.086	10.4	48	0.86	39	0.122	6.93	2.093	2.67	0.1	10.8	25	1.4	7.6	2.2	<0.1	1	10
125057	Drill Core	3.31	0.090	13.8	23	0.98	38	0.145	6.85	1.911	2.31	0.2	17.3	30	1.4	8.9	2.6	0.2	<1	7
125058	Drill Core	2.84	0.101	13.2	10	0.88	54	0.112	7.35	1.307	2.52	0.4	14.2	30	1.3	8.2	2.7	0.2	1	6
125059	Drill Core	3.01	0.116	12.9	8	0.81	44	0.101	7.55	1.582	2.41	0.1	13.2	31	1.3	8.7	2.3	0.1	<1	6
125060	Drill Core	2.87	0.110	12.9	11	0.81	33	0.088	7.12	2.190	1.93	0.2	11.8	29	1.2	9.0	1.9	0.1	1	6
125061	Drill Core	2.82	0.108	12.6	9	0.82	43	0.080	6.73	1.981	1.77	0.1	13.0	28	1.3	8.8	1.8	0.1	1	5
125062	Drill Core	2.93	0.100	10.8	11	0.75	38	0.084	6.72	1.759	2.24	0.2	11.9	25	2.0	8.6	1.7	0.1	<1	6
125063	Drill Core	2.66	0.110	12.2	10	0.70	28	0.082	7.06	1.609	2.18	0.2	13.0	29	1.5	8.4	1.7	0.1	1	6
125064	Drill Core	2.73	0.118	12.7	12	0.79	39	0.115	6.89	1.964	1.97	0.2	13.4	30	1.3	9.3	3.0	0.2	<1	5
125065	Drill Core	2.77	0.099	12.3	9	0.66	33	0.066	6.88	1.479	2.19	0.3	11.7	28	1.9	8.0	1.7	<0.1	1	5
125066	Drill Core	3.40	0.097	10.9	9	0.68	42	0.089	6.62	1.479	2.14	0.1	13.2	24	1.6	7.5	2.2	0.1	<1	5
125067	Drill Core	3.06	0.102	12.2	12	0.76	67	0.122	7.51	2.168	2.11	0.1	14.7	28	1.2	8.7	3.3	0.2	1	6
125068	Rock Pulp	0.44	0.113	15.1	65	1.07	94	0.278	7.35	1.517	5.70	13.2	25.4	30	2.1	11.3	2.6	0.2	<1	16
125069	Drill Core	2.79	0.112	10.7	10	0.78	42	0.110	7.06	1.701	2.29	<0.1	13.7	26	1.3	8.1	2.6	0.2	<1	6



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CERTIFICATE OF ANALYSIS

SMI11000675.1

Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
125040	Drill Core	5.5	55.0	0.2
125041	Drill Core	5.7	67.6	0.3
125042	Drill Core	6.3	58.1	0.2
125043	Drill Core	5.3	76.8	0.3
125044	Drill Core	4.7	65.2	0.4
125045	Drill Core	5.1	57.2	0.4
125046	Drill Core	4.5	49.8	0.5
125047	Rock Pulp	2.8	141.4	0.7
125048	Drill Core	3.8	58.4	0.6
125049	Drill Core	5.6	54.8	0.4
125050	Drill Core	5.9	57.4	0.5
125051	Drill Core	5.3	59.7	0.4
125052	Rock	<0.1	0.3	<0.1
125053	Drill Core	5.8	67.0	0.5
125054	Drill Core	5.5	65.3	0.4
125055	Drill Core	5.0	71.2	0.4
125056	Drill Core	5.4	71.4	0.4
125057	Drill Core	5.1	75.7	0.6
125058	Drill Core	3.9	79.3	0.6
125059	Drill Core	3.7	65.1	0.5
125060	Drill Core	4.6	55.2	0.5
125061	Drill Core	3.8	46.8	0.5
125062	Drill Core	4.5	51.8	0.4
125063	Drill Core	4.9	57.3	0.6
125064	Drill Core	4.3	62.4	0.5
125065	Drill Core	4.7	61.2	0.4
125066	Drill Core	4.7	59.0	0.5
125067	Drill Core	3.8	64.3	0.5
125068	Rock Pulp	2.1	161.2	0.7
125069	Drill Core	3.8	60.4	0.4



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Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125070	Drill Core	7.01	0.015	1.3	938.0	140.5	783	0.6	4.5	11.0	445	3.42	3	0.7	<0.1	4.0	617	4.2	1.3	0.2
125071	Drill Core	7.12	0.020	8.4	1157	7.3	24	0.2	4.8	15.1	142	3.85	3	0.5	<0.1	3.5	505	<0.1	0.3	0.2
125072	Drill Core	6.99	0.027	4.2	1287	7.0	25	0.2	5.4	11.6	140	3.56	2	0.6	<0.1	3.4	478	<0.1	0.3	0.2
125073	Rock	0.48	<0.005	0.3	2.9	<0.1	<1	<0.1	<0.1	0.4	30	0.10	8	1.3	<0.1	<0.1	4488	<0.1	<0.1	<0.1
125074	Drill Core	7.13	0.027	3.4	1289	8.4	27	0.3	5.6	10.7	166	2.61	3	0.7	0.2	4.4	760	<0.1	0.9	0.2
125075	Drill Core	7.11	0.024	8.0	1263	38.6	92	0.8	5.2	13.9	333	3.75	3	0.7	<0.1	3.8	439	0.6	0.4	0.2
125076	Drill Core	3.56	0.024	8.0	1236	70.4	156	0.9	5.4	14.6	336	3.78	2	0.7	<0.1	3.7	434	0.7	0.5	0.2
125077	Drill Core	6.83	0.033	6.2	1392	8.2	34	0.2	5.5	12.9	133	3.37	2	0.6	<0.1	4.0	633	0.1	0.3	0.2
125078	Drill Core	7.02	0.034	2.5	1452	8.0	32	0.4	5.2	11.1	153	3.81	2	0.7	<0.1	4.8	475	<0.1	0.3	0.5
125079	Drill Core	6.70	0.030	3.4	1320	10.7	30	0.3	5.5	12.0	194	3.99	2	0.5	<0.1	4.6	541	<0.1	0.6	0.3
125080	Drill Core	7.32	0.070	5.2	2136	79.7	197	1.7	5.2	11.5	954	3.68	6	0.7	<0.1	5.0	598	1.2	3.1	0.4
125081	Drill Core	6.89	0.117	1.7	2872	13.9	51	0.7	5.7	12.8	648	3.72	3	0.6	0.2	4.7	185	0.2	0.9	0.2
125082	Drill Core	5.71	0.077	3.0	2286	15.7	91	0.6	6.0	14.4	492	4.67	3	0.6	<0.1	5.1	182	0.6	0.9	0.3
125083	Drill Core	6.62	0.081	4.3	2598	17.2	47	0.9	5.9	13.2	755	4.23	4	0.5	<0.1	4.2	222	0.2	1.0	0.2
125084	Rock Pulp	0.14	0.452	158.1	4107	28.8	68	2.5	37.9	20.6	405	4.82	45	1.3	0.4	2.9	225	0.3	4.1	0.4
125085	Drill Core	6.86	0.104	1.7	3342	33.9	107	1.5	4.5	11.6	1244	3.66	14	0.6	0.1	5.4	308	0.6	7.2	0.2
125086	Drill Core	6.54	0.109	25.9	3344	13.5	39	0.9	6.0	15.0	555	3.98	3	0.5	<0.1	5.1	297	<0.1	1.4	0.2
125087	Drill Core	6.68	0.082	2.5	2715	90.9	204	1.7	6.4	15.5	736	4.18	3	0.5	<0.1	4.4	240	1.2	1.0	0.1
125088	Drill Core	6.56	0.104	33.1	3146	25.2	72	1.7	6.5	14.3	895	5.18	5	0.6	0.3	4.5	247	0.3	2.0	0.2
125089	Drill Core	6.76	0.086	3.2	2868	159.0	550	3.9	6.1	15.6	3818	4.80	19	0.7	<0.1	4.9	248	3.4	5.1	0.4
125090	Drill Core	6.84	0.131	6.1	4434	76.7	637	3.1	6.2	12.3	2246	4.30	16	0.9	0.2	4.5	279	4.0	7.0	0.2
125091	Drill Core	7.11	0.102	9.1	3575	109.3	631	3.9	7.2	12.5	1901	4.80	81	1.0	<0.1	4.6	193	3.8	6.7	0.1
125092	Rock	0.57	<0.005	<0.1	12.2	0.6	2	<0.1	0.7	<0.2	50	<0.01	32	1.6	<0.1	<0.1	5271	<0.1	0.1	<0.1
125093	Drill Core	4.00	0.082	20.6	3348	338.8	2036	6.0	8.7	22.1	2034	5.65	304	1.1	<0.1	3.3	144	12.7	14.3	0.2
125094	Drill Core	7.29	0.358	5.0	>10000	110.7	430	8.8	12.5	28.0	896	6.39	277	0.8	0.5	3.9	469	2.6	7.8	0.2
125095	Drill Core	6.72	0.128	4.5	4212	55.9	242	1.5	6.7	15.5	578	4.48	132	0.8	<0.1	4.5	292	1.4	5.1	0.1
125096	Drill Core	7.22	0.150	3.5	4414	17.2	48	1.1	6.9	10.2	199	4.95	4	0.7	0.1	4.6	425	0.4	0.3	0.3
125097	Drill Core	3.45	0.139	3.4	4571	18.1	54	1.2	6.4	10.8	199	5.25	4	0.7	0.1	4.0	447	0.4	0.3	0.2
125098	Drill Core	7.09	0.062	3.9	1692	20.0	85	0.4	5.0	8.6	395	3.67	4	0.8	<0.1	5.0	511	0.4	0.4	0.2
125099	Drill Core	7.02	0.008	0.7	42.1	18.3	75	0.2	4.5	4.3	211	3.45	4	1.0	<0.1	4.9	578	0.2	0.6	0.2



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125070	Drill Core	2.88	0.112	11.6	11	0.69	32	0.081	7.23	1.393	2.39	0.3	13.2	27	1.4	8.2	1.9	0.1	1	5
125071	Drill Core	2.32	0.108	8.4	14	0.63	36	0.095	6.66	1.825	1.98	<0.1	13.0	20	1.4	7.4	2.1	0.1	1	5
125072	Drill Core	2.61	0.104	9.2	12	0.68	33	0.080	6.98	1.417	2.44	0.1	12.2	23	1.7	7.6	1.9	<0.1	1	5
125073	Rock	38.21	0.003	0.5	<1	2.10	8	0.001	0.07	0.004	<0.01	<0.1	0.4	<1	0.2	0.5	0.1	<0.1	<1	<0.1
125074	Drill Core	2.92	0.107	11.3	11	0.79	56	0.125	7.53	2.288	1.92	<0.1	12.2	27	1.3	9.0	3.0	0.2	1	6
125075	Drill Core	3.12	0.101	9.9	9	0.79	39	0.089	7.00	1.435	2.48	0.2	11.2	23	1.3	7.9	2.0	0.1	<1	5
125076	Drill Core	3.28	0.104	9.7	8	0.83	42	0.084	6.66	1.529	2.37	0.2	10.6	24	1.1	7.6	1.8	0.1	<1	5
125077	Drill Core	2.81	0.092	10.0	12	0.72	46	0.116	6.89	1.938	1.88	0.1	10.8	24	1.2	8.1	2.8	0.2	<1	6
125078	Drill Core	2.62	0.101	9.9	8	0.72	35	0.099	6.56	1.562	2.37	0.3	11.0	22	2.3	7.9	2.2	0.2	1	5
125079	Drill Core	2.53	0.090	8.8	13	0.76	41	0.099	6.89	1.196	2.45	0.1	8.7	21	1.5	7.4	2.3	0.2	1	6
125080	Drill Core	2.33	0.112	10.7	7	0.78	64	0.115	7.02	0.268	2.48	0.6	10.8	23	1.6	7.7	2.7	0.2	1	6
125081	Drill Core	2.31	0.111	8.0	10	0.90	59	0.121	6.95	1.056	1.54	0.3	9.0	18	1.2	7.4	2.7	0.2	1	6
125082	Drill Core	2.14	0.112	9.0	9	0.82	45	0.122	7.25	0.763	2.15	0.8	8.2	21	3.1	7.9	2.4	0.2	1	6
125083	Drill Core	3.08	0.102	6.6	10	0.97	64	0.103	6.17	0.524	1.86	0.4	6.0	15	1.6	7.1	2.4	0.1	<1	5
125084	Rock Pulp	0.40	0.104	13.5	61	1.06	120	0.292	6.29	1.470	3.70	14.0	27.4	28	2.4	9.6	2.7	0.2	1	14
125085	Drill Core	2.51	0.125	8.7	8	0.93	250	0.173	7.61	0.434	2.24	0.6	5.9	20	1.1	8.0	4.0	0.3	<1	6
125086	Drill Core	2.13	0.100	8.3	11	0.82	63	0.138	6.76	0.959	2.16	0.5	5.2	18	1.5	7.1	2.9	0.2	1	6
125087	Drill Core	2.23	0.106	7.6	7	0.79	68	0.113	7.23	0.499	2.50	0.4	6.8	17	1.7	6.4	2.3	0.2	1	6
125088	Drill Core	2.69	0.105	9.9	11	0.88	92	0.146	7.05	0.444	2.27	0.3	7.1	21	1.6	8.1	3.1	0.2	<1	6
125089	Drill Core	2.15	0.105	7.9	10	0.88	62	0.136	7.34	0.080	2.78	1.0	9.6	18	1.6	6.3	2.8	0.2	1	6
125090	Drill Core	3.37	0.090	7.1	11	1.00	77	0.158	6.59	0.087	2.23	0.6	9.7	16	1.8	6.6	3.5	0.2	1	6
125091	Drill Core	2.65	0.107	11.0	13	0.86	64	0.151	6.57	0.099	2.20	0.8	11.2	24	2.2	7.8	3.3	0.2	<1	6
125092	Rock	>40	0.005	0.2	<1	1.82	12	0.002	0.10	0.003	0.01	<0.1	0.7	<1	<0.1	0.3	<0.1	<0.1	<1	<1
125093	Drill Core	1.08	0.093	7.1	10	0.47	35	0.080	5.15	0.146	2.94	1.4	7.0	17	4.0	5.1	1.6	0.1	<1	5
125094	Drill Core	1.24	0.074	7.7	7	0.62	23	0.054	4.66	0.175	2.24	0.6	5.5	17	5.5	4.3	0.9	<0.1	<1	5
125095	Drill Core	1.95	0.093	9.0	5	0.93	36	0.058	6.10	0.292	2.35	0.5	8.0	20	2.2	6.1	1.4	0.1	<1	5
125096	Drill Core	2.12	0.101	8.4	6	0.83	36	0.081	5.70	1.623	1.51	0.4	9.3	19	2.0	6.7	1.9	0.1	1	5
125097	Drill Core	2.18	0.096	7.3	7	0.79	28	0.079	5.47	1.455	1.56	0.3	9.2	16	2.1	6.3	1.8	0.1	1	5
125098	Drill Core	2.91	0.115	9.9	11	0.79	38	0.090	6.70	1.658	1.69	0.6	14.9	25	1.5	8.2	2.2	0.1	1	5
125099	Drill Core	4.12	0.130	10.7	11	0.77	45	0.052	6.20	1.066	1.61	0.5	23.2	29	1.1	8.6	1.0	<0.1	1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125070	Drill Core	4.3	62.3	0.5	
125071	Drill Core	4.3	53.8	0.4	
125072	Drill Core	4.4	58.0	0.4	
125073	Rock	<0.1	0.3	<0.1	
125074	Drill Core	3.2	57.2	0.5	
125075	Drill Core	4.7	62.2	0.5	
125076	Drill Core	4.8	58.2	0.5	
125077	Drill Core	3.8	52.0	0.5	
125078	Drill Core	4.5	54.2	0.4	
125079	Drill Core	4.9	57.8	0.5	
125080	Drill Core	3.7	67.4	0.4	
125081	Drill Core	2.9	44.5	0.3	
125082	Drill Core	3.9	59.2	0.4	
125083	Drill Core	3.0	46.3	0.2	
125084	Rock Pulp	2.2	115.8	0.8	
125085	Drill Core	1.8	75.0	0.2	
125086	Drill Core	2.9	72.8	0.2	
125087	Drill Core	3.2	67.9	0.2	
125088	Drill Core	3.4	63.6	0.3	
125089	Drill Core	3.9	84.9	0.3	
125090	Drill Core	3.0	61.5	0.4	
125091	Drill Core	3.6	58.6	0.4	
125092	Rock	<0.1	0.5	<0.1	
125093	Drill Core	5.9	92.7	0.3	
125094	Drill Core	6.4	65.7	0.2	1.359
125095	Drill Core	4.4	57.5	0.2	
125096	Drill Core	5.1	42.7	0.4	
125097	Drill Core	5.6	38.9	0.3	
125098	Drill Core	4.5	44.9	0.5	
125099	Drill Core	5.9	32.1	0.8	



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125100	Drill Core	6.84	<0.005	0.7	47.3	9.8	31	<0.1	5.2	3.3	170	2.82	6	1.4	<0.1	5.6	620	0.1	0.1	0.2
125101	Drill Core	7.27	<0.005	0.8	46.7	18.9	84	0.1	8.7	8.3	233	4.14	7	1.2	<0.1	4.6	636	0.4	0.2	0.2
125102	Drill Core	7.48	0.005	2.2	137.1	18.1	67	0.2	7.0	7.5	247	4.67	20	1.6	<0.1	4.7	683	0.4	0.6	0.2
125103	Drill Core	6.63	<0.005	2.6	111.1	20.8	102	0.2	6.9	6.7	642	4.61	21	2.0	<0.1	5.7	618	0.3	1.4	0.2
125104	Drill Core	7.38	0.012	2.8	408.7	702.1	524	1.1	10.6	12.1	2222	5.02	77	2.0	<0.1	5.0	466	3.9	5.0	0.2
125105	Drill Core	6.75	0.020	3.6	318.5	156.0	549	0.9	7.3	8.4	5444	4.58	52	2.6	<0.1	5.4	611	3.2	3.9	0.2
125106	Rock Pulp	0.17	0.472	162.8	4157	33.0	70	2.8	42.0	23.6	443	5.10	48	1.4	0.5	2.7	234	0.5	4.0	0.3
125107	Drill Core	6.51	0.025	3.2	481.7	26.3	82	0.2	6.6	12.3	637	4.62	59	2.5	<0.1	5.0	481	0.4	2.8	0.1
125108	Drill Core	6.20	0.014	3.9	371.8	7.6	32	0.1	6.2	11.2	240	4.05	33	2.0	<0.1	4.7	834	<0.1	1.0	0.1
125109	Drill Core	7.18	0.014	2.5	342.7	10.2	31	0.1	6.2	11.3	284	4.22	16	1.8	<0.1	4.8	906	<0.1	0.6	<0.1
125110	Rock	0.52	<0.005	<0.1	1.5	0.2	<1	<0.1	0.2	<0.2	34	<0.01	30	1.5	<0.1	<0.1	4674	<0.1	<0.1	<0.1
125111	Drill Core	4.62	0.012	2.0	324.8	51.8	275	0.4	7.8	9.2	793	4.67	78	3.1	<0.1	6.0	425	1.4	2.6	0.1
125112	Drill Core	7.05	0.012	2.8	219.0	31.1	74	0.2	7.0	8.9	422	4.21	20	2.1	<0.1	5.2	834	0.3	0.9	<0.1
125113	Drill Core	7.24	0.014	3.2	320.3	10.8	59	0.3	6.4	8.0	416	3.78	4	2.0	<0.1	4.7	677	0.3	0.3	0.1
125114	Drill Core	8.50	0.013	2.9	248.5	9.2	39	0.1	6.4	10.1	205	4.21	1	2.1	<0.1	4.7	692	<0.1	<0.1	0.1
125115	Drill Core	4.62	0.013	5.2	308.6	7.5	35	0.1	8.4	19.8	231	4.27	7	2.1	<0.1	4.5	648	<0.1	0.1	0.2
125116	Drill Core	7.71	0.015	26.7	278.0	63.3	181	0.4	6.3	11.9	1094	4.28	22	1.8	<0.1	4.1	545	1.2	1.6	0.2
125117	Drill Core	7.77	0.012	6.0	269.9	14.8	77	0.2	7.2	11.5	453	4.15	6	2.0	<0.1	4.2	867	0.4	0.4	0.1
125118	Drill Core	7.59	0.017	3.9	355.2	36.2	110	0.6	6.3	8.3	882	3.67	7	2.0	<0.1	4.1	646	0.5	0.5	0.2
125119	Drill Core	3.12	0.033	3.3	387.3	19.4	77	0.4	6.9	7.9	792	3.74	7	2.8	<0.1	4.6	678	0.2	0.6	0.1
125120	Drill Core	7.51	0.035	6.3	199.8	31.1	104	0.4	7.1	15.8	893	4.43	9	1.7	<0.1	4.4	684	0.4	0.6	0.2
125121	Drill Core	7.35	0.024	3.2	222.4	11.5	47	0.2	7.6	7.2	263	3.97	2	2.1	<0.1	4.6	801	<0.1	0.3	0.1
125122	Drill Core	6.71	0.021	7.8	356.0	64.5	138	0.4	7.2	16.3	817	4.40	36	2.5	<0.1	5.0	784	0.7	0.8	0.2
125123	Drill Core	7.48	0.034	12.3	388.5	6.1	27	0.2	6.3	15.0	314	4.02	9	2.2	<0.1	4.4	670	0.1	0.3	0.2
125124	Drill Core	7.67	0.012	3.5	260.2	11.6	49	0.1	6.0	11.3	305	4.06	3	2.1	<0.1	4.9	801	0.1	0.2	<0.1
125125	Rock Pulp	0.16	0.435	147.8	3829	28.2	69	2.7	38.9	21.3	446	4.65	48	1.2	0.3	2.7	241	0.4	4.1	0.4
125126	Drill Core	7.21	0.015	6.6	229.5	12.8	68	0.1	6.5	10.5	255	4.16	22	2.3	<0.1	4.3	889	0.2	0.3	0.1
125127	Drill Core	6.23	0.015	5.5	363.5	18.7	69	0.3	8.3	15.9	269	4.47	7	2.2	<0.1	4.6	588	0.6	0.3	0.1
125128	Drill Core	3.59	0.011	3.9	272.2	17.3	62	0.1	7.8	14.9	378	4.52	4	2.4	<0.1	5.0	678	0.1	0.3	0.1
125129	Drill Core	7.04	0.023	14.5	613.8	31.4	153	0.5	8.3	22.8	714	5.34	53	2.4	<0.1	4.8	355	0.4	1.3	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125100	Drill Core	4.02	0.138	12.0	12	0.76	69	0.065	6.41	1.784	1.21	0.9	25.4	29	1.0	9.5	1.5	0.1	1	6
125101	Drill Core	3.39	0.125	9.7	9	0.85	30	0.063	6.21	1.978	1.18	0.7	22.4	22	0.8	7.2	1.4	0.1	1	6
125102	Drill Core	2.91	0.129	9.7	12	0.92	25	0.070	6.25	1.591	1.73	0.7	25.1	22	0.8	7.6	1.7	0.1	1	5
125103	Drill Core	2.06	0.124	14.5	9	1.04	40	0.075	7.07	0.148	2.88	0.9	31.0	34	0.6	8.6	1.6	0.1	<1	6
125104	Drill Core	2.40	0.130	12.3	19	0.92	47	0.094	6.92	0.080	2.86	0.8	32.8	28	0.9	8.4	1.6	0.1	2	6
125105	Drill Core	3.03	0.133	14.1	9	0.95	86	0.163	7.54	0.066	2.98	1.1	35.4	29	1.3	8.8	2.1	0.2	2	6
125106	Rock Pulp	0.42	0.114	14.3	75	1.13	147	0.324	6.82	1.533	4.41	18.5	29.2	28	2.7	11.1	3.0	0.2	1	14
125107	Drill Core	2.62	0.131	12.6	16	0.91	52	0.140	7.04	0.629	2.33	0.6	34.4	28	1.0	8.4	1.6	0.1	1	6
125108	Drill Core	2.33	0.131	12.5	19	1.06	40	0.083	6.60	0.971	2.37	0.4	33.4	28	0.7	7.8	1.3	0.1	<1	6
125109	Drill Core	2.72	0.125	11.7	16	1.09	35	0.102	6.91	1.281	1.92	0.3	28.4	27	0.7	8.0	1.5	0.1	1	6
125110	Rock	38.37	0.005	0.2	4	2.13	8	0.001	0.05	0.006	0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
125111	Drill Core	2.39	0.146	17.2	18	0.86	42	0.138	7.70	0.131	2.49	2.9	34.2	37	1.1	10.5	1.7	0.1	<1	6
125112	Drill Core	3.14	0.116	13.8	12	1.08	49	0.190	6.97	1.190	1.93	0.8	31.2	30	1.0	9.0	2.1	0.1	1	5
125113	Drill Core	2.63	0.124	13.9	13	0.88	45	0.167	7.32	2.372	1.99	0.1	37.2	32	1.0	9.3	2.1	0.2	1	6
125114	Drill Core	2.82	0.125	15.1	15	0.92	49	0.221	7.57	2.848	1.85	0.2	38.4	34	1.2	10.7	3.8	0.3	1	6
125115	Drill Core	2.81	0.127	14.2	15	0.90	49	0.225	7.36	2.153	2.07	0.2	35.2	32	1.0	11.0	3.5	0.3	1	6
125116	Drill Core	2.63	0.125	12.9	13	0.82	46	0.190	6.87	1.640	2.15	0.4	38.3	31	1.1	9.3	1.9	0.1	1	6
125117	Drill Core	2.93	0.126	12.9	14	0.88	44	0.168	7.19	2.180	1.96	0.2	40.8	30	1.1	10.2	1.7	0.1	1	6
125118	Drill Core	3.56	0.123	13.4	11	0.85	46	0.159	7.07	1.383	1.77	0.6	42.7	31	1.0	9.9	1.7	0.1	1	6
125119	Drill Core	3.08	0.130	13.3	10	0.90	43	0.168	7.32	1.452	1.83	0.3	44.8	31	1.1	10.1	1.6	0.1	<1	6
125120	Drill Core	3.17	0.129	12.9	8	1.00	61	0.114	7.15	1.004	2.30	0.5	39.1	31	0.9	9.5	1.5	<0.1	1	6
125121	Drill Core	2.67	0.132	14.8	15	0.96	55	0.198	7.60	2.610	1.87	0.3	38.2	34	1.3	10.4	2.7	0.2	<1	6
125122	Drill Core	2.60	0.138	15.9	12	0.96	54	0.206	7.77	1.741	2.15	0.6	42.3	37	1.5	11.0	3.0	0.2	<1	7
125123	Drill Core	2.41	0.137	14.0	11	0.92	36	0.152	7.34	1.655	2.23	0.6	42.1	33	1.4	9.7	2.1	0.2	1	7
125124	Drill Core	2.96	0.136	15.5	14	0.95	54	0.197	7.56	2.705	1.71	0.2	42.2	35	1.5	11.3	2.7	0.2	1	7
125125	Rock Pulp	0.39	0.114	16.5	62	1.04	115	0.303	7.30	1.489	5.43	15.1	27.7	33	2.1	12.0	2.9	0.2	1	16
125126	Drill Core	2.50	0.133	11.3	13	0.80	48	0.150	7.04	1.723	2.25	0.8	36.4	27	1.2	8.9	2.8	0.2	1	5
125127	Drill Core	2.29	0.138	13.4	13	0.90	35	0.145	8.43	2.129	2.45	0.5	46.6	32	1.3	8.9	2.1	0.2	2	7
125128	Drill Core	2.59	0.146	16.3	14	0.86	94	0.197	8.96	1.942	2.28	0.4	45.0	35	1.6	9.6	2.1	0.2	1	8
125129	Drill Core	2.66	0.154	13.6	13	1.00	52	0.195	9.02	0.731	2.55	1.0	45.7	32	1.9	8.7	2.5	0.2	2	7



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000675.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125100	Drill Core	4.8	25.6	0.9	
125101	Drill Core	5.9	25.6	0.8	
125102	Drill Core	6.1	43.5	0.9	
125103	Drill Core	4.7	73.5	1.0	
125104	Drill Core	4.1	71.3	1.3	
125105	Drill Core	3.1	93.3	1.4	
125106	Rock Pulp	2.3	127.9	0.8	
125107	Drill Core	3.5	62.8	1.2	
125108	Drill Core	4.0	55.3	1.1	
125109	Drill Core	3.9	51.4	1.0	
125110	Rock	<0.1	0.3	<0.1	
125111	Drill Core	3.8	76.0	1.3	
125112	Drill Core	2.7	54.2	1.2	
125113	Drill Core	3.2	53.4	1.4	
125114	Drill Core	2.6	48.1	1.4	
125115	Drill Core	2.9	46.1	1.2	
125116	Drill Core	3.6	62.0	1.3	
125117	Drill Core	3.8	55.4	1.4	
125118	Drill Core	3.0	53.9	1.4	
125119	Drill Core	3.1	56.9	1.6	
125120	Drill Core	4.2	64.7	1.3	
125121	Drill Core	2.4	50.1	1.4	
125122	Drill Core	2.8	69.2	1.4	
125123	Drill Core	3.3	62.8	1.2	
125124	Drill Core	2.8	51.6	1.3	
125125	Rock Pulp	2.1	145.4	0.8	
125126	Drill Core	3.3	50.6	1.4	
125127	Drill Core	3.7	68.4	1.5	
125128	Drill Core	2.1	64.2	1.6	
125129	Drill Core	3.7	62.1	1.5	



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QUALITY CONTROL REPORT

SMI11000675.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
Pulp Duplicates																					
125029	Drill Core	6.99	0.012	19.1	897.5	52.1	166	1.3	4.2	9.8	999	4.83	5	0.4	<0.1	2.8	568	0.9	3.7	0.3	37
REP 125029	QC	0.011																			
125034	Drill Core	6.51	0.014	12.2	822.1	73.3	236	1.8	5.8	12.0	854	5.49	3	0.5	<0.1	3.3	616	1.0	2.6	0.4	52
REP 125034	QC	12.4 792.6 67.4 225 1.6 4.8 10.8 798 5.27 4 0.4 <0.1 3.2 597 1.1 2.4 0.3 49																			
125046	Drill Core	6.83	0.062	66.3	1703	13.5	38	0.5	8.2	18.2	205	3.13	<1	0.8	<0.1	4.1	440	<0.1	0.6	0.4	53
REP 125046	QC	68.6 1726 13.3 41 0.4 9.4 18.0 207 3.13 2 0.8 <0.1 4.0 439 <0.1 0.5 0.3 54																			
125078	Drill Core	7.02	0.034	2.5	1452	8.0	32	0.4	5.2	11.1	153	3.81	2	0.7	<0.1	4.8	475	<0.1	0.3	0.5	59
REP 125078	QC	0.030																			
125099	Drill Core	7.02	0.008	0.7	42.1	18.3	75	0.2	4.5	4.3	211	3.45	4	1.0	<0.1	4.9	578	0.2	0.6	0.2	50
REP 125099	QC	0.7 43.0 18.5 71 0.1 5.4 4.2 219 3.56 5 1.1 <0.1 5.4 611 0.4 0.6 0.3 53																			
REP 125102	QC	<0.005																			
Core Reject Duplicates																					
125032	Drill Core	6.52	0.016	14.3	1024	259.4	857	5.9	5.5	10.5	3150	5.10	5	0.5	<0.1	3.0	473	4.5	11.3	0.4	37
DUP 125032	QC	0.013 13.4 1005 264.2 840 5.5 6.7 10.4 3080 5.03 5 0.4 <0.1 3.1 464 4.5 10.5 0.4 37																			
125067	Drill Core	6.57	0.013	1.4	893.5	21.2	72	0.4	5.5	11.7	357	3.20	3	0.7	<0.1	4.5	656	0.3	0.4	0.1	54
DUP 125067	QC	0.013 1.5 886.8 20.9 62 0.3 4.9 11.1 347 3.17 2 0.7 <0.1 4.1 626 0.3 0.4 0.1 53																			
125102	Drill Core	7.48	0.005	2.2	137.1	18.1	67	0.2	7.0	7.5	247	4.67	20	1.6	<0.1	4.7	683	0.4	0.6	0.2	57
DUP 125102	QC	<0.005 2.3 145.7 18.1 64 0.2 6.5 6.9 250 4.57 20 1.7 <0.1 5.4 728 0.3 0.6 0.1 62																			
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	1.4 48.7 2.7 113 <0.1 140.7 44.5 1070 7.36 <1 0.7 <0.1 2.8 376 0.2 <0.1 <0.1 168																			
STD OREAS24P	Standard	1.4 49.6 3.1 117 <0.1 146.7 45.8 1060 7.48 4 0.7 <0.1 2.9 378 0.2 <0.1 <0.1 161																			
STD OREAS24P	Standard	1.4 55.4 3.1 122 <0.1 151.7 47.8 1131 7.59 3 0.7 <0.1 3.0 396 <0.1 <0.1 <0.1 164																			
STD OREAS24P	Standard	1.4 58.0 2.8 109 0.2 138.3 43.0 1084 7.22 3 0.6 <0.1 2.9 442 0.2 0.3 0.1 161																			
STD OREAS24P	Standard	1.4 56.9 3.2 122 <0.1 146.1 47.6 1128 7.88 4 0.7 <0.1 3.4 378 0.2 <0.1 <0.1 179																			
STD OREAS45C	Standard	2.1 638.2 24.9 82 0.4 345.0 106.3 1150 18.67 12 2.3 <0.1 10.8 37 0.2 0.9 0.2 281																			
STD OREAS45C	Standard	2.0 608.0 24.8 80 0.4 314.3 98.5 1090 17.87 12 2.2 <0.1 10.3 40 <0.1 0.8 0.2 263																			



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
125029	Drill Core	3.07	0.059	7.6	8	0.65	25	0.062	6.49	0.113	2.77	0.4	8.8	21	3.4	6.2	0.9	<0.1	1	5	4.9
REP 125029	QC																				
125034	Drill Core	2.49	0.097	8.5	7	0.52	35	0.064	6.29	0.237	2.76	0.3	9.5	22	3.5	7.0	1.0	<0.1	1	5	4.4
REP 125034	QC	2.37	0.094	8.0	7	0.50	29	0.062	6.02	0.229	2.59	0.3	8.8	21	3.3	6.5	1.0	<0.1	<1	5	4.1
125046	Drill Core	3.59	0.095	12.6	17	0.72	42	0.088	6.59	2.283	1.52	0.1	14.7	28	1.0	9.5	1.8	0.1	<1	5	4.7
REP 125046	QC	3.59	0.103	12.0	16	0.72	36	0.086	6.25	2.349	1.53	0.1	14.5	27	0.7	9.1	1.9	0.1	1	5	4.7
125078	Drill Core	2.62	0.101	9.9	8	0.72	35	0.099	6.56	1.562	2.37	0.3	11.0	22	2.3	7.9	2.2	0.2	1	5	7.8
REP 125078	QC																				
125099	Drill Core	4.12	0.130	10.7	11	0.77	45	0.052	6.20	1.066	1.61	0.5	23.2	29	1.1	8.6	1.0	<0.1	1	5	23.0
REP 125099	QC	4.27	0.134	11.7	13	0.81	41	0.055	6.52	1.109	1.68	0.6	24.4	32	1.1	9.1	1.0	<0.1	<1	5	25.7
REP 125102	QC																				
Core Reject Duplicates																					
125032	Drill Core	3.03	0.084	7.6	7	0.44	33	0.055	6.25	0.225	2.74	0.4	8.4	20	2.8	6.7	1.0	<0.1	<1	5	3.9
DUP 125032	QC	2.97	0.075	7.9	10	0.45	28	0.052	6.45	0.223	2.77	0.3	8.5	20	2.7	6.9	0.7	<0.1	<1	4	3.6
125067	Drill Core	3.06	0.102	12.2	12	0.76	67	0.122	7.51	2.168	2.11	0.1	14.7	28	1.2	8.7	3.3	0.2	1	6	8.9
DUP 125067	QC	2.94	0.110	11.3	13	0.74	45	0.121	7.17	2.082	1.97	0.1	14.8	26	1.1	8.3	3.1	0.2	<1	6	7.7
125102	Drill Core	2.91	0.129	9.7	12	0.92	25	0.070	6.25	1.591	1.73	0.7	25.1	22	0.8	7.6	1.7	0.1	1	5	31.4
DUP 125102	QC	2.90	0.127	11.3	8	0.97	33	0.070	6.47	1.707	1.79	0.8	25.3	24	0.8	8.2	1.7	0.1	2	6	32.7
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	5.60	0.137	17.5	185	4.12	269	1.066	7.71	2.535	0.61	0.5	132.0	36	1.5	22.5	19.9	1.1	1	20	7.9
STD OREAS24P	Standard	5.92	0.139	19.1	208	4.19	282	1.099	8.04	2.548	0.62	0.5	139.1	38	1.6	21.2	19.6	1.2	2	19	7.5
STD OREAS24P	Standard	6.10	0.129	19.0	209	4.25	280	1.093	8.02	2.604	0.67	0.4	133.9	38	1.7	22.1	19.3	1.1	<1	21	7.8
STD OREAS24P	Standard	5.78	0.133	18.3	195	4.07	293	1.096	7.99	2.618	0.66	0.5	135.0	39	1.7	21.4	19.0	1.1	1	20	6.8
STD OREAS24P	Standard	5.79	0.145	20.0	202	4.26	312	1.132	8.04	2.577	0.69	0.4	136.4	38	1.7	21.6	19.4	1.1	1	20	9.2
STD OREAS45C	Standard	0.48	0.051	26.6	932	0.28	277	1.199	7.37	0.110	0.35	1.2	163.4	53	2.9	13.2	22.8	1.5	1	59	16.0
STD OREAS45C	Standard	0.49	0.048	25.5	942	0.26	277	1.162	7.30	0.087	0.34	1.1	170.5	52	3.0	12.4	23.3	1.5	<1	57	15.4



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000675.1

Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
125029	Drill Core	6.8	77.0	0.3	
REP 125029	QC				
125034	Drill Core	7.2	75.6	0.4	
REP 125034	QC	6.9	71.9	0.3	
125046	Drill Core	4.5	49.8	0.5	
REP 125046	QC	4.6	47.7	0.5	
125078	Drill Core	4.5	54.2	0.4	
REP 125078	QC				
125099	Drill Core	5.9	32.1	0.8	
REP 125099	QC	6.0	34.2	0.9	
REP 125102	QC				
Core Reject Duplicates					
125032	Drill Core	7.1	83.0	0.3	
DUP 125032	QC	7.0	84.1	0.3	
125067	Drill Core	3.8	64.3	0.5	
DUP 125067	QC	3.8	62.3	0.5	
125102	Drill Core	6.1	43.5	0.9	
DUP 125102	QC	5.8	46.3	0.9	
Reference Materials					
STD OREAS131B	Standard				0.021
STD OREAS153A	Standard				0.729
STD OREAS24P	Standard	<0.1	21.7	3.5	
STD OREAS24P	Standard	<0.1	21.7	3.7	
STD OREAS24P	Standard	<0.1	24.8	3.5	
STD OREAS24P	Standard	<0.1	25.5	3.0	
STD OREAS24P	Standard	<0.1	22.8	3.6	
STD OREAS45C	Standard	<0.1	24.1	4.3	
STD OREAS45C	Standard	<0.1	22.7	4.5	



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS45C	Standard			2.5	623.5	25.0	85	0.4	335.7	106.4	1175	18.26	13	2.2	<0.1	10.9	35	0.1	0.7	0.3
STD OREAS45C	Standard			2.3	642.0	25.2	79	0.4	338.1	102.8	1145	18.55	11	2.2	<0.1	10.5	39	0.2	0.8	0.4
STD OREAS45C	Standard			2.3	632.9	27.1	87	0.4	349.1	110.4	1182	19.53	13	2.7	<0.1	12.0	37	0.3	0.9	0.2
STD OXH82	Standard		1.356																	
STD OXH82	Standard		1.323																	
STD OXH82	Standard		1.341																	
STD OXH82	Standard		1.262																	
STD OXH82	Standard		1.231																	
STD OXH82	Standard		1.339																	
STD OXH82	Standard		1.240																	
STD OXK79	Standard		3.740																	
STD OXK79	Standard		3.725																	
STD OXK79	Standard		3.769																	
STD OXK79	Standard		3.576																	
STD OXK79	Standard		3.609																	
STD OXK79	Standard		3.873																	
STD OXK79	Standard		3.668																	
STD SU-1B	Standard																			
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
STD OREAS131B Expected																				
STD SU-1B Expected																				
STD OREAS153A Expected																				
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 23, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000675.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.51	0.048	26.5	972	0.25	280	1.085	7.57	0.098	0.35	1.0	162.6	52	3.0	12.2	22.0	1.3	<1	61	16.3
STD OREAS45C	Standard	0.50	0.051	25.8	981	0.28	291	1.201	7.54	0.111	0.38	0.9	171.6	55	2.9	12.9	22.6	1.4	<1	60	16.6
STD OREAS45C	Standard	0.51	0.049	30.1	996	0.29	300	1.219	7.60	0.108	0.35	1.2	175.0	56	3.2	13.8	24.1	1.5	1	57	16.7
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Project: Poplar Drilling

Report Date: December 23, 2011

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000675.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD OREAS45C	Standard	<0.1	23.9	4.3	
STD OREAS45C	Standard	<0.1	26.5	4.4	
STD OREAS45C	Standard	<0.1	26.6	4.7	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SU-1B	Standard				1.219
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
STD OREAS153A Expected					0.712
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				

QUALITY CONTROL REPORT

SMI11000675.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.003	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	2.37	0.073	22.9	3	0.58	966	0.225	7.09	2.844	3.04	0.2	10.0	49	1.4	13.7	23.6	1.2	3	5	34.9
G1	Prep Blank	2.17	0.069	19.3	4	0.54	1095	0.212	6.91	2.754	3.26	0.2	9.8	46	1.5	12.6	24.9	1.5	3	4	31.6



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Project: Poplar Drilling

Report Date: December 23, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000675.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
Prep Wash					
G1	Prep Blank	<0.1	126.6	0.6	
G1	Prep Blank	<0.1	133.0	0.5	



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 20, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000675R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_105
P.O. Number
Number of Samples: 43

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	43	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	43	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: February 20, 2012

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI11000675R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
125074	Drill Core	0.030	2.8	1195	7.6	28	0.2	5.3	9.9	150	2.40	<1	0.5	<0.1	3.7	648	0.1	1.0	0.1	57
125075	Drill Core	0.032	7.7	1140	33.7	83	0.7	5.8	12.8	287	3.39	1	0.6	<0.1	3.2	351	0.4	0.5	0.2	50
125076	Drill Core	0.031	6.3	1138	65.7	138	0.8	5.6	13.1	295	3.40	<1	0.5	<0.1	3.0	360	0.8	0.6	0.2	48
125077	Drill Core	0.037	6.8	1284	8.0	30	0.3	5.5	12.3	120	3.15	1	0.5	<0.1	3.6	546	<0.1	0.4	0.1	56
125078	Drill Core	0.045	1.9	1321	6.9	28	0.4	5.2	10.4	150	3.47	3	0.5	<0.1	3.5	369	<0.1	0.3	0.2	54
125079	Drill Core	0.040	3.1	1205	8.7	28	0.3	5.7	11.7	184	3.58	2	0.4	<0.1	3.5	443	<0.1	0.6	0.2	57
125080	Drill Core	0.086	5.1	1986	70.7	193	1.6	5.9	12.0	903	3.44	5	0.6	<0.1	3.9	526	1.1	3.3	0.4	60
125081	Drill Core	0.110	2.1	2671	11.9	51	0.5	5.5	12.6	628	3.49	2	0.5	0.1	3.7	175	0.1	0.9	0.2	67
125082	Drill Core	0.077	3.1	1997	12.5	82	0.7	5.9	13.9	491	4.07	5	0.5	<0.1	3.7	159	0.4	0.9	0.2	64
125083	Drill Core	0.087	6.0	2421	15.1	46	0.7	5.4	12.8	706	3.83	1	0.4	<0.1	3.3	201	0.2	1.2	0.2	63
125084	Rock Pulp	0.503	151.3	3707	25.1	65	2.3	39.3	20.6	398	4.40	40	1.1	0.4	2.0	197	0.3	4.3	0.4	218
125085	Drill Core	0.101	1.6	3006	27.3	109	1.4	4.9	11.7	1098	3.34	12	0.4	0.2	4.0	283	0.5	7.7	0.2	68
125086	Drill Core	0.112	24.7	3150	12.1	38	1.0	6.1	14.7	565	3.63	3	0.4	<0.1	3.5	283	<0.1	1.5	0.2	65
125087	Drill Core	0.087	2.4	2455	79.7	184	1.5	5.9	15.4	706	3.80	2	0.5	0.1	3.9	231	1.0	1.1	0.2	67
125088	Drill Core	0.166	25.3	2922	22.5	66	1.7	6.0	13.3	797	4.68	3	0.5	0.1	3.5	231	0.2	2.3	0.2	72
125089	Drill Core	0.080	3.0	2510	135.8	501	3.3	6.6	14.9	3287	4.12	18	0.6	<0.1	3.5	222	2.8	4.9	0.3	61
125090	Drill Core	0.123	6.4	3899	92.3	605	3.0	5.8	11.0	1918	3.73	12	0.7	0.2	3.7	262	2.9	7.0	0.2	56
125091	Drill Core	0.067	8.7	3178	99.4	570	3.3	6.6	12.6	1649	4.27	70	0.7	0.1	3.5	167	3.1	6.6	<0.1	69
125092	Rock	<0.005	<0.1	7.5	0.7	2	<0.1	<0.1	0.3	40	0.02	<1	1.2	<0.1	<0.1	3509	<0.1	<0.1	<0.1	<1
125093	Drill Core	0.086	19.7	3026	304.3	1831	5.0	8.7	21.6	1889	5.26	330	1.0	<0.1	2.9	146	10.0	14.2	0.1	77
125094	Drill Core	0.322	4.8	>10000	125.6	469	9.2	15.3	30.5	877	6.28	338	0.8	0.3	3.3	442	2.3	9.1	0.1	74
125095	Drill Core	0.104	4.6	4200	53.2	255	1.8	7.3	17.3	599	4.38	156	0.7	0.7	3.8	308	1.4	6.1	0.1	51
125096	Drill Core	0.115	3.6	4170	14.9	44	1.1	7.3	10.1	196	4.66	2	0.6	0.1	3.5	376	0.3	0.4	0.2	65
125097	Drill Core	0.127	3.3	4260	15.7	54	1.2	5.8	10.1	200	4.76	2	0.6	<0.1	3.2	399	0.5	0.3	0.2	61
125098	Drill Core	0.046	3.3	1638	18.7	77	0.4	5.8	8.9	399	3.45	2	0.6	<0.1	3.6	441	0.3	0.4	0.2	59
125099	Drill Core	0.005	0.6	42.5	17.0	73	0.2	4.7	4.3	216	3.33	<1	0.8	<0.1	4.1	533	0.4	0.6	0.3	50
125100	Drill Core	<0.005	0.6	47.3	9.2	32	<0.1	5.4	4.0	168	2.72	3	0.8	<0.1	4.0	484	<0.1	0.2	0.1	63
125101	Drill Core	<0.005	0.6	46.4	16.8	77	0.1	9.2	8.5	234	3.77	6	0.8	<0.1	3.5	532	0.3	0.3	0.2	67
125102	Drill Core	<0.005	2.2	134.1	16.1	60	0.2	6.6	7.0	237	4.23	20	1.0	<0.1	3.2	539	0.3	0.8	0.1	55
125103	Drill Core	<0.005	3.1	118.7	18.6	96	0.2	7.4	6.6	639	4.27	25	1.6	<0.1	4.3	577	0.4	1.7	0.2	60



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Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI11000675R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
125074	Drill Core	0.098	9.2	15	0.72	48	0.127	6.34	1.795	1.67	0.1	12.5	21	1.0	8.0	3.5	0.2	1	5	7.0
125075	Drill Core	0.086	7.9	13	0.71	31	0.094	5.93	1.230	2.28	0.2	11.6	18	1.2	7.0	2.4	0.1	<1	5	6.5
125076	Drill Core	0.086	8.0	12	0.74	48	0.091	5.69	1.256	1.81	0.2	11.0	19	1.1	7.6	2.3	0.1	<1	5	6.6
125077	Drill Core	0.087	8.7	15	0.67	34	0.123	6.18	1.684	1.63	0.2	11.2	21	1.2	8.0	2.9	0.2	2	5	7.5
125078	Drill Core	0.092	7.9	12	0.64	29	0.092	6.27	1.360	2.00	0.3	10.3	19	1.4	7.6	2.3	0.1	1	5	6.8
125079	Drill Core	0.084	7.1	15	0.68	30	0.096	6.36	1.048	2.30	0.2	9.0	17	1.4	7.3	2.6	0.2	<1	5	8.3
125080	Drill Core	0.098	10.3	12	0.72	52	0.105	6.73	0.250	2.39	0.7	11.0	23	1.4	8.6	2.6	0.2	<1	6	11.2
125081	Drill Core	0.105	6.6	15	0.84	75	0.120	6.11	0.989	1.44	0.3	9.1	16	1.4	7.3	3.0	0.2	1	6	18.4
125082	Drill Core	0.097	7.2	13	0.72	34	0.108	6.21	0.680	1.78	0.9	8.4	17	2.2	7.1	2.7	0.2	1	5	13.7
125083	Drill Core	0.087	5.8	13	0.91	52	0.104	5.43	0.483	1.62	0.4	6.5	13	1.5	7.1	2.6	0.2	<1	5	12.8
125084	Rock Pulp	0.106	11.6	66	0.98	147	0.292	5.16	1.372	3.67	15.7	29.2	23	2.4	9.3	3.4	0.2	2	13	11.3
125085	Drill Core	0.108	7.0	12	0.85	133	0.170	6.64	0.410	1.97	0.6	6.0	16	1.2	7.5	4.5	0.3	<1	6	14.2
125086	Drill Core	0.089	6.4	14	0.76	48	0.141	6.39	0.880	1.82	0.7	5.7	15	1.5	6.6	3.4	0.2	<1	5	11.8
125087	Drill Core	0.101	7.0	13	0.76	59	0.108	6.65	0.441	2.33	0.5	6.6	16	1.6	6.7	2.6	0.2	<1	5	14.2
125088	Drill Core	0.104	8.8	14	0.81	61	0.136	6.40	0.381	2.14	0.3	7.1	20	1.4	8.1	3.1	0.2	2	6	15.0
125089	Drill Core	0.085	6.5	12	0.77	43	0.115	6.41	0.058	2.46	1.2	9.7	15	1.6	6.0	2.9	0.2	<1	5	11.9
125090	Drill Core	0.081	6.7	12	0.92	63	0.145	6.00	0.067	1.86	0.6	10.1	15	1.7	6.5	3.5	0.2	<1	5	17.4
125091	Drill Core	0.095	9.5	11	0.82	40	0.139	5.98	0.073	1.85	0.7	10.6	21	1.8	7.1	3.2	0.2	1	6	16.5
125092	Rock	0.003	0.2	3	1.48	9	0.002	0.12	0.003	<0.01	<0.1	0.7	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.2
125093	Drill Core	0.088	6.9	13	0.44	40	0.075	5.23	0.118	2.74	1.5	7.0	16	3.7	5.2	1.7	0.1	<1	5	6.1
125094	Drill Core	0.083	7.9	12	0.60	37	0.061	5.14	0.171	2.23	1.0	6.5	18	5.9	5.1	1.2	0.1	<1	5	5.2
125095	Drill Core	0.091	8.8	11	0.92	33	0.066	6.50	0.319	2.34	0.6	9.7	21	2.2	6.7	1.9	0.1	1	5	14.1
125096	Drill Core	0.102	7.1	12	0.77	31	0.083	5.41	1.498	1.41	0.5	10.3	17	2.1	6.8	2.2	0.1	<1	5	13.4
125097	Drill Core	0.086	6.6	13	0.70	37	0.080	5.25	1.273	1.39	0.4	10.0	16	1.8	6.4	2.0	0.2	<1	5	10.7
125098	Drill Core	0.116	8.3	16	0.73	39	0.090	6.13	1.570	1.64	0.6	14.8	21	1.7	7.7	2.4	0.2	<1	5	13.3
125099	Drill Core	0.126	10.3	11	0.74	47	0.052	6.06	1.055	1.59	0.7	25.2	28	1.2	9.1	1.1	<0.1	2	5	23.2
125100	Drill Core	0.133	9.6	14	0.69	65	0.067	5.88	1.711	1.08	1.0	25.3	24	0.9	9.1	1.7	0.1	2	5	30.8
125101	Drill Core	0.112	8.1	12	0.77	50	0.068	5.50	1.835	1.11	0.9	23.4	18	0.8	6.8	1.8	0.1	<1	5	53.5
125102	Drill Core	0.118	7.4	11	0.84	25	0.065	5.31	1.454	1.54	0.8	23.3	17	0.8	6.9	1.9	0.1	<1	5	24.8
125103	Drill Core	0.118	11.9	12	0.95	38	0.076	6.57	0.142	2.64	1.1	33.0	28	0.9	8.6	2.1	0.1	<1	5	30.4



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CERTIFICATE OF ANALYSIS

SMI11000675R.1

Method	1EX	1EX	7TD
Analyte	Rb	Hf	Cu
Unit	ppm	ppm	%
MDL	0.1	0.1	0.001
125074	Drill Core	38.7	0.6
125075	Drill Core	46.2	0.5
125076	Drill Core	45.5	0.5
125077	Drill Core	41.7	0.5
125078	Drill Core	45.6	0.4
125079	Drill Core	49.1	0.3
125080	Drill Core	63.5	0.4
125081	Drill Core	39.3	0.3
125082	Drill Core	48.3	0.3
125083	Drill Core	40.0	0.3
125084	Rock Pulp	109.9	0.9
125085	Drill Core	59.9	0.2
125086	Drill Core	60.3	0.2
125087	Drill Core	64.4	0.3
125088	Drill Core	57.3	0.2
125089	Drill Core	71.0	0.3
125090	Drill Core	60.3	0.3
125091	Drill Core	52.9	0.4
125092	Rock	1.3	<0.1
125093	Drill Core	84.8	0.3
125094	Drill Core	68.8	0.2 1.336
125095	Drill Core	57.7	0.4
125096	Drill Core	36.4	0.3
125097	Drill Core	37.6	0.3
125098	Drill Core	37.2	0.6
125099	Drill Core	30.3	0.9
125100	Drill Core	22.0	0.9
125101	Drill Core	21.1	0.9
125102	Drill Core	31.4	0.9
125103	Drill Core	63.2	1.1



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Project: Poplar Drilling
Report Date: February 20, 2012

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CERTIFICATE OF ANALYSIS

SMI11000675R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
125104	Drill Core	0.005	2.2	418.5	657.7	543	1.1	8.1	10.8	2155	4.22	90	1.5	<0.1	4.3	436	3.4	5.5	0.2	69	2.37
125105	Drill Core	0.013	2.4	311.1	128.1	499	0.8	7.2	8.3	4874	4.25	41	2.1	<0.1	4.3	488	2.9	3.6	0.1	72	2.83
125106	Rock Pulp	0.431	149.6	3716	28.9	64	2.3	39.7	20.7	397	4.38	37	1.2	0.4	2.3	198	0.2	4.2	0.4	216	0.31
125107	Drill Core	0.024	4.2	505.3	22.5	80	0.3	7.6	12.5	609	4.31	63	1.8	<0.1	3.9	409	0.4	3.1	<0.1	72	2.46
125108	Drill Core	0.009	4.7	365.3	6.4	33	0.1	7.2	11.3	226	3.85	33	1.6	<0.1	3.6	762	0.1	1.2	<0.1	65	2.18
125109	Drill Core	0.012	2.7	330.9	8.3	32	0.1	6.4	11.2	274	3.72	16	1.4	<0.1	3.7	743	<0.1	0.6	<0.1	63	2.40
125110	Rock	<0.005	<0.1	1.9	0.2	<1	<0.1	0.4	0.3	28	0.02	<1	1.2	<0.1	<0.1	3863	<0.1	<0.1	<0.1	1	33.95
125111	Drill Core	0.007	2.0	301.8	45.0	253	0.4	7.5	8.3	706	4.31	59	2.2	<0.1	3.9	323	1.2	2.6	0.2	68	2.02
125112	Drill Core	0.007	2.8	204.1	27.7	73	0.2	6.9	8.8	418	3.98	17	1.5	<0.1	3.6	696	0.4	1.0	0.1	69	3.05
125113	Drill Core	<0.005	4.3	303.3	12.2	53	0.2	7.2	8.1	365	3.65	4	1.9	<0.1	4.0	598	0.1	0.4	<0.1	68	2.50
125114	Drill Core	0.007	2.7	229.7	9.4	40	0.1	7.0	9.5	177	3.96	2	1.8	<0.1	4.4	579	<0.1	0.2	<0.1	70	2.67
125115	Drill Core	0.007	6.3	302.8	8.3	35	0.1	7.9	18.2	204	4.23	6	2.0	<0.1	4.7	597	<0.1	0.2	<0.1	76	2.74
125116	Drill Core	0.006	26.3	275.2	60.8	177	0.4	6.6	11.5	1125	4.41	16	1.8	<0.1	3.9	493	0.9	1.6	0.1	72	2.62



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Report Date: February 20, 2012

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CERTIFICATE OF ANALYSIS

SMI11000675R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
125104	Drill Core	0.129	12.1	12	0.93	51	0.100	7.16	0.070	2.89	0.9	32.8	27	0.8	8.5	2.0	0.1	<1	6	72.7
125105	Drill Core	0.127	12.0	12	0.89	59	0.141	6.90	0.057	2.85	0.9	33.0	25	1.1	8.4	2.0	0.1	2	6	68.6
125106	Rock Pulp	0.106	12.9	64	0.98	177	0.295	5.47	1.381	4.12	16.1	28.8	25	2.3	9.9	3.0	0.2	<1	12	11.2
125107	Drill Core	0.127	11.4	13	0.88	43	0.128	5.94	0.604	2.27	0.7	36.5	26	1.2	8.4	1.9	0.1	<1	5	57.0
125108	Drill Core	0.121	11.5	12	1.00	32	0.078	6.24	1.051	2.16	0.3	34.0	27	0.7	7.8	1.7	0.1	<1	5	19.0
125109	Drill Core	0.117	10.9	13	1.02	46	0.092	5.63	1.277	1.89	0.4	28.9	24	0.7	8.0	1.6	0.1	2	5	41.7
125110	Rock	0.002	0.2	2	1.74	6	0.001	0.04	0.004	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1	0.5
125111	Drill Core	0.128	10.0	14	0.76	59	0.123	5.96	0.118	2.31	2.8	29.9	23	0.9	6.9	1.6	0.1	1	5	55.4
125112	Drill Core	0.123	9.9	16	1.01	129	0.182	6.14	1.230	1.93	0.9	29.8	22	1.1	6.9	2.3	0.2	1	5	89.4
125113	Drill Core	0.127	10.5	17	0.84	65	0.159	5.83	2.234	2.09	0.2	37.9	23	1.0	7.3	2.3	0.2	<1	5	14.4
125114	Drill Core	0.127	12.0	23	0.87	90	0.200	6.05	2.526	1.80	0.2	34.7	25	1.2	8.4	3.5	0.3	1	5	13.8
125115	Drill Core	0.131	13.2	22	0.92	79	0.211	6.44	2.077	2.13	0.3	33.9	27	1.0	9.3	3.7	0.2	<1	6	70.7
125116	Drill Core	0.127	11.3	18	0.85	70	0.174	5.86	1.572	2.23	0.4	37.3	25	1.0	7.3	2.1	0.2	2	5	38.2



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	7TD
	Analyte	Rb	Hf	Cu
	Unit	ppm	ppm	%
	MDL	0.1	0.1	0.001
125104	Drill Core	63.9	1.3	
125105	Drill Core	70.4	1.2	
125106	Rock Pulp	117.5	0.9	
125107	Drill Core	54.2	1.4	
125108	Drill Core	51.8	1.2	
125109	Drill Core	47.8	1.0	
125110	Rock	0.3	<0.1	
125111	Drill Core	42.5	1.1	
125112	Drill Core	42.7	1.1	
125113	Drill Core	46.6	1.2	
125114	Drill Core	36.6	1.2	
125115	Drill Core	40.9	1.1	
125116	Drill Core	49.6	1.3	



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QUALITY CONTROL REPORT

SMI11000675R.1

		Method	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																						
125075	Drill Core		0.032	7.7	1140	33.7	83	0.7	5.8	12.8	287	3.39	1	0.6	<0.1	3.2	351	0.4	0.5	0.2	50	2.74
REP 125075	QC		0.031																			
125103	Drill Core		<0.005	3.1	118.7	18.6	96	0.2	7.4	6.6	639	4.27	25	1.6	<0.1	4.3	577	0.4	1.7	0.2	60	1.94
REP 125103	QC		<0.005																			
125104	Drill Core		0.005	2.2	418.5	657.7	543	1.1	8.1	10.8	2155	4.22	90	1.5	<0.1	4.3	436	3.4	5.5	0.2	69	2.37
REP 125104	QC			2.2	417.7	685.6	529	1.1	7.2	11.1	2118	4.24	92	1.6	<0.1	4.2	438	3.3	5.1	0.2	69	2.40
Reference Materials																						
STD OREAS131B	Standard																					
STD OREAS24P	Standard			1.9	57.0	3.0	113	<0.1	147.9	47.1	1108	7.43	1	0.7	<0.1	3.0	370	<0.1	<0.1	<0.1	169	5.82
STD OREAS24P	Standard			1.3	55.9	3.1	119	<0.1	144.6	45.7	953	7.10	<1	0.7	<0.1	2.7	348	0.1	0.2	<0.1	167	5.33
STD OREAS45C	Standard			2.3	624.7	25.9	90	0.3	331.4	104.5	1170	17.46	11	2.5	<0.1	11.1	33	0.2	0.8	0.2	273	0.45
STD OREAS45C	Standard			2.2	621.0	22.9	80	0.3	348.1	105.4	1035	18.10	11	2.0	<0.1	9.6	35	0.3	0.9	0.2	293	0.46
STD OXH82	Standard		1.289																			
STD OXK79	Standard		3.459																			
STD OXK79	Standard		3.642																			
STD SU-1B	Standard																					
STD OXH82 Expected			1.278																			
STD OXK79 Expected			3.532																			
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
STD OREAS131B Expected																						
STD SU-1B Expected																						
BLK	Blank		<0.005																			
BLK	Blank		<0.005																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1	<0.01	
BLK	Blank		<0.005																			
BLK	Blank		<0.005																			
BLK	Blank			<0.1	0.2	0.5	<1	<0.1	<0.1	<0.2	2	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01



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QUALITY CONTROL REPORT

SMI11000675R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																				
125075	Drill Core	0.086	7.9	13	0.71	31	0.094	5.93	1.230	2.28	0.2	11.6	18	1.2	7.0	2.4	0.1	<1	5	6.5
REP 125075	QC																			4.3
125103	Drill Core	0.118	11.9	12	0.95	38	0.076	6.57	0.142	2.64	1.1	33.0	28	0.9	8.6	2.1	0.1	<1	5	30.4
REP 125103	QC																			4.1
125104	Drill Core	0.129	12.1	12	0.93	51	0.100	7.16	0.070	2.89	0.9	32.8	27	0.8	8.5	2.0	0.1	<1	6	72.7
REP 125104	QC	0.130	11.7	12	0.92	48	0.102	6.87	0.071	2.92	0.8	33.8	27	1.0	8.5	2.0	0.1	2	6	75.7
Reference Materials																				
STD OREAS131B	Standard																			
STD OREAS24P	Standard	0.131	18.6	216	4.02	274	1.119	7.72	2.480	0.67	0.4	134.2	36	1.3	20.7	19.6	1.1	1	19	8.3
STD OREAS24P	Standard	0.125	18.1	198	3.96	270	1.043	7.61	2.426	0.62	0.5	128.2	36	1.4	21.1	17.9	1.1	1	18	6.9
STD OREAS45C	Standard	0.050	24.5	1024	0.21	276	1.206	7.32	0.104	0.34	1.1	161.4	47	2.6	11.0	23.1	1.5	<1	54	17.4
STD OREAS45C	Standard	0.046	25.7	950	0.25	271	1.166	7.18	0.093	0.34	1.1	168.3	48	2.9	12.6	22.5	1.4	<1	53	14.3
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OREAS131B Expected																				0.021
STD SU-1B Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<0.1	4	<0.01	1	<0.001	0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<0.1	5	<0.01	4	<0.001	0.08	0.002	<0.01	<0.1	0.3	<1	<0.1	0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000675R.1

Method	1EX	1EX	7TD
Analyte	Rb	Hf	Cu
Unit	ppm	ppm	%
MDL	0.1	0.1	0.001
Pulp Duplicates			
125075 Drill Core	46.2	0.5	
REP 125075 QC			
125103 Drill Core	63.2	1.1	
REP 125103 QC			
125104 Drill Core	63.9	1.3	
REP 125104 QC	62.1	1.2	
Reference Materials			
STD OREAS131B Standard			0.022
STD OREAS24P Standard	20.5	3.4	
STD OREAS24P Standard	20.7	3.4	
STD OREAS45C Standard	20.0	4.4	
STD OREAS45C Standard	23.0	4.3	
STD OXH82 Standard			
STD OXK79 Standard			
STD OXK79 Standard			
STD SU-1B Standard			1.152
STD OXH82 Expected			
STD OXK79 Expected			
STD OREAS24P Expected	22.4	3.6	
STD OREAS45C Expected	24	4.27	
STD OREAS131B Expected			0.0216
STD SU-1B Expected			1.185
BLK Blank			
BLK Blank			
BLK Blank	0.2	<0.1	
BLK Blank			
BLK Blank			
BLK Blank	0.4	<0.1	



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: February 20, 2012

Page: 2 of 2 **Part** 1

QUALITY CONTROL REPORT

SMI11000675R.1

		G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
BLK	Blank																				



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Report Date: February 20, 2012

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

SMI11000675R.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
BLK		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Blank																					



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Project: Poplar Drilling

Report Date: February 20, 2012

Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000675R.1

		1EX	1EX	7TD
		Rb	Hf	Cu
		ppm	ppm	%
		0.1	0.1	0.001
BLK	Blank	<0.001		



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: December 19, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000692.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_16
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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880 - 609 Granville St.
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Project: Poplar Drilling
Report Date: December 19, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046556	Drill Core	6.65	0.016	43.1	889.5	15.4	52	0.3	5.0	18.5	281	2.57	4	1.7	<0.1	4.9	409	0.3	0.2	0.2
1046557	Drill Core	6.14	0.030	99.6	1339	16.5	45	0.4	4.3	17.0	186	1.98	4	1.6	<0.1	4.5	413	0.3	0.4	0.2
1046558	Drill Core	7.00	0.020	89.1	1160	12.4	38	0.3	4.1	18.1	181	2.07	2	1.8	<0.1	4.6	399	0.1	0.2	0.2
1046559	Drill Core	7.03	0.041	66.4	2332	9.1	26	0.6	5.3	21.1	152	2.59	4	1.6	<0.1	4.4	448	0.2	0.2	0.2
1046560	Drill Core	6.59	0.038	88.1	2026	10.7	32	0.6	5.8	20.7	175	2.14	4	2.0	<0.1	4.4	496	0.1	0.2	0.2
1046561	Drill Core	8.21	0.057	121.7	2083	11.3	32	0.5	6.9	23.2	197	2.10	5	1.8	<0.1	4.6	514	0.2	0.2	0.1
1046562	Drill Core	7.49	0.049	98.5	2481	11.6	31	0.7	7.7	21.0	192	2.36	3	2.0	0.1	4.3	482	0.2	0.2	0.2
1046563	Drill Core	7.75	0.043	48.3	1866	11.6	31	0.6	8.9	23.9	187	2.49	3	2.2	<0.1	4.8	519	0.2	0.2	0.2
1046564	Drill Core	3.06	0.036	42.9	1819	10.9	30	0.6	8.5	24.8	202	2.61	4	2.1	<0.1	4.9	496	<0.1	0.2	0.2
1046565	Drill Core	7.20	0.022	85.0	1137	14.8	40	0.4	7.7	22.4	178	2.87	2	1.9	<0.1	4.8	440	0.2	0.2	0.2
1046566	Drill Core	7.43	0.013	25.6	921.8	8.4	29	0.3	8.3	24.8	175	3.21	2	1.9	<0.1	4.8	458	0.1	0.2	0.2
1046567	Drill Core	7.24	0.031	23.2	717.3	17.0	42	0.4	7.7	22.6	215	3.01	6	1.8	<0.1	4.9	597	0.1	1.6	0.1
1046568	Drill Core	6.88	0.013	49.1	983.0	9.2	32	0.3	8.1	20.4	179	3.20	1	2.0	<0.1	4.9	476	<0.1	0.3	0.1
1046569	Drill Core	7.63	0.016	17.9	858.3	12.7	45	0.4	7.5	23.0	242	3.09	7	1.8	<0.1	4.8	542	0.1	0.6	0.2
1046570	Drill Core	8.00	0.023	40.9	1167	15.2	50	0.5	8.5	26.7	292	2.96	7	2.2	<0.1	4.6	530	0.1	0.5	0.2
1046571	Rock	0.71	<0.005	0.3	4.1	0.2	<1	<0.1	<0.1	<0.2	33	<0.01	15	1.4	<0.1	<0.1	3838	<0.1	<0.1	<0.1
1046572	Drill Core	7.88	0.019	92.7	1093	27.0	58	0.7	7.3	19.1	436	2.54	12	2.5	<0.1	5.3	592	0.3	0.8	0.2
1046573	Drill Core	7.36	0.027	29.2	1248	19.2	51	0.4	7.6	18.8	175	2.80	8	2.0	<0.1	5.1	560	0.3	0.5	<0.1
1046574	Drill Core	7.70	0.025	32.9	1597	11.6	28	0.6	8.3	23.8	169	3.09	3	2.1	<0.1	4.8	546	0.1	0.2	0.1
1046575	Drill Core	7.51	0.022	14.5	1327	9.2	29	0.3	8.6	24.8	181	3.23	9	2.1	<0.1	5.1	564	<0.1	0.2	0.1
1046576	Drill Core	7.51	0.018	20.1	934.2	8.4	29	0.3	9.3	22.3	183	4.00	10	2.0	<0.1	4.7	537	<0.1	0.2	0.1
1046577	Rock Pulp	0.13	0.475	148.5	3899	29.7	67	2.7	41.2	22.4	436	4.86	45	1.3	0.4	2.7	229	0.4	4.0	0.4
1046578	Drill Core	7.66	0.014	11.1	746.5	9.4	26	0.3	7.5	21.4	168	3.28	15	2.0	<0.1	4.6	599	0.2	0.5	0.1
1046579	Drill Core	7.99	0.017	26.2	870.8	54.2	104	1.6	6.8	22.8	557	3.55	78	1.8	<0.1	3.9	474	0.8	11.1	0.2
1046580	Drill Core	7.08	0.008	41.9	631.6	41.6	88	0.9	7.9	20.5	413	3.50	24	1.9	<0.1	4.3	598	0.6	4.6	0.2
1046581	Drill Core	7.12	0.039	385.5	1837	9.1	24	0.4	8.0	20.8	155	3.00	53	1.6	<0.1	4.2	558	0.2	4.1	<0.1
1046582	Drill Core	7.54	0.013	19.6	721.7	8.6	29	0.2	8.2	20.0	180	3.27	15	1.7	<0.1	4.0	515	0.2	0.8	<0.1
1046583	Drill Core	7.18	0.007	13.5	425.4	9.5	29	0.2	7.1	18.7	198	3.32	13	1.8	<0.1	4.2	561	0.1	1.9	0.1
1046584	Drill Core	6.62	0.010	6.7	609.4	7.8	31	0.3	7.7	22.7	248	3.60	37	2.2	<0.1	4.5	561	0.1	3.2	0.2
1046585	Drill Core	6.70	0.008	11.7	537.2	23.3	77	0.4	7.9	26.3	284	3.49	67	2.7	<0.1	4.7	674	0.6	7.8	0.2



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 19, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046556	Drill Core	2.05	0.100	19.9	7	0.90	122	0.157	8.06	3.341	2.29	0.5	41.6	40	0.9	9.5	3.0	0.2	1	5
1046557	Drill Core	2.12	0.084	18.8	10	0.67	84	0.085	7.79	3.598	2.37	0.4	28.2	38	0.8	9.3	1.8	0.1	2	4
1046558	Drill Core	2.15	0.093	21.7	5	0.66	89	0.084	7.71	3.538	2.54	0.5	28.7	43	1.0	10.1	1.9	0.1	1	4
1046559	Drill Core	2.85	0.110	18.5	11	0.55	75	0.079	7.27	1.906	3.22	1.0	25.8	38	2.1	10.2	1.8	0.1	1	4
1046560	Drill Core	2.81	0.103	16.4	7	0.74	98	0.086	7.62	3.221	2.00	0.6	35.5	35	1.2	9.9	1.8	0.1	2	5
1046561	Drill Core	4.01	0.110	21.3	11	0.92	77	0.092	7.06	2.584	1.93	0.4	41.2	44	0.9	12.5	1.6	0.1	2	5
1046562	Drill Core	3.39	0.129	20.2	9	0.91	83	0.091	7.45	2.806	1.72	0.9	44.7	41	1.3	12.2	1.6	<0.1	1	6
1046563	Drill Core	2.95	0.122	21.3	13	0.93	79	0.078	7.72	3.221	1.49	0.5	46.1	44	0.9	12.4	1.3	<0.1	1	6
1046564	Drill Core	2.91	0.117	20.3	9	0.94	89	0.076	7.75	3.157	1.60	0.5	52.8	42	1.2	12.0	1.4	<0.1	1	6
1046565	Drill Core	2.61	0.131	20.4	14	1.00	82	0.083	7.75	3.186	1.61	0.4	45.9	43	1.0	12.3	1.2	<0.1	1	6
1046566	Drill Core	2.68	0.125	18.3	9	0.90	74	0.083	7.76	3.062	1.72	0.6	45.4	37	1.2	12.0	1.3	<0.1	1	6
1046567	Drill Core	2.85	0.131	18.4	14	0.92	86	0.115	7.88	3.165	1.63	0.3	43.4	37	0.9	12.5	1.6	0.1	1	6
1046568	Drill Core	2.62	0.138	19.5	11	0.96	93	0.109	7.91	2.956	1.96	0.3	43.9	40	1.0	12.7	1.6	0.1	1	7
1046569	Drill Core	2.91	0.130	16.4	14	0.93	65	0.109	7.67	2.256	2.43	0.9	43.5	35	1.5	11.5	1.5	0.1	2	6
1046570	Drill Core	3.02	0.134	18.8	11	0.96	82	0.118	7.71	2.138	2.54	0.7	42.2	38	1.1	10.8	1.6	<0.1	<1	7
1046571	Rock	36.05	0.004	0.3	<1	1.87	8	0.001	0.05	0.008	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046572	Drill Core	2.94	0.132	22.4	8	0.94	89	0.114	7.58	2.155	2.40	0.8	40.4	45	1.3	11.4	1.5	<0.1	1	6
1046573	Drill Core	2.80	0.131	18.8	14	0.94	100	0.142	7.91	3.378	1.68	0.4	40.9	38	1.2	12.2	1.7	0.1	<1	7
1046574	Drill Core	2.60	0.136	19.3	8	0.93	88	0.108	7.87	2.964	2.29	0.4	41.9	38	1.1	12.6	1.4	<0.1	2	6
1046575	Drill Core	2.65	0.136	19.5	14	0.94	83	0.126	8.04	3.115	1.97	0.5	40.8	39	1.2	12.2	1.4	<0.1	1	7
1046576	Drill Core	2.43	0.139	17.8	10	0.92	55	0.117	7.72	2.641	2.28	0.6	40.8	36	1.5	12.0	1.5	<0.1	1	7
1046577	Rock Pulp	0.40	0.121	16.1	67	1.06	98	0.311	7.51	1.562	6.35	15.2	26.8	31	2.4	12.5	2.8	0.1	1	16
1046578	Drill Core	2.70	0.140	15.4	12	0.89	64	0.098	7.70	2.795	2.00	0.2	40.6	33	1.1	11.3	1.3	<0.1	<1	6
1046579	Drill Core	2.43	0.130	12.5	9	1.01	68	0.084	7.52	1.207	3.07	0.6	37.1	29	1.3	10.2	1.2	<0.1	1	7
1046580	Drill Core	2.75	0.147	12.8	12	1.01	60	0.110	7.76	2.024	2.39	0.4	39.1	30	1.1	11.1	1.4	<0.1	1	7
1046581	Drill Core	3.20	0.121	15.4	10	1.04	78	0.127	6.92	2.501	1.81	0.5	35.1	32	1.0	12.5	1.7	0.1	1	6
1046582	Drill Core	2.57	0.134	11.0	14	0.84	56	0.129	7.30	2.999	1.81	0.3	39.8	24	1.1	10.5	1.6	<0.1	1	6
1046583	Drill Core	2.72	0.132	11.4	11	0.91	65	0.125	7.66	2.878	1.95	0.3	44.6	25	0.8	10.8	1.7	0.1	1	6
1046584	Drill Core	2.47	0.136	15.9	13	0.92	69	0.106	7.67	2.297	2.10	0.7	51.4	32	1.2	11.4	1.6	0.1	<1	6
1046585	Drill Core	2.44	0.122	15.8	7	1.08	76	0.062	7.82	1.833	2.53	0.8	55.6	33	1.1	10.4	1.3	<0.1	1	5



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 19, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046556	Drill Core	1.7	53.2	1.5
1046557	Drill Core	2.1	47.4	1.1
1046558	Drill Core	2.2	51.4	1.0
1046559	Drill Core	3.4	64.0	0.9
1046560	Drill Core	2.6	43.2	1.1
1046561	Drill Core	3.3	38.8	1.2
1046562	Drill Core	2.9	40.9	1.4
1046563	Drill Core	3.0	39.9	1.4
1046564	Drill Core	3.0	41.4	1.4
1046565	Drill Core	3.1	44.7	1.5
1046566	Drill Core	3.3	50.5	1.4
1046567	Drill Core	3.0	45.8	1.4
1046568	Drill Core	2.9	54.1	1.5
1046569	Drill Core	3.4	73.1	1.6
1046570	Drill Core	3.0	74.2	1.4
1046571	Rock	<0.1	0.3	<0.1
1046572	Drill Core	2.8	70.4	1.4
1046573	Drill Core	2.8	49.3	1.3
1046574	Drill Core	3.3	58.8	1.4
1046575	Drill Core	3.1	51.3	1.5
1046576	Drill Core	3.8	57.3	1.3
1046577	Rock Pulp	2.1	165.3	0.8
1046578	Drill Core	3.5	50.9	1.3
1046579	Drill Core	3.4	83.3	1.3
1046580	Drill Core	3.4	67.8	1.2
1046581	Drill Core	2.8	42.2	1.2
1046582	Drill Core	3.2	43.4	1.3
1046583	Drill Core	3.3	51.2	1.4
1046584	Drill Core	3.4	59.6	1.5
1046585	Drill Core	3.3	61.9	1.7



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Project: Poplar Drilling
Report Date: December 19, 2011

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046586	Rock	0.61	<0.005	0.2	2.9	<0.1	<1	<0.1	<0.1	<0.2	22	<0.01	15	1.3	<0.1	<0.1	4270	<0.1	0.1	<0.1
1046587	Drill Core	3.18	0.012	9.0	482.4	31.6	81	0.3	5.5	24.7	295	3.08	114	2.8	<0.1	5.3	424	0.5	9.4	0.2
1046588	Drill Core	11.52	0.019	39.2	497.0	39.0	106	0.6	4.1	11.7	477	2.78	15	1.7	<0.1	5.2	324	0.6	1.7	0.6
1046589	Drill Core	10.52	0.018	31.6	696.2	20.3	69	0.3	4.3	11.2	231	2.86	7	1.6	<0.1	5.2	350	0.2	0.4	0.9
1046590	Drill Core	10.81	0.020	48.7	956.7	13.7	53	0.2	4.4	9.2	169	2.40	7	1.7	<0.1	5.4	330	0.3	0.3	0.7
1046591	Drill Core	11.11	0.014	34.4	438.6	10.0	40	0.1	5.8	11.4	142	2.62	11	1.7	<0.1	5.4	332	<0.1	0.2	0.7
1046592	Rock Pulp	0.15	0.443	146.3	3808	28.6	70	2.6	40.4	21.7	436	4.89	43	1.3	0.4	3.0	266	0.3	4.3	0.5
1046593	Drill Core	10.78	0.016	38.9	499.4	9.8	33	0.2	3.8	10.1	191	2.48	8	1.8	<0.1	4.9	317	0.1	1.0	0.4
1046594	Drill Core	9.36	0.014	28.7	989.8	11.5	40	0.3	4.4	10.0	177	2.41	12	1.6	<0.1	5.1	302	0.2	0.6	0.6
1046595	Drill Core	9.48	0.012	31.7	950.7	13.6	40	0.4	5.2	15.9	191	2.87	28	1.7	<0.1	5.5	374	0.2	0.5	0.5
1046596	Drill Core	6.71	0.012	85.0	677.6	8.7	24	0.3	7.5	38.0	96	4.82	6	1.4	<0.1	3.7	205	<0.1	0.4	0.4
1046597	Drill Core	3.84	0.009	54.5	721.2	9.6	22	0.3	6.2	26.9	119	3.45	7	1.7	<0.1	4.7	238	<0.1	0.4	0.4
1046598	Drill Core	12.18	0.013	29.6	635.5	32.1	68	0.5	5.6	13.1	214	2.66	6	1.7	<0.1	5.0	316	0.3	0.5	0.3
1046599	Drill Core	11.07	0.011	23.3	563.2	14.6	53	0.3	3.3	10.6	192	2.58	6	1.5	<0.1	5.0	318	0.2	0.4	0.4
1046600	Drill Core	11.70	0.010	24.7	524.2	20.9	58	0.2	4.2	10.8	167	2.46	11	1.5	<0.1	4.6	363	0.2	0.6	0.3
1046601	Drill Core	12.76	0.016	27.5	555.9	17.9	64	0.2	3.8	12.3	156	2.42	6	1.5	<0.1	5.0	352	0.4	0.2	0.2
1046602	Drill Core	10.74	0.020	47.7	963.9	23.4	64	0.5	4.5	12.6	188	2.58	9	1.5	<0.1	4.5	406	0.3	2.1	0.3
1046603	Drill Core	11.26	0.012	21.9	957.1	62.9	152	1.7	4.0	12.5	465	3.07	12	1.9	<0.1	4.9	339	1.2	2.6	0.4
1046604	Drill Core	11.78	0.028	32.1	371.9	461.0	546	4.7	5.0	12.2	922	3.17	33	1.7	<0.1	4.0	317	3.6	3.1	1.4
1046605	Rock	0.74	<0.005	0.5	6.7	2.2	1	0.1	0.9	<0.2	44	0.04	20	1.4	<0.1	<0.1	4639	0.1	0.1	<0.1
1046606	Drill Core	12.78	0.013	11.0	495.6	9.6	39	0.2	3.7	11.1	224	2.59	102	1.4	<0.1	4.8	453	0.2	0.9	0.2
1046607	Drill Core	10.85	0.008	33.6	347.6	54.0	65	0.4	3.1	11.6	167	2.79	54	1.5	<0.1	4.3	399	0.4	0.6	0.2
1046608	Drill Core	10.98	<0.005	19.8	313.7	11.8	35	0.2	3.7	13.7	118	3.03	45	1.7	<0.1	4.4	394	0.2	0.7	0.2
1046609	Drill Core	5.62	0.007	24.9	354.6	13.5	38	0.3	3.7	11.2	164	2.69	68	1.7	<0.1	4.8	491	0.3	2.5	0.2
1046610	Drill Core	7.58	<0.005	31.6	214.8	21.3	63	0.6	3.9	12.0	298	3.10	57	1.4	<0.1	4.6	567	0.4	3.3	0.2
1046611	Drill Core	9.21	0.008	39.2	572.9	9.2	53	0.2	3.8	13.1	333	3.06	162	1.6	<0.1	4.6	960	0.2	9.3	0.3
1046612	Drill Core	10.47	0.008	32.3	760.9	9.8	80	0.8	3.9	12.9	399	2.88	210	1.7	<0.1	4.5	933	0.5	9.8	0.3
1046613	Drill Core	13.08	0.009	34.8	493.9	195.8	316	2.0	4.6	13.9	683	3.52	144	1.7	<0.1	3.4	761	2.1	18.5	0.4
1046614	Drill Core	12.62	0.008	12.1	525.1	85.8	184	1.4	3.8	12.8	917	2.68	127	1.3	<0.1	4.2	544	1.2	5.0	0.3
1046615	Rock Pulp	0.10	0.875	160.6	3619	50.6	127	3.3	29.0	20.2	519	5.06	57	1.2	1.3	2.6	240	0.8	8.2	0.6



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046586	Rock	35.23	0.003	0.2	<1	2.04	8	0.002	0.05	0.008	<0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046587	Drill Core	1.86	0.107	23.7	4	0.92	69	0.066	8.01	2.373	2.49	0.8	37.1	46	1.0	10.8	1.7	0.1	1	5
1046588	Drill Core	1.17	0.089	22.4	9	0.69	721	0.093	8.32	2.574	2.32	0.5	27.3	39	1.7	9.4	2.4	0.1	1	4
1046589	Drill Core	1.12	0.088	19.6	10	0.67	70	0.090	8.60	2.900	2.20	0.5	24.9	39	1.5	8.9	2.7	0.2	2	4
1046590	Drill Core	1.14	0.086	24.6	8	0.67	248	0.084	8.48	2.979	1.74	0.6	25.0	48	1.8	8.5	2.5	0.2	1	4
1046591	Drill Core	1.04	0.090	20.5	10	0.61	71	0.092	9.02	2.612	2.23	0.6	24.6	43	2.4	8.9	2.8	0.2	2	4
1046592	Rock Pulp	0.42	0.106	17.6	61	1.08	145	0.322	7.26	1.563	5.74	14.8	30.4	35	2.6	12.7	3.0	0.2	1	17
1046593	Drill Core	1.14	0.085	16.4	8	0.68	70	0.085	8.89	2.381	2.30	0.5	24.6	35	2.4	8.4	2.6	0.1	2	5
1046594	Drill Core	1.08	0.086	19.8	9	0.65	138	0.084	8.10	2.591	1.99	0.5	24.8	41	2.0	8.0	2.5	0.2	1	4
1046595	Drill Core	1.15	0.114	21.5	8	0.66	82	0.080	9.00	2.638	2.26	0.5	25.2	44	2.6	8.3	2.5	0.2	1	5
1046596	Drill Core	0.63	0.096	12.9	13	0.49	28	0.079	6.48	1.621	2.50	0.7	21.1	30	3.5	6.3	2.2	0.1	1	4
1046597	Drill Core	0.87	0.122	17.4	9	0.53	44	0.089	8.38	1.868	2.71	0.7	25.3	38	3.6	7.1	2.6	0.2	1	5
1046598	Drill Core	1.09	0.092	19.9	10	0.62	57	0.091	8.67	2.598	2.39	0.5	27.4	43	2.6	9.2	2.7	0.2	1	4
1046599	Drill Core	1.14	0.088	20.1	9	0.65	69	0.084	8.47	2.777	2.19	0.5	24.8	42	1.9	9.1	2.5	0.2	2	4
1046600	Drill Core	1.18	0.092	14.6	9	0.65	68	0.083	8.09	3.188	1.76	0.5	24.1	31	1.3	8.0	2.4	0.2	1	4
1046601	Drill Core	1.16	0.083	20.6	8	0.63	55	0.078	8.47	2.985	1.89	0.5	25.1	44	1.9	8.9	2.6	0.2	1	4
1046602	Drill Core	1.11	0.085	18.4	10	0.65	47	0.079	8.00	2.575	2.20	0.6	27.2	40	2.1	8.7	2.3	0.1	2	4
1046603	Drill Core	1.12	0.095	19.1	7	0.69	62	0.085	8.65	2.514	2.52	0.7	29.6	42	1.9	8.4	2.5	0.2	2	4
1046604	Drill Core	0.95	0.088	14.5	8	0.62	52	0.098	7.60	1.332	2.90	0.8	31.1	32	2.3	7.2	2.7	0.2	2	4
1046605	Rock	38.04	0.005	1.3	<1	1.73	12	<0.001	0.09	0.015	0.02	<0.1	0.4	2	<0.1	0.6	0.1	<0.1	<1	<1
1046606	Drill Core	1.47	0.087	18.3	6	0.68	78	0.082	8.34	1.263	2.61	0.5	27.9	39	1.7	7.9	2.4	0.2	1	4
1046607	Drill Core	1.10	0.081	17.6	6	0.62	49	0.078	7.35	0.798	2.69	0.7	25.9	37	2.1	6.4	2.3	0.1	1	4
1046608	Drill Core	0.93	0.093	16.7	6	0.56	57	0.094	7.54	0.759	3.06	1.1	30.7	37	3.2	7.8	2.7	0.2	<1	4
1046609	Drill Core	1.17	0.097	18.7	6	0.62	53	0.084	8.35	0.786	2.89	1.0	31.5	41	2.8	7.5	2.6	0.2	2	4
1046610	Drill Core	1.53	0.084	18.4	3	0.47	55	0.083	7.67	0.226	2.87	1.2	23.7	40	3.1	8.7	2.2	0.1	1	4
1046611	Drill Core	1.03	0.096	18.0	4	0.65	52	0.080	8.10	0.165	2.56	1.0	30.0	37	2.5	7.1	2.5	0.2	1	4
1046612	Drill Core	0.88	0.087	18.3	3	0.60	73	0.069	7.15	0.135	2.64	1.6	30.3	37	2.1	6.9	2.0	0.1	1	3
1046613	Drill Core	0.74	0.087	10.7	5	0.60	42	0.077	6.50	0.120	3.12	2.1	25.7	26	2.3	5.7	2.0	0.1	1	3
1046614	Drill Core	1.99	0.083	13.1	3	0.66	73	0.067	7.58	0.622	2.58	1.2	30.2	29	1.6	6.9	1.9	0.1	1	4
1046615	Rock Pulp	0.45	0.105	14.5	45	0.85	81	0.267	7.08	1.155	5.21	26.4	24.4	30	3.0	12.3	3.4	0.2	1	13



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046586	Rock	<0.1	0.3	<0.1
1046587	Drill Core	2.8	68.2	1.4
1046588	Drill Core	2.7	72.1	0.8
1046589	Drill Core	3.0	62.5	0.9
1046590	Drill Core	2.4	50.9	0.8
1046591	Drill Core	2.7	59.2	0.8
1046592	Rock Pulp	2.1	164.1	0.9
1046593	Drill Core	2.4	60.8	0.8
1046594	Drill Core	2.4	54.4	0.8
1046595	Drill Core	2.9	62.1	0.9
1046596	Drill Core	5.4	65.2	0.7
1046597	Drill Core	3.6	72.4	0.8
1046598	Drill Core	2.6	66.0	0.9
1046599	Drill Core	2.4	57.5	0.9
1046600	Drill Core	2.5	49.6	0.8
1046601	Drill Core	2.4	50.6	0.8
1046602	Drill Core	2.7	60.3	0.9
1046603	Drill Core	3.2	77.1	1.0
1046604	Drill Core	3.3	83.0	1.0
1046605	Rock	<0.1	0.6	<0.1
1046606	Drill Core	2.6	70.8	1.0
1046607	Drill Core	3.0	67.9	0.8
1046608	Drill Core	3.4	78.9	0.9
1046609	Drill Core	2.8	77.9	0.9
1046610	Drill Core	3.4	74.8	0.9
1046611	Drill Core	3.1	69.2	0.9
1046612	Drill Core	3.0	72.5	1.0
1046613	Drill Core	3.7	88.7	0.9
1046614	Drill Core	3.0	75.0	1.0
1046615	Rock Pulp	2.5	150.1	0.8



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046616	Drill Core	12.02	0.010	15.2	534.5	50.1	116	1.1	4.2	11.4	644	2.66	35	1.2	<0.1	4.0	460	0.8	3.1	0.2
1046617	Drill Core	9.00	0.006	29.4	369.7	78.0	224	1.1	3.8	10.8	430	4.04	6	1.4	<0.1	3.7	379	1.7	1.6	0.5
1046618	Drill Core	6.06	0.010	17.7	544.2	43.3	88	0.3	3.4	9.6	280	2.74	20	1.3	<0.1	4.4	469	0.5	0.6	0.3
1046619	Drill Core	8.38	0.013	145.3	592.9	58.9	143	0.6	3.7	10.6	584	2.52	5	1.1	<0.1	4.0	510	0.9	0.7	0.3
1046620	Drill Core	6.64	<0.005	71.5	388.6	48.8	93	0.3	4.6	15.2	281	3.15	5	1.1	<0.1	3.8	517	0.6	0.6	0.3
1046621	Rock	0.63	<0.005	0.3	0.8	0.3	<1	<0.1	0.6	<0.2	43	0.03	18	1.5	<0.1	<0.1	3882	<0.1	<0.1	<0.1
1046622	Drill Core	7.36	<0.005	25.5	387.9	40.4	97	1.0	4.9	13.0	540	3.42	19	1.3	<0.1	4.0	394	0.8	2.3	0.2
1046623	Drill Core	6.78	0.021	28.6	671.1	171.6	376	3.2	4.5	16.3	2368	3.80	49	1.4	<0.1	3.1	338	2.6	19.6	0.4
1046624	Rock Pulp	0.10	0.454	144.1	3848	30.1	69	2.6	40.0	21.1	478	4.80	49	1.3	0.5	2.6	274	0.5	4.6	0.4
1046625	Drill Core	7.00	0.009	27.1	381.3	18.3	45	0.5	4.3	14.2	564	3.64	14	1.4	<0.1	3.6	384	0.2	2.3	0.6
1046626	Drill Core	6.87	0.014	20.2	915.6	12.3	39	0.4	5.2	15.6	609	3.66	4	1.2	<0.1	3.5	393	0.2	2.4	0.3
1046627	Drill Core	6.65	0.024	186.2	631.9	230.1	751	4.7	5.7	14.3	1116	3.48	8	0.9	<0.1	2.9	617	5.1	2.9	0.5
1046628	Drill Core	7.39	0.015	54.7	639.5	67.7	154	1.2	4.8	19.2	992	4.15	5	1.1	<0.1	3.0	349	1.0	4.1	0.4
1046629	Drill Core	7.28	0.019	78.3	1105	62.8	142	1.5	5.9	17.1	961	3.81	6	1.3	<0.1	3.4	402	1.1	4.2	0.3
1046630	Drill Core	3.51	0.013	56.1	1142	70.9	181	1.8	5.3	17.8	1037	4.12	10	1.3	<0.1	3.2	376	1.2	4.4	0.2
1046631	Drill Core	7.01	<0.005	24.8	176.3	20.0	20	0.2	5.8	14.8	195	4.44	5	1.7	<0.1	3.2	536	0.2	0.7	0.4
1046632	Drill Core	6.95	<0.005	11.7	37.4	58.7	98	0.6	6.1	13.1	305	3.15	3	2.3	<0.1	3.9	631	0.7	1.0	0.2
1046633	Drill Core	8.07	<0.005	1.0	80.2	8.5	27	0.2	6.1	8.2	183	3.73	2	2.2	<0.1	4.0	584	0.2	0.3	0.2
1046634	Drill Core	7.46	<0.005	1.1	49.9	22.6	57	0.2	6.4	9.2	307	3.20	3	2.2	<0.1	3.7	590	0.4	0.4	0.1
1046635	Drill Core	6.65	<0.005	15.8	153.5	32.6	181	0.3	6.7	15.8	199	4.07	3	2.2	<0.1	4.2	688	1.1	0.6	0.2
1046636	Drill Core	6.83	0.008	1.9	454.2	8.3	22	0.2	6.2	9.0	163	3.12	4	1.9	<0.1	3.9	609	<0.1	0.2	0.2
1046637	Drill Core	6.99	<0.005	3.2	103.2	19.3	63	0.2	6.3	10.7	194	3.13	3	1.7	<0.1	3.9	710	0.3	0.4	0.2
1046638	Drill Core	3.11	<0.005	3.1	121.4	15.5	54	<0.1	6.2	10.5	209	2.98	4	1.6	<0.1	3.6	619	0.2	0.4	0.2
1046639	Drill Core	7.12	<0.005	3.5	262.4	28.8	99	0.2	8.8	11.8	390	3.31	6	1.8	<0.1	3.5	434	0.6	0.7	0.2
1046640	Drill Core	6.89	<0.005	12.4	86.3	13.6	49	0.1	8.1	12.6	389	3.05	4	2.0	<0.1	3.8	387	0.2	0.4	0.1
1046641	Drill Core	6.48	<0.005	5.5	310.5	16.7	57	0.2	6.0	10.4	233	2.74	5	1.8	<0.1	3.8	580	0.3	0.4	0.1
1046642	Drill Core	7.41	<0.005	33.6	248.3	16.9	37	0.3	7.0	12.5	251	3.31	6	2.0	<0.1	3.8	602	0.1	0.5	0.2
1046643	Drill Core	7.27	<0.005	73.3	267.4	12.0	37	0.2	7.4	22.2	148	3.45	5	2.1	<0.1	3.1	690	0.2	0.5	0.2
1046644	Rock	0.50	<0.005	0.5	3.0	0.4	<1	<0.1	<0.1	<0.2	21	0.03	15	1.3	<0.1	<0.1	4530	<0.1	<0.1	<0.1
1046645	Drill Core	6.50	0.015	12.3	626.8	8.4	22	0.4	5.2	13.4	162	2.45	5	2.1	<0.1	3.6	583	0.1	0.7	<0.1



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046616	Drill Core	2.36	0.080	11.9	4	0.63	62	0.071	7.27	1.277	2.45	1.0	25.7	26	1.9	6.5	2.1	0.1	1	4
1046617	Drill Core	2.05	0.074	12.0	3	0.52	44	0.081	7.24	1.090	2.80	1.4	28.1	28	2.7	6.8	2.3	0.2	1	3
1046618	Drill Core	2.57	0.079	19.1	4	0.59	62	0.071	7.10	1.439	2.34	0.6	28.5	42	2.0	7.6	1.9	0.1	1	4
1046619	Drill Core	3.13	0.075	16.2	3	0.60	64	0.068	6.76	1.371	2.44	0.5	23.3	36	1.5	7.7	1.7	0.1	1	3
1046620	Drill Core	2.78	0.084	14.2	4	0.50	66	0.072	7.00	1.504	2.35	0.7	23.4	32	2.1	6.4	2.1	0.1	1	4
1046621	Rock	37.27	0.004	0.4	<1	1.61	11	<0.001	0.05	0.010	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046622	Drill Core	2.62	0.086	16.5	4	0.62	48	0.067	6.73	0.967	2.39	0.6	23.6	36	1.9	5.7	1.8	0.1	1	4
1046623	Drill Core	2.04	0.078	11.9	3	0.72	211	0.082	7.16	0.122	2.58	0.8	25.7	31	1.6	7.4	1.8	0.1	<1	3
1046624	Rock Pulp	0.41	0.118	15.3	63	1.06	106	0.279	7.47	1.577	5.04	14.3	28.1	34	2.4	12.2	2.8	0.2	1	17
1046625	Drill Core	1.86	0.098	17.1	4	0.70	32	0.072	7.38	0.246	2.82	0.9	27.3	40	2.5	8.7	1.5	0.1	1	5
1046626	Drill Core	2.45	0.118	14.7	5	0.97	44	0.078	7.62	0.864	2.43	0.4	27.6	37	1.5	10.6	1.0	<0.1	1	6
1046627	Drill Core	2.89	0.112	13.5	5	0.87	42	0.084	7.18	0.388	2.64	1.0	21.6	35	1.8	9.7	1.2	<0.1	2	7
1046628	Drill Core	2.48	0.109	12.9	6	0.81	67	0.074	7.19	0.608	2.72	0.7	24.9	32	2.1	8.9	1.3	<0.1	1	7
1046629	Drill Core	2.18	0.110	17.1	5	0.82	31	0.065	7.37	1.186	2.18	0.7	26.5	42	1.6	8.4	1.3	<0.1	2	6
1046630	Drill Core	2.29	0.118	17.0	5	0.86	30	0.059	7.36	1.042	2.23	0.6	25.5	42	1.4	8.4	1.3	<0.1	1	6
1046631	Drill Core	2.63	0.113	13.6	4	0.59	36	0.084	7.18	0.767	2.64	0.8	36.5	33	2.6	8.0	1.6	0.1	1	6
1046632	Drill Core	3.28	0.123	20.0	4	0.62	46	0.069	6.97	0.892	2.61	0.7	54.3	46	1.5	9.4	1.9	0.1	2	6
1046633	Drill Core	2.74	0.128	12.2	4	0.71	39	0.065	7.50	1.350	2.57	0.7	50.5	30	1.4	7.3	1.2	0.1	1	6
1046634	Drill Core	3.07	0.125	10.1	4	0.72	41	0.055	7.38	1.504	2.25	0.4	54.2	27	0.9	9.2	1.2	<0.1	1	6
1046635	Drill Core	3.42	0.119	14.7	4	0.67	42	0.066	7.23	1.143	2.53	0.8	50.6	36	2.2	9.7	1.4	0.1	1	6
1046636	Drill Core	2.83	0.129	12.3	5	0.76	48	0.065	7.30	1.995	2.09	0.4	55.6	31	1.3	9.3	1.4	<0.1	1	6
1046637	Drill Core	3.14	0.126	14.2	4	0.69	46	0.065	7.26	1.453	2.26	0.4	49.9	35	1.6	9.0	1.2	0.1	1	6
1046638	Drill Core	3.16	0.123	11.9	5	0.74	39	0.069	7.23	1.672	2.19	0.4	50.6	32	1.3	9.4	1.5	<0.1	<1	6
1046639	Drill Core	3.05	0.133	11.6	6	0.93	48	0.066	7.06	0.951	1.95	0.3	55.9	29	1.2	8.4	1.1	<0.1	<1	6
1046640	Drill Core	2.96	0.131	13.5	4	0.85	57	0.067	7.20	0.145	2.11	0.4	54.1	33	1.3	8.3	1.2	<0.1	2	6
1046641	Drill Core	2.85	0.121	12.3	4	0.86	45	0.077	7.35	1.824	1.99	0.5	50.3	31	1.2	8.8	1.5	0.1	2	6
1046642	Drill Core	2.72	0.121	12.7	5	0.73	41	0.068	7.45	0.800	2.53	1.3	51.4	31	1.7	8.1	1.3	<0.1	2	6
1046643	Drill Core	3.53	0.125	20.2	4	0.66	45	0.058	6.94	1.287	2.36	0.7	53.2	49	1.3	8.8	1.2	0.1	2	5
1046644	Rock	36.54	0.003	0.9	<1	1.76	8	<0.001	0.06	0.015	0.02	<0.1	0.7	1	<0.1	0.5	0.1	<0.1	<1	<1
1046645	Drill Core	3.24	0.134	19.8	4	0.80	96	0.062	7.39	1.338	2.32	0.8	54.2	45	1.5	8.3	1.1	<0.1	1	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
1046616	Drill Core	3.7	71.7	0.9
1046617	Drill Core	5.4	75.1	0.9
1046618	Drill Core	4.1	63.8	1.0
1046619	Drill Core	4.4	66.9	0.8
1046620	Drill Core	5.0	63.6	0.8
1046621	Rock	<0.1	0.2	<0.1
1046622	Drill Core	4.8	63.0	0.8
1046623	Drill Core	4.4	78.4	0.9
1046624	Rock Pulp	2.1	143.1	0.9
1046625	Drill Core	4.5	84.8	0.8
1046626	Drill Core	4.3	71.0	0.8
1046627	Drill Core	4.8	69.1	0.7
1046628	Drill Core	5.5	85.3	0.7
1046629	Drill Core	4.8	73.5	0.9
1046630	Drill Core	5.1	71.5	0.9
1046631	Drill Core	6.4	69.1	1.1
1046632	Drill Core	5.4	64.4	1.7
1046633	Drill Core	5.5	67.9	1.7
1046634	Drill Core	5.0	59.5	1.8
1046635	Drill Core	6.5	70.0	1.7
1046636	Drill Core	4.4	55.1	1.8
1046637	Drill Core	4.9	60.3	1.7
1046638	Drill Core	4.6	56.2	1.7
1046639	Drill Core	4.3	46.7	1.8
1046640	Drill Core	3.5	45.8	1.8
1046641	Drill Core	3.8	53.3	1.6
1046642	Drill Core	4.7	59.8	1.6
1046643	Drill Core	5.7	51.7	1.9
1046644	Rock	<0.1	0.4	<0.1
1046645	Drill Core	4.2	51.8	1.7



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046646	Drill Core	6.77	0.006	2.3	199.2	11.5	39	0.2	7.3	14.9	196	3.53	3	2.1	<0.1	3.8	467	0.3	0.6	0.2
1046647	Rock Pulp	0.15	0.451	142.0	3763	27.9	70	2.5	41.1	20.3	455	4.57	46	1.1	0.8	2.5	253	0.2	4.3	0.3
1046648	Drill Core	6.72	0.006	8.5	339.1	10.9	37	0.2	8.5	12.9	578	3.63	3	2.3	<0.1	4.0	710	0.3	0.9	0.1
1046649	Drill Core	6.43	0.018	35.0	1069	17.8	46	0.5	5.4	13.8	544	2.77	22	1.1	<0.1	4.6	427	0.4	3.9	<0.1
1046650	Drill Core	6.44	0.017	17.4	955.9	25.9	65	0.4	4.4	16.3	807	2.58	9	1.0	<0.1	4.2	392	0.5	2.3	<0.1
1046651	Drill Core	4.34	0.026	17.9	1404	91.2	307	1.6	5.0	14.7	936	2.47	19	0.9	<0.1	3.7	530	2.2	13.2	<0.1
1046652	Drill Core	4.52	0.012	18.0	464.8	102.4	365	1.4	8.4	13.4	2023	2.71	61	2.4	<0.1	4.9	670	2.0	19.7	<0.1
1046653	Drill Core	6.70	0.013	50.5	571.3	115.6	440	5.4	9.3	20.3	2690	3.62	98	2.3	<0.1	3.6	493	2.1	34.1	0.2
1046654	Drill Core	7.60	0.009	34.4	557.0	12.8	51	0.3	8.4	22.8	217	3.16	72	2.2	<0.1	3.8	770	0.4	1.4	0.2
1046655	Drill Core	7.41	0.013	8.5	504.1	26.2	74	0.4	7.0	12.4	737	2.09	79	2.0	<0.1	4.1	602	0.4	1.5	0.1
1046656	Drill Core	6.11	0.011	49.7	408.0	44.2	119	1.2	6.4	15.5	731	3.34	89	2.1	<0.1	3.8	565	0.6	4.1	0.1
1046657	Drill Core	8.42	0.010	17.1	450.7	15.7	43	0.3	7.8	15.0	267	2.88	61	1.9	<0.1	3.7	734	<0.1	0.5	<0.1
1046658	Rock Pulp	0.15	0.441	142.1	3845	27.6	69	2.3	40.5	20.5	453	4.66	46	1.2	0.4	2.5	246	0.2	4.4	0.3
1046659	Drill Core	7.83	0.021	10.7	591.4	18.6	69	0.5	9.0	21.2	895	3.25	162	2.5	<0.1	5.2	612	0.3	1.3	0.3
1046660	Drill Core	7.34	0.035	95.2	938.2	113.8	108	0.4	9.0	23.9	696	3.39	288	2.7	<0.1	4.8	692	0.4	5.5	0.2
1046661	Drill Core	3.26	0.037	158.3	1338	162.1	157	0.5	8.4	21.8	872	3.50	405	3.3	<0.1	5.3	932	0.5	7.1	0.2
1046662	Drill Core	7.19	0.031	96.8	1388	148.6	578	1.4	7.6	20.0	882	3.51	387	2.7	0.1	5.1	770	3.1	14.7	0.3
1046663	Drill Core	6.83	0.026	31.8	1386	108.3	346	1.7	9.6	25.5	1848	3.53	391	2.8	0.2	5.3	849	1.7	20.7	0.3
1046664	Drill Core	6.59	0.024	15.4	907.3	24.3	76	0.5	9.5	21.0	942	3.41	75	1.3	<0.1	5.1	402	0.4	1.7	0.2
1046665	Drill Core	6.47	0.026	45.7	1035	126.0	278	2.9	8.1	20.2	2566	3.09	153	1.4	<0.1	5.3	319	1.6	24.7	0.2
1046666	Drill Core	6.99	0.040	52.7	1313	15.4	42	0.3	9.8	22.5	539	3.38	24	1.0	<0.1	3.7	530	0.2	1.4	0.1
1046667	Drill Core	6.91	0.039	39.1	1364	43.8	139	0.6	7.5	19.2	1227	3.20	57	1.0	<0.1	3.9	507	0.5	2.9	0.1
1046668	Drill Core	6.47	0.047	28.4	1767	29.6	147	0.9	10.6	24.5	937	3.76	439	1.3	<0.1	3.9	507	0.7	23.0	0.1
1046669	Drill Core	7.22	0.051	12.8	1404	14.8	57	0.3	7.1	15.8	483	2.67	149	1.0	<0.1	4.1	601	0.3	0.8	0.1
1046670	Drill Core	6.63	0.019	45.8	490.5	34.4	102	0.6	6.6	12.9	1469	2.06	89	1.0	<0.1	4.4	455	0.4	5.2	0.1
1046671	Rock	0.60	<0.005	0.8	7.1	0.1	1	<0.1	<0.1	<0.2	43	0.05	17	1.5	<0.1	<0.1	4303	<0.1	0.2	<0.1
1046672	Drill Core	6.91	0.042	18.5	1464	36.5	71	0.4	7.1	13.3	411	2.19	171	0.9	<0.1	4.4	578	0.5	1.9	<0.1
1046673	Drill Core	7.09	0.032	36.2	1203	28.6	71	0.4	12.9	18.9	584	2.74	13	1.0	<0.1	4.0	600	0.5	0.9	0.2
1046674	Drill Core	7.55	0.019	24.3	843.7	12.2	39	0.2	15.7	20.5	300	3.23	6	0.9	<0.1	3.6	651	<0.1	0.2	<0.1
1046675	Drill Core	6.53	0.018	33.8	735.9	13.2	38	0.1	5.6	11.8	243	1.99	120	0.9	<0.1	4.3	513	<0.1	1.7	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046646	Drill Core	3.08	0.123	14.7	4	0.80	41	0.059	6.98	1.368	2.23	0.7	57.3	33	1.4	7.9	1.4	0.1	1	6
1046647	Rock Pulp	0.37	0.107	13.7	64	1.04	95	0.290	6.56	1.454	4.21	18.4	29.6	31	2.4	11.9	2.8	0.2	1	15
1046648	Drill Core	3.41	0.148	14.6	5	0.76	53	0.070	7.33	0.619	2.11	0.6	58.1	34	1.5	9.2	1.6	0.1	1	7
1046649	Drill Core	2.23	0.085	20.6	5	0.80	63	0.065	8.00	0.199	2.59	0.8	22.5	49	1.9	7.6	2.0	0.1	<1	4
1046650	Drill Core	2.56	0.091	14.0	4	0.82	73	0.058	7.96	0.154	2.49	0.7	20.2	34	1.4	7.7	1.9	<0.1	2	4
1046651	Drill Core	2.46	0.085	12.5	3	0.71	62	0.053	7.67	0.077	2.52	0.6	19.4	31	1.5	7.5	1.7	<0.1	1	4
1046652	Drill Core	2.65	0.093	13.3	10	0.86	120	0.136	7.18	0.053	2.61	1.0	48.9	31	1.3	8.2	4.9	0.4	2	5
1046653	Drill Core	2.37	0.130	13.2	5	0.68	59	0.061	7.27	0.131	2.80	1.1	42.0	35	2.1	8.2	1.2	<0.1	2	6
1046654	Drill Core	3.15	0.133	11.9	5	0.91	61	0.064	7.55	0.362	2.44	1.2	50.5	29	1.9	8.0	1.2	<0.1	<1	6
1046655	Drill Core	3.12	0.115	12.4	5	0.97	100	0.082	7.52	1.076	2.46	0.4	44.5	30	0.8	9.2	1.8	0.1	1	6
1046656	Drill Core	2.54	0.154	12.8	5	0.74	56	0.081	7.80	0.277	2.66	0.8	41.0	32	1.9	9.4	1.6	<0.1	1	7
1046657	Drill Core	2.94	0.132	12.2	6	0.90	42	0.087	7.17	1.783	2.30	0.3	44.3	31	0.7	9.0	1.7	0.1	2	6
1046658	Rock Pulp	0.36	0.113	14.3	64	1.03	78	0.290	6.86	1.576	3.70	13.8	28.0	31	2.5	12.1	2.9	0.2	1	16
1046659	Drill Core	2.20	0.134	21.5	8	1.03	82	0.079	8.14	0.369	3.26	0.7	46.1	40	1.3	10.2	1.5	0.1	1	6
1046660	Drill Core	1.97	0.121	17.5	9	0.70	63	0.085	7.53	0.135	3.15	1.8	44.7	38	3.2	9.2	1.7	<0.1	<1	7
1046661	Drill Core	2.51	0.113	20.9	10	0.81	108	0.086	7.83	0.126	3.13	1.5	44.1	46	2.7	11.5	2.0	0.1	1	7
1046662	Drill Core	1.48	0.143	18.9	7	0.98	54	0.095	7.91	0.121	3.48	0.8	44.4	44	2.9	9.5	1.7	0.1	1	7
1046663	Drill Core	1.69	0.150	21.4	8	1.07	55	0.097	8.26	0.124	3.63	1.2	45.7	48	2.5	10.6	1.8	0.1	1	7
1046664	Drill Core	2.63	0.129	13.5	13	0.96	49	0.097	7.63	1.509	2.49	0.3	25.6	32	1.1	11.0	1.5	0.1	1	7
1046665	Drill Core	2.39	0.123	12.5	12	1.21	64	0.095	7.89	0.492	3.02	0.4	23.1	29	1.2	11.2	1.5	<0.1	1	7
1046666	Drill Core	2.20	0.087	10.9	18	0.98	52	0.088	7.23	1.478	2.45	0.2	23.9	25	1.2	8.7	1.2	<0.1	1	6
1046667	Drill Core	2.38	0.083	9.0	14	1.13	59	0.083	7.48	1.387	2.44	0.3	24.6	24	1.1	8.7	1.6	0.1	<1	6
1046668	Drill Core	2.34	0.095	10.4	10	0.98	56	0.101	7.16	0.727	1.86	0.4	26.6	25	1.1	9.2	1.5	0.1	2	6
1046669	Drill Core	2.62	0.089	10.2	17	0.90	63	0.081	7.46	2.368	2.27	0.3	23.3	24	1.0	8.1	1.7	0.1	1	6
1046670	Drill Core	2.67	0.087	10.8	8	0.80	60	0.065	7.32	1.806	2.46	0.5	17.9	26	0.8	7.5	1.5	0.1	<1	5
1046671	Rock	38.68	0.005	0.9	1	1.75	12	0.004	0.06	0.011	<0.01	<0.1	0.5	1	<0.1	0.5	<0.1	<0.1	<1	<1
1046672	Drill Core	2.08	0.087	10.6	8	0.84	70	0.070	7.63	1.970	2.57	0.2	14.4	27	1.0	7.8	1.6	0.1	1	5
1046673	Drill Core	3.41	0.092	13.4	24	0.92	56	0.105	7.24	1.963	1.75	0.4	17.9	31	1.2	9.8	1.7	<0.1	1	6
1046674	Drill Core	4.23	0.116	8.7	30	1.18	71	0.150	7.33	2.760	1.11	0.2	19.8	23	0.8	11.1	1.8	0.1	1	9
1046675	Drill Core	2.19	0.077	9.0	13	0.72	65	0.068	7.61	2.246	1.70	0.3	13.3	22	0.9	7.5	1.7	<0.1	2	4



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000692.1

	Method	1EX	1EX	1EX
Analyte	S	Rb	Hf	
Unit	%	ppm	ppm	
MDL	0.1	0.1	0.1	
1046646	Drill Core	5.3	52.7	1.7
1046647	Rock Pulp	2.1	143.3	0.8
1046648	Drill Core	5.0	51.9	1.7
1046649	Drill Core	3.2	68.5	0.7
1046650	Drill Core	2.6	60.3	0.6
1046651	Drill Core	2.8	62.4	0.6
1046652	Drill Core	1.9	87.0	1.5
1046653	Drill Core	4.6	84.2	1.2
1046654	Drill Core	4.8	60.3	1.5
1046655	Drill Core	3.2	60.4	1.2
1046656	Drill Core	4.4	70.2	1.3
1046657	Drill Core	3.9	60.8	1.4
1046658	Rock Pulp	2.1	134.5	0.7
1046659	Drill Core	3.5	88.0	1.5
1046660	Drill Core	3.6	84.3	1.4
1046661	Drill Core	3.7	90.0	1.6
1046662	Drill Core	3.4	108.4	1.4
1046663	Drill Core	3.3	114.5	1.3
1046664	Drill Core	3.4	81.3	0.9
1046665	Drill Core	2.5	91.6	0.9
1046666	Drill Core	3.4	80.5	0.7
1046667	Drill Core	3.2	82.7	0.7
1046668	Drill Core	3.5	62.2	0.8
1046669	Drill Core	3.2	72.1	0.6
1046670	Drill Core	2.7	77.9	0.6
1046671	Rock	<0.1	0.1	<0.1
1046672	Drill Core	2.3	72.0	0.5
1046673	Drill Core	3.6	63.8	0.6
1046674	Drill Core	4.0	52.2	0.5
1046675	Drill Core	2.3	53.2	0.4



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QUALITY CONTROL REPORT

SMI11000692.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1046579	Drill Core	7.99	0.017	26.2	870.8	54.2	104	1.6	6.8	22.8	557	3.55	78	1.8	<0.1	3.9	474	0.8	11.1	0.2	73
REP 1046579	QC			31.3	874.8	57.6	107	1.5	7.3	22.9	553	3.52	76	1.8	<0.1	4.1	475	0.8	10.1	0.2	73
1046586	Rock	0.61	<0.005	0.2	2.9	<0.1	<1	<0.1	<0.1	<0.2	22	<0.01	15	1.3	<0.1	<0.1	4270	<0.1	0.1	<0.1	<1
REP 1046586	QC		<0.005																		
1046612	Drill Core	10.47	0.008	32.3	760.9	9.8	80	0.8	3.9	12.9	399	2.88	210	1.7	<0.1	4.5	933	0.5	9.8	0.3	37
REP 1046612	QC			26.3	784.2	11.4	85	0.8	4.3	12.8	397	2.91	222	1.8	<0.1	4.4	939	0.5	10.5	0.3	38
1046619	Drill Core	8.38	0.013	145.3	592.9	58.9	143	0.6	3.7	10.6	584	2.52	5	1.1	<0.1	4.0	510	0.9	0.7	0.3	36
REP 1046619	QC		0.012																		
1046642	Drill Core	7.41	<0.005	33.6	248.3	16.9	37	0.3	7.0	12.5	251	3.31	6	2.0	<0.1	3.8	602	0.1	0.5	0.2	59
REP 1046642	QC			33.5	262.2	16.2	36	0.3	7.5	11.9	238	3.38	5	2.2	<0.1	3.8	615	0.3	0.4	0.2	59
1046648	Drill Core	6.72	0.006	8.5	339.1	10.9	37	0.2	8.5	12.9	578	3.63	3	2.3	<0.1	4.0	710	0.3	0.9	0.1	72
REP 1046648	QC		0.007																		
Core Reject Duplicates																					
1046569	Drill Core	7.63	0.016	17.9	858.3	12.7	45	0.4	7.5	23.0	242	3.09	7	1.8	<0.1	4.8	542	0.1	0.6	0.2	69
DUP 1046569	QC		0.013	19.2	888.8	12.8	40	0.4	8.2	22.9	254	3.19	8	1.9	<0.1	4.9	559	0.1	0.7	0.2	69
1046604	Drill Core	11.78	0.028	32.1	371.9	461.0	546	4.7	5.0	12.2	922	3.17	33	1.7	<0.1	4.0	317	3.6	3.1	1.4	45
DUP 1046604	QC		0.022	31.4	367.2	391.0	468	4.2	4.7	12.0	960	3.15	30	1.8	<0.1	4.1	320	3.0	2.9	1.2	45
1046639	Drill Core	7.12	<0.005	3.5	262.4	28.8	99	0.2	8.8	11.8	390	3.31	6	1.8	<0.1	3.5	434	0.6	0.7	0.2	66
DUP 1046639	QC		<0.005	3.4	260.2	28.6	101	0.2	8.2	13.0	400	3.36	6	1.8	<0.1	3.4	436	0.5	0.8	0.2	66
1046674	Drill Core	7.55	0.019	24.3	843.7	12.2	39	0.2	15.7	20.5	300	3.23	6	0.9	<0.1	3.6	651	<0.1	0.2	<0.1	86
DUP 1046674	QC		0.021	26.2	867.0	11.3	37	0.2	16.5	21.5	301	3.29	6	1.0	<0.1	3.8	627	0.1	0.2	<0.1	86
Reference Materials																					
STD OREAS24P	Standard			1.5	51.1	2.8	109	<0.1	143.1	45.6	1077	7.34	3	0.7	<0.1	2.8	364	0.2	<0.1	<0.1	161
STD OREAS24P	Standard			1.4	48.6	2.7	112	<0.1	143.3	44.2	1137	7.51	4	0.7	<0.1	2.9	380	0.1	<0.1	<0.1	158
STD OREAS24P	Standard			1.6	46.4	3.3	113	<0.1	132.6	43.3	1076	7.38	4	0.7	<0.1	2.9	398	<0.1	0.2	<0.1	163
STD OREAS24P	Standard			1.4	57.9	3.3	118	<0.1	151.2	49.9	1148	7.72	4	0.7	<0.1	3.0	410	<0.1	0.5	<0.1	161
STD OREAS45C	Standard			2.4	636.3	25.1	82	0.3	335.2	107.1	1147	18.65	12	2.3	<0.1	10.6	34	0.2	0.9	0.2	261
STD OREAS45C	Standard			2.2	615.5	25.3	86	0.2	326.2	103.4	1208	18.06	11	2.3	<0.1	11.0	41	0.2	0.8	0.2	265



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																					
1046579	Drill Core	2.43	0.130	12.5	9	1.01	68	0.084	7.52	1.207	3.07	0.6	37.1	29	1.3	10.2	1.2	<0.1	1	7	31.1
REP 1046579	QC	2.43	0.134	13.4	7	1.01	64	0.081	7.52	1.250	3.09	0.5	38.1	32	1.3	10.3	1.3	<0.1	1	6	30.4
1046586	Rock	35.23	0.003	0.2	<1	2.04	8	0.002	0.05	0.008	<0.01	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.1
REP 1046586	QC																				
1046612	Drill Core	0.88	0.087	18.3	3	0.60	73	0.069	7.15	0.135	2.64	1.6	30.3	37	2.1	6.9	2.0	0.1	1	3	25.7
REP 1046612	QC	0.89	0.088	17.9	3	0.61	60	0.067	7.10	0.137	2.67	1.7	30.1	37	2.1	6.8	1.9	0.1	1	3	27.4
1046619	Drill Core	3.13	0.075	16.2	3	0.60	64	0.068	6.76	1.371	2.44	0.5	23.3	36	1.5	7.7	1.7	0.1	1	3	11.4
REP 1046619	QC																				
1046642	Drill Core	2.72	0.121	12.7	5	0.73	41	0.068	7.45	0.800	2.53	1.3	51.4	31	1.7	8.1	1.3	<0.1	2	6	14.8
REP 1046642	QC	2.73	0.122	13.7	5	0.75	42	0.066	7.35	0.784	2.47	1.2	51.4	33	1.8	8.2	1.2	<0.1	<1	6	16.1
1046648	Drill Core	3.41	0.148	14.6	5	0.76	53	0.070	7.33	0.619	2.11	0.6	58.1	34	1.5	9.2	1.6	0.1	1	7	36.2
REP 1046648	QC																				
Core Reject Duplicates																					
1046569	Drill Core	2.91	0.130	16.4	14	0.93	65	0.109	7.67	2.256	2.43	0.9	43.5	35	1.5	11.5	1.5	0.1	2	6	26.4
DUP 1046569	QC	2.99	0.136	16.4	14	0.96	79	0.111	7.96	2.331	2.49	1.0	43.8	35	1.5	11.8	1.7	<0.1	2	7	28.9
1046604	Drill Core	0.95	0.088	14.5	8	0.62	52	0.098	7.60	1.332	2.90	0.8	31.1	32	2.3	7.2	2.7	0.2	2	4	11.5
DUP 1046604	QC	0.97	0.092	14.8	9	0.63	56	0.105	7.61	1.324	2.93	0.8	32.8	33	2.4	7.3	3.1	0.2	1	4	11.6
1046639	Drill Core	3.05	0.133	11.6	6	0.93	48	0.066	7.06	0.951	1.95	0.3	55.9	29	1.2	8.4	1.1	<0.1	<1	6	24.7
DUP 1046639	QC	3.03	0.131	10.7	5	0.94	43	0.068	7.02	0.935	1.91	0.3	56.7	29	1.1	9.0	1.4	<0.1	1	6	25.4
1046674	Drill Core	4.23	0.116	8.7	30	1.18	71	0.150	7.33	2.760	1.11	0.2	19.8	23	0.8	11.1	1.8	0.1	1	9	17.3
DUP 1046674	QC	4.18	0.111	8.5	31	1.17	87	0.140	7.31	2.723	1.12	0.1	19.5	23	0.8	11.1	1.6	0.1	1	9	18.3
Reference Materials																					
STD OREAS24P	Standard	5.51	0.131	19.1	199	4.09	284	1.049	7.90	2.558	0.68	0.5	129.0	38	1.6	22.5	19.3	1.1	1	20	7.1
STD OREAS24P	Standard	5.81	0.138	18.4	199	3.94	271	1.067	7.64	2.504	0.64	0.4	136.7	38	1.5	22.6	19.3	1.1	1	20	7.6
STD OREAS24P	Standard	5.83	0.128	17.4	201	4.10	278	1.069	7.74	2.423	0.65	0.5	138.1	39	1.5	22.6	19.1	1.1	1	21	8.4
STD OREAS24P	Standard	6.25	0.133	20.3	217	4.12	288	1.054	7.71	2.544	0.67	0.4	142.4	41	1.7	25.2	20.0	1.1	2	21	8.2
STD OREAS45C	Standard	0.49	0.052	27.6	932	0.26	291	1.177	7.63	0.104	0.36	1.1	162.1	52	2.9	13.5	22.9	1.5	1	61	15.9
STD OREAS45C	Standard	0.46	0.047	26.5	860	0.29	278	1.130	7.42	0.113	0.34	1.1	169.5	53	2.8	13.3	22.5	1.5	<1	60	15.7



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QUALITY CONTROL REPORT

SMI11000692.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046579	Drill Core	3.4	83.3	1.3
REP 1046579	QC	3.4	84.2	1.3
1046586	Rock	<0.1	0.3	<0.1
REP 1046586	QC			
1046612	Drill Core	3.0	72.5	1.0
REP 1046612	QC	3.1	73.6	1.0
1046619	Drill Core	4.4	66.9	0.8
REP 1046619	QC			
1046642	Drill Core	4.7	59.8	1.6
REP 1046642	QC	4.8	62.5	1.8
1046648	Drill Core	5.0	51.9	1.7
REP 1046648	QC			
Core Reject Duplicates				
1046569	Drill Core	3.4	73.1	1.6
DUP 1046569	QC	3.4	74.0	1.5
1046604	Drill Core	3.3	83.0	1.0
DUP 1046604	QC	3.1	85.1	1.0
1046639	Drill Core	4.3	46.7	1.8
DUP 1046639	QC	4.3	47.3	1.8
1046674	Drill Core	4.0	52.2	0.5
DUP 1046674	QC	4.0	51.4	0.6
Reference Materials				
STD OREAS24P	Standard	<0.1	23.7	3.3
STD OREAS24P	Standard	<0.1	22.5	3.5
STD OREAS24P	Standard	<0.1	23.2	3.5
STD OREAS24P	Standard	<0.1	25.6	3.6
STD OREAS45C	Standard	<0.1	25.1	4.3
STD OREAS45C	Standard	<0.1	25.2	4.4



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS45C	Standard			2.1	615.2	23.5	81	0.2	334.6	95.1	981	17.01	12	2.2	<0.1	9.7	41	0.1	1.0	0.4
STD OREAS45C	Standard			2.2	617.3	24.3	77	0.2	346.5	108.4	1181	18.32	11	2.3	<0.1	11.1	39	0.2	0.8	0.2
STD OXH82	Standard		1.269																	
STD OXH82	Standard		1.335																	
STD OXH82	Standard		1.319																	
STD OXH82	Standard		1.311																	
STD OXH82	Standard		1.384																	
STD OXK79	Standard		3.725																	
STD OXK79	Standard		3.742																	
STD OXK79	Standard		3.828																	
STD OXK79	Standard		3.741																	
STD OXK79 Expected			3.532																	
STD OXH82 Expected			1.278																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1



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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 19, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000692.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
STD OREAS45C	Standard	0.49	0.051	23.8	909	0.28	280	1.085	7.21	0.111	0.34	1.1	171.9	51	2.9	12.9	22.6	1.4	<1	60	16.1
STD OREAS45C	Standard	0.48	0.051	25.8	908	0.28	277	1.042	7.41	0.112	0.32	1.0	172.7	53	2.9	13.8	22.9	1.5	<1	63	15.0
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79 Expected																					
STD OXH82 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000692.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	25.3	4.2
STD OREAS45C	Standard	<0.1	25.3	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79 Expected				
STD OXH82 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1



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Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

SMI11000692.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Prep Wash																				
G1	Prep Blank		<0.005	0.3	3.7	21.9	53	<0.1	3.0	5.0	746	2.31	2	2.7	<0.1	9.5	748	0.2	0.2	0.3
G1	Prep Blank		<0.005	0.8	6.0	22.6	56	<0.1	4.0	5.3	764	2.31	2	2.7	<0.1	9.0	729	0.1	0.5	0.3



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Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000692.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Prep Wash																					
G1	Prep Blank	2.36	0.075	28.1	6	0.56	1050	0.275	7.89	2.874	3.29	0.2	11.1	58	1.8	15.8	26.8	1.6	4	5	38.9
G1	Prep Blank	2.30	0.081	26.8	13	0.58	999	0.276	7.78	2.876	3.27	0.2	11.3	57	1.7	16.0	27.1	1.5	3	5	40.0



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Project: Poplar Drilling

Report Date: December 19, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000692.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
Prep Wash				
G1	Prep Blank	<0.1	146.0	0.7
G1	Prep Blank	<0.1	142.0	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: December 19, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000693.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_17
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	113	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
G6	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 19, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046676	Drill Core	6.83	0.027	134.5	833.5	18.1	57	0.4	5.5	12.4	390	1.99	255	1.1	<0.1	5.4	573	0.1	1.7	0.1
1046677	Drill Core	7.08	0.018	33.4	485.8	28.2	51	0.3	5.2	15.5	307	2.47	153	1.0	<0.1	5.1	507	0.3	1.5	0.1
1046678	Drill Core	6.85	0.020	60.0	673.5	37.1	93	0.5	7.3	16.2	642	2.55	217	1.0	<0.1	5.3	341	0.5	4.2	0.1
1046679	Rock Pulp	0.15	0.007	678.9	128.9	17.0	91	0.1	16.9	6.4	670	2.75	4	3.7	<0.1	7.2	307	<0.1	0.7	0.7
1046680	Drill Core	6.28	0.019	43.0	537.1	14.2	52	0.3	6.5	9.6	730	2.46	77	0.9	<0.1	3.9	215	0.2	2.2	0.1
1046681	Drill Core	7.66	0.022	34.7	762.6	14.7	50	0.4	13.0	17.7	838	3.61	15	1.1	<0.1	3.2	142	0.2	0.6	0.1
1046682	Drill Core	6.17	0.029	49.8	937.9	23.4	60	0.6	9.1	19.7	990	3.62	11	1.8	<0.1	4.2	305	0.2	0.9	0.1
1046683	Drill Core	3.49	0.027	43.5	927.8	28.6	73	0.6	9.9	20.3	965	3.68	10	1.5	<0.1	4.0	312	0.3	1.0	0.2
1046684	Drill Core	6.48	0.021	26.7	833.6	230.8	266	2.4	7.1	14.8	2384	3.81	10	2.0	<0.1	5.2	252	1.8	2.8	2.4
1046685	Drill Core	6.89	0.011	5.3	435.0	76.6	105	0.5	6.6	10.2	1030	4.21	15	2.0	<0.1	5.2	578	0.8	1.0	0.2
1046686	Drill Core	7.05	0.016	6.9	674.1	16.0	51	0.5	6.9	9.1	720	4.37	9	2.4	<0.1	5.6	205	0.3	1.7	0.2
1046687	Drill Core	6.72	0.021	6.8	492.9	1425	698	2.2	8.1	27.4	4177	4.91	32	2.4	<0.1	5.9	213	5.7	6.6	0.9
1046688	Drill Core	7.06	0.005	0.5	213.6	19.4	45	0.2	7.8	12.9	872	4.09	17	2.3	<0.1	5.4	304	0.2	0.9	0.2
1046689	Drill Core	6.83	0.033	58.2	1336	20.9	62	0.4	6.8	14.9	631	2.69	184	0.9	<0.1	5.1	315	0.2	2.6	0.2
1046690	Drill Core	6.55	0.026	62.9	999.7	16.1	54	0.3	6.1	31.1	354	3.20	19	1.1	<0.1	4.8	1233	0.4	0.7	0.1
1046691	Drill Core	6.75	0.035	84.5	1037	20.5	70	0.3	5.5	26.3	376	2.67	21	0.9	<0.1	4.8	351	0.4	0.7	0.2
1046692	Drill Core	6.35	0.042	93.7	1509	27.6	75	0.6	6.7	17.6	385	2.28	258	0.9	<0.1	4.6	354	0.2	3.4	0.2
1046693	Rock	0.64	<0.005	0.7	7.8	0.1	<1	<0.1	1.6	<0.2	22	0.12	27	1.5	<0.1	<0.1	4970	<0.1	<0.1	<0.1
1046694	Drill Core	6.29	0.037	135.9	1233	23.6	121	0.6	6.9	19.5	453	2.20	371	1.2	<0.1	4.8	272	0.6	8.9	<0.1
1046695	Drill Core	6.09	0.029	92.8	1325	10.4	54	0.3	7.9	18.3	514	3.42	252	1.1	<0.1	4.1	436	<0.1	2.6	<0.1
1046696	Drill Core	6.45	0.022	77.8	988.8	46.8	153	1.2	6.2	16.9	1296	2.72	248	1.0	<0.1	4.2	324	0.8	6.8	0.1
1046697	Drill Core	3.37	0.019	153.2	979.5	37.3	141	1.0	10.0	21.8	1105	2.65	209	1.3	<0.1	4.4	288	1.1	6.5	0.1
1046698	Drill Core	6.88	0.026	139.6	992.0	20.7	111	0.5	8.4	38.2	571	3.29	303	1.1	<0.1	4.9	276	0.4	8.2	0.1
1046699	Drill Core	6.66	0.022	150.9	974.5	21.2	63	0.4	5.8	24.2	332	3.10	161	0.9	<0.1	4.7	409	0.2	2.7	0.1
1046700	Drill Core	6.42	0.026	184.2	992.0	60.6	125	0.8	7.8	31.0	554	4.02	249	1.5	<0.1	4.3	532	0.8	6.0	<0.1
1046701	Rock Pulp	0.15	0.448	146.2	4023	30.3	71	2.8	39.9	21.8	397	4.75	45	1.3	0.5	2.5	212	0.5	3.9	0.3
1046702	Drill Core	7.11	0.018	661.2	755.4	23.8	79	0.4	6.0	31.6	417	3.33	209	1.3	<0.1	4.0	528	0.3	4.7	<0.1
1046703	Drill Core	6.64	0.026	109.9	1305	20.7	72	0.8	6.6	46.8	355	3.38	221	1.2	<0.1	3.5	624	0.4	5.5	<0.1
1046704	Drill Core	6.70	0.016	60.2	864.7	15.8	101	0.5	7.5	35.2	353	3.30	244	1.4	<0.1	4.3	586	0.7	11.1	<0.1
1046705	Drill Core	6.13	0.012	38.2	557.7	14.3	90	0.3	6.2	21.5	254	3.45	28	1.4	<0.1	4.6	869	0.5	0.6	<0.1



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Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046676	Drill Core	1.62	0.082	10.4	3	0.74	86	0.065	6.93	1.907	2.25	0.2	12.6	23	0.9	6.7	1.7	0.1	2	3
1046677	Drill Core	1.62	0.064	10.2	4	0.70	69	0.057	6.74	1.715	2.28	0.4	13.1	22	1.0	5.8	1.6	0.1	2	3
1046678	Drill Core	1.37	0.087	12.4	7	0.85	62	0.073	6.78	1.443	2.22	0.5	11.6	27	1.2	7.0	1.9	0.1	1	4
1046679	Rock Pulp	1.58	0.081	29.0	22	0.58	913	0.261	7.09	2.042	3.15	7.2	23.5	56	7.7	13.8	12.8	0.8	3	5
1046680	Drill Core	2.45	0.094	8.6	17	1.04	145	0.163	7.04	0.625	2.13	0.5	16.5	20	1.2	7.1	2.0	0.1	1	9
1046681	Drill Core	4.65	0.144	12.5	24	1.22	131	0.231	6.96	0.051	1.09	0.7	20.4	27	1.2	10.6	1.9	0.1	1	11
1046682	Drill Core	3.80	0.139	14.9	12	1.17	89	0.141	6.98	0.070	2.02	0.4	32.2	31	1.2	9.5	1.5	<0.1	<1	8
1046683	Drill Core	3.74	0.136	13.7	12	1.09	70	0.127	6.55	0.068	1.92	0.3	29.3	30	1.0	8.6	1.5	<0.1	1	7
1046684	Drill Core	3.17	0.129	14.5	6	0.96	83	0.088	7.25	0.176	2.73	0.8	35.6	30	1.2	8.9	1.6	0.1	1	6
1046685	Drill Core	3.31	0.135	11.9	9	0.99	69	0.074	7.08	0.900	2.30	0.3	36.2	27	0.9	8.8	1.5	0.1	2	6
1046686	Drill Core	2.34	0.138	16.7	8	1.13	60	0.064	7.66	0.304	2.72	0.4	39.8	35	0.8	9.7	1.4	<0.1	1	6
1046687	Drill Core	2.19	0.136	15.6	10	0.92	55	0.084	7.46	0.093	2.53	0.9	38.5	33	1.2	9.8	1.5	0.1	1	7
1046688	Drill Core	2.89	0.138	13.4	9	1.08	61	0.088	7.30	0.444	1.90	0.4	37.7	30	0.7	10.0	1.6	0.1	1	6
1046689	Drill Core	2.06	0.089	11.3	6	0.83	67	0.066	7.13	1.069	2.17	0.5	12.4	25	0.9	6.5	1.4	<0.1	<1	4
1046690	Drill Core	1.96	0.094	14.0	4	0.78	67	0.057	6.93	0.917	2.52	0.9	18.9	30	1.0	7.5	1.3	<0.1	<1	4
1046691	Drill Core	2.16	0.084	11.9	6	0.64	78	0.075	6.85	1.646	2.11	0.6	9.7	25	0.7	6.5	1.5	0.1	1	3
1046692	Drill Core	1.81	0.084	11.5	6	0.73	77	0.078	6.99	1.550	2.29	0.6	10.2	25	1.0	6.1	1.5	0.1	1	4
1046693	Rock	36.92	0.004	0.3	<1	1.43	12	0.001	0.06	0.013	0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046694	Drill Core	1.54	0.085	14.9	4	0.74	89	0.066	7.11	0.323	2.39	0.5	10.9	31	1.1	6.6	1.5	<0.1	1	3
1046695	Drill Core	2.42	0.092	10.5	5	0.83	53	0.061	6.63	0.439	2.13	0.6	21.7	25	0.9	6.6	1.5	<0.1	1	4
1046696	Drill Core	2.33	0.083	13.3	6	0.73	76	0.081	7.18	0.078	2.74	0.8	16.0	29	0.9	6.4	1.7	0.1	1	4
1046697	Drill Core	2.44	0.108	17.3	14	0.76	92	0.133	7.57	0.066	2.22	0.5	16.7	35	0.9	7.7	1.6	0.1	1	7
1046698	Drill Core	1.57	0.096	15.0	8	0.79	50	0.082	6.76	0.990	2.44	0.7	13.3	31	0.7	7.4	1.4	<0.1	1	5
1046699	Drill Core	2.00	0.083	13.0	6	0.79	56	0.083	6.85	1.545	2.39	0.4	13.3	28	0.7	6.3	1.8	0.1	1	4
1046700	Drill Core	1.87	0.097	16.7	5	0.86	53	0.064	6.51	0.478	2.72	0.6	22.3	37	0.7	7.8	1.2	<0.1	1	5
1046701	Rock Pulp	0.37	0.111	13.4	64	1.07	89	0.302	6.70	1.487	4.32	14.9	29.6	27	2.6	10.6	3.0	0.2	2	15
1046702	Drill Core	2.00	0.110	13.1	5	0.93	60	0.066	7.13	0.436	3.05	0.6	25.1	28	0.8	7.4	1.4	0.1	2	4
1046703	Drill Core	3.25	0.135	9.6	5	0.79	58	0.087	6.27	0.556	2.26	0.4	25.8	24	0.7	7.3	1.4	<0.1	2	5
1046704	Drill Core	2.25	0.135	12.9	7	0.79	64	0.118	7.17	0.529	2.33	0.4	28.5	29	0.7	7.6	1.8	0.1	2	6
1046705	Drill Core	2.23	0.121	10.0	7	0.81	61	0.145	6.73	1.439	2.41	0.4	33.6	24	0.6	7.4	2.1	0.1	1	5



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Au
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	0.9
1046676	Drill Core	2.0	58.8	0.4	
1046677	Drill Core	2.7	56.4	0.5	
1046678	Drill Core	2.4	61.0	0.5	
1046679	Rock Pulp	0.3	118.5	1.0	
1046680	Drill Core	1.9	53.8	0.6	
1046681	Drill Core	2.9	20.4	0.7	
1046682	Drill Core	3.5	43.4	0.9	
1046683	Drill Core	3.7	38.6	0.9	
1046684	Drill Core	3.8	91.6	1.2	
1046685	Drill Core	4.5	67.5	1.3	
1046686	Drill Core	4.5	83.9	1.5	
1046687	Drill Core	4.8	88.8	1.4	
1046688	Drill Core	4.3	50.0	1.3	
1046689	Drill Core	2.5	55.3	0.5	
1046690	Drill Core	3.4	56.4	0.6	
1046691	Drill Core	2.5	50.1	0.4	
1046692	Drill Core	2.0	54.0	0.3	
1046693	Rock	<0.1	0.3	<0.1	
1046694	Drill Core	2.0	58.2	0.5	
1046695	Drill Core	3.6	41.5	0.7	
1046696	Drill Core	2.6	70.5	0.6	
1046697	Drill Core	2.4	62.1	0.6	
1046698	Drill Core	3.2	73.2	0.4	
1046699	Drill Core	3.0	58.6	0.5	
1046700	Drill Core	4.0	63.7	0.7	
1046701	Rock Pulp	2.3	133.7	0.8	
1046702	Drill Core	3.2	61.9	0.7	
1046703	Drill Core	3.3	41.2	0.8	
1046704	Drill Core	3.1	44.7	1.0	
1046705	Drill Core	3.1	50.4	1.1	



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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046706	Drill Core	7.17	0.014	59.9	678.4	21.0	66	0.6	8.0	25.7	343	3.70	98	1.9	<0.1	4.9	958	0.4	1.3	<0.1
1046707	Drill Core	3.29	0.013	151.6	714.3	19.4	75	0.6	8.1	30.7	371	3.94	107	2.0	<0.1	4.9	999	0.3	1.4	<0.1
1046708	Drill Core	6.47	0.009	52.1	722.0	10.6	44	0.3	7.7	41.9	275	4.11	119	2.0	<0.1	4.6	695	0.3	1.8	<0.1
1046709	Drill Core	6.55	0.013	119.3	853.0	16.0	56	0.4	6.7	21.4	280	3.70	71	2.1	<0.1	5.3	564	0.4	1.8	0.2
1046710	Drill Core	7.26	0.014	218.4	1176	25.7	78	0.9	8.9	27.3	326	3.88	161	2.0	<0.1	4.9	811	0.5	9.9	0.2
1046711	Drill Core	6.98	0.023	98.8	1519	12.0	56	0.5	6.6	17.2	247	3.13	227	1.6	<0.1	4.5	896	0.1	2.0	0.1
1046712	Drill Core	6.75	0.009	113.4	885.2	48.6	137	0.5	7.2	32.3	293	2.74	287	1.3	<0.1	5.3	1018	0.9	2.8	0.1
1046713	Drill Core	7.31	0.022	82.3	1412	17.5	73	0.7	6.3	35.8	283	2.98	305	1.3	<0.1	5.1	330	0.3	3.7	<0.1
1046714	Rock	0.56	<0.005	0.2	7.6	0.5	<1	<0.1	1.0	0.2	31	0.05	23	1.6	<0.1	<0.1	4509	<0.1	<0.1	<0.1
1046715	Drill Core	6.65	0.028	68.3	1423	20.3	88	0.9	6.3	26.3	400	2.48	73	1.2	<0.1	5.5	227	0.3	0.7	<0.1
1046716	Drill Core	7.01	0.018	98.7	1005	26.7	61	0.7	5.5	29.9	483	2.50	122	1.3	<0.1	5.1	249	0.3	1.4	<0.1
1046717	Drill Core	6.57	0.028	294.3	1211	37.0	153	1.6	6.1	28.4	655	2.17	298	1.4	<0.1	5.1	580	1.0	19.4	0.1
1046718	Drill Core	6.71	0.011	44.9	874.4	40.9	104	1.1	4.4	23.9	768	2.29	204	1.4	<0.1	5.6	813	0.7	3.7	0.1
1046719	Drill Core	5.29	0.082	246.7	1446	91.0	264	3.3	6.2	29.3	1157	2.55	419	1.9	0.3	4.9	634	2.0	21.2	0.3
1046720	Rock Pulp	0.14	0.904	157.6	3615	53.2	126	3.7	26.6	20.5	476	4.91	65	1.2	1.3	2.6	207	0.9	7.6	0.5
1046721	Drill Core	7.39	<0.005	0.8	18.7	34.3	102	<0.1	13.3	8.7	924	2.30	15	3.1	<0.1	6.9	799	0.2	2.3	<0.1
1046722	Drill Core	6.60	<0.005	0.5	28.7	37.4	112	0.2	12.1	8.2	823	2.24	17	2.6	<0.1	8.5	703	0.4	2.6	0.1
1046723	Drill Core	6.01	<0.005	<0.1	72.6	30.1	118	0.3	11.4	7.6	924	2.04	28	3.2	<0.1	8.5	647	0.5	4.8	0.1
1046724	Drill Core	5.41	<0.005	0.7	120.6	34.8	120	0.7	10.9	7.3	997	2.10	47	66.5	<0.1	8.8	617	0.5	5.9	0.2
1046725	Drill Core	6.03	<0.005	0.6	16.3	22.7	94	0.1	11.7	8.1	663	2.17	11	4.8	<0.1	9.0	682	0.3	1.7	0.3
1046726	Drill Core	4.16	<0.005	0.2	15.4	21.5	93	<0.1	13.3	7.8	688	2.10	10	3.1	<0.1	8.9	661	0.3	1.5	0.2
1046727	Drill Core	3.60	<0.005	0.7	26.9	21.8	73	<0.1	14.9	9.2	637	2.66	8	2.3	<0.1	5.7	782	0.4	1.9	0.1
1046728	Drill Core	6.91	0.015	74.7	943.4	14.7	54	0.7	7.7	15.4	383	1.84	132	1.5	<0.1	5.4	1232	0.1	3.3	0.1
1046729	Drill Core	6.65	0.023	55.8	1251	7.9	91	0.8	8.8	22.1	426	1.95	275	1.3	<0.1	5.3	1240	0.7	16.5	<0.1
1046730	Drill Core	6.33	0.028	70.0	1078	13.1	36	0.6	8.7	20.6	464	1.92	47	1.9	<0.1	5.3	344	0.1	1.0	<0.1
1046731	Drill Core	6.60	0.018	76.5	882.7	11.6	29	0.6	9.8	16.1	223	1.81	10	1.6	<0.1	5.7	1392	0.1	0.3	<0.1
1046732	Drill Core	6.35	0.031	176.4	1148	9.5	30	0.7	10.8	23.2	221	2.19	84	3.4	<0.1	5.3	1007	<0.1	0.5	<0.1
1046733	Rock	0.38	<0.005	0.3	10.8	1.0	18	0.7	0.8	<0.2	33	0.04	25	1.5	<0.1	0.2	4408	<0.1	<0.1	<0.1
1046734	Drill Core	6.54	0.023	182.1	1200	10.0	73	0.8	11.1	21.1	579	2.06	317	1.5	<0.1	5.3	792	0.4	8.1	<0.1
1046735	Drill Core	7.54	0.024	123.7	1052	146.3	416	1.2	12.9	22.7	1026	2.92	194	1.8	<0.1	4.2	482	2.8	9.2	0.2



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046706	Drill Core	1.91	0.119	16.4	8	0.87	48	0.146	6.80	1.675	2.57	0.4	32.0	36	0.7	8.5	2.3	0.2	2	5
1046707	Drill Core	2.01	0.131	14.3	6	0.92	50	0.146	7.13	1.736	2.71	0.5	32.9	32	0.8	8.9	2.2	0.2	2	5
1046708	Drill Core	2.04	0.128	18.2	5	0.87	44	0.114	6.65	1.280	2.56	0.5	32.0	37	0.8	7.7	1.6	0.1	1	5
1046709	Drill Core	2.53	0.134	15.6	6	0.81	73	0.141	7.93	1.286	2.59	0.5	32.1	31	0.8	9.4	1.9	0.2	1	6
1046710	Drill Core	2.37	0.137	13.8	8	0.89	55	0.136	7.45	0.954	2.65	0.3	38.9	31	0.8	9.3	1.9	0.1	<1	6
1046711	Drill Core	2.42	0.103	15.7	7	0.85	92	0.131	7.13	1.644	2.31	0.6	26.1	33	1.1	8.5	1.5	0.1	<1	5
1046712	Drill Core	1.38	0.071	18.7	4	0.70	65	0.055	7.15	1.943	2.43	0.6	11.4	37	0.7	7.2	0.9	<0.1	2	3
1046713	Drill Core	1.56	0.074	19.0	3	0.63	55	0.055	7.07	1.770	2.59	0.5	11.2	37	0.6	7.6	0.9	<0.1	1	3
1046714	Rock	37.01	0.003	1.2	<1	1.64	13	<0.001	0.03	0.006	0.06	<0.1	0.2	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046715	Drill Core	1.93	0.077	17.6	5	0.70	82	0.073	7.34	1.863	2.41	0.5	11.4	37	0.7	7.7	1.1	<0.1	1	4
1046716	Drill Core	2.14	0.087	15.5	5	0.73	114	0.062	7.50	1.249	2.56	0.5	10.9	34	0.6	7.6	1.0	<0.1	1	4
1046717	Drill Core	1.76	0.081	23.0	2	0.64	150	0.050	7.04	1.023	2.76	0.5	10.3	47	0.7	7.6	1.0	<0.1	2	3
1046718	Drill Core	1.58	0.087	18.7	4	0.70	119	0.076	7.64	1.765	2.65	0.4	11.7	38	0.6	8.0	1.3	<0.1	1	4
1046719	Drill Core	1.83	0.073	21.6	4	0.72	132	0.074	6.90	1.041	2.59	0.6	10.1	43	0.7	8.8	1.0	<0.1	<1	3
1046720	Rock Pulp	0.37	0.105	14.0	45	0.82	402	0.264	6.27	1.134	2.66	27.1	24.1	26	3.1	11.1	3.5	0.2	1	11
1046721	Drill Core	3.16	0.105	18.6	19	1.04	1048	0.257	6.95	0.509	3.14	0.9	93.5	36	0.6	8.3	9.0	0.6	1	5
1046722	Drill Core	2.95	0.097	18.7	16	0.94	1046	0.227	6.93	1.119	3.07	0.8	90.6	36	0.7	8.3	9.4	0.8	2	4
1046723	Drill Core	3.09	0.087	17.8	14	0.95	1172	0.219	6.69	0.366	3.08	0.7	88.2	34	0.7	8.1	9.4	0.7	1	4
1046724	Drill Core	3.06	0.084	19.3	15	0.94	986	0.223	6.64	0.529	3.10	0.8	85.9	37	0.7	8.5	9.1	0.7	1	4
1046725	Drill Core	2.68	0.097	20.0	15	0.92	1060	0.230	7.09	1.694	2.96	0.8	93.4	39	0.6	8.7	9.5	0.8	<1	5
1046726	Drill Core	2.70	0.095	20.6	15	0.94	959	0.236	7.16	1.606	2.94	0.8	91.6	39	0.6	8.5	9.3	0.7	1	4
1046727	Drill Core	3.16	0.122	21.0	21	1.13	837	0.307	7.20	1.787	2.89	0.6	107.2	42	0.8	8.0	8.9	0.6	2	6
1046728	Drill Core	2.22	0.071	17.0	6	0.75	706	0.103	7.34	2.049	2.20	0.4	17.9	36	0.6	7.3	1.8	0.1	1	4
1046729	Drill Core	2.21	0.091	16.1	5	0.72	243	0.124	7.40	1.931	1.95	0.5	13.4	35	0.8	7.0	1.5	<0.1	1	5
1046730	Drill Core	2.76	0.093	16.6	10	0.86	436	0.138	7.21	1.048	1.97	0.7	19.7	34	0.6	8.5	1.5	<0.1	<1	5
1046731	Drill Core	2.68	0.093	17.0	15	0.91	276	0.166	7.33	2.663	1.62	0.4	26.4	36	0.7	9.8	1.5	0.1	1	7
1046732	Drill Core	2.64	0.095	20.2	16	0.85	172	0.150	6.44	1.704	2.31	0.5	25.3	42	0.7	8.9	1.5	0.1	2	6
1046733	Rock	36.31	0.003	0.5	<1	1.80	10	0.002	0.08	0.005	<0.01	<0.1	0.7	<1	<0.1	0.5	<0.1	<0.1	<1	<1
1046734	Drill Core	2.66	0.117	21.3	15	0.98	369	0.166	7.23	0.766	2.23	0.6	28.0	45	0.7	8.2	1.6	0.1	2	7
1046735	Drill Core	2.73	0.123	15.9	22	0.99	143	0.193	7.64	0.230	1.99	1.0	32.5	34	1.1	9.3	1.2	<0.1	2	9



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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Au
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	0.9
1046706	Drill Core	3.2	69.9	1.1	
1046707	Drill Core	3.6	76.5	1.0	
1046708	Drill Core	3.9	59.9	0.9	
1046709	Drill Core	3.2	59.3	1.1	
1046710	Drill Core	3.2	56.1	1.2	
1046711	Drill Core	2.4	54.6	0.9	
1046712	Drill Core	2.4	74.8	0.5	
1046713	Drill Core	2.5	70.2	0.4	
1046714	Rock	<0.1	2.5	<0.1	
1046715	Drill Core	2.2	71.3	0.5	
1046716	Drill Core	2.0	66.4	0.4	
1046717	Drill Core	2.0	81.3	0.4	
1046718	Drill Core	1.8	86.0	0.5	
1046719	Drill Core	2.0	95.1	0.4	
1046720	Rock Pulp	2.6	63.3	0.7	
1046721	Drill Core	<0.1	85.9	2.7	
1046722	Drill Core	<0.1	97.7	2.9	
1046723	Drill Core	<0.1	90.9	2.8	
1046724	Drill Core	<0.1	99.7	2.6	
1046725	Drill Core	<0.1	95.7	2.9	
1046726	Drill Core	<0.1	95.2	3.0	
1046727	Drill Core	<0.1	85.2	2.9	
1046728	Drill Core	1.0	73.2	0.7	
1046729	Drill Core	1.3	59.1	0.5	
1046730	Drill Core	1.1	56.8	0.6	
1046731	Drill Core	1.3	54.0	0.9	
1046732	Drill Core	1.5	53.1	0.9	
1046733	Rock	<0.1	0.3	<0.1	
1046734	Drill Core	1.1	60.5	0.9	
1046735	Drill Core	2.0	61.7	0.8	



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	1
1046736	Drill Core	6.61	0.025	74.8	1063	112.2	291	1.2	15.8	20.4	1106	2.40	117	1.5	<0.1	4.3	448	1.9	17.2	<0.1
1046737	Drill Core	6.58	0.032	67.1	1309	16.6	42	0.7	11.1	18.0	741	2.03	35	1.2	<0.1	5.3	796	0.4	1.2	<0.1
1046738	Drill Core	6.32	0.035	87.0	1604	66.8	140	1.3	13.2	23.3	1264	2.25	225	1.5	<0.1	5.8	547	1.0	14.8	<0.1
1046739	Drill Core	6.69	0.050	56.7	1300	779.2	280	2.0	10.9	18.1	2424	2.23	193	1.7	<0.1	5.5	416	1.7	9.6	0.2
1046740	Rock Pulp	0.14	0.445	146.6	3743	31.9	69	2.7	38.2	21.5	396	4.70	47	1.4	1.0	2.8	219	0.3	3.7	0.4
1046741	Drill Core	6.85	0.117	143.5	1994	>10000	>10000	13.7	10.6	16.7	1776	2.15	221	1.2	0.1	4.6	543	109.0	145.4	2.7
1046742	Drill Core	6.51	0.075	243.9	2235	35.4	98	0.8	9.5	17.4	331	1.88	46	1.2	<0.1	5.0	1434	0.5	1.2	<0.1
1046743	Drill Core	6.49	0.048	1176	1761	103.3	199	1.0	10.0	14.8	804	1.96	196	2.0	<0.1	5.9	817	1.4	6.1	<0.1
1046744	Drill Core	7.39	0.034	79.9	1744	18.5	68	0.8	10.1	17.0	632	2.15	160	1.2	<0.1	4.2	640	0.5	4.9	0.4
1046745	Drill Core	6.53	0.041	189.7	1946	12.3	55	0.6	10.5	22.7	491	2.20	152	1.3	<0.1	4.2	969	0.2	5.7	0.2
1046746	Drill Core	6.47	0.054	55.3	2235	30.1	65	1.3	13.3	20.5	1123	2.13	33	1.2	<0.1	4.0	450	0.5	4.5	0.2
1046747	Drill Core	6.64	0.259	114.9	1980	861.6	2301	6.1	10.5	16.9	1095	2.05	25	1.2	<0.1	4.0	866	16.8	23.1	0.3
1046748	Drill Core	3.37	0.063	142.0	2045	1060	634	4.3	11.8	16.9	1452	2.38	34	1.4	0.1	4.2	788	4.3	30.6	0.2
1046749	Drill Core	6.80	0.052	79.1	2122	44.6	119	1.4	10.9	17.7	997	1.93	6	1.0	<0.1	4.5	693	0.6	4.9	<0.1
1046750	Drill Core	6.30	0.046	571.7	2087	182.1	873	4.7	7.9	14.2	8294	2.66	78	1.6	<0.1	5.0	345	8.6	37.5	0.9
1046751	Drill Core	6.40	0.033	32.0	1679	16.4	55	1.0	11.7	21.7	857	2.40	33	1.0	<0.1	4.0	378	0.3	4.3	0.2
1046752	Drill Core	7.10	0.035	58.3	1672	11.6	48	0.7	10.2	19.4	343	2.29	1	1.1	<0.1	4.4	700	0.3	0.4	0.2
1046753	Drill Core	6.99	0.036	74.2	1810	23.0	76	1.5	10.1	25.1	769	2.71	120	1.1	<0.1	4.2	616	0.3	9.5	0.3
1046754	Drill Core	5.75	0.032	48.7	1680	14.9	64	1.0	10.1	17.2	463	2.21	9	1.1	<0.1	4.2	641	0.3	0.9	0.2
1046755	Drill Core	7.15	0.026	51.4	1251	19.9	66	0.9	4.6	10.9	562	1.42	101	0.7	<0.1	4.0	594	0.3	9.2	0.1
1046756	Drill Core	6.43	0.042	81.3	1441	98.5	229	1.4	3.0	11.4	1601	1.57	18	0.8	<0.1	4.2	1160	1.9	5.2	0.5
1046757	Rock Pulp	0.15	0.493	142.0	3830	27.7	73	2.5	37.5	20.9	468	4.60	49	1.2	0.4	2.3	245	0.5	4.1	0.4
1046758	Drill Core	6.58	0.042	48.7	1184	29.5	76	0.9	3.8	10.8	702	1.87	43	0.8	<0.1	4.0	588	0.1	4.5	0.3
1046759	Drill Core	7.13	0.045	65.8	1735	176.0	383	3.4	5.9	11.7	4558	2.68	127	1.0	<0.1	5.0	293	2.6	17.7	0.6
1046760	Drill Core	7.05	0.064	100.0	1980	82.5	191	2.0	4.4	13.7	1194	1.91	110	0.7	<0.1	4.0	588	1.2	8.0	0.3
1046761	Drill Core	7.12	0.039	24.2	1162	54.7	123	1.3	4.4	12.6	632	1.70	24	0.7	<0.1	3.8	615	0.8	2.7	0.3
1046762	Drill Core	7.38	0.042	85.4	1366	107.3	180	2.0	3.1	11.3	717	1.58	77	0.6	<0.1	3.6	507	1.2	26.1	0.2
1046763	Rock	0.38	<0.005	0.2	3.7	0.3	<1	<0.1	0.4	0.7	24	0.13	8	1.4	<0.1	<0.1	3522	<0.1	0.2	<0.1
1046764	Drill Core	6.83	0.083	148.6	2168	58.6	152	2.1	4.2	15.5	1080	2.16	25	0.9	0.1	4.1	676	0.9	3.8	0.5
1046765	Drill Core	6.43	0.078	92.0	1337	83.6	127	1.6	3.8	10.6	5821	2.03	89	0.8	<0.1	3.4	544	1.0	11.0	0.4



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Project:

Poplar Drilling

Report Date:

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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046736	Drill Core	2.82	0.128	13.5	21	0.93	297	0.239	7.29	0.911	1.53	2.0	30.9	31	0.8	9.4	2.2	0.1	1	8
1046737	Drill Core	2.45	0.103	15.7	13	0.94	255	0.188	6.79	1.835	2.53	0.3	23.1	32	0.8	8.5	1.6	0.1	<1	6
1046738	Drill Core	2.56	0.123	16.9	15	0.90	254	0.198	7.51	0.929	2.13	0.7	28.2	34	0.8	8.8	1.7	0.1	1	7
1046739	Drill Core	2.53	0.120	17.2	13	0.97	334	0.197	7.57	0.820	2.93	2.1	28.2	35	0.7	9.6	1.6	0.1	1	7
1046740	Rock Pulp	0.36	0.109	15.1	64	1.02	133	0.280	6.53	1.457	4.64	15.1	25.9	29	2.4	10.1	2.7	0.2	1	14
1046741	Drill Core	2.43	0.092	15.9	15	0.84	126	0.162	6.51	1.422	2.42	2.0	22.2	33	0.6	7.9	1.3	<0.1	1	6
1046742	Drill Core	2.64	0.110	18.8	14	0.84	175	0.174	7.08	1.988	2.43	1.3	24.5	38	0.9	9.5	1.5	0.1	2	7
1046743	Drill Core	2.21	0.098	58.2	15	0.81	480	0.175	7.42	1.345	3.03	3.2	24.7	96	0.8	8.8	2.0	0.1	2	7
1046744	Drill Core	2.32	0.102	13.8	19	0.84	293	0.148	6.96	1.635	2.24	1.3	24.8	33	1.0	8.0	1.4	0.1	1	6
1046745	Drill Core	2.57	0.109	17.0	16	0.94	242	0.160	6.92	1.444	2.75	0.6	26.3	39	0.9	8.7	1.7	0.1	1	6
1046746	Drill Core	3.10	0.110	12.4	15	1.03	202	0.158	6.67	1.122	2.33	0.8	25.8	30	0.7	9.1	1.4	0.1	1	6
1046747	Drill Core	2.44	0.102	14.1	15	0.94	164	0.164	6.52	1.575	2.70	0.7	26.9	33	1.1	8.6	1.8	0.1	1	6
1046748	Drill Core	2.87	0.099	17.0	17	0.95	175	0.153	6.44	1.523	2.81	0.9	25.6	38	1.1	8.6	1.6	0.1	1	6
1046749	Drill Core	2.15	0.099	13.4	13	0.95	555	0.162	6.94	1.905	2.84	0.4	26.7	31	0.7	9.0	1.7	0.1	1	6
1046750	Drill Core	2.47	0.094	47.4	14	0.91	565	0.160	6.51	0.897	2.73	3.0	23.5	91	0.6	10.0	1.7	0.1	<1	6
1046751	Drill Core	2.36	0.100	10.9	16	0.88	253	0.180	6.74	1.525	2.83	0.5	26.5	27	0.6	8.4	1.9	0.2	1	6
1046752	Drill Core	2.79	0.109	12.2	18	0.94	167	0.185	7.04	2.672	2.35	0.3	26.7	31	0.8	10.0	1.9	0.1	1	6
1046753	Drill Core	2.48	0.108	13.3	17	0.98	169	0.171	6.90	1.894	2.54	2.5	25.2	34	1.9	8.9	1.8	0.1	2	6
1046754	Drill Core	2.57	0.101	11.8	16	0.94	216	0.177	7.14	2.400	2.43	0.5	26.6	30	0.8	9.5	1.6	0.1	1	6
1046755	Drill Core	1.69	0.072	12.4	6	0.67	591	0.087	6.77	2.018	2.89	0.4	9.3	30	0.5	6.6	1.5	<0.1	1	3
1046756	Drill Core	2.50	0.075	11.1	4	0.53	620	0.106	7.08	2.164	2.43	0.9	15.8	28	0.7	7.6	2.1	0.1	2	3
1046757	Rock Pulp	0.37	0.111	13.4	62	1.01	192	0.267	6.84	1.508	4.71	13.3	26.7	30	2.2	10.7	2.8	0.2	1	14
1046758	Drill Core	2.16	0.078	11.4	5	0.54	600	0.138	7.09	1.855	2.20	0.8	19.3	28	0.8	7.4	3.8	0.3	1	3
1046759	Drill Core	2.57	0.111	15.9	6	0.75	1115	0.192	7.20	0.588	3.42	2.2	17.9	35	1.0	9.7	4.8	0.3	1	5
1046760	Drill Core	1.79	0.073	13.7	5	0.55	1168	0.136	6.98	1.545	3.58	0.6	14.4	29	0.5	6.4	3.4	0.2	1	3
1046761	Drill Core	1.69	0.066	9.2	6	0.54	756	0.132	6.79	2.422	2.65	1.1	13.9	21	1.0	5.5	3.4	0.2	1	3
1046762	Drill Core	1.90	0.075	10.9	5	0.57	770	0.123	6.49	1.867	2.92	0.5	13.1	26	0.6	6.1	2.7	0.2	1	3
1046763	Rock	34.88	0.003	<0.1	<1	1.82	4	<0.001	0.05	0.006	<0.01	<0.1	0.2	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1046764	Drill Core	1.93	0.075	14.3	7	0.56	595	0.120	6.90	1.283	4.00	2.1	17.1	32	1.5	7.5	2.5	0.2	1	3
1046765	Drill Core	1.75	0.077	13.4	6	0.48	553	0.132	6.60	1.871	3.08	2.0	16.8	30	0.9	7.5	3.2	0.2	<1	3



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000693.1

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Au
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	0.9
1046736	Drill Core	1.2	44.0	0.9	
1046737	Drill Core	1.1	69.5	0.7	
1046738	Drill Core	1.3	61.3	0.9	
1046739	Drill Core	1.0	100.4	0.9	
1046740	Rock Pulp	2.1	133.9	0.7	
1046741	Drill Core	1.9	83.7	0.7	
1046742	Drill Core	1.4	62.9	0.8	
1046743	Drill Core	1.1	80.3	0.8	
1046744	Drill Core	1.1	59.9	0.9	
1046745	Drill Core	1.3	61.6	1.0	
1046746	Drill Core	1.1	50.8	0.9	
1046747	Drill Core	1.3	72.0	0.9	
1046748	Drill Core	1.4	72.9	0.9	
1046749	Drill Core	1.1	77.5	1.0	
1046750	Drill Core	1.1	90.4	0.8	
1046751	Drill Core	1.2	63.7	1.0	
1046752	Drill Core	1.7	57.8	0.9	
1046753	Drill Core	1.5	78.7	0.9	
1046754	Drill Core	1.5	67.6	1.0	
1046755	Drill Core	0.7	79.1	0.3	
1046756	Drill Core	0.9	71.8	0.5	
1046757	Rock Pulp	2.0	107.8	0.8	
1046758	Drill Core	0.8	66.3	0.6	
1046759	Drill Core	0.8	116.4	0.7	
1046760	Drill Core	0.7	92.2	0.5	
1046761	Drill Core	0.8	81.1	0.4	
1046762	Drill Core	0.6	75.3	0.4	
1046763	Rock	<0.1	0.3	<0.1	
1046764	Drill Core	1.1	114.1	0.5	
1046765	Drill Core	0.9	88.7	0.6	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046766	Drill Core	6.83	0.050	77.2	1386	9.3	36	0.6	3.1	12.5	219	1.65	6	0.7	<0.1	3.9	516	0.2	0.7	0.2
1046767	Drill Core	7.24	0.057	99.4	1876	8.6	36	0.7	4.3	10.4	200	1.56	10	0.9	<0.1	3.9	494	0.2	1.9	0.2
1046768	Drill Core	3.11	0.046	90.4	1404	9.5	40	0.7	3.6	9.4	203	1.40	12	0.9	<0.1	3.7	501	<0.1	1.9	0.2
1046769	Drill Core	6.74	0.065	111.3	2163	8.7	37	0.9	4.5	14.4	247	1.86	<1	0.8	<0.1	4.2	497	0.3	0.2	0.2
1046770	Drill Core	6.94	0.088	104.3	1694	8.8	57	0.7	6.1	11.0	401	2.42	3	1.0	<0.1	4.0	720	0.2	0.2	0.1
1046771	Drill Core	7.35	0.108	86.5	1542	99.7	591	1.5	8.0	15.0	868	3.57	3	1.3	<0.1	3.6	654	4.9	0.5	0.4
1046772	Drill Core	7.38	0.059	82.7	2094	172.2	1054	1.3	6.5	12.8	571	2.65	248	1.1	<0.1	4.0	948	7.6	5.1	0.3
1046773	Drill Core	6.67	0.131	138.6	4585	144.3	630	1.9	8.7	16.7	350	2.74	280	1.0	0.1	3.7	1257	4.4	0.9	0.4
1046774	Drill Core	6.27	0.147	62.8	2738	126.4	504	1.1	7.4	14.4	330	2.54	237	0.9	0.1	4.2	939	3.5	1.0	0.3
1046775	Rock	0.51	<0.005	0.8	10.1	0.5	<1	<0.1	<0.1	0.5	30	0.17	10	1.2	<0.1	<0.1	4448	<0.1	<0.1	<0.1
1046776	Drill Core	7.13	0.140	62.2	3474	236.7	643	1.7	7.5	14.8	760	2.65	292	0.9	0.1	4.4	753	5.2	1.8	0.2
1046777	Rock Pulp	0.18	0.477	138.4	3760	28.1	72	2.5	38.9	20.4	465	4.58	42	1.2	0.3	2.6	247	0.5	4.6	0.4
1046778	Drill Core	6.17	0.125	63.7	2608	211.4	728	1.4	6.8	12.8	575	2.13	435	0.9	0.1	5.1	461	4.8	6.1	0.2
1046779	Drill Core	7.53	0.119	61.4	2798	106.9	178	1.4	7.9	15.5	709	2.60	166	1.0	0.2	5.1	672	1.1	10.8	0.3
1046780	Drill Core	6.31	0.151	129.4	3741	31.2	102	3.6	8.5	17.7	2632	2.68	33	1.8	0.3	4.8	570	0.4	3.1	0.8
1046781	Drill Core	6.88	0.109	70.5	3264	41.2	129	3.9	7.2	13.7	4029	2.96	58	1.3	<0.1	5.1	226	0.4	5.3	0.5
1046782	Drill Core	6.86	0.083	121.2	2722	180.7	380	5.2	7.0	11.6	5079	2.40	305	1.3	<0.1	4.9	224	2.6	42.4	0.6
1046783	Drill Core	6.26	0.107	186.4	2634	730.9	1252	9.1	7.1	9.1	8072	2.69	277	1.3	0.2	5.6	160	10.4	136.8	1.0
1046784	Drill Core	6.78	0.062	23.2	1685	164.1	205	2.7	7.4	10.5	4846	3.95	96	1.1	<0.1	5.6	176	1.0	14.0	0.4
1046785	Drill Core	6.78	>10	9.4	2706	79.1	276	7.2	10.8	13.8	>10000	7.50	125	1.0	2.4	3.9	153	1.0	23.3	5.0
1046786	Drill Core	6.33	0.035	6.2	616.1	57.5	167	6.5	6.9	8.7	8794	4.02	59	1.6	<0.1	5.8	226	1.0	21.6	0.7
1046787	Drill Core	7.33	0.013	14.2	388.0	20.0	108	0.5	6.8	9.6	1937	3.34	20	2.0	<0.1	6.7	437	0.4	2.1	0.2
1046788	Drill Core	6.26	0.015	7.8	489.0	25.5	75	0.8	7.7	10.6	1633	3.57	9	1.6	<0.1	5.6	246	0.3	2.1	0.2
1046789	Drill Core	7.00	<0.005	8.0	288.8	12.7	72	0.3	7.4	10.7	1927	3.83	7	1.5	<0.1	4.4	312	0.1	1.3	0.2
1046790	Drill Core	3.27	<0.005	6.5	241.7	11.9	67	0.3	7.4	8.9	1785	3.85	7	1.5	<0.1	4.8	245	0.2	1.1	0.2
1046791	Drill Core	7.40	0.010	9.9	336.1	10.4	70	0.3	7.4	8.6	1259	3.66	5	1.4	<0.1	4.4	854	0.1	1.0	0.3
1046792	Drill Core	6.87	0.024	18.5	524.4	9.3	62	0.3	9.5	11.4	732	3.49	3	2.0	<0.1	5.9	637	<0.1	0.3	0.1
1046793	Drill Core	6.84	0.008	5.1	479.4	9.1	63	0.3	6.4	8.7	923	3.27	2	2.5	<0.1	8.3	568	0.2	0.2	0.1
1046794	Rock Pulp	0.21	0.419	152.6	3762	28.3	71	2.6	39.8	21.4	468	4.86	45	1.3	0.7	2.6	262	0.3	4.1	0.4
1046795	Drill Core	7.35	0.042	14.5	756.9	10.9	51	0.5	6.4	7.6	608	2.79	4	3.3	<0.1	11.1	588	0.1	0.4	0.2



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046766	Drill Core	1.86	0.074	12.7	9	0.52	207	0.136	6.76	3.080	2.87	0.4	17.5	27	0.6	7.7	3.1	0.2	<1	3
1046767	Drill Core	2.11	0.070	13.3	8	0.46	292	0.117	6.94	2.801	3.02	0.4	19.4	30	0.5	7.8	2.3	0.1	1	3
1046768	Drill Core	2.02	0.069	12.0	6	0.45	670	0.123	6.85	2.997	2.77	0.5	18.9	28	0.4	7.3	2.5	0.1	1	3
1046769	Drill Core	2.10	0.078	15.0	10	0.50	291	0.133	6.77	3.029	2.90	0.7	18.3	35	0.6	9.2	2.7	0.2	1	3
1046770	Drill Core	2.42	0.110	14.3	9	0.74	958	0.223	7.03	2.777	2.28	0.4	22.1	32	0.8	10.8	6.3	0.4	1	5
1046771	Drill Core	2.80	0.118	12.2	17	0.83	160	0.263	6.83	2.886	2.11	0.6	24.8	30	1.0	10.6	7.6	0.4	1	5
1046772	Drill Core	2.40	0.124	13.6	12	0.67	616	0.244	7.16	2.294	2.87	1.0	19.8	33	0.9	10.2	6.5	0.4	1	6
1046773	Drill Core	2.23	0.104	15.0	13	0.56	264	0.210	6.93	2.221	3.12	0.9	17.6	35	0.9	8.9	5.0	0.3	1	5
1046774	Drill Core	2.26	0.118	16.4	11	0.60	722	0.248	7.27	2.574	2.92	0.6	18.0	37	0.9	10.0	7.4	0.4	1	5
1046775	Rock	38.07	0.003	0.1	<1	1.90	7	0.001	0.03	0.009	0.01	<0.1	0.2	<1	<0.1	0.2	0.1	<0.1	<1	<1
1046776	Drill Core	2.55	0.118	13.8	9	0.66	1043	0.227	7.05	2.057	2.90	0.7	18.4	34	0.9	10.0	6.5	0.4	<1	5
1046777	Rock Pulp	0.40	0.111	15.9	61	1.01	373	0.262	6.90	1.488	4.19	13.9	27.6	32	2.1	11.3	2.8	0.2	1	15
1046778	Drill Core	1.88	0.119	14.4	11	0.48	1067	0.222	7.37	1.551	2.77	2.3	16.8	33	0.8	9.3	6.7	0.4	1	5
1046779	Drill Core	2.61	0.124	16.0	13	0.87	265	0.258	7.98	1.380	3.30	2.0	17.5	35	0.8	11.8	6.4	0.4	<1	7
1046780	Drill Core	2.97	0.113	20.2	11	0.85	171	0.218	7.62	1.060	3.89	6.0	17.3	42	0.9	12.5	5.6	0.4	1	6
1046781	Drill Core	2.98	0.116	21.4	12	0.91	341	0.233	7.84	0.117	3.86	3.5	17.3	44	0.8	12.8	6.2	0.4	2	6
1046782	Drill Core	2.20	0.125	19.2	10	0.73	298	0.241	7.57	0.071	4.13	7.0	14.8	41	0.8	11.7	7.0	0.5	1	6
1046783	Drill Core	1.33	0.108	26.9	11	0.61	267	0.222	7.57	0.072	3.85	7.3	13.1	53	0.8	11.1	6.8	0.5	1	6
1046784	Drill Core	2.60	0.123	16.9	10	0.86	948	0.224	8.01	0.154	3.42	3.6	14.3	35	0.8	12.2	6.5	0.4	2	6
1046785	Drill Core	1.43	0.084	11.5	11	0.74	124	0.192	6.78	0.101	3.69	5.9	12.2	27	1.0	9.4	3.9	0.3	2	6
1046786	Drill Core	2.68	0.129	17.6	12	0.89	925	0.196	7.66	0.616	3.51	3.3	22.0	41	0.9	12.8	6.4	0.5	<1	6
1046787	Drill Core	2.81	0.123	17.3	10	0.87	1246	0.242	7.95	1.444	3.12	1.9	26.2	40	0.8	12.8	7.8	0.6	1	7
1046788	Drill Core	2.81	0.126	15.9	12	0.81	1106	0.257	7.86	1.090	2.81	1.4	22.6	38	1.0	12.2	8.0	0.5	1	7
1046789	Drill Core	3.73	0.127	11.8	11	0.97	1695	0.247	7.27	1.476	2.79	1.3	22.7	30	0.9	11.6	7.8	0.5	2	6
1046790	Drill Core	3.32	0.129	12.9	12	0.89	1116	0.257	7.39	1.553	2.74	1.4	23.0	32	0.9	12.3	8.1	0.5	1	7
1046791	Drill Core	2.90	0.109	14.0	11	0.77	1115	0.235	7.27	1.713	2.46	1.5	21.1	33	1.0	11.1	6.6	0.4	1	6
1046792	Drill Core	2.78	0.123	16.7	16	1.01	493	0.300	7.17	3.364	2.44	0.9	26.4	39	0.8	12.7	8.2	0.6	1	7
1046793	Drill Core	2.26	0.099	18.6	14	0.80	1114	0.245	7.42	3.458	2.72	0.8	22.2	42	0.8	12.2	9.6	0.8	1	5
1046794	Rock Pulp	0.47	0.114	15.3	67	1.08	76	0.261	7.79	1.490	5.32	14.6	27.9	35	2.4	12.9	2.7	0.1	<1	17
1046795	Drill Core	2.43	0.097	20.6	13	0.79	746	0.215	7.42	3.260	3.20	1.1	24.2	46	0.5	13.1	9.8	0.9	2	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	G6Gr
Analyte		S	Rb	Hf	Au
Unit		%	ppm	ppm	gm/t
MDL		0.1	0.1	0.1	0.9
1046766	Drill Core	1.1	54.6	0.5	
1046767	Drill Core	1.2	56.3	0.6	
1046768	Drill Core	1.0	53.6	0.6	
1046769	Drill Core	1.4	56.0	0.6	
1046770	Drill Core	0.6	49.6	0.8	
1046771	Drill Core	1.7	47.1	0.8	
1046772	Drill Core	0.8	63.4	0.7	
1046773	Drill Core	1.2	66.2	0.6	
1046774	Drill Core	0.8	62.0	0.7	
1046775	Rock	<0.1	0.3	<0.1	
1046776	Drill Core	0.8	64.9	0.7	
1046777	Rock Pulp	2.0	106.1	0.8	
1046778	Drill Core	0.4	68.3	0.6	
1046779	Drill Core	0.7	88.1	0.6	
1046780	Drill Core	0.9	141.2	0.6	
1046781	Drill Core	0.6	169.9	0.6	
1046782	Drill Core	0.7	176.5	0.5	
1046783	Drill Core	0.7	198.0	0.4	
1046784	Drill Core	0.3	151.1	0.5	
1046785	Drill Core	1.1	178.3	0.5	7.3
1046786	Drill Core	0.4	151.0	0.8	
1046787	Drill Core	0.1	100.2	1.0	
1046788	Drill Core	0.2	81.1	0.8	
1046789	Drill Core	<0.1	62.8	0.8	
1046790	Drill Core	<0.1	72.6	1.0	
1046791	Drill Core	<0.1	85.2	0.8	
1046792	Drill Core	0.4	63.3	1.0	
1046793	Drill Core	0.3	77.5	1.0	
1046794	Rock Pulp	2.0	172.7	0.8	
1046795	Drill Core	0.4	84.6	1.0	



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QUALITY CONTROL REPORT

SMI11000693.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Pulp Duplicates																				
REP G1	QC	<0.005																		
1046700	Drill Core	6.42	0.026	184.2	992.0	60.6	125	0.8	7.8	31.0	554	4.02	249	1.5	<0.1	4.3	532	0.8	6.0	<0.1
REP 1046700	QC			192.2	1007	57.8	119	0.8	7.9	32.3	563	4.07	262	1.4	<0.1	3.9	508	0.8	6.0	<0.1
1046710	Drill Core	7.26	0.014	218.4	1176	25.7	78	0.9	8.9	27.3	326	3.88	161	2.0	<0.1	4.9	811	0.5	9.9	0.2
REP 1046710	QC			269.8	1176	21.9	77	0.9	8.8	26.7	330	3.91	162	1.9	<0.1	4.6	822	0.7	9.7	0.1
1046731	Drill Core	6.60	0.018	76.5	882.7	11.6	29	0.6	9.8	16.1	223	1.81	10	1.6	<0.1	5.7	1392	0.1	0.3	<0.1
REP 1046731	QC	0.028																		
1046753	Drill Core	6.99	0.036	74.2	1810	23.0	76	1.5	10.1	25.1	769	2.71	120	1.1	<0.1	4.2	616	0.3	9.5	0.3
REP 1046753	QC	0.036																		
1046771	Drill Core	7.35	0.108	86.5	1542	99.7	591	1.5	8.0	15.0	868	3.57	3	1.3	<0.1	3.6	654	4.9	0.5	0.4
REP 1046771	QC			90.5	1578	93.4	613	1.4	8.2	15.8	867	3.60	4	1.4	0.1	3.8	678	5.2	0.6	0.4
1046785	Drill Core	6.78	>10	9.4	2706	79.1	276	7.2	10.8	13.8	>10000	7.50	125	1.0	2.4	3.9	153	1.0	23.3	5.0
REP 1046785	QC			9.0	2836	82.2	292	8.4	11.2	14.5	>10000	7.64	135	1.0	3.1	4.4	151	1.1	23.5	5.9
1046793	Drill Core	6.84	0.008	5.1	479.4	9.1	63	0.3	6.4	8.7	923	3.27	2	2.5	<0.1	8.3	568	0.2	0.2	0.1
REP 1046793	QC	0.010																		
Core Reject Duplicates																				
1046678	Drill Core	6.85	0.020	60.0	673.5	37.1	93	0.5	7.3	16.2	642	2.55	217	1.0	<0.1	5.3	341	0.5	4.2	0.1
DUP 1046678	QC	0.021		62.9	670.4	35.4	85	0.5	6.7	16.6	665	2.73	210	1.0	<0.1	5.8	345	0.6	4.0	0.1
1046713	Drill Core	7.31	0.022	82.3	1412	17.5	73	0.7	6.3	35.8	283	2.98	305	1.3	<0.1	5.1	330	0.3	3.7	<0.1
DUP 1046713	QC	0.021		85.6	1440	18.4	77	0.7	7.2	36.8	288	3.02	315	1.3	<0.1	5.3	343	0.3	3.7	<0.1
1046748	Drill Core	3.37	0.063	142.0	2045	1060	634	4.3	11.8	16.9	1452	2.38	34	1.4	0.1	4.2	788	4.3	30.6	0.2
DUP 1046748	QC	0.065		142.0	2188	1024	671	6.6	12.5	18.8	1344	2.26	33	1.5	2.2	4.2	831	4.8	33.7	0.2
1046783	Drill Core	6.26	0.107	186.4	2634	730.9	1252	9.1	7.1	9.1	8072	2.69	277	1.3	0.2	5.6	160	10.4	136.8	1.0
DUP 1046783	QC	0.142		192.9	2587	715.9	1264	8.7	7.0	9.2	8074	2.67	283	1.3	0.1	5.5	162	11.0	144.0	1.0
Reference Materials																				
STD OREAS24P	Standard			1.6	51.6	4.0	119	0.1	140.4	44.9	1076	7.38	5	0.6	<0.1	2.7	413	0.1	0.2	<0.1
STD OREAS24P	Standard			1.1	49.9	3.2	114	<0.1	134.8	44.1	1026	7.15	5	0.7	<0.1	3.2	346	<0.1	<0.1	<0.1
STD OREAS24P	Standard			1.9	49.5	3.0	124	<0.1	143.6	46.4	1155	7.48	4	0.8	<0.1	3.2	406	0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC																				
1046700	Drill Core	1.87	0.097	16.7	5	0.86	53	0.064	6.51	0.478	2.72	0.6	22.3	37	0.7	7.8	1.2	<0.1	1	5	82.6
REP 1046700	QC	1.87	0.095	15.3	5	0.86	55	0.058	6.78	0.490	2.75	0.5	22.5	36	0.7	7.8	1.1	<0.1	1	5	87.9
1046710	Drill Core	2.37	0.137	13.8	8	0.89	55	0.136	7.45	0.954	2.65	0.3	38.9	31	0.8	9.3	1.9	0.1	<1	6	222.8
REP 1046710	QC	2.38	0.137	13.6	7	0.89	67	0.139	7.37	0.948	2.75	0.4	38.3	30	0.9	8.9	1.8	0.1	<1	6	222.5
1046731	Drill Core	2.68	0.093	17.0	15	0.91	276	0.166	7.33	2.663	1.62	0.4	26.4	36	0.7	9.8	1.5	0.1	1	7	43.3
REP 1046731	QC																				
1046753	Drill Core	2.48	0.108	13.3	17	0.98	169	0.171	6.90	1.894	2.54	2.5	25.2	34	1.9	8.9	1.8	0.1	2	6	55.9
REP 1046753	QC																				
1046771	Drill Core	2.80	0.118	12.2	17	0.83	160	0.263	6.83	2.886	2.11	0.6	24.8	30	1.0	10.6	7.6	0.4	1	5	12.4
REP 1046771	QC	2.82	0.114	12.9	16	0.86	161	0.275	7.00	3.012	2.21	0.7	26.2	31	1.2	11.0	8.1	0.5	<1	6	11.6
1046785	Drill Core	1.43	0.084	11.5	11	0.74	124	0.192	6.78	0.101	3.69	5.9	12.2	27	1.0	9.4	3.9	0.3	2	6	17.9
REP 1046785	QC	1.46	0.088	12.4	11	0.76	206	0.176	7.14	0.103	4.16	6.3	12.5	29	1.0	10.0	3.9	0.3	1	6	18.7
1046793	Drill Core	2.26	0.099	18.6	14	0.80	1114	0.245	7.42	3.458	2.72	0.8	22.2	42	0.8	12.2	9.6	0.8	1	5	6.4
REP 1046793	QC																				
Core Reject Duplicates																					
1046678	Drill Core	1.37	0.087	12.4	7	0.85	62	0.073	6.78	1.443	2.22	0.5	11.6	27	1.2	7.0	1.9	0.1	1	4	184.7
DUP 1046678	QC	1.56	0.086	14.0	7	0.86	101	0.070	7.85	1.465	2.26	0.5	12.1	30	1.3	7.3	1.9	0.1	1	4	183.8
1046713	Drill Core	1.56	0.074	19.0	3	0.63	55	0.055	7.07	1.770	2.59	0.5	11.2	37	0.6	7.6	0.9	<0.1	1	3	61.4
DUP 1046713	QC	1.58	0.075	19.2	5	0.65	55	0.059	7.27	1.780	2.63	0.5	11.3	39	0.8	7.6	1.0	<0.1	1	3	62.8
1046748	Drill Core	2.87	0.099	17.0	17	0.95	175	0.153	6.44	1.523	2.81	0.9	25.6	38	1.1	8.6	1.6	0.1	1	6	24.4
DUP 1046748	QC	2.85	0.100	16.9	17	0.95	140	0.159	6.39	1.527	2.75	0.8	26.5	38	0.9	9.0	1.8	0.1	1	6	24.7
1046783	Drill Core	1.33	0.108	26.9	11	0.61	267	0.222	7.57	0.072	3.85	7.3	13.1	53	0.8	11.1	6.8	0.5	1	6	38.7
DUP 1046783	QC	1.31	0.107	26.3	10	0.61	317	0.212	7.57	0.073	3.38	7.0	13.4	53	0.8	11.1	6.9	0.5	2	6	37.3
Reference Materials																					
STD OREAS24P	Standard	5.92	0.135	17.1	186	4.06	286	1.052	7.62	2.331	0.69	0.4	135.4	38	1.5	21.6	18.8	1.1	1	20	8.3
STD OREAS24P	Standard	5.21	0.128	19.7	186	3.92	281	0.988	7.57	2.460	0.64	0.4	130.0	37	1.6	21.0	18.9	1.1	1	19	7.2
STD OREAS24P	Standard	6.01	0.140	20.6	197	4.05	314	1.185	7.90	2.389	0.69	0.5	139.8	38	1.8	22.1	20.0	1.2	1	20	8.0



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Project: Poplar Drilling

Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000693.1

Method		1EX	1EX	1EX	G6Gr
Analyte		S	Rb	Hf	Au
Unit		%	ppm	ppm	gm/t
MDL		0.1	0.1	0.1	0.9
Pulp Duplicates					
REP G1	QC				
1046700	Drill Core	4.0	63.7	0.7	
REP 1046700	QC	4.0	62.4	0.7	
1046710	Drill Core	3.2	56.1	1.2	
REP 1046710	QC	3.2	61.0	1.3	
1046731	Drill Core	1.3	54.0	0.9	
REP 1046731	QC				
1046753	Drill Core	1.5	78.7	0.9	
REP 1046753	QC				
1046771	Drill Core	1.7	47.1	0.8	
REP 1046771	QC	1.7	48.6	0.9	
1046785	Drill Core	1.1	178.3	0.5	7.3
REP 1046785	QC	1.2	184.0	0.5	
1046793	Drill Core	0.3	77.5	1.0	
REP 1046793	QC				
Core Reject Duplicates					
1046678	Drill Core	2.4	61.0	0.5	
DUP 1046678	QC	2.4	62.7	0.4	
1046713	Drill Core	2.5	70.2	0.4	
DUP 1046713	QC	2.6	72.6	0.4	
1046748	Drill Core	1.4	72.9	0.9	
DUP 1046748	QC	1.5	71.1	0.8	
1046783	Drill Core	0.7	198.0	0.4	
DUP 1046783	QC	0.7	184.3	0.4	
Reference Materials					
STD OREAS24P	Standard	<0.1	21.5	3.4	
STD OREAS24P	Standard	<0.1	22.1	3.4	
STD OREAS24P	Standard	<0.1	22.3	3.7	



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QUALITY CONTROL REPORT

SMI11000693.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.4	57.9	3.3	118	<0.1	151.2	49.9	1148	7.72	4	0.7	<0.1	3.0	410	<0.1	0.5	<0.1
STD OREAS45C	Standard			2.1	620.0	24.0	87	0.3	333.7	99.2	1071	17.56	10	2.1	<0.1	10.0	30	0.1	0.9	0.2
STD OREAS45C	Standard			2.2	620.2	27.5	88	0.2	325.3	104.9	1105	18.05	11	2.6	<0.1	12.2	35	0.1	0.7	0.2
STD OREAS45C	Standard			2.1	644.3	25.9	88	0.3	331.0	104.9	1185	18.15	11	2.4	<0.1	11.6	42	0.1	0.7	0.2
STD OREAS45C	Standard			2.2	617.3	24.3	77	0.2	346.5	108.4	1181	18.32	11	2.3	<0.1	11.1	39	0.2	0.8	0.2
STD OXH82	Standard		1.307																	
STD OXH82	Standard		1.347																	
STD OXH82	Standard		1.367																	
STD OXH82	Standard		1.343																	
STD OXK79	Standard		3.284																	
STD OXK79	Standard		3.638																	
STD OXK79	Standard		3.744																	
STD OXK79	Standard		3.855																	
STD SP49	Standard																			
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD SP49 Expected																				
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1



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QUALITY CONTROL REPORT

SMI11000693.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	6.25	0.133	20.3	217	4.12	288	1.054	7.71	2.544	0.67	0.4	142.4	41	1.7	25.2	20.0	1.1	2	21	8.2
STD OREAS45C	Standard	0.47	0.052	24.9	919	0.25	278	1.196	7.29	0.101	0.38	1.0	169.7	52	2.7	12.7	22.3	1.4	<1	59	15.1
STD OREAS45C	Standard	0.48	0.049	28.7	962	0.27	304	1.122	7.30	0.104	0.36	1.1	169.1	52	3.6	12.6	23.4	1.5	1	58	15.6
STD OREAS45C	Standard	0.51	0.055	27.3	983	0.28	286	1.098	7.44	0.105	0.37	1.1	174.2	51	3.0	12.6	22.8	1.4	<1	61	17.5
STD OREAS45C	Standard	0.48	0.051	25.8	908	0.28	277	1.042	7.41	0.112	0.32	1.0	172.7	53	2.9	13.8	22.9	1.5	<1	63	15.0
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SP49	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD SP49 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000693.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6Gr Au gm/t 0.9
STD OREAS24P	Standard	<0.1	25.6	3.6	
STD OREAS45C	Standard	<0.1	24.5	4.0	
STD OREAS45C	Standard	<0.1	24.6	4.7	
STD OREAS45C	Standard	<0.1	24.4	4.1	
STD OREAS45C	Standard	<0.1	25.3	4.4	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SP49	Standard				18.2
STD OXH82 Expected					
STD OXK79 Expected					
STD SP49 Expected					18.34
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				<0.9
BLK	Blank	<0.1	<0.1	<0.1	



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Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000693.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
Prep Wash																				
G1	Prep Blank		<0.005	<0.1	3.2	20.2	50	<0.1	3.2	4.4	729	2.42	<1	3.1	<0.1	8.2	718	<0.1	<0.1	0.2
G1	Prep Blank			<0.1	3.4	22.7	57	<0.1	3.8	4.8	802	2.46	<1	3.3	<0.1	9.5	778	<0.1	<0.1	0.1
G1	Prep Blank		<0.005																	



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QUALITY CONTROL REPORT

SMI11000693.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	0.006	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.074	23.3	5	0.56	970	0.248	7.09	2.793	3.19	0.1	11.4	45	1.3	13.0	23.2	1.4	3	5	35.9
G1	Prep Blank	2.39	0.083	27.5	6	0.57	1095	0.277	7.34	2.706	2.87	0.1	13.0	56	1.8	15.1	26.4	1.6	3	5	38.3
G1	Prep Blank																				



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QUALITY CONTROL REPORT

SMI11000693.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	G6Gr Au gm/t
		0.1	0.1	0.1	0.9
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
Prep Wash					
G1	Prep Blank	<0.1	113.8	0.6	
G1	Prep Blank	<0.1	124.5	0.8	
G1	Prep Blank				



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 17, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000693P.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_17
P.O. Number
Number of Samples: 16

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	16	Pulverize to 85% passing 200 mesh			VAN
G601	16	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	16	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI11000693P.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1046775	Rock	<0.005	0.2	2.7	1.0	13	<0.1	2.8	1.0	216	0.47	<1	0.6	<0.1	<0.1	38	<0.1	<0.1	<0.1	<1
1046776	Drill Core	0.139	61.0	3523	230.2	591	1.7	6.5	16.2	690	2.63	216	0.9	0.2	3.8	662	4.7	1.5	0.2	65
1046777	Rock Pulp	0.400	134.8	3804	28.7	68	2.6	40.1	20.9	385	4.58	41	1.3	0.4	2.4	194	0.3	4.3	0.3	204
1046778	Drill Core	0.087	72.4	2718	204.8	705	1.7	7.4	11.4	519	2.34	370	0.9	<0.1	5.4	383	4.9	5.9	0.2	68
1046779	Drill Core	0.137	62.0	2839	85.0	171	1.4	7.8	14.8	677	2.31	128	0.8	0.1	3.7	572	1.1	8.9	0.2	68
1046780	Drill Core	0.137	102.8	3698	28.3	95	3.5	7.9	15.3	2550	2.56	25	1.5	0.1	3.7	501	0.2	2.3	0.8	64
1046781	Drill Core	0.100	71.5	3248	38.0	118	4.7	6.9	12.8	3989	2.48	43	1.1	0.1	4.3	166	0.4	4.9	0.5	66
1046782	Drill Core	0.078	115.3	3010	159.9	387	10.0	7.3	12.3	5266	2.61	235	1.3	<0.1	5.1	202	3.3	41.3	0.7	70
1046783	Drill Core	0.141	164.3	2663	706.1	1110	11.6	6.3	8.3	7792	2.63	214	1.2	0.1	6.0	149	9.8	134.6	1.1	58
1046784	Drill Core	0.050	22.3	1724	124.9	206	2.9	7.5	9.3	4839	3.81	68	1.0	<0.1	5.4	157	1.1	12.5	0.4	78
1046785	Drill Core	9.593	9.4	2900	88.2	282	11.1	12.0	14.5	>10000	8.01	110	1.1	10.7	4.3	134	1.2	22.5	6.0	116
1046786	Drill Core	0.037	7.7	606.8	51.4	161	1.7	6.3	8.3	8728	3.81	37	1.4	<0.1	5.2	199	0.9	19.2	0.6	70
1046787	Drill Core	0.028	15.4	406.5	19.1	104	0.5	7.1	9.5	1925	3.29	12	1.8	<0.1	6.1	410	0.4	1.7	0.1	75
1046788	Drill Core	0.008	9.4	496.2	25.4	74	0.7	7.2	9.9	1733	3.32	6	1.6	<0.1	5.5	220	0.2	1.7	0.1	80
1046789	Drill Core	0.008	7.0	273.4	12.3	69	0.3	7.4	9.4	1905	3.75	5	1.5	<0.1	4.9	272	<0.1	0.9	0.1	76
1046790	Drill Core	0.007	6.8	234.9	13.0	65	0.3	7.4	8.7	1800	3.65	5	1.4	<0.1	5.0	212	<0.1	1.1	0.2	78



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880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI11000693P.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1046775	Rock	0.016	0.4	4	11.78	14	0.002	0.04	0.003	0.01	0.1	0.2	<1	<0.1	0.7	<0.1	<0.1	<1	<1	0.5
1046776	Drill Core	0.109	10.2	17	0.62	1007	0.252	6.18	1.926	2.81	0.8	18.8	23	0.9	8.2	6.8	0.4	1	5	33.1
1046777	Rock Pulp	0.108	13.9	72	1.00	424	0.293	5.36	1.366	4.27	14.2	27.9	26	2.3	9.2	3.2	0.2	<1	12	11.6
1046778	Drill Core	0.118	12.3	18	0.50	1029	0.256	6.37	1.577	3.00	2.5	18.6	26	0.8	8.1	7.4	0.5	1	5	159.4
1046779	Drill Core	0.109	9.9	17	0.79	1231	0.266	6.16	1.277	2.85	1.8	17.1	22	0.7	7.5	7.0	0.4	2	5	131.9
1046780	Drill Core	0.113	13.9	17	0.76	920	0.239	6.79	1.019	3.49	6.0	18.0	29	0.7	8.6	6.2	0.4	1	5	76.4
1046781	Drill Core	0.115	15.2	14	0.79	865	0.252	6.80	0.108	3.56	3.8	17.1	31	1.0	9.2	6.8	0.4	1	5	95.5
1046782	Drill Core	0.126	20.3	14	0.73	941	0.263	7.75	0.067	3.06	7.7	16.3	38	1.1	10.3	7.6	0.5	1	6	56.6
1046783	Drill Core	0.110	25.9	13	0.59	813	0.212	7.33	0.064	3.34	6.8	13.0	47	1.2	9.7	6.4	0.5	1	5	39.0
1046784	Drill Core	0.127	15.9	13	0.84	883	0.226	7.93	0.157	3.46	3.7	13.9	32	0.9	10.9	6.4	0.5	2	6	83.6
1046785	Drill Core	0.085	12.0	15	0.77	182	0.202	7.27	0.107	4.06	6.7	11.8	26	1.3	9.0	3.8	0.3	<1	6	19.1
1046786	Drill Core	0.133	14.8	13	0.90	881	0.231	7.52	0.650	3.20	3.6	21.7	34	1.1	10.5	6.7	0.5	2	6	73.4
1046787	Drill Core	0.130	15.2	12	0.87	1223	0.261	7.60	1.549	2.40	1.7	24.7	34	0.9	10.5	7.4	0.5	1	6	47.1
1046788	Drill Core	0.141	16.5	13	0.83	1136	0.284	8.08	1.236	2.79	1.4	22.7	37	1.0	11.4	8.0	0.6	1	7	45.1
1046789	Drill Core	0.127	13.7	14	0.99	1626	0.261	7.32	1.589	2.55	1.3	21.5	30	0.9	11.1	7.6	0.5	1	6	36.6
1046790	Drill Core	0.125	12.4	12	0.90	1095	0.274	7.34	1.645	2.35	1.2	21.5	28	1.0	10.4	7.8	0.5	2	7	35.6



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Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000693P.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
1046775	Rock	0.7	<0.1
1046776	Drill Core	50.5	0.7
1046777	Rock Pulp	103.4	0.8
1046778	Drill Core	72.6	0.7
1046779	Drill Core	50.6	0.6
1046780	Drill Core	89.8	0.6
1046781	Drill Core	84.9	0.6
1046782	Drill Core	105.4	0.5
1046783	Drill Core	155.4	0.4
1046784	Drill Core	113.3	0.5
1046785	Drill Core	155.2	0.4
1046786	Drill Core	100.6	0.7
1046787	Drill Core	63.0	0.9
1046788	Drill Core	70.1	0.7
1046789	Drill Core	57.2	0.8
1046790	Drill Core	52.7	0.8



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QUALITY CONTROL REPORT

SMI11000693P.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																				
1046781	Drill Core	0.100	71.5	3248	38.0	118	4.7	6.9	12.8	3989	2.48	43	1.1	0.1	4.3	166	0.4	4.9	0.5	66
REP 1046781	QC		76.7	3391	37.5	122	4.5	6.3	12.6	3934	2.59	45	1.0	<0.1	3.9	172	0.5	4.9	0.5	67
1046790	Drill Core	0.007	6.8	234.9	13.0	65	0.3	7.4	8.7	1800	3.65	5	1.4	<0.1	5.0	212	<0.1	1.1	0.2	78
REP 1046790	QC	0.008																		
Reference Materials																				
STD OREAS24P	Standard		1.9	57.0	3.0	113	<0.1	147.9	47.1	1108	7.43	1	0.7	<0.1	3.0	370	<0.1	<0.1	<0.1	169
STD OREAS24P	Standard		1.9	58.5	3.0	118	<0.1	144.1	45.4	1150	7.50	<1	0.7	<0.1	3.1	390	<0.1	0.1	<0.1	169
STD OREAS45C	Standard		2.3	624.7	25.9	90	0.3	331.4	104.5	1170	17.46	11	2.5	<0.1	11.1	33	0.2	0.8	0.2	273
STD OREAS45C	Standard		2.4	619.0	25.7	83	0.3	342.5	100.6	1175	17.33	11	2.4	<0.1	11.4	28	<0.1	0.9	0.1	280
STD OXH82	Standard	1.289																		
STD OXH82	Standard	1.376																		
STD OXK79	Standard	3.459																		
STD OXK79	Standard	3.758																		
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
STD OXH82 Expected		1.278																		
STD OXK79 Expected		3.532																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	1.0	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	0.01
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		



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Project: Poplar Drilling

Report Date: February 17, 2012

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI11000693P.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Pulp Duplicates																					
1046781	Drill Core	0.115	15.2	14	0.79	865	0.252	6.80	0.108	3.56	3.8	17.1	31	1.0	9.2	6.8	0.4	1	5	95.5	0.6
REP 1046781	QC	0.113	12.8	14	0.79	816	0.248	6.48	0.107	3.23	3.7	17.0	27	0.8	8.9	6.9	0.4	1	5	91.5	0.7
1046790	Drill Core	0.125	12.4	12	0.90	1095	0.274	7.34	1.645	2.35	1.2	21.5	28	1.0	10.4	7.8	0.5	2	7	35.6	<0.1
REP 1046790	QC																				
Reference Materials																					
STD OREAS24P	Standard	0.131	18.6	216	4.02	274	1.119	7.72	2.480	0.67	0.4	134.2	36	1.3	20.7	19.6	1.1	1	19	8.3	<0.1
STD OREAS24P	Standard	0.134	19.0	218	4.12	284	1.140	7.96	2.527	0.69	0.4	138.8	38	1.7	21.9	19.7	1.1	1	21	8.0	<0.1
STD OREAS45C	Standard	0.050	24.5	1024	0.21	276	1.206	7.32	0.104	0.34	1.1	161.4	47	2.6	11.0	23.1	1.5	<1	54	17.4	<0.1
STD OREAS45C	Standard	0.048	26.9	963	0.24	283	1.205	7.42	0.105	0.36	1.1	162.3	52	2.7	11.9	22.0	1.5	<1	60	16.5	<0.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7	
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69	0.021
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	4	<0.01	1	<0.001	0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	3	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: February 17, 2012

Page: 1 of 1 **Part** 3

QUALITY CONTROL REPORT

SMI11000693P.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
Pulp Duplicates			
1046781	Drill Core	84.9	0.6
REP 1046781	QC	72.3	0.6
1046790	Drill Core	52.7	0.8
REP 1046790	QC		
Reference Materials			
STD OREAS24P	Standard	20.5	3.4
STD OREAS24P	Standard	22.0	3.5
STD OREAS45C	Standard	20.0	4.4
STD OREAS45C	Standard	23.1	4.3
STD OXH82	Standard		
STD OXH82	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OREAS24P Expected		22.4	3.6
STD OREAS45C Expected		24	4.27
STD OXH82 Expected			
STD OXK79 Expected			
BLK	Blank		
BLK	Blank		
BLK	Blank	0.2	<0.1
BLK	Blank	0.1	<0.1
BLK	Blank		
BLK	Blank		



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: December 20, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000694.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_18
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 20, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046796	Drill Core	6.53	0.009	7.1	503.0	16.3	51	0.5	6.6	9.1	431	2.89	5	2.5	<0.1	8.9	487	0.2	0.3	0.3
1046797	Drill Core	7.17	0.006	10.0	353.6	7.3	57	0.2	7.4	9.5	686	2.95	37	1.5	<0.1	4.8	647	0.2	31.5	0.1
1046798	Drill Core	6.70	0.022	4.0	908.6	20.0	114	0.8	7.9	9.8	501	2.94	13	2.0	<0.1	6.2	685	0.5	2.7	0.2
1046799	Drill Core	7.56	0.922	3.0	601.8	30.9	318	2.6	8.4	9.7	711	3.66	34	2.1	0.6	6.7	675	2.0	11.5	0.2
1046800	Rock	0.50	<0.005	0.3	4.6	0.3	2	<0.1	<0.1	<0.2	34	<0.01	18	1.3	<0.1	<0.1	4241	<0.1	<0.1	<0.1
1046801	Drill Core	6.84	0.020	4.9	899.9	12.5	130	0.5	7.9	9.8	550	2.98	33	2.3	0.1	7.9	920	0.7	4.4	0.2
1046802	Drill Core	6.78	<0.005	3.7	480.5	12.1	73	0.3	7.7	7.3	540	3.41	6	1.9	<0.1	6.5	669	0.2	2.1	0.1
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1
1046804	Drill Core	6.27	0.011	6.2	940.9	11.6	56	0.6	8.9	7.2	586	3.67	3	1.8	<0.1	6.7	505	<0.1	0.4	0.2
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1
1046806	Drill Core	7.55	0.010	6.2	351.7	17.7	196	0.3	9.5	10.6	1850	4.03	9	1.6	<0.1	5.3	582	1.0	1.2	0.2
1046807	Drill Core	7.02	0.011	5.9	865.6	13.7	108	1.5	9.4	8.3	579	3.06	92	2.0	<0.1	5.9	747	0.9	73.3	0.1
1046808	Drill Core	3.30	0.012	4.4	608.4	12.3	92	12.6	9.4	11.5	631	3.31	69	1.9	<0.1	5.4	794	0.8	63.7	0.2
1046809	Drill Core	7.14	<0.005	3.6	253.5	9.5	45	0.3	9.0	7.9	452	3.37	5	1.9	<0.1	5.6	591	<0.1	0.3	0.2
1046810	Drill Core	7.11	<0.005	2.3	430.6	8.0	41	0.2	9.7	10.0	498	3.43	5	2.1	<0.1	6.1	602	0.1	0.1	<0.1
1046811	Drill Core	7.11	<0.005	5.6	598.3	7.9	40	0.2	8.6	8.3	425	3.27	10	2.2	<0.1	5.9	653	<0.1	2.0	0.1
1046812	Drill Core	6.92	<0.005	2.5	195.7	8.7	46	0.1	8.7	10.0	568	3.18	6	2.1	<0.1	5.8	665	<0.1	0.6	<0.1
1046813	Drill Core	7.01	<0.005	3.3	338.0	8.6	46	0.1	9.6	10.3	556	3.33	5	2.5	<0.1	5.9	661	0.2	<0.1	<0.1
1046814	Rock Pulp	0.15	0.410	154.5	3844	28.0	71	2.5	39.9	22.1	409	4.93	44	1.1	0.4	2.5	226	0.3	4.3	0.4
1046815	Drill Core	7.27	<0.005	4.5	194.6	9.5	57	0.1	8.5	8.2	623	3.28	5	2.4	<0.1	5.6	632	0.1	0.2	0.1
1046816	Drill Core	5.94	0.011	4.7	491.1	9.6	52	0.3	12.8	8.3	567	3.98	4	2.3	<0.1	5.4	558	<0.1	0.4	0.3
1046817	Drill Core	6.41	0.006	3.3	242.4	8.4	49	0.2	7.8	8.2	648	3.16	19	2.4	<0.1	5.7	617	0.1	5.4	<0.1
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1
1046819	Drill Core	7.13	<0.005	1.4	30.2	12.4	80	0.3	16.4	12.5	932	3.38	12	1.9	<0.1	4.3	504	0.2	1.9	0.2
1046820	Drill Core	6.98	<0.005	1.4	21.3	8.7	60	<0.1	15.7	11.7	862	3.48	8	1.8	<0.1	4.7	1079	<0.1	1.8	0.1
1046821	Drill Core	5.81	<0.005	1.5	29.1	11.9	73	<0.1	16.2	12.0	778	3.46	8	1.7	<0.1	4.6	800	0.2	1.7	0.2
1046822	Drill Core	6.69	0.007	2.6	185.8	9.2	65	0.2	8.8	12.6	368	3.58	4	1.1	<0.1	2.9	403	0.2	0.6	0.4
1046823	Rock Pulp	0.16	0.442	154.5	3852	27.3	69	2.4	40.2	22.3	417	4.82	45	1.2	0.4	2.6	230	0.4	4.3	0.4
1046824	Drill Core	6.99	0.012	7.6	149.1	10.9	72	0.2	9.0	17.1	271	4.68	4	1.1	<0.1	2.9	1696	0.3	0.7	0.5
1046825	Drill Core	7.23	0.009	1.9	112.8	24.7	108	0.5	8.4	13.3	392	4.14	6	1.2	<0.1	2.9	405	0.4	0.9	0.4



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046796	Drill Core	2.30	0.105	15.0	12	0.70	995	0.233	7.22	2.964	3.09	0.6	22.0	29	0.7	10.4	8.2	0.6	1	5
1046797	Drill Core	3.46	0.123	11.6	8	0.96	1011	0.272	7.10	1.422	2.63	1.1	18.7	26	0.6	9.2	7.7	0.5	2	6
1046798	Drill Core	2.89	0.140	20.3	12	0.86	1116	0.280	7.86	2.841	2.88	0.5	18.5	41	0.7	12.4	7.6	0.5	1	6
1046799	Drill Core	2.69	0.133	18.2	9	0.86	1155	0.272	7.53	2.556	2.87	1.0	17.2	36	0.6	12.5	7.8	0.5	<1	6
1046800	Rock	36.86	0.004	0.6	<1	1.92	11	0.002	0.07	0.008	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046801	Drill Core	3.39	0.141	17.8	8	0.90	1287	0.276	7.39	2.166	2.95	0.5	19.8	37	0.6	12.0	8.6	0.6	2	6
1046802	Drill Core	2.69	0.128	16.4	11	0.82	1238	0.275	7.63	2.755	2.73	0.6	17.8	35	0.7	11.6	7.9	0.6	<1	6
1046803	Drill Core	2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1	7
1046804	Drill Core	2.76	0.134	16.7	12	1.05	1089	0.250	7.25	2.632	2.86	0.5	15.8	35	0.7	14.9	6.5	0.4	<1	7
1046805	Drill Core	2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1	7
1046806	Drill Core	3.06	0.150	17.6	12	1.17	1048	0.299	7.42	2.280	2.61	1.1	19.8	37	0.8	13.3	7.7	0.5	1	7
1046807	Drill Core	2.47	0.118	14.5	10	0.83	1075	0.259	7.47	2.289	2.83	1.0	24.1	29	0.8	10.4	7.3	0.5	1	4
1046808	Drill Core	2.64	0.122	12.9	11	0.87	1075	0.254	7.38	2.394	2.72	0.9	22.9	28	0.7	10.2	6.9	0.5	1	6
1046809	Drill Core	2.45	0.119	13.6	14	0.90	1101	0.264	7.74	3.060	2.79	0.6	24.2	28	0.7	10.7	7.3	0.5	1	6
1046810	Drill Core	2.44	0.120	16.3	12	0.99	1175	0.291	7.96	3.387	2.71	0.5	23.4	34	0.9	11.3	8.0	0.5	1	7
1046811	Drill Core	2.34	0.117	15.7	13	0.86	1193	0.277	7.63	2.944	2.90	0.8	24.8	32	0.7	10.4	7.9	0.5	1	6
1046812	Drill Core	2.50	0.123	16.0	12	0.92	1167	0.274	7.84	3.155	2.75	0.5	25.2	32	0.7	11.6	7.8	0.5	1	6
1046813	Drill Core	2.47	0.124	16.5	15	0.95	1265	0.303	7.84	3.562	2.80	0.6	26.7	34	0.6	11.4	8.5	0.6	1	6
1046814	Rock Pulp	0.41	0.114	15.2	65	1.05	149	0.298	7.69	1.516	6.10	14.7	27.2	30	2.4	12.0	2.8	0.2	1	16
1046815	Drill Core	2.44	0.119	15.9	10	0.91	1210	0.283	7.61	3.320	2.80	1.1	26.5	32	0.8	10.9	8.1	0.5	1	6
1046816	Drill Core	2.56	0.137	15.7	20	1.07	1101	0.292	7.73	2.987	2.73	0.9	31.9	33	1.3	11.0	7.4	0.4	1	7
1046817	Drill Core	2.68	0.116	16.9	11	0.88	1244	0.265	7.63	2.780	2.84	0.6	24.4	33	0.7	10.6	7.3	0.5	1	6
1046818	Drill Core	2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1	7
1046819	Drill Core	3.49	0.141	14.8	23	1.13	1226	0.351	7.45	1.870	2.63	0.5	70.3	31	0.7	10.2	8.6	0.5	<1	7
1046820	Drill Core	3.50	0.145	16.3	24	1.20	1147	0.372	7.75	2.412	2.56	0.6	73.8	34	0.7	10.7	9.1	0.6	1	7
1046821	Drill Core	3.46	0.146	16.0	24	1.19	1284	0.379	7.76	2.369	2.60	0.5	72.7	34	0.7	10.6	9.0	0.6	1	7
1046822	Drill Core	2.93	0.167	11.1	14	0.93	70	0.218	7.90	2.163	1.58	0.3	41.7	26	1.5	9.0	3.1	0.2	1	8
1046823	Rock Pulp	0.41	0.114	16.1	64	1.06	177	0.304	7.59	1.520	5.72	12.5	27.0	31	2.4	12.1	2.9	0.2	1	16
1046824	Drill Core	2.68	0.150	10.5	12	0.98	50	0.208	7.43	1.911	1.50	0.3	33.0	24	1.1	9.5	2.5	0.1	1	7
1046825	Drill Core	3.03	0.146	11.5	14	1.06	67	0.245	7.40	1.790	1.56	0.3	30.7	25	1.1	9.2	3.4	0.2	1	8



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046796	Drill Core	0.4	71.9	0.8
1046797	Drill Core	0.2	47.0	0.7
1046798	Drill Core	0.6	68.2	0.7
1046799	Drill Core	0.5	75.7	0.6
1046800	Rock	<0.1	0.4	<0.1
1046801	Drill Core	0.4	70.1	0.7
1046802	Drill Core	0.3	66.2	0.6
1046803	Drill Core	0.3	66.5	0.7
1046804	Drill Core	0.4	65.1	0.6
1046805	Drill Core	0.6	62.8	0.4
1046806	Drill Core	0.2	80.6	0.8
1046807	Drill Core	0.3	71.4	0.9
1046808	Drill Core	0.3	66.2	0.8
1046809	Drill Core	0.2	59.7	0.8
1046810	Drill Core	0.3	58.8	0.8
1046811	Drill Core	0.3	70.0	0.8
1046812	Drill Core	0.3	66.2	0.9
1046813	Drill Core	0.3	65.8	1.0
1046814	Rock Pulp	2.2	141.4	0.7
1046815	Drill Core	0.2	66.0	0.9
1046816	Drill Core	0.3	77.1	1.0
1046817	Drill Core	0.2	73.5	0.9
1046818	Drill Core	0.2	75.9	1.0
1046819	Drill Core	0.1	67.7	1.9
1046820	Drill Core	<0.1	68.4	2.1
1046821	Drill Core	0.2	69.6	2.0
1046822	Drill Core	2.5	44.9	1.1
1046823	Rock Pulp	2.1	137.5	0.7
1046824	Drill Core	3.7	41.2	0.9
1046825	Drill Core	2.5	49.1	0.8



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046826	Drill Core	7.10	0.010	2.5	135.7	17.4	92	0.4	8.0	14.1	453	4.23	5	1.4	<0.1	3.0	371	0.3	0.9	0.4
1046827	Drill Core	8.04	0.012	2.4	170.9	9.4	65	0.2	7.6	11.8	320	3.79	4	1.2	<0.1	3.1	326	<0.1	1.1	0.3
1046828	Rock	0.49	<0.005	0.1	<0.1	0.5	<1	<0.1	<0.1	<0.2	24	<0.01	17	1.3	<0.1	<0.1	3785	<0.1	<0.1	<0.1
1046829	Drill Core	7.13	0.009	3.0	149.8	58.5	205	0.9	7.5	11.9	877	3.92	4	1.6	<0.1	3.3	504	1.2	1.7	0.8
1046830	Drill Core	7.16	0.025	4.7	319.3	156.9	611	4.6	8.1	11.7	1232	4.12	19	1.9	<0.1	3.6	613	3.8	6.9	1.4
1046831	Drill Core	6.69	0.022	6.5	308.1	222.3	614	3.6	7.2	10.7	1328	3.26	18	2.0	<0.1	3.6	339	4.0	14.4	0.7
1046832	Drill Core	6.20	0.015	6.8	120.6	23.8	74	0.5	8.6	10.1	517	4.26	6	2.8	<0.1	3.3	328	0.3	5.0	1.0
1046833	Drill Core	5.59	0.015	9.6	121.9	41.0	148	1.2	10.9	11.6	479	4.37	7	2.7	<0.1	3.9	319	0.7	4.9	0.8
1046834	Drill Core	4.01	0.014	6.6	127.5	41.1	136	1.1	10.7	11.8	444	4.34	6	2.7	<0.1	4.3	280	0.7	4.2	0.7
1046835	Drill Core	6.46	0.010	8.0	222.8	7.6	44	0.2	7.8	10.3	370	3.46	2	1.9	<0.1	3.8	240	0.2	0.8	0.4
1046836	Drill Core	6.84	0.009	27.7	208.5	14.2	75	0.5	6.2	11.2	451	3.90	6	1.5	<0.1	3.9	416	0.4	3.4	0.5
1046837	Drill Core	6.76	<0.005	7.8	85.9	126.3	457	2.2	6.2	10.7	1001	3.21	9	1.6	<0.1	3.9	1122	2.5	12.7	0.4
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4
1046839	Drill Core	6.10	0.007	23.3	309.9	28.7	114	0.5	6.0	11.8	396	3.67	6	1.6	<0.1	4.2	595	0.6	1.7	0.5
1046840	Drill Core	5.89	0.006	5.8	127.1	15.5	81	0.2	5.4	9.8	335	3.13	3	1.6	<0.1	3.8	674	0.5	0.9	0.3
1046841	Drill Core	4.33	<0.005	4.2	151.4	15.0	87	0.4	6.3	10.1	419	3.05	4	1.8	<0.1	4.0	767	0.4	1.2	0.4
1046842	Drill Core	3.76	0.005	15.1	193.6	45.1	175	1.9	7.0	9.4	734	2.99	17	1.8	<0.1	4.5	634	0.9	6.1	0.5
1046843	Drill Core	5.68	0.009	1.1	28.0	17.2	101	0.3	14.6	11.7	1190	3.14	22	2.0	<0.1	4.3	772	0.2	2.6	0.2
1046844	Drill Core	5.33	0.016	1.8	47.6	28.8	118	0.7	14.6	11.5	1462	2.95	51	2.0	<0.1	4.1	626	0.5	4.3	0.2
1046845	Drill Core	5.64	0.009	23.6	184.0	34.0	134	0.9	5.6	11.8	475	3.56	8	1.3	<0.1	3.6	400	0.6	3.1	0.3
1046846	Rock Pulp	0.16	0.009	652.1	117.9	15.0	87	0.2	16.5	6.3	641	2.68	4	3.1	<0.1	6.1	307	0.5	0.7	0.7
1046847	Drill Core	6.04	0.017	22.7	515.5	15.5	90	0.7	6.0	13.3	422	3.32	4	1.4	<0.1	3.2	553	0.6	0.6	0.3
1046848	Drill Core	4.73	0.019	13.9	634.7	12.7	81	0.3	6.1	16.4	300	2.97	4	1.0	<0.1	3.1	570	0.4	1.3	0.3
1046849	Drill Core	4.00	0.028	6.0	839.4	11.6	67	0.4	6.8	16.7	273	2.75	5	1.2	<0.1	3.4	612	0.4	1.7	0.2
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1
1046851	Drill Core	5.45	0.018	4.9	518.6	22.5	152	0.5	8.3	13.4	422	3.26	4	1.3	<0.1	3.3	503	0.7	0.6	0.4
1046852	Drill Core	7.86	0.044	16.6	769.9	9.8	50	0.4	5.8	15.2	223	4.85	3	0.8	<0.1	2.9	749	0.3	0.5	0.3
1046853	Drill Core	7.13	0.056	5.9	1081	66.4	210	5.6	5.0	12.0	398	4.21	7	0.7	<0.1	2.5	367	1.2	26.2	0.4
1046854	Drill Core	8.19	0.115	55.5	2336	42.7	122	2.3	6.7	16.3	556	3.15	3	0.5	<0.1	2.9	418	0.6	1.6	0.4
1046855	Drill Core	6.03	0.019	14.3	376.0	165.4	348	4.2	1.3	3.8	94	2.51	5	0.4	<0.1	1.1	1048	2.3	8.9	0.6



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		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046826	Drill Core	3.37	0.148	10.6	12	1.05	81	0.235	7.44	1.391	1.66	0.3	27.4	25	1.2	9.0	2.6	0.1	1	7
1046827	Drill Core	2.98	0.145	11.4	13	0.86	68	0.199	7.41	1.569	1.61	0.2	29.0	26	1.6	8.4	2.2	0.1	1	7
1046828	Rock	35.52	0.004	0.3	<1	1.67	9	0.002	0.06	0.004	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046829	Drill Core	2.20	0.142	12.4	10	0.74	101	0.157	7.75	0.285	3.06	0.5	26.6	26	1.2	9.0	2.0	0.2	1	7
1046830	Drill Core	2.57	0.121	12.7	9	0.84	99	0.152	7.24	0.081	2.97	0.9	34.6	27	2.0	9.1	2.8	0.2	<1	6
1046831	Drill Core	2.65	0.134	13.5	7	1.02	186	0.142	7.20	0.260	2.96	0.9	38.2	28	1.6	8.9	2.7	0.2	1	7
1046832	Drill Core	3.18	0.116	12.4	9	0.87	72	0.101	6.82	0.376	2.97	0.4	39.7	26	2.3	9.3	1.6	0.1	2	6
1046833	Drill Core	2.67	0.114	10.3	12	0.80	64	0.128	6.80	0.462	2.77	0.5	60.8	23	2.9	8.9	2.3	0.2	1	7
1046834	Drill Core	2.67	0.106	11.2	13	0.77	56	0.119	6.91	0.464	3.13	0.5	62.7	25	3.1	8.9	2.2	0.1	1	7
1046835	Drill Core	2.75	0.117	11.0	10	0.91	61	0.109	6.97	1.235	2.63	0.4	44.8	25	1.4	8.5	2.2	0.2	1	6
1046836	Drill Core	2.06	0.106	11.3	7	0.83	39	0.104	6.96	1.123	2.73	0.5	33.3	25	1.6	9.1	2.0	0.1	<1	5
1046837	Drill Core	2.09	0.109	11.5	6	0.82	55	0.119	7.08	1.004	3.01	0.5	35.0	26	0.9	8.5	2.4	0.2	1	5
1046838	Drill Core	2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1	5
1046839	Drill Core	2.15	0.109	12.4	7	0.84	40	0.156	7.21	1.575	2.63	0.4	32.7	28	1.4	9.6	3.6	0.2	1	5
1046840	Drill Core	2.96	0.105	9.8	9	0.73	53	0.165	6.98	1.861	2.46	0.3	32.1	22	0.8	8.5	3.7	0.3	1	5
1046841	Drill Core	2.43	0.108	12.8	6	0.85	51	0.152	7.29	1.750	2.34	0.3	30.2	29	0.9	8.6	3.0	0.2	1	4
1046842	Drill Core	2.47	0.108	14.3	8	0.98	73	0.164	7.20	1.262	2.39	0.4	33.3	30	1.0	8.7	3.5	0.3	1	5
1046843	Drill Core	3.65	0.137	13.9	20	1.07	1099	0.366	7.28	1.420	2.87	0.6	71.9	30	0.8	10.6	8.9	0.6	1	7
1046844	Drill Core	3.88	0.140	14.2	20	1.08	1105	0.381	6.99	1.012	2.74	0.7	71.2	31	0.8	10.2	8.8	0.6	1	7
1046845	Drill Core	2.03	0.142	12.8	6	0.97	44	0.159	7.33	1.170	2.67	0.4	29.2	29	2.3	9.4	2.9	0.2	1	6
1046846	Rock Pulp	1.56	0.080	28.3	20	0.54	862	0.254	6.91	1.987	3.55	5.8	22.0	55	6.5	14.5	11.6	0.7	3	5
1046847	Drill Core	3.01	0.139	11.0	9	0.87	44	0.168	7.26	2.249	1.54	0.6	33.0	25	1.2	9.2	3.3	0.2	1	6
1046848	Drill Core	2.92	0.131	9.8	7	0.90	55	0.161	7.11	2.529	1.45	0.5	34.5	23	1.3	8.3	3.0	0.2	<1	5
1046849	Drill Core	3.24	0.135	11.9	8	0.90	55	0.152	7.19	2.502	1.40	0.4	31.0	26	1.8	8.5	2.5	0.1	1	6
1046850	Rock	36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046851	Drill Core	3.73	0.138	10.4	9	0.90	48	0.164	7.09	1.888	1.77	0.5	22.8	24	2.4	9.7	2.6	0.2	1	7
1046852	Drill Core	6.01	0.084	11.1	6	0.55	23	0.103	5.61	0.974	1.70	0.5	13.1	24	2.4	10.1	2.0	0.1	<1	5
1046853	Drill Core	3.05	0.097	7.5	5	0.63	32	0.135	6.20	1.160	2.33	0.3	14.4	18	4.1	7.5	2.7	0.2	<1	6
1046854	Drill Core	2.79	0.102	8.1	11	0.83	57	0.154	6.64	1.538	1.93	0.2	11.8	18	2.5	7.4	2.8	0.2	1	6
1046855	Drill Core	7.15	0.030	6.6	4	0.17	45	0.058	5.21	0.183	2.28	0.8	13.5	14	8.9	5.8	1.0	<0.1	<1	3



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046826	Drill Core	2.9	47.5	0.9
1046827	Drill Core	2.6	48.2	1.0
1046828	Rock	<0.1	0.3	<0.1
1046829	Drill Core	2.8	92.9	0.9
1046830	Drill Core	3.7	96.6	1.2
1046831	Drill Core	2.8	92.2	1.2
1046832	Drill Core	4.2	81.1	1.3
1046833	Drill Core	4.2	66.9	1.8
1046834	Drill Core	4.3	76.3	2.0
1046835	Drill Core	3.3	67.7	1.3
1046836	Drill Core	4.0	72.1	1.2
1046837	Drill Core	3.2	85.1	1.2
1046838	Drill Core	3.3	77.6	1.2
1046839	Drill Core	3.7	69.3	1.1
1046840	Drill Core	3.2	54.3	1.1
1046841	Drill Core	3.3	60.1	1.1
1046842	Drill Core	2.8	74.4	1.2
1046843	Drill Core	0.5	72.9	2.1
1046844	Drill Core	0.4	70.0	2.2
1046845	Drill Core	3.6	71.9	1.0
1046846	Rock Pulp	0.3	110.3	1.0
1046847	Drill Core	3.9	44.4	1.1
1046848	Drill Core	3.5	37.1	1.1
1046849	Drill Core	3.5	37.3	1.0
1046850	Rock	<0.1	0.2	<0.1
1046851	Drill Core	4.0	45.0	0.9
1046852	Drill Core	9.1	48.0	0.4
1046853	Drill Core	5.4	52.7	0.5
1046854	Drill Core	3.5	58.6	0.4
1046855	Drill Core	8.2	57.2	0.5



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046856	Drill Core	7.81	0.051	29.6	989.5	316.5	1430	28.8	5.4	12.2	1094	3.38	21	0.7	<0.1	2.6	543	9.5	147.0	0.6
1046857	Drill Core	6.77	0.065	34.6	1537	13.1	92	1.0	7.2	17.2	442	2.96	5	1.0	<0.1	3.4	461	0.4	1.5	0.3
1046858	Drill Core	2.55	0.096	255.0	1891	98.6	313	2.4	5.0	16.0	677	5.67	7	1.4	<0.1	3.3	407	2.0	1.3	0.7
1046859	Drill Core	7.12	0.091	16.1	1864	11.4	88	0.6	5.4	15.9	322	3.60	7	1.2	<0.1	3.3	476	0.3	0.5	0.3
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4
1046861	Drill Core	3.42	0.083	25.9	2026	14.5	162	0.9	5.1	14.1	358	2.85	4	1.0	<0.1	3.5	457	0.8	0.8	0.3
1046862	Drill Core	7.29	0.045	12.1	1105	13.6	125	0.5	4.4	11.9	324	3.93	3	0.8	<0.1	3.1	466	0.7	0.5	0.4
1046863	Drill Core	6.95	0.057	21.5	1752	120.7	330	3.6	4.5	11.5	1161	2.82	9	1.0	<0.1	3.5	483	1.8	9.9	0.4
1046864	Drill Core	7.16	0.055	7.9	1547	74.7	305	1.1	3.8	10.2	705	2.94	19	1.1	<0.1	4.7	331	1.7	6.7	0.4
1046865	Drill Core	6.78	0.050	14.9	1445	115.0	242	1.5	7.3	16.7	1539	3.33	18	1.3	<0.1	3.8	476	2.1	11.3	0.3
1046866	Drill Core	1.68	0.007	1.6	120.9	28.9	106	0.3	5.1	9.5	462	3.39	10	3.0	<0.1	5.4	379	1.9	0.6	1.1
1046867	Drill Core	4.00	0.008	2.7	99.4	61.6	171	0.4	5.4	10.3	622	3.76	11	3.6	<0.1	5.4	235	1.7	0.4	1.2
1046868	Drill Core	6.25	0.013	1.9	267.4	133.7	207	0.3	4.2	9.5	775	3.29	19	3.4	<0.1	5.4	467	1.6	1.1	1.1
1046869	Drill Core	6.13	0.011	2.3	278.9	54.2	157	0.5	5.1	7.7	707	3.70	14	3.3	<0.1	5.4	328	1.2	1.6	1.6
1046870	Drill Core	6.18	0.015	1.8	233.0	133.9	444	1.0	4.5	8.0	1462	3.65	16	3.3	<0.1	5.1	183	2.8	3.1	1.1
1046871	Drill Core	5.78	0.010	2.0	162.2	39.6	87	0.4	3.9	8.9	512	3.38	11	2.0	<0.1	5.0	220	0.5	0.9	0.9
1046872	Drill Core	4.76	0.006	2.7	54.2	62.6	131	0.4	2.8	4.2	430	2.56	10	2.1	<0.1	5.0	234	0.8	0.9	0.6
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	0.6	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6
1046874	Rock Pulp	0.08	0.927	24.0	5398	6477	>10000	38.9	51.0	20.9	576	9.61	540	2.6	1.0	2.7	174	256.9	112.7	26.2
1046875	Drill Core	6.71	0.006	3.9	176.6	49.0	86	0.4	3.2	6.6	193	2.67	16	2.2	<0.1	5.4	233	0.7	3.5	0.5
1046876	Drill Core	6.27	<0.005	3.3	67.5	143.6	257	0.8	2.7	6.9	201	3.46	8	2.1	<0.1	5.1	278	1.7	2.5	0.5
1046877	Drill Core	6.62	0.006	13.7	117.5	116.3	227	1.2	3.5	10.1	370	3.54	28	2.3	<0.1	5.3	237	1.5	1.2	0.6
1046878	Drill Core	5.25	0.011	6.1	104.4	277.1	965	2.4	2.7	7.6	954	4.09	34	2.4	<0.1	5.2	286	7.1	1.6	0.6
1046879	Rock	0.54	<0.005	<0.1	1.1	0.7	<1	<0.1	0.2	<0.2	33	<0.01	22	1.3	<0.1	<0.1	4380	<0.1	<0.1	<0.1
1046880	Drill Core	4.08	<0.005	2.9	179.2	649.1	2133	10.3	3.0	6.9	1839	2.21	305	2.9	<0.1	5.3	228	11.3	15.7	0.3
1046881	Drill Core	2.83	0.006	4.1	234.8	614.2	1937	9.4	3.3	6.7	1973	2.37	383	2.9	<0.1	5.9	250	11.0	22.5	0.3
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	20.3	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.4	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1
1046884	Drill Core	3.32	<0.005	1.0	30.9	69.3	204	0.6	12.9	8.6	5009	2.67	21	3.7	<0.1	6.9	288	0.8	9.2	<0.1
1046885	Drill Core	6.22	0.008	5.4	558.0	2287	6265	151.6	6.2	10.0	3768	2.50	231	3.0	<0.1	5.6	329	40.4	57.4	0.2



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046856	Drill Core	3.25	0.085	8.5	7	0.52	44	0.088	6.34	0.260	2.80	0.7	15.3	18	4.8	5.5	1.7	0.1	<1	5
1046857	Drill Core	2.57	0.112	12.1	9	0.82	50	0.180	7.07	2.734	1.63	0.4	20.6	26	1.7	8.7	3.7	0.2	<1	6
1046858	Drill Core	2.54	0.080	15.9	7	0.85	25	0.159	6.32	1.787	1.60	0.4	18.1	34	1.7	9.5	3.6	0.2	1	5
1046859	Drill Core	2.24	0.107	10.6	6	0.75	35	0.168	6.94	2.691	1.72	0.3	20.5	23	1.6	8.3	3.6	0.2	1	6
1046860	Drill Core	2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1	5
1046861	Drill Core	2.30	0.112	10.3	5	0.74	57	0.171	7.25	2.563	1.90	0.4	19.7	24	3.0	8.6	3.5	0.2	1	6
1046862	Drill Core	2.67	0.099	8.3	7	0.55	35	0.149	6.64	1.687	2.25	0.3	19.4	19	2.8	8.1	3.0	0.2	<1	5
1046863	Drill Core	2.43	0.095	9.5	4	0.79	58	0.165	7.20	1.643	2.55	0.5	20.0	21	1.7	8.1	4.0	0.2	1	5
1046864	Drill Core	1.94	0.077	10.4	4	0.63	65	0.129	7.36	1.817	2.39	0.4	14.4	20	2.8	6.3	3.4	0.3	1	4
1046865	Drill Core	2.70	0.106	10.7	15	0.87	70	0.171	7.40	1.848	2.59	0.5	27.3	23	2.3	8.1	3.2	0.2	1	7
1046866	Drill Core	1.62	0.127	16.7	8	0.78	69	0.186	8.24	2.872	1.69	0.6	50.2	30	1.4	10.2	4.1	0.3	2	7
1046867	Drill Core	1.40	0.135	17.7	9	0.79	49	0.160	8.40	2.434	2.37	0.6	48.8	34	1.7	10.5	3.5	0.3	2	7
1046868	Drill Core	1.75	0.130	17.1	7	0.97	35	0.163	8.28	2.507	1.92	0.5	49.6	35	1.3	9.7	3.8	0.3	<1	6
1046869	Drill Core	1.46	0.124	22.3	9	0.88	40	0.152	8.23	2.630	1.98	0.2	49.1	40	1.7	9.4	3.3	0.2	1	6
1046870	Drill Core	1.38	0.126	17.6	7	0.87	42	0.142	8.21	1.677	2.86	0.6	50.7	35	2.5	8.8	3.2	0.3	1	6
1046871	Drill Core	1.26	0.109	20.9	7	0.76	51	0.099	8.09	2.406	2.32	0.3	47.0	37	1.6	6.4	2.6	0.2	1	5
1046872	Drill Core	0.79	0.087	17.9	4	0.54	160	0.090	8.12	1.768	2.76	0.7	44.6	34	2.8	6.0	2.4	0.2	1	4
1046873	Drill Core	0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1	4
1046874	Rock Pulp	1.78	0.052	13.3	37	0.90	274	0.213	3.96	1.407	0.84	1.2	34.0	26	58.5	11.3	4.7	0.2	<1	8
1046875	Drill Core	0.77	0.094	21.1	4	0.57	96	0.079	8.55	2.290	2.67	0.5	44.3	41	2.2	5.7	2.1	0.2	<1	4
1046876	Drill Core	0.58	0.096	20.1	6	0.51	70	0.088	8.13	1.166	3.22	0.6	43.0	39	5.7	6.7	2.0	0.1	2	4
1046877	Drill Core	0.86	0.088	18.0	4	0.65	49	0.081	7.96	2.338	2.53	0.7	40.6	35	2.1	7.2	2.0	0.1	1	4
1046878	Drill Core	1.11	0.085	17.2	4	0.58	37	0.074	8.10	1.507	2.89	1.5	40.1	34	3.4	6.8	1.7	0.1	1	4
1046879	Rock	36.55	0.005	0.2	<1	2.14	7	<0.001	0.05	0.011	0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046880	Drill Core	1.55	0.092	23.0	3	0.60	445	0.113	7.86	1.982	2.73	0.8	40.4	43	1.5	7.3	3.0	0.2	1	4
1046881	Drill Core	1.69	0.097	27.6	3	0.66	556	0.121	8.47	2.039	2.89	0.8	44.2	46	1.7	8.2	3.4	0.2	2	5
1046882	Drill Core	1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2	4
1046883	Drill Core	3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1	7
1046884	Drill Core	2.96	0.119	26.0	22	0.93	1205	0.307	7.96	0.102	3.64	3.0	115.2	49	0.6	9.5	8.2	0.5	1	6
1046885	Drill Core	1.15	0.121	23.7	6	0.49	339	0.109	8.39	0.620	3.23	2.9	61.9	44	2.3	7.9	2.4	0.1	2	5



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046856	Drill Core	5.3	77.2	0.6
1046857	Drill Core	3.4	47.4	0.6
1046858	Drill Core	6.2	52.6	0.6
1046859	Drill Core	3.8	47.9	0.7
1046860	Drill Core	3.8	46.1	0.7
1046861	Drill Core	3.4	54.7	0.6
1046862	Drill Core	5.1	50.3	0.6
1046863	Drill Core	3.1	71.7	0.7
1046864	Drill Core	3.5	74.1	0.5
1046865	Drill Core	3.9	80.0	0.8
1046866	Drill Core	3.2	64.9	1.6
1046867	Drill Core	3.7	84.1	1.5
1046868	Drill Core	3.3	72.8	1.7
1046869	Drill Core	3.9	72.7	1.7
1046870	Drill Core	3.7	96.1	1.7
1046871	Drill Core	3.4	77.5	1.7
1046872	Drill Core	2.7	85.5	1.4
1046873	Drill Core	4.1	81.9	1.7
1046874	Rock Pulp	9.7	24.4	1.2
1046875	Drill Core	2.8	75.8	1.5
1046876	Drill Core	3.7	87.0	1.6
1046877	Drill Core	3.7	76.7	1.4
1046878	Drill Core	4.1	95.1	1.6
1046879	Rock	<0.1	<0.1	<0.1
1046880	Drill Core	1.4	110.3	1.5
1046881	Drill Core	1.4	117.5	1.6
1046882	Drill Core	0.7	128.7	1.7
1046883	Drill Core	<0.1	133.2	3.3
1046884	Drill Core	0.1	141.2	3.2
1046885	Drill Core	1.2	132.1	1.9



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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046886	Drill Core	6.45	0.007	4.3	284.7	583.6	975	5.9	3.1	8.1	1805	2.45	106	2.3	<0.1	5.3	286	7.1	6.2	0.3
1046887	Drill Core	3.63	0.106	5.3	43.9	36.2	114	1.0	1.9	6.4	44	11.63	6	1.0	0.1	2.5	624	0.9	0.5	0.5
1046888	Drill Core	6.90	0.008	14.5	63.9	23.8	68	0.3	2.9	7.7	209	3.62	14	2.0	<0.1	4.4	462	0.6	1.5	0.7
1046889	Rock Pulp	0.14	1.049	375.8	3354	25.3	64	0.9	32.6	10.2	591	3.72	13	1.0	1.4	2.2	218	0.3	4.1	0.5
1046890	Drill Core	7.31	0.010	6.0	206.3	65.4	165	0.6	2.8	8.5	763	2.51	75	2.1	<0.1	4.8	520	1.1	5.1	0.4
1046891	Drill Core	7.11	0.008	3.8	124.8	143.4	426	1.0	2.5	8.8	1264	3.03	42	2.2	<0.1	4.8	374	2.5	7.2	0.5
1046892	Drill Core	3.52	0.024	16.1	262.7	429.4	1716	4.4	2.7	8.3	1213	2.72	88	2.6	<0.1	5.1	244	11.7	37.2	0.6
1046893	Drill Core	2.58	0.316	3.5	1042	>10000	7187	64.0	2.1	5.6	166	4.33	83	1.4	0.3	0.5	410	43.2	132.1	1.4
1046894	Rock	0.77	<0.005	0.1	1.6	6.5	3	<0.1	<0.1	<0.2	39	0.03	19	1.6	<0.1	<0.1	4457	<0.1	0.2	<0.1
1046895	Drill Core	6.91	0.009	6.9	158.5	518.3	1236	3.2	2.8	9.4	794	4.06	32	2.1	<0.1	5.0	136	8.3	23.3	0.7
1046896	Drill Core	6.28	<0.005	4.2	164.7	224.9	563	1.8	2.8	7.9	943	3.34	50	2.5	<0.1	5.8	298	3.7	8.2	0.5
1046897	Drill Core	6.86	0.005	7.9	132.0	173.6	776	1.7	2.8	10.1	997	3.01	37	2.3	<0.1	4.9	441	5.4	8.3	0.5
1046898	Drill Core	6.44	<0.005	16.1	217.7	26.9	57	0.2	2.5	10.5	403	2.62	8	2.6	<0.1	5.2	441	0.3	0.8	0.4
1046899	Drill Core	7.22	<0.005	2.6	225.7	18.8	54	0.5	3.1	8.3	318	3.22	5	2.5	<0.1	5.1	464	0.3	1.6	0.7
1046900	Drill Core	2.71	<0.005	10.4	215.0	85.2	287	1.6	3.0	8.3	811	3.66	5	2.3	<0.1	5.1	528	1.8	3.0	0.7
1046901	Drill Core	4.38	0.082	42.8	2830	14.1	42	0.5	11.5	30.3	413	3.61	<1	1.3	<0.1	4.6	299	0.2	0.9	0.2
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2
1046903	Drill Core	6.80	0.063	56.8	2393	20.1	38	0.5	11.7	31.3	413	3.25	3	1.4	<0.1	4.8	428	<0.1	1.5	0.2
1046904	Drill Core	6.33	0.055	59.7	2250	203.6	447	2.4	12.1	28.7	1858	3.52	9	1.3	0.1	4.2	307	2.8	6.5	0.2
1046905	Drill Core	1.97	0.074	51.2	2373	12.4	30	0.5	11.4	23.6	209	3.16	2	1.5	<0.1	5.0	317	<0.1	0.6	0.1
1046906	Rock	0.65	<0.005	0.1	2.7	0.4	<1	<0.1	1.0	0.2	34	0.01	17	1.5	<0.1	<0.1	4451	<0.1	<0.1	<0.1
1046907	Drill Core	4.92	0.077	27.9	2336	18.5	70	0.5	7.8	27.9	230	3.85	<1	1.3	0.2	4.3	305	0.2	0.2	<0.1
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1
1046909	Drill Core	8.10	0.050	145.7	2189	86.7	311	2.4	8.9	32.8	2840	3.71	30	1.4	<0.1	4.3	347	1.9	18.3	0.1
1046910	Drill Core	5.62	0.051	140.3	2013	209.4	546	3.5	10.6	32.1	2210	3.28	45	1.8	<0.1	4.9	386	3.0	30.0	<0.1
1046911	Drill Core	6.47	0.065	96.0	2626	21.0	90	1.0	11.1	30.9	1420	3.12	38	1.5	<0.1	4.6	328	0.4	4.6	<0.1
1046912	Drill Core	6.94	0.055	136.6	1829	100.7	369	2.4	9.2	26.2	2126	2.80	106	1.7	<0.1	5.3	412	1.9	17.8	<0.1
1046913	Drill Core	6.79	0.055	125.9	2050	24.1	103	0.8	8.4	20.4	1677	2.54	60	1.7	<0.1	5.5	434	0.3	4.1	<0.1
1046914	Drill Core	5.02	0.055	61.0	1864	88.0	178	1.5	9.5	26.0	2053	3.27	88	1.9	<0.1	5.9	291	0.9	4.8	<0.1
1046915	Drill Core	3.73	0.047	174.4	1607	260.1	161	1.5	7.9	17.6	2372	2.90	13	1.9	<0.1	5.3	293	0.6	7.1	<0.1



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046886	Drill Core	1.30	0.094	22.5	4	0.52	189	0.090	8.12	1.859	2.85	1.0	42.8	41	2.6	7.7	2.3	0.2	1	5
1046887	Drill Core	4.66	0.039	12.4	2	0.21	26	0.051	4.73	0.130	2.14	1.3	26.7	25	7.2	8.7	1.1	<0.1	<1	3
1046888	Drill Core	2.20	0.081	18.2	3	0.51	52	0.087	7.84	0.988	2.94	0.7	37.2	35	2.9	7.0	2.0	0.2	<1	3
1046889	Rock Pulp	1.62	0.052	9.7	47	0.81	524	0.275	5.42	2.154	0.95	1.4	37.8	19	2.2	12.2	3.8	0.2	<1	10
1046890	Drill Core	2.44	0.096	15.7	3	0.72	100	0.101	8.00	1.435	2.51	0.4	40.6	31	1.5	6.7	2.5	0.2	2	5
1046891	Drill Core	2.31	0.085	18.1	5	0.67	72	0.093	7.96	0.501	2.88	0.5	40.9	34	1.8	6.3	2.4	0.2	1	5
1046892	Drill Core	1.80	0.090	19.5	3	0.61	85	0.098	8.12	0.264	3.03	0.6	41.2	37	1.7	6.6	2.3	0.2	2	5
1046893	Drill Core	1.06	0.044	1.7	5	0.23	456	0.051	5.02	0.077	1.99	1.5	24.8	5	2.5	4.0	1.2	<0.1	<1	3
1046894	Rock	37.68	0.004	0.4	<1	1.71	26	0.001	0.06	0.002	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046895	Drill Core	1.41	0.085	18.0	4	0.40	77	0.084	7.82	0.145	3.65	1.0	40.4	36	4.2	6.0	2.0	0.1	1	5
1046896	Drill Core	1.98	0.094	21.0	3	0.63	73	0.093	8.31	0.426	3.04	0.6	41.2	39	1.7	6.9	2.7	0.2	1	5
1046897	Drill Core	2.34	0.082	24.2	4	0.67	61	0.099	7.89	1.262	2.80	0.6	39.9	51	1.4	7.5	2.8	0.2	1	4
1046898	Drill Core	2.11	0.083	19.2	3	0.68	57	0.094	8.14	2.209	2.34	0.3	40.8	37	1.0	7.2	2.5	0.2	1	4
1046899	Drill Core	2.22	0.097	17.6	3	0.73	39	0.120	8.28	1.986	2.35	0.4	43.1	34	2.1	8.1	3.3	0.3	1	5
1046900	Drill Core	2.31	0.094	18.8	5	0.70	36	0.107	8.23	1.280	2.64	0.4	40.6	37	2.1	7.9	3.1	0.2	1	5
1046901	Drill Core	1.54	0.121	20.0	10	1.08	58	0.122	7.77	1.764	2.39	0.4	19.6	40	1.3	11.6	1.5	<0.1	1	7
1046902	Drill Core	1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1	7
1046903	Drill Core	1.58	0.116	21.3	12	1.02	68	0.121	8.19	1.981	2.58	0.5	24.4	40	1.3	11.3	1.5	<0.1	2	8
1046904	Drill Core	1.53	0.114	18.9	16	1.02	70	0.136	8.25	1.563	3.10	0.5	22.9	36	1.3	11.8	1.4	<0.1	<1	8
1046905	Drill Core	1.41	0.109	18.9	13	0.87	71	0.113	8.26	2.382	2.93	0.3	27.8	39	1.3	11.8	1.5	<0.1	1	8
1046906	Rock	34.61	0.005	0.4	<1	1.91	8	0.001	0.03	0.003	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046907	Drill Core	1.67	0.121	17.5	10	1.15	76	0.216	8.26	3.197	1.96	0.2	14.0	35	1.1	14.1	1.7	0.1	1	9
1046908	Drill Core	1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2	9
1046909	Drill Core	2.14	0.119	18.3	7	0.98	62	0.141	8.11	1.048	2.47	0.6	17.3	38	1.3	13.6	1.5	<0.1	1	8
1046910	Drill Core	1.83	0.116	16.2	13	0.99	82	0.117	8.02	0.656	2.84	0.9	27.7	32	1.1	11.0	1.5	<0.1	2	7
1046911	Drill Core	2.35	0.098	17.2	15	1.13	214	0.157	8.17	0.482	2.21	0.8	24.9	33	1.0	11.2	1.5	0.1	2	8
1046912	Drill Core	2.42	0.115	21.3	10	1.06	156	0.177	7.75	0.070	2.69	0.8	23.5	40	1.0	11.4	2.6	0.2	1	7
1046913	Drill Core	2.41	0.120	23.7	9	1.03	195	0.197	8.29	0.102	2.39	0.7	24.8	45	1.1	11.2	2.6	0.2	1	8
1046914	Drill Core	2.59	0.133	23.8	11	1.07	167	0.221	8.35	0.317	2.36	0.6	26.1	46	0.9	13.4	3.4	0.2	1	8
1046915	Drill Core	2.62	0.141	20.8	10	1.15	414	0.234	8.51	1.051	2.92	0.8	29.1	41	1.1	13.1	4.1	0.3	1	8



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Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000694.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046886	Drill Core	2.2	100.3	1.6
1046887	Drill Core	>10	58.5	0.7
1046888	Drill Core	4.9	81.4	1.3
1046889	Rock Pulp	0.3	25.1	1.2
1046890	Drill Core	2.9	74.7	1.4
1046891	Drill Core	3.4	93.1	1.4
1046892	Drill Core	3.0	112.8	1.6
1046893	Drill Core	5.8	74.1	0.9
1046894	Rock	<0.1	<0.1	<0.1
1046895	Drill Core	4.5	138.3	1.5
1046896	Drill Core	3.6	102.7	1.5
1046897	Drill Core	3.5	92.8	1.5
1046898	Drill Core	3.1	80.0	1.5
1046899	Drill Core	3.8	84.6	1.6
1046900	Drill Core	4.3	95.1	1.4
1046901	Drill Core	2.9	70.1	0.6
1046902	Drill Core	2.4	76.3	0.7
1046903	Drill Core	2.6	80.4	0.7
1046904	Drill Core	2.9	92.1	0.7
1046905	Drill Core	2.6	79.2	0.8
1046906	Rock	0.1	<0.1	<0.1
1046907	Drill Core	2.5	71.8	0.4
1046908	Drill Core	2.5	80.8	0.4
1046909	Drill Core	2.7	92.4	0.4
1046910	Drill Core	2.4	99.8	0.7
1046911	Drill Core	2.1	81.4	0.7
1046912	Drill Core	1.8	99.1	0.8
1046913	Drill Core	1.5	78.5	0.8
1046914	Drill Core	1.7	83.1	0.8
1046915	Drill Core	1.3	95.9	1.0



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QUALITY CONTROL REPORT

SMI11000694.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1	79
REP 1046805	QC			4.7	1229	9.6	43	0.7	10.8	10.0	414	3.94	3	1.1	<0.1	4.8	699	<0.1	0.2	0.1	80
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1	74
REP 1046818	QC		0.008																		
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1	<1
REP 1046850	QC		<0.005																		
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4	58
REP 1046860	QC			19.8	1870	11.5	99	0.6	5.3	16.0	318	3.55	6	1.1	<0.1	3.4	467	0.3	0.5	0.3	58
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	20.3	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2	48
REP 1046882	QC		0.019																		
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.4	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1	73
REP 1046883	QC			0.6	32.3	99.8	257	0.3	12.4	8.3	4320	2.61	18	2.8	<0.1	6.3	314	1.2	8.9	<0.1	71
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2	65
REP 1046902	QC			42.8	3785	36.1	98	1.6	11.7	31.7	859	2.84	10	1.5	<0.1	4.5	293	0.9	12.5	0.2	64
REP 1046908	QC		0.051																		
Core Reject Duplicates																					
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1	71
DUP 1046803	QC		0.006	4.2	835.2	12.0	68	0.5	7.8	8.1	514	3.48	5	2.0	<0.1	6.6	670	<0.1	0.3	0.1	72
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4	56
DUP 1046838	QC		0.006	9.3	163.5	271.0	594	4.1	5.7	10.2	1150	3.23	12	2.0	<0.1	3.8	767	3.9	15.4	0.4	56
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	0.6	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6	49
DUP 1046873	QC		0.008	2.2	25.5	125.8	258	0.7	3.3	7.6	297	3.98	10	2.4	<0.1	5.2	183	1.8	0.8	0.7	50
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1	90
DUP 1046908	QC		0.052	45.3	2084	16.8	62	0.4	8.3	27.5	245	3.86	<1	1.3	<0.1	4.5	353	0.2	0.3	<0.1	90
Reference Materials																					
STD OREAS24P	Standard			1.6	49.4	2.8	112	<0.1	143.3	46.4	1053	7.54	4	0.7	<0.1	2.8	368	0.1	<0.1	<0.1	160
STD OREAS24P	Standard			1.5	49.5	3.0	118	<0.1	139.6	44.0	1032	7.32	2	0.7	<0.1	2.7	366	0.1	0.1	<0.1	156
STD OREAS24P	Standard			1.6	52.6	3.3	117	<0.1	148.8	45.0	1049	7.53	4	0.7	<0.1	2.9	342	0.2	<0.1	<0.1	156



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Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
Pulp Duplicates																			
1046805	Drill Core	2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1
REP 1046805	QC	2.74	0.144	17.4	19	1.03	669	0.293	7.60	2.765	2.87	0.3	10.9	36	0.7	12.2	7.3	0.4	1
1046818	Drill Core	2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1
REP 1046818	QC																		
1046850	Rock	36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1
REP 1046850	QC																		
1046860	Drill Core	2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1
REP 1046860	QC	2.28	0.103	10.5	9	0.74	36	0.171	6.93	2.699	1.75	0.4	20.5	23	1.6	8.2	3.4	0.2	1
1046882	Drill Core	1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2
REP 1046882	QC																		
1046883	Drill Core	3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1
REP 1046883	QC	3.16	0.126	25.1	22	0.95	1100	0.302	7.73	0.103	3.64	3.1	116.9	47	0.6	9.1	8.1	0.6	1
1046902	Drill Core	1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1
REP 1046902	QC	1.67	0.107	23.4	12	1.06	112	0.114	7.56	1.160	2.52	0.7	22.4	45	1.7	11.4	1.4	<0.1	1
REP 1046908	QC																		
Core Reject Duplicates																			
1046803	Drill Core	2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1
DUP 1046803	QC	2.55	0.132	16.1	9	0.83	1304	0.275	7.98	2.985	2.94	0.5	18.5	34	0.6	12.7	7.5	0.5	1
1046838	Drill Core	2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1
DUP 1046838	QC	2.68	0.105	11.1	8	0.76	63	0.137	7.09	1.229	2.86	0.4	35.2	25	0.9	9.0	2.9	0.2	1
1046873	Drill Core	0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1
DUP 1046873	QC	0.45	0.099	15.7	7	0.44	80	0.088	7.44	0.279	3.55	1.1	49.4	32	5.1	7.0	2.0	0.2	1
1046908	Drill Core	1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2
DUP 1046908	QC	1.81	0.131	19.2	11	1.13	84	0.224	8.66	3.101	2.07	0.2	15.4	38	1.3	15.2	2.0	0.1	1
Reference Materials																			
STD OREAS24P	Standard	5.58	0.131	18.8	199	4.05	285	1.075	7.78	2.577	0.63	0.4	135.7	36	1.7	23.1	19.7	1.1	1
STD OREAS24P	Standard	5.49	0.126	18.8	185	4.07	270	1.051	7.72	2.575	0.65	0.4	133.0	36	1.7	23.2	18.8	1.1	1
STD OREAS24P	Standard	5.88	0.130	19.5	207	4.00	291	1.057	7.78	2.476	0.66	0.4	130.6	37	1.7	21.4	18.7	1.0	1



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	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046805	Drill Core	0.6	62.8	0.4
REP 1046805	QC	0.6	64.7	0.4
1046818	Drill Core	0.2	75.9	1.0
REP 1046818	QC			
1046850	Rock	<0.1	0.2	<0.1
REP 1046850	QC			
1046860	Drill Core	3.8	46.1	0.7
REP 1046860	QC	3.8	45.2	0.7
1046882	Drill Core	0.7	128.7	1.7
REP 1046882	QC			
1046883	Drill Core	<0.1	133.2	3.3
REP 1046883	QC	<0.1	135.6	3.1
1046902	Drill Core	2.4	76.3	0.7
REP 1046902	QC	2.4	74.7	0.6
REP 1046908	QC			
Core Reject Duplicates				
1046803	Drill Core	0.3	66.5	0.7
DUP 1046803	QC	0.3	66.2	0.7
1046838	Drill Core	3.3	77.6	1.2
DUP 1046838	QC	3.2	78.9	1.2
1046873	Drill Core	4.1	81.9	1.7
DUP 1046873	QC	4.3	94.4	1.8
1046908	Drill Core	2.5	80.8	0.4
DUP 1046908	QC	2.5	77.3	0.5
Reference Materials				
STD OREAS24P	Standard	<0.1	21.7	3.3
STD OREAS24P	Standard	<0.1	20.7	3.4
STD OREAS24P	Standard	<0.1	21.6	3.6



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS24P	Standard			1.5	50.6	3.3	117	<0.1	146.7	46.3	1143	7.54	4	0.7	<0.1	3.3	390	0.1	0.1	<0.1	180
STD OREAS45C	Standard			2.1	604.2	24.5	77	0.3	321.6	105.6	1097	18.57	13	2.3	<0.1	10.6	33	0.1	0.7	0.2	258
STD OREAS45C	Standard			2.1	605.0	26.6	84	0.3	314.5	100.1	1089	17.60	11	2.2	<0.1	10.3	36	0.3	0.8	0.2	246
STD OREAS45C	Standard			2.1	592.3	25.3	77	0.2	309.3	105.7	1083	18.33	11	2.5	<0.1	10.9	36	0.2	0.9	0.2	250
STD OREAS45C	Standard			2.7	677.4	29.9	89	0.3	377.9	112.3	1234	20.30	13	2.7	<0.1	12.8	42	0.1	1.0	0.2	311
STD OXH82	Standard		1.389																		
STD OXH82	Standard		1.296																		
STD OXH82	Standard		1.329																		
STD OXH82	Standard		1.305																		
STD OXH82	Standard		1.301																		
STD OXK79	Standard		3.722																		
STD OXK79	Standard		3.647																		
STD OXK79	Standard		3.768																		
STD OXK79	Standard		3.721																		
STD OXK79	Standard		3.686																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.73	0.129	20.6	197	4.27	302	1.140	8.06	2.631	0.68	0.5	137.9	40	1.7	23.9	20.5	1.2	2	21	8.0
STD OREAS45C	Standard	0.49	0.050	27.5	928	0.25	279	1.168	7.43	0.098	0.34	1.1	166.1	51	2.9	13.7	23.2	1.4	<1	61	14.5
STD OREAS45C	Standard	0.48	0.048	28.0	875	0.24	283	1.127	7.19	0.102	0.34	1.0	164.6	52	3.2	13.8	22.0	1.4	<1	59	16.0
STD OREAS45C	Standard	0.49	0.048	28.9	959	0.27	282	1.106	7.28	0.104	0.36	1.0	161.6	51	3.1	12.5	21.8	1.4	1	59	16.1
STD OREAS45C	Standard	0.53	0.055	33.0	984	0.29	325	1.269	7.65	0.101	0.37	1.2	189.2	59	3.5	16.1	26.7	1.7	<1	66	16.9
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	22.4	3.8
STD OREAS45C	Standard	<0.1	24.6	4.1
STD OREAS45C	Standard	<0.1	23.1	4.3
STD OREAS45C	Standard	<0.1	23.1	4.2
STD OREAS45C	Standard	<0.1	29.1	5.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
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BLK	Blank			
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BLK	Blank			



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	2.7	19.7	47	<0.1	3.7	4.8	708	2.21	2	3.0	<0.1	8.9	700	0.1	<0.1	0.4
G1	Prep Blank		<0.005	0.3	2.2	19.6	53	<0.1	3.2	4.8	761	2.37	1	2.6	<0.1	8.6	735	<0.1	<0.1	0.2



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 20, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000694.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.24	0.079	28.9	8	0.55	975	0.260	7.42	2.789	3.09	0.2	10.9	57	1.7	15.5	24.1	1.5	3	5	31.5
G1	Prep Blank	2.37	0.080	30.1	5	0.57	1059	0.277	7.91	3.006	3.29	0.2	10.5	60	1.6	15.6	25.3	1.4	3	5	34.9



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Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000694.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	112.0	0.5
G1	Prep Blank	<0.1	114.8	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: January 17, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000694.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_18
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046796	Drill Core	6.53	0.009	7.1	503.0	16.3	51	0.5	6.6	9.1	431	2.89	5	2.5	<0.1	8.9	487	0.2	0.3	0.3
1046797	Drill Core	7.17	0.006	10.0	353.6	7.3	57	0.2	7.4	9.5	686	2.95	37	1.5	<0.1	4.8	647	0.2	31.5	0.1
1046798	Drill Core	6.70	0.022	4.0	908.6	20.0	114	0.8	7.9	9.8	501	2.94	13	2.0	<0.1	6.2	685	0.5	2.7	0.2
1046799	Drill Core	7.56	0.922	3.0	601.8	30.9	318	2.6	8.4	9.7	711	3.66	34	2.1	0.6	6.7	675	2.0	11.5	0.2
1046800	Rock	0.50	<0.005	0.3	4.6	0.3	2	<0.1	<0.1	<0.2	34	<0.01	18	1.3	<0.1	<0.1	4241	<0.1	<0.1	<0.1
1046801	Drill Core	6.84	0.020	4.9	899.9	12.5	130	0.5	7.9	9.8	550	2.98	33	2.3	0.1	7.9	920	0.7	4.4	0.2
1046802	Drill Core	6.78	<0.005	3.7	480.5	12.1	73	0.3	7.7	7.3	540	3.41	6	1.9	<0.1	6.5	669	0.2	2.1	0.1
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1
1046804	Drill Core	6.27	0.011	6.2	940.9	11.6	56	0.6	8.9	7.2	586	3.67	3	1.8	<0.1	6.7	505	<0.1	0.4	0.2
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1
1046806	Drill Core	7.55	0.010	6.2	351.7	17.7	196	0.3	9.5	10.6	1850	4.03	9	1.6	<0.1	5.3	582	1.0	1.2	0.2
1046807	Drill Core	7.02	0.011	5.9	865.6	13.7	108	1.5	9.4	8.3	579	3.06	92	2.0	<0.1	5.9	747	0.9	73.3	0.1
1046808	Drill Core	3.30	0.012	4.4	608.4	12.3	92	12.6	9.4	11.5	631	3.31	69	1.9	<0.1	5.4	794	0.8	63.7	0.2
1046809	Drill Core	7.14	<0.005	3.6	253.5	9.5	45	0.3	9.0	7.9	452	3.37	5	1.9	<0.1	5.6	591	<0.1	0.3	0.2
1046810	Drill Core	7.11	<0.005	2.3	430.6	8.0	41	0.2	9.7	10.0	498	3.43	5	2.1	<0.1	6.1	602	0.1	0.1	<0.1
1046811	Drill Core	7.11	<0.005	5.6	598.3	7.9	40	0.2	8.6	8.3	425	3.27	10	2.2	<0.1	5.9	653	<0.1	2.0	0.1
1046812	Drill Core	6.92	<0.005	2.5	195.7	8.7	46	0.1	8.7	10.0	568	3.18	6	2.1	<0.1	5.8	665	<0.1	0.6	<0.1
1046813	Drill Core	7.01	<0.005	3.3	338.0	8.6	46	0.1	9.6	10.3	556	3.33	5	2.5	<0.1	5.9	661	0.2	<0.1	<0.1
1046814	Rock Pulp	0.15	0.410	154.5	3844	28.0	71	2.5	39.9	22.1	409	4.93	44	1.1	0.4	2.5	226	0.3	4.3	0.4
1046815	Drill Core	7.27	<0.005	4.5	194.6	9.5	57	0.1	8.5	8.2	623	3.28	5	2.4	<0.1	5.6	632	0.1	0.2	0.1
1046816	Drill Core	5.94	0.011	4.7	491.1	9.6	52	0.3	12.8	8.3	567	3.98	4	2.3	<0.1	5.4	558	<0.1	0.4	0.3
1046817	Drill Core	6.41	0.006	3.3	242.4	8.4	49	0.2	7.8	8.2	648	3.16	19	2.4	<0.1	5.7	617	0.1	5.4	<0.1
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1
1046819	Drill Core	7.13	<0.005	1.4	30.2	12.4	80	0.3	16.4	12.5	932	3.38	12	1.9	<0.1	4.3	504	0.2	1.9	0.2
1046820	Drill Core	6.98	<0.005	1.4	21.3	8.7	60	<0.1	15.7	11.7	862	3.48	8	1.8	<0.1	4.7	1079	<0.1	1.8	0.1
1046821	Drill Core	5.81	<0.005	1.5	29.1	11.9	73	<0.1	16.2	12.0	778	3.46	8	1.7	<0.1	4.6	800	0.2	1.7	0.2
1046822	Drill Core	6.69	0.007	2.6	185.8	9.2	65	0.2	8.8	12.6	368	3.58	4	1.1	<0.1	2.9	403	0.2	0.6	0.4
1046823	Rock Pulp	0.16	0.442	154.5	3852	27.3	69	2.4	40.2	22.3	417	4.82	45	1.2	0.4	2.6	230	0.4	4.3	0.4
1046824	Drill Core	6.99	0.012	7.6	149.1	10.9	72	0.2	9.0	17.1	271	4.68	4	1.1	<0.1	2.9	1696	0.3	0.7	0.5
1046825	Drill Core	7.23	0.009	1.9	112.8	24.7	108	0.5	8.4	13.3	392	4.14	6	1.2	<0.1	2.9	405	0.4	0.9	0.4



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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046796	Drill Core	2.30	0.105	15.0	12	0.70	995	0.233	7.22	2.964	3.09	0.6	22.0	29	0.7	10.4	8.2	0.6	1	5
1046797	Drill Core	3.46	0.123	11.6	8	0.96	1011	0.272	7.10	1.422	2.63	1.1	18.7	26	0.6	9.2	7.7	0.5	2	6
1046798	Drill Core	2.89	0.140	20.3	12	0.86	1116	0.280	7.86	2.841	2.88	0.5	18.5	41	0.7	12.4	7.6	0.5	1	6
1046799	Drill Core	2.69	0.133	18.2	9	0.86	1155	0.272	7.53	2.556	2.87	1.0	17.2	36	0.6	12.5	7.8	0.5	<1	6
1046800	Rock	36.86	0.004	0.6	<1	1.92	11	0.002	0.07	0.008	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046801	Drill Core	3.39	0.141	17.8	8	0.90	1287	0.276	7.39	2.166	2.95	0.5	19.8	37	0.6	12.0	8.6	0.6	2	6
1046802	Drill Core	2.69	0.128	16.4	11	0.82	1238	0.275	7.63	2.755	2.73	0.6	17.8	35	0.7	11.6	7.9	0.6	<1	6
1046803	Drill Core	2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1	7
1046804	Drill Core	2.76	0.134	16.7	12	1.05	1089	0.250	7.25	2.632	2.86	0.5	15.8	35	0.7	14.9	6.5	0.4	<1	7
1046805	Drill Core	2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1	7
1046806	Drill Core	3.06	0.150	17.6	12	1.17	1048	0.299	7.42	2.280	2.61	1.1	19.8	37	0.8	13.3	7.7	0.5	1	7
1046807	Drill Core	2.47	0.118	14.5	10	0.83	1075	0.259	7.47	2.289	2.83	1.0	24.1	29	0.8	10.4	7.3	0.5	1	4
1046808	Drill Core	2.64	0.122	12.9	11	0.87	1075	0.254	7.38	2.394	2.72	0.9	22.9	28	0.7	10.2	6.9	0.5	1	6
1046809	Drill Core	2.45	0.119	13.6	14	0.90	1101	0.264	7.74	3.060	2.79	0.6	24.2	28	0.7	10.7	7.3	0.5	1	6
1046810	Drill Core	2.44	0.120	16.3	12	0.99	1175	0.291	7.96	3.387	2.71	0.5	23.4	34	0.9	11.3	8.0	0.5	1	7
1046811	Drill Core	2.34	0.117	15.7	13	0.86	1193	0.277	7.63	2.944	2.90	0.8	24.8	32	0.7	10.4	7.9	0.5	1	6
1046812	Drill Core	2.50	0.123	16.0	12	0.92	1167	0.274	7.84	3.155	2.75	0.5	25.2	32	0.7	11.6	7.8	0.5	1	6
1046813	Drill Core	2.47	0.124	16.5	15	0.95	1265	0.303	7.84	3.562	2.80	0.6	26.7	34	0.6	11.4	8.5	0.6	1	6
1046814	Rock Pulp	0.41	0.114	15.2	65	1.05	149	0.298	7.69	1.516	6.10	14.7	27.2	30	2.4	12.0	2.8	0.2	1	16
1046815	Drill Core	2.44	0.119	15.9	10	0.91	1210	0.283	7.61	3.320	2.80	1.1	26.5	32	0.8	10.9	8.1	0.5	1	6
1046816	Drill Core	2.56	0.137	15.7	20	1.07	1101	0.292	7.73	2.987	2.73	0.9	31.9	33	1.3	11.0	7.4	0.4	1	7
1046817	Drill Core	2.68	0.116	16.9	11	0.88	1244	0.265	7.63	2.780	2.84	0.6	24.4	33	0.7	10.6	7.3	0.5	1	6
1046818	Drill Core	2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1	7
1046819	Drill Core	3.49	0.141	14.8	23	1.13	1226	0.351	7.45	1.870	2.63	0.5	70.3	31	0.7	10.2	8.6	0.5	<1	7
1046820	Drill Core	3.50	0.145	16.3	24	1.20	1147	0.372	7.75	2.412	2.56	0.6	73.8	34	0.7	10.7	9.1	0.6	1	7
1046821	Drill Core	3.46	0.146	16.0	24	1.19	1284	0.379	7.76	2.369	2.60	0.5	72.7	34	0.7	10.6	9.0	0.6	1	7
1046822	Drill Core	2.93	0.167	11.1	14	0.93	70	0.218	7.90	2.163	1.58	0.3	41.7	26	1.5	9.0	3.1	0.2	1	8
1046823	Rock Pulp	0.41	0.114	16.1	64	1.06	177	0.304	7.59	1.520	5.72	12.5	27.0	31	2.4	12.1	2.9	0.2	1	16
1046824	Drill Core	2.68	0.150	10.5	12	0.98	50	0.208	7.43	1.911	1.50	0.3	33.0	24	1.1	9.5	2.5	0.1	1	7
1046825	Drill Core	3.03	0.146	11.5	14	1.06	67	0.245	7.40	1.790	1.56	0.3	30.7	25	1.1	9.2	3.4	0.2	1	8



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046796	Drill Core	0.4	71.9	0.8
1046797	Drill Core	0.2	47.0	0.7
1046798	Drill Core	0.6	68.2	0.7
1046799	Drill Core	0.5	75.7	0.6
1046800	Rock	<0.1	0.4	<0.1
1046801	Drill Core	0.4	70.1	0.7
1046802	Drill Core	0.3	66.2	0.6
1046803	Drill Core	0.3	66.5	0.7
1046804	Drill Core	0.4	65.1	0.6
1046805	Drill Core	0.6	62.8	0.4
1046806	Drill Core	0.2	80.6	0.8
1046807	Drill Core	0.3	71.4	0.9
1046808	Drill Core	0.3	66.2	0.8
1046809	Drill Core	0.2	59.7	0.8
1046810	Drill Core	0.3	58.8	0.8
1046811	Drill Core	0.3	70.0	0.8
1046812	Drill Core	0.3	66.2	0.9
1046813	Drill Core	0.3	65.8	1.0
1046814	Rock Pulp	2.2	141.4	0.7
1046815	Drill Core	0.2	66.0	0.9
1046816	Drill Core	0.3	77.1	1.0
1046817	Drill Core	0.2	73.5	0.9
1046818	Drill Core	0.2	75.9	1.0
1046819	Drill Core	0.1	67.7	1.9
1046820	Drill Core	<0.1	68.4	2.1
1046821	Drill Core	0.2	69.6	2.0
1046822	Drill Core	2.5	44.9	1.1
1046823	Rock Pulp	2.1	137.5	0.7
1046824	Drill Core	3.7	41.2	0.9
1046825	Drill Core	2.5	49.1	0.8



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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046826	Drill Core	7.10	0.010	2.5	135.7	17.4	92	0.4	8.0	14.1	453	4.23	5	1.4	<0.1	3.0	371	0.3	0.9	0.4
1046827	Drill Core	8.04	0.012	2.4	170.9	9.4	65	0.2	7.6	11.8	320	3.79	4	1.2	<0.1	3.1	326	<0.1	1.1	0.3
1046828	Rock	0.49	<0.005	0.1	<0.1	0.5	<1	<0.1	<0.1	<0.2	24	<0.01	17	1.3	<0.1	<0.1	3785	<0.1	<0.1	<0.1
1046829	Drill Core	7.13	0.009	3.0	149.8	58.5	205	0.9	7.5	11.9	877	3.92	4	1.6	<0.1	3.3	504	1.2	1.7	0.8
1046830	Drill Core	7.16	0.025	4.7	319.3	156.9	611	4.6	8.1	11.7	1232	4.12	19	1.9	<0.1	3.6	613	3.8	6.9	1.4
1046831	Drill Core	6.69	0.022	6.5	308.1	222.3	614	3.6	7.2	10.7	1328	3.26	18	2.0	<0.1	3.6	339	4.0	14.4	0.7
1046832	Drill Core	6.20	0.015	6.8	120.6	23.8	74	0.5	8.6	10.1	517	4.26	6	2.8	<0.1	3.3	328	0.3	5.0	1.0
1046833	Drill Core	5.59	0.015	9.6	121.9	41.0	148	1.2	10.9	11.6	479	4.37	7	2.7	<0.1	3.9	319	0.7	4.9	0.8
1046834	Drill Core	4.01	0.014	6.6	127.5	41.1	136	1.1	10.7	11.8	444	4.34	6	2.7	<0.1	4.3	280	0.7	4.2	0.7
1046835	Drill Core	6.46	0.010	8.0	222.8	7.6	44	0.2	7.8	10.3	370	3.46	2	1.9	<0.1	3.8	240	0.2	0.8	0.4
1046836	Drill Core	6.84	0.009	27.7	208.5	14.2	75	0.5	6.2	11.2	451	3.90	6	1.5	<0.1	3.9	416	0.4	3.4	0.5
1046837	Drill Core	6.76	<0.005	7.8	85.9	126.3	457	2.2	6.2	10.7	1001	3.21	9	1.6	<0.1	3.9	1122	2.5	12.7	0.4
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4
1046839	Drill Core	6.10	0.007	23.3	309.9	28.7	114	0.5	6.0	11.8	396	3.67	6	1.6	<0.1	4.2	595	0.6	1.7	0.5
1046840	Drill Core	5.89	0.006	5.8	127.1	15.5	81	0.2	5.4	9.8	335	3.13	3	1.6	<0.1	3.8	674	0.5	0.9	0.3
1046841	Drill Core	4.33	<0.005	4.2	151.4	15.0	87	0.4	6.3	10.1	419	3.05	4	1.8	<0.1	4.0	767	0.4	1.2	0.4
1046842	Drill Core	3.76	0.005	15.1	193.6	45.1	175	1.9	7.0	9.4	734	2.99	17	1.8	<0.1	4.5	634	0.9	6.1	0.5
1046843	Drill Core	5.68	0.009	1.1	28.0	17.2	101	0.3	14.6	11.7	1190	3.14	22	2.0	<0.1	4.3	772	0.2	2.6	0.2
1046844	Drill Core	5.33	0.016	1.8	47.6	28.8	118	0.7	14.6	11.5	1462	2.95	51	2.0	<0.1	4.1	626	0.5	4.3	0.2
1046845	Drill Core	5.64	0.009	23.6	184.0	34.0	134	0.9	5.6	11.8	475	3.56	8	1.3	<0.1	3.6	400	0.6	3.1	0.3
1046846	Rock Pulp	0.16	0.009	652.1	117.9	15.0	87	0.2	16.5	6.3	641	2.68	4	3.1	<0.1	6.1	307	0.5	0.7	0.7
1046847	Drill Core	6.04	0.017	22.7	515.5	15.5	90	0.7	6.0	13.3	422	3.32	4	1.4	<0.1	3.2	553	0.6	0.6	0.3
1046848	Drill Core	4.73	0.019	13.9	634.7	12.7	81	0.3	6.1	16.4	300	2.97	4	1.0	<0.1	3.1	570	0.4	1.3	0.3
1046849	Drill Core	4.00	0.028	6.0	839.4	11.6	67	0.4	6.8	16.7	273	2.75	5	1.2	<0.1	3.4	612	0.4	1.7	0.2
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1
1046851	Drill Core	5.45	0.018	4.9	518.6	22.5	152	0.5	8.3	13.4	422	3.26	4	1.3	<0.1	3.3	503	0.7	0.6	0.4
1046852	Drill Core	7.86	0.044	16.6	769.9	9.8	50	0.4	5.8	15.2	223	4.85	3	0.8	<0.1	2.9	749	0.3	0.5	0.3
1046853	Drill Core	7.13	0.056	5.9	1081	66.4	210	5.6	5.0	12.0	398	4.21	7	0.7	<0.1	2.5	367	1.2	26.2	0.4
1046854	Drill Core	8.19	0.115	55.5	2336	42.7	122	2.3	6.7	16.3	556	3.15	3	0.5	<0.1	2.9	418	0.6	1.6	0.4
1046855	Drill Core	6.03	0.019	14.3	376.0	165.4	348	4.2	1.3	3.8	94	2.51	5	0.4	<0.1	1.1	1048	2.3	8.9	0.6



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046826	Drill Core	3.37	0.148	10.6	12	1.05	81	0.235	7.44	1.391	1.66	0.3	27.4	25	1.2	9.0	2.6	0.1	1	7
1046827	Drill Core	2.98	0.145	11.4	13	0.86	68	0.199	7.41	1.569	1.61	0.2	29.0	26	1.6	8.4	2.2	0.1	1	7
1046828	Rock	35.52	0.004	0.3	<1	1.67	9	0.002	0.06	0.004	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046829	Drill Core	2.20	0.142	12.4	10	0.74	101	0.157	7.75	0.285	3.06	0.5	26.6	26	1.2	9.0	2.0	0.2	1	7
1046830	Drill Core	2.57	0.121	12.7	9	0.84	99	0.152	7.24	0.081	2.97	0.9	34.6	27	2.0	9.1	2.8	0.2	<1	6
1046831	Drill Core	2.65	0.134	13.5	7	1.02	186	0.142	7.20	0.260	2.96	0.9	38.2	28	1.6	8.9	2.7	0.2	1	7
1046832	Drill Core	3.18	0.116	12.4	9	0.87	72	0.101	6.82	0.376	2.97	0.4	39.7	26	2.3	9.3	1.6	0.1	2	6
1046833	Drill Core	2.67	0.114	10.3	12	0.80	64	0.128	6.80	0.462	2.77	0.5	60.8	23	2.9	8.9	2.3	0.2	1	7
1046834	Drill Core	2.67	0.106	11.2	13	0.77	56	0.119	6.91	0.464	3.13	0.5	62.7	25	3.1	8.9	2.2	0.1	1	7
1046835	Drill Core	2.75	0.117	11.0	10	0.91	61	0.109	6.97	1.235	2.63	0.4	44.8	25	1.4	8.5	2.2	0.2	1	6
1046836	Drill Core	2.06	0.106	11.3	7	0.83	39	0.104	6.96	1.123	2.73	0.5	33.3	25	1.6	9.1	2.0	0.1	<1	5
1046837	Drill Core	2.09	0.109	11.5	6	0.82	55	0.119	7.08	1.004	3.01	0.5	35.0	26	0.9	8.5	2.4	0.2	1	5
1046838	Drill Core	2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1	5
1046839	Drill Core	2.15	0.109	12.4	7	0.84	40	0.156	7.21	1.575	2.63	0.4	32.7	28	1.4	9.6	3.6	0.2	1	5
1046840	Drill Core	2.96	0.105	9.8	9	0.73	53	0.165	6.98	1.861	2.46	0.3	32.1	22	0.8	8.5	3.7	0.3	1	5
1046841	Drill Core	2.43	0.108	12.8	6	0.85	51	0.152	7.29	1.750	2.34	0.3	30.2	29	0.9	8.6	3.0	0.2	1	4
1046842	Drill Core	2.47	0.108	14.3	8	0.98	73	0.164	7.20	1.262	2.39	0.4	33.3	30	1.0	8.7	3.5	0.3	1	5
1046843	Drill Core	3.65	0.137	13.9	20	1.07	1099	0.366	7.28	1.420	2.87	0.6	71.9	30	0.8	10.6	8.9	0.6	1	7
1046844	Drill Core	3.88	0.140	14.2	20	1.08	1105	0.381	6.99	1.012	2.74	0.7	71.2	31	0.8	10.2	8.8	0.6	1	7
1046845	Drill Core	2.03	0.142	12.8	6	0.97	44	0.159	7.33	1.170	2.67	0.4	29.2	29	2.3	9.4	2.9	0.2	1	6
1046846	Rock Pulp	1.56	0.080	28.3	20	0.54	862	0.254	6.91	1.987	3.55	5.8	22.0	55	6.5	14.5	11.6	0.7	3	5
1046847	Drill Core	3.01	0.139	11.0	9	0.87	44	0.168	7.26	2.249	1.54	0.6	33.0	25	1.2	9.2	3.3	0.2	1	6
1046848	Drill Core	2.92	0.131	9.8	7	0.90	55	0.161	7.11	2.529	1.45	0.5	34.5	23	1.3	8.3	3.0	0.2	<1	5
1046849	Drill Core	3.24	0.135	11.9	8	0.90	55	0.152	7.19	2.502	1.40	0.4	31.0	26	1.8	8.5	2.5	0.1	1	6
1046850	Rock	36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046851	Drill Core	3.73	0.138	10.4	9	0.90	48	0.164	7.09	1.888	1.77	0.5	22.8	24	2.4	9.7	2.6	0.2	1	7
1046852	Drill Core	6.01	0.084	11.1	6	0.55	23	0.103	5.61	0.974	1.70	0.5	13.1	24	2.4	10.1	2.0	0.1	<1	5
1046853	Drill Core	3.05	0.097	7.5	5	0.63	32	0.135	6.20	1.160	2.33	0.3	14.4	18	4.1	7.5	2.7	0.2	<1	6
1046854	Drill Core	2.79	0.102	8.1	11	0.83	57	0.154	6.64	1.538	1.93	0.2	11.8	18	2.5	7.4	2.8	0.2	1	6
1046855	Drill Core	7.15	0.030	6.6	4	0.17	45	0.058	5.21	0.183	2.28	0.8	13.5	14	8.9	5.8	1.0	<0.1	<1	3



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046826	Drill Core	2.9	47.5	0.9
1046827	Drill Core	2.6	48.2	1.0
1046828	Rock	<0.1	0.3	<0.1
1046829	Drill Core	2.8	92.9	0.9
1046830	Drill Core	3.7	96.6	1.2
1046831	Drill Core	2.8	92.2	1.2
1046832	Drill Core	4.2	81.1	1.3
1046833	Drill Core	4.2	66.9	1.8
1046834	Drill Core	4.3	76.3	2.0
1046835	Drill Core	3.3	67.7	1.3
1046836	Drill Core	4.0	72.1	1.2
1046837	Drill Core	3.2	85.1	1.2
1046838	Drill Core	3.3	77.6	1.2
1046839	Drill Core	3.7	69.3	1.1
1046840	Drill Core	3.2	54.3	1.1
1046841	Drill Core	3.3	60.1	1.1
1046842	Drill Core	2.8	74.4	1.2
1046843	Drill Core	0.5	72.9	2.1
1046844	Drill Core	0.4	70.0	2.2
1046845	Drill Core	3.6	71.9	1.0
1046846	Rock Pulp	0.3	110.3	1.0
1046847	Drill Core	3.9	44.4	1.1
1046848	Drill Core	3.5	37.1	1.1
1046849	Drill Core	3.5	37.3	1.0
1046850	Rock	<0.1	0.2	<0.1
1046851	Drill Core	4.0	45.0	0.9
1046852	Drill Core	9.1	48.0	0.4
1046853	Drill Core	5.4	52.7	0.5
1046854	Drill Core	3.5	58.6	0.4
1046855	Drill Core	8.2	57.2	0.5



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046856	Drill Core	7.81	0.051	29.6	989.5	316.5	1430	28.8	5.4	12.2	1094	3.38	21	0.7	<0.1	2.6	543	9.5	147.0	0.6
1046857	Drill Core	6.77	0.065	34.6	1537	13.1	92	1.0	7.2	17.2	442	2.96	5	1.0	<0.1	3.4	461	0.4	1.5	0.3
1046858	Drill Core	2.55	0.096	255.0	1891	98.6	313	2.4	5.0	16.0	677	5.67	7	1.4	<0.1	3.3	407	2.0	1.3	0.7
1046859	Drill Core	7.12	0.091	16.1	1864	11.4	88	0.6	5.4	15.9	322	3.60	7	1.2	<0.1	3.3	476	0.3	0.5	0.3
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4
1046861	Drill Core	3.42	0.083	25.9	2026	14.5	162	0.9	5.1	14.1	358	2.85	4	1.0	<0.1	3.5	457	0.8	0.8	0.3
1046862	Drill Core	7.29	0.045	12.1	1105	13.6	125	0.5	4.4	11.9	324	3.93	3	0.8	<0.1	3.1	466	0.7	0.5	0.4
1046863	Drill Core	6.95	0.057	21.5	1752	120.7	330	3.6	4.5	11.5	1161	2.82	9	1.0	<0.1	3.5	483	1.8	9.9	0.4
1046864	Drill Core	7.16	0.055	7.9	1547	74.7	305	2.2	3.8	10.2	705	2.94	19	1.1	<0.1	4.7	331	1.7	6.7	0.4
1046865	Drill Core	6.78	0.050	14.9	1445	115.0	242	3.1	7.3	16.7	1539	3.33	18	1.3	<0.1	3.8	476	2.1	11.3	0.3
1046866	Drill Core	1.68	0.007	1.6	120.9	28.9	106	0.7	5.1	9.5	462	3.39	10	3.0	<0.1	5.4	379	1.9	0.6	1.1
1046867	Drill Core	4.00	0.008	2.7	99.4	61.6	171	0.9	5.4	10.3	622	3.76	11	3.6	<0.1	5.4	235	1.7	0.4	1.2
1046868	Drill Core	6.25	0.013	1.9	267.4	133.7	207	0.7	4.2	9.5	775	3.29	19	3.4	<0.1	5.4	467	1.6	1.1	1.1
1046869	Drill Core	6.13	0.011	2.3	278.9	54.2	157	1.1	5.1	7.7	707	3.70	14	3.3	<0.1	5.4	328	1.2	1.6	1.6
1046870	Drill Core	6.18	0.015	1.8	233.0	133.9	444	2.0	4.5	8.0	1462	3.65	16	3.3	<0.1	5.1	183	2.8	3.1	1.1
1046871	Drill Core	5.78	0.010	2.0	162.2	39.6	87	0.8	3.9	8.9	512	3.38	11	2.0	<0.1	5.0	220	0.5	0.9	0.9
1046872	Drill Core	4.76	0.006	2.7	54.2	62.6	131	0.8	2.8	4.2	430	2.56	10	2.1	<0.1	5.0	234	0.8	0.9	0.6
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	1.3	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6
1046874	Rock Pulp	0.08	0.927	24.0	5398	6477	>10000	81.8	51.0	20.9	576	9.61	540	2.6	1.0	2.7	174	256.9	112.7	26.2
1046875	Drill Core	6.71	0.006	3.9	176.6	49.0	86	0.9	3.2	6.6	193	2.67	16	2.2	<0.1	5.4	233	0.7	3.5	0.5
1046876	Drill Core	6.27	<0.005	3.3	67.5	143.6	257	1.8	2.7	6.9	201	3.46	8	2.1	<0.1	5.1	278	1.7	2.5	0.5
1046877	Drill Core	6.62	0.006	13.7	117.5	116.3	227	2.6	3.5	10.1	370	3.54	28	2.3	<0.1	5.3	237	1.5	1.2	0.6
1046878	Drill Core	5.25	0.011	6.1	104.4	277.1	965	5.1	2.7	7.6	954	4.09	34	2.4	<0.1	5.2	286	7.1	1.6	0.6
1046879	Rock	0.54	<0.005	<0.1	1.1	0.7	<1	<0.1	0.2	<0.2	33	<0.01	22	1.3	<0.1	<0.1	4380	<0.1	<0.1	<0.1
1046880	Drill Core	4.08	<0.005	2.9	179.2	649.1	2133	21.9	3.0	6.9	1839	2.21	305	2.9	<0.1	5.3	228	11.3	15.7	0.3
1046881	Drill Core	2.83	0.006	4.1	234.8	614.2	1937	20.1	3.3	6.7	1973	2.37	383	2.9	<0.1	5.9	250	11.0	22.5	0.3
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	43.4	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.8	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1
1046884	Drill Core	3.32	<0.005	1.0	30.9	69.3	204	1.2	12.9	8.6	5009	2.67	21	3.7	<0.1	6.9	288	0.8	9.2	<0.1
1046885	Drill Core	6.22	0.008	5.4	558.0	2287	6265	>200	6.2	10.0	3768	2.50	231	3.0	<0.1	5.6	329	40.4	57.4	0.2



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046856	Drill Core	3.25	0.085	8.5	7	0.52	44	0.088	6.34	0.260	2.80	0.7	15.3	18	4.8	5.5	1.7	0.1	<1	5
1046857	Drill Core	2.57	0.112	12.1	9	0.82	50	0.180	7.07	2.734	1.63	0.4	20.6	26	1.7	8.7	3.7	0.2	<1	6
1046858	Drill Core	2.54	0.080	15.9	7	0.85	25	0.159	6.32	1.787	1.60	0.4	18.1	34	1.7	9.5	3.6	0.2	1	5
1046859	Drill Core	2.24	0.107	10.6	6	0.75	35	0.168	6.94	2.691	1.72	0.3	20.5	23	1.6	8.3	3.6	0.2	1	6
1046860	Drill Core	2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1	5
1046861	Drill Core	2.30	0.112	10.3	5	0.74	57	0.171	7.25	2.563	1.90	0.4	19.7	24	3.0	8.6	3.5	0.2	1	6
1046862	Drill Core	2.67	0.099	8.3	7	0.55	35	0.149	6.64	1.687	2.25	0.3	19.4	19	2.8	8.1	3.0	0.2	<1	5
1046863	Drill Core	2.43	0.095	9.5	4	0.79	58	0.165	7.20	1.643	2.55	0.5	20.0	21	1.7	8.1	4.0	0.2	1	5
1046864	Drill Core	1.94	0.077	10.4	4	0.63	65	0.129	7.36	1.817	2.39	0.4	14.4	20	2.8	6.3	3.4	0.3	1	4
1046865	Drill Core	2.70	0.106	10.7	15	0.87	70	0.171	7.40	1.848	2.59	0.5	27.3	23	2.3	8.1	3.2	0.2	1	7
1046866	Drill Core	1.62	0.127	16.7	8	0.78	69	0.186	8.24	2.872	1.69	0.6	50.2	30	1.4	10.2	4.1	0.3	2	7
1046867	Drill Core	1.40	0.135	17.7	9	0.79	49	0.160	8.40	2.434	2.37	0.6	48.8	34	1.7	10.5	3.5	0.3	2	7
1046868	Drill Core	1.75	0.130	17.1	7	0.97	35	0.163	8.28	2.507	1.92	0.5	49.6	35	1.3	9.7	3.8	0.3	<1	6
1046869	Drill Core	1.46	0.124	22.3	9	0.88	40	0.152	8.23	2.630	1.98	0.2	49.1	40	1.7	9.4	3.3	0.2	1	6
1046870	Drill Core	1.38	0.126	17.6	7	0.87	42	0.142	8.21	1.677	2.86	0.6	50.7	35	2.5	8.8	3.2	0.3	1	6
1046871	Drill Core	1.26	0.109	20.9	7	0.76	51	0.099	8.09	2.406	2.32	0.3	47.0	37	1.6	6.4	2.6	0.2	1	5
1046872	Drill Core	0.79	0.087	17.9	4	0.54	160	0.090	8.12	1.768	2.76	0.7	44.6	34	2.8	6.0	2.4	0.2	1	4
1046873	Drill Core	0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1	4
1046874	Rock Pulp	1.78	0.052	13.3	37	0.90	274	0.213	3.96	1.407	0.84	1.2	34.0	26	58.5	11.3	4.7	0.2	<1	8
1046875	Drill Core	0.77	0.094	21.1	4	0.57	96	0.079	8.55	2.290	2.67	0.5	44.3	41	2.2	5.7	2.1	0.2	<1	4
1046876	Drill Core	0.58	0.096	20.1	6	0.51	70	0.088	8.13	1.166	3.22	0.6	43.0	39	5.7	6.7	2.0	0.1	2	4
1046877	Drill Core	0.86	0.088	18.0	4	0.65	49	0.081	7.96	2.338	2.53	0.7	40.6	35	2.1	7.2	2.0	0.1	1	4
1046878	Drill Core	1.11	0.085	17.2	4	0.58	37	0.074	8.10	1.507	2.89	1.5	40.1	34	3.4	6.8	1.7	0.1	1	4
1046879	Rock	36.55	0.005	0.2	<1	2.14	7	<0.001	0.05	0.011	0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046880	Drill Core	1.55	0.092	23.0	3	0.60	445	0.113	7.86	1.982	2.73	0.8	40.4	43	1.5	7.3	3.0	0.2	1	4
1046881	Drill Core	1.69	0.097	27.6	3	0.66	556	0.121	8.47	2.039	2.89	0.8	44.2	46	1.7	8.2	3.4	0.2	2	5
1046882	Drill Core	1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2	4
1046883	Drill Core	3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1	7
1046884	Drill Core	2.96	0.119	26.0	22	0.93	1205	0.307	7.96	0.102	3.64	3.0	115.2	49	0.6	9.5	8.2	0.5	1	6
1046885	Drill Core	1.15	0.121	23.7	6	0.49	339	0.109	8.39	0.620	3.23	2.9	61.9	44	2.3	7.9	2.4	0.1	2	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046856	Drill Core	5.3	77.2	0.6
1046857	Drill Core	3.4	47.4	0.6
1046858	Drill Core	6.2	52.6	0.6
1046859	Drill Core	3.8	47.9	0.7
1046860	Drill Core	3.8	46.1	0.7
1046861	Drill Core	3.4	54.7	0.6
1046862	Drill Core	5.1	50.3	0.6
1046863	Drill Core	3.1	71.7	0.7
1046864	Drill Core	3.5	74.1	0.5
1046865	Drill Core	3.9	80.0	0.8
1046866	Drill Core	3.2	64.9	1.6
1046867	Drill Core	3.7	84.1	1.5
1046868	Drill Core	3.3	72.8	1.7
1046869	Drill Core	3.9	72.7	1.7
1046870	Drill Core	3.7	96.1	1.7
1046871	Drill Core	3.4	77.5	1.7
1046872	Drill Core	2.7	85.5	1.4
1046873	Drill Core	4.1	81.9	1.7
1046874	Rock Pulp	9.7	24.4	1.2
1046875	Drill Core	2.8	75.8	1.5
1046876	Drill Core	3.7	87.0	1.6
1046877	Drill Core	3.7	76.7	1.4
1046878	Drill Core	4.1	95.1	1.6
1046879	Rock	<0.1	<0.1	<0.1
1046880	Drill Core	1.4	110.3	1.5
1046881	Drill Core	1.4	117.5	1.6
1046882	Drill Core	0.7	128.7	1.7
1046883	Drill Core	<0.1	133.2	3.3
1046884	Drill Core	0.1	141.2	3.2
1046885	Drill Core	1.2	132.1	1.9



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046886	Drill Core	6.45	0.007	4.3	284.7	583.6	975	12.7	3.1	8.1	1805	2.45	106	2.3	<0.1	5.3	286	7.1	6.2	0.3
1046887	Drill Core	3.63	0.106	5.3	43.9	36.2	114	2.3	1.9	6.4	44	11.63	6	1.0	0.1	2.5	624	0.9	0.5	0.5
1046888	Drill Core	6.90	0.008	14.5	63.9	23.8	68	0.6	2.9	7.7	209	3.62	14	2.0	<0.1	4.4	462	0.6	1.5	0.7
1046889	Rock Pulp	0.14	1.049	375.8	3354	25.3	64	2.0	32.6	10.2	591	3.72	13	1.0	1.4	2.2	218	0.3	4.1	0.5
1046890	Drill Core	7.31	0.010	6.0	206.3	65.4	165	1.2	2.8	8.5	763	2.51	75	2.1	<0.1	4.8	520	1.1	5.1	0.4
1046891	Drill Core	7.11	0.008	3.8	124.8	143.4	426	2.3	2.5	8.8	1264	3.03	42	2.2	<0.1	4.8	374	2.5	7.2	0.5
1046892	Drill Core	3.52	0.024	16.1	262.7	429.4	1716	9.7	2.7	8.3	1213	2.72	88	2.6	<0.1	5.1	244	11.7	37.2	0.6
1046893	Drill Core	2.58	0.316	3.5	1042	>10000	7187	140.1	2.1	5.6	166	4.33	83	1.4	0.3	0.5	410	43.2	132.1	1.4
1046894	Rock	0.77	<0.005	0.1	1.6	6.5	3	<0.1	<0.1	<0.2	39	0.03	19	1.6	<0.1	<0.1	4457	<0.1	0.2	<0.1
1046895	Drill Core	6.91	0.009	6.9	158.5	518.3	1236	7.7	2.8	9.4	794	4.06	32	2.1	<0.1	5.0	136	8.3	23.3	0.7
1046896	Drill Core	6.28	<0.005	4.2	164.7	224.9	563	4.0	2.8	7.9	943	3.34	50	2.5	<0.1	5.8	298	3.7	8.2	0.5
1046897	Drill Core	6.86	0.005	7.9	132.0	173.6	776	3.9	2.8	10.1	997	3.01	37	2.3	<0.1	4.9	441	5.4	8.3	0.5
1046898	Drill Core	6.44	<0.005	16.1	217.7	26.9	57	0.5	2.5	10.5	403	2.62	8	2.6	<0.1	5.2	441	0.3	0.8	0.4
1046899	Drill Core	7.22	<0.005	2.6	225.7	18.8	54	0.5	3.1	8.3	318	3.22	5	2.5	<0.1	5.1	464	0.3	1.6	0.7
1046900	Drill Core	2.71	<0.005	10.4	215.0	85.2	287	1.6	3.0	8.3	811	3.66	5	2.3	<0.1	5.1	528	1.8	3.0	0.7
1046901	Drill Core	4.38	0.082	42.8	2830	14.1	42	0.5	11.5	30.3	413	3.61	<1	1.3	<0.1	4.6	299	0.2	0.9	0.2
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2
1046903	Drill Core	6.80	0.063	56.8	2393	20.1	38	0.5	11.7	31.3	413	3.25	3	1.4	<0.1	4.8	428	<0.1	1.5	0.2
1046904	Drill Core	6.33	0.055	59.7	2250	203.6	447	2.4	12.1	28.7	1858	3.52	9	1.3	0.1	4.2	307	2.8	6.5	0.2
1046905	Drill Core	1.97	0.074	51.2	2373	12.4	30	0.5	11.4	23.6	209	3.16	2	1.5	<0.1	5.0	317	<0.1	0.6	0.1
1046906	Rock	0.65	<0.005	0.1	2.7	0.4	<1	<0.1	1.0	0.2	34	0.01	17	1.5	<0.1	<0.1	4451	<0.1	<0.1	<0.1
1046907	Drill Core	4.92	0.077	27.9	2336	18.5	70	0.5	7.8	27.9	230	3.85	<1	1.3	0.2	4.3	305	0.2	0.2	<0.1
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1
1046909	Drill Core	8.10	0.050	145.7	2189	86.7	311	2.4	8.9	32.8	2840	3.71	30	1.4	<0.1	4.3	347	1.9	18.3	0.1
1046910	Drill Core	5.62	0.051	140.3	2013	209.4	546	3.5	10.6	32.1	2210	3.28	45	1.8	<0.1	4.9	386	3.0	30.0	<0.1
1046911	Drill Core	6.47	0.065	96.0	2626	21.0	90	1.0	11.1	30.9	1420	3.12	38	1.5	<0.1	4.6	328	0.4	4.6	<0.1
1046912	Drill Core	6.94	0.055	136.6	1829	100.7	369	2.4	9.2	26.2	2126	2.80	106	1.7	<0.1	5.3	412	1.9	17.8	<0.1
1046913	Drill Core	6.79	0.055	125.9	2050	24.1	103	0.8	8.4	20.4	1677	2.54	60	1.7	<0.1	5.5	434	0.3	4.1	<0.1
1046914	Drill Core	5.02	0.055	61.0	1864	88.0	178	1.5	9.5	26.0	2053	3.27	88	1.9	<0.1	5.9	291	0.9	4.8	<0.1
1046915	Drill Core	3.73	0.047	174.4	1607	260.1	161	1.5	7.9	17.6	2372	2.90	13	1.9	<0.1	5.3	293	0.6	7.1	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046886	Drill Core	1.30	0.094	22.5	4	0.52	189	0.090	8.12	1.859	2.85	1.0	42.8	41	2.6	7.7	2.3	0.2	1	5
1046887	Drill Core	4.66	0.039	12.4	2	0.21	26	0.051	4.73	0.130	2.14	1.3	26.7	25	7.2	8.7	1.1	<0.1	<1	3
1046888	Drill Core	2.20	0.081	18.2	3	0.51	52	0.087	7.84	0.988	2.94	0.7	37.2	35	2.9	7.0	2.0	0.2	<1	3
1046889	Rock Pulp	1.62	0.052	9.7	47	0.81	524	0.275	5.42	2.154	0.95	1.4	37.8	19	2.2	12.2	3.8	0.2	<1	10
1046890	Drill Core	2.44	0.096	15.7	3	0.72	100	0.101	8.00	1.435	2.51	0.4	40.6	31	1.5	6.7	2.5	0.2	2	5
1046891	Drill Core	2.31	0.085	18.1	5	0.67	72	0.093	7.96	0.501	2.88	0.5	40.9	34	1.8	6.3	2.4	0.2	1	5
1046892	Drill Core	1.80	0.090	19.5	3	0.61	85	0.098	8.12	0.264	3.03	0.6	41.2	37	1.7	6.6	2.3	0.2	2	5
1046893	Drill Core	1.06	0.044	1.7	5	0.23	456	0.051	5.02	0.077	1.99	1.5	24.8	5	2.5	4.0	1.2	<0.1	<1	3
1046894	Rock	37.68	0.004	0.4	<1	1.71	26	0.001	0.06	0.002	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046895	Drill Core	1.41	0.085	18.0	4	0.40	77	0.084	7.82	0.145	3.65	1.0	40.4	36	4.2	6.0	2.0	0.1	1	5
1046896	Drill Core	1.98	0.094	21.0	3	0.63	73	0.093	8.31	0.426	3.04	0.6	41.2	39	1.7	6.9	2.7	0.2	1	5
1046897	Drill Core	2.34	0.082	24.2	4	0.67	61	0.099	7.89	1.262	2.80	0.6	39.9	51	1.4	7.5	2.8	0.2	1	4
1046898	Drill Core	2.11	0.083	19.2	3	0.68	57	0.094	8.14	2.209	2.34	0.3	40.8	37	1.0	7.2	2.5	0.2	1	4
1046899	Drill Core	2.22	0.097	17.6	3	0.73	39	0.120	8.28	1.986	2.35	0.4	43.1	34	2.1	8.1	3.3	0.3	1	5
1046900	Drill Core	2.31	0.094	18.8	5	0.70	36	0.107	8.23	1.280	2.64	0.4	40.6	37	2.1	7.9	3.1	0.2	1	5
1046901	Drill Core	1.54	0.121	20.0	10	1.08	58	0.122	7.77	1.764	2.39	0.4	19.6	40	1.3	11.6	1.5	<0.1	1	7
1046902	Drill Core	1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1	7
1046903	Drill Core	1.58	0.116	21.3	12	1.02	68	0.121	8.19	1.981	2.58	0.5	24.4	40	1.3	11.3	1.5	<0.1	2	8
1046904	Drill Core	1.53	0.114	18.9	16	1.02	70	0.136	8.25	1.563	3.10	0.5	22.9	36	1.3	11.8	1.4	<0.1	<1	8
1046905	Drill Core	1.41	0.109	18.9	13	0.87	71	0.113	8.26	2.382	2.93	0.3	27.8	39	1.3	11.8	1.5	<0.1	1	8
1046906	Rock	34.61	0.005	0.4	<1	1.91	8	0.001	0.03	0.003	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046907	Drill Core	1.67	0.121	17.5	10	1.15	76	0.216	8.26	3.197	1.96	0.2	14.0	35	1.1	14.1	1.7	0.1	1	9
1046908	Drill Core	1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2	9
1046909	Drill Core	2.14	0.119	18.3	7	0.98	62	0.141	8.11	1.048	2.47	0.6	17.3	38	1.3	13.6	1.5	<0.1	1	8
1046910	Drill Core	1.83	0.116	16.2	13	0.99	82	0.117	8.02	0.656	2.84	0.9	27.7	32	1.1	11.0	1.5	<0.1	2	7
1046911	Drill Core	2.35	0.098	17.2	15	1.13	214	0.157	8.17	0.482	2.21	0.8	24.9	33	1.0	11.2	1.5	0.1	2	8
1046912	Drill Core	2.42	0.115	21.3	10	1.06	156	0.177	7.75	0.070	2.69	0.8	23.5	40	1.0	11.4	2.6	0.2	1	7
1046913	Drill Core	2.41	0.120	23.7	9	1.03	195	0.197	8.29	0.102	2.39	0.7	24.8	45	1.1	11.2	2.6	0.2	1	8
1046914	Drill Core	2.59	0.133	23.8	11	1.07	167	0.221	8.35	0.317	2.36	0.6	26.1	46	0.9	13.4	3.4	0.2	1	8
1046915	Drill Core	2.62	0.141	20.8	10	1.15	414	0.234	8.51	1.051	2.92	0.8	29.1	41	1.1	13.1	4.1	0.3	1	8



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046886	Drill Core	2.2	100.3	1.6
1046887	Drill Core	>10	58.5	0.7
1046888	Drill Core	4.9	81.4	1.3
1046889	Rock Pulp	0.3	25.1	1.2
1046890	Drill Core	2.9	74.7	1.4
1046891	Drill Core	3.4	93.1	1.4
1046892	Drill Core	3.0	112.8	1.6
1046893	Drill Core	5.8	74.1	0.9
1046894	Rock	<0.1	<0.1	<0.1
1046895	Drill Core	4.5	138.3	1.5
1046896	Drill Core	3.6	102.7	1.5
1046897	Drill Core	3.5	92.8	1.5
1046898	Drill Core	3.1	80.0	1.5
1046899	Drill Core	3.8	84.6	1.6
1046900	Drill Core	4.3	95.1	1.4
1046901	Drill Core	2.9	70.1	0.6
1046902	Drill Core	2.4	76.3	0.7
1046903	Drill Core	2.6	80.4	0.7
1046904	Drill Core	2.9	92.1	0.7
1046905	Drill Core	2.6	79.2	0.8
1046906	Rock	0.1	<0.1	<0.1
1046907	Drill Core	2.5	71.8	0.4
1046908	Drill Core	2.5	80.8	0.4
1046909	Drill Core	2.7	92.4	0.4
1046910	Drill Core	2.4	99.8	0.7
1046911	Drill Core	2.1	81.4	0.7
1046912	Drill Core	1.8	99.1	0.8
1046913	Drill Core	1.5	78.5	0.8
1046914	Drill Core	1.7	83.1	0.8
1046915	Drill Core	1.3	95.9	1.0



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QUALITY CONTROL REPORT

SMI11000694.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1	79
REP 1046805	QC			4.7	1229	9.6	43	0.7	10.8	10.0	414	3.94	3	1.1	<0.1	4.8	699	<0.1	0.2	0.1	80
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1	74
REP 1046818	QC		0.008																		
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1	<1
REP 1046850	QC		<0.005																		
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4	58
REP 1046860	QC			19.8	1870	11.5	99	0.6	5.3	16.0	318	3.55	6	1.1	<0.1	3.4	467	0.3	0.5	0.3	58
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	43.4	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2	48
REP 1046882	QC		0.019																		
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.8	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1	73
REP 1046883	QC			0.6	32.3	99.8	257	0.7	12.4	8.3	4320	2.61	18	2.8	<0.1	6.3	314	1.2	8.9	<0.1	71
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2	65
REP 1046902	QC			42.8	3785	36.1	98	1.6	11.7	31.7	859	2.84	10	1.5	<0.1	4.5	293	0.9	12.5	0.2	64
REP 1046908	QC		0.051																		
Core Reject Duplicates																					
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1	71
DUP 1046803	QC		0.006	4.2	835.2	12.0	68	0.5	7.8	8.1	514	3.48	5	2.0	<0.1	6.6	670	<0.1	0.3	0.1	72
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4	56
DUP 1046838	QC		0.006	9.3	163.5	271.0	594	4.1	5.7	10.2	1150	3.23	12	2.0	<0.1	3.8	767	3.9	15.4	0.4	56
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	1.3	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6	49
DUP 1046873	QC		0.008	2.2	25.5	125.8	258	1.4	3.3	7.6	297	3.98	10	2.4	<0.1	5.2	183	1.8	0.8	0.7	50
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1	90
DUP 1046908	QC		0.052	45.3	2084	16.8	62	0.4	8.3	27.5	245	3.86	<1	1.3	<0.1	4.5	353	0.2	0.3	<0.1	90
Reference Materials																					
STD OREAS24P	Standard			1.6	49.4	2.8	112	<0.1	143.3	46.4	1053	7.54	4	0.7	<0.1	2.8	368	0.1	<0.1	<0.1	160
STD OREAS24P	Standard			1.5	49.5	3.0	118	<0.1	139.6	44.0	1032	7.32	2	0.7	<0.1	2.7	366	0.1	0.1	<0.1	156
STD OREAS24P	Standard			1.5	50.6	3.3	117	<0.1	146.7	46.3	1143	7.54	4	0.7	<0.1	3.3	390	0.1	0.1	<0.1	180



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

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		Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
Pulp Duplicates																				
1046805	Drill Core		2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1
REP 1046805	QC		2.74	0.144	17.4	19	1.03	669	0.293	7.60	2.765	2.87	0.3	10.9	36	0.7	12.2	7.3	0.4	1
1046818	Drill Core		2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1
REP 1046818	QC																			
1046850	Rock		36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1
REP 1046850	QC																			
1046860	Drill Core		2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1
REP 1046860	QC		2.28	0.103	10.5	9	0.74	36	0.171	6.93	2.699	1.75	0.4	20.5	23	1.6	8.2	3.4	0.2	1
1046882	Drill Core		1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2
REP 1046882	QC																			
1046883	Drill Core		3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1
REP 1046883	QC		3.16	0.126	25.1	22	0.95	1100	0.302	7.73	0.103	3.64	3.1	116.9	47	0.6	9.1	8.1	0.6	1
1046902	Drill Core		1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1
REP 1046902	QC		1.67	0.107	23.4	12	1.06	112	0.114	7.56	1.160	2.52	0.7	22.4	45	1.7	11.4	1.4	<0.1	1
REP 1046908	QC																			
Core Reject Duplicates																				
1046803	Drill Core		2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1
DUP 1046803	QC		2.55	0.132	16.1	9	0.83	1304	0.275	7.98	2.985	2.94	0.5	18.5	34	0.6	12.7	7.5	0.5	1
1046838	Drill Core		2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1
DUP 1046838	QC		2.68	0.105	11.1	8	0.76	63	0.137	7.09	1.229	2.86	0.4	35.2	25	0.9	9.0	2.9	0.2	1
1046873	Drill Core		0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1
DUP 1046873	QC		0.45	0.099	15.7	7	0.44	80	0.088	7.44	0.279	3.55	1.1	49.4	32	5.1	7.0	2.0	0.2	1
1046908	Drill Core		1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2
DUP 1046908	QC		1.81	0.131	19.2	11	1.13	84	0.224	8.66	3.101	2.07	0.2	15.4	38	1.3	15.2	2.0	0.1	1
Reference Materials																				
STD OREAS24P	Standard		5.58	0.131	18.8	199	4.05	285	1.075	7.78	2.577	0.63	0.4	135.7	36	1.7	23.1	19.7	1.1	1
STD OREAS24P	Standard		5.49	0.126	18.8	185	4.07	270	1.051	7.72	2.575	0.65	0.4	133.0	36	1.7	23.2	18.8	1.1	1
STD OREAS24P	Standard		5.73	0.129	20.6	197	4.27	302	1.140	8.06	2.631	0.68	0.5	137.9	40	1.7	23.9	20.5	1.2	2



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QUALITY CONTROL REPORT

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	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046805	Drill Core	0.6	62.8	0.4
REP 1046805	QC	0.6	64.7	0.4
1046818	Drill Core	0.2	75.9	1.0
REP 1046818	QC			
1046850	Rock	<0.1	0.2	<0.1
REP 1046850	QC			
1046860	Drill Core	3.8	46.1	0.7
REP 1046860	QC	3.8	45.2	0.7
1046882	Drill Core	0.7	128.7	1.7
REP 1046882	QC			
1046883	Drill Core	<0.1	133.2	3.3
REP 1046883	QC	<0.1	135.6	3.1
1046902	Drill Core	2.4	76.3	0.7
REP 1046902	QC	2.4	74.7	0.6
REP 1046908	QC			
Core Reject Duplicates				
1046803	Drill Core	0.3	66.5	0.7
DUP 1046803	QC	0.3	66.2	0.7
1046838	Drill Core	3.3	77.6	1.2
DUP 1046838	QC	3.2	78.9	1.2
1046873	Drill Core	4.1	81.9	1.7
DUP 1046873	QC	4.3	94.4	1.8
1046908	Drill Core	2.5	80.8	0.4
DUP 1046908	QC	2.5	77.3	0.5
Reference Materials				
STD OREAS24P	Standard	<0.1	21.7	3.3
STD OREAS24P	Standard	<0.1	20.7	3.4
STD OREAS24P	Standard	<0.1	22.4	3.8



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.6	52.6	3.3	117	<0.1	148.8	45.0	1049	7.53	4	0.7	<0.1	2.9	342	0.2	<0.1	<0.1
STD OREAS45C	Standard			2.1	604.2	24.5	77	0.3	321.6	105.6	1097	18.57	13	2.3	<0.1	10.6	33	0.1	0.7	0.2
STD OREAS45C	Standard			2.1	605.0	26.6	84	0.3	314.5	100.1	1089	17.60	11	2.2	<0.1	10.3	36	0.3	0.8	0.2
STD OREAS45C	Standard			2.7	677.4	29.9	89	0.3	377.9	112.3	1234	20.30	13	2.7	<0.1	12.8	42	0.1	1.0	0.2
STD OREAS45C	Standard			2.1	592.3	25.3	77	0.4	309.3	105.7	1083	18.33	11	2.5	<0.1	10.9	36	0.2	0.9	0.2
STD OXH82	Standard		1.389																	
STD OXH82	Standard		1.296																	
STD OXH82	Standard		1.329																	
STD OXH82	Standard		1.305																	
STD OXH82	Standard		1.301																	
STD OXK79	Standard		3.722																	
STD OXK79	Standard		3.647																	
STD OXK79	Standard		3.768																	
STD OXK79	Standard		3.721																	
STD OXK79	Standard		3.686																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000694.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.88	0.130	19.5	207	4.00	291	1.057	7.78	2.476	0.66	0.4	130.6	37	1.7	21.4	18.7	1.0	1	19	7.9
STD OREAS45C	Standard	0.49	0.050	27.5	928	0.25	279	1.168	7.43	0.098	0.34	1.1	166.1	51	2.9	13.7	23.2	1.4	<1	61	14.5
STD OREAS45C	Standard	0.48	0.048	28.0	875	0.24	283	1.127	7.19	0.102	0.34	1.0	164.6	52	3.2	13.8	22.0	1.4	<1	59	16.0
STD OREAS45C	Standard	0.53	0.055	33.0	984	0.29	325	1.269	7.65	0.101	0.37	1.2	189.2	59	3.5	16.1	26.7	1.7	<1	66	16.9
STD OREAS45C	Standard	0.49	0.048	28.9	959	0.27	282	1.106	7.28	0.104	0.36	1.0	161.6	51	3.1	12.5	21.8	1.4	1	59	16.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI11000694.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	21.6	3.6
STD OREAS45C	Standard	<0.1	24.6	4.1
STD OREAS45C	Standard	<0.1	23.1	4.3
STD OREAS45C	Standard	<0.1	29.1	5.1
STD OREAS45C	Standard	<0.1	23.1	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
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BLK	Blank			
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BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000694.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	2.7	19.7	47	<0.1	3.7	4.8	708	2.21	2	3.0	<0.1	8.9	700	0.1	<0.1	0.4
G1	Prep Blank		<0.005	0.3	2.2	19.6	53	<0.1	3.2	4.8	761	2.37	1	2.6	<0.1	8.6	735	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

SMI11000694.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.24	0.079	28.9	8	0.55	975	0.260	7.42	2.789	3.09	0.2	10.9	57	1.7	15.5	24.1	1.5	3	5	31.5
G1	Prep Blank	2.37	0.080	30.1	5	0.57	1059	0.277	7.91	3.006	3.29	0.2	10.5	60	1.6	15.6	25.3	1.4	3	5	34.9



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Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

SMI11000694.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	112.0	0.5
G1	Prep Blank	<0.1	114.8	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: February 16, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000694.3

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_18
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
G6	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 3 : G613-Ag included.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Lions Gate Metals Inc.

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Project:

Poplar Drilling

Report Date:

February 16, 2012

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046796	Drill Core	6.53	0.009	7.1	503.0	16.3	51	0.5	6.6	9.1	431	2.89	5	2.5	<0.1	8.9	487	0.2	0.3	0.3
1046797	Drill Core	7.17	0.006	10.0	353.6	7.3	57	0.2	7.4	9.5	686	2.95	37	1.5	<0.1	4.8	647	0.2	31.5	0.1
1046798	Drill Core	6.70	0.022	4.0	908.6	20.0	114	0.8	7.9	9.8	501	2.94	13	2.0	<0.1	6.2	685	0.5	2.7	0.2
1046799	Drill Core	7.56	0.922	3.0	601.8	30.9	318	2.6	8.4	9.7	711	3.66	34	2.1	0.6	6.7	675	2.0	11.5	0.2
1046800	Rock	0.50	<0.005	0.3	4.6	0.3	2	<0.1	<0.1	<0.2	34	<0.01	18	1.3	<0.1	<0.1	4241	<0.1	<0.1	<0.1
1046801	Drill Core	6.84	0.020	4.9	899.9	12.5	130	0.5	7.9	9.8	550	2.98	33	2.3	0.1	7.9	920	0.7	4.4	0.2
1046802	Drill Core	6.78	<0.005	3.7	480.5	12.1	73	0.3	7.7	7.3	540	3.41	6	1.9	<0.1	6.5	669	0.2	2.1	0.1
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1
1046804	Drill Core	6.27	0.011	6.2	940.9	11.6	56	0.6	8.9	7.2	586	3.67	3	1.8	<0.1	6.7	505	<0.1	0.4	0.2
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1
1046806	Drill Core	7.55	0.010	6.2	351.7	17.7	196	0.3	9.5	10.6	1850	4.03	9	1.6	<0.1	5.3	582	1.0	1.2	0.2
1046807	Drill Core	7.02	0.011	5.9	865.6	13.7	108	1.5	9.4	8.3	579	3.06	92	2.0	<0.1	5.9	747	0.9	73.3	0.1
1046808	Drill Core	3.30	0.012	4.4	608.4	12.3	92	12.6	9.4	11.5	631	3.31	69	1.9	<0.1	5.4	794	0.8	63.7	0.2
1046809	Drill Core	7.14	<0.005	3.6	253.5	9.5	45	0.3	9.0	7.9	452	3.37	5	1.9	<0.1	5.6	591	<0.1	0.3	0.2
1046810	Drill Core	7.11	<0.005	2.3	430.6	8.0	41	0.2	9.7	10.0	498	3.43	5	2.1	<0.1	6.1	602	0.1	0.1	<0.1
1046811	Drill Core	7.11	<0.005	5.6	598.3	7.9	40	0.2	8.6	8.3	425	3.27	10	2.2	<0.1	5.9	653	<0.1	2.0	0.1
1046812	Drill Core	6.92	<0.005	2.5	195.7	8.7	46	0.1	8.7	10.0	568	3.18	6	2.1	<0.1	5.8	665	<0.1	0.6	<0.1
1046813	Drill Core	7.01	<0.005	3.3	338.0	8.6	46	0.1	9.6	10.3	556	3.33	5	2.5	<0.1	5.9	661	0.2	<0.1	<0.1
1046814	Rock Pulp	0.15	0.410	154.5	3844	28.0	71	2.5	39.9	22.1	409	4.93	44	1.1	0.4	2.5	226	0.3	4.3	0.4
1046815	Drill Core	7.27	<0.005	4.5	194.6	9.5	57	0.1	8.5	8.2	623	3.28	5	2.4	<0.1	5.6	632	0.1	0.2	0.1
1046816	Drill Core	5.94	0.011	4.7	491.1	9.6	52	0.3	12.8	8.3	567	3.98	4	2.3	<0.1	5.4	558	<0.1	0.4	0.3
1046817	Drill Core	6.41	0.006	3.3	242.4	8.4	49	0.2	7.8	8.2	648	3.16	19	2.4	<0.1	5.7	617	0.1	5.4	<0.1
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1
1046819	Drill Core	7.13	<0.005	1.4	30.2	12.4	80	0.3	16.4	12.5	932	3.38	12	1.9	<0.1	4.3	504	0.2	1.9	0.2
1046820	Drill Core	6.98	<0.005	1.4	21.3	8.7	60	<0.1	15.7	11.7	862	3.48	8	1.8	<0.1	4.7	1079	<0.1	1.8	0.1
1046821	Drill Core	5.81	<0.005	1.5	29.1	11.9	73	<0.1	16.2	12.0	778	3.46	8	1.7	<0.1	4.6	800	0.2	1.7	0.2
1046822	Drill Core	6.69	0.007	2.6	185.8	9.2	65	0.2	8.8	12.6	368	3.58	4	1.1	<0.1	2.9	403	0.2	0.6	0.4
1046823	Rock Pulp	0.16	0.442	154.5	3852	27.3	69	2.4	40.2	22.3	417	4.82	45	1.2	0.4	2.6	230	0.4	4.3	0.4
1046824	Drill Core	6.99	0.012	7.6	149.1	10.9	72	0.2	9.0	17.1	271	4.68	4	1.1	<0.1	2.9	1696	0.3	0.7	0.5
1046825	Drill Core	7.23	0.009	1.9	112.8	24.7	108	0.5	8.4	13.3	392	4.14	6	1.2	<0.1	2.9	405	0.4	0.9	0.4



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046796	Drill Core	2.30	0.105	15.0	12	0.70	995	0.233	7.22	2.964	3.09	0.6	22.0	29	0.7	10.4	8.2	0.6	1	5
1046797	Drill Core	3.46	0.123	11.6	8	0.96	1011	0.272	7.10	1.422	2.63	1.1	18.7	26	0.6	9.2	7.7	0.5	2	6
1046798	Drill Core	2.89	0.140	20.3	12	0.86	1116	0.280	7.86	2.841	2.88	0.5	18.5	41	0.7	12.4	7.6	0.5	1	6
1046799	Drill Core	2.69	0.133	18.2	9	0.86	1155	0.272	7.53	2.556	2.87	1.0	17.2	36	0.6	12.5	7.8	0.5	<1	6
1046800	Rock	36.86	0.004	0.6	<1	1.92	11	0.002	0.07	0.008	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046801	Drill Core	3.39	0.141	17.8	8	0.90	1287	0.276	7.39	2.166	2.95	0.5	19.8	37	0.6	12.0	8.6	0.6	2	6
1046802	Drill Core	2.69	0.128	16.4	11	0.82	1238	0.275	7.63	2.755	2.73	0.6	17.8	35	0.7	11.6	7.9	0.6	<1	6
1046803	Drill Core	2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1	7
1046804	Drill Core	2.76	0.134	16.7	12	1.05	1089	0.250	7.25	2.632	2.86	0.5	15.8	35	0.7	14.9	6.5	0.4	<1	7
1046805	Drill Core	2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1	7
1046806	Drill Core	3.06	0.150	17.6	12	1.17	1048	0.299	7.42	2.280	2.61	1.1	19.8	37	0.8	13.3	7.7	0.5	1	7
1046807	Drill Core	2.47	0.118	14.5	10	0.83	1075	0.259	7.47	2.289	2.83	1.0	24.1	29	0.8	10.4	7.3	0.5	1	4
1046808	Drill Core	2.64	0.122	12.9	11	0.87	1075	0.254	7.38	2.394	2.72	0.9	22.9	28	0.7	10.2	6.9	0.5	1	6
1046809	Drill Core	2.45	0.119	13.6	14	0.90	1101	0.264	7.74	3.060	2.79	0.6	24.2	28	0.7	10.7	7.3	0.5	1	6
1046810	Drill Core	2.44	0.120	16.3	12	0.99	1175	0.291	7.96	3.387	2.71	0.5	23.4	34	0.9	11.3	8.0	0.5	1	7
1046811	Drill Core	2.34	0.117	15.7	13	0.86	1193	0.277	7.63	2.944	2.90	0.8	24.8	32	0.7	10.4	7.9	0.5	1	6
1046812	Drill Core	2.50	0.123	16.0	12	0.92	1167	0.274	7.84	3.155	2.75	0.5	25.2	32	0.7	11.6	7.8	0.5	1	6
1046813	Drill Core	2.47	0.124	16.5	15	0.95	1265	0.303	7.84	3.562	2.80	0.6	26.7	34	0.6	11.4	8.5	0.6	1	6
1046814	Rock Pulp	0.41	0.114	15.2	65	1.05	149	0.298	7.69	1.516	6.10	14.7	27.2	30	2.4	12.0	2.8	0.2	1	16
1046815	Drill Core	2.44	0.119	15.9	10	0.91	1210	0.283	7.61	3.320	2.80	1.1	26.5	32	0.8	10.9	8.1	0.5	1	6
1046816	Drill Core	2.56	0.137	15.7	20	1.07	1101	0.292	7.73	2.987	2.73	0.9	31.9	33	1.3	11.0	7.4	0.4	1	7
1046817	Drill Core	2.68	0.116	16.9	11	0.88	1244	0.265	7.63	2.780	2.84	0.6	24.4	33	0.7	10.6	7.3	0.5	1	6
1046818	Drill Core	2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1	7
1046819	Drill Core	3.49	0.141	14.8	23	1.13	1226	0.351	7.45	1.870	2.63	0.5	70.3	31	0.7	10.2	8.6	0.5	<1	7
1046820	Drill Core	3.50	0.145	16.3	24	1.20	1147	0.372	7.75	2.412	2.56	0.6	73.8	34	0.7	10.7	9.1	0.6	1	7
1046821	Drill Core	3.46	0.146	16.0	24	1.19	1284	0.379	7.76	2.369	2.60	0.5	72.7	34	0.7	10.6	9.0	0.6	1	7
1046822	Drill Core	2.93	0.167	11.1	14	0.93	70	0.218	7.90	2.163	1.58	0.3	41.7	26	1.5	9.0	3.1	0.2	1	8
1046823	Rock Pulp	0.41	0.114	16.1	64	1.06	177	0.304	7.59	1.520	5.72	12.5	27.0	31	2.4	12.1	2.9	0.2	1	16
1046824	Drill Core	2.68	0.150	10.5	12	0.98	50	0.208	7.43	1.911	1.50	0.3	33.0	24	1.1	9.5	2.5	0.1	1	7
1046825	Drill Core	3.03	0.146	11.5	14	1.06	67	0.245	7.40	1.790	1.56	0.3	30.7	25	1.1	9.2	3.4	0.2	1	8



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Ag
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	50
1046796	Drill Core	0.4	71.9	0.8	N.A.
1046797	Drill Core	0.2	47.0	0.7	N.A.
1046798	Drill Core	0.6	68.2	0.7	N.A.
1046799	Drill Core	0.5	75.7	0.6	N.A.
1046800	Rock	<0.1	0.4	<0.1	N.A.
1046801	Drill Core	0.4	70.1	0.7	N.A.
1046802	Drill Core	0.3	66.2	0.6	N.A.
1046803	Drill Core	0.3	66.5	0.7	N.A.
1046804	Drill Core	0.4	65.1	0.6	N.A.
1046805	Drill Core	0.6	62.8	0.4	N.A.
1046806	Drill Core	0.2	80.6	0.8	N.A.
1046807	Drill Core	0.3	71.4	0.9	N.A.
1046808	Drill Core	0.3	66.2	0.8	N.A.
1046809	Drill Core	0.2	59.7	0.8	N.A.
1046810	Drill Core	0.3	58.8	0.8	N.A.
1046811	Drill Core	0.3	70.0	0.8	N.A.
1046812	Drill Core	0.3	66.2	0.9	N.A.
1046813	Drill Core	0.3	65.8	1.0	N.A.
1046814	Rock Pulp	2.2	141.4	0.7	N.A.
1046815	Drill Core	0.2	66.0	0.9	N.A.
1046816	Drill Core	0.3	77.1	1.0	N.A.
1046817	Drill Core	0.2	73.5	0.9	N.A.
1046818	Drill Core	0.2	75.9	1.0	N.A.
1046819	Drill Core	0.1	67.7	1.9	N.A.
1046820	Drill Core	<0.1	68.4	2.1	N.A.
1046821	Drill Core	0.2	69.6	2.0	N.A.
1046822	Drill Core	2.5	44.9	1.1	N.A.
1046823	Rock Pulp	2.1	137.5	0.7	N.A.
1046824	Drill Core	3.7	41.2	0.9	N.A.
1046825	Drill Core	2.5	49.1	0.8	N.A.



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046826	Drill Core	7.10	0.010	2.5	135.7	17.4	92	0.4	8.0	14.1	453	4.23	5	1.4	<0.1	3.0	371	0.3	0.9	0.4
1046827	Drill Core	8.04	0.012	2.4	170.9	9.4	65	0.2	7.6	11.8	320	3.79	4	1.2	<0.1	3.1	326	<0.1	1.1	0.3
1046828	Rock	0.49	<0.005	0.1	<0.1	0.5	<1	<0.1	<0.1	<0.2	24	<0.01	17	1.3	<0.1	<0.1	3785	<0.1	<0.1	<0.1
1046829	Drill Core	7.13	0.009	3.0	149.8	58.5	205	0.9	7.5	11.9	877	3.92	4	1.6	<0.1	3.3	504	1.2	1.7	0.8
1046830	Drill Core	7.16	0.025	4.7	319.3	156.9	611	4.6	8.1	11.7	1232	4.12	19	1.9	<0.1	3.6	613	3.8	6.9	1.4
1046831	Drill Core	6.69	0.022	6.5	308.1	222.3	614	3.6	7.2	10.7	1328	3.26	18	2.0	<0.1	3.6	339	4.0	14.4	0.7
1046832	Drill Core	6.20	0.015	6.8	120.6	23.8	74	0.5	8.6	10.1	517	4.26	6	2.8	<0.1	3.3	328	0.3	5.0	1.0
1046833	Drill Core	5.59	0.015	9.6	121.9	41.0	148	1.2	10.9	11.6	479	4.37	7	2.7	<0.1	3.9	319	0.7	4.9	0.8
1046834	Drill Core	4.01	0.014	6.6	127.5	41.1	136	1.1	10.7	11.8	444	4.34	6	2.7	<0.1	4.3	280	0.7	4.2	0.7
1046835	Drill Core	6.46	0.010	8.0	222.8	7.6	44	0.2	7.8	10.3	370	3.46	2	1.9	<0.1	3.8	240	0.2	0.8	0.4
1046836	Drill Core	6.84	0.009	27.7	208.5	14.2	75	0.5	6.2	11.2	451	3.90	6	1.5	<0.1	3.9	416	0.4	3.4	0.5
1046837	Drill Core	6.76	<0.005	7.8	85.9	126.3	457	2.2	6.2	10.7	1001	3.21	9	1.6	<0.1	3.9	1122	2.5	12.7	0.4
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4
1046839	Drill Core	6.10	0.007	23.3	309.9	28.7	114	0.5	6.0	11.8	396	3.67	6	1.6	<0.1	4.2	595	0.6	1.7	0.5
1046840	Drill Core	5.89	0.006	5.8	127.1	15.5	81	0.2	5.4	9.8	335	3.13	3	1.6	<0.1	3.8	674	0.5	0.9	0.3
1046841	Drill Core	4.33	<0.005	4.2	151.4	15.0	87	0.4	6.3	10.1	419	3.05	4	1.8	<0.1	4.0	767	0.4	1.2	0.4
1046842	Drill Core	3.76	0.005	15.1	193.6	45.1	175	1.9	7.0	9.4	734	2.99	17	1.8	<0.1	4.5	634	0.9	6.1	0.5
1046843	Drill Core	5.68	0.009	1.1	28.0	17.2	101	0.3	14.6	11.7	1190	3.14	22	2.0	<0.1	4.3	772	0.2	2.6	0.2
1046844	Drill Core	5.33	0.016	1.8	47.6	28.8	118	0.7	14.6	11.5	1462	2.95	51	2.0	<0.1	4.1	626	0.5	4.3	0.2
1046845	Drill Core	5.64	0.009	23.6	184.0	34.0	134	0.9	5.6	11.8	475	3.56	8	1.3	<0.1	3.6	400	0.6	3.1	0.3
1046846	Rock Pulp	0.16	0.009	652.1	117.9	15.0	87	0.2	16.5	6.3	641	2.68	4	3.1	<0.1	6.1	307	0.5	0.7	0.7
1046847	Drill Core	6.04	0.017	22.7	515.5	15.5	90	0.7	6.0	13.3	422	3.32	4	1.4	<0.1	3.2	553	0.6	0.6	0.3
1046848	Drill Core	4.73	0.019	13.9	634.7	12.7	81	0.3	6.1	16.4	300	2.97	4	1.0	<0.1	3.1	570	0.4	1.3	0.3
1046849	Drill Core	4.00	0.028	6.0	839.4	11.6	67	0.4	6.8	16.7	273	2.75	5	1.2	<0.1	3.4	612	0.4	1.7	0.2
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1
1046851	Drill Core	5.45	0.018	4.9	518.6	22.5	152	0.5	8.3	13.4	422	3.26	4	1.3	<0.1	3.3	503	0.7	0.6	0.4
1046852	Drill Core	7.86	0.044	16.6	769.9	9.8	50	0.4	5.8	15.2	223	4.85	3	0.8	<0.1	2.9	749	0.3	0.5	0.3
1046853	Drill Core	7.13	0.056	5.9	1081	66.4	210	5.6	5.0	12.0	398	4.21	7	0.7	<0.1	2.5	367	1.2	26.2	0.4
1046854	Drill Core	8.19	0.115	55.5	2336	42.7	122	2.3	6.7	16.3	556	3.15	3	0.5	<0.1	2.9	418	0.6	1.6	0.4
1046855	Drill Core	6.03	0.019	14.3	376.0	165.4	348	4.2	1.3	3.8	94	2.51	5	0.4	<0.1	1.1	1048	2.3	8.9	0.6



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046826	Drill Core	3.37	0.148	10.6	12	1.05	81	0.235	7.44	1.391	1.66	0.3	27.4	25	1.2	9.0	2.6	0.1	1	7
1046827	Drill Core	2.98	0.145	11.4	13	0.86	68	0.199	7.41	1.569	1.61	0.2	29.0	26	1.6	8.4	2.2	0.1	1	7
1046828	Rock	35.52	0.004	0.3	<1	1.67	9	0.002	0.06	0.004	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046829	Drill Core	2.20	0.142	12.4	10	0.74	101	0.157	7.75	0.285	3.06	0.5	26.6	26	1.2	9.0	2.0	0.2	1	7
1046830	Drill Core	2.57	0.121	12.7	9	0.84	99	0.152	7.24	0.081	2.97	0.9	34.6	27	2.0	9.1	2.8	0.2	<1	6
1046831	Drill Core	2.65	0.134	13.5	7	1.02	186	0.142	7.20	0.260	2.96	0.9	38.2	28	1.6	8.9	2.7	0.2	1	7
1046832	Drill Core	3.18	0.116	12.4	9	0.87	72	0.101	6.82	0.376	2.97	0.4	39.7	26	2.3	9.3	1.6	0.1	2	6
1046833	Drill Core	2.67	0.114	10.3	12	0.80	64	0.128	6.80	0.462	2.77	0.5	60.8	23	2.9	8.9	2.3	0.2	1	7
1046834	Drill Core	2.67	0.106	11.2	13	0.77	56	0.119	6.91	0.464	3.13	0.5	62.7	25	3.1	8.9	2.2	0.1	1	7
1046835	Drill Core	2.75	0.117	11.0	10	0.91	61	0.109	6.97	1.235	2.63	0.4	44.8	25	1.4	8.5	2.2	0.2	1	6
1046836	Drill Core	2.06	0.106	11.3	7	0.83	39	0.104	6.96	1.123	2.73	0.5	33.3	25	1.6	9.1	2.0	0.1	<1	5
1046837	Drill Core	2.09	0.109	11.5	6	0.82	55	0.119	7.08	1.004	3.01	0.5	35.0	26	0.9	8.5	2.4	0.2	1	5
1046838	Drill Core	2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1	5
1046839	Drill Core	2.15	0.109	12.4	7	0.84	40	0.156	7.21	1.575	2.63	0.4	32.7	28	1.4	9.6	3.6	0.2	1	5
1046840	Drill Core	2.96	0.105	9.8	9	0.73	53	0.165	6.98	1.861	2.46	0.3	32.1	22	0.8	8.5	3.7	0.3	1	5
1046841	Drill Core	2.43	0.108	12.8	6	0.85	51	0.152	7.29	1.750	2.34	0.3	30.2	29	0.9	8.6	3.0	0.2	1	4
1046842	Drill Core	2.47	0.108	14.3	8	0.98	73	0.164	7.20	1.262	2.39	0.4	33.3	30	1.0	8.7	3.5	0.3	1	5
1046843	Drill Core	3.65	0.137	13.9	20	1.07	1099	0.366	7.28	1.420	2.87	0.6	71.9	30	0.8	10.6	8.9	0.6	1	7
1046844	Drill Core	3.88	0.140	14.2	20	1.08	1105	0.381	6.99	1.012	2.74	0.7	71.2	31	0.8	10.2	8.8	0.6	1	7
1046845	Drill Core	2.03	0.142	12.8	6	0.97	44	0.159	7.33	1.170	2.67	0.4	29.2	29	2.3	9.4	2.9	0.2	1	6
1046846	Rock Pulp	1.56	0.080	28.3	20	0.54	862	0.254	6.91	1.987	3.55	5.8	22.0	55	6.5	14.5	11.6	0.7	3	5
1046847	Drill Core	3.01	0.139	11.0	9	0.87	44	0.168	7.26	2.249	1.54	0.6	33.0	25	1.2	9.2	3.3	0.2	1	6
1046848	Drill Core	2.92	0.131	9.8	7	0.90	55	0.161	7.11	2.529	1.45	0.5	34.5	23	1.3	8.3	3.0	0.2	<1	5
1046849	Drill Core	3.24	0.135	11.9	8	0.90	55	0.152	7.19	2.502	1.40	0.4	31.0	26	1.8	8.5	2.5	0.1	1	6
1046850	Rock	36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1046851	Drill Core	3.73	0.138	10.4	9	0.90	48	0.164	7.09	1.888	1.77	0.5	22.8	24	2.4	9.7	2.6	0.2	1	7
1046852	Drill Core	6.01	0.084	11.1	6	0.55	23	0.103	5.61	0.974	1.70	0.5	13.1	24	2.4	10.1	2.0	0.1	<1	5
1046853	Drill Core	3.05	0.097	7.5	5	0.63	32	0.135	6.20	1.160	2.33	0.3	14.4	18	4.1	7.5	2.7	0.2	<1	6
1046854	Drill Core	2.79	0.102	8.1	11	0.83	57	0.154	6.64	1.538	1.93	0.2	11.8	18	2.5	7.4	2.8	0.2	1	6
1046855	Drill Core	7.15	0.030	6.6	4	0.17	45	0.058	5.21	0.183	2.28	0.8	13.5	14	8.9	5.8	1.0	<0.1	<1	3



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Ag
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	50
1046826	Drill Core	2.9	47.5	0.9	N.A.
1046827	Drill Core	2.6	48.2	1.0	N.A.
1046828	Rock	<0.1	0.3	<0.1	N.A.
1046829	Drill Core	2.8	92.9	0.9	N.A.
1046830	Drill Core	3.7	96.6	1.2	N.A.
1046831	Drill Core	2.8	92.2	1.2	N.A.
1046832	Drill Core	4.2	81.1	1.3	N.A.
1046833	Drill Core	4.2	66.9	1.8	N.A.
1046834	Drill Core	4.3	76.3	2.0	N.A.
1046835	Drill Core	3.3	67.7	1.3	N.A.
1046836	Drill Core	4.0	72.1	1.2	N.A.
1046837	Drill Core	3.2	85.1	1.2	N.A.
1046838	Drill Core	3.3	77.6	1.2	N.A.
1046839	Drill Core	3.7	69.3	1.1	N.A.
1046840	Drill Core	3.2	54.3	1.1	N.A.
1046841	Drill Core	3.3	60.1	1.1	N.A.
1046842	Drill Core	2.8	74.4	1.2	N.A.
1046843	Drill Core	0.5	72.9	2.1	N.A.
1046844	Drill Core	0.4	70.0	2.2	N.A.
1046845	Drill Core	3.6	71.9	1.0	N.A.
1046846	Rock Pulp	0.3	110.3	1.0	N.A.
1046847	Drill Core	3.9	44.4	1.1	N.A.
1046848	Drill Core	3.5	37.1	1.1	N.A.
1046849	Drill Core	3.5	37.3	1.0	N.A.
1046850	Rock	<0.1	0.2	<0.1	N.A.
1046851	Drill Core	4.0	45.0	0.9	N.A.
1046852	Drill Core	9.1	48.0	0.4	N.A.
1046853	Drill Core	5.4	52.7	0.5	N.A.
1046854	Drill Core	3.5	58.6	0.4	N.A.
1046855	Drill Core	8.2	57.2	0.5	N.A.



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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046856	Drill Core	7.81	0.051	29.6	989.5	316.5	1430	28.8	5.4	12.2	1094	3.38	21	0.7	<0.1	2.6	543	9.5	147.0	0.6
1046857	Drill Core	6.77	0.065	34.6	1537	13.1	92	1.0	7.2	17.2	442	2.96	5	1.0	<0.1	3.4	461	0.4	1.5	0.3
1046858	Drill Core	2.55	0.096	255.0	1891	98.6	313	2.4	5.0	16.0	677	5.67	7	1.4	<0.1	3.3	407	2.0	1.3	0.7
1046859	Drill Core	7.12	0.091	16.1	1864	11.4	88	0.6	5.4	15.9	322	3.60	7	1.2	<0.1	3.3	476	0.3	0.5	0.3
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4
1046861	Drill Core	3.42	0.083	25.9	2026	14.5	162	0.9	5.1	14.1	358	2.85	4	1.0	<0.1	3.5	457	0.8	0.8	0.3
1046862	Drill Core	7.29	0.045	12.1	1105	13.6	125	0.5	4.4	11.9	324	3.93	3	0.8	<0.1	3.1	466	0.7	0.5	0.4
1046863	Drill Core	6.95	0.057	21.5	1752	120.7	330	3.6	4.5	11.5	1161	2.82	9	1.0	<0.1	3.5	483	1.8	9.9	0.4
1046864	Drill Core	7.16	0.055	7.9	1547	74.7	305	2.2	3.8	10.2	705	2.94	19	1.1	<0.1	4.7	331	1.7	6.7	0.4
1046865	Drill Core	6.78	0.050	14.9	1445	115.0	242	3.1	7.3	16.7	1539	3.33	18	1.3	<0.1	3.8	476	2.1	11.3	0.3
1046866	Drill Core	1.68	0.007	1.6	120.9	28.9	106	0.7	5.1	9.5	462	3.39	10	3.0	<0.1	5.4	379	1.9	0.6	1.1
1046867	Drill Core	4.00	0.008	2.7	99.4	61.6	171	0.9	5.4	10.3	622	3.76	11	3.6	<0.1	5.4	235	1.7	0.4	1.2
1046868	Drill Core	6.25	0.013	1.9	267.4	133.7	207	0.7	4.2	9.5	775	3.29	19	3.4	<0.1	5.4	467	1.6	1.1	1.1
1046869	Drill Core	6.13	0.011	2.3	278.9	54.2	157	1.1	5.1	7.7	707	3.70	14	3.3	<0.1	5.4	328	1.2	1.6	1.6
1046870	Drill Core	6.18	0.015	1.8	233.0	133.9	444	2.0	4.5	8.0	1462	3.65	16	3.3	<0.1	5.1	183	2.8	3.1	1.1
1046871	Drill Core	5.78	0.010	2.0	162.2	39.6	87	0.8	3.9	8.9	512	3.38	11	2.0	<0.1	5.0	220	0.5	0.9	0.9
1046872	Drill Core	4.76	0.006	2.7	54.2	62.6	131	0.8	2.8	4.2	430	2.56	10	2.1	<0.1	5.0	234	0.8	0.9	0.6
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	1.3	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6
1046874	Rock Pulp	0.08	0.927	24.0	5398	6477	>10000	81.8	51.0	20.9	576	9.61	540	2.6	1.0	2.7	174	256.9	112.7	26.2
1046875	Drill Core	6.71	0.006	3.9	176.6	49.0	86	0.9	3.2	6.6	193	2.67	16	2.2	<0.1	5.4	233	0.7	3.5	0.5
1046876	Drill Core	6.27	<0.005	3.3	67.5	143.6	257	1.8	2.7	6.9	201	3.46	8	2.1	<0.1	5.1	278	1.7	2.5	0.5
1046877	Drill Core	6.62	0.006	13.7	117.5	116.3	227	2.6	3.5	10.1	370	3.54	28	2.3	<0.1	5.3	237	1.5	1.2	0.6
1046878	Drill Core	5.25	0.011	6.1	104.4	277.1	965	5.1	2.7	7.6	954	4.09	34	2.4	<0.1	5.2	286	7.1	1.6	0.6
1046879	Rock	0.54	<0.005	<0.1	1.1	0.7	<1	<0.1	0.2	<0.2	33	<0.01	22	1.3	<0.1	<0.1	4380	<0.1	<0.1	<0.1
1046880	Drill Core	4.08	<0.005	2.9	179.2	649.1	2133	21.9	3.0	6.9	1839	2.21	305	2.9	<0.1	5.3	228	11.3	15.7	0.3
1046881	Drill Core	2.83	0.006	4.1	234.8	614.2	1937	20.1	3.3	6.7	1973	2.37	383	2.9	<0.1	5.9	250	11.0	22.5	0.3
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	43.4	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.8	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1
1046884	Drill Core	3.32	<0.005	1.0	30.9	69.3	204	1.2	12.9	8.6	5009	2.67	21	3.7	<0.1	6.9	288	0.8	9.2	<0.1
1046885	Drill Core	6.22	0.008	5.4	558.0	2287	6265	>200	6.2	10.0	3768	2.50	231	3.0	<0.1	5.6	329	40.4	57.4	0.2



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046856	Drill Core	3.25	0.085	8.5	7	0.52	44	0.088	6.34	0.260	2.80	0.7	15.3	18	4.8	5.5	1.7	0.1	<1	5
1046857	Drill Core	2.57	0.112	12.1	9	0.82	50	0.180	7.07	2.734	1.63	0.4	20.6	26	1.7	8.7	3.7	0.2	<1	6
1046858	Drill Core	2.54	0.080	15.9	7	0.85	25	0.159	6.32	1.787	1.60	0.4	18.1	34	1.7	9.5	3.6	0.2	1	5
1046859	Drill Core	2.24	0.107	10.6	6	0.75	35	0.168	6.94	2.691	1.72	0.3	20.5	23	1.6	8.3	3.6	0.2	1	6
1046860	Drill Core	2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1	5
1046861	Drill Core	2.30	0.112	10.3	5	0.74	57	0.171	7.25	2.563	1.90	0.4	19.7	24	3.0	8.6	3.5	0.2	1	6
1046862	Drill Core	2.67	0.099	8.3	7	0.55	35	0.149	6.64	1.687	2.25	0.3	19.4	19	2.8	8.1	3.0	0.2	<1	5
1046863	Drill Core	2.43	0.095	9.5	4	0.79	58	0.165	7.20	1.643	2.55	0.5	20.0	21	1.7	8.1	4.0	0.2	1	5
1046864	Drill Core	1.94	0.077	10.4	4	0.63	65	0.129	7.36	1.817	2.39	0.4	14.4	20	2.8	6.3	3.4	0.3	1	4
1046865	Drill Core	2.70	0.106	10.7	15	0.87	70	0.171	7.40	1.848	2.59	0.5	27.3	23	2.3	8.1	3.2	0.2	1	7
1046866	Drill Core	1.62	0.127	16.7	8	0.78	69	0.186	8.24	2.872	1.69	0.6	50.2	30	1.4	10.2	4.1	0.3	2	7
1046867	Drill Core	1.40	0.135	17.7	9	0.79	49	0.160	8.40	2.434	2.37	0.6	48.8	34	1.7	10.5	3.5	0.3	2	7
1046868	Drill Core	1.75	0.130	17.1	7	0.97	35	0.163	8.28	2.507	1.92	0.5	49.6	35	1.3	9.7	3.8	0.3	<1	6
1046869	Drill Core	1.46	0.124	22.3	9	0.88	40	0.152	8.23	2.630	1.98	0.2	49.1	40	1.7	9.4	3.3	0.2	1	6
1046870	Drill Core	1.38	0.126	17.6	7	0.87	42	0.142	8.21	1.677	2.86	0.6	50.7	35	2.5	8.8	3.2	0.3	1	6
1046871	Drill Core	1.26	0.109	20.9	7	0.76	51	0.099	8.09	2.406	2.32	0.3	47.0	37	1.6	6.4	2.6	0.2	1	5
1046872	Drill Core	0.79	0.087	17.9	4	0.54	160	0.090	8.12	1.768	2.76	0.7	44.6	34	2.8	6.0	2.4	0.2	1	4
1046873	Drill Core	0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1	4
1046874	Rock Pulp	1.78	0.052	13.3	37	0.90	274	0.213	3.96	1.407	0.84	1.2	34.0	26	58.5	11.3	4.7	0.2	<1	8
1046875	Drill Core	0.77	0.094	21.1	4	0.57	96	0.079	8.55	2.290	2.67	0.5	44.3	41	2.2	5.7	2.1	0.2	<1	4
1046876	Drill Core	0.58	0.096	20.1	6	0.51	70	0.088	8.13	1.166	3.22	0.6	43.0	39	5.7	6.7	2.0	0.1	2	4
1046877	Drill Core	0.86	0.088	18.0	4	0.65	49	0.081	7.96	2.338	2.53	0.7	40.6	35	2.1	7.2	2.0	0.1	1	4
1046878	Drill Core	1.11	0.085	17.2	4	0.58	37	0.074	8.10	1.507	2.89	1.5	40.1	34	3.4	6.8	1.7	0.1	1	4
1046879	Rock	36.55	0.005	0.2	<1	2.14	7	<0.001	0.05	0.011	0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046880	Drill Core	1.55	0.092	23.0	3	0.60	445	0.113	7.86	1.982	2.73	0.8	40.4	43	1.5	7.3	3.0	0.2	1	4
1046881	Drill Core	1.69	0.097	27.6	3	0.66	556	0.121	8.47	2.039	2.89	0.8	44.2	46	1.7	8.2	3.4	0.2	2	5
1046882	Drill Core	1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2	4
1046883	Drill Core	3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1	7
1046884	Drill Core	2.96	0.119	26.0	22	0.93	1205	0.307	7.96	0.102	3.64	3.0	115.2	49	0.6	9.5	8.2	0.5	1	6
1046885	Drill Core	1.15	0.121	23.7	6	0.49	339	0.109	8.39	0.620	3.23	2.9	61.9	44	2.3	7.9	2.4	0.1	2	5



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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Ag
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	50
1046856	Drill Core	5.3	77.2	0.6	N.A.
1046857	Drill Core	3.4	47.4	0.6	N.A.
1046858	Drill Core	6.2	52.6	0.6	N.A.
1046859	Drill Core	3.8	47.9	0.7	N.A.
1046860	Drill Core	3.8	46.1	0.7	N.A.
1046861	Drill Core	3.4	54.7	0.6	N.A.
1046862	Drill Core	5.1	50.3	0.6	N.A.
1046863	Drill Core	3.1	71.7	0.7	N.A.
1046864	Drill Core	3.5	74.1	0.5	N.A.
1046865	Drill Core	3.9	80.0	0.8	N.A.
1046866	Drill Core	3.2	64.9	1.6	N.A.
1046867	Drill Core	3.7	84.1	1.5	N.A.
1046868	Drill Core	3.3	72.8	1.7	N.A.
1046869	Drill Core	3.9	72.7	1.7	N.A.
1046870	Drill Core	3.7	96.1	1.7	N.A.
1046871	Drill Core	3.4	77.5	1.7	N.A.
1046872	Drill Core	2.7	85.5	1.4	N.A.
1046873	Drill Core	4.1	81.9	1.7	N.A.
1046874	Rock Pulp	9.7	24.4	1.2	N.A.
1046875	Drill Core	2.8	75.8	1.5	N.A.
1046876	Drill Core	3.7	87.0	1.6	N.A.
1046877	Drill Core	3.7	76.7	1.4	N.A.
1046878	Drill Core	4.1	95.1	1.6	N.A.
1046879	Rock	<0.1	<0.1	<0.1	N.A.
1046880	Drill Core	1.4	110.3	1.5	N.A.
1046881	Drill Core	1.4	117.5	1.6	N.A.
1046882	Drill Core	0.7	128.7	1.7	N.A.
1046883	Drill Core	<0.1	133.2	3.3	N.A.
1046884	Drill Core	0.1	141.2	3.2	N.A.
1046885	Drill Core	1.2	132.1	1.9	308



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046886	Drill Core	6.45	0.007	4.3	284.7	583.6	975	12.7	3.1	8.1	1805	2.45	106	2.3	<0.1	5.3	286	7.1	6.2	0.3
1046887	Drill Core	3.63	0.106	5.3	43.9	36.2	114	2.3	1.9	6.4	44	11.63	6	1.0	0.1	2.5	624	0.9	0.5	0.5
1046888	Drill Core	6.90	0.008	14.5	63.9	23.8	68	0.6	2.9	7.7	209	3.62	14	2.0	<0.1	4.4	462	0.6	1.5	0.7
1046889	Rock Pulp	0.14	1.049	375.8	3354	25.3	64	2.0	32.6	10.2	591	3.72	13	1.0	1.4	2.2	218	0.3	4.1	0.5
1046890	Drill Core	7.31	0.010	6.0	206.3	65.4	165	1.2	2.8	8.5	763	2.51	75	2.1	<0.1	4.8	520	1.1	5.1	0.4
1046891	Drill Core	7.11	0.008	3.8	124.8	143.4	426	2.3	2.5	8.8	1264	3.03	42	2.2	<0.1	4.8	374	2.5	7.2	0.5
1046892	Drill Core	3.52	0.024	16.1	262.7	429.4	1716	9.7	2.7	8.3	1213	2.72	88	2.6	<0.1	5.1	244	11.7	37.2	0.6
1046893	Drill Core	2.58	0.316	3.5	1042	>10000	7187	140.1	2.1	5.6	166	4.33	83	1.4	0.3	0.5	410	43.2	132.1	1.4
1046894	Rock	0.77	<0.005	0.1	1.6	6.5	3	<0.1	<0.1	<0.2	39	0.03	19	1.6	<0.1	<0.1	4457	<0.1	0.2	<0.1
1046895	Drill Core	6.91	0.009	6.9	158.5	518.3	1236	7.7	2.8	9.4	794	4.06	32	2.1	<0.1	5.0	136	8.3	23.3	0.7
1046896	Drill Core	6.28	<0.005	4.2	164.7	224.9	563	4.0	2.8	7.9	943	3.34	50	2.5	<0.1	5.8	298	3.7	8.2	0.5
1046897	Drill Core	6.86	0.005	7.9	132.0	173.6	776	3.9	2.8	10.1	997	3.01	37	2.3	<0.1	4.9	441	5.4	8.3	0.5
1046898	Drill Core	6.44	<0.005	16.1	217.7	26.9	57	0.5	2.5	10.5	403	2.62	8	2.6	<0.1	5.2	441	0.3	0.8	0.4
1046899	Drill Core	7.22	<0.005	2.6	225.7	18.8	54	0.5	3.1	8.3	318	3.22	5	2.5	<0.1	5.1	464	0.3	1.6	0.7
1046900	Drill Core	2.71	<0.005	10.4	215.0	85.2	287	1.6	3.0	8.3	811	3.66	5	2.3	<0.1	5.1	528	1.8	3.0	0.7
1046901	Drill Core	4.38	0.082	42.8	2830	14.1	42	0.5	11.5	30.3	413	3.61	<1	1.3	<0.1	4.6	299	0.2	0.9	0.2
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2
1046903	Drill Core	6.80	0.063	56.8	2393	20.1	38	0.5	11.7	31.3	413	3.25	3	1.4	<0.1	4.8	428	<0.1	1.5	0.2
1046904	Drill Core	6.33	0.055	59.7	2250	203.6	447	2.4	12.1	28.7	1858	3.52	9	1.3	0.1	4.2	307	2.8	6.5	0.2
1046905	Drill Core	1.97	0.074	51.2	2373	12.4	30	0.5	11.4	23.6	209	3.16	2	1.5	<0.1	5.0	317	<0.1	0.6	0.1
1046906	Rock	0.65	<0.005	0.1	2.7	0.4	<1	<0.1	1.0	0.2	34	0.01	17	1.5	<0.1	<0.1	4451	<0.1	<0.1	<0.1
1046907	Drill Core	4.92	0.077	27.9	2336	18.5	70	0.5	7.8	27.9	230	3.85	<1	1.3	0.2	4.3	305	0.2	0.2	<0.1
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1
1046909	Drill Core	8.10	0.050	145.7	2189	86.7	311	2.4	8.9	32.8	2840	3.71	30	1.4	<0.1	4.3	347	1.9	18.3	0.1
1046910	Drill Core	5.62	0.051	140.3	2013	209.4	546	3.5	10.6	32.1	2210	3.28	45	1.8	<0.1	4.9	386	3.0	30.0	<0.1
1046911	Drill Core	6.47	0.065	96.0	2626	21.0	90	1.0	11.1	30.9	1420	3.12	38	1.5	<0.1	4.6	328	0.4	4.6	<0.1
1046912	Drill Core	6.94	0.055	136.6	1829	100.7	369	2.4	9.2	26.2	2126	2.80	106	1.7	<0.1	5.3	412	1.9	17.8	<0.1
1046913	Drill Core	6.79	0.055	125.9	2050	24.1	103	0.8	8.4	20.4	1677	2.54	60	1.7	<0.1	5.5	434	0.3	4.1	<0.1
1046914	Drill Core	5.02	0.055	61.0	1864	88.0	178	1.5	9.5	26.0	2053	3.27	88	1.9	<0.1	5.9	291	0.9	4.8	<0.1
1046915	Drill Core	3.73	0.047	174.4	1607	260.1	161	1.5	7.9	17.6	2372	2.90	13	1.9	<0.1	5.3	293	0.6	7.1	<0.1



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046886	Drill Core	1.30	0.094	22.5	4	0.52	189	0.090	8.12	1.859	2.85	1.0	42.8	41	2.6	7.7	2.3	0.2	1	5
1046887	Drill Core	4.66	0.039	12.4	2	0.21	26	0.051	4.73	0.130	2.14	1.3	26.7	25	7.2	8.7	1.1	<0.1	<1	3
1046888	Drill Core	2.20	0.081	18.2	3	0.51	52	0.087	7.84	0.988	2.94	0.7	37.2	35	2.9	7.0	2.0	0.2	<1	3
1046889	Rock Pulp	1.62	0.052	9.7	47	0.81	524	0.275	5.42	2.154	0.95	1.4	37.8	19	2.2	12.2	3.8	0.2	<1	10
1046890	Drill Core	2.44	0.096	15.7	3	0.72	100	0.101	8.00	1.435	2.51	0.4	40.6	31	1.5	6.7	2.5	0.2	2	5
1046891	Drill Core	2.31	0.085	18.1	5	0.67	72	0.093	7.96	0.501	2.88	0.5	40.9	34	1.8	6.3	2.4	0.2	1	5
1046892	Drill Core	1.80	0.090	19.5	3	0.61	85	0.098	8.12	0.264	3.03	0.6	41.2	37	1.7	6.6	2.3	0.2	2	5
1046893	Drill Core	1.06	0.044	1.7	5	0.23	456	0.051	5.02	0.077	1.99	1.5	24.8	5	2.5	4.0	1.2	<0.1	<1	3
1046894	Rock	37.68	0.004	0.4	<1	1.71	26	0.001	0.06	0.002	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046895	Drill Core	1.41	0.085	18.0	4	0.40	77	0.084	7.82	0.145	3.65	1.0	40.4	36	4.2	6.0	2.0	0.1	1	5
1046896	Drill Core	1.98	0.094	21.0	3	0.63	73	0.093	8.31	0.426	3.04	0.6	41.2	39	1.7	6.9	2.7	0.2	1	5
1046897	Drill Core	2.34	0.082	24.2	4	0.67	61	0.099	7.89	1.262	2.80	0.6	39.9	51	1.4	7.5	2.8	0.2	1	4
1046898	Drill Core	2.11	0.083	19.2	3	0.68	57	0.094	8.14	2.209	2.34	0.3	40.8	37	1.0	7.2	2.5	0.2	1	4
1046899	Drill Core	2.22	0.097	17.6	3	0.73	39	0.120	8.28	1.986	2.35	0.4	43.1	34	2.1	8.1	3.3	0.3	1	5
1046900	Drill Core	2.31	0.094	18.8	5	0.70	36	0.107	8.23	1.280	2.64	0.4	40.6	37	2.1	7.9	3.1	0.2	1	5
1046901	Drill Core	1.54	0.121	20.0	10	1.08	58	0.122	7.77	1.764	2.39	0.4	19.6	40	1.3	11.6	1.5	<0.1	1	7
1046902	Drill Core	1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1	7
1046903	Drill Core	1.58	0.116	21.3	12	1.02	68	0.121	8.19	1.981	2.58	0.5	24.4	40	1.3	11.3	1.5	<0.1	2	8
1046904	Drill Core	1.53	0.114	18.9	16	1.02	70	0.136	8.25	1.563	3.10	0.5	22.9	36	1.3	11.8	1.4	<0.1	<1	8
1046905	Drill Core	1.41	0.109	18.9	13	0.87	71	0.113	8.26	2.382	2.93	0.3	27.8	39	1.3	11.8	1.5	<0.1	1	8
1046906	Rock	34.61	0.005	0.4	<1	1.91	8	0.001	0.03	0.003	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1046907	Drill Core	1.67	0.121	17.5	10	1.15	76	0.216	8.26	3.197	1.96	0.2	14.0	35	1.1	14.1	1.7	0.1	1	9
1046908	Drill Core	1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2	9
1046909	Drill Core	2.14	0.119	18.3	7	0.98	62	0.141	8.11	1.048	2.47	0.6	17.3	38	1.3	13.6	1.5	<0.1	1	8
1046910	Drill Core	1.83	0.116	16.2	13	0.99	82	0.117	8.02	0.656	2.84	0.9	27.7	32	1.1	11.0	1.5	<0.1	2	7
1046911	Drill Core	2.35	0.098	17.2	15	1.13	214	0.157	8.17	0.482	2.21	0.8	24.9	33	1.0	11.2	1.5	0.1	2	8
1046912	Drill Core	2.42	0.115	21.3	10	1.06	156	0.177	7.75	0.070	2.69	0.8	23.5	40	1.0	11.4	2.6	0.2	1	7
1046913	Drill Core	2.41	0.120	23.7	9	1.03	195	0.197	8.29	0.102	2.39	0.7	24.8	45	1.1	11.2	2.6	0.2	1	8
1046914	Drill Core	2.59	0.133	23.8	11	1.07	167	0.221	8.35	0.317	2.36	0.6	26.1	46	0.9	13.4	3.4	0.2	1	8
1046915	Drill Core	2.62	0.141	20.8	10	1.15	414	0.234	8.51	1.051	2.92	0.8	29.1	41	1.1	13.1	4.1	0.3	1	8



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Project: Poplar Drilling
Report Date: February 16, 2012

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CERTIFICATE OF ANALYSIS

SMI11000694.3

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Ag
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	50
1046886	Drill Core	2.2	100.3	1.6	N.A.
1046887	Drill Core	>10	58.5	0.7	N.A.
1046888	Drill Core	4.9	81.4	1.3	N.A.
1046889	Rock Pulp	0.3	25.1	1.2	N.A.
1046890	Drill Core	2.9	74.7	1.4	N.A.
1046891	Drill Core	3.4	93.1	1.4	N.A.
1046892	Drill Core	3.0	112.8	1.6	N.A.
1046893	Drill Core	5.8	74.1	0.9	N.A.
1046894	Rock	<0.1	<0.1	<0.1	N.A.
1046895	Drill Core	4.5	138.3	1.5	N.A.
1046896	Drill Core	3.6	102.7	1.5	N.A.
1046897	Drill Core	3.5	92.8	1.5	N.A.
1046898	Drill Core	3.1	80.0	1.5	N.A.
1046899	Drill Core	3.8	84.6	1.6	N.A.
1046900	Drill Core	4.3	95.1	1.4	N.A.
1046901	Drill Core	2.9	70.1	0.6	N.A.
1046902	Drill Core	2.4	76.3	0.7	N.A.
1046903	Drill Core	2.6	80.4	0.7	N.A.
1046904	Drill Core	2.9	92.1	0.7	N.A.
1046905	Drill Core	2.6	79.2	0.8	N.A.
1046906	Rock	0.1	<0.1	<0.1	N.A.
1046907	Drill Core	2.5	71.8	0.4	N.A.
1046908	Drill Core	2.5	80.8	0.4	N.A.
1046909	Drill Core	2.7	92.4	0.4	N.A.
1046910	Drill Core	2.4	99.8	0.7	N.A.
1046911	Drill Core	2.1	81.4	0.7	N.A.
1046912	Drill Core	1.8	99.1	0.8	N.A.
1046913	Drill Core	1.5	78.5	0.8	N.A.
1046914	Drill Core	1.7	83.1	0.8	N.A.
1046915	Drill Core	1.3	95.9	1.0	N.A.



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Project: Poplar Drilling

Report Date: February 16, 2012

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QUALITY CONTROL REPORT

SMI11000694.3

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
1046805	Drill Core	6.98	0.031	4.0	1213	9.3	43	0.7	10.6	9.7	406	3.89	3	1.1	<0.1	4.2	717	<0.1	0.2	0.1	79
REP 1046805	QC			4.7	1229	9.6	43	0.7	10.8	10.0	414	3.94	3	1.1	<0.1	4.8	699	<0.1	0.2	0.1	80
1046818	Drill Core	3.93	0.006	3.1	214.4	7.8	45	0.2	8.8	9.1	660	3.32	6	2.6	<0.1	6.2	587	<0.1	0.4	0.1	74
REP 1046818	QC		0.008																		
1046850	Rock	0.52	<0.005	0.2	1.3	<0.1	<1	<0.1	0.5	0.4	33	0.09	9	1.4	<0.1	<0.1	4026	<0.1	<0.1	<0.1	<1
REP 1046850	QC		<0.005																		
1046860	Drill Core	4.26	0.087	20.0	1832	10.9	101	0.7	5.7	15.6	311	3.59	6	1.1	<0.1	3.3	471	0.4	0.6	0.4	58
REP 1046860	QC			19.8	1870	11.5	99	0.6	5.3	16.0	318	3.55	6	1.1	<0.1	3.4	467	0.3	0.5	0.3	58
1046882	Drill Core	3.08	0.023	3.9	292.5	1209	3654	43.4	4.8	7.4	4032	2.88	162	2.5	<0.1	5.6	224	20.9	16.7	0.2	48
REP 1046882	QC		0.019																		
1046883	Drill Core	4.92	<0.005	0.8	36.2	99.1	257	0.8	13.5	8.6	4451	2.73	20	2.8	<0.1	6.7	329	1.2	9.4	<0.1	73
REP 1046883	QC			0.6	32.3	99.8	257	0.7	12.4	8.3	4320	2.61	18	2.8	<0.1	6.3	314	1.2	8.9	<0.1	71
1046902	Drill Core	3.87	0.118	40.4	3774	37.7	96	1.6	12.0	33.9	890	2.89	11	1.5	0.1	4.5	290	0.5	11.9	0.2	65
REP 1046902	QC			42.8	3785	36.1	98	1.6	11.7	31.7	859	2.84	10	1.5	<0.1	4.5	293	0.9	12.5	0.2	64
REP 1046908	QC		0.051																		
Core Reject Duplicates																					
1046803	Drill Core	6.98	0.015	4.7	871.4	12.4	67	0.6	6.9	8.3	520	3.50	4	2.2	<0.1	6.8	680	0.1	0.4	0.1	71
DUP 1046803	QC		0.006	4.2	835.2	12.0	68	0.5	7.8	8.1	514	3.48	5	2.0	<0.1	6.6	670	<0.1	0.3	0.1	72
1046838	Drill Core	6.02	0.006	9.8	163.5	250.1	644	4.3	5.8	10.3	1139	3.20	12	1.9	<0.1	3.6	782	4.1	14.9	0.4	56
DUP 1046838	QC		0.006	9.3	163.5	271.0	594	4.1	5.7	10.2	1150	3.23	12	2.0	<0.1	3.8	767	3.9	15.4	0.4	56
1046873	Drill Core	3.13	0.006	2.3	24.6	120.5	238	1.3	4.0	7.4	296	3.83	9	2.5	<0.1	5.2	175	1.7	0.6	0.6	49
DUP 1046873	QC		0.008	2.2	25.5	125.8	258	1.4	3.3	7.6	297	3.98	10	2.4	<0.1	5.2	183	1.8	0.8	0.7	50
1046908	Drill Core	5.44	0.053	49.9	2086	16.2	68	0.4	7.4	28.1	257	3.89	<1	1.3	<0.1	4.4	357	0.2	0.4	<0.1	90
DUP 1046908	QC		0.052	45.3	2084	16.8	62	0.4	8.3	27.5	245	3.86	<1	1.3	<0.1	4.5	353	0.2	0.3	<0.1	90
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS24P	Standard			1.6	49.4	2.8	112	<0.1	143.3	46.4	1053	7.54	4	0.7	<0.1	2.8	368	0.1	<0.1	<0.1	160
STD OREAS24P	Standard			1.5	49.5	3.0	118	<0.1	139.6	44.0	1032	7.32	2	0.7	<0.1	2.7	366	0.1	0.1	<0.1	156



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000694.3

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1046805	Drill Core	2.70	0.139	16.2	19	1.03	606	0.285	7.49	2.772	2.85	0.3	10.6	33	0.7	11.8	7.4	0.4	<1	7	14.1
REP 1046805	QC	2.74	0.144	17.4	19	1.03	669	0.293	7.60	2.765	2.87	0.3	10.9	36	0.7	12.2	7.3	0.4	1	7	13.2
1046818	Drill Core	2.32	0.116	17.1	14	0.98	1208	0.289	7.86	3.313	2.83	0.9	28.3	33	0.7	11.1	7.8	0.5	<1	7	11.8
REP 1046818	QC																				
1046850	Rock	36.38	0.004	0.3	<1	1.69	10	0.003	0.11	0.018	<0.01	<0.1	0.8	<1	<0.1	0.4	<0.1	<0.1	<1	<1	0.4
REP 1046850	QC																				
1046860	Drill Core	2.26	0.099	9.6	8	0.73	35	0.166	6.71	2.644	1.72	0.4	20.8	21	1.7	8.3	3.5	0.2	<1	5	6.0
REP 1046860	QC	2.28	0.103	10.5	9	0.74	36	0.171	6.93	2.699	1.75	0.4	20.5	23	1.6	8.2	3.4	0.2	1	5	6.6
1046882	Drill Core	1.09	0.093	22.1	6	0.54	1618	0.116	8.18	0.531	3.21	1.9	49.5	39	1.6	7.1	3.4	0.2	2	4	22.5
REP 1046882	QC																				
1046883	Drill Core	3.26	0.135	26.5	22	0.98	1139	0.310	7.94	0.102	3.70	2.9	116.3	48	0.5	8.9	8.6	0.5	1	7	12.6
REP 1046883	QC	3.16	0.126	25.1	22	0.95	1100	0.302	7.73	0.103	3.64	3.1	116.9	47	0.6	9.1	8.1	0.6	1	6	13.0
1046902	Drill Core	1.69	0.108	22.2	13	1.06	123	0.105	7.76	1.119	2.54	0.7	21.9	42	1.7	10.6	1.3	<0.1	<1	7	8.9
REP 1046902	QC	1.67	0.107	23.4	12	1.06	112	0.114	7.56	1.160	2.52	0.7	22.4	45	1.7	11.4	1.4	<0.1	1	7	9.3
REP 1046908	QC																				
Core Reject Duplicates																					
1046803	Drill Core	2.62	0.127	17.8	10	0.83	1358	0.273	8.06	2.977	2.98	0.5	19.1	36	0.7	13.4	7.7	0.5	1	7	14.6
DUP 1046803	QC	2.55	0.132	16.1	9	0.83	1304	0.275	7.98	2.985	2.94	0.5	18.5	34	0.6	12.7	7.5	0.5	1	6	15.1
1046838	Drill Core	2.74	0.105	11.0	7	0.73	60	0.135	6.88	1.222	2.90	0.5	35.2	24	0.9	8.8	2.9	0.2	<1	5	9.9
DUP 1046838	QC	2.68	0.105	11.1	8	0.76	63	0.137	7.09	1.229	2.86	0.4	35.2	25	0.9	9.0	2.9	0.2	1	5	10.0
1046873	Drill Core	0.47	0.101	16.0	7	0.44	79	0.076	7.48	0.279	3.09	1.0	47.9	32	4.9	6.6	1.7	0.2	1	4	7.7
DUP 1046873	QC	0.45	0.099	15.7	7	0.44	80	0.088	7.44	0.279	3.55	1.1	49.4	32	5.1	7.0	2.0	0.2	1	4	8.4
1046908	Drill Core	1.80	0.133	19.1	12	1.12	85	0.217	8.60	3.132	2.12	0.2	15.2	39	1.3	15.6	2.2	0.1	2	9	9.8
DUP 1046908	QC	1.81	0.131	19.2	11	1.13	84	0.224	8.66	3.101	2.07	0.2	15.4	38	1.3	15.2	2.0	0.1	1	8	10.5
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS24P	Standard	5.58	0.131	18.8	199	4.05	285	1.075	7.78	2.577	0.63	0.4	135.7	36	1.7	23.1	19.7	1.1	1	19	7.3
STD OREAS24P	Standard	5.49	0.126	18.8	185	4.07	270	1.051	7.72	2.575	0.65	0.4	133.0	36	1.7	23.2	18.8	1.1	1	19	7.7



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QUALITY CONTROL REPORT

SMI11000694.3

Method		1EX	1EX	1EX	G6Gr
Analyte		S	Rb	Hf	Ag
Unit		%	ppm	ppm	gm/t
MDL		0.1	0.1	0.1	50
Pulp Duplicates					
1046805	Drill Core	0.6	62.8	0.4	N.A.
REP 1046805	QC	0.6	64.7	0.4	
1046818	Drill Core	0.2	75.9	1.0	N.A.
REP 1046818	QC				
1046850	Rock	<0.1	0.2	<0.1	N.A.
REP 1046850	QC				
1046860	Drill Core	3.8	46.1	0.7	N.A.
REP 1046860	QC	3.8	45.2	0.7	
1046882	Drill Core	0.7	128.7	1.7	N.A.
REP 1046882	QC				
1046883	Drill Core	<0.1	133.2	3.3	N.A.
REP 1046883	QC	<0.1	135.6	3.1	
1046902	Drill Core	2.4	76.3	0.7	N.A.
REP 1046902	QC	2.4	74.7	0.6	
REP 1046908	QC				
Core Reject Duplicates					
1046803	Drill Core	0.3	66.5	0.7	N.A.
DUP 1046803	QC	0.3	66.2	0.7	N.A.
1046838	Drill Core	3.3	77.6	1.2	N.A.
DUP 1046838	QC	3.2	78.9	1.2	N.A.
1046873	Drill Core	4.1	81.9	1.7	N.A.
DUP 1046873	QC	4.3	94.4	1.8	N.A.
1046908	Drill Core	2.5	80.8	0.4	N.A.
DUP 1046908	QC	2.5	77.3	0.5	N.A.
Reference Materials					
STD AGPROOF	Standard				97
STD OREAS24P	Standard	<0.1	21.7	3.3	
STD OREAS24P	Standard	<0.1	20.7	3.4	



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.5	50.6	3.3	117	<0.1	146.7	46.3	1143	7.54	4	0.7	<0.1	3.3	390	0.1	0.1	<0.1
STD OREAS24P	Standard			1.6	52.6	3.3	117	<0.1	148.8	45.0	1049	7.53	4	0.7	<0.1	2.9	342	0.2	<0.1	<0.1
STD OREAS45C	Standard			2.1	604.2	24.5	77	0.3	321.6	105.6	1097	18.57	13	2.3	<0.1	10.6	33	0.1	0.7	0.2
STD OREAS45C	Standard			2.1	605.0	26.6	84	0.3	314.5	100.1	1089	17.60	11	2.2	<0.1	10.3	36	0.3	0.8	0.2
STD OREAS45C	Standard			2.7	677.4	29.9	89	0.3	377.9	112.3	1234	20.30	13	2.7	<0.1	12.8	42	0.1	1.0	0.2
STD OREAS45C	Standard			2.1	592.3	25.3	77	0.4	309.3	105.7	1083	18.33	11	2.5	<0.1	10.9	36	0.2	0.9	0.2
STD OXH82	Standard		1.389																	
STD OXH82	Standard		1.296																	
STD OXH82	Standard		1.329																	
STD OXH82	Standard		1.305																	
STD OXH82	Standard		1.301																	
STD OXK79	Standard		3.722																	
STD OXK79	Standard		3.647																	
STD OXK79	Standard		3.768																	
STD OXK79	Standard		3.721																	
STD OXK79	Standard		3.686																	
STD SP49	Standard																			
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
STD SP49 Expected																				
STD AGPROOF Expected																				
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.73	0.129	20.6	197	4.27	302	1.140	8.06	2.631	0.68	0.5	137.9	40	1.7	23.9	20.5	1.2	2	21	8.0
STD OREAS24P	Standard	5.88	0.130	19.5	207	4.00	291	1.057	7.78	2.476	0.66	0.4	130.6	37	1.7	21.4	18.7	1.0	1	19	7.9
STD OREAS45C	Standard	0.49	0.050	27.5	928	0.25	279	1.168	7.43	0.098	0.34	1.1	166.1	51	2.9	13.7	23.2	1.4	<1	61	14.5
STD OREAS45C	Standard	0.48	0.048	28.0	875	0.24	283	1.127	7.19	0.102	0.34	1.0	164.6	52	3.2	13.8	22.0	1.4	<1	59	16.0
STD OREAS45C	Standard	0.53	0.055	33.0	984	0.29	325	1.269	7.65	0.101	0.37	1.2	189.2	59	3.5	16.1	26.7	1.7	<1	66	16.9
STD OREAS45C	Standard	0.49	0.048	28.9	959	0.27	282	1.106	7.28	0.104	0.36	1.0	161.6	51	3.1	12.5	21.8	1.4	1	59	16.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SP49	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD SP49 Expected																					
STD AGPROOF Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6Gr Ag gm/t 50
STD OREAS24P	Standard	<0.1	22.4	3.8	
STD OREAS24P	Standard	<0.1	21.6	3.6	
STD OREAS45C	Standard	<0.1	24.6	4.1	
STD OREAS45C	Standard	<0.1	23.1	4.3	
STD OREAS45C	Standard	<0.1	29.1	5.1	
STD OREAS45C	Standard	<0.1	23.1	4.2	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SP49	Standard				55
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
STD SP49 Expected					60.2
STD AGPROOF Expected					94
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	<0.005	0.2	2.7	19.7	47	<0.1	3.7	4.8	708	2.21	2	3.0	<0.1	8.9	700	0.1	<0.1	0.4	46
G1	Prep Blank	<0.005	0.3	2.2	19.6	53	<0.1	3.2	4.8	761	2.37	1	2.6	<0.1	8.6	735	<0.1	<0.1	0.2	50



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		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	2.24	0.079	28.9	8	0.55	975	0.260	7.42	2.789	3.09	0.2	10.9	57	1.7	15.5	24.1	1.5	3	5
G1	Prep Blank	2.37	0.080	30.1	5	0.57	1059	0.277	7.91	3.006	3.29	0.2	10.5	60	1.6	15.6	25.3	1.4	3	5



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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6Gr Ag gm/t 50
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<50
BLK	Blank				<50
Prep Wash					
G1	Prep Blank	<0.1	112.0	0.5	N.A.
G1	Prep Blank	<0.1	114.8	0.6	N.A.



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Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: December 16, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000695.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_19
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 16, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046916	Drill Core	6.15	0.049	97.4	1360	144.0	163	1.7	7.5	18.0	2295	2.80	17	1.7	<0.1	4.9	306	0.9	9.2	0.1
1046917	Drill Core	6.82	0.093	134.8	2507	92.3	322	2.3	8.8	19.6	1037	2.22	170	2.0	0.3	5.1	421	1.7	14.3	0.1
1046918	Drill Core	6.13	0.077	153.2	2369	19.0	72	1.0	10.8	22.4	701	2.34	9	1.6	<0.1	4.7	384	0.3	0.8	<0.1
1046919	Drill Core	4.41	0.067	328.3	2454	14.3	38	0.6	7.0	12.8	183	1.54	12	1.7	<0.1	6.6	415	0.1	0.3	0.1
1046920	Rock Pulp	0.11	0.946	20.8	5085	6587	>10000	78.0	43.8	18.7	537	8.86	375	2.4	1.0	2.3	170	243.5	121.5	29.5
1046921	Drill Core	2.37	0.053	556.5	1636	48.3	115	0.9	7.1	10.8	428	1.48	56	1.6	<0.1	6.6	303	0.5	6.9	0.1
1046922	Drill Core	5.73	0.085	653.0	2429	94.0	403	2.0	6.0	8.9	774	1.13	158	1.3	0.1	6.5	503	1.7	23.4	0.1
1046923	Drill Core	5.33	0.147	233.9	3541	24.7	56	1.0	9.7	16.1	313	1.48	13	0.9	0.2	5.7	380	0.1	0.6	0.1
1046924	Drill Core	5.42	0.106	134.5	3196	80.3	192	2.0	9.8	22.7	2297	2.45	62	0.9	0.1	4.1	497	1.1	13.6	0.1
1046925	Drill Core	6.44	0.108	111.9	3010	18.0	51	0.8	10.8	16.2	503	2.13	17	1.3	0.2	4.6	445	0.2	1.1	0.2
1046926	Drill Core	5.41	0.091	63.7	2350	16.3	51	0.7	9.9	15.6	311	2.13	13	1.4	<0.1	4.7	459	<0.1	0.7	0.2
1046927	Drill Core	5.60	0.115	80.0	3463	17.0	53	1.1	13.5	17.6	288	2.23	12	1.3	<0.1	4.2	393	<0.1	0.5	0.1
1046928	Drill Core	3.68	0.197	114.7	5671	189.7	427	7.0	16.7	27.6	3178	2.88	495	0.9	0.2	3.7	566	2.3	24.8	0.2
1046929	Drill Core	5.97	0.226	99.5	5507	248.1	518	8.0	17.7	30.9	3419	2.97	558	0.9	0.1	3.7	562	3.0	21.1	0.3
1046930	Drill Core	4.99	0.144	185.3	4493	157.7	501	4.8	14.5	24.7	1893	2.93	643	1.1	0.2	4.2	858	3.3	15.1	0.2
1046931	Drill Core	2.18	0.096	105.7	2613	16.7	76	0.7	10.3	18.0	548	2.50	250	1.1	0.1	3.8	404	0.3	2.5	0.1
1046932	Drill Core	5.82	0.113	70.5	3070	17.0	53	0.8	13.6	18.2	203	2.18	16	1.3	<0.1	3.7	406	0.3	0.4	<0.1
1046933	Drill Core	7.61	0.105	236.3	2788	20.4	52	0.7	11.3	15.0	154	1.83	5	1.1	<0.1	3.5	392	<0.1	0.7	0.1
1046934	Drill Core	6.54	0.154	156.6	3806	34.4	133	1.0	13.8	20.4	174	2.07	3	0.7	0.2	3.5	368	0.9	0.4	<0.1
1046935	Drill Core	6.59	0.149	231.7	3347	15.0	46	0.8	13.5	19.5	147	2.11	4	0.7	0.2	3.3	375	<0.1	0.2	0.1
1046936	Rock Pulp	0.12	0.892	21.6	5407	6490	>10000	77.2	46.6	19.3	547	8.96	385	2.4	1.1	2.4	164	247.3	118.4	30.1
1046937	Drill Core	6.97	0.140	169.4	3726	24.6	80	0.9	13.1	19.6	154	2.22	121	0.8	0.2	3.2	438	0.2	0.4	0.2
1046938	Drill Core	6.88	0.109	217.8	3109	24.3	75	1.0	11.4	14.8	294	2.09	290	0.9	<0.1	3.8	573	0.3	1.2	0.2
1046939	Drill Core	6.47	0.100	135.2	2932	63.6	116	0.9	10.7	15.6	303	2.06	14	0.9	0.2	3.9	504	0.3	0.7	0.1
1046940	Drill Core	6.71	0.129	200.1	3795	15.2	44	0.9	14.5	18.3	151	2.17	5	0.8	<0.1	3.3	382	0.3	0.3	0.1
1046941	Drill Core	6.70	0.169	139.9	4435	38.4	56	1.5	16.5	23.5	170	2.57	3	0.8	0.1	3.4	418	0.2	0.3	<0.1
1046942	Drill Core	4.74	0.170	195.5	4737	58.8	80	1.9	22.7	24.0	330	2.54	26	0.7	0.2	3.4	473	0.4	1.7	0.1
1046943	Drill Core	4.11	0.203	310.8	5249	63.8	103	2.6	18.4	18.2	516	2.37	23	1.1	0.2	3.6	367	0.3	3.1	0.1
1046944	Drill Core	7.37	0.168	225.1	4036	13.8	41	1.1	16.9	14.8	165	2.09	4	0.9	0.1	3.9	466	<0.1	0.3	0.1
1046945	Drill Core	7.57	0.158	248.4	4573	11.9	42	1.0	22.9	16.8	176	2.47	2	0.9	0.1	4.0	432	<0.1	0.2	0.1



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Project: Poplar Drilling
Report Date: December 16, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046916	Drill Core	2.49	0.143	16.0	8	1.12	308	0.218	8.04	1.039	2.75	0.5	28.1	37	1.1	12.0	4.1	0.3	1	7
1046917	Drill Core	2.24	0.121	24.0	7	0.93	216	0.165	7.55	0.713	2.40	1.4	25.1	50	1.4	12.8	2.7	0.2	<1	6
1046918	Drill Core	1.97	0.120	17.4	9	0.90	249	0.193	7.18	2.008	2.64	0.3	27.0	39	1.2	11.2	2.9	0.2	1	6
1046919	Drill Core	1.47	0.068	30.9	6	0.89	1537	0.103	8.56	1.959	3.24	0.4	25.7	56	1.3	9.2	2.0	0.1	1	6
1046920	Rock Pulp	1.78	0.052	10.7	32	0.89	152	0.182	3.91	1.290	0.74	1.2	32.9	24	55.5	12.3	4.7	0.2	<1	8
1046921	Drill Core	1.48	0.070	32.2	6	0.90	1130	0.097	7.49	0.605	2.95	0.5	19.1	59	1.6	8.7	1.8	<0.1	1	6
1046922	Drill Core	1.51	0.057	32.5	4	0.85	1444	0.090	7.96	0.132	2.91	0.6	14.7	57	1.1	7.2	1.7	<0.1	<1	4
1046923	Drill Core	1.14	0.055	17.6	5	0.73	853	0.115	8.15	1.428	3.66	0.5	12.4	33	1.1	7.3	2.3	0.1	<1	5
1046924	Drill Core	2.17	0.096	15.3	7	0.90	218	0.182	7.67	1.197	3.11	0.8	12.7	35	1.2	9.6	2.7	0.2	1	7
1046925	Drill Core	1.95	0.123	16.0	8	0.96	346	0.188	8.04	1.757	3.01	0.4	21.6	35	1.5	9.9	3.1	0.2	1	6
1046926	Drill Core	1.99	0.131	17.1	9	0.98	406	0.214	7.95	2.187	2.72	0.6	25.5	37	1.3	11.4	3.6	0.2	1	7
1046927	Drill Core	1.39	0.119	16.8	13	1.04	346	0.227	7.63	2.911	2.58	0.3	20.0	35	1.5	10.5	3.1	0.2	1	7
1046928	Drill Core	2.20	0.096	17.0	10	0.95	228	0.159	7.21	0.697	2.81	0.7	18.6	38	1.4	9.3	2.0	0.1	<1	6
1046929	Drill Core	2.20	0.102	16.9	10	0.97	185	0.161	7.66	0.605	2.82	0.9	19.1	38	1.6	9.3	2.0	0.1	1	6
1046930	Drill Core	2.64	0.100	20.6	8	1.16	649	0.114	6.72	0.136	2.97	0.6	19.1	40	1.2	10.2	1.5	0.1	2	6
1046931	Drill Core	2.29	0.115	15.3	10	0.96	359	0.204	8.11	0.922	2.80	0.4	21.9	34	0.9	11.8	2.0	0.2	1	7
1046932	Drill Core	1.48	0.114	15.0	15	0.89	537	0.206	6.66	2.855	2.52	0.3	21.5	35	1.0	11.3	2.4	0.2	1	6
1046933	Drill Core	2.55	0.109	18.4	12	0.71	231	0.178	6.19	2.635	3.10	0.5	21.8	39	1.0	12.8	2.0	0.1	<1	5
1046934	Drill Core	2.93	0.077	14.7	11	0.67	94	0.142	5.75	2.648	2.64	0.4	15.1	31	1.1	10.7	1.7	<0.1	1	5
1046935	Drill Core	3.02	0.092	18.8	14	0.83	97	0.188	5.90	2.933	2.80	0.4	17.1	39	1.2	13.1	2.1	0.1	1	5
1046936	Rock Pulp	1.80	0.054	10.5	31	0.89	92	0.192	3.86	1.357	0.74	1.1	33.8	24	55.6	12.5	4.5	0.2	<1	7
1046937	Drill Core	2.43	0.094	14.4	12	0.73	146	0.156	6.14	2.242	3.55	0.4	17.0	32	1.4	11.3	1.8	0.1	1	5
1046938	Drill Core	2.27	0.100	19.5	10	0.85	247	0.161	7.18	1.548	3.08	0.5	19.7	41	1.0	10.4	1.9	0.1	1	6
1046939	Drill Core	2.75	0.097	17.6	12	0.75	116	0.164	6.48	2.517	3.32	0.5	19.4	39	1.0	11.9	2.0	0.1	<1	6
1046940	Drill Core	2.61	0.095	14.3	17	0.86	129	0.178	5.66	2.688	2.58	0.4	18.5	32	1.2	11.9	2.4	0.1	<1	5
1046941	Drill Core	2.98	0.100	16.2	13	0.90	94	0.208	5.84	2.886	2.88	0.4	15.4	37	1.1	13.3	2.8	0.2	1	6
1046942	Drill Core	3.16	0.100	16.9	12	0.85	109	0.186	5.85	2.140	2.84	0.3	16.1	38	1.2	12.6	2.2	0.1	1	5
1046943	Drill Core	2.92	0.096	28.5	13	1.02	163	0.175	5.86	1.889	2.91	0.5	17.0	61	1.4	14.0	2.1	0.1	<1	6
1046944	Drill Core	3.32	0.098	20.7	18	0.94	106	0.227	6.31	2.974	2.17	0.4	19.6	44	1.3	15.1	3.2	0.2	1	6
1046945	Drill Core	3.31	0.113	23.2	31	1.20	114	0.278	6.27	2.621	2.04	0.3	17.9	47	1.4	15.1	4.2	0.3	1	7



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Project: Poplar Drilling
Report Date: December 16, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046916	Drill Core	1.2	75.6	0.8
1046917	Drill Core	1.3	63.7	0.8
1046918	Drill Core	1.4	66.6	0.8
1046919	Drill Core	1.1	77.1	0.9
1046920	Rock Pulp	9.5	21.7	1.0
1046921	Drill Core	1.1	78.6	0.6
1046922	Drill Core	0.7	75.2	0.5
1046923	Drill Core	1.1	73.0	0.4
1046924	Drill Core	1.5	74.1	0.4
1046925	Drill Core	1.2	74.0	0.7
1046926	Drill Core	1.0	69.8	0.8
1046927	Drill Core	1.1	74.5	0.7
1046928	Drill Core	1.7	84.3	0.5
1046929	Drill Core	1.8	83.3	0.5
1046930	Drill Core	2.0	83.9	0.5
1046931	Drill Core	1.1	53.9	0.7
1046932	Drill Core	1.1	60.0	0.6
1046933	Drill Core	2.1	54.3	0.6
1046934	Drill Core	2.9	50.9	0.5
1046935	Drill Core	2.8	48.4	0.5
1046936	Rock Pulp	9.7	21.6	0.9
1046937	Drill Core	2.4	59.0	0.5
1046938	Drill Core	1.4	57.8	0.6
1046939	Drill Core	2.3	64.8	0.6
1046940	Drill Core	2.6	48.0	0.5
1046941	Drill Core	3.1	54.9	0.4
1046942	Drill Core	2.8	59.7	0.4
1046943	Drill Core	2.1	68.3	0.5
1046944	Drill Core	2.6	50.9	0.6
1046945	Drill Core	2.5	54.3	0.5



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: December 16, 2011

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046946	Drill Core	6.73	0.117	147.4	3002	13.3	44	0.8	23.2	14.8	187	2.57	2	1.3	<0.1	4.2	479	<0.1	<0.1	<0.1
1046947	Drill Core	7.15	0.181	277.6	5110	10.9	40	1.3	29.8	15.4	162	2.46	<1	1.3	0.2	4.3	416	<0.1	<0.1	<0.1
1046948	Drill Core	6.34	0.206	212.1	4352	20.3	46	1.1	26.1	15.1	164	1.97	<1	0.9	0.2	4.2	408	<0.1	<0.1	<0.1
1046949	Drill Core	5.47	0.138	272.9	3735	12.2	44	0.8	35.8	13.0	152	2.14	2	0.9	0.1	5.0	507	0.2	0.1	0.2
1046950	Drill Core	7.28	0.109	276.6	2898	12.8	46	0.7	37.1	10.9	156	1.90	3	0.6	<0.1	4.9	381	0.2	0.2	0.1
1046951	Drill Core	7.37	0.146	225.1	3613	28.9	64	1.0	40.5	11.9	443	2.05	10	0.7	<0.1	4.9	401	0.1	0.8	<0.1
1046952	Drill Core	6.84	0.058	124.4	1813	22.7	47	0.5	45.5	12.4	199	2.02	2	0.7	<0.1	5.7	379	<0.1	0.3	<0.1
1046953	Drill Core	6.82	0.125	273.5	3728	24.6	81	1.5	40.1	11.9	365	2.11	2	0.7	0.2	4.7	447	0.2	0.5	<0.1
1046954	Rock	0.43	<0.005	0.3	4.1	0.2	<1	<0.1	0.4	0.3	33	0.01	18	1.3	<0.1	<0.1	4446	<0.1	<0.1	<0.1
1046955	Drill Core	6.20	0.213	199.3	5864	18.8	53	1.8	55.4	18.9	275	2.25	2	0.8	0.2	5.4	360	0.2	0.4	0.1
1046956	Drill Core	7.05	0.102	563.1	3156	19.1	54	1.0	35.7	11.0	255	1.67	4	0.7	<0.1	4.9	497	0.4	0.4	<0.1
1046957	Drill Core	2.96	0.104	209.1	3279	22.6	62	1.0	23.9	12.6	319	1.79	5	0.8	<0.1	3.9	553	0.2	0.4	<0.1
1046958	Drill Core	7.21	0.175	225.7	5225	144.8	648	5.4	27.0	36.0	1735	2.21	16	0.9	0.2	3.7	432	4.0	10.4	0.1
1046959	Drill Core	7.11	0.130	162.6	4257	29.1	65	1.3	21.2	15.4	453	2.12	4	0.8	0.1	3.7	563	0.2	0.6	<0.1
1046960	Drill Core	4.31	0.127	191.7	4501	27.0	63	1.8	22.3	16.0	387	2.06	7	0.7	0.2	3.4	582	0.2	0.4	<0.1
1046961	Drill Core	6.53	0.150	295.8	5071	26.3	66	2.1	24.7	15.5	494	2.09	81	0.8	<0.1	3.7	374	0.3	0.6	0.1
1046962	Drill Core	4.11	0.145	235.3	5444	31.2	68	3.0	23.8	15.0	436	2.06	27	0.8	0.1	4.2	594	0.2	0.5	0.1
1046963	Drill Core	7.10	0.153	214.7	4859	12.8	39	1.2	21.7	13.6	175	1.96	8	0.7	0.2	3.8	728	0.3	0.2	<0.1
1046964	Rock Pulp	0.14	0.873	156.4	3505	54.6	143	3.0	30.3	22.2	545	5.09	68	1.2	0.7	2.7	248	0.8	8.8	0.7
1046965	Drill Core	8.52	0.028	25.2	936.8	11.1	29	0.3	8.5	12.3	41	4.42	<1	1.9	<0.1	4.7	216	0.3	0.2	0.5
1046966	Drill Core	10.62	0.027	25.2	770.6	15.1	55	0.2	8.8	13.9	112	3.96	1	2.5	<0.1	6.2	384	0.4	0.3	0.4
1046967	Drill Core	11.60	0.020	72.6	884.9	10.6	49	0.2	8.1	11.6	106	3.61	1	2.4	<0.1	6.4	327	0.4	0.1	0.3
1046968	Drill Core	11.92	0.024	61.2	1122	12.8	40	0.2	8.4	13.6	94	3.77	1	2.2	<0.1	5.9	236	0.2	0.2	0.4
1046969	Drill Core	10.64	0.018	29.1	596.5	8.3	29	0.2	5.0	8.9	106	2.99	<1	1.8	<0.1	6.3	338	0.1	<0.1	0.3
1046970	Drill Core	9.88	0.031	26.3	625.4	10.4	41	0.2	5.7	11.8	125	3.38	<1	1.7	<0.1	5.5	333	0.1	0.3	0.4
1046971	Drill Core	10.41	0.021	30.1	618.5	12.7	49	0.3	6.8	13.0	251	3.52	1	1.5	<0.1	4.3	490	0.2	0.5	0.4
1046972	Drill Core	11.87	0.029	22.2	972.5	127.6	931	7.8	5.7	11.8	2149	4.15	6	1.1	<0.1	3.3	647	5.9	47.5	4.0
1046973	Rock	0.58	<0.005	<0.1	1.6	0.3	<1	<0.1	1.2	0.2	30	0.03	17	1.2	<0.1	<0.1	4470	<0.1	0.3	<0.1
1046974	Drill Core	8.18	0.024	20.9	653.4	49.4	171	0.6	5.7	11.6	1337	3.57	4	1.2	<0.1	4.3	604	0.8	3.1	0.4
1046975	Drill Core	12.55	0.018	10.6	715.1	108.9	316	0.7	7.7	10.3	1638	3.90	2	1.1	<0.1	4.7	469	1.6	2.4	0.2



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Project: Poplar Drilling
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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046946	Drill Core	2.77	0.127	32.6	40	1.56	199	0.346	6.31	3.199	2.02	0.3	25.0	66	1.4	16.1	5.6	0.3	1	9
1046947	Drill Core	2.45	0.121	35.5	34	1.43	135	0.306	5.63	2.907	2.31	0.3	21.8	68	1.5	15.0	4.8	0.3	1	8
1046948	Drill Core	2.45	0.091	23.6	32	1.00	119	0.243	5.26	2.948	2.66	0.4	18.3	48	1.0	13.5	3.2	0.2	<1	7
1046949	Drill Core	2.54	0.084	25.0	54	1.11	186	0.282	6.58	3.111	2.57	0.3	20.9	50	1.2	14.8	3.1	0.3	1	10
1046950	Drill Core	2.27	0.055	21.5	70	1.09	220	0.269	6.38	2.965	2.75	0.4	13.2	41	1.2	12.7	2.2	0.2	<1	11
1046951	Drill Core	2.27	0.065	21.7	69	1.06	198	0.267	6.29	2.720	2.64	0.3	12.7	44	1.0	12.4	2.6	0.1	<1	12
1046952	Drill Core	1.78	0.081	18.4	73	1.24	302	0.308	7.03	3.303	2.95	0.4	13.2	37	0.9	13.5	2.8	0.2	2	14
1046953	Drill Core	2.38	0.066	20.5	67	1.01	161	0.246	6.31	2.644	2.53	0.3	11.3	42	1.1	11.8	3.2	0.2	2	11
1046954	Rock	34.08	0.003	0.3	<1	1.31	9	0.001	0.05	0.005	<0.01	<0.1	0.3	<1	<0.1	0.3	0.2	<0.1	<1	<1
1046955	Drill Core	2.37	0.062	22.7	81	0.98	155	0.252	5.87	2.702	2.27	0.3	11.7	46	1.2	13.6	2.9	0.2	1	10
1046956	Drill Core	3.33	0.057	30.2	69	0.98	113	0.265	5.93	2.428	2.93	0.3	9.6	59	1.0	15.8	2.9	0.2	<1	11
1046957	Drill Core	3.67	0.125	20.6	12	0.93	139	0.226	6.33	2.322	2.63	0.5	18.5	44	1.0	15.8	3.2	0.2	<1	7
1046958	Drill Core	2.76	0.105	21.6	11	0.94	200	0.196	6.78	1.233	3.03	0.9	17.1	44	1.2	12.3	2.6	0.2	2	7
1046959	Drill Core	2.99	0.112	19.2	12	0.96	108	0.255	6.71	2.418	2.80	0.4	17.3	42	1.0	14.5	4.2	0.2	<1	7
1046960	Drill Core	3.10	0.103	17.6	13	0.97	116	0.246	6.58	2.532	2.69	0.4	16.8	38	1.0	13.0	4.0	0.3	1	7
1046961	Drill Core	2.42	0.114	24.3	12	0.87	485	0.244	7.07	1.479	2.36	0.4	17.9	49	1.0	13.0	3.3	0.2	<1	8
1046962	Drill Core	2.28	0.098	23.9	10	0.80	250	0.234	6.61	1.935	2.94	0.4	16.4	47	1.2	11.9	3.5	0.2	<1	7
1046963	Drill Core	2.72	0.107	23.0	13	0.85	163	0.243	6.53	2.487	2.86	0.3	16.9	46	1.0	13.6	4.1	0.2	<1	7
1046964	Rock Pulp	0.47	0.120	15.7	51	0.86	125	0.291	9.58	1.291	3.75	28.2	26.0	31	3.4	12.2	3.9	0.2	<1	16
1046965	Drill Core	0.46	0.142	19.3	9	0.57	41	0.099	7.31	1.927	2.38	0.3	21.7	43	1.4	13.9	1.2	<0.1	<1	7
1046966	Drill Core	1.34	0.181	22.4	11	0.80	51	0.144	9.29	2.513	2.23	0.3	27.7	48	1.5	15.1	2.0	0.1	2	8
1046967	Drill Core	1.31	0.160	23.8	9	0.88	612	0.136	8.25	2.446	2.11	0.2	23.8	49	1.5	15.2	1.7	0.1	1	8
1046968	Drill Core	1.09	0.159	22.2	8	0.76	221	0.072	8.68	2.004	2.28	0.2	26.2	47	1.6	11.1	1.2	<0.1	1	7
1046969	Drill Core	1.54	0.121	25.1	8	0.85	1144	0.100	7.82	2.789	1.58	0.3	22.8	46	1.1	11.4	1.3	<0.1	1	7
1046970	Drill Core	1.52	0.140	19.2	9	0.79	180	0.098	7.85	2.228	1.94	0.3	24.5	39	2.3	11.0	1.5	<0.1	<1	7
1046971	Drill Core	2.31	0.139	14.6	9	0.79	41	0.099	8.15	1.971	1.91	0.4	21.8	31	1.4	9.5	1.1	<0.1	<1	7
1046972	Drill Core	2.27	0.114	11.1	7	0.59	42	0.101	6.62	0.486	2.42	0.5	18.5	26	3.8	6.7	1.6	<0.1	1	6
1046973	Rock	32.87	0.005	0.2	<1	1.93	10	0.002	0.08	0.004	<0.01	<0.1	0.6	<1	<0.1	0.4	0.1	<0.1	<1	<1
1046974	Drill Core	3.74	0.107	15.1	6	0.83	70	0.146	6.60	0.399	2.01	0.2	17.2	31	1.6	7.1	1.6	0.1	1	6
1046975	Drill Core	3.06	0.119	14.2	7	0.80	59	0.101	6.68	1.174	2.12	0.2	18.1	29	2.1	7.5	1.8	0.1	1	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046946	Drill Core	1.9	55.1	0.7
1046947	Drill Core	2.2	68.4	0.7
1046948	Drill Core	2.2	59.5	0.5
1046949	Drill Core	2.1	70.8	0.6
1046950	Drill Core	1.9	71.1	0.4
1046951	Drill Core	1.7	73.5	0.3
1046952	Drill Core	1.3	78.7	0.4
1046953	Drill Core	1.8	67.7	0.3
1046954	Rock	<0.1	0.3	<0.1
1046955	Drill Core	2.2	62.3	0.3
1046956	Drill Core	2.5	67.5	0.3
1046957	Drill Core	2.3	60.3	0.5
1046958	Drill Core	1.8	86.7	0.5
1046959	Drill Core	2.0	70.5	0.6
1046960	Drill Core	2.1	63.7	0.5
1046961	Drill Core	1.0	57.9	0.5
1046962	Drill Core	1.3	73.9	0.5
1046963	Drill Core	1.8	62.2	0.5
1046964	Rock Pulp	2.6	130.6	0.8
1046965	Drill Core	4.4	58.4	0.8
1046966	Drill Core	3.4	65.3	1.0
1046967	Drill Core	3.1	61.2	0.9
1046968	Drill Core	3.6	58.3	1.0
1046969	Drill Core	2.9	47.0	0.7
1046970	Drill Core	3.2	54.3	0.9
1046971	Drill Core	3.7	46.0	0.9
1046972	Drill Core	4.5	74.9	0.6
1046973	Rock	<0.1	0.3	<0.1
1046974	Drill Core	4.9	62.5	0.6
1046975	Drill Core	5.0	65.8	0.6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1046976	Drill Core	12.31	0.018	20.5	682.8	76.0	251	0.6	7.5	10.0	1152	3.43	2	1.1	<0.1	3.9	512	1.2	3.4	0.1
1046977	Drill Core	6.01	0.020	20.7	676.5	79.7	291	0.6	7.2	10.9	1376	3.62	3	1.2	<0.1	3.9	496	1.5	3.1	0.1
1046978	Drill Core	12.01	0.025	23.3	811.0	217.1	451	0.6	7.0	12.0	796	3.74	2	1.2	<0.1	3.9	529	2.8	1.4	0.2
1046979	Drill Core	13.11	0.032	16.6	1158	76.1	181	0.6	7.1	16.5	670	4.51	2	1.0	<0.1	3.7	440	1.1	1.7	0.2
1046980	Drill Core	11.19	0.032	26.1	872.2	335.7	362	1.5	7.8	14.0	1322	3.95	4	1.2	<0.1	3.8	542	2.2	4.5	0.2
1046981	Drill Core	12.55	0.030	16.5	843.6	44.5	101	0.5	8.2	12.3	652	4.18	3	1.3	<0.1	3.9	634	0.6	2.3	0.2
1046982	Drill Core	11.07	0.022	21.2	777.4	23.6	75	0.4	7.0	11.3	491	4.17	2	1.4	<0.1	3.9	474	0.4	0.7	0.2
1046983	Drill Core	4.25	0.032	16.8	1015	30.5	66	0.5	9.1	16.0	724	4.23	2	1.2	<0.1	4.2	538	0.4	0.8	0.3
1046984	Drill Core	12.35	0.026	26.9	903.6	54.7	214	0.8	9.2	14.7	1045	3.82	3	1.2	<0.1	4.5	420	1.0	1.6	0.5
1046985	Drill Core	12.74	0.023	35.5	876.8	23.4	68	0.4	9.9	11.2	237	3.29	4	1.2	<0.1	4.6	582	0.3	1.0	0.3
1046986	Drill Core	11.76	0.028	21.6	903.8	23.7	74	0.4	7.3	11.9	226	3.21	4	1.3	<0.1	4.9	621	0.5	0.5	0.3
1046987	Drill Core	5.04	0.053	39.6	1659	46.6	102	0.8	12.7	15.4	339	4.43	2	1.2	<0.1	4.1	507	0.5	0.4	0.5
1046988	Drill Core	4.13	0.034	79.4	1218	19.0	59	0.5	49.3	18.7	440	4.29	4	4.0	<0.1	3.8	645	0.3	1.3	0.4
1046989	Drill Core	2.93	<0.005	1.8	25.7	15.7	72	<0.1	8.0	5.6	537	1.88	6	3.9	<0.1	9.4	625	0.2	1.3	0.3
1046990	Drill Core	6.51	<0.005	2.1	39.6	9.2	46	0.1	9.2	7.9	474	2.26	4	3.9	<0.1	8.5	587	0.2	0.9	0.2
1046991	Drill Core	6.77	<0.005	2.6	53.4	6.2	29	0.2	7.8	6.2	467	2.08	4	3.1	<0.1	6.7	493	<0.1	0.7	0.1
1046992	Drill Core	7.15	0.033	10.3	1193	119.6	647	2.2	7.8	18.8	2129	4.02	6	1.2	<0.1	4.3	406	3.5	2.6	0.4
1046993	Drill Core	3.47	0.027	8.9	1242	143.7	1279	1.9	5.9	13.3	2431	2.96	7	0.8	<0.1	4.8	491	6.5	2.6	0.4
1046994	Drill Core	5.39	0.021	5.9	1018	64.2	267	1.2	5.7	12.8	1423	3.10	3	0.8	<0.1	4.4	545	1.5	0.7	0.2
1046995	Drill Core	6.71	0.026	2.4	1055	123.7	384	1.7	6.3	16.6	2264	4.05	6	1.0	<0.1	4.5	439	2.3	2.3	0.5
1046996	Drill Core	5.07	0.016	3.6	983.2	120.9	313	1.7	6.3	15.3	1967	3.28	19	1.5	<0.1	4.7	341	1.7	7.6	0.5
1046997	Rock Pulp	0.12	0.915	22.2	5334	6442	>10000	73.0	47.8	19.5	529	9.09	384	2.1	0.9	2.2	156	231.2	97.1	27.9
1046998	Drill Core	6.24	<0.005	2.3	25.3	104.8	357	0.5	2.4	3.0	2356	1.11	12	15.9	<0.1	12.0	355	1.9	3.1	0.2
1046999	Drill Core	6.35	<0.005	0.6	3.0	68.3	201	0.2	3.2	2.5	1549	1.18	5	3.6	<0.1	12.7	323	0.6	1.2	<0.1
1047000	Drill Core	6.51	<0.005	0.9	1.8	57.3	210	0.3	2.4	2.2	1309	1.25	3	3.8	<0.1	12.6	279	0.8	1.1	<0.1
1047001	Drill Core	6.87	<0.005	0.6	1.8	69.0	192	1.2	3.7	2.5	1484	1.14	6	5.9	<0.1	12.8	303	0.5	1.4	0.1
1047002	Drill Core	6.77	<0.005	0.5	1.6	46.2	158	0.4	2.5	2.7	2095	1.14	7	4.1	<0.1	12.3	270	0.5	1.3	<0.1
1047003	Drill Core	6.87	<0.005	0.5	1.6	48.2	154	0.3	3.2	2.5	1971	1.14	5	5.8	<0.1	12.4	283	0.4	1.3	0.1
1047004	Drill Core	6.93	<0.005	0.3	0.9	42.1	142	0.2	2.4	2.0	1107	1.04	2	2.8	<0.1	10.8	286	0.5	0.9	0.1
1047005	Drill Core	5.52	<0.005	2.3	38.7	107.3	218	1.0	3.1	2.9	2701	1.26	8	17.2	<0.1	11.4	409	0.8	3.3	0.4



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1046976	Drill Core	2.70	0.125	12.2	9	0.95	81	0.180	6.60	1.663	2.17	0.2	19.9	28	1.2	8.5	3.2	0.2	<1	7
1046977	Drill Core	2.59	0.121	13.1	10	0.97	67	0.178	6.98	1.646	2.31	0.2	20.4	28	1.3	9.1	3.3	0.2	<1	7
1046978	Drill Core	3.05	0.119	14.3	9	1.00	61	0.175	6.91	1.562	1.97	0.2	25.0	31	1.3	8.9	2.9	0.2	1	7
1046979	Drill Core	2.38	0.118	11.8	10	0.85	36	0.144	6.51	1.678	2.06	0.2	19.9	26	1.8	8.3	2.3	0.1	1	6
1046980	Drill Core	2.87	0.123	13.0	11	0.87	51	0.163	6.66	1.805	2.27	0.2	26.5	28	1.6	8.4	2.8	0.2	<1	6
1046981	Drill Core	3.34	0.116	14.9	10	0.75	47	0.144	6.56	1.640	1.86	0.1	28.2	32	1.5	9.7	2.7	0.2	1	6
1046982	Drill Core	2.72	0.120	15.1	11	0.86	55	0.183	6.88	1.809	1.97	0.1	28.9	31	1.4	8.9	3.7	0.2	1	6
1046983	Drill Core	2.55	0.133	14.5	10	0.90	59	0.175	6.88	1.570	1.88	0.1	24.7	31	1.2	8.6	2.5	0.1	1	7
1046984	Drill Core	2.68	0.119	18.2	9	0.75	56	0.133	7.31	1.858	2.18	0.2	16.9	36	1.5	10.2	2.0	0.1	<1	5
1046985	Drill Core	2.76	0.116	16.2	15	0.80	59	0.172	7.78	2.147	2.17	0.3	20.5	33	1.5	11.7	2.7	0.2	1	6
1046986	Drill Core	2.90	0.114	18.2	8	0.83	37	0.153	7.72	2.086	2.14	0.2	20.9	37	1.4	11.2	1.9	0.1	1	6
1046987	Drill Core	2.47	0.112	14.1	10	0.67	32	0.148	6.96	1.960	2.22	0.3	16.9	29	1.7	9.3	2.0	<0.1	1	6
1046988	Drill Core	2.04	0.074	20.6	57	0.84	40	0.184	8.40	1.782	3.23	0.3	16.0	44	1.5	11.2	1.9	0.1	2	12
1046989	Drill Core	2.19	0.104	21.2	10	0.81	1070	0.263	8.24	1.145	3.39	0.8	95.8	39	0.8	11.1	11.3	0.8	2	5
1046990	Drill Core	2.79	0.097	18.9	10	0.85	1062	0.242	7.54	1.260	3.26	1.5	87.6	36	0.7	9.8	9.9	0.8	2	5
1046991	Drill Core	3.06	0.090	14.2	10	0.78	920	0.237	6.44	1.210	2.91	1.8	86.2	29	0.6	8.7	10.0	0.7	2	4
1046992	Drill Core	2.85	0.116	14.9	8	0.89	43	0.169	7.30	0.596	2.58	0.3	20.6	31	1.1	9.8	3.5	0.2	<1	6
1046993	Drill Core	3.08	0.109	18.1	8	0.90	80	0.168	7.34	0.671	2.67	0.4	17.1	36	1.3	10.0	3.6	0.2	1	5
1046994	Drill Core	2.96	0.119	14.1	8	0.79	109	0.194	7.28	1.426	2.31	0.2	16.9	29	1.3	9.5	4.4	0.3	<1	6
1046995	Drill Core	3.24	0.111	17.3	7	0.83	37	0.150	7.32	0.533	2.48	0.6	17.0	34	1.7	9.1	3.3	0.2	<1	6
1046996	Drill Core	3.01	0.117	16.3	9	0.79	88	0.176	7.67	0.443	2.78	0.3	21.9	34	1.5	10.0	4.3	0.3	1	6
1046997	Rock Pulp	1.83	0.052	11.5	30	0.91	38	0.201	3.94	1.283	0.69	1.2	30.6	24	51.4	12.4	4.4	0.2	<1	7
1046998	Drill Core	1.95	0.070	21.4	4	0.52	997	0.086	6.64	0.074	3.54	1.1	42.0	38	0.6	9.2	8.8	0.8	1	2
1046999	Drill Core	1.91	0.075	20.3	5	0.45	877	0.082	6.47	0.062	3.09	1.1	46.0	36	0.6	9.7	9.2	0.9	1	2
1047000	Drill Core	2.04	0.074	20.8	4	0.43	913	0.089	7.07	0.064	3.13	0.9	45.3	36	0.6	10.1	9.8	0.9	2	2
1047001	Drill Core	1.74	0.079	21.2	4	0.39	910	0.086	6.82	0.062	3.99	1.0	45.2	38	0.5	9.5	9.2	0.9	1	2
1047002	Drill Core	1.91	0.066	19.4	4	0.44	903	0.080	6.93	0.072	4.09	0.9	44.4	34	0.5	9.9	9.0	0.8	1	2
1047003	Drill Core	1.83	0.069	21.0	3	0.41	864	0.080	6.79	0.076	4.29	0.9	45.0	37	0.5	9.7	8.9	0.8	2	2
1047004	Drill Core	1.89	0.059	18.1	3	0.31	786	0.076	5.83	0.073	3.71	0.8	37.8	31	0.4	8.2	7.6	0.7	1	2
1047005	Drill Core	2.13	0.070	18.2	4	0.47	1149	0.090	6.55	0.095	3.27	1.0	44.0	32	0.5	9.9	8.9	0.8	2	2



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1046976	Drill Core	3.6	60.7	0.7
1046977	Drill Core	3.7	67.2	0.7
1046978	Drill Core	4.2	55.5	0.7
1046979	Drill Core	5.2	54.9	0.6
1046980	Drill Core	4.5	58.7	0.7
1046981	Drill Core	5.4	52.4	0.9
1046982	Drill Core	4.1	56.0	1.0
1046983	Drill Core	4.2	51.7	0.8
1046984	Drill Core	4.0	55.8	0.6
1046985	Drill Core	3.8	51.3	0.7
1046986	Drill Core	3.7	50.6	0.8
1046987	Drill Core	4.8	50.7	0.5
1046988	Drill Core	4.1	74.0	0.4
1046989	Drill Core	0.2	109.7	3.0
1046990	Drill Core	0.1	95.7	2.8
1046991	Drill Core	<0.1	76.0	2.6
1046992	Drill Core	3.9	82.8	0.7
1046993	Drill Core	3.4	92.6	0.6
1046994	Drill Core	3.3	69.1	0.6
1046995	Drill Core	4.5	83.0	0.7
1046996	Drill Core	3.8	86.0	0.8
1046997	Rock Pulp	9.3	21.9	0.9
1046998	Drill Core	0.5	147.1	2.0
1046999	Drill Core	0.4	122.5	2.1
1047000	Drill Core	0.5	117.8	2.1
1047001	Drill Core	0.3	161.3	2.0
1047002	Drill Core	0.4	164.5	1.9
1047003	Drill Core	0.4	171.1	2.0
1047004	Drill Core	0.4	158.3	1.7
1047005	Drill Core	0.4	135.1	1.9



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Poplar Drilling

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December 16, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047006	Drill Core	2.43	<0.005	1.8	74.4	133.1	259	1.7	2.8	3.0	2622	1.38	15	13.4	<0.1	11.1	408	1.1	4.4	0.4
1047007	Drill Core	5.91	0.082	2.9	1130	243.7	862	4.9	6.5	12.4	3624	4.00	13	1.3	<0.1	4.7	422	4.8	9.7	10.1
1047008	Drill Core	7.25	0.027	5.8	921.4	25.2	107	0.7	6.7	10.1	1738	3.04	7	0.9	<0.1	3.9	500	0.3	1.4	0.2
1047009	Drill Core	7.10	0.157	10.4	1114	54.4	5349	4.3	7.6	11.2	3462	3.39	9	0.9	<0.1	4.0	464	26.3	2.8	4.0
1047010	Drill Core	6.89	0.022	5.2	621.3	32.5	180	1.2	6.1	9.6	2791	3.33	7	0.9	<0.1	4.4	473	0.9	3.4	0.2
1047011	Drill Core	7.26	0.038	23.2	1176	71.6	234	2.9	6.9	10.9	5118	3.71	15	1.0	<0.1	4.7	449	1.0	17.6	0.4
1047012	Drill Core	6.85	0.048	3.8	1419	28.5	133	1.2	6.2	11.5	1903	3.40	5	0.8	<0.1	4.1	382	0.7	4.1	0.2
1047013	Drill Core	5.74	0.099	3.9	3985	47.0	267	3.3	7.2	13.8	999	3.84	6	0.9	<0.1	4.6	385	1.6	2.3	0.2
1047014	Drill Core	3.70	0.066	2.1	1709	90.6	216	2.2	6.7	13.0	1008	4.12	4	0.7	<0.1	4.1	473	1.5	1.4	0.4
1047015	Rock	0.75	<0.005	<0.1	9.9	0.3	<1	<0.1	<0.1	<0.2	35	0.08	10	1.2	<0.1	<0.1	4185	<0.1	<0.1	<0.1
1047016	Drill Core	6.24	0.054	3.3	1542	103.7	918	2.6	7.6	14.4	1028	4.29	5	0.8	<0.1	4.4	494	4.6	2.2	0.4
1047017	Drill Core	6.47	0.079	4.7	2476	142.6	664	7.4	7.9	17.6	1668	4.37	19	1.1	<0.1	4.0	576	2.9	2.5	0.3
1047018	Drill Core	5.20	0.007	0.6	17.0	28.8	108	0.2	2.1	2.4	2823	1.21	6	4.6	<0.1	11.6	420	0.4	3.1	0.2
1047019	Drill Core	3.21	<0.005	0.4	2.9	27.0	110	<0.1	3.1	2.3	2125	1.31	13	4.5	<0.1	12.7	387	0.2	1.0	<0.1
1047020	Drill Core	5.31	0.041	2.5	790.0	237.4	555	14.1	3.9	7.1	2932	2.18	63	5.9	<0.1	10.4	493	2.7	41.9	0.7
1047021	Drill Core	3.98	0.086	2.2	1673	106.5	181	3.0	4.4	8.6	2064	3.34	12	6.4	<0.1	8.8	425	0.9	6.4	0.4
1047022	Drill Core	6.90	0.141	5.9	3240	55.4	229	3.6	5.8	15.0	890	4.66	9	0.9	0.1	4.2	356	1.1	1.5	0.7
1047023	Drill Core	6.91	0.099	2.9	2393	16.3	67	1.2	6.4	12.9	596	3.83	4	0.5	<0.1	4.3	400	0.2	0.6	0.4
1047024	Drill Core	6.83	0.142	2.3	3350	32.6	143	2.1	6.3	12.5	477	3.52	5	0.3	0.2	4.2	617	1.0	1.5	0.2
1047025	Rock Pulp	0.11	0.906	21.0	5164	6194	>10000	66.8	44.0	19.1	584	8.61	317	2.1	0.8	2.2	155	216.9	108.6	25.4
1047026	Drill Core	7.27	0.090	4.5	1863	12.4	48	0.5	6.3	13.5	226	4.71	2	0.5	<0.1	4.5	656	<0.1	0.6	0.3
1047027	Drill Core	6.72	0.118	4.2	2673	61.2	135	1.6	6.5	12.1	668	3.68	6	0.5	0.1	4.6	657	0.5	1.7	<0.1
1047028	Drill Core	4.44	0.121	2.4	2654	262.3	153	6.5	7.1	12.3	397	3.97	7	0.4	0.2	4.5	683	1.0	19.3	0.2
1047029	Drill Core	4.97	0.145	3.5	3778	16.9	62	1.2	7.0	14.7	233	3.80	5	0.3	0.1	4.4	855	<0.1	0.8	<0.1
1047030	Rock	0.92	<0.005	<0.1	12.9	0.4	2	<0.1	0.7	<0.2	32	0.10	18	1.5	<0.1	<0.1	4451	<0.1	<0.1	<0.1
1047031	Drill Core	3.53	0.152	1.7	4160	15.6	58	1.2	7.5	13.7	283	4.03	4	0.4	<0.1	4.4	437	<0.1	0.3	<0.1
1047032	Drill Core	6.81	0.076	3.0	2564	83.5	448	2.4	8.6	13.7	570	5.30	4	0.5	<0.1	4.3	248	1.9	0.8	0.2
1047033	Drill Core	7.43	0.123	2.8	2795	93.7	495	3.2	10.4	13.1	793	3.79	10	0.5	0.1	4.3	432	2.4	4.3	0.3
1047034	Drill Core	7.07	0.159	4.5	3490	29.1	130	2.4	10.0	13.1	761	3.34	4	0.4	0.1	4.1	447	0.5	0.5	<0.1
1047035	Drill Core	3.84	0.070	1.5	2223	29.5	133	1.4	11.2	11.3	663	4.21	<1	0.4	0.5	3.9	1032	0.5	0.2	<0.1



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047006	Drill Core	2.19	0.068	18.7	4	0.46	1081	0.094	6.60	0.083	3.22	1.1	42.7	33	0.5	9.7	9.0	0.8	1	2
1047007	Drill Core	2.73	0.117	18.3	9	0.81	113	0.198	7.24	0.103	3.15	0.8	19.4	36	2.0	11.0	4.8	0.3	1	6
1047008	Drill Core	3.06	0.113	14.4	11	0.91	239	0.232	6.86	0.911	2.42	0.3	19.9	30	1.1	10.0	5.5	0.3	1	6
1047009	Drill Core	2.86	0.125	14.5	12	0.88	203	0.249	6.81	0.858	2.53	0.7	21.9	29	1.0	10.0	5.9	0.3	<1	6
1047010	Drill Core	2.61	0.131	16.7	10	0.96	251	0.255	7.86	1.027	2.59	0.4	22.6	34	0.9	10.9	6.2	0.3	1	6
1047011	Drill Core	2.55	0.134	17.0	10	0.98	179	0.236	7.97	0.474	2.83	0.9	21.8	35	1.0	10.3	5.8	0.3	<1	6
1047012	Drill Core	2.60	0.116	17.2	11	0.95	212	0.233	7.30	0.556	2.78	0.3	19.0	34	0.9	10.3	5.6	0.4	1	6
1047013	Drill Core	2.78	0.132	17.1	11	1.08	164	0.247	7.42	0.726	2.58	0.3	20.6	34	1.1	11.3	6.0	0.3	<1	7
1047014	Drill Core	2.64	0.124	14.4	11	0.96	71	0.210	7.34	0.490	2.65	0.3	13.8	30	1.4	10.2	4.8	0.3	<1	6
1047015	Rock	37.18	0.003	0.4	<1	1.68	10	0.012	0.04	0.004	0.01	<0.1	0.3	<1	0.2	0.3	0.2	<0.1	<1	<1
1047016	Drill Core	2.46	0.122	17.1	11	0.92	96	0.238	8.04	0.130	2.47	0.4	15.9	34	1.9	11.1	5.6	0.4	<1	6
1047017	Drill Core	3.26	0.109	15.4	10	0.91	142	0.218	7.09	0.102	2.86	0.6	13.0	32	1.3	10.6	5.0	0.3	<1	6
1047018	Drill Core	2.14	0.075	19.5	3	0.65	989	0.082	6.56	0.056	3.39	1.1	43.6	34	0.5	9.4	8.8	0.8	2	2
1047019	Drill Core	2.01	0.070	17.9	4	0.70	1169	0.076	6.49	0.047	2.87	1.2	42.7	36	0.6	9.6	8.5	0.9	2	2
1047020	Drill Core	2.03	0.079	16.8	6	0.74	425	0.087	6.64	0.064	3.15	1.1	34.9	32	0.9	9.5	6.8	0.6	1	3
1047021	Drill Core	2.20	0.071	14.8	6	0.71	92	0.082	5.95	0.056	2.17	0.8	29.7	28	1.1	8.6	6.0	0.6	<1	2
1047022	Drill Core	2.21	0.111	10.7	7	0.70	57	0.088	6.74	0.177	2.44	0.3	5.8	24	1.9	7.5	2.2	0.1	<1	5
1047023	Drill Core	2.43	0.090	10.4	8	0.74	70	0.128	6.88	0.603	2.50	0.2	5.8	23	1.6	7.1	3.0	0.2	<1	6
1047024	Drill Core	2.83	0.087	9.0	10	0.79	81	0.132	6.49	0.663	2.48	0.2	5.0	20	1.5	6.9	3.3	0.2	<1	6
1047025	Rock Pulp	1.79	0.047	9.9	37	0.89	59	0.180	3.84	1.262	0.70	1.2	30.9	22	47.7	10.5	4.1	0.2	<1	8
1047026	Drill Core	2.69	0.120	12.2	5	0.78	43	0.112	7.15	0.218	2.25	0.2	10.5	27	1.6	7.4	2.4	0.2	<1	6
1047027	Drill Core	2.35	0.092	10.1	7	0.88	59	0.129	6.57	0.950	2.41	0.5	6.5	22	1.5	6.3	2.9	0.2	1	5
1047028	Drill Core	2.48	0.095	9.5	7	0.82	43	0.110	6.51	0.436	2.54	0.5	8.2	21	2.4	6.3	2.4	0.2	<1	5
1047029	Drill Core	2.23	0.098	9.6	10	0.86	76	0.161	6.42	1.029	2.41	0.2	6.5	22	1.1	7.3	3.9	0.3	<1	5
1047030	Rock	35.07	0.004	0.5	<1	1.66	12	<0.001	0.07	0.003	<0.01	<0.1	0.7	<1	0.4	0.5	0.1	<0.1	<1	<1
1047031	Drill Core	2.15	0.081	10.0	7	0.90	64	0.107	7.00	0.185	2.41	0.2	5.1	22	1.5	6.6	2.5	0.2	<1	5
1047032	Drill Core	1.59	0.083	9.1	6	0.71	35	0.071	6.10	0.139	3.00	0.4	8.2	22	2.5	6.0	1.3	0.1	<1	5
1047033	Drill Core	1.48	0.093	10.3	9	0.76	40	0.093	6.63	0.116	2.80	0.3	7.3	23	2.5	5.9	1.6	0.1	<1	6
1047034	Drill Core	2.05	0.099	12.1	8	0.95	77	0.112	6.78	0.120	2.50	0.3	6.8	28	2.1	7.3	2.3	0.2	<1	6
1047035	Drill Core	2.16	0.116	11.5	8	0.76	89	0.078	6.76	0.164	2.74	0.2	7.7	27	2.2	7.5	1.2	<0.1	<1	6



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Project: Poplar Drilling
Report Date: December 16, 2011

Page: 5 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000695.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047006	Drill Core	0.5	142.2	1.8
1047007	Drill Core	3.5	125.4	0.6
1047008	Drill Core	1.9	82.9	0.6
1047009	Drill Core	2.4	86.5	0.6
1047010	Drill Core	1.4	93.7	0.6
1047011	Drill Core	2.2	112.9	0.6
1047012	Drill Core	2.1	88.7	0.5
1047013	Drill Core	2.4	78.9	0.6
1047014	Drill Core	3.2	81.7	0.4
1047015	Rock	<0.1	0.2	<0.1
1047016	Drill Core	3.2	84.9	0.4
1047017	Drill Core	3.8	96.5	0.4
1047018	Drill Core	0.2	143.0	1.8
1047019	Drill Core	0.2	134.0	2.0
1047020	Drill Core	1.3	133.5	1.4
1047021	Drill Core	2.7	83.3	1.2
1047022	Drill Core	5.3	72.9	0.2
1047023	Drill Core	4.1	71.6	0.2
1047024	Drill Core	3.8	61.8	0.1
1047025	Rock Pulp	9.8	21.6	1.0
1047026	Drill Core	5.4	57.9	0.3
1047027	Drill Core	3.9	77.4	0.3
1047028	Drill Core	4.5	65.7	0.3
1047029	Drill Core	3.1	57.8	0.3
1047030	Rock	<0.1	<0.1	<0.1
1047031	Drill Core	3.8	64.5	0.2
1047032	Drill Core	6.2	73.0	0.3
1047033	Drill Core	3.9	79.5	0.3
1047034	Drill Core	3.0	69.0	0.3
1047035	Drill Core	4.4	66.1	0.3



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Project: Poplar Drilling

Report Date: December 16, 2011

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000695.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1046928	Drill Core	3.68	0.197	114.7	5671	189.7	427	7.0	16.7	27.6	3178	2.88	495	0.9	0.2	3.7	566	2.3	24.8	0.2	64
REP 1046928	QC	0.198																			
1046945	Drill Core	7.57	0.158	248.4	4573	11.9	42	1.0	22.9	16.8	176	2.47	2	0.9	0.1	4.0	432	<0.1	0.2	0.1	91
REP 1046945	QC	209.8 4301 11.2 37 1.0 21.9 16.3 170 2.36 2 1.1 <0.1 3.9 432 <0.1 <0.1 0.1 90																			
1046958	Drill Core	7.21	0.175	225.7	5225	144.8	648	5.4	27.0	36.0	1735	2.21	16	0.9	0.2	3.7	432	4.0	10.4	0.1	68
REP 1046958	QC	200.8 5199 143.3 635 5.3 26.5 36.3 1722 2.21 17 0.9 0.1 3.7 423 3.9 10.3 0.1 69																			
1046998	Drill Core	6.24	<0.005	2.3	25.3	104.8	357	0.5	2.4	3.0	2356	1.11	12	15.9	<0.1	12.0	355	1.9	3.1	0.2	18
REP 1046998	QC	<0.005																			
1047008	Drill Core	7.25	0.027	5.8	921.4	25.2	107	0.7	6.7	10.1	1738	3.04	7	0.9	<0.1	3.9	500	0.3	1.4	0.2	56
REP 1047008	QC	6.3 905.0 25.3 104 0.6 6.1 9.7 1685 3.02 6 0.9 <0.1 3.8 478 0.5 1.3 0.2 58																			
Core Reject Duplicates																					
1046943	Drill Core	4.11	0.203	310.8	5249	63.8	103	2.6	18.4	18.2	516	2.37	23	1.1	0.2	3.6	367	0.3	3.1	0.1	68
DUP 1046943	QC	0.214 285.2 5434 65.9 102 2.2 19.7 18.2 528 2.28 22 1.1 0.2 3.7 366 0.3 2.9 0.2 66																			
1046978	Drill Core	12.01	0.025	23.3	811.0	217.1	451	0.6	7.0	12.0	796	3.74	2	1.2	<0.1	3.9	529	2.8	1.4	0.2	69
DUP 1046978	QC	0.028 19.5 827.4 151.4 336 0.6 7.0 12.5 813 3.80 3 1.2 <0.1 3.9 528 2.1 1.4 0.2 71																			
1047013	Drill Core	5.74	0.099	3.9	3985	47.0	267	3.3	7.2	13.8	999	3.84	6	0.9	<0.1	4.6	385	1.6	2.3	0.2	64
DUP 1047013	QC	0.097 3.0 3740 53.3 233 2.6 7.3 13.5 963 3.83 6 0.8 <0.1 4.1 370 1.5 2.2 0.2 63																			
Reference Materials																					
STD OREAS24P	Standard	1.3 49.7 2.6 117 <0.1 134.0 43.4 1064 7.00 3 0.7 <0.1 2.9 392 0.2 <0.1 <0.1 152																			
STD OREAS24P	Standard	1.3 48.3 2.8 111 <0.1 137.6 42.8 1058 7.09 3 0.6 <0.1 2.6 385 0.1 0.1 <0.1 167																			
STD OREAS24P	Standard	1.1 43.9 3.2 111 <0.1 131.9 42.2 1037 7.09 3 0.8 <0.1 2.9 381 0.2 0.1 <0.1 149																			
STD OREAS24P	Standard	1.3 55.7 3.1 125 <0.1 150.9 45.9 1115 7.50 5 0.7 <0.1 3.0 395 0.2 0.1 <0.1 149																			
STD OREAS45C	Standard	2.3 643.5 25.9 95 0.4 329.1 109.6 1221 18.65 16 2.5 <0.1 11.4 34 0.1 0.6 <0.1 281																			
STD OREAS45C	Standard	2.2 610.0 25.9 87 0.4 341.3 102.2 1135 17.59 12 2.4 <0.1 11.5 43 0.2 0.9 0.3 275																			
STD OREAS45C	Standard	2.1 607.4 27.4 82 0.3 322.4 97.1 1032 17.82 12 2.5 <0.1 11.5 33 0.2 1.1 0.3 276																			
STD OREAS45C	Standard	2.3 611.8 25.1 89 0.3 328.6 106.3 1244 19.53 13 2.3 <0.1 10.9 38 0.3 0.9 0.3 264																			
STD OXH82	Standard	1.314																			
STD OXH82	Standard	1.362																			



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Project: Poplar Drilling

Report Date: December 16, 2011

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QUALITY CONTROL REPORT

SMI11000695.1

Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1046928	Drill Core	2.20	0.096	17.0	10	0.95	228	0.159	7.21	0.697	2.81	0.7	18.6	38	1.4	9.3	2.0	0.1	<1	6
REP 1046928	QC																			20.3
1046945	Drill Core	3.31	0.113	23.2	31	1.20	114	0.278	6.27	2.621	2.04	0.3	17.9	47	1.4	15.1	4.2	0.3	1	7
REP 1046945	QC	3.29	0.114	25.3	29	1.22	146	0.271	6.03	2.561	2.05	0.3	17.1	51	1.4	14.9	4.2	0.2	1	8
1046958	Drill Core	2.76	0.105	21.6	11	0.94	200	0.196	6.78	1.233	3.03	0.9	17.1	44	1.2	12.3	2.6	0.2	2	7
REP 1046958	QC	2.75	0.109	21.7	12	0.93	141	0.196	6.78	1.243	2.93	0.9	17.2	45	1.2	13.1	2.5	0.2	1	7
1046998	Drill Core	1.95	0.070	21.4	4	0.52	997	0.086	6.64	0.074	3.54	1.1	42.0	38	0.6	9.2	8.8	0.8	1	2
REP 1046998	QC																			8.3
1047008	Drill Core	3.06	0.113	14.4	11	0.91	239	0.232	6.86	0.911	2.42	0.3	19.9	30	1.1	10.0	5.5	0.3	1	6
REP 1047008	QC	3.05	0.117	13.8	11	0.92	221	0.229	6.70	0.898	2.40	0.2	19.9	30	0.8	9.6	5.6	0.3	<1	6
Core Reject Duplicates																				
1046943	Drill Core	2.92	0.096	28.5	13	1.02	163	0.175	5.86	1.889	2.91	0.5	17.0	61	1.4	14.0	2.1	0.1	<1	6
DUP 1046943	QC	2.85	0.089	28.8	13	1.04	160	0.171	5.97	1.889	2.84	0.5	16.8	61	1.5	14.2	1.9	0.1	1	6
1046978	Drill Core	3.05	0.119	14.3	9	1.00	61	0.175	6.91	1.562	1.97	0.2	25.0	31	1.3	8.9	2.9	0.2	1	7
DUP 1046978	QC	3.01	0.125	13.8	10	1.02	58	0.180	6.79	1.599	1.99	0.1	26.9	31	1.4	9.0	3.2	0.2	1	7
1047013	Drill Core	2.78	0.132	17.1	11	1.08	164	0.247	7.42	0.726	2.58	0.3	20.6	34	1.1	11.3	6.0	0.3	<1	7
DUP 1047013	QC	2.77	0.126	15.6	11	1.03	101	0.232	7.27	0.725	2.54	0.3	19.7	31	1.1	10.7	5.6	0.4	1	7
Reference Materials																				
STD OREAS24P	Standard	5.35	0.131	18.7	207	3.91	274	1.033	7.67	2.414	0.63	0.6	123.4	38	1.4	21.3	17.9	1.0	<1	18
STD OREAS24P	Standard	5.45	0.131	17.8	193	4.03	270	1.055	7.47	2.436	0.65	0.4	133.2	36	1.6	21.9	19.2	1.0	<1	19
STD OREAS24P	Standard	5.61	0.136	17.7	183	4.01	289	1.077	8.06	2.334	0.67	0.4	131.5	38	1.4	23.1	19.8	1.1	<1	18
STD OREAS24P	Standard	6.03	0.143	20.0	207	4.11	286	1.136	8.29	2.319	0.67	0.5	136.8	39	1.6	24.3	20.1	1.1	1	19
STD OREAS45C	Standard	0.49	0.052	25.7	949	0.28	290	1.097	7.53	0.103	0.35	1.2	169.6	52	2.8	12.7	22.1	1.5	<1	57
STD OREAS45C	Standard	0.49	0.049	27.8	891	0.25	292	1.172	7.04	0.095	0.33	1.2	171.2	53	3.2	13.5	23.3	1.5	<1	60
STD OREAS45C	Standard	0.48	0.052	26.2	899	0.24	294	1.258	7.50	0.094	0.36	1.1	172.4	53	2.9	14.6	24.3	1.5	<1	56
STD OREAS45C	Standard	0.49	0.057	27.2	930	0.27	273	1.272	8.04	0.107	0.35	1.2	176.2	52	3.2	14.5	24.3	1.5	1	57
STD OXH82	Standard																			
STD OXH82	Standard																			



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Project: Poplar Drilling

Report Date: December 16, 2011

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QUALITY CONTROL REPORT

SMI11000695.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1046928	Drill Core	1.7	84.3	0.5
REP 1046928	QC			
1046945	Drill Core	2.5	54.3	0.5
REP 1046945	QC	2.5	57.6	0.4
1046958	Drill Core	1.8	86.7	0.5
REP 1046958	QC	1.8	83.2	0.5
1046998	Drill Core	0.5	147.1	2.0
REP 1046998	QC			
1047008	Drill Core	1.9	82.9	0.6
REP 1047008	QC	1.9	76.8	0.6
Core Reject Duplicates				
1046943	Drill Core	2.1	68.3	0.5
DUP 1046943	QC	2.0	67.0	0.5
1046978	Drill Core	4.2	55.5	0.7
DUP 1046978	QC	4.1	55.6	0.8
1047013	Drill Core	2.4	78.9	0.6
DUP 1047013	QC	2.4	73.6	0.6
Reference Materials				
STD OREAS24P	Standard	<0.1	21.0	3.1
STD OREAS24P	Standard	<0.1	22.1	3.1
STD OREAS24P	Standard	<0.1	20.8	3.3
STD OREAS24P	Standard	<0.1	21.4	3.4
STD OREAS45C	Standard	<0.1	21.9	4.4
STD OREAS45C	Standard	<0.1	25.0	4.4
STD OREAS45C	Standard	<0.1	23.0	4.6
STD OREAS45C	Standard	<0.1	24.4	4.7
STD OXH82	Standard			
STD OXH82	Standard			

QUALITY CONTROL REPORT

SMI11000695.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OXH82	Standard	1.232																			
STD OXH82	Standard	1.285																			
STD OXH82	Standard	1.334																			
STD OXH82	Standard	1.271																			
STD OXH82	Standard	1.384																			
STD OXK79	Standard	3.640																			
STD OXK79	Standard	3.837																			
STD OXK79	Standard	3.531																			
STD OXK79	Standard	3.570																			
STD OXK79	Standard	3.542																			
STD OXK79	Standard	3.760																			
STD OXK79 Expected		3.532																			
STD OXH82 Expected		1.278																			
STD OREAS24P Expected		1.5				52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75	2.85	403	0.15	0.09	158	
STD OREAS45C Expected		2.26		620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.1				<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	
BLK	Blank	<0.005																			

QUALITY CONTROL REPORT

SMI11000695.1

[illegible]



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QUALITY CONTROL REPORT

SMI11000695.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79 Expected				
STD OXH82 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000695.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.2	1.8	22.4	55	<0.1	3.0	4.5	765	2.27	2	2.8	<0.1	8.6	796	<0.1	<0.1	0.2
G1	Prep Blank		<0.005	0.1	0.9	21.5	56	<0.1	2.8	4.7	766	2.37	2	2.5	<0.1	8.1	760	<0.1	<0.1	0.2



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 16, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000695.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.17	0.084	28.2	4	0.55	1248	0.256	7.22	2.764	2.66	0.1	13.1	60	1.8	16.2	26.5	1.4	2	4	38.6
G1	Prep Blank	2.35	0.085	23.2	4	0.56	1139	0.263	7.35	2.739	2.63	0.1	12.1	52	1.8	15.4	26.3	1.4	3	4	38.1



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Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000695.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	100.7	0.6
G1	Prep Blank	<0.1	94.6	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: December 31, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000698.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_106
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	4	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 31, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125130	Drill Core	7.38	0.019	6.9	528.9	9.9	47	<0.1	5.6	8.8	263	3.48	11	1.8	<0.1	4.9	701	0.2	0.2	0.2
125131	Rock	0.76	<0.005	0.4	1.8	<0.1	<1	<0.1	1.1	0.5	26	0.12	26	1.3	<0.1	<0.1	4109	<0.1	<0.1	<0.1
125132	Drill Core	7.57	0.011	5.8	217.4	37.8	123	<0.1	6.2	13.1	447	3.57	5	1.8	<0.1	4.8	630	0.4	0.2	0.2
125133	Drill Core	7.39	0.012	22.9	456.3	7.6	27	<0.1	6.2	26.6	174	3.62	4	2.6	<0.1	4.7	648	<0.1	0.2	0.1
125134	Drill Core	7.15	0.011	10.4	415.6	10.6	29	<0.1	6.6	23.1	149	3.65	3	2.4	<0.1	4.6	718	<0.1	<0.1	0.1
125135	Drill Core	6.98	0.009	5.9	248.9	12.4	40	<0.1	7.1	13.6	174	3.36	6	2.2	<0.1	4.9	677	0.2	0.1	<0.1
125136	Drill Core	7.38	0.008	4.2	254.6	12.6	44	<0.1	6.7	12.0	206	3.51	13	2.1	<0.1	4.7	613	0.2	0.3	<0.1
125137	Drill Core	6.92	0.010	3.6	213.5	16.3	71	<0.1	6.9	12.6	274	4.02	14	2.1	<0.1	4.4	518	0.2	0.5	0.1
125138	Drill Core	4.05	0.014	3.2	212.9	15.6	73	<0.1	6.2	11.3	270	3.88	13	2.3	<0.1	4.8	511	0.3	0.5	<0.1
125139	Drill Core	3.72	0.023	5.1	440.6	14.9	58	<0.1	6.7	16.6	284	3.79	21	1.9	<0.1	4.2	514	0.2	0.5	<0.1
125140	Drill Core	7.07	0.008	3.1	204.0	7.6	46	<0.1	6.3	9.2	198	3.79	4	2.0	<0.1	4.6	746	<0.1	<0.1	<0.1
125141	Drill Core	2.02	0.011	1.5	252.9	7.1	40	<0.1	7.8	11.1	175	3.63	3	1.8	<0.1	4.5	747	0.1	<0.1	<0.1
125142	Drill Core	7.00	0.015	4.1	321.0	7.5	56	<0.1	6.8	11.4	324	3.50	35	1.9	<0.1	4.6	428	<0.1	3.4	<0.1
125143	Drill Core	6.71	0.016	13.2	489.6	19.4	84	0.2	6.6	13.9	845	3.93	63	2.0	<0.1	4.8	415	0.5	3.0	<0.1
125144	Drill Core	6.74	0.031	51.5	1018	6.8	65	0.2	6.3	24.1	404	3.34	166	1.7	<0.1	5.1	553	0.3	5.5	<0.1
125145	Drill Core	7.08	0.074	40.1	2320	9.5	106	0.3	6.3	21.9	413	3.21	332	1.6	<0.1	4.6	662	0.4	18.4	<0.1
125146	Rock Pulp	0.13	0.852	23.0	5336	6403	>10000	34.0	50.3	21.2	532	9.66	446	2.3	1.0	2.2	155	235.2	104.4	27.5
125147	Drill Core	7.37	0.208	15.9	5514	21.3	137	0.6	9.0	23.3	272	5.38	351	1.2	0.1	4.0	318	0.5	3.9	0.2
125148	Drill Core	7.27	0.167	7.6	4230	63.5	429	0.7	5.5	9.8	229	2.69	387	1.0	0.2	4.7	555	2.2	1.6	0.1
125149	Drill Core	6.75	0.177	18.5	4869	20.1	206	0.6	7.0	13.6	250	3.63	187	0.9	0.2	4.4	481	0.5	1.2	0.2
125150	Drill Core	7.14	0.489	89.2	>10000	30.8	242	2.3	14.7	24.0	689	6.46	222	1.1	0.6	4.5	719	0.8	8.4	0.2
125151	Drill Core	7.57	0.129	87.2	3590	30.2	157	0.6	8.0	16.3	436	4.77	111	0.8	<0.1	4.4	627	0.6	1.5	0.2
125152	Drill Core	7.14	0.116	160.2	3389	58.6	172	0.9	7.8	13.4	548	4.98	7	0.8	0.1	4.4	555	0.9	0.8	0.3
125153	Rock	0.50	<0.005	0.5	12.8	<0.1	1	<0.1	<0.1	0.5	22	0.11	23	1.4	<0.1	0.1	4359	<0.1	<0.1	<0.1
125154	Drill Core	8.06	0.075	87.9	2293	13.9	71	0.3	7.5	15.5	276	5.08	32	0.8	<0.1	4.3	627	0.2	0.4	<0.1
125155	Drill Core	7.64	0.078	111.1	1521	26.7	106	0.4	6.0	10.8	1385	4.60	7	0.8	0.1	4.2	569	0.4	0.5	0.1
125156	Drill Core	7.49	0.077	60.9	1919	12.7	63	0.3	7.4	15.0	392	4.35	7	0.9	<0.1	4.2	602	0.3	0.5	0.1
125157	Drill Core	7.23	0.093	98.0	2506	12.7	65	0.4	8.4	14.8	433	4.69	6	0.8	0.1	4.5	644	0.4	0.3	0.1
125158	Drill Core	3.97	0.088	93.4	2556	12.2	52	0.5	8.5	15.8	594	4.74	5	0.8	0.2	4.3	610	0.3	0.3	0.1
125159	Drill Core	7.01	0.072	91.7	2074	11.7	55	0.4	6.6	17.9	416	4.61	9	0.8	0.2	3.8	497	0.2	0.3	<0.1



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Project: Poplar Drilling
Report Date: December 31, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125130	Drill Core	2.59	0.127	16.5	10	0.93	42	0.111	6.81	2.114	1.89	0.4	37.6	34	1.1	10.4	1.3	<0.1	<1	7
125131	Rock	32.20	0.003	<0.1	<1	1.75	4	<0.001	<0.01	0.005	<0.01	<0.1	0.3	<1	<0.1	0.1	<0.1	<0.1	<1	<1
125132	Drill Core	2.62	0.115	15.9	8	0.89	49	0.113	6.85	1.809	1.91	0.6	35.7	32	0.9	9.1	1.4	0.1	<1	6
125133	Drill Core	2.56	0.119	17.5	11	0.99	53	0.090	6.79	1.776	1.98	0.8	36.7	35	0.9	9.3	1.3	<0.1	<1	7
125134	Drill Core	2.68	0.125	15.8	8	0.92	39	0.087	6.84	1.892	2.31	0.9	36.7	33	0.9	8.9	1.3	<0.1	1	6
125135	Drill Core	2.59	0.112	15.2	12	0.84	39	0.102	6.98	2.322	2.05	0.7	40.7	31	0.7	10.1	1.5	0.1	<1	6
125136	Drill Core	2.49	0.113	15.9	10	0.80	58	0.116	7.06	2.152	2.44	0.4	39.6	33	0.8	9.7	1.5	0.1	1	7
125137	Drill Core	2.15	0.114	13.0	13	0.72	38	0.121	6.79	1.770	2.31	0.4	38.8	28	0.9	8.1	1.5	0.1	<1	6
125138	Drill Core	2.09	0.125	15.8	10	0.72	48	0.127	7.18	1.839	2.32	0.4	38.6	32	0.8	8.7	1.6	0.1	<1	7
125139	Drill Core	2.61	0.106	13.1	13	0.74	48	0.135	6.73	1.625	2.21	0.4	38.2	28	1.0	8.7	1.6	<0.1	<1	7
125140	Drill Core	2.48	0.108	15.7	11	0.89	161	0.234	6.98	2.439	2.25	0.2	32.5	32	1.1	9.7	4.8	0.3	1	7
125141	Drill Core	2.80	0.104	15.1	14	0.83	172	0.209	6.89	2.581	2.14	0.3	29.7	30	0.8	9.2	4.3	0.3	1	6
125142	Drill Core	2.65	0.110	15.3	11	0.76	211	0.208	6.99	0.444	2.22	0.3	33.1	31	0.9	9.0	4.4	0.3	<1	6
125143	Drill Core	3.05	0.116	16.9	9	0.92	108	0.096	6.68	0.095	2.49	0.8	28.4	33	0.7	8.2	1.4	<0.1	<1	6
125144	Drill Core	2.26	0.114	19.7	10	0.88	127	0.080	7.15	0.064	2.40	1.5	20.3	39	0.8	8.8	1.3	<0.1	1	7
125145	Drill Core	1.95	0.127	21.4	7	0.84	76	0.079	6.59	0.369	2.48	0.6	12.8	38	0.9	7.5	1.7	0.1	1	6
125146	Rock Pulp	1.81	0.048	10.7	36	0.90	98	0.184	3.75	1.174	0.74	1.1	36.0	22	57.0	11.2	4.3	0.2	<1	8
125147	Drill Core	2.03	0.117	12.2	8	0.78	27	0.109	6.32	0.890	1.84	0.4	13.4	29	1.5	8.8	1.9	0.1	<1	6
125148	Drill Core	1.70	0.113	10.4	7	0.58	94	0.205	7.51	1.108	2.14	0.5	11.9	22	1.4	8.5	4.9	0.3	1	6
125149	Drill Core	1.55	0.079	8.0	10	0.56	39	0.108	5.84	1.176	2.40	0.5	9.7	17	1.2	6.7	2.4	0.2	<1	4
125150	Drill Core	2.09	0.128	14.9	9	0.73	46	0.144	6.26	1.052	1.83	0.4	7.8	32	2.5	10.0	2.7	0.2	1	6
125151	Drill Core	2.14	0.101	13.3	14	0.71	67	0.107	6.16	1.487	2.09	0.4	9.4	29	1.1	8.7	2.1	0.1	<1	6
125152	Drill Core	2.61	0.111	14.5	9	0.89	109	0.195	6.80	1.858	1.95	0.3	10.7	32	1.2	9.9	4.7	0.3	<1	7
125153	Rock	34.83	0.004	0.6	<1	1.56	9	0.002	0.16	0.005	<0.01	<0.1	0.4	<1	<0.1	0.5	<0.1	<0.1	<1	<1
125154	Drill Core	2.09	0.112	11.6	7	0.78	75	0.174	6.78	1.723	3.13	0.2	9.0	26	1.2	9.5	3.4	0.2	<1	6
125155	Drill Core	2.29	0.117	14.3	11	0.85	135	0.191	6.68	1.632	3.25	0.5	10.0	32	1.2	9.6	3.5	0.2	<1	6
125156	Drill Core	2.33	0.121	12.3	8	0.83	76	0.184	6.88	1.711	3.05	0.4	11.7	27	1.1	8.6	3.4	0.2	<1	6
125157	Drill Core	2.59	0.111	13.0	12	0.86	73	0.176	7.16	1.887	2.66	0.3	10.5	29	1.0	9.7	3.7	0.2	<1	6
125158	Drill Core	2.68	0.108	13.6	9	0.85	62	0.186	7.02	1.817	2.67	0.2	10.6	31	1.2	9.9	3.3	0.2	1	6
125159	Drill Core	2.19	0.126	11.9	14	0.90	75	0.192	6.92	1.864	2.50	0.2	11.0	27	1.1	8.9	3.6	0.2	<1	6



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125130	Drill Core	3.5	64.3	1.3	
125131	Rock	<0.1	0.2	<0.1	
125132	Drill Core	3.4	56.2	1.3	
125133	Drill Core	3.7	57.8	1.3	
125134	Drill Core	4.4	55.8	1.3	
125135	Drill Core	3.8	50.5	1.3	
125136	Drill Core	3.4	65.4	1.4	
125137	Drill Core	3.4	61.6	1.3	
125138	Drill Core	3.3	65.4	1.3	
125139	Drill Core	3.3	59.9	1.3	
125140	Drill Core	1.4	53.7	1.1	
125141	Drill Core	1.9	41.2	1.0	
125142	Drill Core	1.7	44.6	1.3	
125143	Drill Core	3.4	70.5	1.0	
125144	Drill Core	3.2	65.8	0.8	
125145	Drill Core	2.9	67.5	0.5	
125146	Rock Pulp	10.0	21.3	0.9	
125147	Drill Core	5.0	47.4	0.5	
125148	Drill Core	1.8	57.0	0.4	
125149	Drill Core	3.0	63.7	0.3	
125150	Drill Core	5.3	64.3	0.3	1.651
125151	Drill Core	4.4	64.2	0.3	
125152	Drill Core	2.5	60.7	0.3	
125153	Rock	<0.1	0.5	<0.1	
125154	Drill Core	3.8	70.8	0.3	
125155	Drill Core	2.6	74.7	0.4	
125156	Drill Core	2.9	67.5	0.4	
125157	Drill Core	3.4	65.1	0.3	
125158	Drill Core	3.6	67.6	0.3	
125159	Drill Core	3.1	59.0	0.4	



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CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125160	Drill Core	6.39	0.071	54.0	1951	14.5	66	0.6	7.7	19.5	498	4.65	12	1.0	0.2	3.9	648	0.3	0.4	<0.1
125161	Drill Core	6.99	0.032	35.9	871.3	40.7	90	0.4	6.5	12.8	1557	3.79	26	1.2	<0.1	4.3	512	0.4	1.5	<0.1
125162	Drill Core	7.36	0.047	30.2	1454	8.6	39	0.2	8.1	14.9	273	4.32	4	1.1	<0.1	4.5	714	0.1	0.2	<0.1
125163	Drill Core	6.67	0.037	36.8	1274	14.5	83	0.4	5.9	11.7	1569	3.69	102	1.4	<0.1	5.2	646	0.3	9.3	0.4
125164	Drill Core	6.96	0.028	55.8	1253	10.6	47	0.2	6.8	17.0	400	4.72	18	1.4	<0.1	5.4	801	<0.1	0.4	0.3
125165	Rock Pulp	0.14	0.818	24.9	5493	6943	>10000	34.5	50.7	21.3	576	10.09	217	2.4	0.9	2.4	174	245.0	123.2	29.8
125166	Drill Core	6.46	0.043	81.2	1447	15.3	94	0.2	6.8	20.5	499	4.24	199	1.3	<0.1	5.3	706	0.3	12.0	0.2
125167	Drill Core	7.08	0.090	56.5	3024	12.2	78	0.4	7.3	19.9	437	4.74	363	1.0	0.1	4.7	599	0.3	5.9	0.2
125168	Drill Core	7.03	0.071	28.4	2573	12.5	72	0.3	7.5	17.8	429	4.54	191	1.1	0.3	5.1	719	0.2	0.6	0.2
125169	Drill Core	7.43	0.196	9.6	6651	78.3	748	1.9	7.9	21.6	1255	3.94	730	0.9	0.2	5.3	288	2.8	16.9	0.2
125170	Drill Core	7.03	0.316	9.6	>10000	34.9	208	1.4	7.7	17.6	355	3.80	484	0.7	1.0	5.0	363	0.8	7.4	0.1
125171	Rock	0.63	<0.005	<0.1	14.9	0.4	3	<0.1	<0.1	0.4	40	0.08	21	1.5	<0.1	<0.1	4720	<0.1	<0.1	<0.1
125172	Drill Core	7.55	0.179	9.1	8038	12.9	39	1.1	6.8	14.2	181	3.31	7	0.5	0.3	4.6	414	0.3	0.3	<0.1
125173	Drill Core	6.76	0.179	11.6	7085	50.1	124	2.4	6.3	19.1	1543	3.45	52	0.6	0.2	4.6	261	0.7	2.3	0.2
125174	Drill Core	6.65	0.337	10.8	>10000	9.1	36	1.3	7.7	17.3	265	4.05	7	0.5	0.2	4.1	640	0.2	0.3	0.1
125175	Drill Core	4.13	0.297	8.1	9788	10.6	41	1.7	7.7	17.2	402	4.13	14	0.6	0.2	4.2	764	0.1	0.6	0.1
125176	Drill Core	7.49	0.624	11.6	>10000	46.8	214	4.5	14.0	32.4	834	6.62	126	0.7	1.4	4.9	528	0.8	7.4	0.2
125177	Drill Core	7.12	0.145	30.5	4858	23.3	100	1.1	5.6	21.9	1116	3.71	84	0.6	<0.1	5.3	595	0.4	2.5	0.1
125178	Drill Core	7.59	0.174	13.8	5582	12.7	82	1.2	7.0	19.2	717	3.86	152	0.6	0.1	5.2	761	0.3	23.5	0.2
125179	Drill Core	7.91	0.193	17.6	5604	51.3	236	1.1	7.2	34.2	756	4.32	286	1.0	0.2	4.5	513	0.9	16.6	0.2
125180	Drill Core	1.90	0.174	37.4	5599	39.9	111	1.3	7.0	19.9	364	3.67	86	0.7	0.3	4.2	772	0.5	1.0	<0.1
125181	Drill Core	5.28	0.108	13.6	4164	14.9	59	0.8	7.8	21.8	706	4.07	21	0.6	0.1	4.3	624	<0.1	0.5	0.1
125182	Drill Core	7.09	0.153	36.0	5097	50.2	327	1.2	7.2	25.4	787	3.82	402	0.7	0.1	3.3	489	1.7	6.0	0.1
125183	Drill Core	7.34	0.123	77.2	3861	49.3	691	1.2	7.9	57.5	1367	5.43	611	1.1	0.1	3.1	487	3.6	64.3	0.2
125184	Drill Core	7.42	0.170	48.8	5771	40.5	154	1.2	5.6	22.8	770	3.04	257	0.6	0.5	4.7	1926	0.8	7.3	0.2
125185	Drill Core	7.58	0.187	23.8	5991	119.2	332	2.1	6.2	18.4	883	2.92	727	0.6	0.1	4.6	711	2.0	63.4	0.2
125186	Rock Pulp	0.15	0.480	152.0	3822	30.3	73	1.2	39.7	22.2	426	4.78	49	1.3	0.6	2.9	248	0.5	5.0	0.4
125187	Drill Core	7.07	0.135	39.0	4555	71.4	548	1.3	6.8	32.1	1048	3.16	899	1.0	0.1	4.9	432	2.6	72.4	0.1
125188	Drill Core	7.09	0.183	65.4	5848	50.3	165	1.6	7.7	24.6	1181	3.57	363	0.6	0.1	4.8	1352	1.0	42.5	0.1
125189	Drill Core	7.05	0.127	63.3	4156	533.2	1374	5.3	8.4	22.5	>10000	3.66	955	0.7	0.1	4.6	335	11.1	256.8	0.5



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
125160	Drill Core	2.43	0.118	10.7	9	0.76	46	0.168	6.57	2.381	2.48	0.3	14.3	24	1.0	7.6	3.4	0.2	1	6	9.8
125161	Drill Core	2.34	0.117	10.7	10	0.88	113	0.176	6.94	1.275	2.86	0.6	18.3	23	1.0	8.6	3.5	0.2	<1	6	37.0
125162	Drill Core	2.56	0.109	11.9	11	0.87	83	0.174	7.09	2.538	1.96	0.3	15.9	26	0.9	9.0	3.7	0.2	<1	6	13.8
125163	Drill Core	2.60	0.127	14.5	11	0.89	229	0.199	7.60	1.697	2.65	0.4	18.1	28	1.1	9.8	3.6	0.3	1	7	90.9
125164	Drill Core	2.59	0.134	13.9	13	0.88	106	0.195	7.65	2.580	2.31	0.3	18.4	29	1.1	9.9	3.6	0.2	1	7	28.1
125165	Rock Pulp	1.85	0.056	12.7	36	0.95	140	0.207	4.02	1.437	0.80	1.4	32.4	26	56.4	11.9	4.5	0.2	<1	9	12.5
125166	Drill Core	2.23	0.146	13.7	11	0.84	127	0.191	7.83	1.454	2.82	0.7	18.0	29	1.2	10.2	3.8	0.3	1	7	119.2
125167	Drill Core	1.83	0.127	12.6	11	0.81	83	0.187	7.53	1.550	3.06	0.5	13.3	26	1.2	7.4	3.3	0.2	<1	7	185.8
125168	Drill Core	1.98	0.140	14.5	12	0.78	137	0.208	7.71	1.467	2.76	0.3	17.2	31	1.2	9.7	3.8	0.2	1	7	182.2
125169	Drill Core	1.95	0.083	8.9	8	0.83	132	0.133	6.60	0.943	2.93	0.5	7.4	18	1.7	6.7	2.4	0.2	<1	6	65.7
125170	Drill Core	1.44	0.088	7.3	13	0.66	90	0.117	6.21	1.344	2.85	0.3	6.1	15	1.9	6.0	1.9	0.2	1	5	77.0
125171	Rock	34.31	0.004	0.5	1	2.14	6	<0.001	0.05	0.003	<0.01	<0.1	<0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.2
125172	Drill Core	1.62	0.078	6.3	16	0.62	65	0.116	6.46	2.127	2.96	0.3	5.4	14	1.7	5.7	2.2	0.2	<1	5	27.0
125173	Drill Core	1.45	0.080	7.3	7	0.75	74	0.104	6.60	1.323	2.96	0.5	6.0	15	1.7	5.5	2.0	0.2	<1	5	52.7
125174	Drill Core	1.49	0.084	7.2	17	0.73	77	0.145	6.19	2.209	2.24	0.2	5.2	15	1.7	6.4	2.4	0.2	<1	6	23.3
125175	Drill Core	1.59	0.089	8.4	14	0.77	85	0.168	6.49	2.221	2.34	0.3	6.4	17	1.6	6.9	2.9	0.2	<1	6	26.8
125176	Drill Core	1.64	0.114	10.2	8	0.76	62	0.156	6.52	1.778	2.35	0.5	5.2	21	2.8	8.8	3.3	0.2	<1	7	49.6
125177	Drill Core	1.66	0.088	7.6	14	0.71	110	0.135	6.88	1.960	2.91	0.4	7.5	16	1.1	6.9	2.5	0.2	<1	6	47.4
125178	Drill Core	1.45	0.079	7.6	8	0.69	89	0.127	6.68	1.757	2.90	0.2	6.6	15	1.3	5.9	2.3	0.2	1	6	94.0
125179	Drill Core	1.71	0.097	10.7	16	0.77	74	0.143	6.47	1.442	2.60	1.2	6.4	21	1.2	7.2	2.8	0.2	1	6	56.0
125180	Drill Core	1.70	0.095	9.6	13	0.77	76	0.166	6.34	1.926	2.35	1.4	6.3	20	1.4	7.6	3.2	0.2	<1	7	59.3
125181	Drill Core	1.91	0.113	9.2	20	0.85	85	0.183	6.98	2.034	2.23	0.4	6.7	20	1.2	8.3	3.3	0.2	1	8	47.3
125182	Drill Core	1.71	0.104	8.6	10	0.71	106	0.169	6.52	1.605	2.33	1.3	6.4	18	1.3	7.1	3.2	0.2	1	7	125.7
125183	Drill Core	1.92	0.094	10.7	11	0.80	56	0.152	6.65	0.759	2.44	1.9	9.3	21	1.1	7.5	2.6	0.2	<1	7	102.6
125184	Drill Core	1.51	0.074	13.8	7	0.63	178	0.129	6.52	2.219	2.19	1.0	7.0	25	1.2	6.3	2.5	0.2	<1	5	58.5
125185	Drill Core	1.47	0.071	11.4	11	0.62	188	0.116	6.56	1.682	2.52	1.5	6.8	22	1.1	5.6	2.3	0.2	<1	4	59.6
125186	Rock Pulp	0.39	0.115	17.3	62	1.05	284	0.313	6.87	1.574	3.16	14.3	26.6	31	2.5	11.4	2.8	0.2	1	17	12.8
125187	Drill Core	1.67	0.100	13.0	6	0.66	120	0.142	7.12	1.166	2.48	1.9	7.1	24	1.0	6.4	2.6	0.2	1	5	138.6
125188	Drill Core	1.99	0.109	11.6	17	0.84	136	0.198	7.26	1.734	2.51	0.6	6.7	23	1.3	8.6	3.6	0.3	1	7	136.6
125189	Drill Core	1.16	0.092	14.8	10	0.57	208	0.143	6.26	0.042	2.83	3.9	6.1	27	1.0	8.4	2.6	0.2	<1	6	66.8



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
125160	Drill Core	3.3	58.5	0.5
125161	Drill Core	2.1	86.0	0.5
125162	Drill Core	2.9	53.5	0.4
125163	Drill Core	2.0	89.6	0.5
125164	Drill Core	2.9	65.1	0.6
125165	Rock Pulp	9.6	25.0	1.2
125166	Drill Core	2.4	73.0	0.5
125167	Drill Core	3.1	76.5	0.4
125168	Drill Core	2.5	71.7	0.4
125169	Drill Core	2.8	89.7	0.3
125170	Drill Core	2.9	78.2	0.3 1.033
125171	Rock	<0.1	<0.1	<0.1
125172	Drill Core	2.7	71.0	0.2
125173	Drill Core	2.7	95.6	0.2
125174	Drill Core	2.8	62.6	0.2 1.090
125175	Drill Core	3.0	72.0	0.2
125176	Drill Core	4.8	80.6	0.2 2.003
125177	Drill Core	2.9	87.3	0.3
125178	Drill Core	3.1	82.0	0.2
125179	Drill Core	3.6	76.7	0.2
125180	Drill Core	2.8	69.7	0.3
125181	Drill Core	2.9	70.2	0.2
125182	Drill Core	2.7	68.7	0.2
125183	Drill Core	4.4	85.4	0.3
125184	Drill Core	2.2	75.2	0.3
125185	Drill Core	2.1	87.7	0.3
125186	Rock Pulp	2.1	114.7	0.9
125187	Drill Core	2.4	84.3	0.3
125188	Drill Core	2.3	90.2	0.2
125189	Drill Core	2.2	145.0	0.2



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125190	Drill Core	4.44	0.080	40.0	2015	92.8	238	1.4	7.4	20.9	7712	3.27	262	1.3	0.4	5.9	530	1.4	39.4	0.3
125191	Drill Core	6.62	0.037	4.5	1289	13.4	33	0.2	5.2	14.1	606	2.97	7	1.1	<0.1	5.8	2059	<0.1	1.2	<0.1
125192	Drill Core	6.29	0.061	18.4	1430	485.6	968	0.7	5.3	19.2	2885	2.99	48	1.1	<0.1	5.5	471	5.7	3.5	0.2
125193	Rock	0.53	<0.005	0.1	3.8	1.0	1	<0.1	<0.1	<0.2	31	0.09	16	1.6	<0.1	<0.1	5046	<0.1	<0.1	<0.1
125194	Drill Core	7.60	0.097	26.2	1103	202.3	286	0.5	5.7	20.1	2597	3.13	19	1.0	0.1	5.8	1395	1.7	1.0	0.2
125195	Drill Core	6.89	0.048	21.5	1185	109.4	388	0.5	5.3	23.7	2063	3.13	11	0.8	<0.1	5.4	807	2.2	0.7	0.5
125196	Drill Core	7.28	0.039	25.3	1279	45.9	61	0.4	4.6	19.5	805	2.78	10	0.9	<0.1	6.0	1717	0.2	0.6	0.3
125197	Drill Core	3.51	0.039	48.1	1218	68.8	62	0.6	5.2	20.3	998	2.84	13	0.9	<0.1	5.4	1651	0.3	0.5	0.5
125198	Drill Core	7.14	0.070	34.9	1326	296.0	89	0.4	6.0	19.8	1232	2.79	32	0.9	<0.1	5.1	896	0.6	2.3	0.4
125199	Drill Core	6.81	0.067	79.1	1941	20.9	67	0.4	8.7	27.3	412	3.44	8	1.0	<0.1	5.3	1674	0.3	0.3	0.3
125200	Drill Core	7.19	0.072	82.0	1892	26.3	62	0.4	8.0	17.0	939	2.71	16	1.0	<0.1	5.8	523	0.2	1.9	0.2
125201	Drill Core	5.27	<0.005	0.9	19.1	24.3	117	<0.1	10.6	8.0	591	2.34	7	3.0	<0.1	8.8	453	0.4	1.2	0.3
125202	Drill Core	7.08	<0.005	0.8	32.2	23.9	150	0.2	10.0	8.3	715	2.03	13	3.1	<0.1	8.9	461	0.5	1.3	0.3
125203	Drill Core	6.07	<0.005	0.8	32.4	23.7	185	0.1	9.7	6.9	672	2.20	8	3.2	<0.1	9.0	378	0.6	1.7	0.2
125204	Drill Core	6.74	<0.005	0.9	16.4	25.2	132	<0.1	12.3	7.0	684	2.25	8	3.3	<0.1	8.7	305	0.6	1.5	0.2
125205	Drill Core	4.19	<0.005	0.7	5.9	18.2	150	<0.1	15.9	5.9	703	2.39	7	2.5	<0.1	8.7	302	0.3	1.5	0.3
125206	Rock Pulp	0.14	0.922	145.6	3668	50.7	129	1.8	27.3	20.9	507	5.05	65	1.2	0.7	2.9	247	0.7	8.1	0.7
125207	Drill Core	7.00	0.014	3.8	169.1	88.2	212	0.9	99.3	22.8	433	4.37	12	3.1	<0.1	4.7	549	1.3	1.3	0.3
125208	Drill Core	7.16	0.015	7.7	169.6	6.5	45	<0.1	125.7	32.1	171	4.82	5	0.9	<0.1	3.6	136	0.1	0.5	0.3
125209	Drill Core	6.84	0.012	6.8	190.5	22.7	73	0.2	105.7	29.7	114	3.42	3	1.6	<0.1	3.5	174	0.7	0.6	0.2
125210	Drill Core	7.60	0.011	4.5	187.2	3.1	28	<0.1	85.8	25.6	154	4.02	2	0.8	<0.1	3.3	107	<0.1	0.8	0.2
125211	Drill Core	7.47	0.012	6.2	144.2	5.3	24	<0.1	120.4	29.9	163	5.20	1	0.8	<0.1	2.8	111	<0.1	0.3	0.3
125212	Drill Core	7.37	0.016	5.4	201.4	18.1	32	<0.1	106.2	21.1	234	4.51	3	0.9	<0.1	3.1	166	0.1	0.3	0.3
125213	Rock	0.64	<0.005	0.1	1.0	0.2	<1	<0.1	<0.1	<0.2	29	0.06	16	1.4	<0.1	<0.1	4595	<0.1	<0.1	<0.1
125214	Drill Core	6.38	0.017	7.9	309.6	4.6	21	<0.1	154.7	37.5	188	5.00	1	0.8	<0.1	3.6	98	<0.1	0.4	0.2
125215	Drill Core	7.17	0.028	8.6	490.7	4.1	25	<0.1	157.1	62.7	200	7.01	2	1.5	<0.1	3.4	102	<0.1	0.4	0.3
125216	Drill Core	7.31	0.023	5.3	370.9	466.0	263	12.6	135.3	52.6	325	6.27	4	0.9	<0.1	3.2	140	1.6	3.2	0.3
125217	Drill Core	7.14	0.013	2.6	180.3	3.8	15	0.1	99.1	26.4	107	4.00	2	0.8	<0.1	3.8	131	<0.1	0.2	0.2
125218	Drill Core	3.75	0.025	3.3	231.1	4.3	17	0.3	110.8	33.0	125	4.94	1	1.0	<0.1	4.6	147	<0.1	0.3	0.3
125219	Drill Core	7.39	0.016	5.3	207.1	6.0	28	<0.1	144.4	37.0	194	6.34	2	1.1	<0.1	3.9	87	<0.1	0.3	0.3



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125190	Drill Core	2.12	0.127	20.4	11	0.68	156	0.181	7.57	0.483	3.23	2.7	21.5	39	0.8	10.2	2.9	0.2	1	7
125191	Drill Core	2.28	0.130	14.3	8	0.88	323	0.253	7.73	2.572	2.63	0.3	14.9	31	0.7	10.9	5.7	0.4	1	7
125192	Drill Core	3.09	0.127	16.8	9	0.79	313	0.209	7.15	1.644	2.92	0.6	13.3	34	0.7	10.4	4.3	0.3	1	6
125193	Rock	35.80	0.004	0.6	2	1.77	8	0.001	0.05	0.008	<0.01	<0.1	<0.1	<1	<0.1	0.3	0.1	<0.1	<1	<1
125194	Drill Core	2.70	0.129	14.2	10	0.79	209	0.246	7.59	2.145	2.79	0.6	14.9	31	0.6	11.3	5.5	0.4	<1	7
125195	Drill Core	3.04	0.126	14.5	8	0.81	192	0.242	7.27	1.932	2.56	0.5	13.5	31	0.7	10.9	5.4	0.4	<1	6
125196	Drill Core	2.58	0.133	16.1	10	0.81	246	0.257	7.55	2.475	2.49	0.3	14.7	34	0.6	11.1	5.9	0.4	1	7
125197	Drill Core	2.54	0.134	15.6	8	0.82	194	0.243	7.38	2.311	2.38	0.3	14.4	33	0.6	10.6	5.3	0.4	<1	7
125198	Drill Core	2.54	0.122	15.3	9	0.85	290	0.229	7.09	1.698	2.75	0.4	14.5	30	0.7	10.8	5.0	0.4	1	6
125199	Drill Core	2.34	0.127	14.3	9	0.83	135	0.232	7.36	2.260	2.53	0.4	15.2	31	0.8	11.4	5.3	0.3	1	6
125200	Drill Core	2.57	0.130	17.2	8	0.88	381	0.256	7.55	1.252	2.83	0.3	14.8	36	0.7	11.6	6.3	0.4	1	6
125201	Drill Core	1.95	0.101	19.4	14	0.87	897	0.282	7.54	0.032	0.74	0.8	93.1	37	0.6	9.3	10.0	0.7	1	5
125202	Drill Core	2.81	0.080	19.3	11	1.22	1170	0.238	7.10	0.030	0.70	0.8	84.5	35	0.6	9.0	9.0	0.7	<1	4
125203	Drill Core	2.56	0.084	19.7	10	1.08	803	0.248	7.24	0.063	1.79	0.8	89.5	37	0.6	9.5	9.4	0.7	1	5
125204	Drill Core	2.77	0.088	20.0	12	1.15	1074	0.254	7.07	0.072	2.35	0.9	88.0	38	0.8	9.6	9.3	0.7	1	5
125205	Drill Core	3.22	0.086	17.6	11	1.24	840	0.270	7.17	0.074	2.33	0.8	93.8	33	0.6	10.1	10.4	0.8	<1	5
125206	Rock Pulp	0.46	0.114	15.1	49	0.85	178	0.274	7.24	1.219	5.63	30.8	24.0	30	3.3	12.7	3.4	0.2	1	13
125207	Drill Core	0.54	0.051	13.8	117	0.46	58	0.147	8.59	0.285	1.78	0.4	32.1	32	1.5	6.0	2.5	0.2	3	14
125208	Drill Core	0.67	0.070	30.3	159	0.69	91	0.065	7.96	0.353	2.17	0.2	10.6	67	1.1	8.1	0.7	<0.1	1	16
125209	Drill Core	0.34	0.028	15.3	204	0.37	60	0.076	7.14	0.328	1.77	0.2	40.6	34	1.2	7.1	1.0	<0.1	1	13
125210	Drill Core	0.57	0.083	16.5	162	0.92	151	0.071	7.20	0.329	1.97	0.2	18.8	36	1.1	6.9	0.9	<0.1	2	13
125211	Drill Core	0.93	0.099	16.2	178	1.02	42	0.055	7.56	0.347	2.37	0.1	12.2	35	1.5	7.7	0.5	<0.1	1	14
125212	Drill Core	0.65	0.071	13.2	142	0.64	54	0.080	8.26	0.393	2.61	0.2	17.1	30	1.3	7.1	0.8	<0.1	2	15
125213	Rock	37.34	0.004	0.8	<1	1.88	6	0.001	0.02	0.002	<0.01	<0.1	0.3	<1	<0.1	0.5	<0.1	<0.1	<1	<1
125214	Drill Core	0.67	0.050	12.3	129	0.67	82	0.084	8.94	0.357	2.61	0.3	13.5	29	1.5	5.4	0.9	<0.1	2	15
125215	Drill Core	0.88	0.112	13.1	81	0.86	44	0.070	8.15	0.347	2.52	0.2	22.1	30	2.0	11.4	0.8	<0.1	2	15
125216	Drill Core	0.63	0.053	12.2	83	0.68	35	0.073	7.73	0.371	2.57	0.2	15.4	31	2.0	6.0	0.9	<0.1	1	12
125217	Drill Core	0.39	0.033	12.3	119	0.71	142	0.114	8.99	0.884	2.25	0.2	15.0	28	1.3	4.9	1.2	<0.1	2	16
125218	Drill Core	0.46	0.037	16.9	119	0.82	34	0.211	10.32	0.784	2.31	0.4	21.7	39	2.1	7.7	2.7	0.2	1	19
125219	Drill Core	0.39	0.029	17.7	147	0.92	16	0.288	9.48	0.537	2.11	0.4	17.3	40	2.3	8.9	3.1	0.2	2	19



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125190	Drill Core	1.9	119.1	0.8	
125191	Drill Core	1.3	62.6	0.5	
125192	Drill Core	1.5	78.7	0.5	
125193	Rock	<0.1	<0.1	<0.1	
125194	Drill Core	1.6	76.6	0.6	
125195	Drill Core	1.6	68.0	0.6	
125196	Drill Core	1.5	68.0	0.6	
125197	Drill Core	1.4	67.9	0.6	
125198	Drill Core	1.3	70.3	0.6	
125199	Drill Core	1.7	64.2	0.5	
125200	Drill Core	1.1	68.7	0.6	
125201	Drill Core	<0.1	21.2	2.6	
125202	Drill Core	0.1	24.8	2.6	
125203	Drill Core	<0.1	59.8	2.5	
125204	Drill Core	<0.1	78.3	2.6	
125205	Drill Core	<0.1	56.9	3.0	
125206	Rock Pulp	2.5	147.5	0.8	
125207	Drill Core	3.3	57.6	0.9	
125208	Drill Core	2.3	60.8	0.3	
125209	Drill Core	2.4	50.7	1.0	
125210	Drill Core	1.7	58.6	0.5	
125211	Drill Core	3.6	60.7	0.3	
125212	Drill Core	3.0	67.8	0.4	
125213	Rock	<0.1	0.3	<0.1	
125214	Drill Core	3.3	59.2	0.4	
125215	Drill Core	5.1	64.8	0.5	
125216	Drill Core	5.5	69.3	0.4	
125217	Drill Core	2.0	57.5	0.5	
125218	Drill Core	2.6	71.6	0.6	
125219	Drill Core	3.8	64.8	0.5	



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125220	Drill Core	7.54	0.010	2.3	169.1	3.6	25	<0.1	122.4	24.9	223	5.09	6	1.3	<0.1	3.2	88	<0.1	0.2	0.2
125221	Drill Core	6.76	0.010	3.5	186.4	3.0	27	<0.1	129.9	21.5	265	5.48	4	1.6	<0.1	3.2	86	<0.1	0.2	0.2
125222	Drill Core	5.47	0.017	9.2	346.5	7.6	40	<0.1	104.5	20.0	196	4.12	4	0.6	<0.1	2.5	187	0.1	0.3	0.2
125223	Drill Core	7.43	0.031	6.5	452.2	11.7	69	0.1	135.3	34.4	273	7.00	4	0.6	<0.1	1.9	93	0.1	0.5	0.4
125224	Drill Core	7.14	0.021	4.7	344.1	5.7	39	<0.1	110.2	31.2	208	5.31	2	0.5	<0.1	1.9	73	0.1	0.2	0.4
125225	Rock Pulp	0.11	0.943	21.4	5006	6376	>10000	34.0	46.8	19.2	532	9.11	465	2.3	0.8	2.3	164	240.9	114.4	27.6
125226	Drill Core	6.61	0.017	6.3	234.7	9.3	49	<0.1	126.1	45.1	177	5.49	4	0.6	<0.1	2.2	83	0.2	0.3	0.5
125227	Drill Core	7.03	0.020	7.6	412.9	36.5	113	0.1	128.0	36.1	204	5.40	2	0.5	<0.1	1.7	89	0.6	0.3	0.3
125228	Drill Core	4.13	0.020	4.8	552.8	54.1	197	0.3	93.4	38.8	385	5.64	9	0.6	<0.1	2.2	107	1.2	0.9	0.4
125229	Rock	0.53	<0.005	0.1	2.2	0.2	<1	<0.1	0.2	<0.2	34	0.11	20	1.4	<0.1	<0.1	4968	<0.1	<0.1	<0.1
125230	Drill Core	7.01	0.021	9.0	611.0	6.3	23	0.1	100.3	31.2	190	5.95	3	0.8	0.3	3.2	26	<0.1	0.3	0.6
125231	Drill Core	7.98	0.010	4.1	293.3	4.3	16	<0.1	118.4	24.8	101	4.21	1	0.9	<0.1	3.0	128	<0.1	0.2	0.4
125232	Drill Core	2.25	0.007	8.0	124.9	5.6	19	<0.1	129.3	12.1	130	2.91	3	0.9	<0.1	3.6	162	<0.1	0.2	0.4
125233	Drill Core	7.25	0.015	6.8	378.3	52.0	69	0.3	23.1	22.0	239	6.01	3	0.8	<0.1	2.6	397	0.2	0.3	0.6
125234	Drill Core	7.51	0.017	3.0	311.0	8.3	34	0.1	11.6	15.6	218	4.84	2	0.9	<0.1	2.6	562	0.2	0.2	0.3
125235	Drill Core	7.03	0.017	2.9	324.5	8.8	36	0.2	12.1	17.2	226	4.98	4	0.9	<0.1	2.8	447	0.1	0.2	0.3
125236	Drill Core	5.04	0.018	3.8	357.3	6.8	33	0.2	25.1	21.9	210	5.98	<1	0.7	<0.1	2.8	344	<0.1	0.2	0.4
125237	Drill Core	7.76	0.009	9.6	141.7	13.3	28	0.4	150.4	27.7	114	5.44	2	0.8	<0.1	2.9	157	0.1	0.3	0.4
125238	Drill Core	6.73	0.009	3.9	148.8	25.6	41	0.1	97.4	14.8	160	3.50	1	0.7	<0.1	2.7	210	0.2	0.2	0.1
125239	Drill Core	4.71	0.007	3.6	173.6	9.1	24	0.1	99.8	14.5	145	3.39	1	0.7	<0.1	2.5	190	<0.1	0.2	0.1
125240	Drill Core	7.12	0.009	5.0	241.4	6.7	22	0.2	88.9	14.5	120	4.41	<1	0.6	<0.1	2.3	244	<0.1	0.3	0.2
125241	Drill Core	6.83	0.013	10.0	227.3	9.4	30	0.3	100.8	18.6	217	4.99	2	0.6	<0.1	1.7	124	0.1	0.4	0.2
125242	Drill Core	2.11	0.009	7.5	132.5	3.1	16	<0.1	83.1	15.1	110	3.93	1	0.9	<0.1	3.0	127	<0.1	0.1	0.2
125243	Drill Core	7.70	0.029	7.7	548.4	7.6	33	0.2	31.0	33.1	235	6.43	1	0.8	<0.1	2.7	345	<0.1	0.3	0.3
125244	Drill Core	6.95	0.023	12.7	587.6	11.5	47	0.3	22.9	27.2	405	7.50	2	0.7	<0.1	2.1	424	0.1	0.4	0.3
125245	Drill Core	3.10	0.013	3.8	369.3	135.4	456	1.9	15.4	24.4	1460	5.61	20	10.0	<0.1	2.9	245	2.7	15.1	0.4
125246	Drill Core	6.71	<0.005	0.7	25.3	58.0	222	0.5	10.0	6.2	1160	2.24	9	3.0	<0.1	7.9	442	0.5	8.5	0.2
125247	Rock Pulp	0.11	0.892	22.9	5220	6113	>10000	73.2	46.1	19.4	534	9.00	470	2.3	1.0	2.3	159	226.3	112.2	27.8
125248	Drill Core	6.62	<0.005	0.5	5.7	28.9	292	0.1	10.2	7.1	1150	2.28	6	2.3	<0.1	7.6	302	0.4	5.8	<0.1
125249	Drill Core	5.83	<0.005	0.3	3.4	24.4	292	<0.1	10.2	7.9	991	2.43	10	2.4	<0.1	7.5	375	0.5	7.2	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125220	Drill Core	0.37	0.072	15.3	180	1.01	56	0.329	8.59	0.556	2.39	0.3	17.6	36	2.0	8.2	3.4	0.2	1	18
125221	Drill Core	0.86	0.296	16.7	150	1.21	54	0.250	9.04	0.626	2.84	0.3	24.8	39	1.8	19.4	3.1	0.2	2	18
125222	Drill Core	1.07	0.046	11.2	251	0.89	121	0.060	8.09	0.168	2.46	0.2	9.5	25	0.9	5.1	0.5	<0.1	2	13
125223	Drill Core	1.72	0.073	12.0	217	1.15	35	0.045	6.06	0.128	1.18	0.1	13.1	25	1.1	5.4	0.3	<0.1	<1	10
125224	Drill Core	1.68	0.086	15.7	194	1.08	48	0.041	5.42	0.183	1.44	<0.1	12.3	31	0.9	5.9	0.3	<0.1	1	8
125225	Rock Pulp	1.78	0.051	11.5	30	0.90	46	0.193	3.72	1.317	0.70	1.2	31.4	24	54.4	11.4	4.2	0.2	<1	8
125226	Drill Core	1.49	0.061	11.2	223	0.91	62	0.046	6.14	0.191	1.66	0.2	13.9	23	1.4	5.2	0.4	<0.1	<1	10
125227	Drill Core	0.81	0.054	9.7	250	0.91	38	0.046	6.37	0.176	1.80	0.1	13.3	21	1.4	4.3	0.3	<0.1	1	11
125228	Drill Core	1.66	0.059	15.4	141	0.84	88	0.047	5.25	0.125	1.84	0.2	25.6	32	1.3	5.9	0.4	<0.1	<1	9
125229	Rock	38.50	0.004	0.5	<1	1.74	7	0.001	0.04	0.002	<0.01	<0.1	0.7	<1	<0.1	0.4	<0.1	<0.1	<1	<1
125230	Drill Core	1.39	0.100	17.7	87	1.14	48	0.071	8.20	0.187	3.30	0.2	9.5	41	2.0	9.2	0.6	<0.1	2	14
125231	Drill Core	0.48	0.070	12.3	101	0.89	52	0.086	8.35	0.405	3.86	0.1	18.7	32	1.0	6.6	0.9	<0.1	1	16
125232	Drill Core	0.61	0.056	14.1	101	0.86	456	0.098	9.52	0.422	3.49	0.2	18.4	36	0.8	5.9	1.1	<0.1	2	16
125233	Drill Core	2.46	0.187	12.9	12	1.34	74	0.100	7.26	2.104	1.16	0.1	14.6	27	1.2	9.5	1.2	<0.1	2	7
125234	Drill Core	2.86	0.147	12.0	14	1.27	89	0.127	7.21	2.517	0.85	<0.1	25.3	27	0.8	9.6	1.7	<0.1	<1	7
125235	Drill Core	2.81	0.151	11.4	11	1.29	104	0.111	7.53	2.318	0.83	<0.1	26.7	26	0.8	9.4	1.5	<0.1	1	7
125236	Drill Core	2.35	0.153	13.0	13	1.40	87	0.080	7.56	1.850	1.02	0.2	16.2	30	0.8	8.8	1.1	<0.1	2	7
125237	Drill Core	0.75	0.041	13.1	128	0.42	27	0.083	7.88	0.418	3.03	0.2	20.0	34	1.6	7.7	0.9	<0.1	1	12
125238	Drill Core	0.71	0.047	8.6	172	0.62	54	0.067	7.27	0.349	2.60	0.2	13.5	20	1.2	4.3	0.6	<0.1	1	11
125239	Drill Core	0.66	0.047	7.9	183	0.62	68	0.067	7.01	0.351	2.70	0.1	14.2	19	1.4	4.0	0.7	<0.1	2	11
125240	Drill Core	0.91	0.040	9.2	157	0.73	34	0.052	6.24	0.341	2.49	0.1	11.3	22	1.3	4.4	0.4	<0.1	1	10
125241	Drill Core	0.88	0.042	10.0	145	0.85	32	0.052	6.19	0.286	2.45	0.2	10.2	23	1.4	4.1	0.4	<0.1	<1	12
125242	Drill Core	0.53	0.031	14.5	109	0.68	72	0.084	7.57	0.395	3.28	0.2	18.0	37	1.3	5.1	0.9	<0.1	1	12
125243	Drill Core	1.91	0.137	12.3	13	1.14	48	0.052	7.09	1.980	1.08	0.1	15.5	27	0.7	7.7	0.7	<0.1	1	7
125244	Drill Core	2.11	0.157	10.2	10	1.22	51	0.059	6.70	1.501	1.11	0.1	13.5	25	0.8	7.0	0.8	<0.1	1	6
125245	Drill Core	1.83	0.167	14.0	10	0.84	87	0.089	7.65	0.236	2.63	0.2	22.6	31	1.1	9.9	1.2	<0.1	1	8
125246	Drill Core	2.19	0.085	15.9	11	0.84	861	0.247	6.99	0.072	2.59	0.9	88.9	32	0.6	8.5	10.1	0.8	1	4
125247	Rock Pulp	1.79	0.053	10.5	33	0.89	31	0.200	4.00	1.331	0.70	1.2	30.8	23	51.0	12.0	4.5	0.2	<1	7
125248	Drill Core	2.55	0.099	16.5	14	0.92	1126	0.276	6.91	0.088	4.03	0.7	87.1	35	0.6	8.2	9.6	0.7	1	4
125249	Drill Core	2.52	0.101	16.4	16	0.89	1549	0.281	7.12	0.121	4.08	0.6	86.0	34	0.5	8.7	9.8	0.7	1	4



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000698.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125220	Drill Core	2.0	70.5	0.5	
125221	Drill Core	2.3	86.3	0.5	
125222	Drill Core	2.2	68.0	0.3	
125223	Drill Core	5.5	39.8	0.3	
125224	Drill Core	3.9	46.1	0.4	
125225	Rock Pulp	9.4	21.9	0.9	
125226	Drill Core	4.7	50.0	0.4	
125227	Drill Core	4.1	53.5	0.4	
125228	Drill Core	4.8	59.5	0.4	
125229	Rock	<0.1	0.3	<0.1	
125230	Drill Core	4.4	83.0	0.2	
125231	Drill Core	3.0	90.8	0.5	
125232	Drill Core	1.5	82.7	0.5	
125233	Drill Core	5.4	28.1	0.3	
125234	Drill Core	4.3	24.2	0.7	
125235	Drill Core	4.2	21.9	0.8	
125236	Drill Core	4.8	26.5	0.4	
125237	Drill Core	5.7	77.6	0.5	
125238	Drill Core	2.8	64.1	0.4	
125239	Drill Core	2.7	65.6	0.3	
125240	Drill Core	4.2	57.8	0.3	
125241	Drill Core	4.7	59.0	0.3	
125242	Drill Core	3.2	75.5	0.4	
125243	Drill Core	5.7	34.0	0.4	
125244	Drill Core	5.9	31.8	0.3	
125245	Drill Core	4.6	98.2	0.9	
125246	Drill Core	0.2	88.2	3.0	
125247	Rock Pulp	9.6	22.4	0.9	
125248	Drill Core	<0.1	136.9	2.7	
125249	Drill Core	<0.1	147.9	2.7	



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QUALITY CONTROL REPORT

SMI11000698.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
125136	Drill Core	7.38	0.008	4.2	254.6	12.6	44	<0.1	6.7	12.0	206	3.51	13	2.1	<0.1	4.7	613	0.2	0.3	<0.1	72
REP 125136	QC	0.010																			
125152	Drill Core	7.14	0.116	160.2	3389	58.6	172	0.9	7.8	13.4	548	4.98	7	0.8	0.1	4.4	555	0.9	0.8	0.3	77
REP 125152	QC	132.9 3497 56.3 181 0.9 7.9 12.5 540 5.15 9 0.7 0.2 4.3 572 0.9 0.8 0.3 78																			
125172	Drill Core	7.55	0.179	9.1	8038	12.9	39	1.1	6.8	14.2	181	3.31	7	0.5	0.3	4.6	414	0.3	0.3	<0.1	44
REP 125172	QC	8.6 8144 12.7 39 1.1 7.0 13.3 176 3.27 7 0.5 0.3 4.6 455 0.2 0.3 0.1 43																			
125176	Drill Core	7.49	0.624	11.6	>10000	46.8	214	4.5	14.0	32.4	834	6.62	126	0.7	1.4	4.9	528	0.8	7.4	0.2	53
REP 125176	QC	0.598																			
125183	Drill Core	7.34	0.123	77.2	3861	49.3	691	1.2	7.9	57.5	1367	5.43	611	1.1	0.1	3.1	487	3.6	64.3	0.2	55
REP 125183	QC	0.118																			
125216	Drill Core	7.31	0.023	5.3	370.9	466.0	263	12.6	135.3	52.6	325	6.27	4	0.9	<0.1	3.2	140	1.6	3.2	0.3	140
REP 125216	QC	0.022																			
125232	Drill Core	2.25	0.007	8.0	124.9	5.6	19	<0.1	129.3	12.1	130	2.91	3	0.9	<0.1	3.6	162	<0.1	0.2	0.4	210
REP 125232	QC	7.3 122.9 6.0 18 <0.1 130.1 12.7 123 2.89 2 0.9 <0.1 3.5 159 <0.1 0.2 0.3 210																			
Core Reject Duplicates																					
125144	Drill Core	6.74	0.031	51.5	1018	6.8	65	0.2	6.3	24.1	404	3.34	166	1.7	<0.1	5.1	553	0.3	5.5	<0.1	66
DUP 125144	QC	0.025 49.4 1057 7.7 69 0.2 6.8 25.3 404 3.47 180 1.9 <0.1 5.2 583 0.4 5.9 <0.1 68																			
125179	Drill Core	7.91	0.193	17.6	5604	51.3	236	1.1	7.2	34.2	756	4.32	286	1.0	0.2	4.5	513	0.9	16.6	0.2	53
DUP 125179	QC	0.184 18.5 5755 53.6 251 1.1 7.4 33.1 802 4.30 411 0.9 0.1 4.3 507 1.1 19.6 0.2 54																			
125214	Drill Core	6.38	0.017	7.9	309.6	4.6	21	<0.1	154.7	37.5	188	5.00	1	0.8	<0.1	3.6	98	<0.1	0.4	0.2	175
DUP 125214	QC	0.016 6.8 300.4 4.4 20 <0.1 150.3 35.7 169 4.73 1 0.8 <0.1 3.4 96 <0.1 0.4 0.3 174																			
125249	Drill Core	5.83	<0.005	0.3	3.4	24.4	292	<0.1	10.2	7.9	991	2.43	10	2.4	<0.1	7.5	375	0.5	7.2	<0.1	56
DUP 125249	QC	<0.005 0.3 3.4 24.6 285 <0.1 10.3 7.4 997 2.22 10 2.2 <0.1 7.2 363 0.5 7.0 <0.1 53																			
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	1.4 51.1 2.2 112 <0.1 144.2 46.4 1048 7.19 4 0.6 <0.1 2.5 360 0.1 <0.1 <0.1 165																			



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Report Date: December 31, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
125136	Drill Core	2.49	0.113	15.9	10	0.80	58	0.116	7.06	2.152	2.44	0.4	39.6	33	0.8	9.7	1.5	0.1	1	7	22.8
REP 125136	QC																				
125152	Drill Core	2.61	0.111	14.5	9	0.89	109	0.195	6.80	1.858	1.95	0.3	10.7	32	1.2	9.9	4.7	0.3	<1	7	13.3
REP 125152	QC	2.67	0.126	15.6	9	0.91	96	0.202	7.00	1.934	2.20	0.3	10.9	34	1.4	10.3	4.9	0.3	<1	7	13.2
125172	Drill Core	1.62	0.078	6.3	16	0.62	65	0.116	6.46	2.127	2.96	0.3	5.4	14	1.7	5.7	2.2	0.2	<1	5	27.0
REP 125172	QC	1.45	0.075	6.0	16	0.62	75	0.112	6.44	2.165	2.87	0.2	5.5	13	1.7	5.7	2.2	0.2	<1	5	27.3
125176	Drill Core	1.64	0.114	10.2	8	0.76	62	0.156	6.52	1.778	2.35	0.5	5.2	21	2.8	8.8	3.3	0.2	<1	7	49.6
REP 125176	QC																				
125183	Drill Core	1.92	0.094	10.7	11	0.80	56	0.152	6.65	0.759	2.44	1.9	9.3	21	1.1	7.5	2.6	0.2	<1	7	102.6
REP 125183	QC																				
125216	Drill Core	0.63	0.053	12.2	83	0.68	35	0.073	7.73	0.371	2.57	0.2	15.4	31	2.0	6.0	0.9	<0.1	1	12	19.7
REP 125216	QC																				
125232	Drill Core	0.61	0.056	14.1	101	0.86	456	0.098	9.52	0.422	3.49	0.2	18.4	36	0.8	5.9	1.1	<0.1	2	16	15.7
REP 125232	QC	0.58	0.054	14.2	99	0.87	316	0.100	9.02	0.415	3.47	0.2	18.7	36	0.9	5.8	1.2	<0.1	2	16	16.8
Core Reject Duplicates																					
125144	Drill Core	2.26	0.114	19.7	10	0.88	127	0.080	7.15	0.064	2.40	1.5	20.3	39	0.8	8.8	1.3	<0.1	1	7	112.5
DUP 125144	QC	2.30	0.121	20.1	9	0.90	112	0.076	7.48	0.066	2.51	1.4	21.1	42	0.8	8.8	1.3	0.1	<1	7	119.5
125179	Drill Core	1.71	0.097	10.7	16	0.77	74	0.143	6.47	1.442	2.60	1.2	6.4	21	1.2	7.2	2.8	0.2	1	6	56.0
DUP 125179	QC	1.69	0.097	10.3	17	0.79	62	0.148	6.34	1.381	2.62	1.1	6.6	20	1.5	7.5	2.9	0.2	<1	6	57.6
125214	Drill Core	0.67	0.050	12.3	129	0.67	82	0.084	8.94	0.357	2.61	0.3	13.5	29	1.5	5.4	0.9	<0.1	2	15	29.4
DUP 125214	QC	0.62	0.049	11.7	127	0.64	64	0.083	8.57	0.353	2.52	0.2	13.4	28	1.7	5.1	1.0	<0.1	1	13	28.3
125249	Drill Core	2.52	0.101	16.4	16	0.89	1549	0.281	7.12	0.121	4.08	0.6	86.0	34	0.5	8.7	9.8	0.7	1	4	18.6
DUP 125249	QC	2.43	0.100	15.1	14	0.86	1466	0.284	6.83	0.118	4.03	0.7	85.3	32	0.6	8.4	9.7	0.7	1	4	17.6
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	5.44	0.114	16.8	196	3.97	242	1.028	7.15	1.974	0.63	0.4	119.1	32	1.4	20.3	17.1	0.9	<1	20	7.0



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
125136	Drill Core	3.4	65.4	1.4	
REP 125136	QC				
125152	Drill Core	2.5	60.7	0.3	
REP 125152	QC	2.6	59.4	0.3	
125172	Drill Core	2.7	71.0	0.2	
REP 125172	QC	2.7	69.3	0.2	
125176	Drill Core	4.8	80.6	0.2	2.003
REP 125176	QC				2.071
125183	Drill Core	4.4	85.4	0.3	
REP 125183	QC				
125216	Drill Core	5.5	69.3	0.4	
REP 125216	QC				
125232	Drill Core	1.5	82.7	0.5	
REP 125232	QC	1.5	85.7	0.5	
Core Reject Duplicates					
125144	Drill Core	3.2	65.8	0.8	
DUP 125144	QC	3.3	70.4	0.7	
125179	Drill Core	3.6	76.7	0.2	
DUP 125179	QC	3.4	76.5	0.3	
125214	Drill Core	3.3	59.2	0.4	
DUP 125214	QC	3.2	59.5	0.3	
125249	Drill Core	<0.1	147.9	2.7	
DUP 125249	QC	<0.1	131.9	2.7	
Reference Materials					
STD OREAS131B	Standard				0.022
STD OREAS131B	Standard				0.023
STD OREAS153A	Standard				0.729
STD OREAS24P	Standard	<0.1	19.8	3.4	



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
STD OREAS24P	Standard			1.4	48.5	2.8	115	<0.1	143.7	45.8	1128	7.58	3	0.8	<0.1	3.0	338	<0.1	<0.1	<0.1	154
STD OREAS24P	Standard			1.7	56.2	3.3	119	<0.1	145.1	48.1	1134	7.78	5	0.8	<0.1	3.2	392	0.1	<0.1	<0.1	175
STD OREAS24P	Standard			1.4	49.3	2.8	112	<0.1	138.4	43.4	1074	7.25	4	0.7	<0.1	2.8	377	<0.1	<0.1	<0.1	152
STD OREAS24P	Standard			1.6	48.2	2.7	115	<0.1	143.5	44.1	1114	7.66	3	1.1	<0.1	2.8	391	0.1	<0.1	<0.1	167
STD OREAS45C	Standard			2.0	601.1	21.3	81	0.1	335.7	103.1	1107	18.30	12	2.0	<0.1	9.6	34	0.2	0.7	0.2	264
STD OREAS45C	Standard			2.1	618.9	25.2	81	0.2	329.7	106.2	1176	17.72	12	2.4	<0.1	11.2	40	0.3	0.8	0.3	255
STD OREAS45C	Standard			2.1	613.8	25.2	80	0.1	344.8	106.1	1169	18.59	13	2.4	<0.1	11.4	37	0.1	1.0	0.2	272
STD OREAS45C	Standard			2.0	559.6	24.5	72	0.4	317.9	96.0	1073	16.55	11	2.3	<0.1	10.6	37	0.1	0.8	0.2	251
STD OREAS45C	Standard			2.3	645.3	25.6	87	0.2	353.9	105.5	1204	19.15	12	2.4	<0.1	11.3	40	0.2	0.7	0.2	284
STD OXH82	Standard		1.335																		
STD OXH82	Standard		1.358																		
STD OXH82	Standard		1.326																		
STD OXH82	Standard		1.283																		
STD OXH82	Standard		1.295																		
STD OXK79	Standard		3.742																		
STD OXK79	Standard		3.649																		
STD OXK79	Standard		3.699																		
STD OXK79	Standard		3.740																		
STD OXK79	Standard		3.763																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 31, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000698.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	6.00	0.132	19.3	199	4.04	277	1.055	7.46	2.450	0.68	0.4	136.0	38	1.7	24.2	19.1	1.1	1	21	7.5
STD OREAS24P	Standard	5.62	0.141	20.2	204	4.20	300	1.061	8.10	2.622	0.70	0.5	135.4	38	1.7	22.9	19.0	1.2	<1	21	8.2
STD OREAS24P	Standard	5.44	0.135	18.6	186	4.09	280	1.066	7.66	2.378	0.62	0.5	132.1	37	1.5	23.9	18.6	1.1	<1	17	8.0
STD OREAS24P	Standard	5.92	0.140	19.1	184	4.10	284	1.065	7.65	2.336	0.69	0.5	139.1	38	1.6	24.7	20.2	1.1	1	20	7.5
STD OREAS45C	Standard	0.45	0.042	23.9	954	0.21	244	1.153	6.70	0.084	0.32	1.0	143.4	45	2.4	11.3	20.4	1.3	<1	59	14.0
STD OREAS45C	Standard	0.50	0.051	27.8	905	0.28	284	1.201	7.25	0.100	0.36	1.1	165.9	53	3.1	13.9	22.1	1.4	<1	61	15.8
STD OREAS45C	Standard	0.52	0.053	28.3	902	0.29	288	1.089	7.49	0.114	0.36	1.2	161.7	51	3.1	13.2	21.4	1.4	<1	60	16.6
STD OREAS45C	Standard	0.43	0.049	25.4	834	0.26	265	1.127	6.98	0.099	0.32	0.9	157.9	50	2.6	13.4	21.5	1.3	1	51	14.4
STD OREAS45C	Standard	0.51	0.054	27.5	906	0.29	295	1.215	7.26	0.107	0.37	1.1	181.2	55	3.5	15.0	26.5	1.5	<1	61	17.6
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank																				



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Project: Poplar Drilling

Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000698.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD OREAS24P	Standard	<0.1	22.3	3.5	
STD OREAS24P	Standard	<0.1	22.3	3.4	
STD OREAS24P	Standard	<0.1	21.0	3.4	
STD OREAS24P	Standard	<0.1	21.5	3.5	
STD OREAS45C	Standard	<0.1	20.8	3.6	
STD OREAS45C	Standard	<0.1	24.6	4.1	
STD OREAS45C	Standard	<0.1	24.9	4.6	
STD OREAS45C	Standard	<0.1	22.9	4.0	
STD OREAS45C	Standard	<0.1	25.3	4.5	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SU-1B	Standard				1.140
STD SU-1B	Standard				1.235
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
STD OREAS153A Expected					0.712
BLK	Blank				



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SMI11000698.1

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QUALITY CONTROL REPORT

SMI11000698.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	1.0	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	2.26	0.061	23.3	4	0.51	1032	0.220	6.97	2.478	3.09	0.1	10.9	48	1.3	13.5	22.7	1.3	3	5	28.5
G1	Prep Blank	2.31	0.063	23.8	10	0.55	918	0.246	6.96	2.476	2.98	0.1	9.8	49	1.3	12.6	21.6	1.2	3	5	30.1



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Project: Poplar Drilling

Report Date: December 31, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000698.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
BLK	Blank				<0.001
Prep Wash					
G1	Prep Blank	<0.1	106.5	0.6	
G1	Prep Blank	<0.1	103.8	0.5	



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 04, 2011
Report Date: January 10, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000698.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_106
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	4	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125130	Drill Core	7.38	0.019	6.9	528.9	9.9	47	0.2	5.6	8.8	263	3.48	11	1.8	<0.1	4.9	701	0.2	0.2	0.2
125131	Rock	0.76	<0.005	0.4	1.8	<0.1	<1	<0.1	1.1	0.5	26	0.12	26	1.3	<0.1	<0.1	4109	<0.1	<0.1	<0.1
125132	Drill Core	7.57	0.011	5.8	217.4	37.8	123	0.2	6.2	13.1	447	3.57	5	1.8	<0.1	4.8	630	0.4	0.2	0.2
125133	Drill Core	7.39	0.012	22.9	456.3	7.6	27	0.1	6.2	26.6	174	3.62	4	2.6	<0.1	4.7	648	<0.1	0.2	0.1
125134	Drill Core	7.15	0.011	10.4	415.6	10.6	29	0.1	6.6	23.1	149	3.65	3	2.4	<0.1	4.6	718	<0.1	<0.1	0.1
125135	Drill Core	6.98	0.009	5.9	248.9	12.4	40	0.1	7.1	13.6	174	3.36	6	2.2	<0.1	4.9	677	0.2	0.1	<0.1
125136	Drill Core	7.38	0.008	4.2	254.6	12.6	44	0.1	6.7	12.0	206	3.51	13	2.1	<0.1	4.7	613	0.2	0.3	<0.1
125137	Drill Core	6.92	0.010	3.6	213.5	16.3	71	0.1	6.9	12.6	274	4.02	14	2.1	<0.1	4.4	518	0.2	0.5	0.1
125138	Drill Core	4.05	0.014	3.2	212.9	15.6	73	0.2	6.2	11.3	270	3.88	13	2.3	<0.1	4.8	511	0.3	0.5	<0.1
125139	Drill Core	3.72	0.023	5.1	440.6	14.9	58	0.2	6.7	16.6	284	3.79	21	1.9	<0.1	4.2	514	0.2	0.5	<0.1
125140	Drill Core	7.07	0.008	3.1	204.0	7.6	46	0.1	6.3	9.2	198	3.79	4	2.0	<0.1	4.6	746	<0.1	<0.1	<0.1
125141	Drill Core	2.02	0.011	1.5	252.9	7.1	40	0.1	7.8	11.1	175	3.63	3	1.8	<0.1	4.5	747	0.1	<0.1	<0.1
125142	Drill Core	7.00	0.015	4.1	321.0	7.5	56	0.2	6.8	11.4	324	3.50	35	1.9	<0.1	4.6	428	<0.1	3.4	<0.1
125143	Drill Core	6.71	0.016	13.2	489.6	19.4	84	0.5	6.6	13.9	845	3.93	63	2.0	<0.1	4.8	415	0.5	3.0	<0.1
125144	Drill Core	6.74	0.031	51.5	1018	6.8	65	0.4	6.3	24.1	404	3.34	166	1.7	<0.1	5.1	553	0.3	5.5	<0.1
125145	Drill Core	7.08	0.074	40.1	2320	9.5	106	0.7	6.3	21.9	413	3.21	332	1.6	<0.1	4.6	662	0.4	18.4	<0.1
125146	Rock Pulp	0.13	0.852	23.0	5336	6403	>10000	71.0	50.3	21.2	532	9.66	446	2.3	1.0	2.2	155	235.2	104.4	27.5
125147	Drill Core	7.37	0.208	15.9	5514	21.3	137	1.4	9.0	23.3	272	5.38	351	1.2	0.1	4.0	318	0.5	3.9	0.2
125148	Drill Core	7.27	0.167	7.6	4230	63.5	429	1.6	5.5	9.8	229	2.69	387	1.0	0.2	4.7	555	2.2	1.6	0.1
125149	Drill Core	6.75	0.177	18.5	4869	20.1	206	1.2	7.0	13.6	250	3.63	187	0.9	0.2	4.4	481	0.5	1.2	0.2
125150	Drill Core	7.14	0.489	89.2	>10000	30.8	242	5.0	14.7	24.0	689	6.46	222	1.1	0.6	4.5	719	0.8	8.4	0.2
125151	Drill Core	7.57	0.129	87.2	3590	30.2	157	1.3	8.0	16.3	436	4.77	111	0.8	<0.1	4.4	627	0.6	1.5	0.2
125152	Drill Core	7.14	0.116	160.2	3389	58.6	172	1.9	7.8	13.4	548	4.98	7	0.8	0.1	4.4	555	0.9	0.8	0.3
125153	Rock	0.50	<0.005	0.5	12.8	<0.1	1	<0.1	<0.1	0.5	22	0.11	23	1.4	<0.1	0.1	4359	<0.1	<0.1	<0.1
125154	Drill Core	8.06	0.075	87.9	2293	13.9	71	0.7	7.5	15.5	276	5.08	32	0.8	<0.1	4.3	627	0.2	0.4	<0.1
125155	Drill Core	7.64	0.078	111.1	1521	26.7	106	0.8	6.0	10.8	1385	4.60	7	0.8	0.1	4.2	569	0.4	0.5	0.1
125156	Drill Core	7.49	0.077	60.9	1919	12.7	63	0.7	7.4	15.0	392	4.35	7	0.9	<0.1	4.2	602	0.3	0.5	0.1
125157	Drill Core	7.23	0.093	98.0	2506	12.7	65	0.9	8.4	14.8	433	4.69	6	0.8	0.1	4.5	644	0.4	0.3	0.1
125158	Drill Core	3.97	0.088	93.4	2556	12.2	52	1.0	8.5	15.8	594	4.74	5	0.8	0.2	4.3	610	0.3	0.3	0.1
125159	Drill Core	7.01	0.072	91.7	2074	11.7	55	0.9	6.6	17.9	416	4.61	9	0.8	0.2	3.8	497	0.2	0.3	<0.1



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Project:

Poplar Drilling

Report Date:

January 10, 2012

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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125130	Drill Core	2.59	0.127	16.5	10	0.93	42	0.111	6.81	2.114	1.89	0.4	37.6	34	1.1	10.4	1.3	<0.1	<1	7
125131	Rock	32.20	0.003	<0.1	<1	1.75	4	<0.001	<0.01	0.005	<0.01	<0.1	0.3	<1	<0.1	0.1	<0.1	<0.1	<1	<1
125132	Drill Core	2.62	0.115	15.9	8	0.89	49	0.113	6.85	1.809	1.91	0.6	35.7	32	0.9	9.1	1.4	0.1	<1	6
125133	Drill Core	2.56	0.119	17.5	11	0.99	53	0.090	6.79	1.776	1.98	0.8	36.7	35	0.9	9.3	1.3	<0.1	<1	7
125134	Drill Core	2.68	0.125	15.8	8	0.92	39	0.087	6.84	1.892	2.31	0.9	36.7	33	0.9	8.9	1.3	<0.1	1	6
125135	Drill Core	2.59	0.112	15.2	12	0.84	39	0.102	6.98	2.322	2.05	0.7	40.7	31	0.7	10.1	1.5	0.1	<1	6
125136	Drill Core	2.49	0.113	15.9	10	0.80	58	0.116	7.06	2.152	2.44	0.4	39.6	33	0.8	9.7	1.5	0.1	1	7
125137	Drill Core	2.15	0.114	13.0	13	0.72	38	0.121	6.79	1.770	2.31	0.4	38.8	28	0.9	8.1	1.5	0.1	<1	6
125138	Drill Core	2.09	0.125	15.8	10	0.72	48	0.127	7.18	1.839	2.32	0.4	38.6	32	0.8	8.7	1.6	0.1	<1	7
125139	Drill Core	2.61	0.106	13.1	13	0.74	48	0.135	6.73	1.625	2.21	0.4	38.2	28	1.0	8.7	1.6	<0.1	<1	7
125140	Drill Core	2.48	0.108	15.7	11	0.89	161	0.234	6.98	2.439	2.25	0.2	32.5	32	1.1	9.7	4.8	0.3	1	7
125141	Drill Core	2.80	0.104	15.1	14	0.83	172	0.209	6.89	2.581	2.14	0.3	29.7	30	0.8	9.2	4.3	0.3	1	6
125142	Drill Core	2.65	0.110	15.3	11	0.76	211	0.208	6.99	0.444	2.22	0.3	33.1	31	0.9	9.0	4.4	0.3	<1	6
125143	Drill Core	3.05	0.116	16.9	9	0.92	108	0.096	6.68	0.095	2.49	0.8	28.4	33	0.7	8.2	1.4	<0.1	<1	6
125144	Drill Core	2.26	0.114	19.7	10	0.88	127	0.080	7.15	0.064	2.40	1.5	20.3	39	0.8	8.8	1.3	<0.1	1	7
125145	Drill Core	1.95	0.127	21.4	7	0.84	76	0.079	6.59	0.369	2.48	0.6	12.8	38	0.9	7.5	1.7	0.1	1	6
125146	Rock Pulp	1.81	0.048	10.7	36	0.90	98	0.184	3.75	1.174	0.74	1.1	36.0	22	57.0	11.2	4.3	0.2	<1	8
125147	Drill Core	2.03	0.117	12.2	8	0.78	27	0.109	6.32	0.890	1.84	0.4	13.4	29	1.5	8.8	1.9	0.1	<1	6
125148	Drill Core	1.70	0.113	10.4	7	0.58	94	0.205	7.51	1.108	2.14	0.5	11.9	22	1.4	8.5	4.9	0.3	1	6
125149	Drill Core	1.55	0.079	8.0	10	0.56	39	0.108	5.84	1.176	2.40	0.5	9.7	17	1.2	6.7	2.4	0.2	<1	4
125150	Drill Core	2.09	0.128	14.9	9	0.73	46	0.144	6.26	1.052	1.83	0.4	7.8	32	2.5	10.0	2.7	0.2	1	6
125151	Drill Core	2.14	0.101	13.3	14	0.71	67	0.107	6.16	1.487	2.09	0.4	9.4	29	1.1	8.7	2.1	0.1	<1	6
125152	Drill Core	2.61	0.111	14.5	9	0.89	109	0.195	6.80	1.858	1.95	0.3	10.7	32	1.2	9.9	4.7	0.3	<1	7
125153	Rock	34.83	0.004	0.6	<1	1.56	9	0.002	0.16	0.005	<0.01	<0.1	0.4	<1	<0.1	0.5	<0.1	<0.1	<1	<1
125154	Drill Core	2.09	0.112	11.6	7	0.78	75	0.174	6.78	1.723	3.13	0.2	9.0	26	1.2	9.5	3.4	0.2	<1	6
125155	Drill Core	2.29	0.117	14.3	11	0.85	135	0.191	6.68	1.632	3.25	0.5	10.0	32	1.2	9.6	3.5	0.2	<1	6
125156	Drill Core	2.33	0.121	12.3	8	0.83	76	0.184	6.88	1.711	3.05	0.4	11.7	27	1.1	8.6	3.4	0.2	<1	6
125157	Drill Core	2.59	0.111	13.0	12	0.86	73	0.176	7.16	1.887	2.66	0.3	10.5	29	1.0	9.7	3.7	0.2	<1	6
125158	Drill Core	2.68	0.108	13.6	9	0.85	62	0.186	7.02	1.817	2.67	0.2	10.6	31	1.2	9.9	3.3	0.2	1	6
125159	Drill Core	2.19	0.126	11.9	14	0.90	75	0.192	6.92	1.864	2.50	0.2	11.0	27	1.1	8.9	3.6	0.2	<1	6



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125130	Drill Core	3.5	64.3	1.3	
125131	Rock	<0.1	0.2	<0.1	
125132	Drill Core	3.4	56.2	1.3	
125133	Drill Core	3.7	57.8	1.3	
125134	Drill Core	4.4	55.8	1.3	
125135	Drill Core	3.8	50.5	1.3	
125136	Drill Core	3.4	65.4	1.4	
125137	Drill Core	3.4	61.6	1.3	
125138	Drill Core	3.3	65.4	1.3	
125139	Drill Core	3.3	59.9	1.3	
125140	Drill Core	1.4	53.7	1.1	
125141	Drill Core	1.9	41.2	1.0	
125142	Drill Core	1.7	44.6	1.3	
125143	Drill Core	3.4	70.5	1.0	
125144	Drill Core	3.2	65.8	0.8	
125145	Drill Core	2.9	67.5	0.5	
125146	Rock Pulp	10.0	21.3	0.9	
125147	Drill Core	5.0	47.4	0.5	
125148	Drill Core	1.8	57.0	0.4	
125149	Drill Core	3.0	63.7	0.3	
125150	Drill Core	5.3	64.3	0.3	1.651
125151	Drill Core	4.4	64.2	0.3	
125152	Drill Core	2.5	60.7	0.3	
125153	Rock	<0.1	0.5	<0.1	
125154	Drill Core	3.8	70.8	0.3	
125155	Drill Core	2.6	74.7	0.4	
125156	Drill Core	2.9	67.5	0.4	
125157	Drill Core	3.4	65.1	0.3	
125158	Drill Core	3.6	67.6	0.3	
125159	Drill Core	3.1	59.0	0.4	



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125160	Drill Core	6.39	0.071	54.0	1951	14.5	66	1.2	7.7	19.5	498	4.65	12	1.0	0.2	3.9	648	0.3	0.4	<0.1
125161	Drill Core	6.99	0.032	35.9	871.3	40.7	90	1.0	6.5	12.8	1557	3.79	26	1.2	<0.1	4.3	512	0.4	1.5	<0.1
125162	Drill Core	7.36	0.047	30.2	1454	8.6	39	0.5	8.1	14.9	273	4.32	4	1.1	<0.1	4.5	714	0.1	0.2	<0.1
125163	Drill Core	6.67	0.037	36.8	1274	14.5	83	0.8	5.9	11.7	1569	3.69	102	1.4	<0.1	5.2	646	0.3	9.3	0.4
125164	Drill Core	6.96	0.028	55.8	1253	10.6	47	0.5	6.8	17.0	400	4.72	18	1.4	<0.1	5.4	801	<0.1	0.4	0.3
125165	Rock Pulp	0.14	0.818	24.9	5493	6943	>10000	75.4	50.7	21.3	576	10.09	217	2.4	0.9	2.4	174	245.0	123.2	29.8
125166	Drill Core	6.46	0.043	81.2	1447	15.3	94	0.5	6.8	20.5	499	4.24	199	1.3	<0.1	5.3	706	0.3	12.0	0.2
125167	Drill Core	7.08	0.090	56.5	3024	12.2	78	0.9	7.3	19.9	437	4.74	363	1.0	0.1	4.7	599	0.3	5.9	0.2
125168	Drill Core	7.03	0.071	28.4	2573	12.5	72	0.8	7.5	17.8	429	4.54	191	1.1	0.3	5.1	719	0.2	0.6	0.2
125169	Drill Core	7.43	0.196	9.6	6651	78.3	748	4.3	7.9	21.6	1255	3.94	730	0.9	0.2	5.3	288	2.8	16.9	0.2
125170	Drill Core	7.03	0.316	9.6	>10000	34.9	208	3.1	7.7	17.6	355	3.80	484	0.7	1.0	5.0	363	0.8	7.4	0.1
125171	Rock	0.63	<0.005	<0.1	14.9	0.4	3	0.1	<0.1	0.4	40	0.08	21	1.5	<0.1	<0.1	4720	<0.1	<0.1	<0.1
125172	Drill Core	7.55	0.179	9.1	8038	12.9	39	2.4	6.8	14.2	181	3.31	7	0.5	0.3	4.6	414	0.3	0.3	<0.1
125173	Drill Core	6.76	0.179	11.6	7085	50.1	124	5.2	6.3	19.1	1543	3.45	52	0.6	0.2	4.6	261	0.7	2.3	0.2
125174	Drill Core	6.65	0.337	10.8	>10000	9.1	36	2.9	7.7	17.3	265	4.05	7	0.5	0.2	4.1	640	0.2	0.3	0.1
125175	Drill Core	4.13	0.297	8.1	9788	10.6	41	3.8	7.7	17.2	402	4.13	14	0.6	0.2	4.2	764	0.1	0.6	0.1
125176	Drill Core	7.49	0.624	11.6	>10000	46.8	214	9.9	14.0	32.4	834	6.62	126	0.7	1.4	4.9	528	0.8	7.4	0.2
125177	Drill Core	7.12	0.145	30.5	4858	23.3	100	2.6	5.6	21.9	1116	3.71	84	0.6	<0.1	5.3	595	0.4	2.5	0.1
125178	Drill Core	7.59	0.174	13.8	5582	12.7	82	2.8	7.0	19.2	717	3.86	152	0.6	0.1	5.2	761	0.3	23.5	0.2
125179	Drill Core	7.91	0.193	17.6	5604	51.3	236	2.4	7.2	34.2	756	4.32	286	1.0	0.2	4.5	513	0.9	16.6	0.2
125180	Drill Core	1.90	0.174	37.4	5599	39.9	111	2.8	7.0	19.9	364	3.67	86	0.7	0.3	4.2	772	0.5	1.0	<0.1
125181	Drill Core	5.28	0.108	13.6	4164	14.9	59	1.8	7.8	21.8	706	4.07	21	0.6	0.1	4.3	624	<0.1	0.5	0.1
125182	Drill Core	7.09	0.153	36.0	5097	50.2	327	2.6	7.2	25.4	787	3.82	402	0.7	0.1	3.3	489	1.7	6.0	0.1
125183	Drill Core	7.34	0.123	77.2	3861	49.3	691	2.6	7.9	57.5	1367	5.43	611	1.1	0.1	3.1	487	3.6	64.3	0.2
125184	Drill Core	7.42	0.170	48.8	5771	40.5	154	2.7	5.6	22.8	770	3.04	257	0.6	0.5	4.7	1926	0.8	7.3	0.2
125185	Drill Core	7.58	0.187	23.8	5991	119.2	332	4.6	6.2	18.4	883	2.92	727	0.6	0.1	4.6	711	2.0	63.4	0.2
125186	Rock Pulp	0.15	0.480	152.0	3822	30.3	73	2.7	39.7	22.2	426	4.78	49	1.3	0.6	2.9	248	0.5	5.0	0.4
125187	Drill Core	7.07	0.135	39.0	4555	71.4	548	2.9	6.8	32.1	1048	3.16	899	1.0	0.1	4.9	432	2.6	72.4	0.1
125188	Drill Core	7.09	0.183	65.4	5848	50.3	165	3.5	7.7	24.6	1181	3.57	363	0.6	0.1	4.8	1352	1.0	42.5	0.1
125189	Drill Core	7.05	0.127	63.3	4156	533.2	1374	11.6	8.4	22.5	>10000	3.66	955	0.7	0.1	4.6	335	11.1	256.8	0.5



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125160	Drill Core	2.43	0.118	10.7	9	0.76	46	0.168	6.57	2.381	2.48	0.3	14.3	24	1.0	7.6	3.4	0.2	1	6
125161	Drill Core	2.34	0.117	10.7	10	0.88	113	0.176	6.94	1.275	2.86	0.6	18.3	23	1.0	8.6	3.5	0.2	<1	6
125162	Drill Core	2.56	0.109	11.9	11	0.87	83	0.174	7.09	2.538	1.96	0.3	15.9	26	0.9	9.0	3.7	0.2	<1	6
125163	Drill Core	2.60	0.127	14.5	11	0.89	229	0.199	7.60	1.697	2.65	0.4	18.1	28	1.1	9.8	3.6	0.3	1	7
125164	Drill Core	2.59	0.134	13.9	13	0.88	106	0.195	7.65	2.580	2.31	0.3	18.4	29	1.1	9.9	3.6	0.2	1	7
125165	Rock Pulp	1.85	0.056	12.7	36	0.95	140	0.207	4.02	1.437	0.80	1.4	32.4	26	56.4	11.9	4.5	0.2	<1	9
125166	Drill Core	2.23	0.146	13.7	11	0.84	127	0.191	7.83	1.454	2.82	0.7	18.0	29	1.2	10.2	3.8	0.3	1	7
125167	Drill Core	1.83	0.127	12.6	11	0.81	83	0.187	7.53	1.550	3.06	0.5	13.3	26	1.2	7.4	3.3	0.2	<1	7
125168	Drill Core	1.98	0.140	14.5	12	0.78	137	0.208	7.71	1.467	2.76	0.3	17.2	31	1.2	9.7	3.8	0.2	1	7
125169	Drill Core	1.95	0.083	8.9	8	0.83	132	0.133	6.60	0.943	2.93	0.5	7.4	18	1.7	6.7	2.4	0.2	<1	6
125170	Drill Core	1.44	0.088	7.3	13	0.66	90	0.117	6.21	1.344	2.85	0.3	6.1	15	1.9	6.0	1.9	0.2	1	5
125171	Rock	34.31	0.004	0.5	1	2.14	6	<0.001	0.05	0.003	<0.01	<0.1	<0.1	<1	<0.1	0.3	<0.1	<0.1	<1	<1
125172	Drill Core	1.62	0.078	6.3	16	0.62	65	0.116	6.46	2.127	2.96	0.3	5.4	14	1.7	5.7	2.2	0.2	<1	5
125173	Drill Core	1.45	0.080	7.3	7	0.75	74	0.104	6.60	1.323	2.96	0.5	6.0	15	1.7	5.5	2.0	0.2	<1	5
125174	Drill Core	1.49	0.084	7.2	17	0.73	77	0.145	6.19	2.209	2.24	0.2	5.2	15	1.7	6.4	2.4	0.2	<1	6
125175	Drill Core	1.59	0.089	8.4	14	0.77	85	0.168	6.49	2.221	2.34	0.3	6.4	17	1.6	6.9	2.9	0.2	<1	6
125176	Drill Core	1.64	0.114	10.2	8	0.76	62	0.156	6.52	1.778	2.35	0.5	5.2	21	2.8	8.8	3.3	0.2	<1	7
125177	Drill Core	1.66	0.088	7.6	14	0.71	110	0.135	6.88	1.960	2.91	0.4	7.5	16	1.1	6.9	2.5	0.2	<1	6
125178	Drill Core	1.45	0.079	7.6	8	0.69	89	0.127	6.68	1.757	2.90	0.2	6.6	15	1.3	5.9	2.3	0.2	1	6
125179	Drill Core	1.71	0.097	10.7	16	0.77	74	0.143	6.47	1.442	2.60	1.2	6.4	21	1.2	7.2	2.8	0.2	1	6
125180	Drill Core	1.70	0.095	9.6	13	0.77	76	0.166	6.34	1.926	2.35	1.4	6.3	20	1.4	7.6	3.2	0.2	<1	7
125181	Drill Core	1.91	0.113	9.2	20	0.85	85	0.183	6.98	2.034	2.23	0.4	6.7	20	1.2	8.3	3.3	0.2	1	8
125182	Drill Core	1.71	0.104	8.6	10	0.71	106	0.169	6.52	1.605	2.33	1.3	6.4	18	1.3	7.1	3.2	0.2	1	7
125183	Drill Core	1.92	0.094	10.7	11	0.80	56	0.152	6.65	0.759	2.44	1.9	9.3	21	1.1	7.5	2.6	0.2	<1	7
125184	Drill Core	1.51	0.074	13.8	7	0.63	178	0.129	6.52	2.219	2.19	1.0	7.0	25	1.2	6.3	2.5	0.2	<1	5
125185	Drill Core	1.47	0.071	11.4	11	0.62	188	0.116	6.56	1.682	2.52	1.5	6.8	22	1.1	5.6	2.3	0.2	<1	4
125186	Rock Pulp	0.39	0.115	17.3	62	1.05	284	0.313	6.87	1.574	3.16	14.3	26.6	31	2.5	11.4	2.8	0.2	1	17
125187	Drill Core	1.67	0.100	13.0	6	0.66	120	0.142	7.12	1.166	2.48	1.9	7.1	24	1.0	6.4	2.6	0.2	1	5
125188	Drill Core	1.99	0.109	11.6	17	0.84	136	0.198	7.26	1.734	2.51	0.6	6.7	23	1.3	8.6	3.6	0.3	1	7
125189	Drill Core	1.16	0.092	14.8	10	0.57	208	0.143	6.26	0.042	2.83	3.9	6.1	27	1.0	8.4	2.6	0.2	<1	6



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Page: 3 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125160	Drill Core	3.3	58.5	0.5	
125161	Drill Core	2.1	86.0	0.5	
125162	Drill Core	2.9	53.5	0.4	
125163	Drill Core	2.0	89.6	0.5	
125164	Drill Core	2.9	65.1	0.6	
125165	Rock Pulp	9.6	25.0	1.2	
125166	Drill Core	2.4	73.0	0.5	
125167	Drill Core	3.1	76.5	0.4	
125168	Drill Core	2.5	71.7	0.4	
125169	Drill Core	2.8	89.7	0.3	
125170	Drill Core	2.9	78.2	0.3	1.033
125171	Rock	<0.1	<0.1	<0.1	
125172	Drill Core	2.7	71.0	0.2	
125173	Drill Core	2.7	95.6	0.2	
125174	Drill Core	2.8	62.6	0.2	1.090
125175	Drill Core	3.0	72.0	0.2	
125176	Drill Core	4.8	80.6	0.2	2.003
125177	Drill Core	2.9	87.3	0.3	
125178	Drill Core	3.1	82.0	0.2	
125179	Drill Core	3.6	76.7	0.2	
125180	Drill Core	2.8	69.7	0.3	
125181	Drill Core	2.9	70.2	0.2	
125182	Drill Core	2.7	68.7	0.2	
125183	Drill Core	4.4	85.4	0.3	
125184	Drill Core	2.2	75.2	0.3	
125185	Drill Core	2.1	87.7	0.3	
125186	Rock Pulp	2.1	114.7	0.9	
125187	Drill Core	2.4	84.3	0.3	
125188	Drill Core	2.3	90.2	0.2	
125189	Drill Core	2.2	145.0	0.2	



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125190	Drill Core	4.44	0.080	40.0	2015	92.8	238	3.1	7.4	20.9	7712	3.27	262	1.3	0.4	5.9	530	1.4	39.4	0.3
125191	Drill Core	6.62	0.037	4.5	1289	13.4	33	0.6	5.2	14.1	606	2.97	7	1.1	<0.1	5.8	2059	<0.1	1.2	<0.1
125192	Drill Core	6.29	0.061	18.4	1430	485.6	968	1.6	5.3	19.2	2885	2.99	48	1.1	<0.1	5.5	471	5.7	3.5	0.2
125193	Rock	0.53	<0.005	0.1	3.8	1.0	1	0.1	<0.1	<0.2	31	0.09	16	1.6	<0.1	<0.1	5046	<0.1	<0.1	<0.1
125194	Drill Core	7.60	0.097	26.2	1103	202.3	286	1.0	5.7	20.1	2597	3.13	19	1.0	0.1	5.8	1395	1.7	1.0	0.2
125195	Drill Core	6.89	0.048	21.5	1185	109.4	388	1.1	5.3	23.7	2063	3.13	11	0.8	<0.1	5.4	807	2.2	0.7	0.5
125196	Drill Core	7.28	0.039	25.3	1279	45.9	61	1.0	4.6	19.5	805	2.78	10	0.9	<0.1	6.0	1717	0.2	0.6	0.3
125197	Drill Core	3.51	0.039	48.1	1218	68.8	62	1.3	5.2	20.3	998	2.84	13	0.9	<0.1	5.4	1651	0.3	0.5	0.5
125198	Drill Core	7.14	0.070	34.9	1326	296.0	89	0.9	6.0	19.8	1232	2.79	32	0.9	<0.1	5.1	896	0.6	2.3	0.4
125199	Drill Core	6.81	0.067	79.1	1941	20.9	67	0.9	8.7	27.3	412	3.44	8	1.0	<0.1	5.3	1674	0.3	0.3	0.3
125200	Drill Core	7.19	0.072	82.0	1892	26.3	62	1.0	8.0	17.0	939	2.71	16	1.0	<0.1	5.8	523	0.2	1.9	0.2
125201	Drill Core	5.27	<0.005	0.9	19.1	24.3	117	0.2	10.6	8.0	591	2.34	7	3.0	<0.1	8.8	453	0.4	1.2	0.3
125202	Drill Core	7.08	<0.005	0.8	32.2	23.9	150	0.5	10.0	8.3	715	2.03	13	3.1	<0.1	8.9	461	0.5	1.3	0.3
125203	Drill Core	6.07	<0.005	0.8	32.4	23.7	185	0.3	9.7	6.9	672	2.20	8	3.2	<0.1	9.0	378	0.6	1.7	0.2
125204	Drill Core	6.74	<0.005	0.9	16.4	25.2	132	0.1	12.3	7.0	684	2.25	8	3.3	<0.1	8.7	305	0.6	1.5	0.2
125205	Drill Core	4.19	<0.005	0.7	5.9	18.2	150	<0.1	15.9	5.9	703	2.39	7	2.5	<0.1	8.7	302	0.3	1.5	0.3
125206	Rock Pulp	0.14	0.922	145.6	3668	50.7	129	3.8	27.3	20.9	507	5.05	65	1.2	0.7	2.9	247	0.7	8.1	0.7
125207	Drill Core	7.00	0.014	3.8	169.1	88.2	212	1.8	99.3	22.8	433	4.37	12	3.1	<0.1	4.7	549	1.3	1.3	0.3
125208	Drill Core	7.16	0.015	7.7	169.6	6.5	45	0.1	125.7	32.1	171	4.82	5	0.9	<0.1	3.6	136	0.1	0.5	0.3
125209	Drill Core	6.84	0.012	6.8	190.5	22.7	73	0.5	105.7	29.7	114	3.42	3	1.6	<0.1	3.5	174	0.7	0.6	0.2
125210	Drill Core	7.60	0.011	4.5	187.2	3.1	28	<0.1	85.8	25.6	154	4.02	2	0.8	<0.1	3.3	107	<0.1	0.8	0.2
125211	Drill Core	7.47	0.012	6.2	144.2	5.3	24	0.1	120.4	29.9	163	5.20	1	0.8	<0.1	2.8	111	<0.1	0.3	0.3
125212	Drill Core	7.37	0.016	5.4	201.4	18.1	32	0.2	106.2	21.1	234	4.51	3	0.9	<0.1	3.1	166	0.1	0.3	0.3
125213	Rock	0.64	<0.005	0.1	1.0	0.2	<1	<0.1	<0.1	<0.2	29	0.06	16	1.4	<0.1	<0.1	4595	<0.1	<0.1	<0.1
125214	Drill Core	6.38	0.017	7.9	309.6	4.6	21	0.1	154.7	37.5	188	5.00	1	0.8	<0.1	3.6	98	<0.1	0.4	0.2
125215	Drill Core	7.17	0.028	8.6	490.7	4.1	25	0.2	157.1	62.7	200	7.01	2	1.5	<0.1	3.4	102	<0.1	0.4	0.3
125216	Drill Core	7.31	0.023	5.3	370.9	466.0	263	26.3	135.3	52.6	325	6.27	4	0.9	<0.1	3.2	140	1.6	3.2	0.3
125217	Drill Core	7.14	0.013	2.6	180.3	3.8	15	0.3	99.1	26.4	107	4.00	2	0.8	<0.1	3.8	131	<0.1	0.2	0.2
125218	Drill Core	3.75	0.025	3.3	231.1	4.3	17	0.3	110.8	33.0	125	4.94	1	1.0	<0.1	4.6	147	<0.1	0.3	0.3
125219	Drill Core	7.39	0.016	5.3	207.1	6.0	28	<0.1	144.4	37.0	194	6.34	2	1.1	<0.1	3.9	87	<0.1	0.3	0.3



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125190	Drill Core	2.12	0.127	20.4	11	0.68	156	0.181	7.57	0.483	3.23	2.7	21.5	39	0.8	10.2	2.9	0.2	1	7
125191	Drill Core	2.28	0.130	14.3	8	0.88	323	0.253	7.73	2.572	2.63	0.3	14.9	31	0.7	10.9	5.7	0.4	1	7
125192	Drill Core	3.09	0.127	16.8	9	0.79	313	0.209	7.15	1.644	2.92	0.6	13.3	34	0.7	10.4	4.3	0.3	1	6
125193	Rock	35.80	0.004	0.6	2	1.77	8	0.001	0.05	0.008	<0.01	<0.1	<0.1	<1	<0.1	0.3	0.1	<0.1	<1	<1
125194	Drill Core	2.70	0.129	14.2	10	0.79	209	0.246	7.59	2.145	2.79	0.6	14.9	31	0.6	11.3	5.5	0.4	<1	7
125195	Drill Core	3.04	0.126	14.5	8	0.81	192	0.242	7.27	1.932	2.56	0.5	13.5	31	0.7	10.9	5.4	0.4	<1	6
125196	Drill Core	2.58	0.133	16.1	10	0.81	246	0.257	7.55	2.475	2.49	0.3	14.7	34	0.6	11.1	5.9	0.4	1	7
125197	Drill Core	2.54	0.134	15.6	8	0.82	194	0.243	7.38	2.311	2.38	0.3	14.4	33	0.6	10.6	5.3	0.4	<1	7
125198	Drill Core	2.54	0.122	15.3	9	0.85	290	0.229	7.09	1.698	2.75	0.4	14.5	30	0.7	10.8	5.0	0.4	1	6
125199	Drill Core	2.34	0.127	14.3	9	0.83	135	0.232	7.36	2.260	2.53	0.4	15.2	31	0.8	11.4	5.3	0.3	1	6
125200	Drill Core	2.57	0.130	17.2	8	0.88	381	0.256	7.55	1.252	2.83	0.3	14.8	36	0.7	11.6	6.3	0.4	1	6
125201	Drill Core	1.95	0.101	19.4	14	0.87	897	0.282	7.54	0.032	0.74	0.8	93.1	37	0.6	9.3	10.0	0.7	1	5
125202	Drill Core	2.81	0.080	19.3	11	1.22	1170	0.238	7.10	0.030	0.70	0.8	84.5	35	0.6	9.0	9.0	0.7	<1	4
125203	Drill Core	2.56	0.084	19.7	10	1.08	803	0.248	7.24	0.063	1.79	0.8	89.5	37	0.6	9.5	9.4	0.7	1	5
125204	Drill Core	2.77	0.088	20.0	12	1.15	1074	0.254	7.07	0.072	2.35	0.9	88.0	38	0.8	9.6	9.3	0.7	1	5
125205	Drill Core	3.22	0.086	17.6	11	1.24	840	0.270	7.17	0.074	2.33	0.8	93.8	33	0.6	10.1	10.4	0.8	<1	5
125206	Rock Pulp	0.46	0.114	15.1	49	0.85	178	0.274	7.24	1.219	5.63	30.8	24.0	30	3.3	12.7	3.4	0.2	1	13
125207	Drill Core	0.54	0.051	13.8	117	0.46	58	0.147	8.59	0.285	1.78	0.4	32.1	32	1.5	6.0	2.5	0.2	3	14
125208	Drill Core	0.67	0.070	30.3	159	0.69	91	0.065	7.96	0.353	2.17	0.2	10.6	67	1.1	8.1	0.7	<0.1	1	16
125209	Drill Core	0.34	0.028	15.3	204	0.37	60	0.076	7.14	0.328	1.77	0.2	40.6	34	1.2	7.1	1.0	<0.1	1	13
125210	Drill Core	0.57	0.083	16.5	162	0.92	151	0.071	7.20	0.329	1.97	0.2	18.8	36	1.1	6.9	0.9	<0.1	2	13
125211	Drill Core	0.93	0.099	16.2	178	1.02	42	0.055	7.56	0.347	2.37	0.1	12.2	35	1.5	7.7	0.5	<0.1	1	14
125212	Drill Core	0.65	0.071	13.2	142	0.64	54	0.080	8.26	0.393	2.61	0.2	17.1	30	1.3	7.1	0.8	<0.1	2	15
125213	Rock	37.34	0.004	0.8	<1	1.88	6	0.001	0.02	0.002	<0.01	<0.1	0.3	<1	<0.1	0.5	<0.1	<0.1	<1	<1
125214	Drill Core	0.67	0.050	12.3	129	0.67	82	0.084	8.94	0.357	2.61	0.3	13.5	29	1.5	5.4	0.9	<0.1	2	15
125215	Drill Core	0.88	0.112	13.1	81	0.86	44	0.070	8.15	0.347	2.52	0.2	22.1	30	2.0	11.4	0.8	<0.1	2	15
125216	Drill Core	0.63	0.053	12.2	83	0.68	35	0.073	7.73	0.371	2.57	0.2	15.4	31	2.0	6.0	0.9	<0.1	1	12
125217	Drill Core	0.39	0.033	12.3	119	0.71	142	0.114	8.99	0.884	2.25	0.2	15.0	28	1.3	4.9	1.2	<0.1	2	16
125218	Drill Core	0.46	0.037	16.9	119	0.82	34	0.211	10.32	0.784	2.31	0.4	21.7	39	2.1	7.7	2.7	0.2	1	19
125219	Drill Core	0.39	0.029	17.7	147	0.92	16	0.288	9.48	0.537	2.11	0.4	17.3	40	2.3	8.9	3.1	0.2	2	19



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Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
125190	Drill Core	1.9	119.1	0.8	
125191	Drill Core	1.3	62.6	0.5	
125192	Drill Core	1.5	78.7	0.5	
125193	Rock	<0.1	<0.1	<0.1	
125194	Drill Core	1.6	76.6	0.6	
125195	Drill Core	1.6	68.0	0.6	
125196	Drill Core	1.5	68.0	0.6	
125197	Drill Core	1.4	67.9	0.6	
125198	Drill Core	1.3	70.3	0.6	
125199	Drill Core	1.7	64.2	0.5	
125200	Drill Core	1.1	68.7	0.6	
125201	Drill Core	<0.1	21.2	2.6	
125202	Drill Core	0.1	24.8	2.6	
125203	Drill Core	<0.1	59.8	2.5	
125204	Drill Core	<0.1	78.3	2.6	
125205	Drill Core	<0.1	56.9	3.0	
125206	Rock Pulp	2.5	147.5	0.8	
125207	Drill Core	3.3	57.6	0.9	
125208	Drill Core	2.3	60.8	0.3	
125209	Drill Core	2.4	50.7	1.0	
125210	Drill Core	1.7	58.6	0.5	
125211	Drill Core	3.6	60.7	0.3	
125212	Drill Core	3.0	67.8	0.4	
125213	Rock	<0.1	0.3	<0.1	
125214	Drill Core	3.3	59.2	0.4	
125215	Drill Core	5.1	64.8	0.5	
125216	Drill Core	5.5	69.3	0.4	
125217	Drill Core	2.0	57.5	0.5	
125218	Drill Core	2.6	71.6	0.6	
125219	Drill Core	3.8	64.8	0.5	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125220	Drill Core	7.54	0.010	2.3	169.1	3.6	25	<0.1	122.4	24.9	223	5.09	6	1.3	<0.1	3.2	88	<0.1	0.2	0.2
125221	Drill Core	6.76	0.010	3.5	186.4	3.0	27	<0.1	129.9	21.5	265	5.48	4	1.6	<0.1	3.2	86	<0.1	0.2	0.2
125222	Drill Core	5.47	0.017	9.2	346.5	7.6	40	0.2	104.5	20.0	196	4.12	4	0.6	<0.1	2.5	187	0.1	0.3	0.2
125223	Drill Core	7.43	0.031	6.5	452.2	11.7	69	0.3	135.3	34.4	273	7.00	4	0.6	<0.1	1.9	93	0.1	0.5	0.4
125224	Drill Core	7.14	0.021	4.7	344.1	5.7	39	0.2	110.2	31.2	208	5.31	2	0.5	<0.1	1.9	73	0.1	0.2	0.4
125225	Rock Pulp	0.11	0.943	21.4	5006	6376	>10000	71.1	46.8	19.2	532	9.11	465	2.3	0.8	2.3	164	240.9	114.4	27.6
125226	Drill Core	6.61	0.017	6.3	234.7	9.3	49	0.2	126.1	45.1	177	5.49	4	0.6	<0.1	2.2	83	0.2	0.3	0.5
125227	Drill Core	7.03	0.020	7.6	412.9	36.5	113	0.3	128.0	36.1	204	5.40	2	0.5	<0.1	1.7	89	0.6	0.3	0.3
125228	Drill Core	4.13	0.020	4.8	552.8	54.1	197	0.7	93.4	38.8	385	5.64	9	0.6	<0.1	2.2	107	1.2	0.9	0.4
125229	Rock	0.53	<0.005	0.1	2.2	0.2	<1	<0.1	0.2	<0.2	34	0.11	20	1.4	<0.1	<0.1	4968	<0.1	<0.1	<0.1
125230	Drill Core	7.01	0.021	9.0	611.0	6.3	23	0.2	100.3	31.2	190	5.95	3	0.8	0.3	3.2	26	<0.1	0.3	0.6
125231	Drill Core	7.98	0.010	4.1	293.3	4.3	16	0.2	118.4	24.8	101	4.21	1	0.9	<0.1	3.0	128	<0.1	0.2	0.4
125232	Drill Core	2.25	0.007	8.0	124.9	5.6	19	0.1	129.3	12.1	130	2.91	3	0.9	<0.1	3.6	162	<0.1	0.2	0.4
125233	Drill Core	7.25	0.015	6.8	378.3	52.0	69	0.3	23.1	22.0	239	6.01	3	0.8	<0.1	2.6	397	0.2	0.3	0.6
125234	Drill Core	7.51	0.017	3.0	311.0	8.3	34	0.1	11.6	15.6	218	4.84	2	0.9	<0.1	2.6	562	0.2	0.2	0.3
125235	Drill Core	7.03	0.017	2.9	324.5	8.8	36	0.2	12.1	17.2	226	4.98	4	0.9	<0.1	2.8	447	0.1	0.2	0.3
125236	Drill Core	5.04	0.018	3.8	357.3	6.8	33	0.2	25.1	21.9	210	5.98	<1	0.7	<0.1	2.8	344	<0.1	0.2	0.4
125237	Drill Core	7.76	0.009	9.6	141.7	13.3	28	0.4	150.4	27.7	114	5.44	2	0.8	<0.1	2.9	157	0.1	0.3	0.4
125238	Drill Core	6.73	0.009	3.9	148.8	25.6	41	0.1	97.4	14.8	160	3.50	1	0.7	<0.1	2.7	210	0.2	0.2	0.1
125239	Drill Core	4.71	0.007	3.6	173.6	9.1	24	0.1	99.8	14.5	145	3.39	1	0.7	<0.1	2.5	190	<0.1	0.2	0.1
125240	Drill Core	7.12	0.009	5.0	241.4	6.7	22	0.2	88.9	14.5	120	4.41	<1	0.6	<0.1	2.3	244	<0.1	0.3	0.2
125241	Drill Core	6.83	0.013	10.0	227.3	9.4	30	0.3	100.8	18.6	217	4.99	2	0.6	<0.1	1.7	124	0.1	0.4	0.2
125242	Drill Core	2.11	0.009	7.5	132.5	3.1	16	<0.1	83.1	15.1	110	3.93	1	0.9	<0.1	3.0	127	<0.1	0.1	0.2
125243	Drill Core	7.70	0.029	7.7	548.4	7.6	33	0.2	31.0	33.1	235	6.43	1	0.8	<0.1	2.7	345	<0.1	0.3	0.3
125244	Drill Core	6.95	0.023	12.7	587.6	11.5	47	0.3	22.9	27.2	405	7.50	2	0.7	<0.1	2.1	424	0.1	0.4	0.3
125245	Drill Core	3.10	0.013	3.8	369.3	135.4	456	1.9	15.4	24.4	1460	5.61	20	10.0	<0.1	2.9	245	2.7	15.1	0.4
125246	Drill Core	6.71	<0.005	0.7	25.3	58.0	222	0.5	10.0	6.2	1160	2.24	9	3.0	<0.1	7.9	442	0.5	8.5	0.2
125247	Rock Pulp	0.11	0.892	22.9	5220	6113	>10000	73.2	46.1	19.4	534	9.00	470	2.3	1.0	2.3	159	226.3	112.2	27.8
125248	Drill Core	6.62	<0.005	0.5	5.7	28.9	292	0.1	10.2	7.1	1150	2.28	6	2.3	<0.1	7.6	302	0.4	5.8	<0.1
125249	Drill Core	5.83	<0.005	0.3	3.4	24.4	292	<0.1	10.2	7.9	991	2.43	10	2.4	<0.1	7.5	375	0.5	7.2	<0.1



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125220	Drill Core	0.37	0.072	15.3	180	1.01	56	0.329	8.59	0.556	2.39	0.3	17.6	36	2.0	8.2	3.4	0.2	1	18
125221	Drill Core	0.86	0.296	16.7	150	1.21	54	0.250	9.04	0.626	2.84	0.3	24.8	39	1.8	19.4	3.1	0.2	2	18
125222	Drill Core	1.07	0.046	11.2	251	0.89	121	0.060	8.09	0.168	2.46	0.2	9.5	25	0.9	5.1	0.5	<0.1	2	13
125223	Drill Core	1.72	0.073	12.0	217	1.15	35	0.045	6.06	0.128	1.18	0.1	13.1	25	1.1	5.4	0.3	<0.1	<1	10
125224	Drill Core	1.68	0.086	15.7	194	1.08	48	0.041	5.42	0.183	1.44	<0.1	12.3	31	0.9	5.9	0.3	<0.1	1	8
125225	Rock Pulp	1.78	0.051	11.5	30	0.90	46	0.193	3.72	1.317	0.70	1.2	31.4	24	54.4	11.4	4.2	0.2	<1	8
125226	Drill Core	1.49	0.061	11.2	223	0.91	62	0.046	6.14	0.191	1.66	0.2	13.9	23	1.4	5.2	0.4	<0.1	<1	10
125227	Drill Core	0.81	0.054	9.7	250	0.91	38	0.046	6.37	0.176	1.80	0.1	13.3	21	1.4	4.3	0.3	<0.1	1	11
125228	Drill Core	1.66	0.059	15.4	141	0.84	88	0.047	5.25	0.125	1.84	0.2	25.6	32	1.3	5.9	0.4	<0.1	<1	9
125229	Rock	38.50	0.004	0.5	<1	1.74	7	0.001	0.04	0.002	<0.01	<0.1	0.7	<1	<0.1	0.4	<0.1	<0.1	<1	<1
125230	Drill Core	1.39	0.100	17.7	87	1.14	48	0.071	8.20	0.187	3.30	0.2	9.5	41	2.0	9.2	0.6	<0.1	2	14
125231	Drill Core	0.48	0.070	12.3	101	0.89	52	0.086	8.35	0.405	3.86	0.1	18.7	32	1.0	6.6	0.9	<0.1	1	16
125232	Drill Core	0.61	0.056	14.1	101	0.86	456	0.098	9.52	0.422	3.49	0.2	18.4	36	0.8	5.9	1.1	<0.1	2	16
125233	Drill Core	2.46	0.187	12.9	12	1.34	74	0.100	7.26	2.104	1.16	0.1	14.6	27	1.2	9.5	1.2	<0.1	2	7
125234	Drill Core	2.86	0.147	12.0	14	1.27	89	0.127	7.21	2.517	0.85	<0.1	25.3	27	0.8	9.6	1.7	<0.1	<1	7
125235	Drill Core	2.81	0.151	11.4	11	1.29	104	0.111	7.53	2.318	0.83	<0.1	26.7	26	0.8	9.4	1.5	<0.1	1	7
125236	Drill Core	2.35	0.153	13.0	13	1.40	87	0.080	7.56	1.850	1.02	0.2	16.2	30	0.8	8.8	1.1	<0.1	2	7
125237	Drill Core	0.75	0.041	13.1	128	0.42	27	0.083	7.88	0.418	3.03	0.2	20.0	34	1.6	7.7	0.9	<0.1	1	12
125238	Drill Core	0.71	0.047	8.6	172	0.62	54	0.067	7.27	0.349	2.60	0.2	13.5	20	1.2	4.3	0.6	<0.1	1	11
125239	Drill Core	0.66	0.047	7.9	183	0.62	68	0.067	7.01	0.351	2.70	0.1	14.2	19	1.4	4.0	0.7	<0.1	2	11
125240	Drill Core	0.91	0.040	9.2	157	0.73	34	0.052	6.24	0.341	2.49	0.1	11.3	22	1.3	4.4	0.4	<0.1	1	10
125241	Drill Core	0.88	0.042	10.0	145	0.85	32	0.052	6.19	0.286	2.45	0.2	10.2	23	1.4	4.1	0.4	<0.1	<1	12
125242	Drill Core	0.53	0.031	14.5	109	0.68	72	0.084	7.57	0.395	3.28	0.2	18.0	37	1.3	5.1	0.9	<0.1	1	12
125243	Drill Core	1.91	0.137	12.3	13	1.14	48	0.052	7.09	1.980	1.08	0.1	15.5	27	0.7	7.7	0.7	<0.1	1	7
125244	Drill Core	2.11	0.157	10.2	10	1.22	51	0.059	6.70	1.501	1.11	0.1	13.5	25	0.8	7.0	0.8	<0.1	1	6
125245	Drill Core	1.83	0.167	14.0	10	0.84	87	0.089	7.65	0.236	2.63	0.2	22.6	31	1.1	9.9	1.2	<0.1	1	8
125246	Drill Core	2.19	0.085	15.9	11	0.84	861	0.247	6.99	0.072	2.59	0.9	88.9	32	0.6	8.5	10.1	0.8	1	4
125247	Rock Pulp	1.79	0.053	10.5	33	0.89	31	0.200	4.00	1.331	0.70	1.2	30.8	23	51.0	12.0	4.5	0.2	<1	7
125248	Drill Core	2.55	0.099	16.5	14	0.92	1126	0.276	6.91	0.088	4.03	0.7	87.1	35	0.6	8.2	9.6	0.7	1	4
125249	Drill Core	2.52	0.101	16.4	16	0.89	1549	0.281	7.12	0.121	4.08	0.6	86.0	34	0.5	8.7	9.8	0.7	1	4



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Project: Poplar Drilling
Report Date: January 10, 2012

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CERTIFICATE OF ANALYSIS

SMI11000698.2

Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
125220	Drill Core	2.0	70.5	0.5
125221	Drill Core	2.3	86.3	0.5
125222	Drill Core	2.2	68.0	0.3
125223	Drill Core	5.5	39.8	0.3
125224	Drill Core	3.9	46.1	0.4
125225	Rock Pulp	9.4	21.9	0.9
125226	Drill Core	4.7	50.0	0.4
125227	Drill Core	4.1	53.5	0.4
125228	Drill Core	4.8	59.5	0.4
125229	Rock	<0.1	0.3	<0.1
125230	Drill Core	4.4	83.0	0.2
125231	Drill Core	3.0	90.8	0.5
125232	Drill Core	1.5	82.7	0.5
125233	Drill Core	5.4	28.1	0.3
125234	Drill Core	4.3	24.2	0.7
125235	Drill Core	4.2	21.9	0.8
125236	Drill Core	4.8	26.5	0.4
125237	Drill Core	5.7	77.6	0.5
125238	Drill Core	2.8	64.1	0.4
125239	Drill Core	2.7	65.6	0.3
125240	Drill Core	4.2	57.8	0.3
125241	Drill Core	4.7	59.0	0.3
125242	Drill Core	3.2	75.5	0.4
125243	Drill Core	5.7	34.0	0.4
125244	Drill Core	5.9	31.8	0.3
125245	Drill Core	4.6	98.2	0.9
125246	Drill Core	0.2	88.2	3.0
125247	Rock Pulp	9.6	22.4	0.9
125248	Drill Core	<0.1	136.9	2.7
125249	Drill Core	<0.1	147.9	2.7

QUALITY CONTROL REPORT

SMI11000698.2

Method		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	
Pulp Duplicates																						
125136	Drill Core	7.38	0.008	4.2	254.6	12.6	44	0.1	6.7	12.0	206	3.51	13	2.1	<0.1	4.7	613	0.2	0.3	<0.1	72	
REP 125136	QC	0.010																				
125152	Drill Core	7.14	0.116	160.2	3389	58.6	172	1.9	7.8	13.4	548	4.98	7	0.8	0.1	4.4	555	0.9	0.8	0.3	77	
REP 125152	QC			132.9	3497	56.3	181	2.0	7.9	12.5	540	5.15	9	0.7	0.2	4.3	572	0.9	0.8	0.3	78	
125172	Drill Core	7.55	0.179	9.1	8038	12.9	39	2.4	6.8	14.2	181	3.31	7	0.5	0.3	4.6	414	0.3	0.3	<0.1	44	
REP 125172	QC			8.6	8144	12.7	39	2.4	7.0	13.3	176	3.27	7	0.5	0.3	4.6	455	0.2	0.3	0.1	43	
125176	Drill Core	7.49	0.624	11.6	>10000	46.8	214	9.9	14.0	32.4	834	6.62	126	0.7	1.4	4.9	528	0.8	7.4	0.2	53	
REP 125176	QC	0.598																				
125183	Drill Core	7.34	0.123	77.2	3861	49.3	691	2.6	7.9	57.5	1367	5.43	611	1.1	0.1	3.1	487	3.6	64.3	0.2	55	
REP 125183	QC	0.118																				
125216	Drill Core	7.31	0.023	5.3	370.9	466.0	263	26.3	135.3	52.6	325	6.27	4	0.9	<0.1	3.2	140	1.6	3.2	0.3	140	
REP 125216	QC	0.022																				
125232	Drill Core	2.25	0.007	8.0	124.9	5.6	19	0.1	129.3	12.1	130	2.91	3	0.9	<0.1	3.6	162	<0.1	0.2	0.4	210	
REP 125232	QC			7.3	122.9	6.0	18	0.1	130.1	12.7	123	2.89	2	0.9	<0.1	3.5	159	<0.1	0.2	0.3	210	
Core Reject Duplicates																						
125144	Drill Core	6.74	0.031	51.5	1018	6.8	65	0.4	6.3	24.1	404	3.34	166	1.7	<0.1	5.1	553	0.3	5.5	<0.1	66	
DUP 125144	QC			0.025	49.4	1057	7.7	69	0.4	6.8	25.3	404	3.47	180	1.9	<0.1	5.2	583	0.4	5.9	<0.1	68
125179	Drill Core	7.91	0.193	17.6	5604	51.3	236	2.4	7.2	34.2	756	4.32	286	1.0	0.2	4.5	513	0.9	16.6	0.2	53	
DUP 125179	QC			0.184	18.5	5755	53.6	251	2.5	7.4	33.1	802	4.30	411	0.9	0.1	4.3	507	1.1	19.6	0.2	54
125214	Drill Core	6.38	0.017	7.9	309.6	4.6	21	0.1	154.7	37.5	188	5.00	1	0.8	<0.1	3.6	98	<0.1	0.4	0.2	175	
DUP 125214	QC			0.016	6.8	300.4	4.4	20	0.1	150.3	35.7	169	4.73	1	0.8	<0.1	3.4	96	<0.1	0.4	0.3	174
125249	Drill Core	5.83	<0.005	0.3	3.4	24.4	292	<0.1	10.2	7.9	991	2.43	10	2.4	<0.1	7.5	375	0.5	7.2	<0.1	56	
DUP 125249	QC			<0.005	0.3	3.4	24.6	285	<0.1	10.3	7.4	997	2.22	10	2.2	<0.1	7.2	363	0.5	7.0	<0.1	53
Reference Materials																						
STD OREAS131B	Standard																					
STD OREAS131B	Standard																					
STD OREAS153A	Standard																					
STD OREAS24P	Standard			1.4	49.3	2.8	112	<0.1	138.4	43.4	1074	7.25	4	0.7	<0.1	2.8	377	<0.1	<0.1	<0.1	152	



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Report Date: January 10, 2012

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QUALITY CONTROL REPORT

SMI11000698.2

Method Analyte Unit MDL		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
Pulp Duplicates																					
125136	Drill Core	2.49	0.113	15.9	10	0.80	58	0.116	7.06	2.152	2.44	0.4	39.6	33	0.8	9.7	1.5	0.1	1	7	22.8
REP 125136	QC																				
125152	Drill Core	2.61	0.111	14.5	9	0.89	109	0.195	6.80	1.858	1.95	0.3	10.7	32	1.2	9.9	4.7	0.3	<1	7	13.3
REP 125152	QC	2.67	0.126	15.6	9	0.91	96	0.202	7.00	1.934	2.20	0.3	10.9	34	1.4	10.3	4.9	0.3	<1	7	13.2
125172	Drill Core	1.62	0.078	6.3	16	0.62	65	0.116	6.46	2.127	2.96	0.3	5.4	14	1.7	5.7	2.2	0.2	<1	5	27.0
REP 125172	QC	1.45	0.075	6.0	16	0.62	75	0.112	6.44	2.165	2.87	0.2	5.5	13	1.7	5.7	2.2	0.2	<1	5	27.3
125176	Drill Core	1.64	0.114	10.2	8	0.76	62	0.156	6.52	1.778	2.35	0.5	5.2	21	2.8	8.8	3.3	0.2	<1	7	49.6
REP 125176	QC																				
125183	Drill Core	1.92	0.094	10.7	11	0.80	56	0.152	6.65	0.759	2.44	1.9	9.3	21	1.1	7.5	2.6	0.2	<1	7	102.6
REP 125183	QC																				
125216	Drill Core	0.63	0.053	12.2	83	0.68	35	0.073	7.73	0.371	2.57	0.2	15.4	31	2.0	6.0	0.9	<0.1	1	12	19.7
REP 125216	QC																				
125232	Drill Core	0.61	0.056	14.1	101	0.86	456	0.098	9.52	0.422	3.49	0.2	18.4	36	0.8	5.9	1.1	<0.1	2	16	15.7
REP 125232	QC	0.58	0.054	14.2	99	0.87	316	0.100	9.02	0.415	3.47	0.2	18.7	36	0.9	5.8	1.2	<0.1	2	16	16.8
Core Reject Duplicates																					
125144	Drill Core	2.26	0.114	19.7	10	0.88	127	0.080	7.15	0.064	2.40	1.5	20.3	39	0.8	8.8	1.3	<0.1	1	7	112.5
DUP 125144	QC	2.30	0.121	20.1	9	0.90	112	0.076	7.48	0.066	2.51	1.4	21.1	42	0.8	8.8	1.3	0.1	<1	7	119.5
125179	Drill Core	1.71	0.097	10.7	16	0.77	74	0.143	6.47	1.442	2.60	1.2	6.4	21	1.2	7.2	2.8	0.2	1	6	56.0
DUP 125179	QC	1.69	0.097	10.3	17	0.79	62	0.148	6.34	1.381	2.62	1.1	6.6	20	1.5	7.5	2.9	0.2	<1	6	57.6
125214	Drill Core	0.67	0.050	12.3	129	0.67	82	0.084	8.94	0.357	2.61	0.3	13.5	29	1.5	5.4	0.9	<0.1	2	15	29.4
DUP 125214	QC	0.62	0.049	11.7	127	0.64	64	0.083	8.57	0.353	2.52	0.2	13.4	28	1.7	5.1	1.0	<0.1	1	13	28.3
125249	Drill Core	2.52	0.101	16.4	16	0.89	1549	0.281	7.12	0.121	4.08	0.6	86.0	34	0.5	8.7	9.8	0.7	1	4	18.6
DUP 125249	QC	2.43	0.100	15.1	14	0.86	1466	0.284	6.83	0.118	4.03	0.7	85.3	32	0.6	8.4	9.7	0.7	1	4	17.6
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	5.44	0.135	18.6	186	4.09	280	1.066	7.66	2.378	0.62	0.5	132.1	37	1.5	23.9	18.6	1.1	<1	17	8.0



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Project: Poplar Drilling

Report Date: January 10, 2012

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QUALITY CONTROL REPORT

SMI11000698.2

Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
125136	Drill Core	3.4	65.4	1.4	
REP 125136	QC				
125152	Drill Core	2.5	60.7	0.3	
REP 125152	QC	2.6	59.4	0.3	
125172	Drill Core	2.7	71.0	0.2	
REP 125172	QC	2.7	69.3	0.2	
125176	Drill Core	4.8	80.6	0.2	2.003
REP 125176	QC				2.071
125183	Drill Core	4.4	85.4	0.3	
REP 125183	QC				
125216	Drill Core	5.5	69.3	0.4	
REP 125216	QC				
125232	Drill Core	1.5	82.7	0.5	
REP 125232	QC	1.5	85.7	0.5	
Core Reject Duplicates					
125144	Drill Core	3.2	65.8	0.8	
DUP 125144	QC	3.3	70.4	0.7	
125179	Drill Core	3.6	76.7	0.2	
DUP 125179	QC	3.4	76.5	0.3	
125214	Drill Core	3.3	59.2	0.4	
DUP 125214	QC	3.2	59.5	0.3	
125249	Drill Core	<0.1	147.9	2.7	
DUP 125249	QC	<0.1	131.9	2.7	
Reference Materials					
STD OREAS131B	Standard				0.022
STD OREAS131B	Standard				0.023
STD OREAS153A	Standard				0.729
STD OREAS24P	Standard	<0.1	21.0	3.4	



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QUALITY CONTROL REPORT

SMI11000698.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
STD OREAS24P	Standard			1.6	48.2	2.7	115	<0.1	143.5	44.1	1114	7.66	3	1.1	<0.1	2.8	391	0.1	<0.1	<0.1	167
STD OREAS24P	Standard			1.4	51.1	2.2	112	<0.1	144.2	46.4	1048	7.19	4	0.6	<0.1	2.5	360	0.1	<0.1	<0.1	165
STD OREAS24P	Standard			1.7	56.2	3.3	119	<0.1	145.1	48.1	1134	7.78	5	0.8	<0.1	3.2	392	0.1	<0.1	<0.1	175
STD OREAS24P	Standard			1.4	48.5	2.8	115	0.1	143.7	45.8	1128	7.58	3	0.8	<0.1	3.0	338	<0.1	<0.1	<0.1	154
STD OREAS45C	Standard			2.0	559.6	24.5	72	0.4	317.9	96.0	1073	16.55	11	2.3	<0.1	10.6	37	0.1	0.8	0.2	251
STD OREAS45C	Standard			2.3	645.3	25.6	87	0.2	353.9	105.5	1204	19.15	12	2.4	<0.1	11.3	40	0.2	0.7	0.2	284
STD OREAS45C	Standard			2.0	601.1	21.3	81	0.3	335.7	103.1	1107	18.30	12	2.0	<0.1	9.6	34	0.2	0.7	0.2	264
STD OREAS45C	Standard			2.1	613.8	25.2	80	0.4	344.8	106.1	1169	18.59	13	2.4	<0.1	11.4	37	0.1	1.0	0.2	272
STD OREAS45C	Standard			2.1	618.9	25.2	81	0.4	329.7	106.2	1176	17.72	12	2.4	<0.1	11.2	40	0.3	0.8	0.3	255
STD OXH82	Standard		1.335																		
STD OXH82	Standard		1.358																		
STD OXH82	Standard		1.326																		
STD OXH82	Standard		1.283																		
STD OXH82	Standard		1.295																		
STD OXK79	Standard		3.742																		
STD OXK79	Standard		3.649																		
STD OXK79	Standard		3.699																		
STD OXK79	Standard		3.740																		
STD OXK79	Standard		3.763																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
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QUALITY CONTROL REPORT

SMI11000698.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.92	0.140	19.1	184	4.10	284	1.065	7.65	2.336	0.69	0.5	139.1	38	1.6	24.7	20.2	1.1	1	20	7.5
STD OREAS24P	Standard	5.44	0.114	16.8	196	3.97	242	1.028	7.15	1.974	0.63	0.4	119.1	32	1.4	20.3	17.1	0.9	<1	20	7.0
STD OREAS24P	Standard	5.62	0.141	20.2	204	4.20	300	1.061	8.10	2.622	0.70	0.5	135.4	38	1.7	22.9	19.0	1.2	<1	21	8.2
STD OREAS24P	Standard	6.00	0.132	19.3	199	4.04	277	1.055	7.46	2.450	0.68	0.4	136.0	38	1.7	24.2	19.1	1.1	1	21	7.5
STD OREAS45C	Standard	0.43	0.049	25.4	834	0.26	265	1.127	6.98	0.099	0.32	0.9	157.9	50	2.6	13.4	21.5	1.3	1	51	14.4
STD OREAS45C	Standard	0.51	0.054	27.5	906	0.29	295	1.215	7.26	0.107	0.37	1.1	181.2	55	3.5	15.0	26.5	1.5	<1	61	17.6
STD OREAS45C	Standard	0.45	0.042	23.9	954	0.21	244	1.153	6.70	0.084	0.32	1.0	143.4	45	2.4	11.3	20.4	1.3	<1	59	14.0
STD OREAS45C	Standard	0.52	0.053	28.3	902	0.29	288	1.089	7.49	0.114	0.36	1.2	161.7	51	3.1	13.2	21.4	1.4	<1	60	16.6
STD OREAS45C	Standard	0.50	0.051	27.8	905	0.28	284	1.201	7.25	0.100	0.36	1.1	165.9	53	3.1	13.9	22.1	1.4	<1	61	15.8
STD OXH82	Standard																				
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STD OXH82	Standard																				
STD OXK79	Standard																				
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STD OXK79	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				



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QUALITY CONTROL REPORT

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		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD OREAS24P	Standard	<0.1	21.5	3.5	
STD OREAS24P	Standard	<0.1	19.8	3.4	
STD OREAS24P	Standard	<0.1	22.3	3.4	
STD OREAS24P	Standard	<0.1	22.3	3.5	
STD OREAS45C	Standard	<0.1	22.9	4.0	
STD OREAS45C	Standard	<0.1	25.3	4.5	
STD OREAS45C	Standard	<0.1	20.8	3.6	
STD OREAS45C	Standard	<0.1	24.9	4.6	
STD OREAS45C	Standard	<0.1	24.6	4.1	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SU-1B	Standard				1.140
STD SU-1B	Standard				1.235
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
STD OREAS153A Expected					0.712
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
BLK	Blank				



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QUALITY CONTROL REPORT

SMI11000698.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
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QUALITY CONTROL REPORT

SMI11000698.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
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BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	1.0	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.26	0.061	23.3	4	0.51	1032	0.220	6.97	2.478	3.09	0.1	10.9	48	1.3	13.5	22.7	1.3	3	5	28.5
G1	Prep Blank	2.31	0.063	23.8	10	0.55	918	0.246	6.96	2.476	2.98	0.1	9.8	49	1.3	12.6	21.6	1.2	3	5	30.1



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 10, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000698.2

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
BLK	Blank				<0.001
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
Prep Wash					
G1	Prep Blank	<0.1	106.5	0.6	
G1	Prep Blank	<0.1	103.8	0.5	



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 10, 2011
Report Date: January 17, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000710.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_20
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	115	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047036	Drill Core	5.72	0.087	2.6	2771	12.5	60	1.3	9.0	12.3	303	4.68	3	0.6	0.1	4.3	441	0.4	0.4	0.4
1047037	Drill Core	3.09	0.088	2.1	2452	11.8	56	1.3	9.5	11.5	289	4.68	3	0.5	<0.1	3.8	441	0.4	0.4	0.4
1047038	Drill Core	6.74	0.130	3.3	2959	59.5	124	1.2	12.0	13.6	717	3.98	4	0.6	0.2	3.8	177	0.8	0.7	0.2
1047039	Drill Core	3.85	0.118	1.7	2843	69.0	162	2.1	9.1	11.4	1638	3.93	6	0.8	0.1	4.4	292	0.7	1.9	0.4
1047040	Drill Core	5.42	0.132	2.3	2971	221.1	671	1.2	10.2	10.4	895	3.78	4	0.5	<0.1	3.5	498	4.0	2.2	0.2
1047041	Drill Core	6.91	0.026	2.3	823.6	14.3	54	0.3	6.0	8.9	772	4.27	14	0.9	<0.1	5.7	507	0.3	1.0	0.2
1047042	Drill Core	4.20	0.030	5.0	650.4	166.3	448	1.4	6.0	8.3	2926	3.66	15	1.8	<0.1	6.1	492	2.7	4.2	0.5
1047043	Rock Pulp	0.11	0.938	23.3	5244	6011	>10000	75.7	46.5	19.5	531	9.03	262	2.5	1.1	2.4	147	239.7	102.8	23.2
1047044	Drill Core	9.86	0.025	2.6	1023	31.7	104	0.6	5.1	10.8	584	3.69	7	1.1	<0.1	4.4	762	0.4	1.2	0.2
1047045	Drill Core	6.87	0.042	5.3	918.7	62.2	218	1.3	6.8	9.8	1668	4.30	10	1.0	<0.1	5.2	345	1.1	1.6	0.4
1047046	Drill Core	3.14	0.099	5.9	1001	98.2	273	1.7	5.3	9.4	1094	3.93	6	0.9	<0.1	5.5	237	1.5	2.7	0.3
1047047	Drill Core	1.96	0.015	3.1	637.0	58.2	337	1.0	5.5	8.0	1132	3.82	6	0.8	<0.1	4.6	240	1.5	1.9	0.3
1047048	Drill Core	3.18	0.026	10.3	878.9	30.7	121	0.8	6.0	13.6	331	4.78	19	0.7	<0.1	5.4	1274	0.5	1.1	0.3
1047049	Drill Core	3.95	0.048	9.4	1224	16.6	106	0.7	7.3	16.1	335	4.30	92	0.9	<0.1	4.8	541	0.4	1.8	0.3
1047050	Drill Core	5.04	0.039	16.1	1373	11.6	54	0.6	7.2	12.1	271	3.91	22	0.7	<0.1	4.4	332	0.1	1.8	0.3
1047051	Drill Core	3.70	0.030	8.9	871.0	9.1	57	0.4	5.8	10.0	259	3.75	43	0.6	<0.1	4.9	281	0.2	2.7	0.3
1047052	Drill Core	3.67	0.026	2.9	973.4	14.8	70	0.4	5.5	11.3	303	3.61	6	0.7	<0.1	4.7	538	0.4	0.6	0.5
1047053	Drill Core	2.46	0.023	5.9	1045	10.4	40	0.3	5.9	9.9	182	3.43	6	0.7	<0.1	4.9	1474	0.1	0.6	0.2
1047054	Drill Core	2.96	0.032	2.5	925.0	25.9	92	0.4	5.8	10.2	426	3.76	3	0.7	<0.1	4.8	379	0.4	0.5	0.2
1047055	Drill Core	7.14	0.121	10.4	3293	17.1	76	1.4	10.7	11.6	398	3.66	4	0.4	0.2	3.4	464	0.4	0.6	0.2
1047056	Rock	0.81	<0.005	0.1	7.9	<0.1	<1	<0.1	<0.1	0.5	23	0.05	25	1.5	<0.1	<0.1	4274	<0.1	<0.1	<0.1
1047057	Drill Core	5.16	0.166	10.6	4202	13.0	46	1.3	12.7	11.6	479	4.01	4	0.4	0.2	4.5	161	<0.1	0.5	0.2
1047058	Drill Core	6.73	0.154	2.2	3770	6.8	46	1.3	15.7	11.8	302	4.21	4	0.5	0.1	3.3	107	0.1	0.4	0.2
1047059	Drill Core	7.39	0.146	4.6	4162	6.4	31	1.4	12.1	10.8	180	3.74	4	0.3	0.3	3.1	636	<0.1	0.4	0.3
1047060	Drill Core	7.07	0.177	2.0	4557	10.0	49	1.4	15.3	11.8	434	4.46	4	0.5	0.3	3.6	206	<0.1	0.7	0.1
1047061	Drill Core	5.56	0.203	2.9	5689	44.4	225	2.7	16.1	15.6	389	4.74	3	0.4	0.2	3.3	150	1.3	1.0	0.2
1047062	Drill Core	2.53	0.170	2.2	3451	9.9	39	1.1	12.9	6.5	218	4.04	4	0.5	0.2	3.5	817	<0.1	0.3	<0.1
1047063	Drill Core	7.17	0.173	3.3	5385	76.7	270	2.2	12.0	10.3	813	4.05	6	0.5	0.2	3.8	197	1.2	2.0	0.2
1047064	Drill Core	6.93	0.070	3.5	2221	25.4	174	1.4	7.6	10.9	541	3.72	21	0.8	0.2	6.3	327	0.8	1.6	0.2
1047065	Rock Pulp	0.15	0.920	164.6	3738	60.0	147	4.1	31.0	23.7	560	5.43	69	1.5	1.0	3.1	234	0.7	7.4	0.5



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880 - 609 Granville St.
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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047036	Drill Core	1.90	0.093	11.5	16	0.69	44	0.106	6.52	0.199	2.50	0.2	11.3	26	3.1	7.9	2.1	0.1	<1	7
1047037	Drill Core	2.03	0.101	11.5	15	0.69	38	0.117	7.01	0.230	2.57	0.2	11.4	26	2.8	8.6	2.2	0.1	1	7
1047038	Drill Core	2.75	0.109	11.2	26	1.15	70	0.231	6.80	0.325	1.93	0.2	12.9	24	1.7	8.0	4.8	0.3	1	8
1047039	Drill Core	2.55	0.118	12.7	16	1.10	69	0.198	7.20	0.085	2.68	0.8	15.3	28	1.7	7.6	4.3	0.3	<1	8
1047040	Drill Core	2.34	0.101	8.8	21	1.03	46	0.188	6.24	0.415	2.10	0.1	13.8	20	1.5	6.7	4.3	0.2	1	8
1047041	Drill Core	2.13	0.142	14.1	6	0.94	38	0.104	7.70	0.202	2.41	0.1	18.1	32	1.4	9.3	2.1	0.2	2	7
1047042	Drill Core	2.09	0.124	12.7	7	0.89	50	0.099	7.18	0.200	2.81	0.7	24.0	29	1.2	8.5	3.1	0.2	<1	6
1047043	Rock Pulp	1.76	0.049	11.5	28	0.87	225	0.187	3.82	1.253	0.72	1.2	36.4	24	56.1	11.3	4.5	0.2	<1	7
1047044	Drill Core	2.58	0.142	10.8	8	0.91	39	0.108	6.99	1.090	2.27	0.1	19.2	26	1.3	8.1	2.3	0.1	1	6
1047045	Drill Core	2.29	0.137	12.6	7	0.93	41	0.113	7.27	0.436	2.79	0.3	17.5	28	1.4	8.6	2.4	0.2	<1	6
1047046	Drill Core	2.31	0.129	12.4	6	0.88	43	0.119	7.15	0.091	2.50	0.3	16.3	28	1.4	8.2	2.6	0.2	<1	7
1047047	Drill Core	2.86	0.136	10.1	5	1.02	51	0.113	6.78	0.095	2.01	0.2	15.8	24	1.1	8.3	2.3	0.2	<1	5
1047048	Drill Core	2.05	0.132	11.4	5	0.96	37	0.117	7.62	0.206	2.32	0.2	14.2	28	1.8	9.2	2.2	0.1	<1	6
1047049	Drill Core	2.30	0.150	12.1	8	1.08	51	0.135	8.39	0.100	2.28	0.1	15.5	30	1.3	9.4	2.7	0.2	<1	7
1047050	Drill Core	2.38	0.136	10.1	10	1.01	44	0.151	7.54	0.691	2.27	0.1	13.4	25	1.3	8.4	3.1	0.2	1	7
1047051	Drill Core	2.51	0.140	11.5	8	0.98	82	0.142	7.64	0.368	1.93	0.2	14.8	29	1.0	8.4	3.1	0.2	<1	6
1047052	Drill Core	2.52	0.143	9.0	8	0.95	53	0.175	7.07	1.083	1.91	0.2	16.6	23	1.3	7.9	3.5	0.2	<1	6
1047053	Drill Core	2.29	0.125	10.6	9	0.90	51	0.153	6.83	1.819	1.86	0.1	17.2	24	1.1	7.7	3.0	0.2	1	6
1047054	Drill Core	2.63	0.138	11.3	8	1.04	51	0.154	6.86	0.481	2.12	0.1	15.4	26	1.1	8.0	3.0	0.2	1	6
1047055	Drill Core	2.12	0.097	7.2	13	0.90	57	0.164	6.30	0.501	2.34	0.2	7.4	17	1.5	6.1	3.4	0.2	<1	6
1047056	Rock	36.45	0.004	0.8	<1	2.03	11	0.001	0.07	<0.001	<0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
1047057	Drill Core	2.92	0.103	9.5	16	1.11	62	0.170	6.43	0.159	2.35	0.3	9.1	21	1.1	7.0	3.4	0.2	<1	6
1047058	Drill Core	2.66	0.104	10.0	33	1.31	57	0.234	6.78	0.078	1.76	0.3	11.3	21	1.5	7.1	4.5	0.2	<1	10
1047059	Drill Core	1.96	0.096	6.3	22	0.85	53	0.184	5.90	1.277	2.08	0.1	8.4	15	1.4	6.1	3.3	0.2	<1	7
1047060	Drill Core	2.29	0.106	8.3	29	1.18	64	0.266	6.36	0.883	2.01	0.2	13.0	18	1.2	7.2	4.4	0.2	1	9
1047061	Drill Core	2.19	0.076	8.1	23	1.10	54	0.201	5.88	0.243	1.87	0.4	10.8	17	1.6	6.1	3.8	0.2	1	8
1047062	Drill Core	2.43	0.110	9.4	33	1.29	84	0.325	6.73	2.220	1.97	<0.1	14.0	20	1.3	8.3	5.6	0.3	<1	9
1047063	Drill Core	2.19	0.073	8.5	21	1.00	43	0.157	6.10	0.541	1.74	0.4	12.0	18	2.1	5.4	2.8	0.1	1	8
1047064	Drill Core	1.99	0.095	8.4	7	0.82	33	0.140	6.79	1.274	2.10	0.2	19.6	19	1.4	6.5	2.9	0.2	<1	6
1047065	Rock Pulp	0.47	0.121	14.9	53	0.90	73	0.292	10.58	1.332	4.30	35.1	27.1	30	3.4	12.4	3.8	0.2	1	17



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000710.1

Method	1EX	1EX	1EX	7TD
Analyte	S	Rb	Hf	Cu
Unit	%	ppm	ppm	%
MDL	0.1	0.1	0.1	0.001
1047036	Drill Core	4.2	62.9	0.3
1047037	Drill Core	4.4	60.3	0.4
1047038	Drill Core	2.6	53.2	0.3
1047039	Drill Core	2.8	80.0	0.5
1047040	Drill Core	2.8	64.5	0.5
1047041	Drill Core	3.8	73.5	0.6
1047042	Drill Core	3.3	79.1	1.0
1047043	Rock Pulp	8.9	23.4	1.0
1047044	Drill Core	3.9	58.9	0.7
1047045	Drill Core	3.8	77.6	0.7
1047046	Drill Core	3.5	62.0	0.6
1047047	Drill Core	3.4	46.6	0.6
1047048	Drill Core	4.5	70.9	0.5
1047049	Drill Core	3.7	58.3	0.6
1047050	Drill Core	3.4	57.7	0.5
1047051	Drill Core	3.2	44.8	0.6
1047052	Drill Core	3.0	42.7	0.6
1047053	Drill Core	3.0	51.6	0.6
1047054	Drill Core	3.0	47.0	0.6
1047055	Drill Core	2.8	53.2	0.3
1047056	Rock	<0.1	<0.1	<0.1
1047057	Drill Core	2.5	45.2	0.3
1047058	Drill Core	2.8	52.5	0.3
1047059	Drill Core	3.0	52.5	0.2
1047060	Drill Core	2.5	60.0	0.4
1047061	Drill Core	3.5	69.4	0.3
1047062	Drill Core	1.9	64.0	0.4
1047063	Drill Core	3.2	59.3	0.3
1047064	Drill Core	2.7	62.0	0.5
1047065	Rock Pulp	2.5	146.3	0.7



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047066	Drill Core	6.69	0.057	3.5	1518	11.4	71	0.8	7.2	11.4	447	4.27	16	0.9	<0.1	5.9	364	0.2	0.9	0.3
1047067	Drill Core	2.50	0.212	3.3	5654	21.8	97	2.6	10.0	11.7	658	4.35	6	0.8	<0.1	5.9	705	0.5	0.7	0.2
1047068	Drill Core	5.05	0.102	2.2	3084	9.5	54	0.8	10.9	9.4	374	3.80	4	0.7	<0.1	5.2	791	0.2	0.5	0.2
1047069	Drill Core	6.84	0.190	4.4	5622	42.9	156	3.0	18.1	12.6	1442	4.05	14	0.7	0.2	3.5	325	0.8	3.5	0.7
1047070	Drill Core	6.36	0.133	1.5	3812	135.3	349	4.5	15.9	12.8	1666	3.89	22	0.8	0.1	3.4	254	2.4	8.3	0.4
1047071	Drill Core	2.18	0.117	1.6	2943	29.4	351	3.6	15.5	7.0	1364	4.03	4	0.6	<0.1	3.7	197	1.8	1.0	0.3
1047072	Drill Core	1.49	0.128	1.5	3586	32.6	409	3.8	16.4	7.8	1333	4.32	3	0.5	0.1	3.3	170	2.2	1.1	0.3
1047073	Drill Core	5.63	0.125	3.9	3742	27.8	154	2.0	17.1	11.1	1019	4.95	8	0.5	0.2	2.9	111	0.8	1.4	0.8
1047074	Drill Core	7.12	0.113	2.1	2723	571.7	2571	20.0	14.6	9.7	4365	5.15	127	0.8	0.1	3.7	325	16.4	153.0	0.9
1047075	Drill Core	3.55	0.223	1.7	5892	20.9	133	5.4	17.0	18.2	992	5.06	7	0.5	0.4	2.9	489	0.4	1.8	0.3
1047076	Drill Core	2.45	0.188	1.5	5365	23.4	160	5.5	15.6	15.2	768	4.83	3	0.4	0.1	3.4	503	0.6	1.0	0.2
1047077	Drill Core	4.66	0.217	1.5	5747	38.0	156	7.0	18.6	11.7	919	5.43	3	0.5	0.2	3.2	393	0.8	1.4	0.5
1047078	Drill Core	2.74	0.307	1.1	8340	363.2	841	10.4	19.4	14.6	1500	5.44	6	0.6	0.2	2.6	213	5.8	7.6	0.9
1047079	Drill Core	6.45	0.141	1.9	5004	70.6	152	6.5	11.6	13.7	685	4.50	3	0.3	0.1	2.8	148	1.2	1.3	0.9
1047080	Drill Core	7.23	0.202	4.3	5817	298.4	1206	11.1	13.3	13.5	2897	4.85	31	0.8	0.2	3.7	195	8.7	52.8	0.5
1047081	Rock	0.60	<0.005	<0.1	36.1	1.4	<1	<0.1	1.2	<0.2	30	<0.01	14	1.4	<0.1	<0.1	4358	<0.1	0.2	<0.1
1047082	Drill Core	5.75	0.130	1.4	4128	18.3	90	2.5	12.5	12.6	1164	5.72	4	0.5	0.1	3.5	324	0.3	1.1	0.4
1047083	Drill Core	6.45	0.094	2.0	2629	17.5	107	1.8	9.4	9.7	806	4.59	3	0.6	0.1	4.6	480	0.5	0.8	0.2
1047084	Drill Core	3.04	0.092	0.8	1994	15.1	84	1.2	7.6	7.9	499	4.24	2	0.5	<0.1	4.9	598	0.1	0.4	<0.1
1047085	Drill Core	2.61	0.114	1.9	3043	37.1	158	2.6	7.5	10.0	1036	4.19	4	0.5	<0.1	4.7	470	0.8	0.8	0.5
1047086	Drill Core	7.93	0.162	2.8	5203	66.1	203	4.9	8.9	15.0	1081	6.04	2	0.3	<0.1	3.0	364	1.3	1.0	0.3
1047087	Rock Pulp	0.11	0.883	22.6	5111	6144	>10000	70.5	49.1	19.3	531	9.06	388	2.1	0.9	2.2	154	246.7	111.7	25.8
1047088	Drill Core	7.00	0.214	1.9	4987	471.8	1358	9.2	9.2	14.7	3241	6.31	16	0.4	0.2	3.3	294	8.0	24.4	0.6
1047089	Drill Core	7.40	0.217	3.6	4802	248.9	793	6.1	7.5	13.8	2652	5.57	82	0.4	1.4	3.6	309	5.6	6.4	0.4
1047090	Drill Core	6.23	0.165	3.9	4072	156.0	765	6.7	8.8	15.4	2251	5.62	70	0.4	0.3	3.8	250	5.2	44.5	0.3
1047091	Drill Core	5.00	0.198	4.8	4747	323.8	522	9.0	11.0	13.6	3241	5.88	120	0.5	0.6	3.0	359	3.3	12.1	0.3
1047092	Drill Core	5.54	0.132	3.5	3904	67.5	202	4.5	12.8	12.8	1511	5.82	7	0.5	0.1	3.5	407	1.1	1.3	0.4
1047093	Drill Core	4.27	0.216	1.3	5413	18.8	58	2.2	7.5	13.1	417	6.13	3	0.6	0.3	3.4	541	0.2	0.4	0.3
1047094	Drill Core	7.38	0.121	3.8	3470	73.6	238	1.9	8.0	13.0	1062	5.77	97	0.8	0.1	4.3	452	1.4	4.3	0.3
1047095	Drill Core	7.46	0.189	1.3	5268	39.2	144	2.3	6.0	11.4	839	5.35	5	0.7	0.2	4.3	440	0.7	1.7	0.3



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047066	Drill Core	2.16	0.123	10.5	8	0.91	47	0.180	7.98	1.332	2.33	0.3	19.0	24	1.4	8.3	3.9	0.3	<1	7
1047067	Drill Core	2.09	0.095	8.1	8	0.82	53	0.137	6.85	1.347	1.93	0.2	19.4	19	1.7	6.4	2.9	0.2	<1	5
1047068	Drill Core	2.02	0.104	7.7	12	0.87	74	0.167	6.68	1.507	2.20	0.1	16.7	18	1.4	7.0	3.7	0.3	<1	6
1047069	Drill Core	2.17	0.076	7.1	30	1.04	306	0.233	6.92	0.152	1.82	0.2	13.3	15	2.0	5.7	4.2	0.3	1	9
1047070	Drill Core	2.57	0.101	8.1	24	1.21	353	0.258	6.70	0.060	2.13	0.9	15.1	17	1.6	7.2	4.6	0.3	<1	9
1047071	Drill Core	1.83	0.110	9.1	19	1.00	272	0.211	7.47	0.104	2.47	0.4	14.1	19	2.3	7.6	3.8	0.2	1	9
1047072	Drill Core	1.88	0.114	9.0	20	0.98	236	0.205	6.63	0.098	2.36	0.4	13.4	19	2.1	7.6	3.8	0.2	<1	8
1047073	Drill Core	2.08	0.090	7.4	25	1.08	101	0.210	6.17	0.216	1.95	0.7	12.3	16	1.8	7.0	3.8	0.2	<1	8
1047074	Drill Core	1.67	0.079	6.8	30	0.84	73	0.151	6.13	0.142	2.41	1.0	11.1	14	1.7	5.8	3.1	0.2	<1	6
1047075	Drill Core	1.80	0.077	6.5	29	1.02	79	0.191	5.64	0.247	2.12	0.8	11.3	14	1.6	6.3	3.7	0.2	<1	7
1047076	Drill Core	1.34	0.061	4.3	28	0.81	44	0.141	5.51	0.567	2.61	0.2	7.7	10	1.9	4.0	3.0	0.2	<1	6
1047077	Drill Core	1.62	0.083	6.0	26	1.04	77	0.210	6.20	0.801	2.37	0.6	13.1	13	2.0	6.2	4.1	0.2	<1	8
1047078	Drill Core	1.31	0.052	3.9	26	0.73	94	0.131	5.80	0.074	2.52	1.1	13.8	9	3.1	3.9	2.4	0.1	<1	8
1047079	Drill Core	0.83	0.036	2.8	13	0.36	28	0.053	4.73	0.073	2.25	1.1	8.3	6	3.3	2.6	1.1	<0.1	<1	3
1047080	Drill Core	1.94	0.056	5.1	25	0.85	98	0.157	6.25	0.055	2.64	0.9	11.9	10	1.9	4.9	3.4	0.2	<1	7
1047081	Rock	35.92	0.003	0.3	<1	1.83	5	<0.001	0.05	0.003	<0.01	<0.1	0.4	<1	<0.1	0.2	<0.1	<0.1	<1	<1
1047082	Drill Core	1.82	0.080	6.2	29	1.06	104	0.236	6.49	1.077	2.50	0.5	11.5	14	1.8	6.6	4.9	0.3	<1	8
1047083	Drill Core	2.11	0.110	8.4	15	0.86	170	0.176	6.89	1.452	2.23	0.2	10.3	18	1.3	8.3	3.9	0.3	<1	6
1047084	Drill Core	2.07	0.112	8.3	14	0.77	93	0.162	6.78	2.231	2.10	0.1	9.6	18	1.0	7.1	3.8	0.2	<1	5
1047085	Drill Core	2.22	0.102	8.4	11	0.81	70	0.136	6.50	1.120	2.70	0.7	10.3	18	2.0	6.6	3.1	0.2	<1	5
1047086	Drill Core	1.81	0.066	4.9	16	0.65	29	0.123	5.70	0.814	2.46	0.2	5.2	11	1.7	4.3	2.5	0.2	<1	4
1047087	Rock Pulp	1.80	0.048	11.6	34	0.91	195	0.188	4.00	1.149	0.67	1.1	33.1	23	52.3	11.5	4.7	0.2	<1	7
1047088	Drill Core	1.60	0.077	5.8	16	0.66	86	0.130	5.80	0.234	2.58	0.6	4.5	12	1.5	5.1	2.6	0.2	<1	4
1047089	Drill Core	1.61	0.087	6.4	10	0.72	53	0.123	6.22	0.251	2.74	0.5	5.7	14	2.0	5.3	2.6	0.2	<1	5
1047090	Drill Core	1.75	0.088	6.6	16	0.78	62	0.137	6.23	0.177	2.72	0.4	5.6	14	1.6	5.9	3.1	0.2	<1	5
1047091	Drill Core	1.44	0.066	5.6	23	0.81	37	0.143	5.74	0.065	2.65	1.1	8.0	12	1.7	5.1	3.2	0.2	1	6
1047092	Drill Core	1.75	0.078	6.6	36	0.81	67	0.149	6.10	0.599	2.67	0.5	9.6	14	2.1	5.9	3.2	0.2	1	7
1047093	Drill Core	1.65	0.088	7.6	13	0.74	67	0.156	6.33	1.517	2.34	<0.1	10.7	16	1.4	6.4	3.5	0.2	<1	5
1047094	Drill Core	1.73	0.095	9.1	10	0.85	54	0.149	6.59	0.339	2.72	0.4	11.2	19	1.5	7.3	3.5	0.2	<1	5
1047095	Drill Core	1.69	0.108	8.0	9	0.82	69	0.152	6.56	0.649	2.77	0.3	12.2	17	1.8	6.8	3.7	0.2	<1	5



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1047066	Drill Core	2.6	67.8	0.6	
1047067	Drill Core	3.1	61.4	0.6	
1047068	Drill Core	2.2	60.3	0.5	
1047069	Drill Core	2.8	70.9	0.4	
1047070	Drill Core	2.5	84.5	0.4	
1047071	Drill Core	2.5	85.2	0.4	
1047072	Drill Core	2.9	79.1	0.4	
1047073	Drill Core	2.9	72.3	0.3	
1047074	Drill Core	3.3	95.0	0.3	
1047075	Drill Core	3.3	84.9	0.3	
1047076	Drill Core	3.9	78.5	0.2	
1047077	Drill Core	2.9	90.9	0.3	
1047078	Drill Core	4.5	93.0	0.4	
1047079	Drill Core	4.6	70.2	0.3	
1047080	Drill Core	3.6	113.2	0.4	
1047081	Rock	<0.1	0.4	<0.1	
1047082	Drill Core	2.9	100.6	0.3	
1047083	Drill Core	2.9	78.7	0.3	
1047084	Drill Core	2.9	69.6	0.3	
1047085	Drill Core	4.0	96.1	0.4	
1047086	Drill Core	5.6	79.3	0.2	
1047087	Rock Pulp	9.7	22.0	1.1	
1047088	Drill Core	5.1	105.3	0.2	
1047089	Drill Core	4.6	97.3	0.2	
1047090	Drill Core	4.1	106.4	0.2	
1047091	Drill Core	4.1	114.1	0.2	
1047092	Drill Core	4.5	95.3	0.3	
1047093	Drill Core	3.5	73.2	0.3	
1047094	Drill Core	3.7	103.1	0.3	
1047095	Drill Core	3.6	91.6	0.4	



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047096	Drill Core	6.38	0.085	3.3	2988	53.0	360	3.0	8.7	13.5	1390	4.85	11	0.8	0.4	4.2	243	2.0	3.9	0.2
1047097	Drill Core	4.37	0.100	6.1	2953	54.1	362	3.2	9.1	16.2	1464	5.79	11	0.8	0.1	4.4	318	2.0	3.5	0.4
1047098	Drill Core	4.29	0.062	2.1	2378	26.0	173	2.1	5.9	16.4	1380	4.40	11	0.9	<0.1	5.0	216	0.9	3.2	0.3
1047099	Drill Core	4.06	0.085	2.2	2551	42.9	346	2.8	5.5	14.2	1370	4.87	10	0.9	0.1	4.3	193	1.6	2.5	0.3
1047100	Drill Core	2.31	0.106	5.7	2833	242.8	1195	4.4	6.1	12.1	1886	5.45	117	0.8	<0.1	3.9	231	7.0	9.6	0.4
1047101	Drill Core	4.49	0.085	5.5	1887	86.5	340	3.0	5.0	10.5	1846	4.54	48	0.9	0.1	4.1	356	1.9	3.8	1.9
1047102	Drill Core	6.99	0.070	3.3	1801	37.5	135	1.3	6.1	12.5	863	4.75	7	0.9	<0.1	4.7	670	0.4	0.6	0.5
1047103	Drill Core	7.22	0.056	3.9	1575	71.0	221	1.6	4.5	8.4	1038	4.06	4	0.9	<0.1	4.7	655	1.3	0.8	0.2
1047104	Drill Core	4.67	0.054	8.4	1700	50.6	250	2.4	7.5	10.6	1630	3.92	6	0.9	0.2	5.7	843	1.2	1.2	0.3
1047105	Drill Core	2.88	0.074	4.4	1986	178.4	885	4.9	6.3	12.2	2565	4.55	35	0.9	<0.1	5.8	418	5.5	12.7	0.7
1047106	Drill Core	4.25	0.113	14.4	3350	71.8	747	8.1	6.0	11.3	5783	5.43	278	1.8	0.1	5.6	237	3.0	39.6	1.6
1047107	Drill Core	6.89	<0.005	2.1	89.3	199.3	618	0.7	2.8	2.3	2076	1.32	27	6.8	<0.1	12.9	179	3.5	3.8	0.3
1047108	Rock	0.61	<0.005	<0.1	2.0	0.5	<1	<0.1	1.4	<0.2	38	0.05	17	1.4	<0.1	<0.1	3964	<0.1	<0.1	<0.1
1047109	Drill Core	3.12	<0.005	1.0	7.8	139.2	762	0.7	2.5	2.1	2278	1.29	3	8.9	<0.1	12.4	138	4.6	1.5	0.2
1047110	Drill Core	5.75	0.009	2.5	523.8	118.3	558	1.5	2.9	3.1	2229	1.66	112	7.1	<0.1	12.6	188	2.5	16.9	0.3
1047111	Drill Core	6.67	0.246	18.7	8357	74.8	309	6.0	8.4	16.0	1435	6.21	32	1.1	0.2	4.8	283	1.1	3.5	0.3
1047112	Drill Core	5.93	0.647	4.0	>10000	139.2	674	16.7	14.3	22.1	2055	7.20	245	1.2	0.8	5.1	304	4.0	16.7	0.6
1047113	Drill Core	4.53	<0.005	1.0	30.8	25.1	189	<0.1	2.7	1.9	2578	1.39	3	4.9	<0.1	11.2	234	0.5	1.6	<0.1
1047114	Drill Core	4.08	<0.005	1.4	90.6	61.7	220	0.6	3.3	2.3	4040	1.54	28	6.5	<0.1	12.4	226	0.5	4.0	<0.1
1047115	Drill Core	4.90	0.123	11.6	5619	116.6	619	8.5	8.8	13.5	5245	7.82	210	3.5	<0.1	4.8	368	1.6	29.1	0.9
1047116	Drill Core	2.97	0.033	3.4	1032	85.5	927	6.5	4.4	5.1	5775	2.17	65	24.2	<0.1	10.4	228	4.9	10.9	0.2
1047117	Rock Pulp	0.11	0.881	23.4	5248	6425	>10000	72.8	49.9	20.2	595	9.43	98	2.3	0.8	2.1	157	228.8	106.3	27.1
1047118	Drill Core	3.75	0.014	3.5	41.1	86.5	325	0.5	3.1	2.1	4688	1.49	10	21.3	<0.1	11.0	223	1.7	2.9	0.2
1047119	Drill Core	5.71	0.009	2.5	8.0	42.3	198	0.2	2.7	2.6	2837	1.41	4	8.0	<0.1	12.4	235	0.5	1.5	0.2
1047120	Drill Core	3.18	0.355	8.7	>10000	557.6	1503	22.9	10.2	15.9	2462	5.88	161	1.3	0.4	3.6	217	10.5	118.4	0.6
1047121	Drill Core	5.74	0.340	8.8	>10000	233.8	976	17.7	13.4	16.7	1370	7.13	64	1.0	0.3	3.3	314	5.7	38.0	0.6
1047122	Drill Core	6.63	0.008	2.7	21.2	55.2	219	0.2	2.2	2.7	2860	1.33	8	7.1	<0.1	12.2	268	0.8	1.3	0.1
1047123	Drill Core	6.87	<0.005	1.9	12.7	31.8	230	0.2	3.2	2.5	2940	1.28	3	4.6	<0.1	11.4	282	0.6	1.0	<0.1
1047124	Drill Core	6.40	0.011	2.2	3.8	62.5	278	0.8	2.2	2.5	4153	1.43	3	6.0	<0.1	13.5	278	0.9	1.1	<0.1
1047125	Drill Core	3.32	0.007	2.2	6.9	98.9	280	6.8	2.8	2.1	4134	1.40	4	6.0	<0.1	12.4	272	0.7	1.2	<0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047096	Drill Core	1.97	0.133	9.4	11	0.89	106	0.152	7.17	0.134	2.60	0.3	14.7	22	1.5	7.9	3.4	0.2	<1	5
1047097	Drill Core	2.02	0.143	10.7	9	0.93	65	0.163	6.97	0.118	2.74	0.4	16.4	24	1.8	8.9	3.8	0.2	<1	6
1047098	Drill Core	2.23	0.115	8.3	6	0.92	81	0.145	7.15	0.106	2.75	0.5	15.7	18	1.4	7.8	3.2	0.2	1	5
1047099	Drill Core	2.28	0.118	7.4	8	0.87	50	0.160	6.40	0.067	2.51	0.6	15.2	17	1.4	7.9	3.5	0.2	<1	5
1047100	Drill Core	2.37	0.085	7.2	8	1.01	60	0.137	5.77	0.058	2.58	0.4	14.4	15	1.5	5.9	2.8	0.2	<1	5
1047101	Drill Core	1.89	0.105	7.7	10	0.81	101	0.189	6.78	0.903	2.82	0.8	17.1	17	1.1	7.1	4.1	0.3	1	5
1047102	Drill Core	1.94	0.114	8.3	14	0.79	90	0.182	6.51	1.597	2.63	0.8	17.4	19	1.1	7.5	4.0	0.3	<1	5
1047103	Drill Core	2.19	0.124	9.3	16	0.80	120	0.193	7.02	1.920	2.68	0.4	19.0	20	1.1	8.2	4.6	0.3	<1	5
1047104	Drill Core	2.24	0.128	13.6	11	0.83	230	0.173	7.43	1.594	2.93	0.3	15.0	27	1.0	9.7	4.5	0.3	2	6
1047105	Drill Core	2.15	0.111	12.7	9	0.80	108	0.123	7.73	0.432	3.55	0.5	9.2	27	1.3	8.3	2.8	0.2	1	6
1047106	Drill Core	1.98	0.110	15.6	9	0.90	540	0.145	6.98	0.088	3.92	2.5	16.0	31	2.7	9.3	3.7	0.3	2	6
1047107	Drill Core	1.97	0.071	19.5	4	0.38	1207	0.086	6.54	0.066	3.57	1.2	42.8	35	0.6	9.9	9.5	0.9	1	2
1047108	Rock	35.90	0.004	0.4	<1	1.92	7	0.002	0.04	0.002	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1047109	Drill Core	2.04	0.068	18.8	4	0.42	1234	0.083	6.24	0.054	3.51	1.0	41.7	34	0.5	9.7	9.0	0.9	1	2
1047110	Drill Core	2.36	0.080	18.6	6	0.54	1279	0.083	6.55	0.072	3.14	1.0	43.0	35	0.7	9.8	8.8	0.8	2	2
1047111	Drill Core	1.99	0.148	13.1	10	0.85	162	0.182	6.72	0.777	2.68	0.3	16.4	30	1.3	11.1	4.4	0.3	1	7
1047112	Drill Core	1.75	0.103	9.5	8	0.80	54	0.132	6.42	0.074	2.56	0.6	10.5	22	2.6	7.3	3.3	0.3	1	6
1047113	Drill Core	1.45	0.070	15.8	5	0.50	999	0.075	5.79	0.040	2.90	1.1	43.0	32	0.5	8.8	9.2	0.9	2	2
1047114	Drill Core	1.77	0.069	17.2	6	0.55	1151	0.081	6.25	0.040	3.10	1.5	41.9	33	0.7	9.3	8.6	0.8	2	2
1047115	Drill Core	1.56	0.054	9.6	11	0.89	212	0.117	5.30	0.051	2.49	1.9	14.1	18	2.3	5.5	3.5	0.3	<1	5
1047116	Drill Core	1.43	0.063	15.2	6	0.51	902	0.076	5.81	0.037	2.75	1.8	36.8	29	0.7	8.2	8.3	0.8	2	2
1047117	Rock Pulp	1.75	0.051	10.8	34	0.90	93	0.182	3.83	1.307	0.75	1.1	28.5	24	50.3	10.9	4.2	0.1	<1	8
1047118	Drill Core	1.53	0.071	15.6	6	0.45	843	0.074	5.93	0.038	2.70	1.5	41.2	30	0.4	9.2	8.8	0.9	2	2
1047119	Drill Core	1.94	0.072	17.7	7	0.52	1161	0.078	6.43	0.048	2.36	1.4	42.0	34	0.5	8.7	8.9	0.8	1	2
1047120	Drill Core	1.95	0.086	7.8	9	0.78	51	0.137	6.13	0.236	2.84	0.8	6.4	17	2.3	5.9	3.3	0.2	1	6
1047121	Drill Core	1.55	0.080	6.4	12	0.75	81	0.122	6.10	0.470	2.98	0.4	7.0	15	1.8	5.5	2.6	0.2	<1	5
1047122	Drill Core	2.26	0.073	16.7	6	0.46	1092	0.078	6.41	0.049	3.24	1.2	45.4	34	0.5	9.1	9.5	1.0	2	2
1047123	Drill Core	2.28	0.070	15.5	6	0.40	989	0.077	6.18	0.049	3.06	1.1	44.0	32	0.5	8.7	9.0	0.9	2	2
1047124	Drill Core	2.12	0.078	18.4	5	0.46	1235	0.079	6.67	0.054	3.82	1.0	46.7	35	0.5	9.4	9.7	0.9	<1	2
1047125	Drill Core	2.13	0.077	16.7	6	0.44	1249	0.080	6.48	0.053	3.60	1.1	47.9	34	0.6	9.1	9.7	0.9	2	2



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1047096	Drill Core	3.5	77.3	0.5	
1047097	Drill Core	4.5	92.7	0.6	
1047098	Drill Core	3.6	80.9	0.5	
1047099	Drill Core	3.9	66.7	0.5	
1047100	Drill Core	3.9	76.7	0.5	
1047101	Drill Core	2.4	91.3	0.6	
1047102	Drill Core	2.8	86.2	0.6	
1047103	Drill Core	2.6	87.4	0.6	
1047104	Drill Core	2.1	110.7	0.6	
1047105	Drill Core	3.0	134.1	0.3	
1047106	Drill Core	0.9	190.8	0.6	
1047107	Drill Core	0.2	149.9	2.0	
1047108	Rock	<0.1	0.4	<0.1	
1047109	Drill Core	<0.1	154.7	1.9	
1047110	Drill Core	0.2	132.4	2.0	
1047111	Drill Core	2.3	97.6	0.4	
1047112	Drill Core	4.5	97.9	0.3	1.802
1047113	Drill Core	<0.1	134.5	1.9	
1047114	Drill Core	<0.1	154.1	2.0	
1047115	Drill Core	1.7	124.1	0.5	
1047116	Drill Core	0.5	126.3	1.7	
1047117	Rock Pulp	9.4	22.7	0.9	
1047118	Drill Core	<0.1	122.4	1.9	
1047119	Drill Core	0.1	108.8	1.9	
1047120	Drill Core	4.0	109.6	0.3	0.972
1047121	Drill Core	4.6	100.0	0.3	0.993
1047122	Drill Core	<0.1	143.9	2.1	
1047123	Drill Core	<0.1	127.9	2.0	
1047124	Drill Core	<0.1	163.1	2.2	
1047125	Drill Core	<0.1	152.3	2.0	



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047126	Drill Core	5.90	0.008	2.8	9.2	97.9	1035	4.1	2.7	1.9	5521	1.49	3	10.9	<0.1	13.4	247	6.4	1.4	<0.1
1047127	Drill Core	6.81	0.008	1.1	3.9	36.5	349	0.3	3.1	2.3	3866	1.37	3	5.0	<0.1	12.8	352	1.5	1.1	<0.1
1047128	Drill Core	6.89	0.019	1.3	94.5	155.5	2263	7.4	2.7	2.1	6680	1.55	25	10.3	<0.1	12.7	272	13.9	24.7	<0.1
1047129	Drill Core	7.43	0.011	1.3	29.1	74.5	887	1.4	3.0	2.3	6669	1.54	9	7.7	<0.1	12.7	252	5.0	7.0	<0.1
1047130	Drill Core	6.35	0.013	0.9	3.5	87.2	613	0.1	2.3	2.2	3775	1.52	3	5.9	<0.1	14.0	371	2.8	1.2	0.2
1047131	Drill Core	7.16	0.009	0.6	3.9	68.1	559	0.2	2.8	2.1	3912	1.36	4	4.9	<0.1	12.9	424	2.4	1.3	0.1
1047132	Drill Core	7.28	0.008	0.2	3.0	97.6	328	0.3	2.9	2.2	4354	1.50	3	18.3	<0.1	12.0	277	1.5	0.9	<0.1
1047133	Drill Core	6.55	<0.005	0.4	3.8	36.7	251	<0.1	2.6	2.4	2595	1.36	5	3.0	<0.1	11.6	289	0.8	1.3	<0.1
1047134	Drill Core	4.99	0.005	0.2	18.2	87.7	296	0.7	3.4	3.1	3137	1.51	5	4.3	<0.1	12.4	375	1.1	1.6	<0.1
1047135	Drill Core	2.53	<0.005	1.1	10.8	48.6	207	0.3	14.1	22.0	2684	5.76	8	2.8	<0.1	3.7	1293	0.2	1.7	<0.1
1047136	Rock	0.79	<0.005	<0.1	1.4	<0.1	<1	<0.1	<0.1	0.3	34	0.09	10	1.5	<0.1	<0.1	4587	<0.1	<0.1	<0.1
1047137	Drill Core	5.87	<0.005	0.3	8.4	59.9	236	0.3	3.7	3.0	2458	1.44	6	3.8	<0.1	13.3	330	0.7	1.6	<0.1
1047138	Drill Core	6.84	<0.005	0.5	3.4	44.4	293	0.3	2.7	2.5	2148	1.34	3	6.2	<0.1	12.7	298	1.0	0.9	<0.1
1047139	Drill Core	6.45	0.011	0.6	2.7	72.7	253	2.5	4.0	2.3	1713	1.41	4	31.2	<0.1	13.3	216	1.1	0.9	0.2
1047140	Drill Core	6.46	<0.005	0.5	1.3	49.6	227	0.2	3.1	2.5	1874	1.63	2	3.7	<0.1	13.2	239	0.8	0.8	0.2
1047141	Drill Core	6.64	<0.005	1.1	2.7	86.1	344	0.6	3.8	2.5	2242	1.45	3	9.1	<0.1	12.7	260	2.1	0.8	0.2
1047142	Drill Core	6.82	<0.005	0.3	1.4	38.3	232	<0.1	2.5	2.2	2263	1.47	1	3.9	<0.1	11.7	226	0.9	0.7	0.1
1047143	Drill Core	6.92	<0.005	0.6	1.6	33.3	163	<0.1	3.4	2.2	2034	1.45	2	3.5	<0.1	12.5	281	0.4	0.8	<0.1
1047144	Drill Core	7.19	<0.005	0.8	1.1	26.3	156	<0.1	4.0	2.4	2024	1.47	3	4.4	<0.1	12.6	294	0.4	0.8	<0.1
1047145	Drill Core	2.20	0.017	4.5	3.8	36.2	370	0.2	2.8	2.3	2318	1.39	11	16.1	<0.1	11.8	299	1.7	0.8	0.1
1047146	Drill Core	5.19	0.382	5.2	5808	297.7	855	8.9	18.2	17.5	1827	4.90	119	3.2	0.2	3.7	297	5.0	28.9	0.4
1047147	Drill Core	7.55	0.136	10.9	4586	8.7	55	1.4	17.1	14.4	352	4.58	4	0.6	0.1	3.2	691	0.1	0.4	0.2
1047148	Rock Pulp	0.11	0.894	23.3	5150	6414	>10000	70.4	52.8	21.6	563	9.47	380	2.1	1.0	2.2	144	220.1	103.1	27.1
1047149	Drill Core	6.57	0.117	13.3	3966	17.0	218	1.8	18.0	16.9	720	4.12	5	0.8	0.1	3.3	91	0.9	0.7	0.2
1047150	Drill Core	4.61	0.162	8.1	5424	61.0	337	3.3	18.2	14.9	1455	3.92	9	0.6	0.1	3.0	147	1.8	1.8	0.3
1047151	Drill Core	2.11	0.247	5.7	3486	385.6	2023	7.2	19.0	14.7	4376	3.84	24	0.7	0.2	2.8	166	10.3	10.6	0.5
1047152	Drill Core	7.22	0.134	9.1	4569	17.4	98	1.8	19.1	15.8	1242	3.70	4	0.7	0.2	3.1	125	0.4	0.7	0.1
1047153	Drill Core	6.80	0.132	10.6	4301	47.7	200	2.6	19.1	12.7	1465	4.13	6	0.7	<0.1	3.0	173	1.0	1.2	0.2
1047154	Drill Core	3.42	0.170	3.4	5819	29.2	169	4.0	20.2	11.5	1690	3.44	11	0.7	0.2	3.1	169	0.9	1.2	0.1
1047155	Drill Core	4.17	0.179	7.0	6248	24.4	98	2.7	20.3	13.0	995	3.48	4	0.5	0.2	3.6	140	0.5	0.7	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047126	Drill Core	1.69	0.074	18.7	6	0.41	1251	0.079	6.70	0.050	3.64	1.0	46.8	36	0.5	9.9	9.4	0.9	1	2
1047127	Drill Core	1.64	0.081	17.9	6	0.38	1201	0.076	6.76	0.050	3.84	1.1	46.2	36	0.6	8.8	9.2	0.9	1	2
1047128	Drill Core	1.28	0.073	17.3	7	0.38	1251	0.073	6.14	0.034	3.29	1.2	42.8	34	0.5	8.7	8.6	0.9	1	2
1047129	Drill Core	1.62	0.072	18.1	6	0.44	1208	0.075	6.28	0.034	2.73	1.2	43.4	35	0.4	8.7	8.4	0.9	<1	2
1047130	Drill Core	1.45	0.077	21.6	5	0.41	1180	0.089	6.78	0.035	3.18	1.2	47.5	39	0.6	10.7	11.3	1.0	2	2
1047131	Drill Core	1.27	0.073	20.0	5	0.40	1162	0.084	6.51	0.031	3.00	0.9	44.0	37	0.6	9.5	10.6	0.9	2	2
1047132	Drill Core	1.85	0.070	16.9	6	0.53	1059	0.074	6.36	0.035	2.78	0.8	44.6	34	0.4	8.9	8.9	0.9	2	2
1047133	Drill Core	1.66	0.073	14.8	5	0.44	1061	0.075	6.35	0.039	2.85	0.9	44.4	30	0.5	8.1	8.2	0.8	2	2
1047134	Drill Core	1.69	0.077	18.4	6	0.50	1222	0.083	6.55	0.039	3.01	1.0	48.0	35	0.5	9.1	9.1	0.9	1	2
1047135	Drill Core	4.12	0.239	20.0	19	1.61	329	0.697	9.03	0.053	2.99	0.7	103.9	45	0.9	12.9	9.7	0.5	1	16
1047136	Rock	36.30	0.005	0.4	<1	2.04	9	<0.001	0.06	0.002	<0.01	<0.1	0.8	<1	<0.1	0.3	0.1	<0.1	<1	<1
1047137	Drill Core	1.92	0.084	19.0	5	0.52	1083	0.077	6.73	0.042	3.13	0.7	46.9	37	0.5	8.9	8.4	0.8	3	2
1047138	Drill Core	1.75	0.073	17.1	6	0.52	1139	0.077	6.39	0.037	2.80	1.0	44.7	35	0.3	9.1	9.1	0.9	2	2
1047139	Drill Core	1.74	0.075	19.6	4	0.48	987	0.084	6.30	0.036	3.50	1.2	45.1	33	0.5	8.6	9.1	0.9	2	2
1047140	Drill Core	1.49	0.067	19.5	5	0.43	927	0.081	6.45	0.044	3.39	0.9	44.5	34	0.5	8.8	9.1	0.9	<1	2
1047141	Drill Core	1.82	0.064	19.2	5	0.53	891	0.077	6.39	0.039	3.55	1.0	41.0	34	0.5	8.2	8.6	0.8	1	2
1047142	Drill Core	1.87	0.063	17.5	6	0.56	945	0.078	6.21	0.035	3.41	0.9	40.4	31	0.5	8.5	8.3	0.8	1	2
1047143	Drill Core	1.73	0.075	18.4	5	0.55	949	0.070	6.31	0.033	3.47	1.0	40.9	33	0.5	8.3	8.4	0.8	<1	2
1047144	Drill Core	1.75	0.070	18.7	7	0.57	1083	0.080	6.34	0.033	3.37	1.2	41.1	33	0.5	8.4	8.8	0.8	1	2
1047145	Drill Core	1.74	0.068	16.7	5	0.58	953	0.076	6.23	0.029	3.14	1.3	39.7	30	0.4	7.8	8.3	0.8	1	2
1047146	Drill Core	2.29	0.100	8.0	30	1.13	179	0.200	6.56	0.412	2.49	0.8	13.3	17	2.1	6.9	3.9	0.2	<1	8
1047147	Drill Core	2.11	0.107	8.2	36	1.33	112	0.230	6.76	1.488	1.75	0.2	12.3	17	1.6	7.1	4.1	0.2	<1	9
1047148	Rock Pulp	1.80	0.051	11.1	35	0.90	187	0.182	3.75	1.165	0.73	1.1	37.6	22	47.5	10.3	4.2	0.2	<1	8
1047149	Drill Core	2.67	0.111	7.9	30	1.27	256	0.213	6.81	0.236	1.64	0.7	13.3	17	1.9	7.1	3.6	0.2	1	10
1047150	Drill Core	2.70	0.114	8.7	27	1.13	259	0.213	6.80	0.053	1.83	1.4	13.2	18	1.8	7.6	3.4	0.2	1	10
1047151	Drill Core	3.76	0.100	7.9	20	1.42	319	0.153	6.00	0.070	2.48	2.0	10.8	17	1.7	6.8	2.5	0.1	1	8
1047152	Drill Core	2.98	0.129	8.7	27	1.28	280	0.221	6.83	0.048	1.59	1.1	13.0	19	1.3	7.6	3.5	0.2	<1	10
1047153	Drill Core	2.98	0.113	8.4	22	1.29	219	0.154	6.46	0.086	1.98	0.8	12.3	18	1.9	7.1	2.6	0.1	<1	9
1047154	Drill Core	2.68	0.123	8.1	31	1.40	150	0.255	7.10	0.217	1.71	0.4	15.8	18	1.3	7.5	4.3	0.2	1	10
1047155	Drill Core	2.33	0.119	7.3	24	1.26	193	0.221	6.95	0.475	1.57	0.3	12.3	16	1.3	6.8	3.8	0.3	<1	9



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000710.1

	Method	1EX	1EX	1EX	7TD
	Analyte	S	Rb	Hf	Cu
	Unit	%	ppm	ppm	%
	MDL	0.1	0.1	0.1	0.001
1047126	Drill Core	<0.1	158.8	2.0	
1047127	Drill Core	<0.1	161.7	2.1	
1047128	Drill Core	0.2	152.9	2.0	
1047129	Drill Core	<0.1	132.6	2.0	
1047130	Drill Core	<0.1	160.2	2.3	
1047131	Drill Core	<0.1	145.0	2.0	
1047132	Drill Core	<0.1	127.6	1.9	
1047133	Drill Core	<0.1	118.7	2.1	
1047134	Drill Core	<0.1	139.9	2.1	
1047135	Drill Core	<0.1	73.9	2.9	
1047136	Rock	<0.1	0.4	<0.1	
1047137	Drill Core	<0.1	136.5	2.3	
1047138	Drill Core	<0.1	124.4	2.1	
1047139	Drill Core	<0.1	148.5	2.1	
1047140	Drill Core	<0.1	125.7	1.8	
1047141	Drill Core	<0.1	133.8	1.9	
1047142	Drill Core	<0.1	130.5	1.8	
1047143	Drill Core	<0.1	135.6	1.8	
1047144	Drill Core	<0.1	133.1	2.0	
1047145	Drill Core	<0.1	132.2	1.8	
1047146	Drill Core	3.1	89.6	0.4	
1047147	Drill Core	2.8	62.7	0.3	
1047148	Rock Pulp	9.7	20.6	1.0	
1047149	Drill Core	3.0	48.7	0.4	
1047150	Drill Core	3.0	57.6	0.4	
1047151	Drill Core	2.8	69.5	0.3	
1047152	Drill Core	2.4	38.1	0.4	
1047153	Drill Core	3.1	55.0	0.3	
1047154	Drill Core	2.0	46.5	0.4	
1047155	Drill Core	2.3	46.6	0.4	



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Project:

Poplar Drilling

Report Date:

January 17, 2012

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Part 1

QUALITY CONTROL REPORT

SMI11000710.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1047036	Drill Core	5.72	0.087	2.6	2771	12.5	60	1.3	9.0	12.3	303	4.68	3	0.6	0.1	4.3	441	0.4	0.4	0.4	74
REP 1047036	QC	0.093																			
1047062	Drill Core	2.53	0.170	2.2	3451	9.9	39	1.1	12.9	6.5	218	4.04	4	0.5	0.2	3.5	817	<0.1	0.3	<0.1	95
REP 1047062	QC	2.6 3439 9.8 40 0.9 14.1 7.0 218 3.97 4 0.5 0.1 3.3 822 <0.1 0.4 <0.1 94																			
1047072	Drill Core	1.49	0.128	1.5	3586	32.6	409	3.8	16.4	7.8	1333	4.32	3	0.5	0.1	3.3	170	2.2	1.1	0.3	80
REP 1047072	QC	1.9 3637 33.5 414 3.6 17.9 7.9 1356 4.35 4 0.5 <0.1 3.2 166 2.1 0.9 0.2 82																			
1047100	Drill Core	2.31	0.106	5.7	2833	242.8	1195	4.4	6.1	12.1	1886	5.45	117	0.8	<0.1	3.9	231	7.0	9.6	0.4	57
REP 1047100	QC	0.104																			
1047138	Drill Core	6.84	<0.005	0.5	3.4	44.4	293	0.3	2.7	2.5	2148	1.34	3	6.2	<0.1	12.7	298	1.0	0.9	<0.1	25
REP 1047138	QC	0.2 1.6 42.2 279 0.2 3.6 2.4 2082 1.33 2 6.1 <0.1 12.7 288 1.0 0.9 <0.1 24																			
Core Reject Duplicates																					
1047038	Drill Core	6.74	0.130	3.3	2959	59.5	124	1.2	12.0	13.6	717	3.98	4	0.6	0.2	3.8	177	0.8	0.7	0.2	85
DUP 1047038	QC	0.119 2.4 2871 56.0 126 1.3 11.0 12.5 702 3.85 4 0.6 0.2 3.7 178 0.6 0.6 0.2 83																			
1047073	Drill Core	5.63	0.125	3.9	3742	27.8	154	2.0	17.1	11.1	1019	4.95	8	0.5	0.2	2.9	111	0.8	1.4	0.8	80
DUP 1047073	QC	0.162 4.4 3829 27.4 164 2.1 16.3 10.3 1034 4.85 9 0.5 0.4 3.0 116 0.8 1.2 0.5 81																			
1047108	Rock	0.61	<0.005	<0.1	2.0	0.5	<1	<0.1	1.4	<0.2	38	0.05	17	1.4	<0.1	<0.1	3964	<0.1	<0.1	<0.1	2
DUP 1047108	QC	<0.005 <0.1 <0.1 0.3 <1 <0.1 1.4 <0.2 36 0.04 16 1.4 <0.1 <0.1 4075 <0.1 <0.1 <0.1 1																			
1047143	Drill Core	6.92	<0.005	0.6	1.6	33.3	163	<0.1	3.4	2.2	2034	1.45	2	3.5	<0.1	12.5	281	0.4	0.8	<0.1	24
DUP 1047143	QC	<0.005 0.4 1.5 33.4 159 <0.1 2.8 2.1 1961 1.38 1 3.5 <0.1 12.1 279 0.4 0.8 <0.1 22																			
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	1.4 53.9 2.9 127 <0.1 136.4 44.0 1062 7.23 6 0.7 <0.1 3.0 337 0.2 <0.1 <0.1 158																			
STD OREAS24P	Standard	1.4 50.9 3.1 108 <0.1 142.5 44.7 982 7.29 4 0.6 <0.1 2.8 364 0.2 <0.1 <0.1 150																			
STD OREAS24P	Standard	1.5 52.2 2.7 118 <0.1 149.7 48.3 1142 7.73 2 0.7 <0.1 3.0 402 <0.1 <0.1 <0.1 177																			
STD OREAS24P	Standard	1.3 47.8 3.1 111 <0.1 137.7 44.0 1145 7.40 3 0.7 <0.1 2.9 375 <0.1 <0.1 <0.1 165																			
STD OREAS24P	Standard	1.4 54.1 2.9 122 0.1 157.3 49.4 1087 7.50 4 0.6 <0.1 2.9 375 <0.1 <0.1 <0.1 166																			
STD OREAS45C	Standard	2.3 602.0 26.4 81 0.2 321.8 101.9 1089 17.84 12 2.4 <0.1 11.3 28 0.2 0.7 0.2 257																			



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Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

SMI11000710.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
1047036	Drill Core	1.90	0.093	11.5	16	0.69	44	0.106	6.52	0.199	2.50	0.2	11.3	26	3.1	7.9	2.1	0.1	<1	7
REP 1047036	QC																			
1047062	Drill Core	2.43	0.110	9.4	33	1.29	84	0.325	6.73	2.220	1.97	<0.1	14.0	20	1.3	8.3	5.6	0.3	<1	9
REP 1047062	QC	2.46	0.110	9.8	33	1.28	93	0.329	6.62	2.206	2.08	<0.1	15.1	22	1.4	8.8	5.5	0.3	<1	9
1047072	Drill Core	1.88	0.114	9.0	20	0.98	236	0.205	6.63	0.098	2.36	0.4	13.4	19	2.1	7.6	3.8	0.2	<1	8
REP 1047072	QC	1.88	0.113	8.1	22	0.95	169	0.206	6.32	0.107	2.34	0.4	14.0	18	2.0	7.3	3.7	0.2	<1	8
1047100	Drill Core	2.37	0.085	7.2	8	1.01	60	0.137	5.77	0.058	2.58	0.4	14.4	15	1.5	5.9	2.8	0.2	<1	5
REP 1047100	QC																			
1047138	Drill Core	1.75	0.073	17.1	6	0.52	1139	0.077	6.39	0.037	2.80	1.0	44.7	35	0.3	9.1	9.1	0.9	2	2
REP 1047138	QC	1.73	0.073	17.1	6	0.52	1114	0.076	6.40	0.035	2.86	1.0	43.2	34	0.3	8.5	8.7	0.9	1	2
Core Reject Duplicates																				
1047038	Drill Core	2.75	0.109	11.2	26	1.15	70	0.231	6.80	0.325	1.93	0.2	12.9	24	1.7	8.0	4.8	0.3	1	8
DUP 1047038	QC	2.68	0.104	11.0	27	1.11	62	0.231	6.59	0.325	1.91	0.2	12.3	24	1.7	7.7	4.8	0.3	<1	8
1047073	Drill Core	2.08	0.090	7.4	25	1.08	101	0.210	6.17	0.216	1.95	0.7	12.3	16	1.8	7.0	3.8	0.2	<1	8
DUP 1047073	QC	2.09	0.097	6.9	24	1.09	138	0.214	5.92	0.206	1.89	0.9	13.3	15	1.7	7.2	4.3	0.2	<1	8
1047108	Rock	35.90	0.004	0.4	<1	1.92	7	0.002	0.04	0.002	<0.01	<0.1	0.3	<1	<0.1	0.3	<0.1	<0.1	<1	<1
DUP 1047108	QC	>40	0.004	0.7	<1	1.91	8	0.002	0.05	0.002	<0.01	<0.1	0.2	<1	<0.1	0.3	<0.1	<0.1	<1	<1
1047143	Drill Core	1.73	0.075	18.4	5	0.55	949	0.070	6.31	0.033	3.47	1.0	40.9	33	0.5	8.3	8.4	0.8	<1	2
DUP 1047143	QC	1.66	0.068	18.1	3	0.53	924	0.069	6.12	0.030	3.30	1.0	39.8	33	0.4	8.3	8.5	0.8	1	2
Reference Materials																				
STD OREAS131B	Standard																			
STD OREAS153A	Standard																			
STD OREAS24P	Standard	5.33	0.127	19.3	171	4.11	279	1.018	7.58	2.550	0.64	0.5	128.2	38	1.9	20.7	18.6	1.2	1	19
STD OREAS24P	Standard	5.39	0.130	17.8	207	3.85	296	1.062	7.74	2.341	0.67	0.5	127.4	34	1.7	22.4	19.5	1.1	1	18
STD OREAS24P	Standard	5.62	0.136	18.9	219	4.29	283	1.056	7.83	2.587	0.68	0.4	130.4	39	1.7	22.6	18.8	1.1	<1	21
STD OREAS24P	Standard	5.82	0.136	18.9	219	4.08	283	1.099	7.61	2.444	0.66	0.4	133.9	38	1.6	23.8	19.7	1.1	1	21
STD OREAS24P	Standard	5.59	0.120	18.1	197	4.12	261	1.054	7.58	2.493	0.68	0.5	124.9	35	1.5	20.1	18.0	1.1	<1	20
STD OREAS45C	Standard	0.49	0.048	27.3	927	0.27	272	1.126	7.07	0.097	0.35	1.0	157.9	50	2.7	12.1	21.5	1.4	<1	56



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Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

SMI11000710.1

Method		1EX	1EX	1EX	7TD
Analyte		S	Rb	Hf	Cu
Unit		%	ppm	ppm	%
MDL		0.1	0.1	0.1	0.001
Pulp Duplicates					
1047036	Drill Core	4.2	62.9	0.3	
REP 1047036	QC				
1047062	Drill Core	1.9	64.0	0.4	
REP 1047062	QC	1.9	63.6	0.4	
1047072	Drill Core	2.9	79.1	0.4	
REP 1047072	QC	2.9	68.5	0.3	
1047100	Drill Core	3.9	76.7	0.5	
REP 1047100	QC				
1047138	Drill Core	<0.1	124.4	2.1	
REP 1047138	QC	<0.1	125.8	2.1	
Core Reject Duplicates					
1047038	Drill Core	2.6	53.2	0.3	
DUP 1047038	QC	2.5	54.8	0.4	
1047073	Drill Core	2.9	72.3	0.3	
DUP 1047073	QC	2.8	74.7	0.4	
1047108	Rock	<0.1	0.4	<0.1	
DUP 1047108	QC	<0.1	0.2	<0.1	
1047143	Drill Core	<0.1	135.6	1.8	
DUP 1047143	QC	<0.1	129.6	1.8	
Reference Materials					
STD OREAS131B	Standard				0.021
STD OREAS153A	Standard				0.691
STD OREAS24P	Standard	<0.1	21.5	3.4	
STD OREAS24P	Standard	<0.1	21.4	3.3	
STD OREAS24P	Standard	<0.1	22.0	3.7	
STD OREAS24P	Standard	<0.1	21.2	3.4	
STD OREAS24P	Standard	<0.1	20.7	3.0	
STD OREAS45C	Standard	<0.1	22.8	4.1	



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QUALITY CONTROL REPORT

SMI11000710.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
STD OREAS45C	Standard			2.2	620.8	26.8	72	0.2	331.4	99.5	1071	17.70	11	2.4	<0.1	11.0	38	0.1	0.6	0.1	278
STD OREAS45C	Standard			2.3	551.2	24.7	87	0.4	342.4	101.9	1153	17.64	11	2.3	<0.1	10.5	37	0.2	0.8	0.2	270
STD OREAS45C	Standard			2.0	614.3	23.6	80	0.3	342.6	101.2	1198	17.02	12	2.2	<0.1	10.7	36	0.1	0.9	0.2	274
STD OREAS45C	Standard			2.1	636.1	24.1	87	0.3	350.7	114.0	1183	19.27	11	2.3	<0.1	10.4	36	0.1	0.8	0.2	289
STD OXH82	Standard		1.307																		
STD OXH82	Standard		1.380																		
STD OXH82	Standard		1.338																		
STD OXH82	Standard		1.305																		
STD OXH82	Standard		1.302																		
STD OXH82	Standard		1.295																		
STD OXK79	Standard		3.284																		
STD OXK79	Standard		3.692																		
STD OXK79	Standard		3.657																		
STD OXK79	Standard		3.699																		
STD OXK79	Standard		3.618																		
STD OXK79	Standard		3.763																		
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000710.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.45	0.054	27.7	934	0.26	284	1.240	7.37	0.092	0.33	1.1	168.7	51	3.0	13.8	24.9	1.5	<1	55	14.6
STD OREAS45C	Standard	0.44	0.052	26.4	952	0.25	277	1.107	7.26	0.095	0.35	1.1	155.3	52	2.7	12.7	21.8	1.3	1	59	16.2
STD OREAS45C	Standard	0.48	0.052	27.0	901	0.27	276	1.212	7.46	0.101	0.36	1.0	169.2	51	2.9	14.6	24.1	1.4	<1	62	15.1
STD OREAS45C	Standard	0.51	0.049	26.1	1038	0.24	271	1.217	7.35	0.086	0.35	1.2	158.2	49	3.0	12.5	21.8	1.4	<1	63	15.6
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000710.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
STD OREAS45C	Standard	<0.1	24.6	4.3	
STD OREAS45C	Standard	<0.1	23.4	4.3	
STD OREAS45C	Standard	<0.1	24.2	4.1	
STD OREAS45C	Standard	<0.1	22.9	4.2	
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXH82	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD SU-1B	Standard				1.089
STD OXH82 Expected					
STD OXK79 Expected					
STD OREAS24P Expected			22.4	3.6	
STD OREAS45C Expected		0.021	24	4.27	
STD OREAS131B Expected					0.0216
STD SU-1B Expected					1.185
STD OREAS153A Expected					0.712
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				



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QUALITY CONTROL REPORT

SMI11000710.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	<0.005	0.6	7.2	22.4	59	<0.1	3.3	5.1	817	2.43	4	2.8	<0.1	9.0	788	0.3	0.2	0.3	48
G1	Prep Blank	<0.005	0.7	6.4	23.1	59	<0.1	2.6	5.0	833	2.31	3	3.2	<0.1	9.9	816	0.1	0.1	0.1	48

QUALITY CONTROL REPORT

SMI11000710.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	2.43	0.084	28.9	10	0.58	1045	0.274	7.65	2.882	2.12	0.2	11.0	54	1.6	14.5	25.4	1.5	2	5	39.8
G1	Prep Blank	2.44	0.076	27.8	7	0.60	1134	0.279	7.85	2.984	1.76	0.2	12.1	56	1.9	14.6	26.1	1.5	3	5	38.9



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Project: Poplar Drilling

Report Date: January 17, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000710.1

		1EX S %	1EX Rb ppm	1EX Hf ppm	7TD Cu %
		0.1	0.1	0.1	0.001
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank	<0.1	<0.1	<0.1	
BLK	Blank				<0.001
Prep Wash					
G1	Prep Blank	<0.1	101.8	0.6	
G1	Prep Blank	<0.1	87.6	0.8	



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 10, 2011
Report Date: December 21, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000711.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_21
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	117	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 21, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047156	Drill Core	6.82	0.082	11.0	2892	15.4	63	1.2	18.4	11.5	572	4.00	3	0.7	<0.1	4.8	1128	0.2	<0.1	0.1
1047157	Drill Core	6.87	0.100	9.6	3392	14.6	68	1.4	18.8	13.1	451	3.87	3	0.7	0.1	4.1	907	0.3	<0.1	0.1
1047158	Drill Core	6.55	0.116	3.5	3969	28.0	91	1.4	20.9	13.1	279	3.87	3	0.8	0.3	4.2	894	0.4	<0.1	0.2
1047159	Drill Core	3.69	0.123	4.7	4309	29.0	83	1.7	19.7	13.6	347	3.92	3	0.9	0.1	4.0	704	0.4	<0.1	0.2
1047160	Drill Core	6.32	0.097	19.6	3569	10.5	54	1.2	19.3	13.3	234	4.01	2	0.9	<0.1	3.9	664	0.1	<0.1	0.2
1047161	Drill Core	7.81	0.096	17.3	3424	12.2	53	1.0	20.1	13.8	282	3.88	3	0.9	<0.1	3.7	718	0.3	<0.1	0.1
1047162	Drill Core	4.76	0.146	30.9	6132	29.1	131	2.0	27.3	19.1	485	5.10	61	1.1	0.1	3.6	411	0.6	1.6	0.2
1047163	Drill Core	7.37	0.008	0.6	32.5	18.1	127	<0.1	7.9	6.0	548	2.10	9	3.9	<0.1	9.3	709	0.5	1.2	0.2
1047164	Drill Core	6.71	<0.005	0.6	26.5	17.2	102	0.1	8.2	6.0	482	2.11	9	4.0	<0.1	8.9	800	0.4	1.2	0.2
1047165	Drill Core	7.37	<0.005	0.7	11.0	13.2	99	<0.1	8.1	6.8	513	2.06	9	4.8	<0.1	9.4	803	0.3	1.2	0.1
1047166	Drill Core	3.79	<0.005	0.8	43.6	12.9	81	0.1	9.0	6.3	693	2.15	10	4.0	<0.1	9.3	693	0.2	1.0	<0.1
1047167	Drill Core	4.62	0.019	4.9	543.2	45.9	129	1.1	11.5	7.9	1113	2.10	109	5.0	<0.1	9.0	651	0.3	5.5	0.3
1047168	Drill Core	7.72	0.073	69.1	3313	177.6	384	10.0	27.5	16.8	2263	3.77	477	5.1	0.1	4.9	561	2.3	36.3	0.3
1047169	Rock Pulp	0.10	0.906	167.6	3609	53.9	130	7.5	27.5	19.2	538	5.00	65	1.3	1.0	2.8	247	0.6	8.4	0.7
1047170	Drill Core	7.75	0.177	28.5	3076	73.4	161	4.9	21.0	13.2	1044	3.11	570	1.5	0.2	4.5	461	1.0	66.6	0.5
1047171	Drill Core	6.77	0.035	48.8	1261	98.9	262	2.3	18.9	16.8	942	4.04	313	1.2	<0.1	4.4	519	1.4	189.7	0.1
1047172	Drill Core	6.22	0.030	7.3	1191	27.7	160	1.6	23.8	14.6	984	4.20	251	1.1	<0.1	3.9	602	1.1	107.5	0.1
1047173	Drill Core	6.69	0.042	19.8	1505	30.7	116	0.8	17.3	15.3	716	3.70	267	0.8	<0.1	6.0	455	0.5	76.9	<0.1
1047174	Drill Core	6.87	0.058	23.3	1954	74.8	123	2.0	20.3	15.3	783	4.09	131	0.7	<0.1	4.6	339	0.7	25.3	<0.1
1047175	Drill Core	4.75	0.036	15.2	1534	74.0	141	2.7	21.2	14.8	1018	4.54	53	0.9	<0.1	4.7	371	0.8	13.5	0.2
1047176	Drill Core	7.06	0.051	25.7	1708	97.3	291	2.7	16.3	13.5	1287	4.21	266	0.6	<0.1	3.8	447	1.5	43.2	0.1
1047177	Drill Core	7.07	0.038	4.7	1179	45.7	119	1.2	18.2	14.9	861	3.97	184	0.6	<0.1	4.4	392	0.5	18.7	0.1
1047178	Drill Core	7.55	0.030	13.3	1149	105.2	167	4.8	19.4	29.7	1199	4.38	204	1.0	<0.1	4.4	394	0.9	52.6	0.2
1047179	Drill Core	7.09	0.053	20.1	2619	157.8	502	5.3	16.8	13.8	1850	3.05	128	0.8	<0.1	4.6	336	3.4	16.2	0.3
1047180	Drill Core	6.79	0.068	42.5	3029	169.6	618	4.7	25.1	19.7	1240	3.41	75	1.0	<0.1	4.3	344	4.0	14.7	0.3
1047181	Rock	0.39	<0.005	0.2	20.2	1.0	1	<0.1	1.6	<0.2	42	0.04	12	1.9	<0.1	<0.1	4529	<0.1	<0.1	<0.1
1047182	Drill Core	7.16	0.057	23.6	2446	328.1	733	6.8	24.1	16.3	2262	2.93	173	0.9	<0.1	5.4	345	5.8	44.5	0.3
1047183	Drill Core	7.20	0.032	49.2	1718	226.7	597	4.0	9.5	17.4	2667	3.40	375	1.0	<0.1	5.1	367	3.9	25.7	0.4
1047184	Drill Core	7.63	0.040	90.2	1784	41.3	125	2.2	9.0	17.5	977	3.09	488	1.3	<0.1	5.0	382	0.6	34.1	0.2
1047185	Drill Core	7.41	0.069	82.2	2959	279.4	241	5.6	9.5	21.9	990	3.44	431	1.2	<0.1	3.7	608	1.6	125.0	0.2



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Report Date: December 21, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047156	Drill Core	2.16	0.115	10.2	33	1.11	103	0.239	7.17	2.365	2.07	0.2	11.3	23	1.8	9.5	4.5	0.3	1	9
1047157	Drill Core	2.27	0.133	9.8	27	1.41	135	0.262	7.30	1.659	1.93	0.2	14.5	23	1.7	10.3	4.5	0.2	1	10
1047158	Drill Core	2.25	0.134	11.2	27	1.33	133	0.280	7.47	2.353	1.82	0.4	15.4	25	1.6	10.5	4.8	0.3	1	9
1047159	Drill Core	2.22	0.135	10.7	29	1.34	139	0.279	7.39	2.027	1.83	0.3	14.6	25	1.8	10.1	4.7	0.3	<1	9
1047160	Drill Core	2.41	0.128	10.9	29	1.44	102	0.244	7.19	2.321	1.71	0.3	17.0	25	1.7	10.0	4.1	0.2	1	10
1047161	Drill Core	2.35	0.143	11.5	29	1.36	150	0.248	7.24	2.216	1.80	0.2	18.0	26	2.0	10.3	4.1	0.2	<1	9
1047162	Drill Core	2.63	0.160	10.1	23	1.37	81	0.145	6.63	1.012	2.08	0.4	17.0	24	3.1	9.8	2.2	0.1	1	9
1047163	Drill Core	2.75	0.093	19.6	10	1.06	1231	0.196	7.34	0.051	2.61	2.1	83.1	39	0.7	9.9	9.3	0.7	1	5
1047164	Drill Core	2.33	0.092	19.7	11	0.88	1149	0.197	7.27	0.050	3.17	2.7	84.2	40	0.8	9.8	9.8	0.8	2	5
1047165	Drill Core	2.67	0.090	21.4	10	1.01	1244	0.195	7.28	0.049	3.26	2.0	82.6	42	0.8	10.6	9.8	0.8	1	5
1047166	Drill Core	2.78	0.084	19.0	10	1.04	894	0.202	7.22	0.049	3.04	1.2	88.9	39	0.6	10.4	9.6	0.7	1	5
1047167	Drill Core	2.35	0.083	18.7	12	0.95	1042	0.205	7.11	0.052	3.01	0.9	78.7	37	0.7	9.7	9.0	0.7	1	6
1047168	Drill Core	1.88	0.104	15.7	18	1.03	215	0.143	7.38	0.086	3.33	1.5	25.9	34	2.6	9.2	3.2	0.2	<1	8
1047169	Rock Pulp	0.41	0.113	13.9	44	0.84	114	0.245	7.06	1.330	4.28	25.4	23.0	30	2.9	12.5	3.4	0.2	1	12
1047170	Drill Core	1.96	0.105	19.5	18	1.06	157	0.132	7.45	0.079	3.05	0.9	16.4	43	2.0	8.9	2.2	0.1	2	8
1047171	Drill Core	2.04	0.126	13.6	19	0.96	105	0.164	7.52	0.090	2.91	1.1	12.5	31	2.5	8.7	3.4	0.2	2	8
1047172	Drill Core	2.50	0.129	13.4	40	1.15	118	0.178	8.26	0.834	2.90	0.4	20.3	33	1.3	9.9	3.2	0.2	2	11
1047173	Drill Core	2.87	0.147	16.4	23	1.10	110	0.246	7.83	0.234	2.19	0.4	11.5	38	1.5	11.4	5.3	0.3	2	9
1047174	Drill Core	2.81	0.125	16.2	34	1.18	97	0.233	7.42	0.656	2.30	0.4	10.7	38	1.5	10.7	5.0	0.3	<1	9
1047175	Drill Core	2.94	0.129	15.4	30	1.30	93	0.219	7.70	0.179	2.35	0.6	10.7	36	1.7	10.4	4.6	0.3	<1	9
1047176	Drill Core	2.79	0.149	10.9	21	1.10	100	0.247	7.51	0.841	2.49	0.7	10.9	28	1.4	9.8	5.9	0.3	2	8
1047177	Drill Core	2.68	0.152	14.4	23	1.15	178	0.264	7.93	0.980	2.49	0.4	10.1	34	1.3	11.0	5.9	0.4	<1	9
1047178	Drill Core	2.19	0.132	14.9	26	0.96	135	0.138	7.43	0.315	3.23	1.3	10.0	34	2.7	9.0	3.0	0.2	<1	10
1047179	Drill Core	2.09	0.093	13.1	19	1.00	131	0.144	6.98	0.769	2.95	0.8	8.6	29	1.5	7.6	3.1	0.2	1	6
1047180	Drill Core	1.90	0.092	12.0	38	1.02	93	0.147	7.02	1.264	2.80	0.6	14.8	27	1.7	8.5	2.3	0.1	1	9
1047181	Rock	35.85	0.004	0.4	<1	1.48	12	0.002	0.07	0.006	0.02	<0.1	0.3	<1	0.2	0.4	<0.1	<0.1	<1	<1
1047182	Drill Core	2.01	0.092	14.4	26	0.89	124	0.168	7.26	1.479	3.09	0.8	13.9	32	1.5	8.6	3.3	0.2	1	8
1047183	Drill Core	2.07	0.116	14.1	7	0.83	102	0.142	7.43	0.914	3.16	0.8	13.4	32	1.4	9.1	3.4	0.2	1	5
1047184	Drill Core	1.55	0.098	17.9	7	0.74	85	0.097	7.72	1.211	3.11	0.6	17.2	40	1.9	8.4	2.3	0.2	2	5
1047185	Drill Core	2.20	0.122	13.8	8	0.92	93	0.173	7.20	0.971	3.03	0.6	31.7	32	1.4	9.3	3.1	0.2	1	7



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047156	Drill Core	2.7	71.6	0.3
1047157	Drill Core	2.6	72.7	0.5
1047158	Drill Core	2.3	74.2	0.4
1047159	Drill Core	2.5	74.1	0.4
1047160	Drill Core	3.0	65.2	0.4
1047161	Drill Core	2.7	67.5	0.4
1047162	Drill Core	4.2	65.3	0.5
1047163	Drill Core	<0.1	100.5	2.7
1047164	Drill Core	<0.1	121.0	2.6
1047165	Drill Core	<0.1	135.1	2.7
1047166	Drill Core	0.1	132.7	2.7
1047167	Drill Core	0.3	126.8	2.5
1047168	Drill Core	2.9	130.5	0.8
1047169	Rock Pulp	2.6	126.7	0.7
1047170	Drill Core	2.6	107.1	0.5
1047171	Drill Core	3.3	90.3	0.5
1047172	Drill Core	3.4	88.4	0.6
1047173	Drill Core	2.4	66.1	0.5
1047174	Drill Core	2.8	68.1	0.4
1047175	Drill Core	3.3	80.2	0.4
1047176	Drill Core	2.3	67.2	0.5
1047177	Drill Core	1.9	72.8	0.4
1047178	Drill Core	3.6	102.4	0.4
1047179	Drill Core	2.4	97.9	0.4
1047180	Drill Core	2.8	93.5	0.4
1047181	Rock	<0.1	0.8	<0.1
1047182	Drill Core	2.1	110.2	0.4
1047183	Drill Core	2.6	113.7	0.5
1047184	Drill Core	2.6	101.4	0.5
1047185	Drill Core	2.6	90.2	0.8



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CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047186	Drill Core	7.05	0.062	40.8	2689	184.7	207	2.0	8.0	25.6	566	3.47	195	1.5	<0.1	4.1	470	1.1	12.8	0.2
1047187	Drill Core	6.83	0.063	119.8	2485	30.5	81	1.2	8.6	20.8	484	3.16	27	1.1	<0.1	3.8	413	0.2	1.5	0.1
1047188	Drill Core	3.40	0.142	67.3	5942	208.8	182	6.5	18.9	53.2	971	5.06	60	0.9	0.1	3.4	307	1.5	5.4	0.3
1047189	Drill Core	4.04	0.124	41.2	6835	15.8	96	4.7	39.1	200.8	732	30.42	18	0.7	0.1	2.3	117	0.2	0.5	0.7
1047190	Drill Core	7.32	0.058	53.9	2543	12.5	61	1.3	8.5	33.5	378	4.41	104	1.4	<0.1	3.2	416	0.2	5.7	0.3
1047191	Drill Core	3.79	0.051	77.4	2488	14.5	62	1.3	8.8	34.7	389	4.41	98	1.2	<0.1	3.4	391	0.2	4.6	0.3
1047192	Drill Core	6.83	0.050	53.2	2607	19.9	163	1.3	6.6	22.4	583	3.74	235	1.3	<0.1	3.2	515	0.5	19.6	0.1
1047193	Drill Core	6.53	0.061	214.5	2724	33.0	139	1.2	8.4	19.5	607	3.65	502	1.3	<0.1	6.1	435	0.3	81.9	0.3
1047194	Drill Core	7.14	0.041	115.3	2153	13.6	114	0.8	9.2	18.8	508	3.36	566	0.9	<0.1	4.5	391	0.3	56.4	0.2
1047195	Drill Core	7.55	0.029	146.7	1754	55.8	166	1.3	9.5	20.8	571	3.12	263	1.2	<0.1	4.8	469	0.9	11.4	0.2
1047196	Drill Core	6.84	0.029	85.2	1791	13.0	40	0.7	9.7	17.4	277	2.97	18	2.4	<0.1	6.1	312	0.2	0.7	0.2
1047197	Drill Core	6.95	0.029	79.5	2013	33.9	87	1.7	4.7	19.4	584	2.83	99	1.4	<0.1	5.1	452	0.4	2.9	0.2
1047198	Drill Core	3.14	0.073	126.3	5045	73.0	182	4.1	10.3	31.4	688	4.62	237	1.2	<0.1	4.3	525	0.9	7.8	0.6
1047199	Drill Core	6.88	<0.005	2.7	44.1	136.9	307	0.7	0.7	0.9	901	0.77	82	11.9	<0.1	17.3	153	1.5	8.9	0.4
1047200	Drill Core	7.79	0.033	192.8	2850	867.6	1132	10.9	7.7	29.9	2511	3.63	376	1.8	<0.1	4.9	828	7.5	58.4	0.7
1047201	Drill Core	6.96	0.036	319.4	2638	108.9	273	4.1	10.0	33.0	1553	4.12	174	1.4	<0.1	4.8	624	1.5	12.6	0.2
1047202	Drill Core	7.23	0.021	59.5	1958	190.8	536	3.2	12.6	37.4	1291	4.63	58	2.2	<0.1	5.1	391	3.3	4.7	0.4
1047203	Drill Core	7.34	0.021	937.4	1368	250.2	1028	3.7	8.4	46.8	1151	5.50	242	2.7	<0.1	5.1	269	6.6	68.8	0.4
1047204	Rock Pulp	0.14	0.008	664.7	121.5	16.1	91	0.2	16.5	6.0	661	2.75	4	3.6	<0.1	7.0	337	<0.1	1.0	1.1
1047205	Drill Core	6.51	0.014	197.3	1089	329.8	962	4.1	5.5	16.0	1811	3.08	222	1.8	<0.1	6.1	413	6.4	33.7	0.3
1047206	Drill Core	7.13	0.015	217.6	1078	299.5	712	5.0	3.7	15.0	1650	2.72	82	1.6	<0.1	6.4	316	4.9	41.8	0.3
1047207	Drill Core	6.68	0.008	68.7	850.3	179.8	372	2.0	3.6	11.4	1510	2.71	178	1.8	<0.1	6.1	607	2.0	21.2	0.2
1047208	Drill Core	7.35	0.007	73.8	866.3	51.7	217	1.9	4.4	23.9	870	3.93	153	1.8	<0.1	5.6	655	1.5	4.7	0.3
1047209	Drill Core	7.00	0.007	55.9	651.0	106.4	280	1.6	3.6	19.8	991	3.24	177	1.9	<0.1	6.1	408	2.2	21.1	0.2
1047210	Drill Core	7.40	0.013	62.3	1044	551.2	1594	6.1	5.3	24.8	3587	3.36	279	1.7	<0.1	5.2	562	11.3	46.7	0.4
1047211	Drill Core	6.15	0.016	53.1	1513	257.7	778	4.1	4.2	23.2	2449	3.05	345	1.9	<0.1	6.4	517	5.5	35.3	0.2
1047212	Drill Core	7.08	0.018	166.0	758.9	112.2	488	2.2	5.0	19.0	2865	2.91	27	1.7	<0.1	4.9	438	3.4	9.0	0.4
1047213	Drill Core	7.31	0.017	83.4	912.2	66.3	173	1.7	4.0	20.9	1690	2.89	161	2.1	<0.1	6.4	494	0.8	7.3	0.3
1047214	Drill Core	7.60	0.013	334.2	1136	125.0	390	2.4	4.5	22.0	1941	3.05	279	2.1	<0.1	6.7	612	2.7	21.0	0.1
1047215	Drill Core	6.95	0.008	91.8	1012	23.9	86	1.1	3.2	20.0	1033	2.61	263	1.6	<0.1	5.0	413	0.5	4.9	0.1



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Project: Poplar Drilling
Report Date: December 21, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047186	Drill Core	2.34	0.135	14.5	10	0.95	93	0.205	7.53	1.858	3.14	0.4	39.4	35	1.2	10.7	3.9	0.2	1	7
1047187	Drill Core	2.18	0.121	12.8	14	1.02	127	0.215	7.55	2.025	2.38	0.4	33.1	30	1.2	10.4	3.5	0.2	2	8
1047188	Drill Core	2.27	0.117	6.3	13	1.04	60	0.188	7.06	1.420	2.33	0.8	24.1	15	1.9	8.1	2.8	0.2	<1	7
1047189	Drill Core	1.28	0.068	7.7	8	0.84	41	0.122	4.57	0.273	0.94	0.2	13.6	16	1.3	6.0	2.5	0.1	1	6
1047190	Drill Core	2.12	0.127	13.3	12	0.97	47	0.192	7.76	1.956	2.61	0.4	40.0	33	1.5	10.8	2.2	0.1	<1	8
1047191	Drill Core	2.20	0.135	11.7	10	0.98	44	0.211	8.56	1.884	2.65	0.5	40.1	30	1.7	10.5	2.3	0.1	2	9
1047192	Drill Core	2.29	0.133	9.6	10	0.87	115	0.168	7.47	1.939	2.30	0.3	43.9	27	1.5	9.7	2.4	0.2	2	7
1047193	Drill Core	2.03	0.103	23.2	13	0.86	588	0.111	8.52	0.912	2.55	0.6	73.9	45	1.8	9.5	2.6	0.1	1	7
1047194	Drill Core	2.00	0.083	10.7	14	0.94	268	0.059	8.37	1.363	2.57	0.5	20.7	23	1.6	7.2	1.3	<0.1	1	6
1047195	Drill Core	2.23	0.108	10.3	17	0.97	172	0.108	8.88	1.593	2.37	0.7	33.1	24	1.8	8.4	1.8	0.1	1	9
1047196	Drill Core	1.78	0.092	18.1	16	0.76	802	0.102	8.61	1.545	2.42	0.8	45.7	37	2.1	10.3	2.1	0.1	1	7
1047197	Drill Core	2.00	0.097	16.0	4	0.69	91	0.090	8.26	1.791	2.79	0.9	24.9	37	1.9	9.0	1.9	0.1	1	4
1047198	Drill Core	2.07	0.111	10.5	6	0.77	102	0.082	7.06	1.308	2.48	1.1	25.0	25	1.4	9.1	2.3	0.1	1	4
1047199	Drill Core	1.26	0.016	8.7	<1	0.31	191	0.035	6.44	0.049	3.17	0.8	47.8	18	0.6	8.5	13.5	1.4	2	1
1047200	Drill Core	2.25	0.097	16.4	11	0.80	168	0.108	7.25	0.069	3.54	1.8	36.0	36	1.5	10.2	2.8	0.1	1	5
1047201	Drill Core	2.16	0.104	14.9	11	0.94	168	0.089	8.62	0.668	3.14	0.7	37.1	33	1.5	9.5	1.8	0.1	1	6
1047202	Drill Core	1.57	0.112	18.7	15	0.69	70	0.078	8.28	0.210	3.30	1.4	54.0	41	2.7	9.4	1.3	<0.1	1	8
1047203	Drill Core	1.36	0.102	35.6	3	0.56	43	0.064	6.99	0.219	3.20	1.8	27.7	71	3.1	10.0	1.8	<0.1	<1	5
1047204	Rock Pulp	1.58	0.086	26.1	22	0.56	926	0.229	7.06	2.071	3.81	6.1	23.2	56	6.9	14.7	11.9	0.8	3	5
1047205	Drill Core	1.71	0.083	32.7	6	0.60	1298	0.070	8.14	0.152	3.54	1.4	29.4	60	2.1	9.7	1.9	0.1	1	4
1047206	Drill Core	1.88	0.095	29.8	3	0.69	1600	0.062	8.63	0.132	3.73	0.9	34.4	56	1.9	10.5	1.7	0.1	2	4
1047207	Drill Core	1.78	0.093	26.2	5	0.64	1476	0.069	8.50	0.166	3.44	1.1	29.2	50	2.1	10.2	2.8	0.1	<1	4
1047208	Drill Core	1.68	0.106	19.8	4	0.59	396	0.070	9.10	0.489	3.34	1.3	31.5	42	2.6	9.7	1.9	0.1	2	5
1047209	Drill Core	1.60	0.102	22.7	4	0.57	625	0.069	9.15	0.369	3.36	1.8	35.2	44	2.9	9.9	2.0	0.1	2	4
1047210	Drill Core	1.69	0.096	18.8	3	0.71	130	0.057	8.42	0.100	3.64	1.2	35.4	40	1.5	9.4	1.4	<0.1	2	3
1047211	Drill Core	1.85	0.101	28.9	4	0.74	764	0.061	8.76	1.141	3.17	0.8	37.0	55	1.2	9.8	1.5	0.1	1	4
1047212	Drill Core	2.14	0.097	21.2	4	0.63	178	0.079	8.66	0.995	3.32	1.0	36.4	45	1.8	9.9	1.7	0.1	1	4
1047213	Drill Core	2.16	0.100	25.4	5	0.69	1014	0.090	8.72	1.749	3.02	0.7	36.0	49	1.7	10.5	1.7	0.1	2	4
1047214	Drill Core	1.70	0.090	35.1	5	0.68	1406	0.114	8.53	1.102	3.09	0.6	42.6	64	1.2	10.9	1.5	0.1	1	4
1047215	Drill Core	1.48	0.080	20.3	4	0.59	312	0.061	7.69	1.636	2.39	0.6	33.5	39	1.2	8.0	2.0	0.1	1	4



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Project: Poplar Drilling
Report Date: December 21, 2011

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CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047186	Drill Core	2.6	84.1	1.1
1047187	Drill Core	2.2	76.8	0.8
1047188	Drill Core	3.9	77.2	0.6
1047189	Drill Core	>10	45.6	0.4
1047190	Drill Core	3.6	80.0	1.0
1047191	Drill Core	3.5	73.9	0.9
1047192	Drill Core	2.8	65.3	1.3
1047193	Drill Core	3.2	103.2	1.0
1047194	Drill Core	2.9	86.5	1.0
1047195	Drill Core	2.7	78.6	0.8
1047196	Drill Core	2.6	84.3	1.0
1047197	Drill Core	2.4	88.1	1.0
1047198	Drill Core	3.8	83.2	0.8
1047199	Drill Core	<0.1	140.2	2.7
1047200	Drill Core	2.8	131.0	1.0
1047201	Drill Core	3.5	100.6	1.1
1047202	Drill Core	4.1	122.3	1.3
1047203	Drill Core	5.6	99.7	0.9
1047204	Rock Pulp	0.3	121.4	1.0
1047205	Drill Core	2.7	122.2	1.3
1047206	Drill Core	2.3	122.1	1.2
1047207	Drill Core	2.3	118.3	1.1
1047208	Drill Core	3.6	109.7	1.0
1047209	Drill Core	2.9	115.6	1.1
1047210	Drill Core	2.9	129.5	1.1
1047211	Drill Core	2.6	121.6	1.1
1047212	Drill Core	2.9	100.3	1.3
1047213	Drill Core	2.8	105.4	1.3
1047214	Drill Core	2.7	116.6	1.5
1047215	Drill Core	2.3	79.7	1.0



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Poplar Drilling

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December 21, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047216	Drill Core	7.09	<0.005	78.0	895.9	9.3	39	0.6	4.4	17.2	897	2.69	99	2.1	<0.1	6.7	493	<0.1	2.7	<0.1
1047217	Drill Core	7.47	<0.005	109.2	1391	22.1	61	1.1	4.8	25.2	908	2.94	39	2.2	<0.1	6.9	626	0.1	3.4	0.1
1047218	Drill Core	7.52	<0.005	96.0	1062	133.4	419	3.1	5.9	22.0	1457	2.89	53	1.6	<0.1	5.3	441	2.6	22.6	0.1
1047219	Rock	0.85	<0.005	0.6	3.3	1.2	12	<0.1	1.7	0.5	222	0.47	6	0.6	<0.1	<0.1	50	<0.1	<0.1	<0.1
1047220	Drill Core	7.36	0.009	84.3	1205	405.5	1801	7.6	8.4	32.7	4444	4.19	128	1.6	<0.1	4.7	400	14.0	87.7	0.3
1047221	Drill Core	7.81	0.018	55.9	813.7	299.4	967	4.7	4.7	17.4	7395	3.49	94	1.7	<0.1	4.9	346	8.0	54.0	0.5
1047222	Drill Core	7.15	0.022	40.9	1672	27.8	80	2.4	4.5	35.3	1038	4.77	165	1.9	<0.1	5.4	315	0.3	5.0	0.2
1047223	Drill Core	6.72	0.012	31.9	965.7	16.1	69	0.8	9.8	23.6	747	4.01	118	1.9	<0.1	4.1	477	0.2	6.4	0.1
1047224	Drill Core	3.47	0.021	18.1	1046	116.6	351	1.6	10.0	18.7	882	4.16	122	1.9	<0.1	7.3	719	2.7	6.3	0.7
1047225	Drill Core	5.10	0.028	24.9	654.8	19.6	74	0.4	7.0	7.7	166	3.91	8	1.6	<0.1	6.3	344	0.2	1.1	1.4
1047226	Drill Core	5.79	0.032	35.3	1006	25.6	158	0.3	6.2	14.7	410	4.04	4	1.8	<0.1	5.6	224	0.8	1.2	0.7
1047227	Drill Core	6.23	0.034	24.3	759.6	33.9	124	0.3	5.4	11.0	957	3.58	2	1.5	<0.1	5.1	215	0.6	1.2	0.3
1047228	Drill Core	6.95	0.030	25.1	742.1	20.7	65	0.3	6.9	10.5	663	3.89	4	1.9	<0.1	5.6	400	0.1	0.8	0.3
1047229	Drill Core	6.48	0.041	14.0	886.2	31.8	104	0.4	6.6	10.0	768	4.02	5	2.0	<0.1	5.6	516	0.6	1.0	0.3
1047230	Drill Core	6.45	0.021	21.7	474.1	52.1	125	0.4	5.4	9.4	801	3.98	4	1.8	<0.1	5.4	398	0.7	1.1	0.2
1047231	Drill Core	5.98	0.021	20.0	654.7	59.1	217	0.6	6.0	10.4	1518	3.62	4	2.4	<0.1	5.6	157	1.2	1.0	0.2
1047232	Drill Core	5.79	<0.005	32.1	602.3	87.3	300	0.5	5.9	11.7	1264	3.59	2	2.4	<0.1	5.4	199	1.5	1.2	0.2
1047233	Drill Core	5.71	0.028	46.4	757.8	80.0	233	0.6	7.9	12.2	1818	4.24	3	2.2	<0.1	5.0	175	1.3	0.9	0.1
1047234	Drill Core	6.19	0.030	49.8	952.3	46.0	146	0.5	5.4	11.5	825	3.50	3	1.4	<0.1	5.1	329	0.7	0.8	0.2
1047235	Drill Core	5.28	0.031	47.5	1150	84.9	180	0.7	8.6	12.5	915	3.59	3	1.2	<0.1	5.0	362	0.8	0.7	0.1
1047236	Drill Core	4.86	0.030	46.8	1295	50.5	186	1.1	8.1	13.5	943	4.04	5	2.8	<0.1	5.7	292	1.1	3.2	0.4
1047237	Drill Core	7.25	<0.005	2.2	34.5	13.1	69	0.1	9.2	7.4	663	2.30	7	4.6	<0.1	9.6	334	0.2	1.0	0.2
1047238	Drill Core	6.75	0.006	1.7	20.1	5.8	31	<0.1	7.5	6.0	491	1.92	6	4.3	<0.1	8.7	399	<0.1	0.6	<0.1
1047239	Drill Core	5.73	<0.005	2.3	25.6	6.2	38	<0.1	9.2	6.9	528	2.11	5	4.0	<0.1	8.1	771	<0.1	0.7	0.1
1047240	Drill Core	3.73	<0.005	2.2	15.3	6.5	37	<0.1	8.7	7.3	530	2.08	5	4.2	<0.1	8.9	728	<0.1	0.6	0.1
1047241	Drill Core	6.91	<0.005	1.3	21.2	7.3	35	<0.1	8.2	5.9	549	2.05	4	4.3	<0.1	10.2	694	0.1	0.7	0.1
1047242	Drill Core	3.49	<0.005	1.1	79.1	8.7	39	0.1	7.4	6.5	697	1.88	5	4.2	<0.1	9.5	998	<0.1	0.8	0.3
1047243	Drill Core	4.05	<0.005	1.2	40.6	16.9	67	<0.1	6.6	4.9	957	1.84	6	3.8	<0.1	10.3	810	0.2	1.9	0.3
1047244	Drill Core	6.53	0.024	60.3	1309	187.3	435	4.7	65.3	16.5	1107	3.84	9	2.0	<0.1	3.9	267	2.8	10.5	0.4
1047245	Drill Core	7.04	0.018	73.1	1106	210.1	701	4.7	57.6	18.9	1138	4.03	21	1.1	<0.1	4.7	391	4.1	16.0	0.6



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Project: Poplar Drilling
Report Date: December 21, 2011

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CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047216	Drill Core	1.80	0.097	28.8	4	0.73	1035	0.077	8.61	2.048	2.66	0.4	37.3	52	1.3	10.7	2.0	0.1	1	4
1047217	Drill Core	2.00	0.091	33.6	5	0.76	1598	0.090	8.71	1.982	2.65	0.5	66.0	60	1.6	12.3	2.1	0.1	1	5
1047218	Drill Core	1.90	0.097	15.8	5	0.73	87	0.076	8.50	1.881	2.55	0.5	38.6	35	1.1	8.5	1.8	0.1	1	5
1047219	Rock	19.93	0.016	0.7	<1	12.30	17	0.002	0.05	0.005	0.02	<0.1	0.2	1	0.1	0.7	0.1	<0.1	<1	<1
1047220	Drill Core	1.71	0.119	14.4	7	0.62	84	0.091	7.94	1.211	2.91	1.7	38.4	32	1.6	10.0	1.9	0.1	1	6
1047221	Drill Core	1.64	0.106	8.8	9	0.72	165	0.088	8.14	0.775	3.20	1.7	36.6	19	1.3	9.3	1.8	0.1	2	5
1047222	Drill Core	1.52	0.110	6.4	6	0.57	84	0.088	8.15	3.523	1.95	0.4	37.0	15	1.1	8.6	1.9	0.1	1	4
1047223	Drill Core	2.06	0.110	8.0	21	1.01	80	0.171	7.02	2.395	1.91	0.5	54.4	19	1.5	10.2	2.5	0.2	2	7
1047224	Drill Core	2.35	0.105	13.1	22	1.05	63	0.163	7.67	2.428	1.89	0.6	51.2	26	1.6	9.5	2.3	0.2	1	8
1047225	Drill Core	0.20	0.130	19.4	12	0.37	72	0.079	8.23	1.014	2.69	0.5	23.5	39	4.8	7.7	1.4	0.1	<1	6
1047226	Drill Core	1.16	0.120	19.5	9	0.73	38	0.086	7.84	1.205	2.24	0.2	20.1	41	1.3	12.6	1.3	<0.1	2	6
1047227	Drill Core	3.15	0.115	15.1	9	0.99	71	0.104	7.31	0.556	1.80	0.2	20.7	31	1.1	9.8	1.4	<0.1	<1	6
1047228	Drill Core	3.22	0.137	19.2	11	1.24	145	0.135	7.74	0.172	1.99	0.3	21.1	38	1.8	11.0	1.9	0.1	2	7
1047229	Drill Core	3.49	0.124	19.2	11	1.00	136	0.149	7.86	0.262	1.84	0.5	20.1	38	1.5	9.8	2.3	0.1	2	6
1047230	Drill Core	2.49	0.137	18.9	9	0.88	47	0.152	7.97	0.924	1.98	0.1	24.3	38	1.7	9.9	2.6	0.2	1	7
1047231	Drill Core	2.13	0.130	18.4	10	1.03	59	0.148	7.98	0.891	2.45	0.3	21.3	38	1.6	9.8	2.3	0.1	2	7
1047232	Drill Core	2.04	0.122	15.5	10	1.00	63	0.155	7.65	1.415	2.54	0.1	19.5	32	1.2	9.5	2.3	0.1	<1	6
1047233	Drill Core	1.85	0.131	17.0	11	1.07	52	0.186	7.68	1.275	2.56	0.2	25.1	35	1.4	9.7	3.0	0.2	2	7
1047234	Drill Core	1.67	0.115	15.1	11	0.82	57	0.134	7.29	1.738	2.63	0.2	19.5	32	1.1	8.9	1.8	0.1	1	6
1047235	Drill Core	1.64	0.119	15.4	11	0.80	54	0.120	7.52	1.399	2.41	0.2	18.5	33	1.3	9.4	1.4	<0.1	2	5
1047236	Drill Core	1.70	0.127	17.9	12	0.92	48	0.105	7.41	1.148	2.62	0.3	22.7	37	1.8	9.9	1.6	<0.1	1	6
1047237	Drill Core	2.47	0.087	19.5	12	0.86	1026	0.219	6.98	0.904	3.37	1.4	89.4	36	0.7	9.5	10.0	0.8	2	5
1047238	Drill Core	2.68	0.084	16.8	11	0.91	1057	0.202	6.60	0.745	2.79	1.5	81.9	33	0.7	8.8	9.3	0.8	1	4
1047239	Drill Core	2.96	0.088	19.5	13	1.06	1087	0.226	6.76	0.631	3.29	1.6	86.3	37	0.7	8.7	9.3	0.7	2	5
1047240	Drill Core	2.92	0.090	20.3	12	1.04	1059	0.229	6.80	0.632	3.32	1.7	87.6	39	0.6	8.9	9.8	0.8	2	5
1047241	Drill Core	2.63	0.089	20.1	11	0.94	1031	0.216	7.06	0.565	2.98	1.2	86.0	39	0.6	9.4	9.8	0.8	1	5
1047242	Drill Core	3.02	0.081	19.4	11	1.05	1382	0.202	7.00	0.564	3.12	1.4	87.7	38	0.6	9.3	10.2	0.8	2	4
1047243	Drill Core	2.70	0.086	22.2	10	0.97	1110	0.220	7.14	0.190	2.67	1.3	89.7	41	0.6	9.1	10.5	0.8	2	5
1047244	Drill Core	1.30	0.043	15.7	70	0.59	44	0.126	9.20	0.945	3.86	0.5	15.9	33	3.0	5.8	1.6	<0.1	1	16
1047245	Drill Core	1.60	0.072	17.5	63	0.54	33	0.100	8.47	0.404	3.91	0.5	13.3	39	3.8	8.6	1.0	<0.1	<1	15



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CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047216	Drill Core	2.3	94.8	1.3
1047217	Drill Core	2.8	102.1	1.5
1047218	Drill Core	2.6	90.7	1.1
1047219	Rock	<0.1	0.8	<0.1
1047220	Drill Core	3.7	114.7	1.1
1047221	Drill Core	2.4	142.9	1.1
1047222	Drill Core	4.2	73.1	1.1
1047223	Drill Core	3.0	74.6	1.4
1047224	Drill Core	3.4	86.7	1.4
1047225	Drill Core	2.0	71.1	0.9
1047226	Drill Core	3.9	60.2	0.8
1047227	Drill Core	3.4	47.6	0.7
1047228	Drill Core	3.3	60.9	0.7
1047229	Drill Core	3.6	61.8	0.8
1047230	Drill Core	3.6	64.5	0.8
1047231	Drill Core	2.8	76.4	0.8
1047232	Drill Core	2.6	77.1	0.6
1047233	Drill Core	3.0	82.4	0.7
1047234	Drill Core	3.0	70.7	0.6
1047235	Drill Core	3.3	67.4	0.6
1047236	Drill Core	3.6	78.5	0.8
1047237	Drill Core	<0.1	108.0	2.9
1047238	Drill Core	<0.1	82.3	2.7
1047239	Drill Core	<0.1	93.5	2.8
1047240	Drill Core	<0.1	98.5	2.6
1047241	Drill Core	<0.1	95.8	2.9
1047242	Drill Core	0.2	95.9	2.9
1047243	Drill Core	0.2	89.1	3.1
1047244	Drill Core	4.1	89.7	0.5
1047245	Drill Core	5.2	89.2	0.5



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CERTIFICATE OF ANALYSIS

SMI11000711.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047246	Drill Core	7.83	0.031	95.1	1710	130.6	416	2.5	68.8	22.9	988	4.24	16	1.3	<0.1	3.6	354	2.1	6.4	0.4
1047247	Drill Core	3.74	0.041	115.5	1391	76.3	235	1.1	64.5	21.6	780	4.32	13	1.1	<0.1	3.2	303	1.4	3.0	0.3
1047248	Drill Core	2.88	0.029	62.6	1396	119.8	506	1.5	56.8	16.9	1000	3.41	7	1.2	<0.1	3.3	379	2.6	1.4	0.2
1047249	Drill Core	8.41	0.019	37.7	718.3	99.9	242	0.8	31.9	20.0	374	5.35	5	1.1	<0.1	4.1	368	1.4	1.3	0.2
1047250	Drill Core	6.81	0.042	56.6	1901	34.1	98	0.4	9.8	21.7	382	4.73	4	1.2	<0.1	4.7	354	0.4	0.8	0.2
1047251	Drill Core	7.43	0.031	34.9	1435	39.5	130	0.6	12.5	19.2	350	4.61	5	1.1	<0.1	4.3	351	0.6	2.9	0.2
1047252	Drill Core	4.97	0.054	58.0	2706	50.2	153	1.0	47.3	21.5	395	5.30	34	0.9	<0.1	3.4	215	0.8	6.1	0.5
1047253	Drill Core	3.25	0.063	40.2	2588	62.6	246	1.0	71.0	21.4	215	4.51	49	0.9	<0.1	4.1	350	1.6	17.9	0.7
1047254	Drill Core	6.32	0.021	50.7	1249	59.6	203	0.6	76.2	19.3	269	4.67	11	0.8	<0.1	3.9	247	1.1	1.1	0.6
1047255	Drill Core	2.35	0.038	40.9	1923	33.7	125	0.6	85.3	18.3	656	3.71	4	0.8	<0.1	2.8	343	0.7	0.5	0.2
1047256	Drill Core	7.09	0.056	50.1	2351	88.1	308	1.1	28.4	21.3	356	4.72	59	0.6	<0.1	3.5	268	1.7	13.2	0.6
1047257	Drill Core	7.86	0.047	46.1	2112	227.5	631	3.3	20.2	19.4	1196	5.04	54	0.9	<0.1	3.8	338	3.3	21.2	0.5
1047258	Drill Core	7.21	0.043	39.0	1646	177.7	1112	2.6	5.8	11.6	1072	3.75	27	0.8	<0.1	4.4	314	6.5	17.0	0.5
1047259	Rock Pulp	0.10	1.073	22.1	5032	5908	>10000	66.8	44.7	18.2	508	9.07	398	2.3	0.8	2.2	155	221.4	110.6	27.7
1047260	Drill Core	6.76	0.040	23.8	1257	93.8	293	1.1	5.4	12.9	697	4.16	16	0.6	<0.1	3.9	308	1.5	7.5	0.6
1047261	Drill Core	7.46	0.028	27.1	864.3	56.1	151	0.8	7.2	19.0	384	4.91	33	0.6	<0.1	3.5	450	0.9	7.2	0.7
1047262	Drill Core	7.13	0.041	22.7	1856	81.6	403	1.6	5.0	15.6	1123	4.25	18	0.8	<0.1	3.8	380	2.4	13.1	0.5
1047263	Drill Core	7.17	0.040	15.0	1848	63.4	275	1.0	5.2	16.4	1228	3.93	16	0.8	<0.1	4.4	412	1.3	9.7	0.5
1047264	Drill Core	6.42	0.055	11.1	2148	131.0	442	2.0	4.4	15.6	1442	3.55	39	0.7	<0.1	4.3	437	3.0	22.2	0.4
1047265	Drill Core	6.32	0.054	15.1	1913	43.8	109	0.9	5.1	14.2	1386	3.36	15	0.6	<0.1	4.1	382	0.4	3.1	0.3
1047266	Drill Core	6.03	0.067	14.5	2043	629.2	626	1.4	4.0	15.3	1475	3.66	27	0.7	<0.1	4.3	318	3.6	12.0	0.4
1047267	Drill Core	6.12	0.100	5.4	3440	299.6	228	0.8	10.1	16.8	1153	4.03	3	0.7	0.1	4.3	381	1.1	1.6	0.5
1047268	Drill Core	2.49	0.009	1.5	320.3	28.5	173	0.2	38.9	18.9	2078	4.88	5	1.5	<0.1	5.1	488	0.4	1.3	0.2
1047269	Drill Core	7.20	0.083	10.8	2797	327.3	1121	2.9	8.7	15.6	3073	3.76	62	0.8	0.1	4.7	567	6.0	25.2	0.8
1047270	Rock	0.99	<0.005	0.1	12.2	2.6	14	<0.1	0.7	0.5	247	<0.01	1	0.5	<0.1	<0.1	37	<0.1	0.1	<0.1
1047271	Drill Core	6.97	0.075	19.5	2265	95.9	387	1.2	5.0	13.4	1898	3.16	22	0.7	<0.1	4.4	350	2.1	5.1	0.8
1047272	Drill Core	3.79	0.053	24.4	1492	154.4	379	1.1	4.0	12.7	1497	3.30	22	1.3	<0.1	3.8	378	2.1	10.1	0.3
1047273	Drill Core	5.11	0.031	13.7	1104	129.7	207	1.0	3.2	7.2	3910	2.11	31	4.6	<0.1	8.2	325	1.0	8.5	0.6
1047274	Drill Core	7.02	<0.005	0.6	21.6	34.8	120	<0.1	1.6	2.4	2944	1.21	3	3.0	<0.1	12.4	313	0.4	1.2	0.2
1047275	Drill Core	6.25	<0.005	0.4	3.8	56.8	155	<0.1	3.2	2.2	2854	1.25	3	3.5	<0.1	13.1	311	0.6	1.0	<0.1



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Project: Poplar Drilling
Report Date: December 21, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047246	Drill Core	1.98	0.040	17.6	64	0.71	47	0.088	7.98	1.109	3.35	0.4	13.3	39	2.8	6.2	0.8	<0.1	2	14
1047247	Drill Core	1.64	0.034	13.9	48	0.68	43	0.081	7.93	1.508	3.68	0.2	13.4	30	2.3	5.0	0.8	<0.1	1	14
1047248	Drill Core	1.42	0.040	17.0	48	0.66	37	0.082	9.28	2.437	3.26	0.4	13.8	34	1.9	5.6	0.8	<0.1	<1	14
1047249	Drill Core	2.41	0.096	14.7	30	0.48	75	0.073	6.99	0.341	2.69	0.5	21.4	32	2.6	8.5	0.9	<0.1	<1	8
1047250	Drill Core	3.08	0.115	18.0	9	0.89	61	0.090	7.03	0.763	2.33	0.2	20.7	36	1.4	8.2	1.2	<0.1	1	6
1047251	Drill Core	2.57	0.112	16.4	15	0.83	71	0.112	7.09	0.914	2.40	0.3	21.1	34	1.9	8.9	1.7	<0.1	<1	6
1047252	Drill Core	1.67	0.070	13.4	56	0.67	53	0.086	6.63	0.402	2.36	0.3	13.4	28	2.0	6.2	1.2	<0.1	<1	10
1047253	Drill Core	1.49	0.053	14.5	53	0.59	31	0.083	8.30	1.107	3.31	0.3	12.1	32	3.3	6.3	0.8	<0.1	1	14
1047254	Drill Core	1.33	0.053	14.6	78	0.60	26	0.101	7.89	0.745	3.13	0.3	11.3	31	2.8	7.1	0.9	<0.1	<1	13
1047255	Drill Core	2.38	0.040	13.7	133	1.03	46	0.119	6.76	1.175	2.74	0.1	7.0	29	1.4	4.9	0.9	<0.1	2	14
1047256	Drill Core	1.88	0.055	9.1	9	0.47	44	0.056	6.35	0.611	2.08	0.4	9.4	19	2.9	4.6	1.1	<0.1	<1	4
1047257	Drill Core	2.52	0.072	10.7	31	0.82	33	0.063	6.79	0.294	2.23	0.3	14.8	23	2.5	6.4	0.9	<0.1	1	7
1047258	Drill Core	2.38	0.068	12.7	6	0.60	73	0.061	6.81	0.439	2.41	0.4	14.3	26	2.4	5.5	1.7	0.1	1	4
1047259	Rock Pulp	1.66	0.047	11.3	33	0.86	38	0.183	3.66	1.172	0.67	1.0	29.9	22	51.8	11.5	4.3	0.2	<1	7
1047260	Drill Core	2.35	0.066	11.2	4	0.49	30	0.064	6.47	0.347	1.98	0.4	14.3	22	2.9	6.2	1.6	0.1	<1	4
1047261	Drill Core	1.99	0.073	10.2	7	0.33	48	0.074	6.73	0.318	2.66	0.4	14.4	21	3.4	6.6	1.9	0.1	<1	3
1047262	Drill Core	2.03	0.081	14.7	5	0.64	37	0.063	6.39	0.409	2.36	0.3	14.4	29	2.1	5.9	1.6	<0.1	1	4
1047263	Drill Core	2.23	0.070	13.1	6	0.61	38	0.065	6.92	0.286	2.41	0.1	18.3	25	2.2	6.0	1.6	0.1	1	3
1047264	Drill Core	2.55	0.078	12.3	3	0.58	45	0.064	6.80	0.187	2.42	<0.1	14.4	24	1.7	5.9	1.4	<0.1	<1	4
1047265	Drill Core	2.78	0.087	10.1	8	0.84	49	0.097	6.68	0.568	2.16	<0.1	12.4	20	1.4	6.0	2.1	0.1	<1	4
1047266	Drill Core	2.07	0.074	13.8	4	0.67	37	0.086	6.68	0.549	2.40	0.3	14.7	26	1.8	6.1	2.3	0.2	1	5
1047267	Drill Core	2.29	0.097	11.0	11	0.71	36	0.103	6.70	0.957	2.20	0.2	12.5	24	2.1	6.6	2.6	0.2	<1	6
1047268	Drill Core	4.38	0.204	30.9	86	2.20	220	0.550	7.79	0.974	2.27	0.5	153.6	66	1.3	17.3	9.2	0.4	2	17
1047269	Drill Core	2.42	0.081	12.6	9	0.68	37	0.102	6.77	0.145	2.59	0.3	13.0	27	2.1	7.1	2.3	0.1	<1	5
1047270	Rock	17.81	0.016	0.7	<1	13.19	14	0.002	0.05	0.003	0.02	<0.1	<0.1	1	<0.1	0.7	<0.1	<0.1	<1	<1
1047271	Drill Core	2.58	0.073	12.2	7	0.54	59	0.096	6.61	0.843	2.60	0.8	13.4	27	1.8	6.3	2.8	0.2	1	5
1047272	Drill Core	2.33	0.070	11.6	6	0.60	57	0.109	6.55	1.086	2.58	0.2	14.6	27	1.7	7.0	3.1	0.2	<1	5
1047273	Drill Core	2.49	0.080	16.5	7	0.66	198	0.107	6.88	0.108	3.48	0.9	27.8	34	1.0	8.9	6.3	0.6	1	4
1047274	Drill Core	2.08	0.070	18.7	4	0.46	1200	0.077	6.14	0.086	3.81	1.1	40.0	35	0.4	8.6	8.5	0.9	1	3
1047275	Drill Core	1.88	0.073	20.2	5	0.43	972	0.081	6.59	0.075	3.48	1.1	44.0	37	0.5	8.5	8.9	0.9	2	3



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Project: Poplar Drilling
Report Date: December 21, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047246	Drill Core	5.6	74.7	0.4
1047247	Drill Core	5.3	74.2	0.4
1047248	Drill Core	4.2	74.9	0.3
1047249	Drill Core	7.3	64.1	0.7
1047250	Drill Core	6.0	63.3	0.7
1047251	Drill Core	5.3	60.1	0.7
1047252	Drill Core	6.2	60.8	0.4
1047253	Drill Core	5.5	76.0	0.4
1047254	Drill Core	5.6	75.7	0.3
1047255	Drill Core	4.3	71.2	0.2
1047256	Drill Core	6.2	57.8	0.3
1047257	Drill Core	6.4	64.7	0.4
1047258	Drill Core	5.2	69.8	0.4
1047259	Rock Pulp	8.9	21.3	0.9
1047260	Drill Core	5.5	52.8	0.4
1047261	Drill Core	6.4	58.0	0.4
1047262	Drill Core	5.1	60.5	0.5
1047263	Drill Core	4.8	61.2	0.5
1047264	Drill Core	4.8	64.4	0.4
1047265	Drill Core	4.1	57.8	0.4
1047266	Drill Core	4.2	77.0	0.5
1047267	Drill Core	4.2	76.9	0.4
1047268	Drill Core	0.8	63.1	3.4
1047269	Drill Core	4.3	91.4	0.3
1047270	Rock	<0.1	0.7	<0.1
1047271	Drill Core	3.8	87.1	0.4
1047272	Drill Core	3.7	76.7	0.4
1047273	Drill Core	1.5	140.7	1.2
1047274	Drill Core	0.4	160.4	1.7
1047275	Drill Core	0.3	150.8	1.9

QUALITY CONTROL REPORT

SMI11000711.1

		Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
REP G1	QC	<0.005																			
1047161	Drill Core	7.81	0.096	17.3	3424	12.2	53	1.0	20.1	13.8	282	3.88	3	0.9	<0.1	3.7	718	0.3	<0.1	0.1	99
REP 1047161	QC	18.4 3399 12.0 55 1.1 20.9 14.4 285 3.90 2 0.9 <0.1 4.1 726 0.3 <0.1 0.1 99																			
1047176	Drill Core	7.06	0.051	25.7	1708	97.3	291	2.7	16.3	13.5	1287	4.21	266	0.6	<0.1	3.8	447	1.5	43.2	0.1	103
REP 1047176	QC	0.054																			
1047232	Drill Core	5.79	<0.005	32.1	602.3	87.3	300	0.5	5.9	11.7	1264	3.59	2	2.4	<0.1	5.4	199	1.5	1.2	0.2	60
REP 1047232	QC	0.010																			
1047233	Drill Core	5.71	0.028	46.4	757.8	80.0	233	0.6	7.9	12.2	1818	4.24	3	2.2	<0.1	5.0	175	1.3	0.9	0.1	73
REP 1047233	QC	0.026																			
1047237	Drill Core	7.25	<0.005	2.2	34.5	13.1	69	0.1	9.2	7.4	663	2.30	7	4.6	<0.1	9.6	334	0.2	1.0	0.2	51
REP 1047237	QC	<0.005																			
1047243	Drill Core	4.05	<0.005	1.2	40.6	16.9	67	<0.1	6.6	4.9	957	1.84	6	3.8	<0.1	10.3	810	0.2	1.9	0.3	50
REP 1047243	QC	1.2 39.2 16.7 68 0.2 6.0 5.5 947 1.83 6 4.0 <0.1 10.6 802 0.1 1.9 0.3 49																			
1047269	Drill Core	7.20	0.083	10.8	2797	327.3	1121	2.9	8.7	15.6	3073	3.76	62	0.8	0.1	4.7	567	6.0	25.2	0.8	44
REP 1047269	QC	12.3 2675 321.7 1112 3.1 7.1 15.3 2916 3.58 58 0.8 <0.1 4.4 534 6.1 24.1 0.8 44																			
Core Reject Duplicates																					
1047172	Drill Core	6.22	0.030	7.3	1191	27.7	160	1.6	23.8	14.6	984	4.20	251	1.1	<0.1	3.9	602	1.1	107.5	0.1	123
DUP 1047172	QC	0.029 7.2 1139 27.3 152 1.5 23.0 14.8 984 4.08 237 1.0 <0.1 3.9 589 0.8 100.3 0.1 122																			
1047207	Drill Core	6.68	0.008	68.7	850.3	179.8	372	2.0	3.6	11.4	1510	2.71	178	1.8	<0.1	6.1	607	2.0	21.2	0.2	43
DUP 1047207	QC	0.010 81.4 850.7 187.2 364 2.0 3.7 11.4 1521 2.66 168 1.8 <0.1 6.3 597 2.3 20.1 0.2 43																			
1047242	Drill Core	3.49	<0.005	1.1	79.1	8.7	39	0.1	7.4	6.5	697	1.88	5	4.2	<0.1	9.5	998	<0.1	0.8	0.3	50
DUP 1047242	QC	<0.005 1.0 75.5 8.8 39 0.2 8.6 6.3 693 1.98 5 4.3 <0.1 10.0 1034 <0.1 0.7 0.3 50																			
Reference Materials																					
STD OREAS24P	Standard	1.3 52.1 3.3 118 0.2 144.1 46.7 1141 7.62 3 1.2 <0.1 3.2 392 0.1 0.1 <0.1 152																			
STD OREAS24P	Standard	1.5 45.3 3.1 109 <0.1 135.9 42.8 1055 7.24 3 0.8 <0.1 3.1 380 0.2 <0.1 <0.1 158																			
STD OREAS24P	Standard	1.9 48.4 3.3 110 <0.1 129.2 41.3 1039 7.03 4 0.7 <0.1 3.0 386 <0.1 0.1 <0.1 160																			
STD OREAS24P	Standard	1.7 47.1 3.0 118 <0.1 132.9 42.1 958 7.14 6 0.7 <0.1 3.4 353 0.1 <0.1 <0.1 155																			
STD OREAS24P	Standard	1.5 49.1 3.0 116 0.2 143.9 48.8 1118 7.35 4 0.7 <0.1 2.9 389 0.2 <0.1 0.2 169																			



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC																				
1047161	Drill Core	2.35	0.143	11.5	29	1.36	150	0.248	7.24	2.216	1.80	0.2	18.0	26	2.0	10.3	4.1	0.2	<1	9	28.1
REP 1047161	QC	2.37	0.143	12.0	30	1.36	124	0.261	7.29	2.214	1.82	0.2	17.2	27	1.9	10.4	4.2	0.2	1	10	16.3
1047176	Drill Core	2.79	0.149	10.9	21	1.10	100	0.247	7.51	0.841	2.49	0.7	10.9	28	1.4	9.8	5.9	0.3	2	8	210.1
REP 1047176	QC																				
1047232	Drill Core	2.04	0.122	15.5	10	1.00	63	0.155	7.65	1.415	2.54	0.1	19.5	32	1.2	9.5	2.3	0.1	<1	6	6.6
REP 1047232	QC																				
1047233	Drill Core	1.85	0.131	17.0	11	1.07	52	0.186	7.68	1.275	2.56	0.2	25.1	35	1.4	9.7	3.0	0.2	2	7	7.5
REP 1047233	QC																				
1047237	Drill Core	2.47	0.087	19.5	12	0.86	1026	0.219	6.98	0.904	3.37	1.4	89.4	36	0.7	9.5	10.0	0.8	2	5	15.3
REP 1047237	QC																				
1047243	Drill Core	2.70	0.086	22.2	10	0.97	1110	0.220	7.14	0.190	2.67	1.3	89.7	41	0.6	9.1	10.5	0.8	2	5	22.9
REP 1047243	QC	2.69	0.089	23.1	10	0.98	1092	0.219	7.05	0.186	2.63	1.2	87.6	42	0.6	8.8	10.2	0.8	1	5	23.2
1047269	Drill Core	2.42	0.081	12.6	9	0.68	37	0.102	6.77	0.145	2.59	0.3	13.0	27	2.1	7.1	2.3	0.1	<1	5	9.0
REP 1047269	QC	2.34	0.079	12.1	9	0.66	43	0.088	6.32	0.136	2.52	2.4	12.1	26	2.0	6.5	2.0	0.1	<1	5	8.5
Core Reject Duplicates																					
1047172	Drill Core	2.50	0.129	13.4	40	1.15	118	0.178	8.26	0.834	2.90	0.4	20.3	33	1.3	9.9	3.2	0.2	2	11	364.0
DUP 1047172	QC	2.45	0.126	13.8	40	1.13	106	0.177	8.16	0.840	2.86	0.4	19.6	33	1.4	9.9	3.2	0.2	2	11	351.9
1047207	Drill Core	1.78	0.093	26.2	5	0.64	1476	0.069	8.50	0.166	3.44	1.1	29.2	50	2.1	10.2	2.8	0.1	<1	4	26.5
DUP 1047207	QC	1.82	0.094	26.3	5	0.65	1487	0.067	8.58	0.168	3.47	1.2	34.9	49	2.0	10.1	2.8	0.1	1	4	25.5
1047242	Drill Core	3.02	0.081	19.4	11	1.05	1382	0.202	7.00	0.564	3.12	1.4	87.7	38	0.6	9.3	10.2	0.8	2	4	17.8
DUP 1047242	QC	2.86	0.082	20.6	11	1.03	1385	0.200	7.06	0.555	3.04	1.3	85.8	38	0.5	9.4	10.0	0.8	1	5	16.6
Reference Materials																					
STD OREAS24P	Standard	5.94	0.137	20.5	202	4.15	306	1.093	7.86	2.491	0.69	0.3	136.2	39	1.5	23.1	19.8	1.1	<1	21	8.1
STD OREAS24P	Standard	5.39	0.133	18.2	193	4.04	287	1.014	7.78	2.562	0.66	0.4	132.0	38	1.8	23.5	19.8	1.1	<1	19	8.3
STD OREAS24P	Standard	5.36	0.133	17.8	179	4.04	295	1.045	7.71	2.544	0.66	0.3	132.0	38	1.7	23.1	19.0	1.1	<1	19	8.3
STD OREAS24P	Standard	5.89	0.136	19.0	195	4.12	287	0.994	7.73	2.484	0.66	0.4	127.1	36	1.7	21.1	18.5	1.0	<1	20	8.8
STD OREAS24P	Standard	5.84	0.136	19.3	195	4.05	280	1.101	7.78	2.446	0.69	0.5	132.3	40	1.6	23.6	19.0	1.1	<1	20	8.4



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QUALITY CONTROL REPORT

SMI11000711.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
REP G1	QC			
1047161	Drill Core	2.7	67.5	0.4
REP 1047161	QC	2.7	70.5	0.5
1047176	Drill Core	2.3	67.2	0.5
REP 1047176	QC			
1047232	Drill Core	2.6	77.1	0.6
REP 1047232	QC			
1047233	Drill Core	3.0	82.4	0.7
REP 1047233	QC			
1047237	Drill Core	<0.1	108.0	2.9
REP 1047237	QC			
1047243	Drill Core	0.2	89.1	3.1
REP 1047243	QC	0.2	92.4	2.9
1047269	Drill Core	4.3	91.4	0.3
REP 1047269	QC	4.2	86.5	0.4
Core Reject Duplicates				
1047172	Drill Core	3.4	88.4	0.6
DUP 1047172	QC	3.3	87.4	0.6
1047207	Drill Core	2.3	118.3	1.1
DUP 1047207	QC	2.3	117.7	1.2
1047242	Drill Core	0.2	95.9	2.9
DUP 1047242	QC	0.2	100.5	2.7
Reference Materials				
STD OREAS24P	Standard	<0.1	21.6	3.6
STD OREAS24P	Standard	<0.1	21.8	3.4
STD OREAS24P	Standard	<0.1	20.7	3.3
STD OREAS24P	Standard	<0.1	21.6	3.2
STD OREAS24P	Standard	<0.1	23.4	3.4



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QUALITY CONTROL REPORT

SMI11000711.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS24P	Standard			1.5	46.3	2.9	105	<0.1	145.6	44.9	1050	7.71	2	0.7	<0.1	3.0	411	0.2	0.2	<0.1	156
STD OREAS45C	Standard			2.2	593.8	24.2	88	0.4	309.8	95.7	1131	17.23	12	2.3	<0.1	10.1	39	0.2	0.8	0.3	245
STD OREAS45C	Standard			2.2	619.9	28.6	80	0.3	330.8	99.1	1117	18.03	12	2.6	<0.1	12.1	45	<0.1	0.6	0.3	262
STD OREAS45C	Standard			2.8	639.2	27.6	82	0.4	338.5	97.7	1136	17.94	12	2.6	<0.1	11.9	42	0.2	0.9	0.3	259
STD OREAS45C	Standard			2.5	632.2	26.2	88	0.3	326.4	102.9	1014	18.56	14	2.6	<0.1	12.2	37	0.2	0.8	0.2	269
STD OREAS45C	Standard			2.0	613.3	24.5	74	0.4	323.0	104.8	1162	16.57	10	2.4	<0.1	10.6	38	0.2	0.7	0.3	267
STD OREAS45C	Standard			2.6	634.6	26.9	80	0.1	322.2	111.5	1151	22.09	12	2.6	<0.1	11.4	40	<0.1	1.0	0.3	264
STD OXH82	Standard		1.347																		
STD OXH82	Standard		1.343																		
STD OXH82	Standard		1.338																		
STD OXH82	Standard		1.277																		
STD OXH82	Standard		1.303																		
STD OXK79	Standard		3.661																		
STD OXK79	Standard		3.739																		
STD OXK79	Standard		3.657																		
STD OXK79	Standard		3.843																		
STD OXK79	Standard		3.854																		
STD OXK79	Standard		3.779																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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QUALITY CONTROL REPORT

SMI11000711.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.61	0.125	18.8	187	4.04	279	1.086	7.89	2.541	0.66	0.5	134.3	38	1.7	20.6	19.2	1.1	<1	22	8.5
STD OREAS45C	Standard	0.46	0.054	27.3	910	0.22	274	1.148	7.18	0.104	0.34	0.8	163.1	51	2.9	13.0	22.2	1.4	1	57	15.2
STD OREAS45C	Standard	0.48	0.051	27.1	922	0.25	299	1.147	7.46	0.098	0.36	1.1	169.9	55	3.1	14.2	23.6	1.5	<1	60	17.2
STD OREAS45C	Standard	0.48	0.054	27.6	885	0.25	307	1.136	7.46	0.098	0.37	1.1	174.0	55	3.1	14.2	22.6	1.5	<1	60	17.3
STD OREAS45C	Standard	0.50	0.051	28.6	947	0.27	310	1.129	7.40	0.111	0.36	1.1	168.9	54	2.8	12.6	22.9	1.5	<1	60	15.9
STD OREAS45C	Standard	0.46	0.050	24.1	879	0.26	273	1.192	7.19	0.108	0.32	1.0	158.4	49	3.0	13.3	21.0	1.4	2	61	15.1
STD OREAS45C	Standard	0.52	0.056	28.5	980	0.30	306	1.250	7.89	0.119	0.38	1.1	182.9	57	2.9	13.4	24.3	1.6	<1	66	17.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Report Date: December 21, 2011

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QUALITY CONTROL REPORT

SMI11000711.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	22.0	3.5
STD OREAS45C	Standard	<0.1	24.2	4.0
STD OREAS45C	Standard	<0.1	24.3	4.3
STD OREAS45C	Standard	<0.1	24.9	4.4
STD OREAS45C	Standard	<0.1	24.3	4.5
STD OREAS45C	Standard	<0.1	23.2	4.0
STD OREAS45C	Standard	<0.1	25.5	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000711.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank			0.4	5.5	21.7	55	<0.1	3.1	4.6	793	2.51	2	4.0	<0.1	10.4	793	0.1	<0.1	0.1
G1	Prep Blank		<0.005	0.3	3.3	21.5	52	<0.1	2.7	4.1	765	2.33	2	3.0	<0.1	11.0	783	0.1	<0.1	<0.1
G1	Prep Blank		<0.005																	48



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QUALITY CONTROL REPORT

SMI11000711.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.34	0.078	27.9	6	0.57	1213	0.256	7.91	2.888	2.91	0.2	12.1	60	1.7	16.8	27.1	1.6	4	5	35.7
G1	Prep Blank	2.32	0.078	30.0	4	0.57	1204	0.252	7.80	2.885	2.67	0.1	11.2	64	1.6	17.1	26.6	1.5	3	5	36.4
G1	Prep Blank																				



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Report Date: December 21, 2011

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QUALITY CONTROL REPORT

SMI11000711.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	104.7	0.6
G1	Prep Blank	<0.1	99.6	0.6
G1	Prep Blank			



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 11, 2011
Report Date: December 19, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000713.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_22_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	117	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

Poplar Drilling

Report Date:

December 19, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000713.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047276	Drill Core	7.41	<0.005	0.5	15.0	54.9	284	0.6	2.9	2.1	2466	1.35	3	2.7	<0.1	11.4	313	1.4	0.9	0.3
1047277	Drill Core	6.95	<0.005	0.4	5.2	55.6	205	0.2	2.4	2.5	2538	1.28	2	1.9	<0.1	11.6	311	0.5	0.9	0.1
1047278	Drill Core	7.10	<0.005	0.5	7.8	45.2	169	0.2	3.0	2.1	3173	1.50	2	2.4	<0.1	11.9	262	0.6	0.8	0.1
1047279	Drill Core	6.80	<0.005	0.3	17.1	62.5	260	1.0	2.4	1.9	3109	1.21	2	2.9	<0.1	11.7	275	0.8	1.2	0.2
1047280	Drill Core	6.97	<0.005	1.1	13.0	80.4	391	0.5	2.7	1.8	3540	1.48	6	4.9	<0.1	11.6	255	2.0	1.2	0.2
1047281	Drill Core	6.93	<0.005	1.1	5.2	44.0	248	0.3	2.6	2.3	2517	1.31	6	4.9	<0.1	11.6	240	0.6	1.3	<0.1
1047282	Drill Core	6.73	<0.005	0.5	2.6	40.0	268	0.5	2.6	1.8	1613	1.35	3	4.2	<0.1	11.4	256	0.9	1.0	<0.1
1047283	Drill Core	7.72	<0.005	0.6	2.7	86.7	250	0.4	2.9	2.1	2276	1.29	5	4.6	<0.1	12.0	312	0.8	1.3	<0.1
1047284	Drill Core	6.42	<0.005	0.7	4.7	91.6	250	0.3	2.7	1.9	2817	1.23	17	4.6	<0.1	10.5	290	0.6	1.7	<0.1
1047285	Drill Core	3.44	<0.005	0.7	5.6	158.2	261	0.5	3.8	2.4	2935	1.42	11	4.9	<0.1	11.2	291	1.0	1.6	<0.1
1047286	Drill Core	7.10	<0.005	0.4	5.2	54.9	233	0.2	2.8	2.2	2726	1.25	8	6.6	<0.1	11.7	238	0.6	1.5	<0.1
1047287	Drill Core	7.25	0.005	0.8	6.7	43.4	294	0.2	2.9	2.2	3509	1.47	6	5.4	<0.1	10.0	257	1.0	1.8	<0.1
1047288	Drill Core	6.30	0.014	1.5	23.8	194.7	531	0.9	2.6	2.1	4874	1.34	10	6.5	<0.1	11.0	308	2.8	3.6	<0.1
1047289	Drill Core	1.47	0.129	13.9	3303	242.4	897	6.6	5.5	7.0	3160	3.16	166	2.1	0.1	4.4	245	3.9	65.8	0.5
1047290	Drill Core	7.19	0.010	1.7	27.0	197.1	583	0.5	2.7	2.3	3663	1.25	9	8.3	<0.1	10.4	372	3.0	2.8	<0.1
1047291	Drill Core	4.61	<0.005	0.4	4.3	32.6	190	<0.1	2.7	2.3	2498	1.55	4	3.5	<0.1	9.6	297	0.3	1.7	<0.1
1047292	Drill Core	4.78	0.019	16.3	517.8	11.1	18	0.2	6.0	9.1	40	3.49	1	1.1	<0.1	4.0	274	<0.1	0.5	<0.1
1047293	Drill Core	4.95	0.021	35.9	1976	17.9	48	0.3	9.6	13.2	32	4.59	<1	1.1	<0.1	3.5	304	<0.1	0.4	<0.1
1047294	Drill Core	4.60	0.020	85.3	2023	14.4	40	0.1	11.4	17.9	23	4.66	1	1.2	<0.1	2.8	303	<0.1	0.4	0.1
1047295	Drill Core	4.27	0.053	14.7	2745	16.4	68	0.4	14.8	17.5	29	4.26	2	1.0	<0.1	2.9	329	<0.1	0.6	0.1
1047296	Drill Core	3.16	0.028	38.2	2173	45.7	288	2.2	14.0	20.1	634	4.65	<1	0.8	<0.1	3.1	250	1.3	5.8	0.3
1047297	Drill Core	5.72	0.021	46.0	1068	48.0	138	1.0	10.0	22.2	619	4.83	<1	1.0	<0.1	2.6	220	0.9	1.1	<0.1
1047298	Drill Core	5.68	0.023	36.5	603.9	161.0	532	1.8	6.2	20.3	323	5.02	<1	0.8	<0.1	2.5	252	2.6	1.7	0.4
1047299	Drill Core	2.52	0.029	37.7	867.6	18.1	26	0.1	7.6	19.7	182	4.13	3	0.8	<0.1	2.9	279	<0.1	0.8	0.2
1047300	Drill Core	3.04	0.041	30.7	1575	14.1	32	0.2	9.1	20.9	199	3.92	3	1.0	<0.1	3.5	287	<0.1	0.8	<0.1
1047301	Drill Core	5.57	0.039	60.1	1250	86.6	685	6.0	7.1	18.5	487	4.13	3	0.9	<0.1	3.5	307	3.4	17.7	0.2
1047302	Drill Core	6.68	0.023	48.6	851.6	64.8	401	2.5	4.9	15.4	721	3.48	2	0.7	<0.1	3.6	380	1.6	7.6	0.2
1047303	Rock Pulp	0.07	0.891	24.3	5335	6379	>10000	73.0	50.1	20.2	577	9.15	175	2.1	0.9	2.5	192	245.6	121.0	26.6
1047304	Drill Core	6.99	0.030	73.2	690.9	53.8	303	1.4	4.7	14.8	950	3.26	3	0.7	<0.1	3.3	474	0.9	4.8	0.1
1047305	Drill Core	7.24	0.028	49.5	911.4	132.8	466	7.5	4.4	16.1	904	3.65	2	0.7	<0.1	3.0	505	2.2	8.5	0.3



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000713.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047276	Drill Core	1.95	0.066	17.1	7	0.42	1055	0.071	6.30	0.096	4.37	0.9	43.3	38	0.6	9.1	8.8	0.9	1	2
1047277	Drill Core	1.94	0.070	18.0	6	0.41	1035	0.068	6.47	0.074	4.37	0.7	42.9	39	0.6	9.0	8.6	0.9	1	2
1047278	Drill Core	1.85	0.068	18.3	7	0.41	1116	0.076	6.62	0.073	4.37	1.0	46.6	39	0.6	9.5	9.1	0.9	2	2
1047279	Drill Core	1.81	0.077	18.4	6	0.42	1143	0.077	6.56	0.072	4.14	0.8	46.9	40	0.5	9.2	8.9	0.9	2	2
1047280	Drill Core	1.85	0.072	18.0	7	0.50	1151	0.073	6.32	0.048	3.23	1.0	44.0	37	0.7	9.1	8.5	0.9	1	2
1047281	Drill Core	1.60	0.075	16.5	6	0.43	993	0.072	6.56	0.048	3.08	1.3	45.8	37	0.6	8.4	9.4	0.9	1	2
1047282	Drill Core	1.50	0.073	15.8	9	0.40	927	0.077	6.44	0.045	2.97	1.1	45.9	35	0.5	8.4	9.2	1.0	1	2
1047283	Drill Core	1.52	0.076	18.9	6	0.43	1028	0.075	6.53	0.041	2.89	0.9	45.1	40	0.5	8.7	9.3	0.9	2	2
1047284	Drill Core	1.63	0.071	14.8	6	0.43	1070	0.075	6.12	0.042	2.95	1.0	45.5	33	0.5	8.4	9.3	0.9	1	2
1047285	Drill Core	1.65	0.075	16.2	7	0.43	1069	0.078	6.43	0.059	3.04	1.1	46.9	34	0.5	8.9	9.4	1.0	1	2
1047286	Drill Core	1.63	0.069	17.6	6	0.47	1054	0.078	6.36	0.042	2.93	1.3	45.1	36	0.4	8.9	9.4	0.9	1	2
1047287	Drill Core	1.72	0.069	13.8	7	0.45	1168	0.072	6.12	0.044	3.12	1.2	44.0	30	0.4	8.4	8.9	0.9	2	2
1047288	Drill Core	1.61	0.072	15.7	6	0.41	1123	0.072	6.34	0.047	3.17	1.5	45.7	34	0.4	8.9	9.0	0.9	1	2
1047289	Drill Core	1.83	0.094	12.2	7	0.58	46	0.114	7.15	0.073	2.75	0.7	13.6	30	2.0	7.4	3.9	0.2	1	5
1047290	Drill Core	1.78	0.069	14.5	6	0.42	1339	0.074	6.03	0.037	2.65	1.2	44.3	33	0.4	8.4	9.2	0.9	2	2
1047291	Drill Core	2.08	0.069	12.6	8	0.52	1029	0.069	6.01	0.041	2.98	1.0	44.6	29	0.4	7.9	8.8	0.9	2	2
1047292	Drill Core	0.24	0.100	11.6	9	0.68	95	0.059	7.96	1.568	2.32	0.7	15.7	30	1.6	4.7	1.1	<0.1	<1	6
1047293	Drill Core	0.30	0.154	11.6	11	0.57	51	0.055	7.95	1.300	2.48	0.8	13.9	32	1.5	8.8	1.0	<0.1	1	6
1047294	Drill Core	0.28	0.139	10.2	11	0.44	50	0.067	7.87	1.214	2.57	1.0	14.6	30	1.9	8.4	1.4	<0.1	1	5
1047295	Drill Core	0.27	0.142	9.2	13	0.40	39	0.058	7.45	1.747	2.59	0.7	14.4	25	1.5	7.7	1.0	<0.1	<1	7
1047296	Drill Core	0.21	0.096	8.6	11	0.51	55	0.080	7.44	0.374	3.47	1.4	11.9	24	1.8	10.1	1.7	0.1	2	6
1047297	Drill Core	0.88	0.119	12.5	11	0.71	38	0.067	6.96	0.983	2.89	1.0	11.9	34	2.1	14.9	1.6	<0.1	1	5
1047298	Drill Core	0.61	0.072	9.6	10	0.52	36	0.063	6.42	0.904	2.68	0.9	13.7	27	2.1	9.8	1.8	<0.1	1	3
1047299	Drill Core	0.76	0.089	10.2	8	0.69	31	0.068	6.31	1.126	2.78	1.0	14.7	28	1.9	10.1	1.6	<0.1	<1	4
1047300	Drill Core	1.02	0.105	13.0	7	0.81	32	0.065	7.06	1.855	2.27	0.6	15.8	35	1.2	11.4	1.3	<0.1	2	5
1047301	Drill Core	0.94	0.096	11.7	9	0.75	32	0.064	6.70	1.339	2.49	0.7	16.6	30	1.0	9.0	1.3	<0.1	2	4
1047302	Drill Core	2.23	0.080	12.7	3	0.64	47	0.056	6.81	1.222	2.45	0.7	14.8	31	1.3	7.3	1.3	<0.1	2	3
1047303	Rock Pulp	1.80	0.054	12.0	29	0.90	243	0.184	3.88	1.334	0.72	1.3	36.8	28	54.2	11.6	4.5	0.2	<1	7
1047304	Drill Core	3.16	0.070	14.7	6	0.66	68	0.052	6.46	0.847	2.25	0.6	14.7	34	1.0	7.3	1.5	<0.1	1	3
1047305	Drill Core	2.42	0.074	10.1	3	0.62	71	0.045	6.28	0.653	2.29	0.5	13.6	25	0.9	6.0	1.2	<0.1	1	3



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000713.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047276	Drill Core	0.4	193.9	2.0
1047277	Drill Core	0.4	191.9	2.2
1047278	Drill Core	0.3	202.0	2.1
1047279	Drill Core	0.3	193.9	2.1
1047280	Drill Core	0.2	168.1	2.2
1047281	Drill Core	0.1	155.7	2.4
1047282	Drill Core	<0.1	138.9	2.1
1047283	Drill Core	<0.1	141.5	2.3
1047284	Drill Core	0.1	131.9	2.3
1047285	Drill Core	0.1	141.0	2.2
1047286	Drill Core	0.2	150.3	2.1
1047287	Drill Core	0.2	135.0	2.0
1047288	Drill Core	0.2	145.0	2.1
1047289	Drill Core	2.8	93.1	0.6
1047290	Drill Core	0.3	129.5	2.0
1047291	Drill Core	0.2	130.4	2.2
1047292	Drill Core	3.1	66.2	0.5
1047293	Drill Core	4.2	76.8	0.5
1047294	Drill Core	4.6	67.4	0.5
1047295	Drill Core	3.9	71.7	0.4
1047296	Drill Core	4.4	97.0	0.4
1047297	Drill Core	4.5	77.7	0.4
1047298	Drill Core	5.1	65.9	0.4
1047299	Drill Core	4.0	66.3	0.5
1047300	Drill Core	3.8	56.3	0.6
1047301	Drill Core	3.9	65.3	0.6
1047302	Drill Core	4.3	64.4	0.5
1047303	Rock Pulp	9.3	25.9	1.0
1047304	Drill Core	4.8	60.0	0.5
1047305	Drill Core	4.5	62.8	0.4



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CERTIFICATE OF ANALYSIS

SMI11000713.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047306	Drill Core	6.99	0.038	48.8	1238	19.5	74	1.5	5.4	20.7	572	4.07	1	0.8	<0.1	3.3	497	<0.1	3.2	<0.1
1047307	Drill Core	7.14	0.041	34.7	1183	28.0	127	0.4	6.9	21.3	573	4.45	<1	1.1	<0.1	3.1	437	<0.1	0.5	0.1
1047308	Drill Core	7.10	0.034	28.3	996.0	59.2	332	0.8	5.8	22.4	946	5.13	<1	1.0	<0.1	3.0	304	1.3	3.7	<0.1
1047309	Drill Core	7.48	0.034	34.0	1133	12.5	40	0.2	4.7	15.3	253	3.78	1	1.2	<0.1	4.3	400	0.4	0.9	0.4
1047310	Drill Core	7.41	0.053	36.0	1020	8.3	24	0.3	10.1	26.3	206	6.04	<1	1.6	<0.1	4.2	476	0.1	0.4	0.5
1047311	Drill Core	7.93	0.018	10.9	641.2	43.1	108	0.6	6.7	11.0	1218	3.77	5	2.6	<0.1	5.2	785	0.7	4.2	0.3
1047312	Drill Core	7.77	0.018	95.4	503.4	89.2	277	1.4	6.6	18.1	914	4.58	8	2.5	<0.1	4.5	539	1.8	8.4	0.3
1047313	Drill Core	3.42	0.018	117.3	401.7	33.3	90	0.6	6.9	20.0	531	4.39	2	2.2	<0.1	4.5	429	0.7	1.1	0.2
1047314	Drill Core	5.32	0.022	52.9	466.7	27.7	55	0.4	7.0	14.8	546	3.52	4	2.4	<0.1	5.2	692	0.4	3.2	0.1
1047315	Drill Core	4.85	0.020	2.2	375.3	22.9	78	0.4	19.1	14.2	890	4.57	5	1.9	<0.1	3.2	540	0.3	1.4	0.3
1047316	Drill Core	3.83	0.016	9.4	394.9	76.7	232	0.8	6.9	12.9	880	4.52	7	2.2	<0.1	4.9	848	1.3	3.9	0.2
1047317	Drill Core	1.82	<0.005	5.7	128.1	54.7	131	0.8	7.6	13.1	1584	3.11	36	2.4	<0.1	4.6	1212	0.3	11.0	0.1
1047318	Drill Core	6.81	<0.005	5.0	51.4	18.1	92	0.2	8.0	9.8	1539	3.34	9	1.9	<0.1	4.4	823	0.3	3.6	<0.1
1047319	Drill Core	2.27	0.013	4.9	278.0	316.2	878	1.7	8.2	13.3	4336	3.89	23	2.3	<0.1	4.5	577	5.3	14.1	0.2
1047320	Drill Core	7.61	0.014	10.0	453.0	246.6	1510	2.3	7.9	15.7	3730	4.56	9	2.2	<0.1	4.1	409	7.7	6.2	0.2
1047321	Drill Core	7.29	0.014	8.9	495.8	33.2	97	0.4	7.1	13.7	1574	3.93	13	2.3	<0.1	4.8	499	0.6	3.5	0.1
1047322	Drill Core	2.85	0.009	8.5	488.5	39.8	128	0.5	7.0	13.4	1609	3.80	17	2.4	<0.1	4.4	477	0.6	4.2	0.1
1047323	Drill Core	7.51	0.007	6.0	251.9	24.9	71	0.2	7.1	12.2	469	4.03	2	2.1	<0.1	4.4	848	0.5	1.3	0.1
1047324	Drill Core	7.49	0.015	12.9	658.8	13.6	42	0.2	7.5	11.6	462	3.47	2	2.5	<0.1	4.7	779	0.2	0.9	<0.1
1047325	Drill Core	7.19	0.010	16.4	374.3	43.8	135	0.6	7.1	13.2	1031	4.53	3	2.1	<0.1	4.3	614	0.6	2.1	0.1
1047326	Drill Core	7.50	0.008	15.7	247.1	34.0	98	0.3	6.6	12.8	909	4.31	2	2.1	<0.1	4.7	461	0.7	0.9	0.1
1047327	Drill Core	7.57	0.009	14.0	374.1	8.3	25	0.2	6.6	11.7	428	3.81	2	2.1	<0.1	4.5	549	0.1	1.0	0.1
1047328	Drill Core	7.49	0.015	13.3	331.1	11.1	56	0.2	7.1	15.3	588	3.72	3	2.0	<0.1	4.8	551	0.3	1.6	0.2
1047329	Drill Core	7.67	0.007	19.3	399.8	45.4	80	0.3	6.7	12.7	549	4.13	2	2.1	<0.1	4.7	666	0.4	1.1	0.1
1047330	Drill Core	7.45	0.012	73.2	351.6	125.9	237	1.3	7.2	12.9	1657	3.95	9	2.4	<0.1	4.6	709	1.5	7.8	0.1
1047331	Drill Core	7.10	0.009	10.5	344.6	213.5	730	1.9	7.4	15.1	2521	4.36	10	2.4	<0.1	4.3	668	3.8	8.5	<0.1
1047332	Rock	0.41	<0.005	0.4	1.4	1.3	17	<0.1	1.8	0.7	209	0.39	8	0.3	<0.1	<0.1	45	0.1	<0.1	<0.1
1047333	Drill Core	7.14	0.007	11.5	355.1	95.8	325	0.9	6.7	15.4	3208	4.11	7	2.3	<0.1	4.3	759	2.0	6.8	0.1
1047334	Drill Core	6.49	0.015	14.9	500.8	83.0	338	1.4	8.3	18.9	2290	4.21	16	2.7	<0.1	4.3	454	1.9	11.0	0.4
1047335	Drill Core	7.73	<0.005	0.6	37.6	17.4	81	0.4	10.7	6.5	874	2.16	7	3.2	<0.1	7.2	366	0.2	9.4	0.1



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Project: Poplar Drilling
Report Date: December 19, 2011

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047306	Drill Core	2.36	0.074	11.9	7	0.74	62	0.049	6.57	1.181	1.85	0.3	13.6	30	0.7	6.6	1.0	<0.1	<1	3
1047307	Drill Core	2.29	0.093	11.8	6	0.79	55	0.053	6.76	0.965	1.95	0.4	15.9	30	0.9	7.1	1.1	<0.1	<1	4
1047308	Drill Core	2.12	0.081	12.7	7	0.70	36	0.042	6.43	0.845	1.81	0.4	13.2	30	0.9	6.1	1.0	<0.1	1	3
1047309	Drill Core	2.48	0.080	13.9	3	0.63	47	0.046	6.72	1.867	1.62	0.4	13.7	30	1.3	6.4	1.2	0.1	1	3
1047310	Drill Core	2.73	0.100	15.4	11	0.60	50	0.058	6.45	0.628	2.25	0.8	21.2	35	1.7	6.9	1.3	<0.1	<1	4
1047311	Drill Core	3.28	0.130	16.3	7	0.91	53	0.060	7.04	0.625	2.22	0.7	37.1	35	1.2	8.1	1.3	<0.1	1	5
1047312	Drill Core	2.92	0.123	15.8	12	0.72	53	0.058	6.73	0.377	2.47	0.7	33.9	34	1.6	7.7	1.2	<0.1	1	5
1047313	Drill Core	2.78	0.127	13.3	6	0.76	42	0.056	6.91	0.361	2.35	0.5	33.3	31	1.5	8.1	1.0	<0.1	1	5
1047314	Drill Core	3.34	0.129	18.3	10	1.03	53	0.061	7.13	0.405	2.44	0.7	36.1	40	1.2	9.4	1.5	0.1	1	5
1047315	Drill Core	4.44	0.178	13.7	13	1.24	56	0.097	6.73	0.665	1.98	0.7	64.2	34	1.0	8.9	1.4	<0.1	<1	7
1047316	Drill Core	3.61	0.116	17.1	9	1.06	95	0.059	6.98	0.158	2.61	0.4	32.9	36	1.3	8.0	1.2	<0.1	1	5
1047317	Drill Core	3.88	0.134	17.8	5	1.50	341	0.291	7.32	0.196	2.74	0.6	85.2	38	0.7	9.0	6.0	0.4	2	6
1047318	Drill Core	3.30	0.145	13.8	4	1.41	945	0.353	7.07	0.877	2.81	0.5	102.5	32	0.7	7.8	7.1	0.4	1	5
1047319	Drill Core	2.74	0.146	14.7	8	1.35	164	0.261	7.19	0.101	3.52	0.7	73.4	34	0.9	8.8	4.8	0.3	1	6
1047320	Drill Core	2.66	0.129	12.2	6	1.11	72	0.073	6.96	0.121	2.73	0.7	38.6	30	0.9	8.3	1.4	0.1	2	5
1047321	Drill Core	4.05	0.126	13.7	9	1.03	62	0.063	7.09	0.395	2.45	0.4	39.4	33	0.8	9.5	1.2	0.1	1	5
1047322	Drill Core	3.92	0.125	12.4	6	0.98	53	0.061	6.74	0.316	2.43	0.4	37.0	29	1.1	8.8	1.1	<0.1	1	5
1047323	Drill Core	3.39	0.123	10.6	10	0.95	47	0.058	6.62	0.896	2.17	0.4	35.6	28	0.7	8.2	1.3	<0.1	1	5
1047324	Drill Core	3.50	0.144	11.9	7	0.95	48	0.066	6.94	0.998	2.13	0.6	40.4	29	1.0	8.8	1.4	<0.1	1	5
1047325	Drill Core	3.56	0.117	12.1	9	0.89	40	0.047	6.56	0.738	2.19	0.6	33.1	30	0.8	8.0	1.0	<0.1	1	5
1047326	Drill Core	3.85	0.119	13.5	5	0.96	51	0.038	6.80	0.350	1.80	0.6	32.8	33	0.7	8.5	0.9	<0.1	1	4
1047327	Drill Core	3.60	0.121	11.8	8	0.83	42	0.048	6.68	0.614	1.67	0.7	34.2	29	0.8	8.1	1.1	<0.1	1	5
1047328	Drill Core	3.59	0.132	12.8	7	0.84	50	0.049	6.95	0.382	1.55	0.6	34.3	30	0.9	8.3	1.1	<0.1	1	5
1047329	Drill Core	3.99	0.121	14.4	7	0.91	45	0.051	6.75	0.581	1.59	0.6	32.9	34	0.7	8.8	1.0	<0.1	1	5
1047330	Drill Core	3.76	0.124	13.7	6	0.97	55	0.068	6.96	0.115	2.55	0.5	35.7	32	0.7	9.2	1.2	<0.1	1	5
1047331	Drill Core	3.01	0.122	13.7	6	0.93	47	0.058	6.83	0.076	2.89	0.5	36.7	31	0.8	8.7	1.3	<0.1	1	5
1047332	Rock	19.50	0.021	1.3	<1	11.63	21	0.001	0.07	0.004	0.03	<0.1	0.3	2	<0.1	1.0	0.1	<0.1	<1	<1
1047333	Drill Core	3.01	0.121	13.4	7	0.93	54	0.053	6.85	0.082	2.89	0.5	36.0	32	0.6	8.5	1.2	<0.1	1	5
1047334	Drill Core	2.69	0.131	17.2	8	1.16	63	0.061	7.01	0.090	3.20	0.9	40.5	39	1.0	8.2	1.3	<0.1	2	5
1047335	Drill Core	3.37	0.097	15.4	14	1.15	930	0.234	6.77	0.056	2.78	0.7	90.7	34	0.7	7.8	9.4	0.7	2	5



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047306	Drill Core	4.5	53.6	0.5
1047307	Drill Core	4.8	50.2	0.5
1047308	Drill Core	5.5	62.7	0.4
1047309	Drill Core	4.4	38.3	0.5
1047310	Drill Core	6.7	52.5	0.7
1047311	Drill Core	4.1	54.8	1.2
1047312	Drill Core	5.2	60.5	1.2
1047313	Drill Core	4.8	55.5	1.1
1047314	Drill Core	4.0	60.0	1.3
1047315	Drill Core	4.8	44.6	1.7
1047316	Drill Core	5.1	71.2	1.1
1047317	Drill Core	0.9	86.2	2.4
1047318	Drill Core	0.2	69.3	2.8
1047319	Drill Core	1.4	101.9	2.0
1047320	Drill Core	4.0	79.1	1.2
1047321	Drill Core	4.0	59.6	1.1
1047322	Drill Core	4.1	57.5	1.2
1047323	Drill Core	4.8	49.3	1.1
1047324	Drill Core	4.3	42.6	1.4
1047325	Drill Core	5.6	50.1	1.1
1047326	Drill Core	5.3	42.0	1.1
1047327	Drill Core	4.6	34.0	1.1
1047328	Drill Core	4.6	36.9	1.2
1047329	Drill Core	5.1	35.0	1.0
1047330	Drill Core	4.9	65.0	1.1
1047331	Drill Core	4.6	74.3	1.2
1047332	Rock	<0.1	2.1	<0.1
1047333	Drill Core	4.6	75.4	1.3
1047334	Drill Core	3.6	83.1	1.2
1047335	Drill Core	<0.1	75.8	2.8



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047336	Drill Core	7.07	<0.005	0.4	24.2	18.7	71	0.3	8.6	6.0	955	2.00	8	3.9	<0.1	8.2	278	0.3	3.1	<0.1
1047337	Drill Core	4.53	<0.005	0.4	5.9	18.1	71	0.1	11.4	6.2	1064	2.12	6	3.1	<0.1	6.6	427	0.3	2.8	<0.1
1047338	Drill Core	1.52	0.007	15.2	303.5	36.0	132	1.7	12.9	13.5	1106	3.14	40	4.0	<0.1	4.2	733	0.7	21.2	0.3
1047339	Drill Core	7.61	0.021	6.5	397.2	136.3	694	1.5	6.8	17.2	1930	5.00	4	2.1	<0.1	4.2	402	4.4	3.6	0.3
1047340	Drill Core	3.53	0.018	6.8	383.5	132.4	367	1.5	6.7	14.4	2793	4.53	4	2.2	<0.1	4.5	638	2.0	2.5	0.1
1047341	Drill Core	4.26	0.016	12.0	212.8	80.1	374	1.1	8.2	15.4	1244	4.34	14	3.6	<0.1	4.2	765	2.3	3.5	0.3
1047342	Drill Core	5.05	<0.005	0.7	30.5	18.8	94	0.5	9.8	7.0	947	2.27	5	3.0	<0.1	7.3	285	0.3	3.9	0.1
1047343	Drill Core	3.56	0.006	0.8	26.3	16.1	73	0.4	8.4	6.1	692	1.90	8	3.5	<0.1	7.9	305	0.4	2.0	<0.1
1047344	Drill Core	6.68	<0.005	1.5	52.1	23.4	81	0.2	11.3	7.2	609	2.14	22	3.1	<0.1	6.4	585	0.5	2.8	0.3
1047345	Rock Pulp	0.10	0.939	22.5	5200	6200	>10000	34.4	48.6	20.1	556	8.90	434	2.1	0.7	2.3	155	235.5	112.2	27.4
1047346	Drill Core	6.22	0.029	113.9	1361	61.3	160	1.1	10.2	29.8	697	3.55	161	2.9	<0.1	4.3	1706	1.0	15.5	0.5
1047347	Drill Core	5.39	0.034	29.5	1332	36.3	125	0.7	9.8	24.1	733	4.16	62	8.8	<0.1	4.5	1037	0.8	5.0	0.3
1047348	Drill Core	7.97	0.046	31.4	1668	25.8	88	0.3	12.2	26.1	421	4.14	13	2.3	<0.1	4.4	636	0.4	0.7	0.1
1047349	Drill Core	7.44	0.040	17.0	1120	15.9	162	0.2	9.8	19.8	347	3.48	14	1.4	<0.1	4.5	537	0.9	0.9	0.1
1047350	Drill Core	7.54	0.020	14.9	695.2	18.2	58	0.3	5.4	15.0	319	3.07	10	1.1	<0.1	4.5	568	0.3	0.7	<0.1
1047351	Drill Core	5.32	0.093	5.1	2486	10.1	35	0.2	6.9	17.5	219	3.56	4	0.9	<0.1	4.0	561	0.1	0.3	0.1
1047352	Drill Core	4.49	0.060	9.3	2229	38.7	119	0.5	7.3	19.1	490	2.91	7	0.9	<0.1	4.1	578	0.5	0.8	0.2
1047353	Drill Core	7.41	0.115	6.2	3315	11.3	42	0.3	6.6	17.1	159	2.63	6	0.6	<0.1	4.1	615	0.1	0.3	<0.1
1047354	Drill Core	7.32	0.095	7.8	2765	12.4	37	0.2	6.1	13.7	141	2.54	6	0.5	<0.1	4.1	712	0.2	0.3	0.1
1047355	Drill Core	7.85	0.086	35.8	3238	17.8	63	0.5	9.9	21.1	374	2.99	6	0.5	0.2	3.6	373	0.4	0.5	0.2
1047356	Drill Core	6.95	0.110	12.4	3961	16.4	50	0.4	9.5	17.3	395	2.96	9	0.7	0.1	3.9	335	0.2	0.6	0.2
1047357	Drill Core	7.48	0.130	20.0	4147	16.1	65	0.5	11.0	15.0	267	2.77	7	0.7	0.1	4.4	318	0.3	0.6	0.1
1047358	Drill Core	7.65	0.156	31.9	4883	29.9	82	0.6	11.1	17.9	240	3.26	4	0.6	<0.1	4.8	440	0.5	0.8	0.1
1047359	Drill Core	7.67	0.013	22.7	518.9	20.4	65	0.2	6.4	15.9	306	4.26	4	1.1	<0.1	3.9	753	0.3	0.4	0.1
1047360	Drill Core	6.90	0.012	24.9	424.3	24.5	97	0.1	5.5	13.3	323	3.44	5	1.0	<0.1	4.3	545	0.5	0.3	0.1
1047361	Drill Core	2.85	0.009	36.0	371.2	18.8	71	0.1	5.5	12.2	315	3.13	5	1.0	0.1	4.0	527	0.4	0.3	0.1
1047362	Drill Core	4.34	0.014	15.6	832.4	12.2	48	0.2	7.9	25.4	198	4.54	7	1.1	<0.1	3.5	479	0.3	0.9	0.1
1047363	Drill Core	3.22	<0.005	2.9	68.1	12.1	108	0.1	14.9	9.9	684	2.44	18	2.3	<0.1	5.0	933	0.1	2.6	0.1
1047364	Drill Core	6.91	0.012	32.5	580.6	27.3	114	0.2	6.7	21.0	553	3.64	8	0.9	<0.1	3.9	531	0.6	0.8	0.2
1047365	Drill Core	5.97	0.017	36.0	830.9	39.6	136	0.4	6.4	20.3	823	2.99	8	0.9	<0.1	4.2	550	0.7	1.2	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047336	Drill Core	3.60	0.078	16.0	13	1.09	923	0.186	6.56	0.040	2.61	0.6	72.5	34	0.5	7.6	8.9	0.7	1	4
1047337	Drill Core	3.88	0.101	16.3	15	0.95	934	0.252	6.64	0.055	2.76	0.6	95.2	35	0.5	7.6	9.3	0.7	<1	5
1047338	Drill Core	2.78	0.118	13.5	28	1.08	90	0.180	6.81	0.164	3.11	1.1	66.1	33	1.1	8.3	4.1	0.2	2	6
1047339	Drill Core	2.45	0.128	13.2	4	1.19	72	0.049	7.33	0.084	2.97	0.6	33.1	32	0.8	9.1	0.9	<0.1	1	5
1047340	Drill Core	2.22	0.131	16.1	5	1.01	69	0.046	7.05	0.080	3.09	0.5	33.0	37	0.7	8.6	0.8	<0.1	1	5
1047341	Drill Core	2.14	0.127	13.0	6	0.85	55	0.064	6.86	0.104	2.70	1.0	35.8	32	1.2	8.0	1.5	0.1	1	5
1047342	Drill Core	3.61	0.095	14.2	15	1.13	1026	0.219	6.40	0.051	2.71	0.9	88.1	32	0.7	7.7	9.5	0.7	1	4
1047343	Drill Core	2.98	0.081	16.1	13	0.96	895	0.195	6.78	0.052	2.98	0.8	75.9	34	0.5	7.2	9.3	0.7	1	4
1047344	Drill Core	3.09	0.096	16.5	17	1.01	921	0.234	6.83	0.528	2.79	0.7	96.9	33	0.7	7.5	9.0	0.7	1	5
1047345	Rock Pulp	1.75	0.043	11.1	41	0.90	209	0.167	3.81	1.158	0.67	1.1	34.3	23	51.2	10.9	4.4	0.2	<1	7
1047346	Drill Core	2.76	0.132	15.9	8	0.88	139	0.066	6.89	0.190	2.66	0.5	26.3	32	1.5	7.8	1.3	<0.1	<1	6
1047347	Drill Core	2.51	0.108	16.9	5	1.10	102	0.051	6.84	0.122	2.70	0.4	21.9	35	1.4	8.5	1.0	<0.1	<1	5
1047348	Drill Core	1.84	0.102	16.0	6	0.86	106	0.053	7.10	1.032	2.47	0.2	21.9	34	0.9	9.4	0.9	<0.1	<1	7
1047349	Drill Core	2.38	0.113	15.0	9	0.86	98	0.063	7.03	1.522	2.16	0.2	25.6	31	0.8	8.6	1.3	<0.1	<1	6
1047350	Drill Core	2.50	0.119	12.6	3	0.88	143	0.053	7.06	0.767	2.34	0.4	21.7	27	1.0	7.6	1.2	<0.1	1	5
1047351	Drill Core	2.33	0.105	9.8	6	0.83	97	0.059	6.52	1.523	1.70	0.2	15.2	22	1.1	6.5	1.3	<0.1	1	5
1047352	Drill Core	2.36	0.090	9.6	4	0.77	102	0.049	6.57	0.969	2.39	0.4	13.3	21	1.5	6.3	1.3	0.1	<1	5
1047353	Drill Core	2.41	0.088	8.3	6	0.84	92	0.074	6.52	1.637	1.87	0.2	11.3	19	1.2	6.4	1.7	0.1	<1	5
1047354	Drill Core	2.58	0.091	9.3	7	0.78	103	0.080	6.68	1.446	2.20	0.2	10.7	20	1.5	7.1	1.7	0.1	1	5
1047355	Drill Core	2.09	0.084	7.7	8	0.84	116	0.054	6.36	0.870	2.41	0.4	9.6	16	1.3	5.6	1.3	<0.1	<1	5
1047356	Drill Core	2.07	0.102	9.3	10	0.88	152	0.063	6.71	0.493	2.39	0.3	11.1	20	1.3	6.7	1.4	<0.1	<1	5
1047357	Drill Core	1.83	0.083	9.3	14	0.94	137	0.066	6.59	1.084	1.97	0.2	11.2	20	1.5	6.3	1.4	<0.1	<1	6
1047358	Drill Core	1.89	0.082	8.8	11	0.81	60	0.074	6.22	1.412	2.31	0.2	12.4	19	1.6	6.0	1.4	<0.1	<1	5
1047359	Drill Core	2.95	0.115	9.9	4	0.89	56	0.069	6.15	1.510	2.27	0.2	18.1	23	0.7	8.2	1.2	<0.1	<1	5
1047360	Drill Core	2.91	0.125	11.0	4	0.89	83	0.058	6.51	1.413	2.35	0.3	16.3	24	0.7	8.0	1.0	<0.1	1	5
1047361	Drill Core	3.18	0.119	10.7	5	0.85	105	0.062	6.28	1.308	2.33	0.4	16.7	24	0.7	7.6	1.1	<0.1	<1	5
1047362	Drill Core	2.89	0.106	12.0	<1	0.87	35	0.045	5.79	1.558	2.52	0.3	14.6	28	0.7	7.0	0.9	<0.1	<1	3
1047363	Drill Core	3.67	0.121	18.0	20	1.24	1134	0.308	6.69	1.423	2.66	0.5	124.2	38	0.7	8.2	9.4	0.5	1	6
1047364	Drill Core	2.58	0.114	10.5	5	0.79	92	0.065	6.63	1.369	2.66	0.4	15.4	23	1.1	7.1	1.2	<0.1	<1	5
1047365	Drill Core	3.05	0.112	10.9	6	0.79	87	0.096	6.64	1.652	2.51	0.8	17.1	23	1.2	8.6	1.5	0.1	<1	5



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047336	Drill Core	0.1	81.2	2.2
1047337	Drill Core	<0.1	69.0	2.9
1047338	Drill Core	1.5	98.4	1.9
1047339	Drill Core	4.5	84.5	1.1
1047340	Drill Core	4.1	92.0	1.1
1047341	Drill Core	3.8	79.2	1.2
1047342	Drill Core	<0.1	96.7	2.6
1047343	Drill Core	<0.1	94.9	2.4
1047344	Drill Core	<0.1	77.3	3.0
1047345	Rock Pulp	9.9	22.3	1.1
1047346	Drill Core	3.3	73.5	0.7
1047347	Drill Core	4.1	67.6	0.6
1047348	Drill Core	4.5	65.7	0.7
1047349	Drill Core	4.2	64.3	0.8
1047350	Drill Core	3.9	59.8	0.8
1047351	Drill Core	4.2	45.1	0.5
1047352	Drill Core	4.0	57.2	0.4
1047353	Drill Core	3.4	43.8	0.4
1047354	Drill Core	3.4	51.0	0.4
1047355	Drill Core	3.6	56.0	0.3
1047356	Drill Core	3.1	54.3	0.4
1047357	Drill Core	2.6	53.2	0.3
1047358	Drill Core	3.7	58.8	0.3
1047359	Drill Core	5.5	54.1	0.6
1047360	Drill Core	4.8	50.9	0.6
1047361	Drill Core	4.6	44.5	0.6
1047362	Drill Core	6.3	48.9	0.5
1047363	Drill Core	0.3	81.4	3.2
1047364	Drill Core	4.7	59.7	0.6
1047365	Drill Core	4.0	60.8	0.6



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047366	Drill Core	4.92	0.028	13.7	1120	21.5	71	0.3	10.5	24.3	458	3.88	6	1.0	<0.1	4.3	665	0.4	0.4	<0.1
1047367	Drill Core	6.95	0.028	39.6	951.3	31.8	215	0.2	7.8	26.8	430	3.23	33	1.5	<0.1	4.9	339	1.3	3.3	<0.1
1047368	Drill Core	5.15	0.019	13.7	910.9	16.6	60	0.1	5.4	16.9	478	3.07	53	1.6	<0.1	4.7	262	0.1	1.7	<0.1
1047369	Drill Core	7.45	0.016	44.0	635.4	42.0	86	0.2	6.3	29.7	523	3.83	73	1.6	<0.1	4.7	274	0.4	3.0	0.1
1047370	Drill Core	5.81	0.021	171.1	1039	34.1	109	0.4	6.7	33.2	723	3.60	73	1.6	<0.1	5.5	273	0.5	3.6	0.2
1047371	Drill Core	3.35	0.036	114.4	1116	8.2	41	0.2	5.9	21.8	808	3.18	23	1.5	<0.1	4.7	218	0.1	1.2	0.1
1047372	Drill Core	7.09	0.025	17.3	791.8	75.7	197	0.6	8.2	15.7	972	3.66	66	1.7	<0.1	5.1	237	0.9	8.9	0.3
1047373	Drill Core	5.25	0.019	28.9	655.4	31.4	90	0.2	5.7	23.5	315	3.45	6	1.4	<0.1	4.2	977	0.5	0.6	0.2
1047374	Drill Core	3.92	0.023	18.1	912.7	11.4	48	0.2	5.7	21.9	222	3.21	6	1.3	<0.1	4.5	871	0.1	0.8	0.1
1047375	Drill Core	7.21	0.014	73.9	618.5	49.7	203	0.3	5.8	15.9	785	2.69	40	1.5	<0.1	4.9	476	1.0	3.8	0.2
1047376	Drill Core	7.26	0.026	26.6	1030	99.0	301	0.6	6.1	20.2	1170	3.27	78	1.7	<0.1	5.3	230	1.7	7.7	0.2
1047377	Rock	0.43	<0.005	0.1	2.3	1.2	18	<0.1	2.2	0.8	213	0.43	13	0.3	<0.1	<0.1	96	<0.1	<0.1	<0.1
1047378	Drill Core	7.58	0.027	46.0	1330	50.1	158	0.7	7.2	28.2	1473	3.05	147	2.0	<0.1	5.4	321	0.8	5.3	0.3
1047379	Drill Core	6.88	0.024	55.4	978.3	46.0	142	0.8	5.1	18.9	888	3.08	81	1.6	<0.1	5.4	367	0.5	1.9	0.1
1047380	Drill Core	7.23	0.026	30.5	957.8	13.2	51	0.3	5.1	19.0	426	3.05	55	1.8	<0.1	5.3	384	0.1	1.1	<0.1
1047381	Drill Core	6.99	0.036	13.2	1343	27.9	169	1.1	7.9	21.6	742	2.88	293	2.1	<0.1	5.1	497	0.7	9.0	0.1
1047382	Drill Core	3.96	0.071	4.5	1535	598.3	1626	5.1	8.4	30.2	1844	3.48	214	2.0	<0.1	5.3	351	8.9	11.6	0.6
1047383	Drill Core	4.38	0.050	65.2	2428	131.3	373	3.2	10.9	45.7	1848	3.60	343	1.9	<0.1	5.6	322	2.0	31.5	0.4
1047384	Drill Core	4.66	0.074	63.6	2872	51.1	148	1.3	14.2	51.0	851	3.54	133	1.9	<0.1	4.7	298	0.7	3.1	0.3
1047385	Drill Core	2.99	0.053	3.3	1643	6.4	28	0.3	6.4	13.9	151	3.99	2	1.2	<0.1	5.2	392	<0.1	0.2	0.3
1047386	Drill Core	2.42	0.058	2.7	1381	6.6	26	0.3	6.2	11.7	170	3.42	2	1.1	<0.1	5.3	409	<0.1	0.2	0.3
1047387	Drill Core	6.33	0.038	5.0	1257	20.0	100	0.4	6.0	13.2	400	4.12	2	0.9	<0.1	4.3	217	0.5	0.8	0.4
1047388	Drill Core	7.35	0.047	13.6	1459	19.8	91	0.4	6.0	17.5	333	5.17	1	0.7	<0.1	3.7	167	0.4	0.5	0.6
1047389	Drill Core	6.86	0.078	3.6	1694	7.2	25	0.4	4.7	15.3	240	5.42	<1	0.7	<0.1	3.8	228	<0.1	0.6	0.6
1047390	Drill Core	2.80	0.116	2.5	2326	7.4	37	0.5	5.2	12.5	222	4.46	2	0.7	0.1	5.4	313	0.1	0.6	0.4
1047391	Drill Core	3.05	0.090	2.1	1880	6.4	26	0.4	4.7	10.9	175	3.80	<1	0.8	<0.1	4.8	436	<0.1	0.2	0.2
1047392	Drill Core	3.86	0.098	1.4	2195	9.2	35	0.4	5.8	10.4	153	4.11	<1	1.0	0.1	4.8	393	0.1	0.2	0.3
1047393	Drill Core	5.42	0.024	1.3	575.0	7.1	28	0.2	4.3	8.5	176	3.69	1	1.3	<0.1	4.8	388	<0.1	0.7	0.3
1047394	Rock Pulp	0.11	0.903	22.4	5192	6213	>10000	74.7	46.9	20.4	542	9.23	478	2.2	1.2	2.2	156	232.6	117.4	27.4
1047395	Drill Core	6.52	0.037	1.4	724.3	6.9	30	0.2	5.4	8.7	136	3.85	1	1.5	<0.1	5.8	348	<0.1	0.4	0.4



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047366	Drill Core	2.66	0.117	11.3	5	0.86	55	0.080	6.18	1.577	2.39	0.5	15.9	25	1.0	8.4	1.6	<0.1	2	5
1047367	Drill Core	2.14	0.112	15.6	7	0.97	145	0.083	7.23	0.425	2.49	0.6	19.9	32	0.8	8.5	1.3	<0.1	1	6
1047368	Drill Core	2.73	0.121	13.3	7	0.84	200	0.104	6.67	0.150	2.14	0.6	23.9	28	0.9	8.3	2.0	0.1	1	5
1047369	Drill Core	2.56	0.125	17.0	6	1.00	99	0.077	6.88	0.173	2.66	1.0	23.1	37	0.9	9.3	1.3	<0.1	<1	5
1047370	Drill Core	1.89	0.118	22.0	5	1.04	136	0.057	7.75	0.069	3.25	1.3	20.6	45	1.1	9.2	1.2	<0.1	1	5
1047371	Drill Core	2.60	0.120	16.3	6	0.96	170	0.089	6.94	0.061	2.53	0.5	23.3	33	0.9	7.9	1.4	<0.1	<1	5
1047372	Drill Core	2.42	0.122	16.5	10	0.90	182	0.134	7.25	0.118	2.82	1.4	26.4	33	1.3	9.7	2.1	0.1	1	6
1047373	Drill Core	2.97	0.125	12.3	7	0.83	93	0.106	6.29	1.241	2.20	0.5	25.8	26	1.0	8.6	1.6	<0.1	1	5
1047374	Drill Core	2.57	0.113	14.6	7	0.88	139	0.091	6.86	1.537	2.30	0.5	24.0	30	0.8	9.1	1.5	<0.1	<1	5
1047375	Drill Core	3.17	0.111	17.0	6	1.00	251	0.096	7.24	0.189	2.81	1.3	24.5	34	1.0	9.5	1.5	<0.1	<1	5
1047376	Drill Core	2.21	0.124	19.1	7	1.07	170	0.109	7.65	0.054	2.68	1.2	24.8	38	1.1	9.5	1.5	0.1	1	6
1047377	Rock	22.05	0.017	0.6	<1	12.29	1835	0.003	0.06	0.002	0.03	<0.1	0.2	1	<0.1	0.8	0.1	<0.1	<1	<1
1047378	Drill Core	2.13	0.131	19.0	3	1.06	341	0.077	7.57	0.061	3.30	2.6	24.0	38	1.4	8.9	1.2	<0.1	1	6
1047379	Drill Core	2.23	0.130	17.2	5	0.99	109	0.114	7.64	0.066	2.64	1.9	22.6	38	1.0	10.2	1.8	0.1	1	5
1047380	Drill Core	2.96	0.133	15.5	7	1.03	112	0.148	7.41	0.058	2.13	1.5	26.0	35	1.0	10.8	2.2	0.1	1	5
1047381	Drill Core	2.42	0.111	13.3	8	0.92	164	0.157	7.29	0.050	2.08	1.1	22.9	30	1.0	8.6	2.6	0.2	1	5
1047382	Drill Core	2.90	0.120	13.4	8	0.91	136	0.200	7.00	0.090	2.51	2.3	23.4	30	1.4	9.1	3.7	0.3	1	5
1047383	Drill Core	2.52	0.124	20.0	8	0.98	125	0.151	6.83	0.370	2.59	1.7	18.7	45	1.4	10.2	1.9	0.1	1	5
1047384	Drill Core	2.64	0.130	16.2	9	0.88	112	0.167	7.16	1.126	2.28	1.1	21.9	38	1.1	9.3	2.4	0.1	2	5
1047385	Drill Core	1.87	0.134	13.0	11	0.85	118	0.243	7.72	2.864	2.20	0.2	22.7	30	1.2	10.8	5.3	0.3	1	6
1047386	Drill Core	2.13	0.131	13.0	9	0.82	149	0.228	7.59	2.758	2.20	0.1	22.0	30	1.0	10.0	4.9	0.3	1	6
1047387	Drill Core	2.62	0.121	9.3	10	0.89	50	0.162	6.93	1.386	1.87	0.1	17.7	23	1.1	7.2	2.9	0.2	1	5
1047388	Drill Core	2.21	0.110	6.7	9	0.73	31	0.090	6.57	1.131	1.91	0.1	15.3	17	1.8	7.2	1.6	<0.1	2	4
1047389	Drill Core	1.85	0.116	6.5	9	0.81	30	0.159	6.58	1.682	2.10	0.1	14.4	17	1.0	6.8	3.4	0.2	<1	5
1047390	Drill Core	2.13	0.112	8.3	11	0.99	49	0.197	7.04	2.252	1.94	<0.1	14.1	21	1.3	7.7	4.3	0.3	2	6
1047391	Drill Core	2.05	0.116	9.4	10	0.81	111	0.221	7.60	2.967	2.17	<0.1	17.0	21	0.9	9.1	5.4	0.3	1	5
1047392	Drill Core	1.93	0.119	9.7	10	0.82	77	0.199	7.32	2.689	2.18	<0.1	19.0	23	1.2	8.3	4.8	0.3	2	5
1047393	Drill Core	2.05	0.133	11.3	8	0.84	53	0.138	7.36	2.237	2.07	<0.1	29.0	28	1.1	8.8	3.1	0.2	1	5
1047394	Rock Pulp	1.82	0.051	10.2	34	0.90	125	0.198	3.74	1.310	0.71	1.1	31.9	23	52.9	11.5	4.4	0.2	<1	7
1047395	Drill Core	1.69	0.137	14.7	9	0.77	51	0.102	7.98	1.608	2.37	0.1	32.3	34	2.1	9.0	2.1	0.1	1	5



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Project: Poplar Drilling
Report Date: December 19, 2011

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CERTIFICATE OF ANALYSIS

SMI11000713.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047366	Drill Core	4.7	53.8	0.5
1047367	Drill Core	3.1	56.7	0.7
1047368	Drill Core	2.5	35.3	0.8
1047369	Drill Core	3.6	50.9	0.7
1047370	Drill Core	3.4	76.3	0.7
1047371	Drill Core	2.6	50.1	0.8
1047372	Drill Core	3.1	76.0	0.9
1047373	Drill Core	3.7	53.9	0.9
1047374	Drill Core	3.5	57.4	0.9
1047375	Drill Core	2.3	64.5	0.9
1047376	Drill Core	2.8	76.9	0.9
1047377	Rock	<0.1	1.6	<0.1
1047378	Drill Core	2.6	85.5	0.9
1047379	Drill Core	2.5	71.0	0.9
1047380	Drill Core	2.3	46.5	0.9
1047381	Drill Core	1.9	55.2	0.9
1047382	Drill Core	2.4	66.2	0.8
1047383	Drill Core	2.5	90.4	0.6
1047384	Drill Core	2.7	72.6	0.9
1047385	Drill Core	2.3	57.2	0.8
1047386	Drill Core	1.7	51.9	0.8
1047387	Drill Core	3.4	39.6	0.6
1047388	Drill Core	5.0	37.8	0.5
1047389	Drill Core	5.0	43.5	0.5
1047390	Drill Core	3.4	48.0	0.4
1047391	Drill Core	1.9	49.4	0.6
1047392	Drill Core	2.5	49.1	0.7
1047393	Drill Core	3.3	44.7	1.1
1047394	Rock Pulp	9.5	22.3	0.9
1047395	Drill Core	3.3	56.4	1.1



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Project:

Poplar Drilling

Report Date:

December 19, 2011

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Part 1

QUALITY CONTROL REPORT

SMI11000713.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1047301	Drill Core	5.57	0.039	60.1	1250	86.6	685	6.0	7.1	18.5	487	4.13	3	0.9	<0.1	3.5	307	3.4	17.7	0.2	41
REP 1047301	QC	0.050																			
1047302	Drill Core	6.68	0.023	48.6	851.6	64.8	401	2.5	4.9	15.4	721	3.48	2	0.7	<0.1	3.6	380	1.6	7.6	0.2	33
REP 1047302	QC	49.9 832.5 64.9 368 2.4 4.3 15.0 722 3.45 2 0.7 <0.1 3.3 364 1.9 8.1 0.2 33																			
1047312	Drill Core	7.77	0.018	95.4	503.4	89.2	277	1.4	6.6	18.1	914	4.58	8	2.5	<0.1	4.5	539	1.8	8.4	0.3	53
REP 1047312	QC	93.1 512.4 91.0 266 1.4 6.9 19.2 917 4.62 8 2.4 <0.1 4.4 532 1.7 8.5 0.3 53																			
1047319	Drill Core	2.27	0.013	4.9	278.0	316.2	878	1.7	8.2	13.3	4336	3.89	23	2.3	<0.1	4.5	577	5.3	14.1	0.2	84
REP 1047319	QC	0.020																			
1047344	Drill Core	6.68	<0.005	1.5	52.1	23.4	81	0.2	11.3	7.2	609	2.14	22	3.1	<0.1	6.4	585	0.5	2.8	0.3	58
REP 1047344	QC	<0.005 1.6 53.6 22.3 76 0.1 12.2 8.3 648 2.21 22 3.3 <0.1 6.4 572 0.3 2.8 0.3 59																			
1047379	Drill Core	6.88	0.024	55.4	978.3	46.0	142	0.8	5.1	18.9	888	3.08	81	1.6	<0.1	5.4	367	0.5	1.9	0.1	54
REP 1047379	QC	50.3 932.2 44.2 133 0.9 5.0 17.9 877 2.90 82 1.6 <0.1 5.2 346 0.6 2.3 0.1 53																			
1047380	Drill Core	7.23	0.026	30.5	957.8	13.2	51	0.3	5.1	19.0	426	3.05	55	1.8	<0.1	5.3	384	0.1	1.1	<0.1	60
REP 1047380	QC	0.027																			
Core Reject Duplicates																					
1047282	Drill Core	6.73	<0.005	0.5	2.6	40.0	268	0.5	2.6	1.8	1613	1.35	3	4.2	<0.1	11.4	256	0.9	1.0	<0.1	23
DUP 1047282	QC	<0.005 0.3 2.0 39.2 262 0.3 2.9 2.1 1623 1.21 4 4.1 <0.1 12.0 262 0.8 1.1 <0.1 23																			
1047317	Drill Core	1.82	<0.005	5.7	128.1	54.7	131	0.8	7.6	13.1	1584	3.11	36	2.4	<0.1	4.6	1212	0.3	11.0	0.1	86
DUP 1047317	QC	<0.005 4.7 139.3 50.9 136 0.8 8.5 14.3 1614 3.23 38 2.2 <0.1 4.5 1236 0.3 11.7 0.1 87																			
1047352	Drill Core	4.49	0.060	9.3	2229	38.7	119	0.5	7.3	19.1	490	2.91	7	0.9	<0.1	4.1	578	0.5	0.8	0.2	41
DUP 1047352	QC	0.075 9.8 2325 37.5 130 0.5 7.0 19.1 509 3.11 8 0.8 <0.1 3.8 556 0.6 0.8 0.1 41																			
1047387	Drill Core	6.33	0.038	5.0	1257	20.0	100	0.4	6.0	13.2	400	4.12	2	0.9	<0.1	4.3	217	0.5	0.8	0.4	64
DUP 1047387	QC	0.039 4.7 1292 21.0 100 0.5 5.5 12.8 384 4.02 1 0.8 <0.1 4.1 214 0.5 0.9 0.5 64																			
Reference Materials																					
STD OREAS24P	Standard	1.4 43.4 2.9 108 <0.1 133.2 42.9 1052 7.31 3 0.5 <0.1 2.6 418 0.1 <0.1 <0.1 161																			
STD OREAS24P	Standard	1.7 56.3 2.6 132 <0.1 154.2 48.8 998 7.19 6 0.6 <0.1 2.7 385 <0.1 <0.1 <0.1 159																			
STD OREAS24P	Standard	1.5 48.9 3.0 119 <0.1 143.0 45.2 1088 7.49 3 0.7 <0.1 3.0 384 0.2 0.1 <0.1 164																			
STD OREAS24P	Standard	1.4 49.3 2.8 112 <0.1 138.4 43.4 1074 7.25 4 0.7 <0.1 2.8 377 <0.1 <0.1 <0.1 152																			



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Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000713.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
1047301	Drill Core	0.94	0.096	11.7	9	0.75	32	0.064	6.70	1.339	2.49	0.7	16.6	30	1.0	9.0	1.3	<0.1	2	4	
REP 1047301	QC																				
1047302	Drill Core	2.23	0.080	12.7	3	0.64	47	0.056	6.81	1.222	2.45	0.7	14.8	31	1.3	7.3	1.3	<0.1	2	3	
REP 1047302	QC	2.19	0.077	11.2	4	0.63	49	0.056	6.73	1.181	2.39	0.6	14.5	28	1.5	6.8	1.4	<0.1	<1	3	
1047312	Drill Core	2.92	0.123	15.8	12	0.72	53	0.058	6.73	0.377	2.47	0.7	33.9	34	1.6	7.7	1.2	<0.1	1	5	
REP 1047312	QC	2.91	0.120	15.3	11	0.72	36	0.059	6.66	0.376	2.46	0.7	34.3	33	1.6	7.9	1.2	<0.1	1	5	
1047319	Drill Core	2.74	0.146	14.7	8	1.35	164	0.261	7.19	0.101	3.52	0.7	73.4	34	0.9	8.8	4.8	0.3	1	6	
REP 1047319	QC																				
1047344	Drill Core	3.09	0.096	16.5	17	1.01	921	0.234	6.83	0.528	2.79	0.7	96.9	33	0.7	7.5	9.0	0.7	1	5	
REP 1047344	QC	3.18	0.093	16.9	15	1.04	896	0.241	7.00	0.529	2.87	0.6	96.2	34	0.7	7.7	9.4	0.7	1	5	
1047379	Drill Core	2.23	0.130	17.2	5	0.99	109	0.114	7.64	0.066	2.64	1.9	22.6	38	1.0	10.2	1.8	0.1	1	5	
REP 1047379	QC	2.15	0.128	16.4	6	0.98	75	0.114	7.51	0.066	2.67	1.8	21.7	36	1.0	10.1	1.7	0.1	1	5	
1047380	Drill Core	2.96	0.133	15.5	7	1.03	112	0.148	7.41	0.058	2.13	1.5	26.0	35	1.0	10.8	2.2	0.1	1	5	
REP 1047380	QC																				
Core Reject Duplicates																					
1047282	Drill Core	1.50	0.073	15.8	9	0.40	927	0.077	6.44	0.045	2.97	1.1	45.9	35	0.5	8.4	9.2	1.0	1	2	
DUP 1047282	QC	1.51	0.076	17.8	6	0.40	958	0.076	6.55	0.046	3.02	1.0	46.4	39	0.5	8.6	9.3	0.9	1	2	
1047317	Drill Core	3.88	0.134	17.8	5	1.50	341	0.291	7.32	0.196	2.74	0.6	85.2	38	0.7	9.0	6.0	0.4	2	6	
DUP 1047317	QC	3.98	0.134	16.8	6	1.50	242	0.298	7.29	0.197	2.78	0.7	88.4	37	0.7	8.8	5.9	0.3	2	6	
1047352	Drill Core	2.36	0.090	9.6	4	0.77	102	0.049	6.57	0.969	2.39	0.4	13.3	21	1.5	6.3	1.3	0.1	<1	5	
DUP 1047352	QC	2.38	0.098	8.6	5	0.77	132	0.050	6.50	0.967	2.40	0.6	13.3	19	1.5	5.9	1.5	<0.1	<1	5	
1047387	Drill Core	2.62	0.121	9.3	10	0.89	50	0.162	6.93	1.386	1.87	0.1	17.7	23	1.1	7.2	2.9	0.2	1	5	
DUP 1047387	QC	2.61	0.117	7.5	9	0.87	55	0.163	6.81	1.364	1.80	0.1	18.2	19	1.1	6.7	3.0	0.2	1	5	
Reference Materials																					
STD OREAS24P	Standard	5.43	0.134	17.0	180	4.17	274	1.049	7.76	2.505	0.65	0.5	135.5	39	1.5	21.4	18.4	1.1	1	19	
STD OREAS24P	Standard	5.96	0.127	18.3	203	4.12	272	1.062	7.74	2.492	0.68	0.4	137.8	36	1.5	22.0	20.0	1.1	<1	20	
STD OREAS24P	Standard	5.57	0.137	18.3	191	4.27	289	1.079	7.86	2.612	0.67	0.5	133.9	37	1.6	21.0	18.8	1.1	1	19	
STD OREAS24P	Standard	5.44	0.135	18.6	186	4.09	280	1.066	7.66	2.378	0.62	0.5	132.1	37	1.5	23.9	18.6	1.1	<1	17	



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Project: Poplar Drilling

Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000713.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1047301	Drill Core	3.9	65.3	0.6
REP 1047301	QC			
1047302	Drill Core	4.3	64.4	0.5
REP 1047302	QC	4.3	62.3	0.6
1047312	Drill Core	5.2	60.5	1.2
REP 1047312	QC	5.2	59.6	1.1
1047319	Drill Core	1.4	101.9	2.0
REP 1047319	QC			
1047344	Drill Core	<0.1	77.3	3.0
REP 1047344	QC	<0.1	81.4	2.6
1047379	Drill Core	2.5	71.0	0.9
REP 1047379	QC	2.4	67.6	0.8
1047380	Drill Core	2.3	46.5	0.9
REP 1047380	QC			
Core Reject Duplicates				
1047282	Drill Core	<0.1	138.9	2.1
DUP 1047282	QC	<0.1	142.9	2.3
1047317	Drill Core	0.9	86.2	2.4
DUP 1047317	QC	0.9	81.2	2.2
1047352	Drill Core	4.0	57.2	0.4
DUP 1047352	QC	4.1	51.3	0.5
1047387	Drill Core	3.4	39.6	0.6
DUP 1047387	QC	3.3	33.3	0.6
Reference Materials				
STD OREAS24P	Standard	<0.1	24.2	3.5
STD OREAS24P	Standard	<0.1	22.3	3.3
STD OREAS24P	Standard	<0.1	22.3	3.6
STD OREAS24P	Standard	<0.1	21.0	3.4



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QUALITY CONTROL REPORT

SMI11000713.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.4	636.8	23.3	84	0.4	342.1	103.4	1142	18.45	11	2.1	<0.1	10.1	42	<0.1	0.6	<0.1	260
STD OREAS45C	Standard			2.5	632.3	22.6	94	0.1	333.6	108.2	1221	18.26	13	2.1	<0.1	9.8	34	0.2	0.8	0.2	283
STD OREAS45C	Standard			2.2	621.3	25.6	81	0.4	333.0	100.7	1099	18.12	11	2.4	<0.1	11.0	36	0.3	0.8	0.2	250
STD OREAS45C	Standard			2.0	559.6	24.5	72	0.4	317.9	96.0	1073	16.55	11	2.3	<0.1	10.6	37	0.1	0.8	0.2	251
STD OXH82	Standard		1.347																		
STD OXH82	Standard		1.314																		
STD OXH82	Standard		1.383																		
STD OXH82	Standard		1.380																		
STD OXH82	Standard		1.327																		
STD OXH82	Standard		1.290																		
STD OXK79	Standard		3.661																		
STD OXK79	Standard		3.797																		
STD OXK79	Standard		3.793																		
STD OXK79	Standard		3.692																		
STD OXK79	Standard		3.828																		
STD OXK79	Standard		3.622																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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QUALITY CONTROL REPORT

SMI11000713.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.48	0.050	24.7	900	0.28	295	1.181	7.52	0.114	0.33	1.0	170.2	54	2.6	12.3	21.5	1.5	<1	62	15.7
STD OREAS45C	Standard	0.47	0.047	25.4	972	0.23	264	1.172	7.48	0.098	0.32	1.0	166.6	49	2.8	12.7	23.1	1.4	1	60	13.8
STD OREAS45C	Standard	0.47	0.052	25.5	933	0.26	292	1.149	7.15	0.101	0.34	1.1	169.3	51	2.8	12.2	21.7	1.4	<1	57	16.2
STD OREAS45C	Standard	0.43	0.049	25.4	834	0.26	265	1.127	6.98	0.099	0.32	0.9	157.9	50	2.6	13.4	21.5	1.3	1	51	14.4
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	26.0	4.5
STD OREAS45C	Standard	<0.1	24.1	4.0
STD OREAS45C	Standard	<0.1	24.0	4.3
STD OREAS45C	Standard	<0.1	22.9	4.0
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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Project: Poplar Drilling

Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000713.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.4	10.2	18.4	50	<0.1	3.5	5.1	778	2.54	2	2.6	<0.1	7.2	793	<0.1	0.1	0.4	50
G1	Prep Blank	<0.005	0.3	9.0	19.0	54	<0.1	3.3	4.9	754	2.35	1	2.6	<0.1	7.5	776	<0.1	<0.1	0.2	49



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QUALITY CONTROL REPORT

SMI11000713.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.45	0.078	24.7	11	0.58	1015	0.252	7.92	2.913	3.15	0.2	11.4	57	1.6	15.6	25.9	1.4	3	5	35.2
G1	Prep Blank	2.47	0.079	21.9	8	0.57	1071	0.249	7.79	2.924	3.21	0.2	10.7	55	1.4	14.6	24.7	1.4	3	5	35.9



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Project: Poplar Drilling

Report Date: December 19, 2011

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QUALITY CONTROL REPORT

SMI11000713.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	128.6	0.6
G1	Prep Blank	<0.1	124.3	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 11, 2011
Report Date: January 13, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000713.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_22_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	117	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 13, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000713.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047276	Drill Core	7.41	<0.005	0.5	15.0	54.9	284	0.6	2.9	2.1	2466	1.35	3	2.7	<0.1	11.4	313	1.4	0.9	0.3
1047277	Drill Core	6.95	<0.005	0.4	5.2	55.6	205	0.2	2.4	2.5	2538	1.28	2	1.9	<0.1	11.6	311	0.5	0.9	0.1
1047278	Drill Core	7.10	<0.005	0.5	7.8	45.2	169	0.2	3.0	2.1	3173	1.50	2	2.4	<0.1	11.9	262	0.6	0.8	0.1
1047279	Drill Core	6.80	<0.005	0.3	17.1	62.5	260	1.0	2.4	1.9	3109	1.21	2	2.9	<0.1	11.7	275	0.8	1.2	0.2
1047280	Drill Core	6.97	<0.005	1.1	13.0	80.4	391	0.5	2.7	1.8	3540	1.48	6	4.9	<0.1	11.6	255	2.0	1.2	0.2
1047281	Drill Core	6.93	<0.005	1.1	5.2	44.0	248	0.3	2.6	2.3	2517	1.31	6	4.9	<0.1	11.6	240	0.6	1.3	<0.1
1047282	Drill Core	6.73	<0.005	0.5	2.6	40.0	268	0.5	2.6	1.8	1613	1.35	3	4.2	<0.1	11.4	256	0.9	1.0	<0.1
1047283	Drill Core	7.72	<0.005	0.6	2.7	86.7	250	0.4	2.9	2.1	2276	1.29	5	4.6	<0.1	12.0	312	0.8	1.3	<0.1
1047284	Drill Core	6.42	<0.005	0.7	4.7	91.6	250	0.3	2.7	1.9	2817	1.23	17	4.6	<0.1	10.5	290	0.6	1.7	<0.1
1047285	Drill Core	3.44	<0.005	0.7	5.6	158.2	261	0.5	3.8	2.4	2935	1.42	11	4.9	<0.1	11.2	291	1.0	1.6	<0.1
1047286	Drill Core	7.10	<0.005	0.4	5.2	54.9	233	0.2	2.8	2.2	2726	1.25	8	6.6	<0.1	11.7	238	0.6	1.5	<0.1
1047287	Drill Core	7.25	0.005	0.8	6.7	43.4	294	0.2	2.9	2.2	3509	1.47	6	5.4	<0.1	10.0	257	1.0	1.8	<0.1
1047288	Drill Core	6.30	0.014	1.5	23.8	194.7	531	0.9	2.6	2.1	4874	1.34	10	6.5	<0.1	11.0	308	2.8	3.6	<0.1
1047289	Drill Core	1.47	0.129	13.9	3303	242.4	897	6.6	5.5	7.0	3160	3.16	166	2.1	0.1	4.4	245	3.9	65.8	0.5
1047290	Drill Core	7.19	0.010	1.7	27.0	197.1	583	0.5	2.7	2.3	3663	1.25	9	8.3	<0.1	10.4	372	3.0	2.8	<0.1
1047291	Drill Core	4.61	<0.005	0.4	4.3	32.6	190	<0.1	2.7	2.3	2498	1.55	4	3.5	<0.1	9.6	297	0.3	1.7	<0.1
1047292	Drill Core	4.78	0.019	16.3	517.8	11.1	18	0.2	6.0	9.1	40	3.49	1	1.1	<0.1	4.0	274	<0.1	0.5	<0.1
1047293	Drill Core	4.95	0.021	35.9	1976	17.9	48	0.3	9.6	13.2	32	4.59	<1	1.1	<0.1	3.5	304	<0.1	0.4	<0.1
1047294	Drill Core	4.60	0.020	85.3	2023	14.4	40	0.1	11.4	17.9	23	4.66	1	1.2	<0.1	2.8	303	<0.1	0.4	0.1
1047295	Drill Core	4.27	0.053	14.7	2745	16.4	68	0.4	14.8	17.5	29	4.26	2	1.0	<0.1	2.9	329	<0.1	0.6	0.1
1047296	Drill Core	3.16	0.028	38.2	2173	45.7	288	2.2	14.0	20.1	634	4.65	<1	0.8	<0.1	3.1	250	1.3	5.8	0.3
1047297	Drill Core	5.72	0.021	46.0	1068	48.0	138	1.0	10.0	22.2	619	4.83	<1	1.0	<0.1	2.6	220	0.9	1.1	<0.1
1047298	Drill Core	5.68	0.023	36.5	603.9	161.0	532	1.8	6.2	20.3	323	5.02	<1	0.8	<0.1	2.5	252	2.6	1.7	0.4
1047299	Drill Core	2.52	0.029	37.7	867.6	18.1	26	0.1	7.6	19.7	182	4.13	3	0.8	<0.1	2.9	279	<0.1	0.8	0.2
1047300	Drill Core	3.04	0.041	30.7	1575	14.1	32	0.2	9.1	20.9	199	3.92	3	1.0	<0.1	3.5	287	<0.1	0.8	<0.1
1047301	Drill Core	5.57	0.039	60.1	1250	86.6	685	6.0	7.1	18.5	487	4.13	3	0.9	<0.1	3.5	307	3.4	17.7	0.2
1047302	Drill Core	6.68	0.023	48.6	851.6	64.8	401	2.5	4.9	15.4	721	3.48	2	0.7	<0.1	3.6	380	1.6	7.6	0.2
1047303	Rock Pulp	0.07	0.891	24.3	5335	6379	>10000	73.0	50.1	20.2	577	9.15	175	2.1	0.9	2.5	192	245.6	121.0	26.6
1047304	Drill Core	6.99	0.030	73.2	690.9	53.8	303	1.4	4.7	14.8	950	3.26	3	0.7	<0.1	3.3	474	0.9	4.8	0.1
1047305	Drill Core	7.24	0.028	49.5	911.4	132.8	466	7.5	4.4	16.1	904	3.65	2	0.7	<0.1	3.0	505	2.2	8.5	0.3



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CERTIFICATE OF ANALYSIS

SMI11000713.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047276	Drill Core	1.95	0.066	17.1	7	0.42	1055	0.071	6.30	0.096	4.37	0.9	43.3	38	0.6	9.1	8.8	0.9	1	2
1047277	Drill Core	1.94	0.070	18.0	6	0.41	1035	0.068	6.47	0.074	4.37	0.7	42.9	39	0.6	9.0	8.6	0.9	1	2
1047278	Drill Core	1.85	0.068	18.3	7	0.41	1116	0.076	6.62	0.073	4.37	1.0	46.6	39	0.6	9.5	9.1	0.9	2	2
1047279	Drill Core	1.81	0.077	18.4	6	0.42	1143	0.077	6.56	0.072	4.14	0.8	46.9	40	0.5	9.2	8.9	0.9	2	2
1047280	Drill Core	1.85	0.072	18.0	7	0.50	1151	0.073	6.32	0.048	3.23	1.0	44.0	37	0.7	9.1	8.5	0.9	1	2
1047281	Drill Core	1.60	0.075	16.5	6	0.43	993	0.072	6.56	0.048	3.08	1.3	45.8	37	0.6	8.4	9.4	0.9	1	2
1047282	Drill Core	1.50	0.073	15.8	9	0.40	927	0.077	6.44	0.045	2.97	1.1	45.9	35	0.5	8.4	9.2	1.0	1	2
1047283	Drill Core	1.52	0.076	18.9	6	0.43	1028	0.075	6.53	0.041	2.89	0.9	45.1	40	0.5	8.7	9.3	0.9	2	2
1047284	Drill Core	1.63	0.071	14.8	6	0.43	1070	0.075	6.12	0.042	2.95	1.0	45.5	33	0.5	8.4	9.3	0.9	1	2
1047285	Drill Core	1.65	0.075	16.2	7	0.43	1069	0.078	6.43	0.059	3.04	1.1	46.9	34	0.5	8.9	9.4	1.0	1	2
1047286	Drill Core	1.63	0.069	17.6	6	0.47	1054	0.078	6.36	0.042	2.93	1.3	45.1	36	0.4	8.9	9.4	0.9	1	2
1047287	Drill Core	1.72	0.069	13.8	7	0.45	1168	0.072	6.12	0.044	3.12	1.2	44.0	30	0.4	8.4	8.9	0.9	2	2
1047288	Drill Core	1.61	0.072	15.7	6	0.41	1123	0.072	6.34	0.047	3.17	1.5	45.7	34	0.4	8.9	9.0	0.9	1	2
1047289	Drill Core	1.83	0.094	12.2	7	0.58	46	0.114	7.15	0.073	2.75	0.7	13.6	30	2.0	7.4	3.9	0.2	1	5
1047290	Drill Core	1.78	0.069	14.5	6	0.42	1339	0.074	6.03	0.037	2.65	1.2	44.3	33	0.4	8.4	9.2	0.9	2	2
1047291	Drill Core	2.08	0.069	12.6	8	0.52	1029	0.069	6.01	0.041	2.98	1.0	44.6	29	0.4	7.9	8.8	0.9	2	2
1047292	Drill Core	0.24	0.100	11.6	9	0.68	95	0.059	7.96	1.568	2.32	0.7	15.7	30	1.6	4.7	1.1	<0.1	<1	6
1047293	Drill Core	0.30	0.154	11.6	11	0.57	51	0.055	7.95	1.300	2.48	0.8	13.9	32	1.5	8.8	1.0	<0.1	1	6
1047294	Drill Core	0.28	0.139	10.2	11	0.44	50	0.067	7.87	1.214	2.57	1.0	14.6	30	1.9	8.4	1.4	<0.1	1	5
1047295	Drill Core	0.27	0.142	9.2	13	0.40	39	0.058	7.45	1.747	2.59	0.7	14.4	25	1.5	7.7	1.0	<0.1	<1	7
1047296	Drill Core	0.21	0.096	8.6	11	0.51	55	0.080	7.44	0.374	3.47	1.4	11.9	24	1.8	10.1	1.7	0.1	2	6
1047297	Drill Core	0.88	0.119	12.5	11	0.71	38	0.067	6.96	0.983	2.89	1.0	11.9	34	2.1	14.9	1.6	<0.1	1	5
1047298	Drill Core	0.61	0.072	9.6	10	0.52	36	0.063	6.42	0.904	2.68	0.9	13.7	27	2.1	9.8	1.8	<0.1	1	3
1047299	Drill Core	0.76	0.089	10.2	8	0.69	31	0.068	6.31	1.126	2.78	1.0	14.7	28	1.9	10.1	1.6	<0.1	<1	4
1047300	Drill Core	1.02	0.105	13.0	7	0.81	32	0.065	7.06	1.855	2.27	0.6	15.8	35	1.2	11.4	1.3	<0.1	2	5
1047301	Drill Core	0.94	0.096	11.7	9	0.75	32	0.064	6.70	1.339	2.49	0.7	16.6	30	1.0	9.0	1.3	<0.1	2	4
1047302	Drill Core	2.23	0.080	12.7	3	0.64	47	0.056	6.81	1.222	2.45	0.7	14.8	31	1.3	7.3	1.3	<0.1	2	3
1047303	Rock Pulp	1.80	0.054	12.0	29	0.90	243	0.184	3.88	1.334	0.72	1.3	36.8	28	54.2	11.6	4.5	0.2	<1	7
1047304	Drill Core	3.16	0.070	14.7	6	0.66	68	0.052	6.46	0.847	2.25	0.6	14.7	34	1.0	7.3	1.5	<0.1	1	3
1047305	Drill Core	2.42	0.074	10.1	3	0.62	71	0.045	6.28	0.653	2.29	0.5	13.6	25	0.9	6.0	1.2	<0.1	1	3



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Project: Poplar Drilling
Report Date: January 13, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047276	Drill Core	0.4	193.9	2.0
1047277	Drill Core	0.4	191.9	2.2
1047278	Drill Core	0.3	202.0	2.1
1047279	Drill Core	0.3	193.9	2.1
1047280	Drill Core	0.2	168.1	2.2
1047281	Drill Core	0.1	155.7	2.4
1047282	Drill Core	<0.1	138.9	2.1
1047283	Drill Core	<0.1	141.5	2.3
1047284	Drill Core	0.1	131.9	2.3
1047285	Drill Core	0.1	141.0	2.2
1047286	Drill Core	0.2	150.3	2.1
1047287	Drill Core	0.2	135.0	2.0
1047288	Drill Core	0.2	145.0	2.1
1047289	Drill Core	2.8	93.1	0.6
1047290	Drill Core	0.3	129.5	2.0
1047291	Drill Core	0.2	130.4	2.2
1047292	Drill Core	3.1	66.2	0.5
1047293	Drill Core	4.2	76.8	0.5
1047294	Drill Core	4.6	67.4	0.5
1047295	Drill Core	3.9	71.7	0.4
1047296	Drill Core	4.4	97.0	0.4
1047297	Drill Core	4.5	77.7	0.4
1047298	Drill Core	5.1	65.9	0.4
1047299	Drill Core	4.0	66.3	0.5
1047300	Drill Core	3.8	56.3	0.6
1047301	Drill Core	3.9	65.3	0.6
1047302	Drill Core	4.3	64.4	0.5
1047303	Rock Pulp	9.3	25.9	1.0
1047304	Drill Core	4.8	60.0	0.5
1047305	Drill Core	4.5	62.8	0.4



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047306	Drill Core	6.99	0.038	48.8	1238	19.5	74	1.5	5.4	20.7	572	4.07	1	0.8	<0.1	3.3	497	<0.1	3.2	<0.1
1047307	Drill Core	7.14	0.041	34.7	1183	28.0	127	0.4	6.9	21.3	573	4.45	<1	1.1	<0.1	3.1	437	<0.1	0.5	0.1
1047308	Drill Core	7.10	0.034	28.3	996.0	59.2	332	0.8	5.8	22.4	946	5.13	<1	1.0	<0.1	3.0	304	1.3	3.7	<0.1
1047309	Drill Core	7.48	0.034	34.0	1133	12.5	40	0.2	4.7	15.3	253	3.78	1	1.2	<0.1	4.3	400	0.4	0.9	0.4
1047310	Drill Core	7.41	0.053	36.0	1020	8.3	24	0.3	10.1	26.3	206	6.04	<1	1.6	<0.1	4.2	476	0.1	0.4	0.5
1047311	Drill Core	7.93	0.018	10.9	641.2	43.1	108	0.6	6.7	11.0	1218	3.77	5	2.6	<0.1	5.2	785	0.7	4.2	0.3
1047312	Drill Core	7.77	0.018	95.4	503.4	89.2	277	1.4	6.6	18.1	914	4.58	8	2.5	<0.1	4.5	539	1.8	8.4	0.3
1047313	Drill Core	3.42	0.018	117.3	401.7	33.3	90	0.6	6.9	20.0	531	4.39	2	2.2	<0.1	4.5	429	0.7	1.1	0.2
1047314	Drill Core	5.32	0.022	52.9	466.7	27.7	55	0.4	7.0	14.8	546	3.52	4	2.4	<0.1	5.2	692	0.4	3.2	0.1
1047315	Drill Core	4.85	0.020	2.2	375.3	22.9	78	0.4	19.1	14.2	890	4.57	5	1.9	<0.1	3.2	540	0.3	1.4	0.3
1047316	Drill Core	3.83	0.016	9.4	394.9	76.7	232	0.8	6.9	12.9	880	4.52	7	2.2	<0.1	4.9	848	1.3	3.9	0.2
1047317	Drill Core	1.82	<0.005	5.7	128.1	54.7	131	0.8	7.6	13.1	1584	3.11	36	2.4	<0.1	4.6	1212	0.3	11.0	0.1
1047318	Drill Core	6.81	<0.005	5.0	51.4	18.1	92	0.2	8.0	9.8	1539	3.34	9	1.9	<0.1	4.4	823	0.3	3.6	<0.1
1047319	Drill Core	2.27	0.013	4.9	278.0	316.2	878	1.7	8.2	13.3	4336	3.89	23	2.3	<0.1	4.5	577	5.3	14.1	0.2
1047320	Drill Core	7.61	0.014	10.0	453.0	246.6	1510	2.3	7.9	15.7	3730	4.56	9	2.2	<0.1	4.1	409	7.7	6.2	0.2
1047321	Drill Core	7.29	0.014	8.9	495.8	33.2	97	0.4	7.1	13.7	1574	3.93	13	2.3	<0.1	4.8	499	0.6	3.5	0.1
1047322	Drill Core	2.85	0.009	8.5	488.5	39.8	128	0.5	7.0	13.4	1609	3.80	17	2.4	<0.1	4.4	477	0.6	4.2	0.1
1047323	Drill Core	7.51	0.007	6.0	251.9	24.9	71	0.2	7.1	12.2	469	4.03	2	2.1	<0.1	4.4	848	0.5	1.3	0.1
1047324	Drill Core	7.49	0.015	12.9	658.8	13.6	42	0.2	7.5	11.6	462	3.47	2	2.5	<0.1	4.7	779	0.2	0.9	<0.1
1047325	Drill Core	7.19	0.010	16.4	374.3	43.8	135	0.6	7.1	13.2	1031	4.53	3	2.1	<0.1	4.3	614	0.6	2.1	0.1
1047326	Drill Core	7.50	0.008	15.7	247.1	34.0	98	0.3	6.6	12.8	909	4.31	2	2.1	<0.1	4.7	461	0.7	0.9	0.1
1047327	Drill Core	7.57	0.009	14.0	374.1	8.3	25	0.2	6.6	11.7	428	3.81	2	2.1	<0.1	4.5	549	0.1	1.0	0.1
1047328	Drill Core	7.49	0.015	13.3	331.1	11.1	56	0.2	7.1	15.3	588	3.72	3	2.0	<0.1	4.8	551	0.3	1.6	0.2
1047329	Drill Core	7.67	0.007	19.3	399.8	45.4	80	0.3	6.7	12.7	549	4.13	2	2.1	<0.1	4.7	666	0.4	1.1	0.1
1047330	Drill Core	7.45	0.012	73.2	351.6	125.9	237	1.3	7.2	12.9	1657	3.95	9	2.4	<0.1	4.6	709	1.5	7.8	0.1
1047331	Drill Core	7.10	0.009	10.5	344.6	213.5	730	1.9	7.4	15.1	2521	4.36	10	2.4	<0.1	4.3	668	3.8	8.5	<0.1
1047332	Rock	0.41	<0.005	0.4	1.4	1.3	17	<0.1	1.8	0.7	209	0.39	8	0.3	<0.1	<0.1	45	0.1	<0.1	<0.1
1047333	Drill Core	7.14	0.007	11.5	355.1	95.8	325	0.9	6.7	15.4	3208	4.11	7	2.3	<0.1	4.3	759	2.0	6.8	0.1
1047334	Drill Core	6.49	0.015	14.9	500.8	83.0	338	1.4	8.3	18.9	2290	4.21	16	2.7	<0.1	4.3	454	1.9	11.0	0.4
1047335	Drill Core	7.73	<0.005	0.6	37.6	17.4	81	0.4	10.7	6.5	874	2.16	7	3.2	<0.1	7.2	366	0.2	9.4	0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047306	Drill Core	2.36	0.074	11.9	7	0.74	62	0.049	6.57	1.181	1.85	0.3	13.6	30	0.7	6.6	1.0	<0.1	<1	3
1047307	Drill Core	2.29	0.093	11.8	6	0.79	55	0.053	6.76	0.965	1.95	0.4	15.9	30	0.9	7.1	1.1	<0.1	<1	4
1047308	Drill Core	2.12	0.081	12.7	7	0.70	36	0.042	6.43	0.845	1.81	0.4	13.2	30	0.9	6.1	1.0	<0.1	1	3
1047309	Drill Core	2.48	0.080	13.9	3	0.63	47	0.046	6.72	1.867	1.62	0.4	13.7	30	1.3	6.4	1.2	0.1	1	3
1047310	Drill Core	2.73	0.100	15.4	11	0.60	50	0.058	6.45	0.628	2.25	0.8	21.2	35	1.7	6.9	1.3	<0.1	<1	4
1047311	Drill Core	3.28	0.130	16.3	7	0.91	53	0.060	7.04	0.625	2.22	0.7	37.1	35	1.2	8.1	1.3	<0.1	1	5
1047312	Drill Core	2.92	0.123	15.8	12	0.72	53	0.058	6.73	0.377	2.47	0.7	33.9	34	1.6	7.7	1.2	<0.1	1	5
1047313	Drill Core	2.78	0.127	13.3	6	0.76	42	0.056	6.91	0.361	2.35	0.5	33.3	31	1.5	8.1	1.0	<0.1	1	5
1047314	Drill Core	3.34	0.129	18.3	10	1.03	53	0.061	7.13	0.405	2.44	0.7	36.1	40	1.2	9.4	1.5	0.1	1	5
1047315	Drill Core	4.44	0.178	13.7	13	1.24	56	0.097	6.73	0.665	1.98	0.7	64.2	34	1.0	8.9	1.4	<0.1	<1	7
1047316	Drill Core	3.61	0.116	17.1	9	1.06	95	0.059	6.98	0.158	2.61	0.4	32.9	36	1.3	8.0	1.2	<0.1	1	5
1047317	Drill Core	3.88	0.134	17.8	5	1.50	341	0.291	7.32	0.196	2.74	0.6	85.2	38	0.7	9.0	6.0	0.4	2	6
1047318	Drill Core	3.30	0.145	13.8	4	1.41	945	0.353	7.07	0.877	2.81	0.5	102.5	32	0.7	7.8	7.1	0.4	1	5
1047319	Drill Core	2.74	0.146	14.7	8	1.35	164	0.261	7.19	0.101	3.52	0.7	73.4	34	0.9	8.8	4.8	0.3	1	6
1047320	Drill Core	2.66	0.129	12.2	6	1.11	72	0.073	6.96	0.121	2.73	0.7	38.6	30	0.9	8.3	1.4	0.1	2	5
1047321	Drill Core	4.05	0.126	13.7	9	1.03	62	0.063	7.09	0.395	2.45	0.4	39.4	33	0.8	9.5	1.2	0.1	1	5
1047322	Drill Core	3.92	0.125	12.4	6	0.98	53	0.061	6.74	0.316	2.43	0.4	37.0	29	1.1	8.8	1.1	<0.1	1	5
1047323	Drill Core	3.39	0.123	10.6	10	0.95	47	0.058	6.62	0.896	2.17	0.4	35.6	28	0.7	8.2	1.3	<0.1	1	5
1047324	Drill Core	3.50	0.144	11.9	7	0.95	48	0.066	6.94	0.998	2.13	0.6	40.4	29	1.0	8.8	1.4	<0.1	1	5
1047325	Drill Core	3.56	0.117	12.1	9	0.89	40	0.047	6.56	0.738	2.19	0.6	33.1	30	0.8	8.0	1.0	<0.1	1	5
1047326	Drill Core	3.85	0.119	13.5	5	0.96	51	0.038	6.80	0.350	1.80	0.6	32.8	33	0.7	8.5	0.9	<0.1	1	4
1047327	Drill Core	3.60	0.121	11.8	8	0.83	42	0.048	6.68	0.614	1.67	0.7	34.2	29	0.8	8.1	1.1	<0.1	1	5
1047328	Drill Core	3.59	0.132	12.8	7	0.84	50	0.049	6.95	0.382	1.55	0.6	34.3	30	0.9	8.3	1.1	<0.1	1	5
1047329	Drill Core	3.99	0.121	14.4	7	0.91	45	0.051	6.75	0.581	1.59	0.6	32.9	34	0.7	8.8	1.0	<0.1	1	5
1047330	Drill Core	3.76	0.124	13.7	6	0.97	55	0.068	6.96	0.115	2.55	0.5	35.7	32	0.7	9.2	1.2	<0.1	1	5
1047331	Drill Core	3.01	0.122	13.7	6	0.93	47	0.058	6.83	0.076	2.89	0.5	36.7	31	0.8	8.7	1.3	<0.1	1	5
1047332	Rock	19.50	0.021	1.3	<1	11.63	21	0.001	0.07	0.004	0.03	<0.1	0.3	2	<0.1	1.0	0.1	<0.1	<1	<1
1047333	Drill Core	3.01	0.121	13.4	7	0.93	54	0.053	6.85	0.082	2.89	0.5	36.0	32	0.6	8.5	1.2	<0.1	1	5
1047334	Drill Core	2.69	0.131	17.2	8	1.16	63	0.061	7.01	0.090	3.20	0.9	40.5	39	1.0	8.2	1.3	<0.1	2	5
1047335	Drill Core	3.37	0.097	15.4	14	1.15	930	0.234	6.77	0.056	2.78	0.7	90.7	34	0.7	7.8	9.4	0.7	2	5



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047306	Drill Core	4.5	53.6	0.5
1047307	Drill Core	4.8	50.2	0.5
1047308	Drill Core	5.5	62.7	0.4
1047309	Drill Core	4.4	38.3	0.5
1047310	Drill Core	6.7	52.5	0.7
1047311	Drill Core	4.1	54.8	1.2
1047312	Drill Core	5.2	60.5	1.2
1047313	Drill Core	4.8	55.5	1.1
1047314	Drill Core	4.0	60.0	1.3
1047315	Drill Core	4.8	44.6	1.7
1047316	Drill Core	5.1	71.2	1.1
1047317	Drill Core	0.9	86.2	2.4
1047318	Drill Core	0.2	69.3	2.8
1047319	Drill Core	1.4	101.9	2.0
1047320	Drill Core	4.0	79.1	1.2
1047321	Drill Core	4.0	59.6	1.1
1047322	Drill Core	4.1	57.5	1.2
1047323	Drill Core	4.8	49.3	1.1
1047324	Drill Core	4.3	42.6	1.4
1047325	Drill Core	5.6	50.1	1.1
1047326	Drill Core	5.3	42.0	1.1
1047327	Drill Core	4.6	34.0	1.1
1047328	Drill Core	4.6	36.9	1.2
1047329	Drill Core	5.1	35.0	1.0
1047330	Drill Core	4.9	65.0	1.1
1047331	Drill Core	4.6	74.3	1.2
1047332	Rock	<0.1	2.1	<0.1
1047333	Drill Core	4.6	75.4	1.3
1047334	Drill Core	3.6	83.1	1.2
1047335	Drill Core	<0.1	75.8	2.8



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047336	Drill Core	7.07	<0.005	0.4	24.2	18.7	71	0.3	8.6	6.0	955	2.00	8	3.9	<0.1	8.2	278	0.3	3.1	<0.1
1047337	Drill Core	4.53	<0.005	0.4	5.9	18.1	71	0.1	11.4	6.2	1064	2.12	6	3.1	<0.1	6.6	427	0.3	2.8	<0.1
1047338	Drill Core	1.52	0.007	15.2	303.5	36.0	132	1.7	12.9	13.5	1106	3.14	40	4.0	<0.1	4.2	733	0.7	21.2	0.3
1047339	Drill Core	7.61	0.021	6.5	397.2	136.3	694	1.5	6.8	17.2	1930	5.00	4	2.1	<0.1	4.2	402	4.4	3.6	0.3
1047340	Drill Core	3.53	0.018	6.8	383.5	132.4	367	1.5	6.7	14.4	2793	4.53	4	2.2	<0.1	4.5	638	2.0	2.5	0.1
1047341	Drill Core	4.26	0.016	12.0	212.8	80.1	374	1.1	8.2	15.4	1244	4.34	14	3.6	<0.1	4.2	765	2.3	3.5	0.3
1047342	Drill Core	5.05	<0.005	0.7	30.5	18.8	94	0.5	9.8	7.0	947	2.27	5	3.0	<0.1	7.3	285	0.3	3.9	0.1
1047343	Drill Core	3.56	0.006	0.8	26.3	16.1	73	0.4	8.4	6.1	692	1.90	8	3.5	<0.1	7.9	305	0.4	2.0	<0.1
1047344	Drill Core	6.68	<0.005	1.5	52.1	23.4	81	0.4	11.3	7.2	609	2.14	22	3.1	<0.1	6.4	585	0.5	2.8	0.3
1047345	Rock Pulp	0.10	0.939	22.5	5200	6200	>10000	71.3	48.6	20.1	556	8.90	434	2.1	0.7	2.3	155	235.5	112.2	27.4
1047346	Drill Core	6.22	0.029	113.9	1361	61.3	160	2.4	10.2	29.8	697	3.55	161	2.9	<0.1	4.3	1706	1.0	15.5	0.5
1047347	Drill Core	5.39	0.034	29.5	1332	36.3	125	1.4	9.8	24.1	733	4.16	62	8.8	<0.1	4.5	1037	0.8	5.0	0.3
1047348	Drill Core	7.97	0.046	31.4	1668	25.8	88	0.7	12.2	26.1	421	4.14	13	2.3	<0.1	4.4	636	0.4	0.7	0.1
1047349	Drill Core	7.44	0.040	17.0	1120	15.9	162	0.4	9.8	19.8	347	3.48	14	1.4	<0.1	4.5	537	0.9	0.9	0.1
1047350	Drill Core	7.54	0.020	14.9	695.2	18.2	58	0.6	5.4	15.0	319	3.07	10	1.1	<0.1	4.5	568	0.3	0.7	<0.1
1047351	Drill Core	5.32	0.093	5.1	2486	10.1	35	0.4	6.9	17.5	219	3.56	4	0.9	<0.1	4.0	561	0.1	0.3	0.1
1047352	Drill Core	4.49	0.060	9.3	2229	38.7	119	1.1	7.3	19.1	490	2.91	7	0.9	<0.1	4.1	578	0.5	0.8	0.2
1047353	Drill Core	7.41	0.115	6.2	3315	11.3	42	0.6	6.6	17.1	159	2.63	6	0.6	<0.1	4.1	615	0.1	0.3	<0.1
1047354	Drill Core	7.32	0.095	7.8	2765	12.4	37	0.5	6.1	13.7	141	2.54	6	0.5	<0.1	4.1	712	0.2	0.3	0.1
1047355	Drill Core	7.85	0.086	35.8	3238	17.8	63	1.0	9.9	21.1	374	2.99	6	0.5	0.2	3.6	373	0.4	0.5	0.2
1047356	Drill Core	6.95	0.110	12.4	3961	16.4	50	0.9	9.5	17.3	395	2.96	9	0.7	0.1	3.9	335	0.2	0.6	0.2
1047357	Drill Core	7.48	0.130	20.0	4147	16.1	65	0.9	11.0	15.0	267	2.77	7	0.7	0.1	4.4	318	0.3	0.6	0.1
1047358	Drill Core	7.65	0.156	31.9	4883	29.9	82	1.3	11.1	17.9	240	3.26	4	0.6	<0.1	4.8	440	0.5	0.8	0.1
1047359	Drill Core	7.67	0.013	22.7	518.9	20.4	65	0.3	6.4	15.9	306	4.26	4	1.1	<0.1	3.9	753	0.3	0.4	0.1
1047360	Drill Core	6.90	0.012	24.9	424.3	24.5	97	0.3	5.5	13.3	323	3.44	5	1.0	<0.1	4.3	545	0.5	0.3	0.1
1047361	Drill Core	2.85	0.009	36.0	371.2	18.8	71	0.3	5.5	12.2	315	3.13	5	1.0	0.1	4.0	527	0.4	0.3	0.1
1047362	Drill Core	4.34	0.014	15.6	832.4	12.2	48	0.4	7.9	25.4	198	4.54	7	1.1	<0.1	3.5	479	0.3	0.9	0.1
1047363	Drill Core	3.22	<0.005	2.9	68.1	12.1	108	0.3	14.9	9.9	684	2.44	18	2.3	<0.1	5.0	933	0.1	2.6	0.1
1047364	Drill Core	6.91	0.012	32.5	580.6	27.3	114	0.5	6.7	21.0	553	3.64	8	0.9	<0.1	3.9	531	0.6	0.8	0.2
1047365	Drill Core	5.97	0.017	36.0	830.9	39.6	136	0.9	6.4	20.3	823	2.99	8	0.9	<0.1	4.2	550	0.7	1.2	0.1



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Project: Poplar Drilling
Report Date: January 13, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047336	Drill Core	3.60	0.078	16.0	13	1.09	923	0.186	6.56	0.040	2.61	0.6	72.5	34	0.5	7.6	8.9	0.7	1	4
1047337	Drill Core	3.88	0.101	16.3	15	0.95	934	0.252	6.64	0.055	2.76	0.6	95.2	35	0.5	7.6	9.3	0.7	<1	5
1047338	Drill Core	2.78	0.118	13.5	28	1.08	90	0.180	6.81	0.164	3.11	1.1	66.1	33	1.1	8.3	4.1	0.2	2	6
1047339	Drill Core	2.45	0.128	13.2	4	1.19	72	0.049	7.33	0.084	2.97	0.6	33.1	32	0.8	9.1	0.9	<0.1	1	5
1047340	Drill Core	2.22	0.131	16.1	5	1.01	69	0.046	7.05	0.080	3.09	0.5	33.0	37	0.7	8.6	0.8	<0.1	1	5
1047341	Drill Core	2.14	0.127	13.0	6	0.85	55	0.064	6.86	0.104	2.70	1.0	35.8	32	1.2	8.0	1.5	0.1	1	5
1047342	Drill Core	3.61	0.095	14.2	15	1.13	1026	0.219	6.40	0.051	2.71	0.9	88.1	32	0.7	7.7	9.5	0.7	1	4
1047343	Drill Core	2.98	0.081	16.1	13	0.96	895	0.195	6.78	0.052	2.98	0.8	75.9	34	0.5	7.2	9.3	0.7	1	4
1047344	Drill Core	3.09	0.096	16.5	17	1.01	921	0.234	6.83	0.528	2.79	0.7	96.9	33	0.7	7.5	9.0	0.7	1	5
1047345	Rock Pulp	1.75	0.043	11.1	41	0.90	209	0.167	3.81	1.158	0.67	1.1	34.3	23	51.2	10.9	4.4	0.2	<1	7
1047346	Drill Core	2.76	0.132	15.9	8	0.88	139	0.066	6.89	0.190	2.66	0.5	26.3	32	1.5	7.8	1.3	<0.1	<1	6
1047347	Drill Core	2.51	0.108	16.9	5	1.10	102	0.051	6.84	0.122	2.70	0.4	21.9	35	1.4	8.5	1.0	<0.1	<1	5
1047348	Drill Core	1.84	0.102	16.0	6	0.86	106	0.053	7.10	1.032	2.47	0.2	21.9	34	0.9	9.4	0.9	<0.1	<1	7
1047349	Drill Core	2.38	0.113	15.0	9	0.86	98	0.063	7.03	1.522	2.16	0.2	25.6	31	0.8	8.6	1.3	<0.1	<1	6
1047350	Drill Core	2.50	0.119	12.6	3	0.88	143	0.053	7.06	0.767	2.34	0.4	21.7	27	1.0	7.6	1.2	<0.1	1	5
1047351	Drill Core	2.33	0.105	9.8	6	0.83	97	0.059	6.52	1.523	1.70	0.2	15.2	22	1.1	6.5	1.3	<0.1	1	5
1047352	Drill Core	2.36	0.090	9.6	4	0.77	102	0.049	6.57	0.969	2.39	0.4	13.3	21	1.5	6.3	1.3	0.1	<1	5
1047353	Drill Core	2.41	0.088	8.3	6	0.84	92	0.074	6.52	1.637	1.87	0.2	11.3	19	1.2	6.4	1.7	0.1	<1	5
1047354	Drill Core	2.58	0.091	9.3	7	0.78	103	0.080	6.68	1.446	2.20	0.2	10.7	20	1.5	7.1	1.7	0.1	1	5
1047355	Drill Core	2.09	0.084	7.7	8	0.84	116	0.054	6.36	0.870	2.41	0.4	9.6	16	1.3	5.6	1.3	<0.1	<1	5
1047356	Drill Core	2.07	0.102	9.3	10	0.88	152	0.063	6.71	0.493	2.39	0.3	11.1	20	1.3	6.7	1.4	<0.1	<1	5
1047357	Drill Core	1.83	0.083	9.3	14	0.94	137	0.066	6.59	1.084	1.97	0.2	11.2	20	1.5	6.3	1.4	<0.1	<1	6
1047358	Drill Core	1.89	0.082	8.8	11	0.81	60	0.074	6.22	1.412	2.31	0.2	12.4	19	1.6	6.0	1.4	<0.1	<1	5
1047359	Drill Core	2.95	0.115	9.9	4	0.89	56	0.069	6.15	1.510	2.27	0.2	18.1	23	0.7	8.2	1.2	<0.1	<1	5
1047360	Drill Core	2.91	0.125	11.0	4	0.89	83	0.058	6.51	1.413	2.35	0.3	16.3	24	0.7	8.0	1.0	<0.1	1	5
1047361	Drill Core	3.18	0.119	10.7	5	0.85	105	0.062	6.28	1.308	2.33	0.4	16.7	24	0.7	7.6	1.1	<0.1	<1	5
1047362	Drill Core	2.89	0.106	12.0	<1	0.87	35	0.045	5.79	1.558	2.52	0.3	14.6	28	0.7	7.0	0.9	<0.1	<1	3
1047363	Drill Core	3.67	0.121	18.0	20	1.24	1134	0.308	6.69	1.423	2.66	0.5	124.2	38	0.7	8.2	9.4	0.5	1	6
1047364	Drill Core	2.58	0.114	10.5	5	0.79	92	0.065	6.63	1.369	2.66	0.4	15.4	23	1.1	7.1	1.2	<0.1	<1	5
1047365	Drill Core	3.05	0.112	10.9	6	0.79	87	0.096	6.64	1.652	2.51	0.8	17.1	23	1.2	8.6	1.5	0.1	<1	5



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047336	Drill Core	0.1	81.2	2.2
1047337	Drill Core	<0.1	69.0	2.9
1047338	Drill Core	1.5	98.4	1.9
1047339	Drill Core	4.5	84.5	1.1
1047340	Drill Core	4.1	92.0	1.1
1047341	Drill Core	3.8	79.2	1.2
1047342	Drill Core	<0.1	96.7	2.6
1047343	Drill Core	<0.1	94.9	2.4
1047344	Drill Core	<0.1	77.3	3.0
1047345	Rock Pulp	9.9	22.3	1.1
1047346	Drill Core	3.3	73.5	0.7
1047347	Drill Core	4.1	67.6	0.6
1047348	Drill Core	4.5	65.7	0.7
1047349	Drill Core	4.2	64.3	0.8
1047350	Drill Core	3.9	59.8	0.8
1047351	Drill Core	4.2	45.1	0.5
1047352	Drill Core	4.0	57.2	0.4
1047353	Drill Core	3.4	43.8	0.4
1047354	Drill Core	3.4	51.0	0.4
1047355	Drill Core	3.6	56.0	0.3
1047356	Drill Core	3.1	54.3	0.4
1047357	Drill Core	2.6	53.2	0.3
1047358	Drill Core	3.7	58.8	0.3
1047359	Drill Core	5.5	54.1	0.6
1047360	Drill Core	4.8	50.9	0.6
1047361	Drill Core	4.6	44.5	0.6
1047362	Drill Core	6.3	48.9	0.5
1047363	Drill Core	0.3	81.4	3.2
1047364	Drill Core	4.7	59.7	0.6
1047365	Drill Core	4.0	60.8	0.6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047366	Drill Core	4.92	0.028	13.7	1120	21.5	71	0.6	10.5	24.3	458	3.88	6	1.0	<0.1	4.3	665	0.4	0.4	<0.1
1047367	Drill Core	6.95	0.028	39.6	951.3	31.8	215	0.5	7.8	26.8	430	3.23	33	1.5	<0.1	4.9	339	1.3	3.3	<0.1
1047368	Drill Core	5.15	0.019	13.7	910.9	16.6	60	0.3	5.4	16.9	478	3.07	53	1.6	<0.1	4.7	262	0.1	1.7	<0.1
1047369	Drill Core	7.45	0.016	44.0	635.4	42.0	86	0.5	6.3	29.7	523	3.83	73	1.6	<0.1	4.7	274	0.4	3.0	0.1
1047370	Drill Core	5.81	0.021	171.1	1039	34.1	109	0.7	6.7	33.2	723	3.60	73	1.6	<0.1	5.5	273	0.5	3.6	0.2
1047371	Drill Core	3.35	0.036	114.4	1116	8.2	41	0.4	5.9	21.8	808	3.18	23	1.5	<0.1	4.7	218	0.1	1.2	0.1
1047372	Drill Core	7.09	0.025	17.3	791.8	75.7	197	1.3	8.2	15.7	972	3.66	66	1.7	<0.1	5.1	237	0.9	8.9	0.3
1047373	Drill Core	5.25	0.019	28.9	655.4	31.4	90	0.4	5.7	23.5	315	3.45	6	1.4	<0.1	4.2	977	0.5	0.6	0.2
1047374	Drill Core	3.92	0.023	18.1	912.7	11.4	48	0.3	5.7	21.9	222	3.21	6	1.3	<0.1	4.5	871	0.1	0.8	0.1
1047375	Drill Core	7.21	0.014	73.9	618.5	49.7	203	0.6	5.8	15.9	785	2.69	40	1.5	<0.1	4.9	476	1.0	3.8	0.2
1047376	Drill Core	7.26	0.026	26.6	1030	99.0	301	1.2	6.1	20.2	1170	3.27	78	1.7	<0.1	5.3	230	1.7	7.7	0.2
1047377	Rock	0.43	<0.005	0.1	2.3	1.2	18	<0.1	2.2	0.8	213	0.43	13	0.3	<0.1	<0.1	96	<0.1	<0.1	<0.1
1047378	Drill Core	7.58	0.027	46.0	1330	50.1	158	1.4	7.2	28.2	1473	3.05	147	2.0	<0.1	5.4	321	0.8	5.3	0.3
1047379	Drill Core	6.88	0.024	55.4	978.3	46.0	142	0.8	5.1	18.9	888	3.08	81	1.6	<0.1	5.4	367	0.5	1.9	0.1
1047380	Drill Core	7.23	0.026	30.5	957.8	13.2	51	0.3	5.1	19.0	426	3.05	55	1.8	<0.1	5.3	384	0.1	1.1	<0.1
1047381	Drill Core	6.99	0.036	13.2	1343	27.9	169	1.1	7.9	21.6	742	2.88	293	2.1	<0.1	5.1	497	0.7	9.0	0.1
1047382	Drill Core	3.96	0.071	4.5	1535	598.3	1626	5.1	8.4	30.2	1844	3.48	214	2.0	<0.1	5.3	351	8.9	11.6	0.6
1047383	Drill Core	4.38	0.050	65.2	2428	131.3	373	3.2	10.9	45.7	1848	3.60	343	1.9	<0.1	5.6	322	2.0	31.5	0.4
1047384	Drill Core	4.66	0.074	63.6	2872	51.1	148	1.3	14.2	51.0	851	3.54	133	1.9	<0.1	4.7	298	0.7	3.1	0.3
1047385	Drill Core	2.99	0.053	3.3	1643	6.4	28	0.3	6.4	13.9	151	3.99	2	1.2	<0.1	5.2	392	<0.1	0.2	0.3
1047386	Drill Core	2.42	0.058	2.7	1381	6.6	26	0.3	6.2	11.7	170	3.42	2	1.1	<0.1	5.3	409	<0.1	0.2	0.3
1047387	Drill Core	6.33	0.038	5.0	1257	20.0	100	0.4	6.0	13.2	400	4.12	2	0.9	<0.1	4.3	217	0.5	0.8	0.4
1047388	Drill Core	7.35	0.047	13.6	1459	19.8	91	0.4	6.0	17.5	333	5.17	1	0.7	<0.1	3.7	167	0.4	0.5	0.6
1047389	Drill Core	6.86	0.078	3.6	1694	7.2	25	0.4	4.7	15.3	240	5.42	<1	0.7	<0.1	3.8	228	<0.1	0.6	0.6
1047390	Drill Core	2.80	0.116	2.5	2326	7.4	37	0.5	5.2	12.5	222	4.46	2	0.7	0.1	5.4	313	0.1	0.6	0.4
1047391	Drill Core	3.05	0.090	2.1	1880	6.4	26	0.4	4.7	10.9	175	3.80	<1	0.8	<0.1	4.8	436	<0.1	0.2	0.2
1047392	Drill Core	3.86	0.098	1.4	2195	9.2	35	0.4	5.8	10.4	153	4.11	<1	1.0	0.1	4.8	393	0.1	0.2	0.3
1047393	Drill Core	5.42	0.024	1.3	575.0	7.1	28	0.2	4.3	8.5	176	3.69	1	1.3	<0.1	4.8	388	<0.1	0.7	0.3
1047394	Rock Pulp	0.11	0.903	22.4	5192	6213	>10000	74.7	46.9	20.4	542	9.23	478	2.2	1.2	2.2	156	232.6	117.4	27.4
1047395	Drill Core	6.52	0.037	1.4	724.3	6.9	30	0.2	5.4	8.7	136	3.85	1	1.5	<0.1	5.8	348	<0.1	0.4	0.4



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880 - 609 Granville St.
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Project: Poplar Drilling
Report Date: January 13, 2012

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CERTIFICATE OF ANALYSIS

SMI11000713.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047366	Drill Core	2.66	0.117	11.3	5	0.86	55	0.080	6.18	1.577	2.39	0.5	15.9	25	1.0	8.4	1.6	<0.1	2	5
1047367	Drill Core	2.14	0.112	15.6	7	0.97	145	0.083	7.23	0.425	2.49	0.6	19.9	32	0.8	8.5	1.3	<0.1	1	6
1047368	Drill Core	2.73	0.121	13.3	7	0.84	200	0.104	6.67	0.150	2.14	0.6	23.9	28	0.9	8.3	2.0	0.1	1	5
1047369	Drill Core	2.56	0.125	17.0	6	1.00	99	0.077	6.88	0.173	2.66	1.0	23.1	37	0.9	9.3	1.3	<0.1	<1	5
1047370	Drill Core	1.89	0.118	22.0	5	1.04	136	0.057	7.75	0.069	3.25	1.3	20.6	45	1.1	9.2	1.2	<0.1	1	5
1047371	Drill Core	2.60	0.120	16.3	6	0.96	170	0.089	6.94	0.061	2.53	0.5	23.3	33	0.9	7.9	1.4	<0.1	<1	5
1047372	Drill Core	2.42	0.122	16.5	10	0.90	182	0.134	7.25	0.118	2.82	1.4	26.4	33	1.3	9.7	2.1	0.1	1	6
1047373	Drill Core	2.97	0.125	12.3	7	0.83	93	0.106	6.29	1.241	2.20	0.5	25.8	26	1.0	8.6	1.6	<0.1	1	5
1047374	Drill Core	2.57	0.113	14.6	7	0.88	139	0.091	6.86	1.537	2.30	0.5	24.0	30	0.8	9.1	1.5	<0.1	<1	5
1047375	Drill Core	3.17	0.111	17.0	6	1.00	251	0.096	7.24	0.189	2.81	1.3	24.5	34	1.0	9.5	1.5	<0.1	<1	5
1047376	Drill Core	2.21	0.124	19.1	7	1.07	170	0.109	7.65	0.054	2.68	1.2	24.8	38	1.1	9.5	1.5	0.1	1	6
1047377	Rock	22.05	0.017	0.6	<1	12.29	1835	0.003	0.06	0.002	0.03	<0.1	0.2	1	<0.1	0.8	0.1	<0.1	<1	<1
1047378	Drill Core	2.13	0.131	19.0	3	1.06	341	0.077	7.57	0.061	3.30	2.6	24.0	38	1.4	8.9	1.2	<0.1	1	6
1047379	Drill Core	2.23	0.130	17.2	5	0.99	109	0.114	7.64	0.066	2.64	1.9	22.6	38	1.0	10.2	1.8	0.1	1	5
1047380	Drill Core	2.96	0.133	15.5	7	1.03	112	0.148	7.41	0.058	2.13	1.5	26.0	35	1.0	10.8	2.2	0.1	1	5
1047381	Drill Core	2.42	0.111	13.3	8	0.92	164	0.157	7.29	0.050	2.08	1.1	22.9	30	1.0	8.6	2.6	0.2	1	5
1047382	Drill Core	2.90	0.120	13.4	8	0.91	136	0.200	7.00	0.090	2.51	2.3	23.4	30	1.4	9.1	3.7	0.3	1	5
1047383	Drill Core	2.52	0.124	20.0	8	0.98	125	0.151	6.83	0.370	2.59	1.7	18.7	45	1.4	10.2	1.9	0.1	1	5
1047384	Drill Core	2.64	0.130	16.2	9	0.88	112	0.167	7.16	1.126	2.28	1.1	21.9	38	1.1	9.3	2.4	0.1	2	5
1047385	Drill Core	1.87	0.134	13.0	11	0.85	118	0.243	7.72	2.864	2.20	0.2	22.7	30	1.2	10.8	5.3	0.3	1	6
1047386	Drill Core	2.13	0.131	13.0	9	0.82	149	0.228	7.59	2.758	2.20	0.1	22.0	30	1.0	10.0	4.9	0.3	1	6
1047387	Drill Core	2.62	0.121	9.3	10	0.89	50	0.162	6.93	1.386	1.87	0.1	17.7	23	1.1	7.2	2.9	0.2	1	5
1047388	Drill Core	2.21	0.110	6.7	9	0.73	31	0.090	6.57	1.131	1.91	0.1	15.3	17	1.8	7.2	1.6	<0.1	2	4
1047389	Drill Core	1.85	0.116	6.5	9	0.81	30	0.159	6.58	1.682	2.10	0.1	14.4	17	1.0	6.8	3.4	0.2	<1	5
1047390	Drill Core	2.13	0.112	8.3	11	0.99	49	0.197	7.04	2.252	1.94	<0.1	14.1	21	1.3	7.7	4.3	0.3	2	6
1047391	Drill Core	2.05	0.116	9.4	10	0.81	111	0.221	7.60	2.967	2.17	<0.1	17.0	21	0.9	9.1	5.4	0.3	1	5
1047392	Drill Core	1.93	0.119	9.7	10	0.82	77	0.199	7.32	2.689	2.18	<0.1	19.0	23	1.2	8.3	4.8	0.3	2	5
1047393	Drill Core	2.05	0.133	11.3	8	0.84	53	0.138	7.36	2.237	2.07	<0.1	29.0	28	1.1	8.8	3.1	0.2	1	5
1047394	Rock Pulp	1.82	0.051	10.2	34	0.90	125	0.198	3.74	1.310	0.71	1.1	31.9	23	52.9	11.5	4.4	0.2	<1	7
1047395	Drill Core	1.69	0.137	14.7	9	0.77	51	0.102	7.98	1.608	2.37	0.1	32.3	34	2.1	9.0	2.1	0.1	1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047366	Drill Core	4.7	53.8	0.5
1047367	Drill Core	3.1	56.7	0.7
1047368	Drill Core	2.5	35.3	0.8
1047369	Drill Core	3.6	50.9	0.7
1047370	Drill Core	3.4	76.3	0.7
1047371	Drill Core	2.6	50.1	0.8
1047372	Drill Core	3.1	76.0	0.9
1047373	Drill Core	3.7	53.9	0.9
1047374	Drill Core	3.5	57.4	0.9
1047375	Drill Core	2.3	64.5	0.9
1047376	Drill Core	2.8	76.9	0.9
1047377	Rock	<0.1	1.6	<0.1
1047378	Drill Core	2.6	85.5	0.9
1047379	Drill Core	2.5	71.0	0.9
1047380	Drill Core	2.3	46.5	0.9
1047381	Drill Core	1.9	55.2	0.9
1047382	Drill Core	2.4	66.2	0.8
1047383	Drill Core	2.5	90.4	0.6
1047384	Drill Core	2.7	72.6	0.9
1047385	Drill Core	2.3	57.2	0.8
1047386	Drill Core	1.7	51.9	0.8
1047387	Drill Core	3.4	39.6	0.6
1047388	Drill Core	5.0	37.8	0.5
1047389	Drill Core	5.0	43.5	0.5
1047390	Drill Core	3.4	48.0	0.4
1047391	Drill Core	1.9	49.4	0.6
1047392	Drill Core	2.5	49.1	0.7
1047393	Drill Core	3.3	44.7	1.1
1047394	Rock Pulp	9.5	22.3	0.9
1047395	Drill Core	3.3	56.4	1.1



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Poplar Drilling

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Part 1

QUALITY CONTROL REPORT

SMI11000713.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1047301	Drill Core	5.57	0.039	60.1	1250	86.6	685	6.0	7.1	18.5	487	4.13	3	0.9	<0.1	3.5	307	3.4	17.7	0.2	41
REP 1047301	QC	0.050																			
1047302	Drill Core	6.68	0.023	48.6	851.6	64.8	401	2.5	4.9	15.4	721	3.48	2	0.7	<0.1	3.6	380	1.6	7.6	0.2	33
REP 1047302	QC	49.9 832.5 64.9 368 2.4 4.3 15.0 722 3.45 2 0.7 <0.1 3.3 364 1.9 8.1 0.2 33																			
1047312	Drill Core	7.77	0.018	95.4	503.4	89.2	277	1.4	6.6	18.1	914	4.58	8	2.5	<0.1	4.5	539	1.8	8.4	0.3	53
REP 1047312	QC	93.1 512.4 91.0 266 1.4 6.9 19.2 917 4.62 8 2.4 <0.1 4.4 532 1.7 8.5 0.3 53																			
1047319	Drill Core	2.27	0.013	4.9	278.0	316.2	878	1.7	8.2	13.3	4336	3.89	23	2.3	<0.1	4.5	577	5.3	14.1	0.2	84
REP 1047319	QC	0.020																			
1047344	Drill Core	6.68	<0.005	1.5	52.1	23.4	81	0.4	11.3	7.2	609	2.14	22	3.1	<0.1	6.4	585	0.5	2.8	0.3	58
REP 1047344	QC	<0.005 1.6 53.6 22.3 76 0.3 12.2 8.3 648 2.21 22 3.3 <0.1 6.4 572 0.3 2.8 0.3 59																			
1047379	Drill Core	6.88	0.024	55.4	978.3	46.0	142	0.8	5.1	18.9	888	3.08	81	1.6	<0.1	5.4	367	0.5	1.9	0.1	54
REP 1047379	QC	50.3 932.2 44.2 133 0.9 5.0 17.9 877 2.90 82 1.6 <0.1 5.2 346 0.6 2.3 0.1 53																			
1047380	Drill Core	7.23	0.026	30.5	957.8	13.2	51	0.3	5.1	19.0	426	3.05	55	1.8	<0.1	5.3	384	0.1	1.1	<0.1	60
REP 1047380	QC	0.027																			
Core Reject Duplicates																					
1047282	Drill Core	6.73	<0.005	0.5	2.6	40.0	268	0.5	2.6	1.8	1613	1.35	3	4.2	<0.1	11.4	256	0.9	1.0	<0.1	23
DUP 1047282	QC	<0.005 0.3 2.0 39.2 262 0.3 2.9 2.1 1623 1.21 4 4.1 <0.1 12.0 262 0.8 1.1 <0.1 23																			
1047317	Drill Core	1.82	<0.005	5.7	128.1	54.7	131	0.8	7.6	13.1	1584	3.11	36	2.4	<0.1	4.6	1212	0.3	11.0	0.1	86
DUP 1047317	QC	<0.005 4.7 139.3 50.9 136 0.8 8.5 14.3 1614 3.23 38 2.2 <0.1 4.5 1236 0.3 11.7 0.1 87																			
1047352	Drill Core	4.49	0.060	9.3	2229	38.7	119	1.1	7.3	19.1	490	2.91	7	0.9	<0.1	4.1	578	0.5	0.8	0.2	41
DUP 1047352	QC	0.075 9.8 2325 37.5 130 1.1 7.0 19.1 509 3.11 8 0.8 <0.1 3.8 556 0.6 0.8 0.1 41																			
1047387	Drill Core	6.33	0.038	5.0	1257	20.0	100	0.4	6.0	13.2	400	4.12	2	0.9	<0.1	4.3	217	0.5	0.8	0.4	64
DUP 1047387	QC	0.039 4.7 1292 21.0 100 0.5 5.5 12.8 384 4.02 1 0.8 <0.1 4.1 214 0.5 0.9 0.5 64																			
Reference Materials																					
STD OREAS24P	Standard	1.4 43.4 2.9 108 <0.1 133.2 42.9 1052 7.31 3 0.5 <0.1 2.6 418 0.1 <0.1 <0.1 161																			
STD OREAS24P	Standard	1.5 48.9 3.0 119 <0.1 143.0 45.2 1088 7.49 3 0.7 <0.1 3.0 384 0.2 0.1 <0.1 164																			
STD OREAS24P	Standard	1.4 49.3 2.8 112 <0.1 138.4 43.4 1074 7.25 4 0.7 <0.1 2.8 377 <0.1 <0.1 <0.1 152																			
STD OREAS24P	Standard	1.7 56.3 2.6 132 <0.1 154.2 48.8 998 7.19 6 0.6 <0.1 2.7 385 <0.1 <0.1 <0.1 159																			



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QUALITY CONTROL REPORT

SMI11000713.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
1047301	Drill Core	0.94	0.096	11.7	9	0.75	32	0.064	6.70	1.339	2.49	0.7	16.6	30	1.0	9.0	1.3	<0.1	2	4	7.8
REP 1047301	QC																				
1047302	Drill Core	2.23	0.080	12.7	3	0.64	47	0.056	6.81	1.222	2.45	0.7	14.8	31	1.3	7.3	1.3	<0.1	2	3	7.6
REP 1047302	QC	2.19	0.077	11.2	4	0.63	49	0.056	6.73	1.181	2.39	0.6	14.5	28	1.5	6.8	1.4	<0.1	<1	3	7.6
1047312	Drill Core	2.92	0.123	15.8	12	0.72	53	0.058	6.73	0.377	2.47	0.7	33.9	34	1.6	7.7	1.2	<0.1	1	5	9.4
REP 1047312	QC	2.91	0.120	15.3	11	0.72	36	0.059	6.66	0.376	2.46	0.7	34.3	33	1.6	7.9	1.2	<0.1	1	5	9.9
1047319	Drill Core	2.74	0.146	14.7	8	1.35	164	0.261	7.19	0.101	3.52	0.7	73.4	34	0.9	8.8	4.8	0.3	1	6	21.4
REP 1047319	QC																				
1047344	Drill Core	3.09	0.096	16.5	17	1.01	921	0.234	6.83	0.528	2.79	0.7	96.9	33	0.7	7.5	9.0	0.7	1	5	19.5
REP 1047344	QC	3.18	0.093	16.9	15	1.04	896	0.241	7.00	0.529	2.87	0.6	96.2	34	0.7	7.7	9.4	0.7	1	5	19.1
1047379	Drill Core	2.23	0.130	17.2	5	0.99	109	0.114	7.64	0.066	2.64	1.9	22.6	38	1.0	10.2	1.8	0.1	1	5	52.1
REP 1047379	QC	2.15	0.128	16.4	6	0.98	75	0.114	7.51	0.066	2.67	1.8	21.7	36	1.0	10.1	1.7	0.1	1	5	49.7
1047380	Drill Core	2.96	0.133	15.5	7	1.03	112	0.148	7.41	0.058	2.13	1.5	26.0	35	1.0	10.8	2.2	0.1	1	5	83.6
REP 1047380	QC																				
Core Reject Duplicates																					
1047282	Drill Core	1.50	0.073	15.8	9	0.40	927	0.077	6.44	0.045	2.97	1.1	45.9	35	0.5	8.4	9.2	1.0	1	2	16.8
DUP 1047282	QC	1.51	0.076	17.8	6	0.40	958	0.076	6.55	0.046	3.02	1.0	46.4	39	0.5	8.6	9.3	0.9	1	2	18.1
1047317	Drill Core	3.88	0.134	17.8	5	1.50	341	0.291	7.32	0.196	2.74	0.6	85.2	38	0.7	9.0	6.0	0.4	2	6	17.7
DUP 1047317	QC	3.98	0.134	16.8	6	1.50	242	0.298	7.29	0.197	2.78	0.7	88.4	37	0.7	8.8	5.9	0.3	2	6	18.4
1047352	Drill Core	2.36	0.090	9.6	4	0.77	102	0.049	6.57	0.969	2.39	0.4	13.3	21	1.5	6.3	1.3	0.1	<1	5	6.5
DUP 1047352	QC	2.38	0.098	8.6	5	0.77	132	0.050	6.50	0.967	2.40	0.6	13.3	19	1.5	5.9	1.5	<0.1	<1	5	5.9
1047387	Drill Core	2.62	0.121	9.3	10	0.89	50	0.162	6.93	1.386	1.87	0.1	17.7	23	1.1	7.2	2.9	0.2	1	5	9.4
DUP 1047387	QC	2.61	0.117	7.5	9	0.87	55	0.163	6.81	1.364	1.80	0.1	18.2	19	1.1	6.7	3.0	0.2	1	5	9.9
Reference Materials																					
STD OREAS24P	Standard	5.43	0.134	17.0	180	4.17	274	1.049	7.76	2.505	0.65	0.5	135.5	39	1.5	21.4	18.4	1.1	1	19	7.8
STD OREAS24P	Standard	5.57	0.137	18.3	191	4.27	289	1.079	7.86	2.612	0.67	0.5	133.9	37	1.6	21.0	18.8	1.1	1	19	7.8
STD OREAS24P	Standard	5.44	0.135	18.6	186	4.09	280	1.066	7.66	2.378	0.62	0.5	132.1	37	1.5	23.9	18.6	1.1	<1	17	8.0
STD OREAS24P	Standard	5.96	0.127	18.3	203	4.12	272	1.062	7.74	2.492	0.68	0.4	137.8	36	1.5	22.0	20.0	1.1	<1	20	7.4



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 13, 2012

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000713.2

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1047301	Drill Core	3.9	65.3	0.6
REP 1047301	QC			
1047302	Drill Core	4.3	64.4	0.5
REP 1047302	QC	4.3	62.3	0.6
1047312	Drill Core	5.2	60.5	1.2
REP 1047312	QC	5.2	59.6	1.1
1047319	Drill Core	1.4	101.9	2.0
REP 1047319	QC			
1047344	Drill Core	<0.1	77.3	3.0
REP 1047344	QC	<0.1	81.4	2.6
1047379	Drill Core	2.5	71.0	0.9
REP 1047379	QC	2.4	67.6	0.8
1047380	Drill Core	2.3	46.5	0.9
REP 1047380	QC			
Core Reject Duplicates				
1047282	Drill Core	<0.1	138.9	2.1
DUP 1047282	QC	<0.1	142.9	2.3
1047317	Drill Core	0.9	86.2	2.4
DUP 1047317	QC	0.9	81.2	2.2
1047352	Drill Core	4.0	57.2	0.4
DUP 1047352	QC	4.1	51.3	0.5
1047387	Drill Core	3.4	39.6	0.6
DUP 1047387	QC	3.3	33.3	0.6
Reference Materials				
STD OREAS24P	Standard	<0.1	24.2	3.5
STD OREAS24P	Standard	<0.1	22.3	3.6
STD OREAS24P	Standard	<0.1	21.0	3.4
STD OREAS24P	Standard	<0.1	22.3	3.3



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Project: Poplar Drilling

Report Date: January 13, 2012

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000713.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.4	636.8	23.3	84	0.4	342.1	103.4	1142	18.45	11	2.1	<0.1	10.1	42	<0.1	0.6	<0.1	260
STD OREAS45C	Standard			2.2	621.3	25.6	81	0.4	333.0	100.7	1099	18.12	11	2.4	<0.1	11.0	36	0.3	0.8	0.2	250
STD OREAS45C	Standard			2.0	559.6	24.5	72	0.4	317.9	96.0	1073	16.55	11	2.3	<0.1	10.6	37	0.1	0.8	0.2	251
STD OREAS45C	Standard			2.5	632.3	22.6	94	0.3	333.6	108.2	1221	18.26	13	2.1	<0.1	9.8	34	0.2	0.8	0.2	283
STD OXH82	Standard		1.347																		
STD OXH82	Standard		1.314																		
STD OXH82	Standard		1.383																		
STD OXH82	Standard		1.380																		
STD OXH82	Standard		1.327																		
STD OXH82	Standard		1.290																		
STD OXK79	Standard		3.661																		
STD OXK79	Standard		3.797																		
STD OXK79	Standard		3.793																		
STD OXK79	Standard		3.692																		
STD OXK79	Standard		3.828																		
STD OXK79	Standard		3.622																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
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Report Date: January 13, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000713.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.48	0.050	24.7	900	0.28	295	1.181	7.52	0.114	0.33	1.0	170.2	54	2.6	12.3	21.5	1.5	<1	62	15.7
STD OREAS45C	Standard	0.47	0.052	25.5	933	0.26	292	1.149	7.15	0.101	0.34	1.1	169.3	51	2.8	12.2	21.7	1.4	<1	57	16.2
STD OREAS45C	Standard	0.43	0.049	25.4	834	0.26	265	1.127	6.98	0.099	0.32	0.9	157.9	50	2.6	13.4	21.5	1.3	1	51	14.4
STD OREAS45C	Standard	0.47	0.047	25.4	972	0.23	264	1.172	7.48	0.098	0.32	1.0	166.6	49	2.8	12.7	23.1	1.4	1	60	13.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
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Report Date: January 13, 2012

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QUALITY CONTROL REPORT

SMI11000713.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	26.0	4.5
STD OREAS45C	Standard	<0.1	24.0	4.3
STD OREAS45C	Standard	<0.1	22.9	4.0
STD OREAS45C	Standard	<0.1	24.1	4.0
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000713.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.4	10.2	18.4	50	<0.1	3.5	5.1	778	2.54	2	2.6	<0.1	7.2	793	<0.1	0.1	0.4	50
G1	Prep Blank	<0.005	0.3	9.0	19.0	54	<0.1	3.3	4.9	754	2.35	1	2.6	<0.1	7.5	776	<0.1	<0.1	0.2	49



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QUALITY CONTROL REPORT

SMI11000713.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.45	0.078	24.7	11	0.58	1015	0.252	7.92	2.913	3.15	0.2	11.4	57	1.6	15.6	25.9	1.4	3	5	35.2
G1	Prep Blank	2.47	0.079	21.9	8	0.57	1071	0.249	7.79	2.924	3.21	0.2	10.7	55	1.4	14.6	24.7	1.4	3	5	35.9



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Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000713.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	128.6	0.6
G1	Prep Blank	<0.1	124.3	0.7



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 16, 2011
Report Date: December 23, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000732.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_23_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	118	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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880 - 609 Granville St.

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Project:

Poplar Drilling

Report Date:

December 23, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000732.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047396	Drill Core	5.02	0.019	1.1	347.4	7.3	30	<0.1	5.8	8.8	193	3.60	3	1.1	<0.1	5.5	501	0.1	0.3	0.3
1047397	Drill Core	6.46	0.017	2.6	289.8	6.3	19	<0.1	5.0	7.6	128	3.57	3	0.8	<0.1	5.3	614	<0.1	0.2	0.3
1047398	Drill Core	7.44	0.028	3.4	715.4	8.2	25	<0.1	6.1	7.7	155	3.93	5	0.5	<0.1	4.6	539	<0.1	0.4	0.4
1047399	Drill Core	7.01	0.027	1.7	553.9	9.0	30	0.1	5.9	7.8	230	3.91	3	0.7	<0.1	5.0	626	0.2	0.7	0.6
1047400	Drill Core	7.14	0.037	2.1	930.5	8.0	34	0.1	5.6	7.7	254	4.02	4	0.5	<0.1	5.1	602	0.2	0.8	0.3
1047401	Drill Core	7.20	0.110	3.1	2435	5.6	20	0.2	6.1	16.0	143	4.91	2	0.5	0.1	4.6	472	0.1	0.3	0.6
1047402	Drill Core	7.04	0.110	8.8	2608	6.2	24	0.2	6.4	17.7	162	4.99	2	0.5	0.1	4.1	489	<0.1	0.4	0.4
1047403	Drill Core	4.84	0.131	5.8	3423	6.3	22	0.3	7.8	14.0	198	5.55	3	0.9	0.1	4.1	427	0.2	0.6	0.7
1047404	Drill Core	3.44	0.087	4.2	2397	188.7	277	2.2	6.8	15.6	1570	4.76	6	0.6	<0.1	4.2	324	1.4	3.7	0.5
1047405	Drill Core	5.81	0.075	2.8	1615	307.0	608	1.8	7.1	14.0	1363	4.46	10	0.5	<0.1	4.5	576	4.2	6.1	0.2
1047406	Drill Core	6.83	0.109	2.9	2673	213.7	334	2.7	6.8	13.4	3413	4.82	9	0.3	0.1	5.2	262	2.1	12.8	0.4
1047407	Drill Core	6.50	0.101	2.7	2762	403.1	951	9.2	7.7	14.5	6319	4.97	15	0.7	0.1	4.3	166	5.9	30.3	0.7
1047408	Drill Core	7.08	0.060	7.8	1560	805.7	2925	7.9	8.5	10.8	>10000	5.11	22	0.6	<0.1	3.7	162	17.9	38.8	1.0
1047409	Drill Core	7.14	0.133	2.7	2926	394.7	1847	6.8	8.0	15.0	>10000	5.75	17	0.6	0.1	4.2	128	9.0	20.4	0.8
1047410	Drill Core	7.31	0.160	2.6	3229	435.3	2027	15.0	9.5	17.2	>10000	6.09	18	0.4	0.2	3.7	127	10.2	25.8	1.0
1047411	Drill Core	7.22	0.100	1.9	2598	215.5	1198	3.4	6.9	13.1	9079	5.17	15	0.6	0.1	4.2	189	6.4	16.3	0.6
1047412	Drill Core	7.26	0.095	2.5	2515	179.1	621	4.1	7.4	12.4	6242	4.82	15	0.6	<0.1	4.4	247	3.9	21.4	0.5
1047413	Drill Core	6.91	0.073	2.7	1801	764.9	2304	16.9	7.2	10.1	8996	4.70	26	0.7	0.2	4.1	284	15.7	49.4	1.3
1047414	Drill Core	6.94	0.052	5.4	1531	536.7	671	9.4	9.1	11.4	6665	5.01	29	0.6	<0.1	3.9	212	4.1	74.8	0.5
1047415	Drill Core	4.36	0.056	2.3	1477	386.0	2713	4.2	7.6	9.5	>10000	4.98	25	0.6	<0.1	3.2	636	15.5	22.1	0.9
1047416	Rock	0.51	<0.005	0.1	8.2	2.7	9	<0.1	1.6	0.7	244	0.45	14	<0.1	<0.1	<0.1	26	<0.1	0.2	<0.1
1047417	Drill Core	7.12	0.071	3.3	1986	69.8	221	0.5	6.7	12.8	1573	4.65	4	0.5	<0.1	4.8	330	1.1	2.4	0.4
1047418	Drill Core	6.94	0.081	8.9	2169	113.1	1627	2.0	5.6	11.3	4154	4.28	7	0.6	<0.1	4.3	335	7.7	5.2	0.3
1047419	Drill Core	6.81	0.084	9.1	2586	112.7	213	1.1	8.0	13.0	1445	4.38	4	0.6	<0.1	4.5	298	1.2	2.1	0.4
1047420	Drill Core	6.85	0.069	11.3	2006	58.1	187	1.1	6.2	13.7	2155	4.64	6	0.5	<0.1	4.4	390	0.6	2.1	0.4
1047421	Drill Core	7.22	0.062	6.8	2291	75.5	270	0.8	10.5	18.8	947	5.96	5	0.4	<0.1	3.4	546	1.2	2.1	0.6
1047422	Drill Core	6.82	0.066	6.2	2445	16.4	83	0.5	8.7	17.8	732	5.33	7	0.5	<0.1	3.2	524	0.3	0.8	0.2
1047423	Drill Core	7.27	0.064	7.1	2061	17.7	81	0.4	9.1	17.4	541	5.21	4	0.6	<0.1	4.0	502	0.3	0.8	0.4
1047424	Drill Core	7.29	0.042	3.6	1745	91.7	359	1.0	7.1	14.7	2070	5.04	8	0.8	<0.1	5.3	359	1.6	5.5	0.3
1047425	Drill Core	7.52	0.129	6.0	1513	126.5	1853	3.4	7.5	12.6	8229	5.93	32	0.7	0.1	4.0	310	8.8	16.2	0.8



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047396	Drill Core	2.01	0.130	12.3	8	0.86	73	0.152	7.20	2.493	1.96	<0.1	24.5	25	1.0	7.9	3.2	0.2	<1	6
1047397	Drill Core	2.44	0.118	11.0	9	0.79	51	0.150	6.99	2.215	1.87	<0.1	22.6	24	0.9	7.5	3.4	0.2	<1	6
1047398	Drill Core	3.09	0.115	9.2	7	0.77	51	0.079	6.86	1.486	1.87	<0.1	15.0	20	1.1	6.8	1.3	<0.1	<1	5
1047399	Drill Core	2.82	0.116	9.6	8	0.82	55	0.100	7.14	1.467	1.73	<0.1	14.8	20	1.2	6.4	2.1	0.2	<1	5
1047400	Drill Core	2.95	0.122	11.0	6	0.80	81	0.094	7.26	1.134	1.85	<0.1	16.4	22	1.3	6.6	1.7	<0.1	<1	6
1047401	Drill Core	2.22	0.091	8.9	11	0.68	32	0.094	6.55	1.450	1.76	<0.1	11.7	18	1.8	6.1	2.2	0.1	<1	6
1047402	Drill Core	2.04	0.095	9.2	8	0.71	26	0.108	6.17	1.566	1.62	<0.1	11.6	19	1.3	6.0	2.8	0.1	<1	5
1047403	Drill Core	2.49	0.093	11.2	10	0.63	52	0.091	6.60	0.775	2.80	0.1	17.2	23	1.9	7.6	1.9	0.1	1	6
1047404	Drill Core	2.59	0.112	10.4	9	0.80	55	0.136	6.74	0.530	2.76	0.2	14.8	21	1.6	7.2	3.3	0.2	1	6
1047405	Drill Core	2.49	0.113	11.0	12	0.93	74	0.187	6.52	1.962	1.73	0.1	13.9	23	1.0	7.6	4.8	0.3	1	5
1047406	Drill Core	1.73	0.087	7.5	6	0.73	48	0.118	6.41	0.689	2.56	0.2	8.9	16	1.4	5.9	2.8	0.2	<1	5
1047407	Drill Core	1.05	0.090	8.8	10	0.57	51	0.119	6.62	0.061	2.72	0.6	11.3	18	1.4	5.6	2.7	0.2	<1	6
1047408	Drill Core	1.03	0.099	9.4	7	0.36	40	0.104	5.99	0.063	2.84	2.0	10.4	20	2.3	5.6	2.1	0.1	2	5
1047409	Drill Core	1.47	0.093	9.2	9	0.59	35	0.119	6.62	0.063	2.95	1.6	9.9	18	2.2	6.9	2.8	0.2	<1	5
1047410	Drill Core	1.08	0.069	5.7	7	0.45	31	0.077	5.83	0.058	2.70	2.8	6.8	12	3.2	4.7	1.6	<0.1	1	4
1047411	Drill Core	1.57	0.113	9.1	9	0.74	68	0.154	6.43	0.067	2.65	2.6	9.5	19	2.1	7.1	4.0	0.2	1	6
1047412	Drill Core	2.26	0.122	9.7	10	0.87	79	0.189	7.21	0.082	2.52	2.8	9.9	21	2.1	8.2	4.7	0.3	1	6
1047413	Drill Core	1.61	0.115	9.7	10	0.61	50	0.159	6.36	0.194	2.40	2.6	9.3	21	2.0	6.1	3.4	0.2	1	5
1047414	Drill Core	1.56	0.128	10.0	8	0.56	98	0.109	6.71	0.184	2.62	1.1	13.5	21	1.9	6.5	1.9	0.1	1	6
1047415	Drill Core	1.44	0.116	7.6	8	0.41	74	0.113	6.51	0.081	2.73	3.8	13.2	18	2.7	6.7	2.4	0.1	<1	6
1047416	Rock	21.60	0.015	0.4	<1	11.72	14	0.002	<0.01	0.002	0.02	<0.1	0.2	<1	<0.1	0.6	<0.1	<0.1	<1	<1
1047417	Drill Core	2.63	0.116	12.4	10	0.97	86	0.165	7.11	0.702	2.49	0.2	15.5	25	1.5	8.0	3.5	0.2	1	5
1047418	Drill Core	2.47	0.109	12.2	9	0.86	71	0.149	6.76	0.975	2.46	1.1	14.6	25	1.4	8.5	2.8	0.2	1	6
1047419	Drill Core	2.51	0.105	11.7	11	0.85	52	0.120	7.06	1.190	2.38	0.3	16.8	24	1.8	7.4	2.1	0.1	1	6
1047420	Drill Core	2.53	0.120	13.4	11	0.97	188	0.162	6.83	1.180	2.62	0.2	13.5	27	1.1	8.2	3.1	0.2	2	6
1047421	Drill Core	3.42	0.115	12.3	13	0.82	47	0.146	6.54	1.167	2.47	0.3	15.6	25	3.2	7.9	2.2	0.1	1	6
1047422	Drill Core	2.91	0.123	12.0	11	1.14	84	0.223	6.57	1.681	2.99	0.2	13.2	26	1.1	9.1	3.3	0.2	<1	7
1047423	Drill Core	2.93	0.115	12.3	13	0.96	62	0.158	6.51	1.459	2.36	0.4	17.3	26	1.1	8.6	2.7	0.1	1	6
1047424	Drill Core	2.90	0.114	14.5	10	0.92	122	0.146	7.26	0.746	2.83	1.8	22.8	29	1.6	9.4	2.9	0.2	2	6
1047425	Drill Core	2.07	0.104	9.9	10	0.69	244	0.113	6.48	0.082	3.01	4.7	15.2	22	4.1	7.2	1.8	0.1	<1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047396	Drill Core	2.5	42.4	1.0
1047397	Drill Core	3.4	41.4	0.8
1047398	Drill Core	5.3	37.3	0.6
1047399	Drill Core	5.1	39.4	0.5
1047400	Drill Core	4.9	44.8	0.5
1047401	Drill Core	5.7	40.1	0.5
1047402	Drill Core	5.5	38.4	0.4
1047403	Drill Core	6.7	48.4	0.6
1047404	Drill Core	4.7	61.6	0.5
1047405	Drill Core	3.3	49.7	0.4
1047406	Drill Core	3.5	68.0	0.3
1047407	Drill Core	4.0	94.6	0.3
1047408	Drill Core	4.6	101.9	0.4
1047409	Drill Core	4.6	116.0	0.3
1047410	Drill Core	5.5	106.3	0.3
1047411	Drill Core	3.3	103.9	0.3
1047412	Drill Core	2.9	76.2	0.3
1047413	Drill Core	3.4	97.1	0.3
1047414	Drill Core	4.4	84.6	0.5
1047415	Drill Core	4.1	104.9	0.4
1047416	Rock	<0.1	0.7	<0.1
1047417	Drill Core	3.3	71.0	0.5
1047418	Drill Core	3.4	77.4	0.4
1047419	Drill Core	3.9	64.5	0.5
1047420	Drill Core	2.7	71.7	0.5
1047421	Drill Core	6.8	62.3	0.4
1047422	Drill Core	3.1	67.6	0.3
1047423	Drill Core	4.1	60.4	0.6
1047424	Drill Core	3.0	93.6	0.7
1047425	Drill Core	3.0	121.8	0.5



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047426	Drill Core	6.86	0.067	3.9	1419	499.1	4848	6.7	7.3	12.9	6117	6.82	27	0.5	<0.1	4.2	183	24.9	9.4	1.6
1047427	Drill Core	6.69	0.067	3.9	1623	166.9	3096	7.7	7.6	8.2	2090	3.29	10	0.4	<0.1	4.9	191	15.5	12.6	0.8
1047428	Drill Core	1.68	0.079	3.7	2483	130.9	266	11.6	5.6	9.9	2034	4.23	10	0.5	<0.1	5.3	203	1.5	7.1	1.2
1047429	Drill Core	1.74	0.080	3.7	2614	61.8	397	15.4	4.8	8.6	1998	3.70	7	0.8	0.1	4.6	238	2.2	14.5	1.1
1047430	Drill Core	6.72	0.070	4.1	2281	16.6	60	1.1	6.6	14.1	592	3.48	1	0.7	<0.1	4.4	520	0.3	1.7	0.4
1047431	Drill Core	6.58	0.057	5.4	2131	12.8	50	0.8	7.2	16.3	365	3.85	4	0.7	<0.1	3.8	532	0.2	1.7	0.4
1047432	Drill Core	4.64	0.030	10.2	1211	13.5	63	0.7	6.9	13.1	688	3.93	2	0.8	<0.1	3.6	659	0.2	0.7	0.3
1047433	Drill Core	7.10	0.060	10.4	1666	32.2	142	1.6	6.5	14.2	1201	4.15	4	0.6	<0.1	4.0	475	0.3	1.8	0.4
1047434	Drill Core	6.77	0.068	25.5	1988	56.9	387	2.5	8.4	15.3	1710	3.86	3	0.7	<0.1	4.0	514	2.0	2.2	0.5
1047435	Drill Core	6.98	0.081	15.5	1925	39.5	133	2.0	8.3	11.1	1599	3.58	2	0.7	0.1	4.1	571	0.8	2.2	0.3
1047436	Drill Core	6.89	0.080	11.1	2046	91.5	422	10.3	6.4	10.7	3500	4.12	6	0.8	0.1	4.2	481	2.5	9.6	0.7
1047437	Drill Core	6.74	0.065	7.2	1961	272.3	765	18.4	7.3	13.1	7395	4.00	9	0.8	0.2	4.2	466	4.7	22.8	0.8
1047438	Drill Core	6.65	0.064	5.5	2187	13.2	58	1.1	8.8	16.5	602	3.83	3	0.6	<0.1	4.1	541	0.2	0.9	0.5
1047439	Drill Core	7.32	0.064	10.7	2177	16.6	76	0.9	7.9	16.8	471	4.36	2	0.7	<0.1	4.5	464	0.3	0.9	0.5
1047440	Drill Core	6.89	0.052	9.7	1691	13.6	61	0.7	6.6	12.8	421	3.47	1	0.7	0.1	4.0	571	0.2	0.8	0.6
1047441	Drill Core	7.25	0.052	10.9	1932	97.1	543	5.0	6.7	10.8	1588	3.40	4	0.8	<0.1	4.1	510	3.3	4.2	0.5
1047442	Drill Core	6.71	0.056	9.5	1871	34.5	136	1.2	8.5	15.2	756	3.31	3	0.6	<0.1	4.3	538	0.7	2.6	0.5
1047443	Drill Core	7.28	0.055	6.0	1765	12.2	76	0.6	12.1	13.0	366	5.13	2	0.5	<0.1	3.6	451	0.3	0.9	0.9
1047444	Drill Core	6.51	0.064	20.1	1717	10.5	42	0.5	8.4	13.2	308	3.49	<1	0.6	<0.1	3.9	525	0.1	0.7	0.5
1047445	Drill Core	7.21	0.063	25.2	2127	14.9	53	0.8	8.8	10.6	345	4.29	<1	0.6	<0.1	3.9	413	0.2	0.7	0.7
1047446	Rock Pulp	0.08	0.872	24.2	5150	6651	>10000	72.1	48.0	19.6	603	9.39	456	2.3	1.3	2.2	164	227.0	118.9	27.1
1047447	Drill Core	6.97	0.050	28.9	1592	59.4	30	1.5	7.9	11.1	464	3.50	4	0.5	<0.1	3.8	445	0.1	2.7	0.9
1047448	Drill Core	3.24	0.051	11.1	1457	23.1	84	0.9	6.2	12.2	680	3.79	2	0.6	<0.1	4.1	508	0.2	1.1	0.6
1047449	Drill Core	6.88	0.069	13.0	1795	93.0	672	6.1	10.1	10.7	1905	3.99	8	0.6	<0.1	4.5	409	4.8	2.6	0.7
1047450	Drill Core	6.91	0.069	11.3	1713	826.5	1478	11.2	8.8	13.4	1309	3.86	28	1.1	<0.1	4.0	202	9.5	42.8	0.4
1047451	Drill Core	3.80	0.045	19.8	1196	19.9	90	0.8	11.6	9.8	647	3.48	3	1.0	<0.1	3.8	291	0.3	1.3	0.3
1047452	Drill Core	2.54	<0.005	1.0	25.4	28.7	157	0.1	7.8	5.5	657	1.96	4	3.5	<0.1	8.1	358	0.7	2.0	0.2
1047453	Drill Core	6.55	0.068	12.1	1998	35.1	133	1.0	16.5	19.0	544	3.72	7	1.1	<0.1	4.2	267	0.8	1.0	0.3
1047454	Drill Core	4.31	0.076	55.6	2054	15.8	74	1.1	19.8	21.1	458	4.08	5	0.6	0.2	3.5	561	0.4	0.9	0.5
1047455	Drill Core	3.26	0.089	6.3	2477	27.3	75	0.8	40.6	15.5	480	3.77	3	0.8	0.1	3.6	537	0.5	0.9	0.4



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047426	Drill Core	1.51	0.093	11.0	6	0.47	57	0.064	6.29	0.098	2.79	0.3	10.7	23	2.6	5.7	1.7	<0.1	1	4
1047427	Drill Core	2.83	0.107	15.2	12	0.80	201	0.099	6.95	0.174	2.35	0.2	10.3	31	1.4	8.8	1.6	0.1	1	5
1047428	Drill Core	2.81	0.102	13.4	7	0.80	126	0.076	7.37	0.137	2.76	0.2	10.1	27	2.3	7.5	1.3	<0.1	2	6
1047429	Drill Core	2.72	0.111	15.8	8	0.81	91	0.069	7.11	0.136	2.85	0.2	9.8	27	2.5	6.6	1.1	<0.1	1	5
1047430	Drill Core	2.46	0.122	10.5	13	0.77	106	0.143	7.29	1.907	2.47	<0.1	12.4	24	1.5	8.0	2.5	0.2	<1	6
1047431	Drill Core	2.13	0.118	10.3	9	0.81	77	0.150	7.11	2.126	2.26	0.1	16.0	24	1.2	7.4	2.1	0.1	1	6
1047432	Drill Core	2.72	0.128	11.9	11	1.01	115	0.179	7.08	2.165	1.92	0.2	27.7	28	1.0	8.1	3.0	0.2	<1	6
1047433	Drill Core	2.66	0.088	10.0	7	0.68	58	0.097	6.34	0.917	2.73	0.1	10.7	22	1.0	6.6	1.5	<0.1	<1	5
1047434	Drill Core	3.25	0.101	13.0	10	0.74	63	0.113	6.67	0.607	3.10	0.2	14.1	28	1.0	8.3	1.9	0.1	1	5
1047435	Drill Core	3.56	0.098	12.1	7	0.72	82	0.104	6.36	0.796	2.75	0.2	13.4	26	1.2	7.6	1.9	0.1	<1	5
1047436	Drill Core	2.89	0.104	11.2	8	0.74	64	0.111	6.80	0.594	2.97	0.3	14.1	25	1.4	7.5	1.8	0.1	1	5
1047437	Drill Core	2.91	0.089	11.6	7	0.64	105	0.090	6.59	0.179	2.86	0.5	10.9	24	1.4	6.4	1.5	<0.1	1	5
1047438	Drill Core	2.73	0.097	9.5	9	0.73	55	0.102	6.65	1.443	2.37	0.1	13.0	21	1.1	6.8	1.7	0.1	<1	5
1047439	Drill Core	2.40	0.100	10.5	8	0.71	60	0.101	6.93	1.101	3.02	0.1	14.3	25	1.5	7.1	1.8	0.1	<1	6
1047440	Drill Core	2.59	0.096	9.6	8	0.70	80	0.090	6.66	1.560	2.51	<0.1	13.2	22	1.4	6.3	1.7	0.1	1	5
1047441	Drill Core	3.15	0.098	12.3	6	0.70	64	0.094	6.55	0.418	2.62	0.3	11.3	27	1.8	6.7	1.5	0.1	<1	5
1047442	Drill Core	3.21	0.091	9.0	7	0.75	66	0.094	6.57	0.739	2.34	0.1	10.1	21	1.4	6.0	1.4	0.1	1	5
1047443	Drill Core	2.53	0.075	7.0	5	0.69	51	0.075	6.10	1.860	1.46	0.1	9.2	16	1.4	5.1	1.3	<0.1	<1	4
1047444	Drill Core	2.72	0.088	9.4	5	0.73	48	0.080	6.70	1.626	1.93	<0.1	13.1	21	1.3	6.7	1.2	<0.1	<1	4
1047445	Drill Core	2.83	0.088	9.3	7	0.63	42	0.070	6.33	0.853	2.22	0.1	11.8	22	2.5	5.9	0.9	<0.1	<1	5
1047446	Rock Pulp	1.79	0.051	10.9	30	0.91	142	0.191	3.75	1.260	0.70	1.2	30.2	24	51.6	10.3	4.3	0.2	<1	7
1047447	Drill Core	2.81	0.085	9.3	7	0.65	60	0.062	6.58	0.728	2.33	0.1	9.9	21	2.8	5.9	0.9	<0.1	1	4
1047448	Drill Core	2.70	0.090	8.9	9	0.65	47	0.080	6.57	1.171	2.31	0.1	11.6	21	1.4	6.1	1.3	<0.1	<1	5
1047449	Drill Core	2.62	0.093	12.2	8	0.70	56	0.080	6.82	0.252	2.84	0.2	10.0	29	1.7	7.6	1.3	<0.1	1	5
1047450	Drill Core	1.91	0.092	10.7	8	0.75	65	0.100	6.83	0.084	2.82	0.3	12.2	25	1.5	7.2	1.6	<0.1	<1	5
1047451	Drill Core	2.84	0.107	13.0	13	0.83	72	0.126	7.25	0.089	2.35	0.1	15.9	28	1.1	7.7	2.0	0.1	2	7
1047452	Drill Core	2.23	0.079	16.5	10	0.73	915	0.221	6.96	0.087	3.16	0.7	82.3	34	0.5	8.6	9.0	0.7	1	4
1047453	Drill Core	3.06	0.103	11.6	13	0.86	79	0.130	7.20	0.307	2.30	<0.1	14.5	26	1.4	8.9	1.9	0.1	1	7
1047454	Drill Core	2.37	0.087	10.5	19	0.86	55	0.099	6.96	0.956	2.56	<0.1	9.6	23	1.9	7.7	1.7	<0.1	1	7
1047455	Drill Core	2.43	0.094	11.8	36	0.91	82	0.139	7.41	2.258	1.83	0.1	16.6	26	1.5	7.6	2.3	0.1	<1	8



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047426	Drill Core	6.7	95.5	0.4
1047427	Drill Core	2.1	78.2	0.5
1047428	Drill Core	3.5	84.6	0.3
1047429	Drill Core	2.3	96.0	0.3
1047430	Drill Core	1.6	62.9	0.4
1047431	Drill Core	2.2	57.9	0.5
1047432	Drill Core	2.1	56.3	0.7
1047433	Drill Core	3.2	71.8	0.5
1047434	Drill Core	3.2	85.7	0.6
1047435	Drill Core	3.2	75.6	0.5
1047436	Drill Core	3.2	88.9	0.5
1047437	Drill Core	3.4	106.6	0.5
1047438	Drill Core	3.0	60.5	0.4
1047439	Drill Core	3.2	69.4	0.5
1047440	Drill Core	2.5	58.2	0.5
1047441	Drill Core	3.5	77.0	0.4
1047442	Drill Core	3.4	62.6	0.4
1047443	Drill Core	4.6	42.3	0.2
1047444	Drill Core	3.3	45.0	0.4
1047445	Drill Core	4.3	54.0	0.5
1047446	Rock Pulp	8.8	23.6	1.0
1047447	Drill Core	3.8	58.3	0.4
1047448	Drill Core	3.3	59.8	0.5
1047449	Drill Core	3.3	89.1	0.4
1047450	Drill Core	2.2	99.0	0.5
1047451	Drill Core	2.1	80.2	0.4
1047452	Drill Core	0.1	124.7	2.7
1047453	Drill Core	2.1	74.7	0.4
1047454	Drill Core	2.8	80.0	0.3
1047455	Drill Core	2.4	70.2	0.4



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Poplar Drilling

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December 23, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000732.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047456	Drill Core	3.31	<0.005	1.0	51.4	16.1	74	0.1	13.8	6.6	479	2.34	2	3.0	<0.1	6.7	657	0.1	0.9	0.1
1047457	Drill Core	6.48	0.052	24.3	1542	61.5	147	1.0	92.6	17.1	906	4.57	5	1.0	<0.1	2.7	216	0.7	0.9	0.4
1047458	Drill Core	6.91	0.016	21.2	787.8	307.7	1192	3.5	10.8	13.3	657	3.22	33	2.8	<0.1	6.3	403	8.4	16.3	0.5
1047459	Drill Core	3.40	<0.005	1.3	35.6	43.8	358	1.5	8.7	6.7	2150	2.61	12	4.3	<0.1	9.4	403	0.9	8.5	0.1
1047460	Rock	0.57	<0.005	<0.1	2.8	1.8	11	0.2	2.0	0.7	270	0.53	<1	0.3	<0.1	<0.1	35	<0.1	0.1	<0.1
1047461	Drill Core	2.26	0.025	7.8	960.9	2225	2194	29.8	11.5	8.5	1642	2.32	143	4.0	<0.1	7.7	427	13.8	135.2	0.4
1047462	Drill Core	7.14	<0.005	0.2	15.0	61.9	260	0.5	9.2	7.4	1011	2.39	5	2.9	<0.1	8.1	458	0.4	6.3	<0.1
1047463	Drill Core	7.15	<0.005	0.5	47.6	40.0	235	0.6	10.5	7.8	1078	2.25	7	3.0	<0.1	8.3	550	0.5	5.0	0.1
1047464	Drill Core	7.28	0.007	5.6	411.7	232.1	309	2.6	18.2	10.7	1339	2.86	70	4.6	<0.1	9.1	615	1.6	17.3	0.7
1047465	Drill Core	5.94	<0.005	0.9	37.9	47.0	182	0.6	12.3	8.4	1065	2.39	19	5.3	<0.1	8.2	532	0.6	3.1	0.4
1047466	Drill Core	4.53	<0.005	1.3	27.1	28.6	128	0.1	12.3	8.6	920	3.06	8	2.4	<0.1	7.2	450	0.4	3.6	0.3
1047467	Drill Core	6.81	0.046	15.7	1643	141.5	510	5.4	40.5	16.5	1864	4.24	66	2.6	<0.1	6.8	245	3.4	41.9	0.5
1047468	Drill Core	7.33	0.055	13.2	1951	86.5	277	2.9	23.1	19.3	1609	4.63	30	1.1	<0.1	4.7	417	1.4	7.3	0.5
1047469	Drill Core	7.45	0.038	34.3	1530	130.1	541	3.9	13.6	16.9	4261	4.26	17	1.3	<0.1	4.5	432	2.9	4.0	0.4
1047470	Drill Core	7.75	0.044	22.2	1624	102.4	463	3.3	13.1	16.8	3797	4.35	7	1.1	<0.1	4.3	292	2.3	3.7	0.4
1047471	Drill Core	6.69	0.041	12.9	1382	51.3	206	2.0	11.8	14.9	1251	3.30	8	1.3	<0.1	4.3	290	1.0	3.8	0.3
1047472	Drill Core	7.61	0.060	10.4	2074	69.2	192	2.4	13.6	19.6	1387	4.49	29	1.5	<0.1	4.3	609	0.9	4.9	0.4
1047473	Drill Core	7.13	0.046	12.8	1783	23.3	64	1.2	12.4	22.1	743	4.34	4	0.8	<0.1	3.6	310	0.3	1.2	0.4
1047474	Drill Core	3.99	0.048	8.6	1729	25.8	74	1.3	12.4	21.4	760	4.33	5	1.0	<0.1	4.0	305	0.5	1.1	0.3
1047475	Drill Core	7.06	0.058	7.4	2006	34.0	117	2.0	14.3	21.2	1447	4.53	5	0.7	<0.1	4.0	370	0.4	1.2	0.4
1047476	Drill Core	7.26	0.087	9.2	1722	1204	1021	9.9	12.1	17.7	>10000	6.20	25	0.6	0.1	3.7	122	5.6	6.4	0.7
1047477	Drill Core	6.86	0.078	6.4	3080	22.2	131	2.0	20.1	29.4	2151	6.34	7	0.7	<0.1	3.9	199	0.4	1.4	0.3
1047478	Drill Core	7.02	0.050	21.7	1701	31.5	108	1.5	10.2	17.2	1355	3.66	12	1.1	<0.1	4.7	295	0.5	1.7	0.3
1047479	Drill Core	7.19	0.050	17.4	1614	24.7	111	0.9	7.6	14.8	900	3.27	55	1.2	<0.1	5.1	221	0.4	3.4	0.3
1047480	Drill Core	5.16	0.062	26.6	1601	166.5	489	2.4	11.1	16.2	1027	3.60	23	1.0	0.1	4.4	377	3.3	3.6	0.3
1047481	Drill Core	2.81	0.057	21.2	1842	13.2	47	0.5	16.4	19.2	294	3.68	4	0.8	<0.1	3.7	519	0.2	0.4	0.2
1047482	Drill Core	5.40	<0.005	0.3	9.7	30.6	250	<0.1	2.1	1.5	603	1.14	8	4.1	<0.1	15.9	266	0.5	2.3	0.1
1047483	Drill Core	5.41	<0.005	0.6	5.8	28.1	283	<0.1	3.0	1.9	786	1.15	7	7.0	<0.1	16.2	254	0.4	2.5	0.1
1047484	Drill Core	5.37	<0.005	0.4	2.1	30.4	256	<0.1	1.8	1.6	710	1.38	6	5.6	<0.1	16.1	265	0.3	2.3	0.1
1047485	Drill Core	5.75	<0.005	0.5	2.2	35.6	301	<0.1	2.9	1.8	880	1.19	6	5.3	<0.1	15.3	280	0.8	1.8	0.1



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047456	Drill Core	2.49	0.103	18.5	17	0.76	1194	0.316	7.81	1.503	2.78	0.6	83.9	38	0.6	7.5	8.6	0.5	2	5
1047457	Drill Core	2.21	0.078	11.9	122	1.02	55	0.118	8.19	0.547	3.69	0.2	9.5	28	1.3	6.0	0.7	<0.1	2	14
1047458	Drill Core	1.74	0.077	12.0	11	0.69	71	0.080	6.87	0.071	2.89	0.3	24.0	26	1.4	6.8	3.2	0.2	2	5
1047459	Drill Core	1.53	0.081	17.9	12	0.58	906	0.232	7.53	0.104	3.65	1.3	87.0	35	0.7	9.5	10.6	0.8	<1	5
1047460	Rock	19.43	0.014	1.2	<1	12.51	7	0.001	0.02	0.004	0.02	<0.1	0.7	2	<0.1	0.9	<0.1	<0.1	<1	<1
1047461	Drill Core	1.77	0.058	12.8	13	0.58	386	0.090	6.23	0.062	2.54	0.6	34.5	25	1.2	6.4	4.9	0.4	2	4
1047462	Drill Core	2.44	0.095	18.1	14	0.87	860	0.260	7.39	0.061	2.95	0.9	90.4	37	0.5	9.0	9.9	0.7	2	5
1047463	Drill Core	2.50	0.092	19.1	14	0.90	1144	0.262	7.30	0.061	2.59	0.7	90.0	37	0.5	9.0	9.9	0.7	1	5
1047464	Drill Core	1.67	0.085	21.7	23	0.73	1026	0.217	7.38	0.061	2.43	1.5	81.7	39	1.1	8.6	8.4	0.7	2	6
1047465	Drill Core	2.12	0.105	21.9	12	0.74	1496	0.304	8.32	0.136	3.57	0.8	104.1	42	0.8	9.6	9.9	0.7	1	6
1047466	Drill Core	2.98	0.107	22.7	16	0.94	953	0.313	7.99	0.117	3.78	0.7	88.4	42	0.8	9.7	9.1	0.6	1	6
1047467	Drill Core	2.07	0.063	16.7	71	0.86	301	0.114	6.38	0.050	2.57	0.7	21.9	32	1.4	9.0	3.6	0.3	1	10
1047468	Drill Core	2.17	0.115	18.3	25	0.91	322	0.156	7.79	0.057	2.49	0.4	37.3	35	1.4	10.9	2.2	0.1	1	9
1047469	Drill Core	2.20	0.115	16.9	13	0.95	273	0.129	7.51	0.059	3.17	1.6	23.8	33	1.5	9.6	1.6	0.1	1	8
1047470	Drill Core	2.46	0.116	16.8	13	0.98	447	0.149	7.47	0.064	2.87	1.2	20.7	33	1.4	10.0	2.3	0.1	1	8
1047471	Drill Core	3.20	0.123	18.8	12	1.01	247	0.174	7.95	0.063	2.15	0.4	26.3	36	1.3	11.1	2.7	0.2	1	8
1047472	Drill Core	3.00	0.123	23.9	13	1.13	401	0.162	7.86	0.081	2.60	1.0	26.5	48	1.5	10.9	2.6	0.2	1	8
1047473	Drill Core	2.52	0.119	15.1	15	1.08	121	0.179	7.96	0.681	2.67	0.1	20.5	32	1.4	9.6	2.3	0.1	1	8
1047474	Drill Core	2.47	0.113	17.1	14	1.07	179	0.171	7.83	0.657	2.57	0.2	26.8	35	1.3	10.0	2.5	0.2	1	8
1047475	Drill Core	2.66	0.114	18.5	20	1.17	475	0.186	7.83	0.245	2.81	0.1	14.4	37	1.5	9.6	3.1	0.2	1	8
1047476	Drill Core	1.83	0.098	13.9	14	0.69	508	0.164	6.56	0.054	2.78	8.2	10.2	28	3.1	8.5	2.9	0.2	2	6
1047477	Drill Core	2.76	0.122	15.7	20	1.20	375	0.197	8.04	0.486	2.20	0.8	13.9	31	1.4	10.0	3.2	0.2	1	8
1047478	Drill Core	2.77	0.112	14.1	10	0.95	237	0.173	7.54	0.939	2.34	0.2	18.1	31	1.2	9.2	3.2	0.2	1	7
1047479	Drill Core	2.51	0.116	16.4	7	0.87	194	0.147	7.59	0.376	2.44	0.4	18.6	33	1.3	9.3	2.9	0.2	<1	6
1047480	Drill Core	2.95	0.121	15.9	10	1.03	274	0.157	7.28	0.502	2.37	0.2	20.2	31	1.3	10.0	2.7	0.2	2	7
1047481	Drill Core	2.51	0.127	13.4	13	1.04	170	0.196	7.86	1.858	1.95	0.1	20.4	29	1.4	10.3	3.4	0.2	1	8
1047482	Drill Core	0.21	0.035	14.4	3	0.15	804	0.099	6.64	0.022	2.54	1.2	55.8	28	0.7	7.9	14.7	1.4	2	2
1047483	Drill Core	0.32	0.035	15.2	3	0.16	600	0.100	6.71	0.019	2.53	1.4	56.4	29	0.7	8.2	14.4	1.3	1	2
1047484	Drill Core	0.85	0.033	14.4	3	0.27	680	0.100	7.05	0.020	2.80	1.4	57.3	28	0.7	9.4	14.7	1.4	2	2
1047485	Drill Core	0.77	0.035	14.3	3	0.27	543	0.101	6.74	0.018	2.70	1.3	59.3	28	0.7	9.2	15.4	1.3	1	2



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047456	Drill Core	<0.1	90.4	2.3
1047457	Drill Core	3.0	103.5	0.2
1047458	Drill Core	2.1	115.1	0.9
1047459	Drill Core	0.1	165.6	2.9
1047460	Rock	<0.1	1.7	<0.1
1047461	Drill Core	0.5	123.0	1.4
1047462	Drill Core	<0.1	137.4	2.7
1047463	Drill Core	<0.1	118.9	2.9
1047464	Drill Core	0.9	107.4	2.4
1047465	Drill Core	0.1	140.0	3.1
1047466	Drill Core	<0.1	148.1	2.7
1047467	Drill Core	2.5	117.7	0.8
1047468	Drill Core	3.0	99.7	0.6
1047469	Drill Core	2.7	132.1	0.7
1047470	Drill Core	2.5	108.7	0.6
1047471	Drill Core	2.0	74.6	0.9
1047472	Drill Core	2.8	89.9	0.7
1047473	Drill Core	2.6	71.8	0.6
1047474	Drill Core	2.4	81.3	0.6
1047475	Drill Core	2.4	84.9	0.6
1047476	Drill Core	2.4	105.0	0.3
1047477	Drill Core	2.4	89.0	0.4
1047478	Drill Core	1.9	63.8	0.6
1047479	Drill Core	2.1	66.1	0.7
1047480	Drill Core	2.2	80.8	0.6
1047481	Drill Core	2.3	55.0	0.7
1047482	Drill Core	<0.1	133.2	2.8
1047483	Drill Core	<0.1	132.1	2.8
1047484	Drill Core	<0.1	139.0	2.8
1047485	Drill Core	<0.1	138.5	2.9



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000732.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047486	Drill Core	6.09	<0.005	0.4	2.7	43.4	396	0.3	2.9	2.3	1063	1.34	7	8.0	<0.1	16.1	305	0.6	2.0	0.1
1047487	Drill Core	6.19	<0.005	0.5	2.3	36.4	351	<0.1	2.8	2.0	1024	1.45	6	6.1	<0.1	16.4	272	0.6	1.8	0.2
1047488	Rock	0.59	<0.005	0.1	0.4	0.8	12	0.2	2.8	0.8	248	0.53	5	0.5	<0.1	<0.1	38	0.2	<0.1	<0.1
1047489	Drill Core	6.86	<0.005	0.3	1.9	34.1	315	<0.1	2.1	1.6	875	1.28	4	4.0	<0.1	16.2	299	0.3	1.8	<0.1
1047490	Drill Core	6.69	<0.005	0.5	1.5	39.4	226	<0.1	2.7	1.6	681	0.95	4	6.8	<0.1	16.7	327	0.6	1.9	0.1
1047491	Drill Core	6.71	<0.005	0.4	2.7	41.6	177	<0.1	2.2	1.1	476	0.94	7	6.3	<0.1	16.5	322	0.3	2.4	0.1
1047492	Drill Core	6.65	<0.005	0.5	5.1	29.9	173	0.6	2.4	1.4	668	0.96	8	10.3	<0.1	16.9	196	0.4	3.7	0.2
1047493	Drill Core	6.19	<0.005	1.1	54.6	134.1	213	3.0	2.2	2.6	602	1.05	25	10.3	<0.1	17.9	263	1.0	10.6	0.4
1047494	Drill Core	5.87	<0.005	0.6	5.9	32.1	118	0.5	2.1	1.4	832	0.94	8	13.7	<0.1	19.0	225	0.3	4.6	0.3
1047495	Drill Core	6.45	<0.005	0.4	22.4	51.5	141	0.6	1.6	1.3	559	0.88	13	9.5	<0.1	17.9	151	0.4	5.6	0.2
1047496	Drill Core	3.19	<0.005	0.7	10.7	45.9	168	0.4	2.6	1.7	742	0.98	12	9.1	<0.1	17.3	194	0.5	4.8	0.3
1047497	Drill Core	2.66	0.016	9.0	594.1	1057	933	10.5	4.0	7.5	3070	2.59	88	22.0	<0.1	15.3	251	6.2	66.9	0.7
1047498	Drill Core	5.38	0.034	11.5	970.7	2174	2799	43.7	7.2	12.0	6269	3.50	168	22.8	<0.1	9.2	244	17.0	267.2	0.5
1047499	Drill Core	4.45	0.008	2.3	222.5	1555	456	28.9	2.9	2.6	1028	1.28	44	21.0	<0.1	18.0	201	3.0	79.5	0.8
1047500	Drill Core	6.65	0.067	26.8	1162	1193	578	37.3	7.3	13.4	>10000	3.99	39	10.5	<0.1	5.2	223	3.8	99.5	0.8
1047501	Drill Core	6.64	0.066	15.9	1313	3919	2295	46.0	7.0	13.9	5883	4.98	54	112.9	<0.1	5.4	187	14.6	93.7	2.5
1047502	Rock Pulp	0.10	0.941	173.1	3826	59.9	140	4.9	27.3	21.1	547	5.23	68	1.4	1.0	3.0	242	0.7	9.1	0.8
1047503	Drill Core	6.62	<0.005	0.5	11.1	33.3	160	0.2	2.3	1.5	1018	1.12	6	10.7	<0.1	18.6	280	0.4	3.2	0.2
1047504	Drill Core	6.62	<0.005	0.6	4.4	85.7	168	0.3	2.4	1.9	646	0.78	7	9.4	<0.1	14.9	301	0.6	2.0	<0.1
1047505	Drill Core	5.90	<0.005	0.4	4.2	124.0	266	0.2	2.2	2.4	664	0.93	5	8.5	<0.1	15.8	309	0.8	2.2	0.1
1047506	Drill Core	6.20	<0.005	0.5	4.0	50.2	164	0.3	2.3	2.3	648	0.92	5	8.8	<0.1	15.7	320	0.4	1.9	0.1
1047507	Drill Core	6.54	<0.005	0.4	2.5	43.1	148	0.3	1.7	2.0	660	1.03	6	9.2	<0.1	16.9	269	0.5	2.2	<0.1
1047508	Drill Core	6.56	<0.005	0.4	3.6	72.5	178	0.2	2.0	1.9	593	0.87	5	9.9	<0.1	15.1	289	0.4	2.4	<0.1
1047509	Drill Core	6.58	<0.005	0.3	9.3	120.8	177	0.5	2.4	2.5	716	1.00	6	8.3	<0.1	15.9	365	0.5	3.0	0.2
1047510	Drill Core	6.80	<0.005	0.4	5.0	31.8	83	0.1	2.0	1.8	496	0.83	4	6.3	<0.1	12.9	298	0.2	1.2	0.1
1047511	Drill Core	7.04	<0.005	0.3	3.9	42.3	109	0.1	2.5	2.4	715	0.94	6	9.5	<0.1	16.7	320	0.5	1.4	<0.1
1047512	Drill Core	6.10	<0.005	0.4	1.5	27.1	80	<0.1	2.2	1.7	701	0.93	5	7.8	<0.1	15.7	264	0.3	1.4	<0.1
1047513	Drill Core	2.83	<0.005	0.9	21.1	36.0	85	<0.1	1.8	1.9	843	0.98	8	8.8	<0.1	16.3	257	0.3	5.4	0.2
1047514	Drill Core	1.19	<0.005	0.4	5.4	30.4	91	<0.1	2.2	2.6	890	0.93	5	8.7	<0.1	14.6	233	0.3	1.9	0.2
1047515	Drill Core	7.11	0.056	154.7	1484	228.9	200	2.9	9.4	16.2	663	4.54	15	1.2	0.3	4.8	219	1.2	11.7	0.8



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000732.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047486	Drill Core	0.74	0.038	15.2	3	0.29	657	0.104	7.06	0.019	2.71	1.1	58.3	28	0.7	9.5	13.2	1.3	1	3
1047487	Drill Core	0.82	0.035	13.9	4	0.21	613	0.098	7.01	0.021	2.63	1.2	56.2	27	0.8	8.7	14.4	1.4	2	2
1047488	Rock	20.47	0.017	0.6	<1	13.19	9	0.001	0.02	0.003	0.02	<0.1	0.3	<1	<0.1	0.7	0.1	<0.1	<1	<1
1047489	Drill Core	0.31	0.034	14.6	3	0.11	686	0.093	6.57	0.020	2.57	1.5	57.1	27	0.6	8.7	14.7	1.4	1	2
1047490	Drill Core	0.31	0.038	14.6	3	0.15	543	0.095	6.65	0.020	2.59	1.2	59.3	27	0.7	8.5	14.7	1.4	2	2
1047491	Drill Core	0.35	0.036	14.6	2	0.14	539	0.090	6.69	0.021	2.68	1.1	56.3	28	0.7	9.2	14.5	1.4	2	2
1047492	Drill Core	0.31	0.030	13.1	2	0.12	593	0.083	6.43	0.026	2.43	1.3	55.4	25	0.8	8.6	15.1	1.5	2	2
1047493	Drill Core	0.39	0.038	15.0	2	0.14	451	0.091	6.89	0.027	2.29	1.3	56.8	28	0.9	8.8	15.7	1.6	1	2
1047494	Drill Core	0.67	0.036	15.2	<1	0.21	362	0.090	7.83	0.038	3.28	1.3	61.2	29	0.9	10.0	17.1	1.6	1	2
1047495	Drill Core	0.62	0.030	13.8	2	0.14	244	0.083	6.63	0.035	2.71	1.3	54.1	26	0.8	9.0	15.5	1.5	2	2
1047496	Drill Core	0.77	0.032	13.3	2	0.24	481	0.088	7.14	0.043	2.94	1.6	56.5	25	0.9	9.0	16.5	1.6	1	2
1047497	Drill Core	1.51	0.062	15.2	4	0.42	582	0.099	8.65	0.057	2.88	1.6	55.5	31	1.4	10.7	13.4	1.3	2	4
1047498	Drill Core	0.58	0.081	12.5	6	0.39	81	0.078	7.21	0.045	3.25	1.2	34.8	26	1.3	8.7	7.4	0.6	2	5
1047499	Drill Core	0.20	0.042	15.3	4	0.11	798	0.080	7.17	0.072	2.85	1.3	53.3	28	1.1	8.9	14.6	1.4	2	2
1047500	Drill Core	0.67	0.090	11.5	8	0.41	93	0.049	6.31	0.050	2.63	0.6	18.4	24	1.6	6.2	2.1	0.1	1	4
1047501	Drill Core	0.90	0.088	11.8	9	0.43	99	0.054	6.66	0.064	3.05	0.9	17.5	25	2.8	7.2	1.5	<0.1	1	4
1047502	Rock Pulp	0.44	0.122	15.4	47	0.84	80	0.258	6.94	1.267	3.12	28.4	24.6	30	3.3	12.4	3.4	0.2	1	12
1047503	Drill Core	1.44	0.035	14.3	6	0.41	564	0.082	6.88	0.032	1.98	1.1	55.1	26	0.9	8.8	14.6	1.4	2	2
1047504	Drill Core	2.28	0.033	12.7	6	0.36	428	0.074	6.36	0.024	1.91	0.8	50.1	23	0.7	8.6	12.5	1.2	2	2
1047505	Drill Core	3.06	0.033	12.6	6	0.35	551	0.079	6.47	0.028	2.18	0.9	54.2	24	0.6	9.3	13.5	1.2	2	2
1047506	Drill Core	2.76	0.033	13.0	8	0.40	482	0.081	6.27	0.028	2.11	1.0	51.1	24	0.7	8.6	13.1	1.3	2	2
1047507	Drill Core	2.60	0.031	14.4	7	0.45	454	0.080	6.75	0.031	1.90	0.8	53.1	26	0.6	9.1	13.7	1.3	2	2
1047508	Drill Core	2.55	0.032	12.6	5	0.39	251	0.078	6.11	0.028	1.91	1.0	49.9	24	0.6	8.4	12.9	1.2	2	2
1047509	Drill Core	3.09	0.033	14.3	4	0.45	534	0.084	6.62	0.030	1.99	1.0	52.6	26	0.8	9.0	13.7	1.3	2	2
1047510	Drill Core	1.95	0.028	10.7	3	0.34	333	0.067	4.62	0.025	1.55	0.8	43.5	20	0.5	7.0	11.0	1.0	1	2
1047511	Drill Core	3.47	0.033	13.6	4	0.43	499	0.079	6.71	0.036	2.17	1.0	50.5	24	0.7	8.9	13.1	1.3	2	2
1047512	Drill Core	2.65	0.029	12.8	6	0.39	465	0.075	6.34	0.034	2.19	1.0	51.6	23	0.7	8.1	12.7	1.3	2	2
1047513	Drill Core	3.15	0.032	13.9	8	0.42	735	0.075	6.50	0.036	2.00	1.0	50.5	25	0.6	9.5	12.8	1.2	2	2
1047514	Drill Core	3.44	0.029	11.6	8	0.40	601	0.073	6.25	0.035	1.90	1.0	49.3	21	0.5	8.9	13.0	1.2	2	2
1047515	Drill Core	2.48	0.081	15.3	15	0.71	245	0.052	6.77	0.077	2.56	0.2	13.8	29	1.7	9.4	0.9	<0.1	<1	5



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Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000732.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047486	Drill Core	<0.1	138.9	2.8
1047487	Drill Core	<0.1	135.3	2.8
1047488	Rock	<0.1	0.5	<0.1
1047489	Drill Core	<0.1	145.0	2.7
1047490	Drill Core	<0.1	138.8	3.0
1047491	Drill Core	<0.1	141.5	2.9
1047492	Drill Core	<0.1	120.8	2.9
1047493	Drill Core	0.2	110.9	2.9
1047494	Drill Core	<0.1	124.6	3.1
1047495	Drill Core	<0.1	116.4	2.9
1047496	Drill Core	<0.1	123.1	2.9
1047497	Drill Core	0.9	124.5	2.7
1047498	Drill Core	2.1	132.7	1.6
1047499	Drill Core	0.6	110.3	2.6
1047500	Drill Core	2.3	106.8	0.6
1047501	Drill Core	3.7	122.3	0.6
1047502	Rock Pulp	2.7	114.3	0.8
1047503	Drill Core	<0.1	98.9	2.8
1047504	Drill Core	<0.1	88.1	2.4
1047505	Drill Core	<0.1	99.2	2.5
1047506	Drill Core	<0.1	95.2	2.5
1047507	Drill Core	<0.1	94.0	2.6
1047508	Drill Core	<0.1	84.5	2.4
1047509	Drill Core	<0.1	88.9	2.6
1047510	Drill Core	<0.1	69.8	2.1
1047511	Drill Core	0.2	99.2	2.5
1047512	Drill Core	0.1	97.5	2.4
1047513	Drill Core	0.1	96.0	2.5
1047514	Drill Core	0.2	74.1	2.6
1047515	Drill Core	3.0	85.3	0.5



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QUALITY CONTROL REPORT

SMI11000732.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
REP G1	QC	<0.005																			
1047402	Drill Core	7.04	0.110	8.8	2608	6.2	24	0.2	6.4	17.7	162	4.99	2	0.5	0.1	4.1	489	<0.1	0.4	0.4	54
REP 1047402	QC			10.4	2572	6.3	25	0.2	7.3	18.0	169	5.01	4	0.5	0.1	3.6	482	0.2	0.3	0.5	54
1047454	Drill Core	4.31	0.076	55.6	2054	15.8	74	1.1	19.8	21.1	458	4.08	5	0.6	0.2	3.5	561	0.4	0.9	0.5	78
REP 1047454	QC	0.073																			
1047457	Drill Core	6.48	0.052	24.3	1542	61.5	147	1.0	92.6	17.1	906	4.57	5	1.0	<0.1	2.7	216	0.7	0.9	0.4	139
REP 1047457	QC			25.0	1462	60.7	144	1.0	91.8	16.2	831	4.17	4	1.0	<0.1	2.8	219	0.4	1.1	0.4	137
1047463	Drill Core	7.15	<0.005	0.5	47.6	40.0	235	0.6	10.5	7.8	1078	2.25	7	3.0	<0.1	8.3	550	0.5	5.0	0.1	59
REP 1047463	QC	<0.005																			
1047470	Drill Core	7.75	0.044	22.2	1624	102.4	463	3.3	13.1	16.8	3797	4.35	7	1.1	<0.1	4.3	292	2.3	3.7	0.4	82
REP 1047470	QC			25.2	1728	114.7	507	3.5	14.5	17.8	4088	4.45	9	1.2	<0.1	4.4	312	2.7	3.9	0.4	88
1047489	Drill Core	6.86	<0.005	0.3	1.9	34.1	315	<0.1	2.1	1.6	875	1.28	4	4.0	<0.1	16.2	299	0.3	1.8	<0.1	15
REP 1047489	QC	<0.005																			
1047508	Drill Core	6.56	<0.005	0.4	3.6	72.5	178	0.2	2.0	1.9	593	0.87	5	9.9	<0.1	15.1	289	0.4	2.4	<0.1	14
REP 1047508	QC	<0.005																			
1047512	Drill Core	6.10	<0.005	0.4	1.5	27.1	80	<0.1	2.2	1.7	701	0.93	5	7.8	<0.1	15.7	264	0.3	1.4	<0.1	14
REP 1047512	QC			0.3	1.7	27.3	84	<0.1	2.2	1.9	699	0.94	5	7.7	<0.1	15.7	270	0.2	1.3	<0.1	13
Core Reject Duplicates																					
1047416	Rock	0.51	<0.005	0.1	8.2	2.7	9	<0.1	1.6	0.7	244	0.45	14	<0.1	<0.1	<0.1	26	<0.1	0.2	<0.1	1
DUP 1047416	QC	<0.005		0.1	5.9	1.8	14	<0.1	1.8	0.7	229	0.45	13	0.2	<0.1	<0.1	32	0.2	<0.1	<0.1	2
1047451	Drill Core	3.80	0.045	19.8	1196	19.9	90	0.8	11.6	9.8	647	3.48	3	1.0	<0.1	3.8	291	0.3	1.3	0.3	74
DUP 1047451	QC	0.042		25.6	1190	16.8	102	0.6	9.0	8.7	623	3.49	3	0.9	<0.1	3.4	269	0.3	1.5	0.3	72
1047486	Drill Core	6.09	<0.005	0.4	2.7	43.4	396	0.3	2.9	2.3	1063	1.34	7	8.0	<0.1	16.1	305	0.6	2.0	0.1	20
DUP 1047486	QC	<0.005		0.7	2.7	44.7	382	0.2	3.2	2.6	1057	1.32	7	7.8	<0.1	15.8	307	0.5	1.8	0.2	20
Reference Materials																					
STD OREAS24P	Standard			1.4	47.9	3.0	117	<0.1	137.2	44.6	1112	7.24	3	0.7	<0.1	2.9	380	0.1	<0.1	<0.1	153
STD OREAS24P	Standard			1.5	57.6	4.3	124	<0.1	137.8	44.0	1050	7.62	3	0.7	<0.1	2.9	391	0.3	<0.1	<0.1	166
STD OREAS24P	Standard			1.7	60.3	3.1	133	<0.1	150.7	47.1	1144	7.48	5	0.6	<0.1	3.2	338	0.2	<0.1	<0.1	164



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Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC																				
1047402	Drill Core	2.04	0.095	9.2	8	0.71	26	0.108	6.17	1.566	1.62	<0.1	11.6	19	1.3	6.0	2.8	0.1	<1	5	5.8
REP 1047402	QC	2.17	0.097	8.2	8	0.73	31	0.104	6.28	1.632	1.69	<0.1	11.8	17	1.4	5.7	2.5	0.2	<1	5	6.2
1047454	Drill Core	2.37	0.087	10.5	19	0.86	55	0.099	6.96	0.956	2.56	<0.1	9.6	23	1.9	7.7	1.7	<0.1	1	7	8.8
REP 1047454	QC																				
1047457	Drill Core	2.21	0.078	11.9	122	1.02	55	0.118	8.19	0.547	3.69	0.2	9.5	28	1.3	6.0	0.7	<0.1	2	14	9.9
REP 1047457	QC	2.10	0.077	11.8	108	0.98	66	0.112	8.05	0.519	3.61	0.1	9.4	27	1.4	5.7	0.6	<0.1	1	14	10.2
1047463	Drill Core	2.50	0.092	19.1	14	0.90	1144	0.262	7.30	0.061	2.59	0.7	90.0	37	0.5	9.0	9.9	0.7	1	5	23.5
REP 1047463	QC																				
1047470	Drill Core	2.46	0.116	16.8	13	0.98	447	0.149	7.47	0.064	2.87	1.2	20.7	33	1.4	10.0	2.3	0.1	1	8	12.9
REP 1047470	QC	2.61	0.125	17.4	12	1.04	398	0.163	8.05	0.068	3.07	1.3	21.5	35	1.6	10.4	2.4	0.2	2	9	14.0
1047489	Drill Core	0.31	0.034	14.6	3	0.11	686	0.093	6.57	0.020	2.57	1.5	57.1	27	0.6	8.7	14.7	1.4	1	2	12.2
REP 1047489	QC																				
1047508	Drill Core	2.55	0.032	12.6	5	0.39	251	0.078	6.11	0.028	1.91	1.0	49.9	24	0.6	8.4	12.9	1.2	2	2	17.6
REP 1047508	QC																				
1047512	Drill Core	2.65	0.029	12.8	6	0.39	465	0.075	6.34	0.034	2.19	1.0	51.6	23	0.7	8.1	12.7	1.3	2	2	12.0
REP 1047512	QC	2.65	0.031	13.2	8	0.40	462	0.081	6.47	0.034	2.07	1.0	51.3	24	0.7	8.5	13.0	1.2	2	2	11.8
Core Reject Duplicates																					
1047416	Rock	21.60	0.015	0.4	<1	11.72	14	0.002	<0.01	0.002	0.02	<0.1	0.2	<1	<0.1	0.6	<0.1	<0.1	<1	<1	0.5
DUP 1047416	QC	21.34	0.015	0.4	<1	11.79	12	0.001	<0.01	0.002	0.02	<0.1	<0.1	<1	<0.1	0.4	0.1	<0.1	<1	<1	0.6
1047451	Drill Core	2.84	0.107	13.0	13	0.83	72	0.126	7.25	0.089	2.35	0.1	15.9	28	1.1	7.7	2.0	0.1	2	7	15.2
DUP 1047451	QC	2.79	0.106	11.7	10	0.81	84	0.124	7.16	0.083	2.31	0.1	14.4	26	1.1	7.6	2.0	0.1	<1	7	14.2
1047486	Drill Core	0.74	0.038	15.2	3	0.29	657	0.104	7.06	0.019	2.71	1.1	58.3	28	0.7	9.5	13.2	1.3	1	3	9.8
DUP 1047486	QC	0.72	0.034	15.0	3	0.27	667	0.105	6.91	0.019	2.70	1.0	58.6	28	0.8	9.6	13.4	1.3	2	2	10.1
Reference Materials																					
STD OREAS24P	Standard	5.62	0.141	19.3	204	4.04	282	1.122	7.71	2.323	0.70	0.4	130.7	37	1.7	21.4	18.8	1.0	1	19	7.9
STD OREAS24P	Standard	5.59	0.136	19.5	202	4.19	285	1.008	7.67	2.478	0.68	0.2	135.5	38	1.6	22.9	19.5	1.1	1	20	8.3
STD OREAS24P	Standard	6.35	0.135	19.4	198	4.07	289	1.155	7.62	2.473	0.66	0.5	132.3	37	1.4	21.7	19.1	1.2	1	20	8.8



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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
REP G1	QC			
1047402	Drill Core	5.5	38.4	0.4
REP 1047402	QC	5.5	37.1	0.4
1047454	Drill Core	2.8	80.0	0.3
REP 1047454	QC			
1047457	Drill Core	3.0	103.5	0.2
REP 1047457	QC	2.9	101.1	0.3
1047463	Drill Core	<0.1	118.9	2.9
REP 1047463	QC			
1047470	Drill Core	2.5	108.7	0.6
REP 1047470	QC	2.6	116.7	0.6
1047489	Drill Core	<0.1	145.0	2.7
REP 1047489	QC			
1047508	Drill Core	<0.1	84.5	2.4
REP 1047508	QC			
1047512	Drill Core	0.1	97.5	2.4
REP 1047512	QC	0.1	93.9	2.6
Core Reject Duplicates				
1047416	Rock	<0.1	0.7	<0.1
DUP 1047416	QC	<0.1	0.7	<0.1
1047451	Drill Core	2.1	80.2	0.4
DUP 1047451	QC	2.1	70.4	0.4
1047486	Drill Core	<0.1	138.9	2.8
DUP 1047486	QC	<0.1	133.5	2.8
Reference Materials				
STD OREAS24P	Standard	<0.1	20.5	3.2
STD OREAS24P	Standard	<0.1	20.7	3.4
STD OREAS24P	Standard	<0.1	22.1	3.5



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.8	48.8	3.0	118	0.3	151.9	47.1	1124	7.87	1	0.7	<0.1	2.8	423	0.1	0.2	<0.1
STD OREAS45C	Standard			2.3	628.8	28.9	90	0.3	359.1	105.0	1196	19.63	13	2.6	<0.1	12.1	41	0.2	1.0	0.2
STD OREAS45C	Standard			2.3	634.5	25.7	103	0.5	340.6	106.7	1187	19.61	12	2.4	<0.1	10.6	40	0.3	0.8	0.3
STD OREAS45C	Standard			2.3	623.5	26.2	81	0.1	334.5	103.8	1154	16.82	13	2.2	<0.1	11.2	28	0.2	0.6	0.2
STD OREAS45C	Standard			1.9	617.5	25.7	79	0.4	346.3	109.7	1156	19.39	11	2.5	<0.1	11.0	39	0.2	0.9	0.3
STD OXH82	Standard		1.304																	
STD OXH82	Standard		1.300																	
STD OXH82	Standard		1.255																	
STD OXH82	Standard		1.287																	
STD OXH82	Standard		1.315																	
STD OXK79	Standard		3.595																	
STD OXK79	Standard		3.597																	
STD OXK79	Standard		3.286																	
STD OXK79	Standard		3.688																	
STD OXK79	Standard		3.718																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.80	0.141	18.8	224	4.24	284	1.079	7.79	2.577	0.69	0.4	131.9	39	1.6	20.2	18.5	1.0	2	19	8.1
STD OREAS45C	Standard	0.52	0.055	29.7	955	0.26	311	1.302	7.24	0.107	0.38	1.1	183.7	54	3.1	14.3	23.8	1.4	1	59	16.3
STD OREAS45C	Standard	0.51	0.052	28.6	961	0.26	296	1.132	7.50	0.109	0.38	1.1	176.4	54	3.1	13.8	23.4	1.5	<1	60	16.6
STD OREAS45C	Standard	0.48	0.048	27.6	976	0.26	290	1.183	7.34	0.111	0.39	1.0	154.4	49	2.8	11.9	21.2	1.3	<1	59	15.5
STD OREAS45C	Standard	0.47	0.054	26.2	963	0.28	276	1.133	7.42	0.120	0.35	1.0	155.8	52	2.5	12.1	20.9	1.3	<1	57	15.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	22.8	3.2
STD OREAS45C	Standard	<0.1	26.1	4.3
STD OREAS45C	Standard	<0.1	24.9	4.8
STD OREAS45C	Standard	<0.1	24.8	4.3
STD OREAS45C	Standard	<0.1	23.5	4.0
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	7.3	<0.1	<1	<0.1	<0.1	<0.2	7	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank		<0.005	0.9	12.6	21.2	60	<0.1	3.5	5.8	807	2.35	2	3.2	<0.1	11.1	800	<0.1	<0.1	0.2
G1	Prep Blank			0.8	8.9	21.8	59	<0.1	3.8	5.1	807	2.50	2	2.9	<0.1	10.6	808	<0.1	<0.1	0.2
G1	Prep Blank		<0.005																	



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		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	0.002	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1
Prep Wash																				
G1	Prep Blank	2.47	0.079	32.2	9	0.58	1198	0.285	7.66	2.819	3.18	<0.1	12.0	59	1.6	14.4	25.7	1.4	3	5
G1	Prep Blank	2.49	0.086	30.0	10	0.59	1201	0.299	7.43	2.856	3.20	0.1	11.8	57	1.7	14.6	26.3	1.4	3	5
G1	Prep Blank																			



Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Lions Gate Metals Inc.**

880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 23, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000732.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	128.9	0.6
G1	Prep Blank	<0.1	129.0	0.8
G1	Prep Blank			



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 16, 2011
Report Date: December 20, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000733.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_24_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	117	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 20, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047516	Drill Core	6.79	0.057	15.2	1419	19.9	83	0.6	9.5	11.2	802	3.24	6	0.9	<0.1	4.6	239	0.3	4.0	1.2
1047517	Drill Core	6.68	0.052	15.8	1064	87.6	430	2.1	7.7	9.4	977	4.37	7	0.9	<0.1	4.5	321	2.8	1.6	0.7
1047518	Drill Core	7.03	0.043	13.6	1129	22.6	45	1.1	7.9	12.2	466	3.32	5	0.8	<0.1	3.9	743	0.2	0.7	0.5
1047519	Drill Core	7.95	0.047	22.3	1220	27.9	76	1.2	5.5	12.9	619	3.00	7	0.9	<0.1	4.6	768	0.3	2.5	0.4
1047520	Drill Core	7.94	0.049	20.3	1321	90.0	117	2.2	10.0	16.0	592	5.78	8	0.6	<0.1	3.2	455	0.7	1.0	0.8
1047521	Drill Core	7.24	0.043	19.4	1354	64.9	190	2.2	6.6	11.5	1122	3.52	3	0.7	<0.1	4.6	608	0.7	1.6	0.3
1047522	Drill Core	4.17	0.059	19.1	1455	52.5	111	1.2	5.5	12.9	1007	3.54	7	0.6	<0.1	4.3	578	0.4	1.4	0.3
1047523	Drill Core	4.82	0.037	32.3	1030	22.7	68	0.9	5.7	12.1	568	3.36	4	0.8	<0.1	4.6	589	0.3	1.4	0.4
1047524	Drill Core	6.99	0.049	14.0	1223	85.4	99	1.7	4.9	11.3	755	4.09	6	0.8	<0.1	4.6	501	0.7	1.6	0.9
1047525	Drill Core	7.45	0.047	20.7	1088	14.7	36	0.4	7.1	12.4	293	4.07	4	0.8	<0.1	4.5	494	0.3	0.5	0.5
1047526	Drill Core	7.13	0.041	14.1	1066	64.2	86	1.1	4.9	15.7	437	4.39	4	0.6	<0.1	4.1	648	0.5	1.3	0.4
1047527	Rock	0.59	<0.005	<0.1	7.4	1.1	11	<0.1	0.5	0.5	239	0.51	3	0.3	<0.1	<0.1	33	<0.1	<0.1	<0.1
1047528	Drill Core	5.98	0.043	10.4	894.9	94.1	474	1.4	7.2	13.9	680	5.71	5	0.7	<0.1	4.1	413	2.7	1.5	1.0
1047529	Drill Core	6.87	0.048	10.1	1140	41.4	142	0.8	5.0	10.1	964	3.60	6	0.8	<0.1	4.2	566	0.6	1.8	0.4
1047530	Drill Core	7.42	0.083	8.5	1836	71.2	217	2.2	7.0	12.2	1625	4.59	12	0.7	<0.1	4.1	395	0.7	2.6	0.5
1047531	Drill Core	7.01	0.054	12.5	1556	40.1	113	1.4	7.3	15.1	778	4.46	5	0.8	<0.1	4.4	494	0.4	1.7	0.5
1047532	Drill Core	7.28	0.053	21.3	1385	41.3	116	1.1	6.6	11.7	704	3.58	6	0.8	<0.1	4.8	383	0.5	2.2	0.4
1047533	Drill Core	7.34	0.050	26.5	1455	35.2	107	1.3	6.7	14.0	733	4.26	4	0.7	<0.1	4.3	425	0.4	1.9	0.6
1047534	Drill Core	3.21	0.064	8.3	1523	74.1	180	2.3	7.9	13.5	1006	4.12	5	0.8	<0.1	5.0	384	1.0	1.8	0.4
1047535	Drill Core	7.36	0.067	6.6	1698	53.3	193	2.0	7.4	11.8	1003	4.88	5	0.6	<0.1	4.3	464	0.8	2.1	0.4
1047536	Drill Core	7.26	0.063	8.1	1660	75.5	342	1.8	8.5	12.8	868	4.26	6	0.7	<0.1	4.2	553	1.8	1.5	0.5
1047538	Drill Core	6.64	0.039	8.4	1383	13.3	53	0.7	5.7	12.9	373	3.52	2	0.7	<0.1	4.3	481	0.1	0.6	1.1
1047539	Drill Core	6.92	0.041	6.8	1269	12.5	48	0.5	6.5	11.6	235	3.73	3	0.8	<0.1	4.7	549	0.2	0.4	0.3
1047540	Drill Core	6.93	0.046	6.6	1242	15.1	56	0.7	6.3	10.7	234	3.22	3	0.7	<0.1	4.5	574	<0.1	0.6	0.3
1047541	Rock Pulp	0.10	0.905	22.9	5216	6380	>10000	76.3	45.6	19.3	585	8.79	390	2.3	0.9	2.3	163	229.6	114.2	26.9
1047542	Drill Core	6.96	0.057	7.9	1159	81.2	432	1.2	6.8	10.6	680	3.37	6	0.8	<0.1	4.4	529	2.2	2.0	0.4
1047543	Drill Core	6.52	0.043	15.9	1251	10.3	40	0.4	6.4	12.9	273	3.44	3	1.6	<0.1	4.3	583	<0.1	0.4	0.3
1047544	Drill Core	6.67	0.045	57.4	1287	9.9	41	0.4	6.0	11.8	323	3.06	2	1.0	<0.1	4.9	585	<0.1	0.3	0.3
1047545	Drill Core	6.56	0.055	10.1	1424	17.7	47	0.9	5.6	11.8	508	3.54	2	0.9	<0.1	5.1	1007	0.1	0.6	0.3
1047546	Drill Core	6.27	0.050	6.1	1307	67.4	146	4.8	6.7	10.4	1871	3.38	6	0.8	<0.1	5.0	230	0.7	1.7	0.2



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Project: Poplar Drilling
Report Date: December 20, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047516	Drill Core	2.55	0.087	13.5	8	0.80	250	0.055	7.53	0.096	2.04	<0.1	14.9	29	1.4	7.9	1.2	<0.1	1	7
1047517	Drill Core	1.86	0.102	11.2	7	0.65	96	0.051	6.78	0.552	2.44	<0.1	15.8	26	1.9	7.3	1.2	<0.1	2	6
1047518	Drill Core	3.32	0.096	11.2	8	0.62	80	0.040	6.45	0.918	2.33	<0.1	15.0	26	1.1	7.1	0.7	<0.1	<1	5
1047519	Drill Core	3.43	0.101	13.6	8	0.65	140	0.056	6.89	0.709	2.50	<0.1	15.1	31	1.4	8.0	1.1	<0.1	1	6
1047520	Drill Core	2.79	0.081	10.5	13	0.51	635	0.054	5.99	0.252	2.66	<0.1	12.0	23	2.0	6.8	0.9	<0.1	<1	5
1047521	Drill Core	3.05	0.107	12.4	10	0.65	132	0.046	6.83	0.466	2.59	<0.1	13.2	28	1.6	7.6	0.9	<0.1	<1	6
1047522	Drill Core	2.40	0.104	10.0	8	0.69	127	0.044	6.60	0.976	2.27	<0.1	11.3	24	1.3	6.5	0.9	<0.1	<1	5
1047523	Drill Core	2.85	0.108	12.5	10	0.69	88	0.052	6.99	1.293	2.37	<0.1	14.0	28	1.5	7.9	0.9	<0.1	1	6
1047524	Drill Core	2.46	0.096	10.8	9	0.69	102	0.040	6.75	1.039	2.44	<0.1	14.4	26	2.0	6.3	0.8	<0.1	2	5
1047525	Drill Core	2.41	0.101	11.2	13	0.61	158	0.046	6.62	0.926	2.48	<0.1	13.8	26	2.2	6.5	0.9	<0.1	<1	5
1047526	Drill Core	3.49	0.092	12.2	9	0.65	90	0.041	6.56	0.887	2.31	<0.1	12.7	27	1.6	7.4	0.8	<0.1	1	6
1047527	Rock	16.72	0.013	0.4	<1	11.83	12	0.001	0.03	0.004	0.02	<0.1	0.1	<1	0.1	0.8	<0.1	<0.1	<1	<1
1047528	Drill Core	2.74	0.104	14.5	7	0.56	379	0.045	6.47	0.328	2.64	<0.1	13.0	32	2.8	8.9	1.0	<0.1	<1	5
1047529	Drill Core	2.78	0.101	11.5	7	0.73	131	0.051	6.78	0.756	2.25	<0.1	12.4	26	1.1	6.8	1.2	<0.1	1	6
1047530	Drill Core	1.88	0.096	10.4	8	0.71	119	0.055	6.72	0.287	2.50	<0.1	10.9	23	1.4	6.7	1.4	<0.1	1	6
1047531	Drill Core	2.82	0.099	11.9	8	0.64	84	0.043	6.85	0.505	2.50	<0.1	12.4	27	1.7	7.0	0.8	<0.1	1	5
1047532	Drill Core	2.23	0.111	11.9	9	0.64	125	0.057	7.01	1.468	2.20	<0.1	13.4	28	1.3	7.1	1.0	<0.1	1	5
1047533	Drill Core	2.99	0.108	11.6	9	0.67	94	0.055	7.13	0.977	2.19	<0.1	14.1	28	1.4	7.0	1.1	<0.1	1	6
1047534	Drill Core	4.10	0.118	12.6	7	0.69	145	0.054	6.96	0.729	2.35	<0.1	13.6	30	1.3	7.7	1.0	<0.1	<1	6
1047535	Drill Core	2.61	0.092	11.5	9	0.59	58	0.048	6.48	1.143	2.52	<0.1	13.2	28	1.8	8.3	1.1	<0.1	<1	5
1047536	Drill Core	1.94	0.103	10.4	9	0.64	100	0.063	6.44	1.246	2.38	<0.1	13.3	25	1.6	6.4	1.3	<0.1	<1	6
1047538	Drill Core	2.62	0.101	10.4	10	0.61	70	0.050	6.65	1.444	2.34	<0.1	13.2	25	1.3	6.7	1.1	<0.1	1	5
1047539	Drill Core	2.40	0.103	11.0	13	0.72	92	0.093	6.76	2.165	2.09	<0.1	13.8	25	1.4	7.1	2.0	0.1	<1	6
1047540	Drill Core	2.35	0.101	10.8	9	0.68	99	0.072	6.62	1.949	2.12	<0.1	15.7	25	1.0	7.2	1.6	0.1	1	5
1047541	Rock Pulp	1.77	0.051	10.4	32	0.89	355	0.169	3.81	1.282	0.74	1.0	44.4	24	50.0	10.9	4.3	0.2	<1	8
1047542	Drill Core	2.07	0.093	11.5	9	0.61	99	0.057	6.60	1.491	2.25	<0.1	12.9	27	1.2	6.9	1.2	<0.1	1	6
1047543	Drill Core	2.21	0.103	11.5	9	0.66	120	0.066	7.35	1.995	2.22	<0.1	15.6	27	1.2	6.9	1.5	<0.1	<1	6
1047544	Drill Core	2.12	0.111	11.6	11	0.69	192	0.070	7.51	1.842	2.37	<0.1	14.8	27	1.2	6.9	1.2	<0.1	<1	6
1047545	Drill Core	2.01	0.101	12.0	10	0.67	213	0.074	7.62	1.813	2.37	<0.1	17.5	28	0.9	6.7	1.6	<0.1	<1	6
1047546	Drill Core	2.46	0.102	12.4	7	0.71	543	0.078	7.16	1.005	2.54	<0.1	15.1	29	0.8	7.4	1.7	0.1	<1	6



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Project: Poplar Drilling
Report Date: December 20, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047516	Drill Core	2.6	65.4	0.5
1047517	Drill Core	3.4	81.3	0.6
1047518	Drill Core	3.8	62.1	0.5
1047519	Drill Core	3.4	70.6	0.5
1047520	Drill Core	6.7	81.6	0.3
1047521	Drill Core	3.7	80.7	0.5
1047522	Drill Core	2.6	67.5	0.5
1047523	Drill Core	3.4	68.0	0.7
1047524	Drill Core	3.3	71.2	0.5
1047525	Drill Core	3.4	69.1	0.4
1047526	Drill Core	4.2	64.9	0.5
1047527	Rock	<0.1	0.7	<0.1
1047528	Drill Core	6.6	85.6	0.4
1047529	Drill Core	3.1	75.4	0.4
1047530	Drill Core	3.3	87.6	0.4
1047531	Drill Core	4.2	78.9	0.5
1047532	Drill Core	3.0	63.5	0.5
1047533	Drill Core	3.9	60.5	0.5
1047534	Drill Core	3.8	66.8	0.6
1047535	Drill Core	4.2	75.4	0.4
1047536	Drill Core	3.3	73.7	0.4
1047538	Drill Core	3.8	54.1	0.4
1047539	Drill Core	2.8	53.7	0.5
1047540	Drill Core	2.8	53.5	0.6
1047541	Rock Pulp	9.6	22.6	1.1
1047542	Drill Core	3.2	67.0	0.4
1047543	Drill Core	2.9	53.8	0.6
1047544	Drill Core	2.2	54.7	0.5
1047545	Drill Core	2.2	65.2	0.7
1047546	Drill Core	1.5	73.2	0.5



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Project:

Poplar Drilling

Report Date:

December 20, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047547	Drill Core	6.32	0.038	20.1	1158	20.0	58	0.7	5.9	11.1	469	3.17	4	0.8	<0.1	5.3	286	0.2	0.5	0.2
1047548	Drill Core	7.11	0.045	6.3	1061	31.0	95	0.9	5.7	9.5	1126	3.23	7	0.8	<0.1	5.2	230	0.2	3.9	0.2
1047549	Drill Core	7.42	0.073	7.6	1798	280.9	1462	9.7	9.0	11.3	3656	3.77	63	0.8	<0.1	3.8	298	8.0	59.3	0.5
1047550	Drill Core	7.74	0.116	14.3	3374	284.5	937	3.9	42.1	19.3	3057	5.73	99	0.8	0.2	3.3	388	5.5	23.5	0.9
1047551	Drill Core	4.44	0.137	22.1	3707	31.7	114	0.8	48.0	24.3	424	8.10	17	0.4	0.2	2.9	173	0.6	1.4	1.2
1047552	Drill Core	2.57	0.064	29.5	3809	41.6	154	0.9	49.7	31.5	395	9.92	19	0.4	0.1	2.5	158	1.0	1.4	1.7
1047553	Drill Core	4.38	0.165	6.4	4834	384.8	1605	1.9	36.1	17.0	1907	5.36	72	0.4	0.1	3.1	231	11.1	8.5	0.7
1047554	Drill Core	4.91	0.109	7.6	2606	103.0	478	0.9	9.1	10.3	678	3.40	17	0.5	0.1	4.3	345	2.9	4.7	0.4
1047555	Drill Core	3.71	0.103	15.5	2297	59.0	162	0.4	7.4	9.8	399	2.62	7	0.4	<0.1	4.5	559	1.1	1.1	0.3
1047556	Drill Core	5.23	0.110	12.3	2098	32.3	91	0.3	7.4	11.1	321	2.96	4	0.4	<0.1	4.1	655	0.5	0.5	0.3
1047557	Drill Core	7.02	0.091	12.6	2384	6.1	26	0.2	6.2	11.0	136	2.91	5	0.5	<0.1	4.5	604	<0.1	0.2	0.4
1047558	Drill Core	7.01	0.095	8.6	2581	118.8	310	0.6	5.9	8.3	539	3.63	8	0.6	0.1	4.2	445	1.8	1.1	0.6
1047559	Drill Core	4.82	0.080	7.9	2247	10.3	35	0.2	6.6	10.9	199	3.52	5	0.6	0.1	4.4	727	<0.1	0.4	0.2
1047560	Drill Core	6.60	0.121	8.9	2961	270.7	875	3.2	7.1	11.4	1328	3.86	50	0.7	0.1	4.6	518	5.5	5.8	0.7
1047561	Drill Core	6.83	0.098	5.0	2938	282.2	1192	5.9	6.2	12.4	1854	3.34	148	0.8	0.1	4.5	341	7.9	39.3	0.4
1047562	Drill Core	6.55	0.135	8.1	3272	334.6	668	2.6	6.2	12.4	1250	3.84	110	0.6	0.2	4.3	322	4.6	19.3	0.6
1047563	Drill Core	6.79	0.106	8.7	2818	24.7	92	0.4	5.2	9.1	320	3.24	23	0.5	0.1	4.1	255	0.5	1.4	0.5
1047564	Rock	0.49	<0.005	<0.1	5.9	1.4	11	<0.1	1.9	1.3	218	0.48	9	0.6	<0.1	<0.1	37	<0.1	<0.1	<0.1
1047565	Drill Core	5.12	0.148	5.3	3816	13.6	38	0.4	6.4	12.3	219	3.91	11	0.6	0.1	4.5	631	0.1	0.6	0.4
1047566	Drill Core	6.11	0.128	5.7	3247	9.0	34	0.4	5.2	9.5	284	3.23	29	0.5	0.1	4.5	241	<0.1	0.9	0.3
1047567	Drill Core	7.01	0.148	8.1	3661	62.9	253	1.0	6.5	13.9	992	3.89	354	0.9	0.2	5.9	287	1.1	23.5	0.4
1047568	Drill Core	6.66	0.116	4.2	3381	54.2	144	0.8	5.3	11.1	932	3.56	79	0.6	<0.1	4.8	285	0.7	3.2	0.3
1047569	Drill Core	6.12	0.122	7.4	3030	300.2	3726	4.6	4.6	9.3	2489	3.28	68	0.6	0.2	4.6	318	23.9	7.3	0.5
1047570	Drill Core	5.31	0.172	18.7	4379	239.0	1402	9.3	6.1	12.3	4760	4.37	76	0.7	0.3	5.0	356	8.7	7.9	0.6
1047571	Drill Core	6.93	0.135	3.7	3388	15.9	52	0.4	5.2	9.5	193	4.20	6	0.6	0.1	4.5	535	0.2	0.7	0.3
1047572	Drill Core	7.43	0.100	4.1	2827	46.1	251	1.1	4.9	9.6	425	3.20	16	0.6	<0.1	4.1	483	1.7	1.1	0.3
1047573	Drill Core	6.45	0.090	5.8	2530	48.0	91	0.8	4.9	9.6	409	3.51	13	0.5	0.1	4.4	562	0.5	0.9	0.7
1047574	Drill Core	7.19	0.103	6.7	3420	19.1	64	0.6	5.3	10.4	337	3.70	12	0.5	0.2	4.8	387	0.3	1.0	0.6
1047575	Drill Core	7.39	0.118	6.1	2905	189.4	519	2.7	4.4	8.9	1435	3.21	54	0.6	0.1	4.7	454	3.1	16.9	0.4
1047576	Drill Core	6.93	0.075	5.9	2351	26.4	90	0.6	5.2	9.7	579	3.71	7	0.5	<0.1	4.4	397	0.4	1.1	0.4



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Project: Poplar Drilling
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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047547	Drill Core	2.05	0.111	14.4	8	0.68	693	0.056	7.17	1.410	2.37	<0.1	14.6	32	1.0	7.5	1.5	<0.1	2	6
1047548	Drill Core	2.86	0.105	13.4	7	0.73	933	0.065	7.38	0.867	2.41	<0.1	14.1	29	1.0	7.6	1.4	<0.1	<1	6
1047549	Drill Core	1.94	0.093	13.5	10	0.65	173	0.092	6.69	0.056	1.96	1.0	17.7	29	1.4	7.0	2.1	0.1	<1	7
1047550	Drill Core	1.77	0.049	17.9	65	0.93	98	0.147	5.20	0.205	1.75	0.5	8.6	42	2.1	7.3	3.3	0.2	1	10
1047551	Drill Core	1.26	0.042	10.8	70	0.74	28	0.098	4.44	0.246	1.81	<0.1	5.6	22	2.1	5.1	1.8	<0.1	<1	8
1047552	Drill Core	1.22	0.039	10.2	65	0.68	24	0.088	4.05	0.198	1.66	0.2	5.5	21	2.2	4.8	1.9	<0.1	<1	7
1047553	Drill Core	1.71	0.042	10.3	63	0.71	110	0.082	4.85	0.142	1.72	0.2	8.2	21	1.7	5.4	1.4	<0.1	<1	8
1047554	Drill Core	2.04	0.081	9.8	11	0.67	140	0.091	6.66	0.521	2.65	0.1	10.6	21	1.6	6.7	1.6	0.1	<1	6
1047555	Drill Core	2.47	0.100	8.3	10	0.64	393	0.097	6.80	1.940	1.92	0.1	11.7	19	1.2	7.5	1.9	0.1	<1	5
1047556	Drill Core	2.86	0.091	9.3	14	0.65	180	0.114	6.59	2.395	1.79	0.1	9.9	22	1.0	8.1	2.4	0.2	<1	6
1047557	Drill Core	2.71	0.101	9.6	14	0.68	91	0.105	6.61	2.018	2.24	<0.1	12.5	21	1.4	7.3	2.0	0.1	<1	6
1047558	Drill Core	2.57	0.091	9.7	11	0.69	119	0.099	6.52	0.662	2.64	0.3	10.5	22	2.0	6.9	1.9	0.1	<1	6
1047559	Drill Core	2.31	0.101	9.1	13	0.67	135	0.134	6.69	2.003	2.48	<0.1	13.2	21	1.2	8.0	3.1	0.2	1	6
1047560	Drill Core	1.89	0.099	10.4	11	0.71	100	0.127	8.10	0.827	2.76	0.4	12.3	24	1.7	7.3	2.7	0.2	<1	6
1047561	Drill Core	2.32	0.093	10.3	10	0.66	210	0.114	6.60	0.072	2.42	0.6	13.0	23	1.5	8.1	2.4	0.1	<1	6
1047562	Drill Core	2.09	0.085	10.5	9	0.69	123	0.100	6.53	0.218	2.63	0.3	13.2	23	1.8	7.1	2.0	0.1	<1	5
1047563	Drill Core	2.22	0.086	9.2	10	0.68	237	0.117	6.37	1.217	2.63	0.1	13.5	21	1.5	7.1	2.7	0.2	1	5
1047564	Rock	17.26	0.017	0.6	<1	11.37	13	0.003	0.05	0.003	0.02	<0.1	0.1	<1	<0.1	0.6	0.1	<0.1	<1	<1
1047565	Drill Core	1.78	0.089	8.5	7	0.62	75	0.127	6.78	1.649	2.83	<0.1	12.9	20	1.4	6.5	3.1	0.2	<1	6
1047566	Drill Core	1.79	0.091	9.3	6	0.67	108	0.121	6.73	1.277	2.80	0.2	12.7	21	1.2	6.7	2.8	0.2	<1	6
1047567	Drill Core	1.22	0.132	15.3	9	0.52	140	0.162	8.51	0.230	2.65	2.7	18.3	34	1.5	9.7	3.8	0.3	2	7
1047568	Drill Core	1.88	0.099	9.9	7	0.71	219	0.128	6.78	0.883	3.03	0.2	13.7	23	1.4	7.4	3.1	0.2	1	6
1047569	Drill Core	1.68	0.093	10.6	6	0.66	90	0.104	6.87	0.358	2.88	0.3	13.0	25	1.5	6.8	2.4	0.1	1	5
1047570	Drill Core	1.16	0.095	11.3	6	0.53	76	0.105	6.91	0.301	2.92	0.9	13.2	25	1.9	6.8	2.6	0.2	<1	6
1047571	Drill Core	2.21	0.092	9.5	8	0.65	172	0.134	6.40	2.279	2.91	<0.1	14.2	22	1.4	8.2	3.3	0.3	1	5
1047572	Drill Core	2.41	0.092	8.8	7	0.62	105	0.114	6.13	1.705	2.64	0.1	14.3	21	1.4	7.3	2.7	0.2	1	5
1047573	Drill Core	2.39	0.090	9.8	8	0.65	119	0.121	6.34	1.477	2.68	0.2	13.6	22	1.3	7.7	2.8	0.2	<1	6
1047574	Drill Core	1.79	0.090	10.1	8	0.66	96	0.111	7.74	0.990	2.84	0.2	13.3	23	1.4	7.2	2.8	0.2	<1	6
1047575	Drill Core	1.86	0.090	10.6	6	0.66	352	0.125	6.71	0.492	2.89	0.6	12.3	24	1.4	6.9	3.1	0.2	<1	5
1047576	Drill Core	1.93	0.103	10.1	7	0.68	240	0.121	7.19	1.220	2.74	0.1	13.5	23	1.1	7.4	2.9	0.2	<1	6



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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047547	Drill Core	1.5	66.3	0.5
1047548	Drill Core	1.1	71.4	0.4
1047549	Drill Core	2.6	73.8	0.5
1047550	Drill Core	3.4	80.0	0.3
1047551	Drill Core	6.7	67.0	0.1
1047552	Drill Core	9.1	59.9	0.1
1047553	Drill Core	3.7	75.7	0.2
1047554	Drill Core	2.7	81.2	0.5
1047555	Drill Core	1.9	53.3	0.4
1047556	Drill Core	2.8	54.2	0.4
1047557	Drill Core	3.2	54.4	0.5
1047558	Drill Core	3.0	65.0	0.4
1047559	Drill Core	2.5	61.5	0.5
1047560	Drill Core	2.6	78.0	0.5
1047561	Drill Core	2.3	79.6	0.5
1047562	Drill Core	2.8	77.5	0.5
1047563	Drill Core	2.3	60.4	0.4
1047564	Rock	<0.1	0.9	<0.1
1047565	Drill Core	3.0	59.5	0.5
1047566	Drill Core	2.1	57.1	0.5
1047567	Drill Core	2.2	82.1	0.7
1047568	Drill Core	2.3	78.7	0.5
1047569	Drill Core	2.4	90.7	0.6
1047570	Drill Core	3.3	105.6	0.5
1047571	Drill Core	2.4	61.9	0.5
1047572	Drill Core	3.0	58.6	0.6
1047573	Drill Core	3.0	66.4	0.5
1047574	Drill Core	2.6	73.2	0.5
1047575	Drill Core	1.6	80.8	0.5
1047576	Drill Core	1.9	70.8	0.5



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047577	Drill Core	6.80	0.128	3.1	3590	12.0	52	0.7	5.1	11.4	414	4.88	6	0.7	0.2	4.6	362	0.1	0.7	1.0
1047578	Drill Core	3.76	0.122	3.0	3505	11.9	55	0.7	6.3	11.4	430	4.86	6	0.7	0.2	4.2	394	0.1	0.6	0.8
1047579	Drill Core	5.56	0.114	5.0	3523	71.0	348	1.2	4.9	10.0	1029	3.30	20	0.5	0.1	3.9	300	2.0	1.8	0.5
1047580	Drill Core	2.07	0.074	2.5	2175	44.7	249	1.3	5.1	9.6	3974	4.14	41	0.6	<0.1	5.3	364	1.1	4.4	0.6
1047581	Drill Core	7.09	0.077	2.6	2166	91.0	281	1.3	5.5	10.4	1927	3.74	34	0.7	<0.1	4.0	635	1.4	10.7	0.4
1047582	Drill Core	7.44	0.041	1.9	1064	63.2	217	0.7	6.8	13.0	820	4.65	17	0.7	0.1	3.5	529	1.0	2.3	0.5
1047583	Drill Core	6.82	0.034	1.1	1038	127.1	373	1.6	5.6	10.1	1684	3.78	23	0.8	<0.1	4.9	401	2.1	4.4	0.4
1047584	Drill Core	6.57	0.027	1.9	565.4	17.1	75	0.4	5.9	9.5	2577	3.69	9	1.0	<0.1	5.1	439	0.1	2.3	0.2
1047585	Drill Core	4.03	0.016	1.1	409.4	15.3	62	0.5	5.3	8.0	1242	3.55	5	1.1	<0.1	4.1	438	0.2	1.0	0.2
1047586	Drill Core	6.86	0.100	2.2	2971	30.5	127	2.2	5.2	10.2	740	3.57	8	0.7	0.1	4.4	384	0.8	1.9	0.3
1047587	Drill Core	7.22	0.079	2.1	1941	897.0	1146	8.4	5.3	9.2	4309	4.37	45	0.8	<0.1	4.6	324	5.9	23.0	0.7
1047588	Drill Core	7.73	0.082	3.5	2262	89.4	370	4.5	6.6	9.3	2327	3.84	33	0.9	0.1	4.9	211	2.3	6.2	0.4
1047589	Drill Core	6.54	0.086	3.1	2633	385.3	1303	8.5	5.4	11.1	4847	4.22	88	0.9	0.1	4.9	211	5.8	20.1	0.4
1047590	Drill Core	6.61	0.078	5.2	2435	82.0	327	3.8	5.9	10.7	1432	3.34	19	0.7	0.1	4.3	335	1.9	4.1	0.4
1047591	Drill Core	3.87	0.048	2.2	1161	53.2	218	2.3	4.7	7.9	2028	3.46	7	0.7	<0.1	4.7	558	0.7	2.3	0.2
1047592	Drill Core	6.00	0.066	2.0	1650	87.4	975	4.2	4.8	8.7	2840	4.10	21	0.8	<0.1	4.7	452	5.6	5.3	0.3
1047593	Drill Core	7.20	<0.005	0.8	11.7	67.6	217	0.7	4.1	4.8	2006	2.45	7	2.9	<0.1	6.1	388	0.6	14.0	0.2
1047594	Rock Pulp	0.11	0.949	22.1	5275	6405	>10000	68.3	44.1	18.4	462	9.13	236	2.2	0.9	2.3	125	214.6	111.3	20.9
1047595	Drill Core	6.82	<0.005	1.3	11.6	54.9	246	0.7	3.5	4.7	1957	2.29	10	3.4	<0.1	5.8	292	0.8	6.5	0.2
1047596	Drill Core	6.67	<0.005	1.3	6.0	55.6	226	0.4	3.7	4.9	1495	2.29	7	2.5	<0.1	5.4	395	0.6	3.2	<0.1
1047597	Drill Core	6.96	0.007	2.1	10.9	240.1	371	0.6	3.7	5.2	2249	2.47	10	3.4	<0.1	6.1	533	1.7	3.6	0.1
1047598	Drill Core	6.95	<0.005	1.6	9.6	64.0	236	0.3	4.3	5.3	1820	2.31	6	3.4	<0.1	5.8	557	0.4	2.1	<0.1
1047599	Drill Core	7.32	<0.005	1.5	6.8	70.6	226	0.4	3.1	4.3	1820	2.16	8	3.5	<0.1	5.5	471	0.6	2.3	<0.1
1047600	Drill Core	7.06	<0.005	1.7	9.4	76.3	239	0.3	3.2	4.6	1942	2.24	8	3.2	<0.1	5.4	442	0.8	2.6	0.1
1047601	Drill Core	7.04	<0.005	2.3	42.6	358.0	1198	3.0	4.1	4.7	3899	2.42	19	3.7	<0.1	5.8	500	5.3	12.8	0.2
1047602	Drill Core	6.74	<0.005	1.2	14.7	180.1	429	1.7	3.7	4.7	6554	2.32	13	3.8	<0.1	6.0	579	1.9	9.9	<0.1
1047603	Drill Core	7.06	<0.005	1.0	18.6	69.8	203	0.9	3.2	4.7	2532	2.19	11	2.8	<0.1	5.7	403	0.7	9.7	0.1
1047604	Drill Core	7.18	<0.005	1.5	3.2	56.8	233	0.3	3.5	4.8	1951	2.22	7	2.8	<0.1	5.5	510	0.7	3.1	<0.1
1047605	Drill Core	7.28	<0.005	1.5	6.4	67.9	238	0.3	3.6	5.1	1950	2.38	7	2.6	<0.1	6.1	507	0.7	3.4	<0.1
1047606	Rock	0.59	<0.005	<0.1	0.5	0.9	13	<0.1	0.5	0.7	200	<0.01	9	0.6	<0.1	<0.1	27	<0.1	<0.1	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047577	Drill Core	1.96	0.108	11.4	8	0.73	114	0.118	6.94	1.111	2.88	0.2	14.0	25	2.4	8.0	2.8	0.2	1	6
1047578	Drill Core	1.98	0.101	10.2	8	0.71	129	0.125	6.57	1.249	2.75	0.1	14.4	24	2.0	7.9	3.5	0.2	1	6
1047579	Drill Core	2.66	0.084	9.0	7	0.69	452	0.110	6.44	0.635	2.95	0.2	13.3	20	1.0	7.1	2.8	0.2	<1	6
1047580	Drill Core	2.05	0.103	12.5	6	0.81	556	0.116	6.86	0.117	3.39	0.9	12.2	27	1.0	7.7	3.2	0.2	<1	6
1047581	Drill Core	2.19	0.108	10.3	7	0.66	195	0.148	6.17	0.737	2.83	0.4	15.0	23	0.9	7.6	4.0	0.3	<1	5
1047582	Drill Core	2.65	0.120	7.6	5	0.72	90	0.153	6.28	1.160	2.49	0.2	15.7	19	1.2	6.8	4.5	0.3	<1	5
1047583	Drill Core	2.23	0.130	12.4	6	0.81	184	0.152	6.98	0.845	2.94	0.4	17.1	28	1.0	7.8	4.4	0.3	<1	6
1047584	Drill Core	2.02	0.131	11.6	7	0.81	621	0.178	7.16	1.237	2.81	0.7	18.8	27	0.5	8.7	5.2	0.4	2	6
1047585	Drill Core	3.93	0.114	9.2	10	0.74	443	0.162	6.38	1.781	2.43	0.2	18.4	21	0.3	8.3	4.4	0.3	<1	5
1047586	Drill Core	1.99	0.084	9.0	9	0.62	294	0.110	6.84	1.501	3.14	0.3	13.4	20	0.9	6.9	3.2	0.2	1	6
1047587	Drill Core	1.77	0.079	9.4	10	0.64	149	0.130	6.50	0.691	2.85	1.5	12.7	21	1.5	7.8	4.0	0.3	1	6
1047588	Drill Core	2.24	0.081	10.2	11	0.69	336	0.159	6.59	0.751	3.17	1.0	15.6	22	0.7	7.6	5.1	0.3	<1	6
1047589	Drill Core	2.45	0.088	10.7	11	0.69	129	0.152	6.90	0.106	3.38	1.6	15.7	23	1.6	8.7	4.5	0.4	<1	6
1047590	Drill Core	2.36	0.074	7.9	10	0.68	152	0.143	6.15	1.064	3.13	0.5	13.5	18	1.1	6.7	4.6	0.3	<1	6
1047591	Drill Core	2.13	0.084	9.4	8	0.70	784	0.165	6.80	1.388	2.80	0.4	15.7	22	0.6	8.1	5.0	0.3	<1	6
1047592	Drill Core	2.36	0.099	9.5	9	0.73	384	0.156	6.69	0.945	3.09	0.8	15.5	22	0.7	8.6	4.9	0.3	1	6
1047593	Drill Core	2.19	0.083	16.8	8	0.57	1313	0.175	7.14	0.096	4.61	1.0	69.3	34	0.6	10.3	9.7	0.7	1	5
1047594	Rock Pulp	1.79	0.045	9.4	31	0.91	37	0.176	3.79	1.167	0.66	1.3	27.8	21	47.1	10.6	4.2	0.2	<1	8
1047595	Drill Core	2.81	0.080	16.3	7	0.56	1290	0.169	7.05	0.108	4.38	0.9	65.8	33	0.5	10.5	9.2	0.7	1	4
1047596	Drill Core	2.80	0.078	14.8	7	0.53	1304	0.169	6.70	0.416	3.65	0.7	59.1	31	0.6	9.7	9.5	0.7	<1	4
1047597	Drill Core	2.70	0.083	15.8	8	0.62	1442	0.183	7.22	0.312	3.84	0.7	63.8	34	0.9	10.6	9.5	0.7	1	5
1047598	Drill Core	1.99	0.081	16.5	7	0.58	1403	0.175	7.17	0.513	3.55	0.8	62.4	34	0.7	10.9	9.7	0.7	<1	5
1047599	Drill Core	2.61	0.074	14.1	7	0.53	1251	0.165	6.57	0.762	3.20	0.7	59.3	30	0.6	9.6	8.6	0.6	<1	4
1047600	Drill Core	3.02	0.077	14.2	8	0.53	1423	0.166	6.42	0.613	3.57	0.8	65.1	31	0.5	9.9	9.3	0.7	<1	4
1047601	Drill Core	2.31	0.083	15.6	7	0.45	1433	0.177	6.86	0.346	3.75	1.3	70.8	33	0.5	10.6	9.4	0.7	2	4
1047602	Drill Core	1.75	0.083	15.5	7	0.52	1226	0.173	6.96	0.052	3.18	1.8	64.5	33	0.7	10.3	9.4	0.7	2	4
1047603	Drill Core	2.55	0.078	14.6	7	0.54	1230	0.171	6.94	0.076	4.00	1.1	60.8	31	0.5	10.2	8.8	0.7	<1	5
1047604	Drill Core	2.57	0.082	14.8	7	0.57	1240	0.172	6.98	0.303	3.64	1.0	63.1	31	0.8	10.2	9.0	0.7	1	5
1047605	Drill Core	2.50	0.086	16.5	7	0.60	1354	0.178	7.18	0.812	3.76	0.9	64.5	35	0.6	10.7	9.4	0.7	<1	5
1047606	Rock	17.43	0.018	0.5	3	12.17	25	0.004	0.07	0.004	0.03	<0.1	0.2	1	<0.1	0.7	0.2	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047577	Drill Core	3.0	76.2	0.5
1047578	Drill Core	2.7	70.2	0.5
1047579	Drill Core	1.4	66.5	0.5
1047580	Drill Core	1.3	108.5	0.4
1047581	Drill Core	2.3	89.4	0.5
1047582	Drill Core	3.4	56.7	0.6
1047583	Drill Core	1.8	87.4	0.7
1047584	Drill Core	0.8	74.8	0.7
1047585	Drill Core	0.8	33.7	0.6
1047586	Drill Core	1.1	60.0	0.4
1047587	Drill Core	1.3	94.5	0.5
1047588	Drill Core	0.8	82.4	0.8
1047589	Drill Core	1.9	113.1	0.6
1047590	Drill Core	1.4	77.7	0.5
1047591	Drill Core	0.6	75.6	0.5
1047592	Drill Core	0.7	86.5	0.6
1047593	Drill Core	<0.1	170.8	2.5
1047594	Rock Pulp	9.0	20.0	0.8
1047595	Drill Core	<0.1	142.9	2.1
1047596	Drill Core	<0.1	124.3	2.1
1047597	Drill Core	0.1	132.4	2.3
1047598	Drill Core	<0.1	126.9	2.2
1047599	Drill Core	0.1	114.7	2.0
1047600	Drill Core	0.1	122.2	2.1
1047601	Drill Core	0.3	142.7	2.0
1047602	Drill Core	0.1	131.0	2.1
1047603	Drill Core	0.1	148.0	2.3
1047604	Drill Core	<0.1	130.5	2.3
1047605	Drill Core	<0.1	140.7	1.9
1047606	Rock	<0.1	1.4	<0.1



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047607	Drill Core	7.19	0.008	2.0	7.4	258.8	353	0.8	3.6	5.2	2874	2.23	11	4.6	<0.1	5.8	433	1.0	4.3	0.1
1047608 (was 1047537)	Drill Core	7.51	0.038	12.4	1086	21.8	84	0.9	5.9	12.1	354	3.99	3	0.7	<0.1	4.2	381	0.2	1.0	0.3
1047609	Drill Core	7.18	0.006	2.2	6.2	143.7	402	0.5	3.0	4.4	2697	2.36	8	3.5	<0.1	6.3	380	2.2	4.5	0.1
1047610	Drill Core	6.73	<0.005	2.0	12.5	392.4	698	0.7	3.6	4.9	3299	2.49	10	3.2	<0.1	5.7	525	3.5	5.9	<0.1
1047611	Drill Core	7.32	0.014	1.8	11.1	717.8	479	1.1	3.1	4.6	3431	2.35	12	3.5	<0.1	5.5	531	2.6	6.4	<0.1
1047612	Drill Core	6.69	0.008	2.1	2.9	56.6	257	0.6	4.2	5.0	2990	2.51	8	3.8	<0.1	6.6	454	0.8	4.7	<0.1
1047613	Drill Core	7.40	0.006	1.7	2.9	56.8	240	0.5	3.2	4.6	2474	2.43	8	3.7	<0.1	6.6	415	0.5	3.8	<0.1
1047614	Drill Core	7.08	0.007	2.3	3.6	52.0	222	0.6	3.8	5.2	2558	2.40	13	3.5	<0.1	6.0	400	0.5	4.9	<0.1
1047615	Drill Core	3.77	0.013	7.0	8.7	184.9	271	0.7	3.3	5.4	1783	2.45	17	4.1	<0.1	5.8	607	1.7	8.0	<0.1
1047616	Drill Core	2.13	<0.005	1.0	55.2	33.9	96	0.4	11.8	16.7	1984	5.71	48	0.7	<0.1	3.0	2199	0.3	8.5	<0.1
1047617	Drill Core	6.48	<0.005	2.1	7.8	40.0	179	0.3	4.1	5.8	1532	2.61	27	3.3	<0.1	6.5	420	0.7	7.0	0.1
1047618	Drill Core	6.92	0.010	1.9	392.3	61.5	170	0.8	6.2	7.9	1276	3.08	65	2.3	<0.1	5.6	489	0.6	10.8	0.3
1047619	Drill Core	6.02	0.045	28.2	2300	212.0	447	7.7	4.2	8.4	1643	2.98	470	1.2	<0.1	4.7	349	3.1	71.4	0.8
1047620	Drill Core	2.78	0.009	8.4	400.5	34.9	200	1.2	4.4	6.5	1605	3.01	158	4.5	<0.1	6.8	762	0.9	25.1	0.4
1047621	Drill Core	5.49	<0.005	1.1	7.0	23.2	103	0.1	4.2	4.7	1063	2.37	13	3.3	<0.1	5.6	490	0.2	7.6	0.1
1047622	Drill Core	4.39	0.039	46.6	2072	119.8	344	3.1	4.4	11.0	1136	3.48	397	1.4	<0.1	5.2	566	2.4	66.6	0.7
1047623	Drill Core	4.83	0.107	20.1	2301	331.0	1259	7.5	5.4	10.4	1998	5.71	526	1.2	0.1	4.5	586	7.4	32.6	3.2
1047624	Drill Core	7.01	0.054	22.9	2116	58.1	143	2.2	4.7	10.0	1071	2.97	135	1.2	<0.1	5.6	298	0.7	13.5	0.5
1047625	Drill Core	6.45	0.039	68.2	1835	29.7	79	1.4	4.6	8.7	708	2.90	75	1.1	<0.1	5.8	278	0.6	6.8	0.2
1047626	Drill Core	5.47	0.063	30.3	2688	56.9	179	1.4	6.2	10.4	1034	3.18	248	1.1	<0.1	5.0	699	0.5	9.6	0.2
1047627	Drill Core	3.04	0.115	60.2	2005	361.7	925	7.1	6.3	11.1	1897	4.57	436	2.1	0.1	4.3	368	6.0	59.7	2.3
1047628	Drill Core	5.22	0.078	188.3	1950	250.9	946	4.3	7.7	9.3	1434	4.39	478	1.1	<0.1	4.3	579	5.0	53.8	0.7
1047629	Rock Pulp	0.14	0.011	684.2	125.2	14.6	90	0.1	17.0	6.6	666	2.79	4	3.0	<0.1	6.0	290	0.5	0.6	0.6
1047630	Drill Core	6.81	0.040	16.4	1609	187.7	534	4.2	4.9	7.9	1683	2.68	379	1.2	<0.1	4.9	567	4.0	66.2	0.3
1047631	Drill Core	7.09	0.010	2.8	53.9	164.1	444	1.4	4.6	6.3	2214	2.49	31	6.0	<0.1	6.6	392	2.7	12.0	0.3
1047632	Drill Core	1.74	0.008	1.0	5.0	38.6	96	0.1	4.0	4.4	529	1.62	13	2.9	<0.1	6.2	1265	0.1	8.7	0.2
1047633	Drill Core	7.60	0.042	27.2	1745	117.2	361	3.7	5.0	6.2	1147	2.00	400	1.4	<0.1	5.9	951	2.0	316.2	0.2
1047634	Drill Core	6.76	0.036	8.4	1842	15.1	130	29.5	5.0	8.3	853	2.28	443	0.9	<0.1	5.4	695	0.4	176.3	<0.1
1047635	Drill Core	7.22	0.032	23.8	1618	11.5	85	0.8	4.1	7.4	1015	2.27	272	0.9	<0.1	5.4	487	0.2	42.5	<0.1
1047636	Drill Core	6.73	0.054	70.8	1940	220.9	528	6.0	5.3	9.0	5455	3.23	422	1.0	<0.1	5.5	530	3.3	38.0	0.4



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047607	Drill Core	2.48	0.083	17.0	7	0.48	1263	0.178	7.30	0.122	3.87	0.9	63.6	34	0.5	10.5	9.4	0.6	1	5
1047608 (was 1047537)	Drill Core	2.45	0.090	8.7	11	0.69	50	0.067	6.36	1.659	2.36	0.1	12.4	21	1.3	6.8	1.5	<0.1	<1	6
1047609	Drill Core	1.82	0.080	16.6	7	0.54	1341	0.178	7.06	0.065	3.52	0.9	60.0	34	0.7	10.6	9.1	0.7	1	5
1047610	Drill Core	2.19	0.084	14.5	8	0.62	1589	0.185	7.21	0.060	3.15	1.1	64.0	31	0.7	10.2	10.2	0.8	1	5
1047611	Drill Core	1.84	0.079	14.4	7	0.58	1987	0.171	6.78	0.051	3.11	1.2	57.6	29	0.6	9.3	8.8	0.7	<1	5
1047612	Drill Core	2.10	0.091	17.2	8	0.65	1152	0.187	7.61	0.058	3.25	1.0	64.6	36	0.7	11.1	9.9	0.7	1	5
1047613	Drill Core	2.18	0.085	18.7	7	0.70	1405	0.182	7.47	0.057	3.73	0.9	63.9	37	0.5	11.4	9.2	0.7	2	5
1047614	Drill Core	1.96	0.087	15.9	7	0.64	1278	0.178	7.19	0.055	3.29	0.8	65.6	34	0.6	10.6	9.3	0.6	1	5
1047615	Drill Core	1.62	0.083	15.9	7	0.54	1838	0.178	6.90	0.059	3.22	0.9	64.8	33	0.6	9.3	8.9	0.6	1	5
1047616	Drill Core	3.32	0.180	18.8	17	1.42	515	0.634	8.24	0.037	0.85	0.6	73.2	40	0.8	10.1	9.0	0.4	<1	15
1047617	Drill Core	2.04	0.097	18.5	9	0.66	1344	0.214	7.91	0.415	3.31	0.7	79.0	39	0.8	12.0	10.1	0.8	2	5
1047618	Drill Core	2.16	0.108	17.2	9	0.73	1263	0.252	7.61	0.657	3.50	0.7	68.7	37	0.8	11.1	9.2	0.7	1	7
1047619	Drill Core	1.78	0.093	15.3	8	0.69	465	0.144	6.96	0.325	3.53	1.9	20.2	32	1.0	8.5	4.1	0.3	<1	6
1047620	Drill Core	2.21	0.090	20.6	5	0.77	2272	0.224	8.11	0.071	3.65	1.0	66.5	42	0.9	12.2	8.9	0.6	1	5
1047621	Drill Core	1.41	0.098	18.6	6	0.51	816	0.231	7.63	0.113	2.21	1.0	67.2	36	0.6	9.0	9.3	0.7	1	3
1047622	Drill Core	1.66	0.094	21.9	6	0.71	163	0.148	7.93	0.078	3.04	0.9	14.2	44	1.6	8.9	3.6	0.3	<1	5
1047623	Drill Core	1.38	0.096	16.7	5	0.65	39	0.106	6.63	0.057	3.08	2.7	13.5	37	5.2	8.0	2.6	0.1	<1	5
1047624	Drill Core	1.99	0.095	21.6	5	0.79	655	0.137	7.72	0.211	3.31	0.6	14.3	44	1.4	9.7	3.3	0.2	1	5
1047625	Drill Core	2.10	0.105	21.0	5	0.84	1207	0.163	8.23	0.835	3.12	0.5	15.2	43	1.1	9.9	4.1	0.3	<1	6
1047626	Drill Core	1.93	0.094	18.6	5	0.82	915	0.124	7.93	0.131	3.11	0.1	13.7	37	1.0	7.2	3.0	0.2	1	5
1047627	Drill Core	0.82	0.072	20.7	5	0.48	62	0.104	6.67	0.068	3.00	7.4	11.2	44	6.8	7.6	2.7	0.2	<1	4
1047628	Drill Core	1.40	0.055	21.4	5	0.61	253	0.085	6.03	0.050	2.26	0.3	9.9	43	0.9	7.0	2.5	0.1	<1	3
1047629	Rock Pulp	1.59	0.085	26.5	24	0.55	848	0.246	6.94	2.013	2.58	5.3	21.1	51	5.6	12.1	11.0	0.7	2	4
1047630	Drill Core	1.90	0.099	16.1	5	0.76	803	0.154	7.89	0.066	2.96	1.1	14.6	33	1.3	7.5	3.6	0.2	1	5
1047631	Drill Core	1.94	0.099	18.4	5	0.69	1197	0.230	7.91	0.077	4.30	1.7	75.9	38	1.0	12.8	10.7	0.8	1	4
1047632	Drill Core	0.96	0.111	19.3	4	0.38	1324	0.191	7.22	0.065	3.26	0.9	63.6	38	0.6	9.6	9.6	0.6	2	3
1047633	Drill Core	0.81	0.094	26.5	5	0.41	626	0.144	6.99	0.046	2.20	0.7	14.7	54	1.0	8.2	3.7	0.2	<1	5
1047634	Drill Core	1.62	0.108	18.6	5	0.57	1252	0.133	7.82	0.059	2.40	0.2	14.7	37	0.7	5.5	3.1	0.2	<1	4
1047635	Drill Core	1.88	0.105	22.2	6	0.65	1414	0.126	7.46	0.316	2.93	0.3	14.1	43	0.8	6.0	3.5	0.2	<1	4
1047636	Drill Core	1.86	0.105	26.4	6	0.66	362	0.160	7.74	0.133	3.66	1.8	13.4	53	1.3	9.4	4.2	0.3	1	5



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Project: Poplar Drilling
Report Date: December 20, 2011

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CERTIFICATE OF ANALYSIS

SMI11000733.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047607	Drill Core	0.1	146.0	2.2
1047608 (was 1047537)	Drill Core	3.1	55.8	0.4
1047609	Drill Core	0.1	145.7	2.3
1047610	Drill Core	0.1	124.0	2.3
1047611	Drill Core	0.2	121.4	1.9
1047612	Drill Core	0.1	132.4	2.1
1047613	Drill Core	0.1	153.1	2.0
1047614	Drill Core	0.1	129.9	2.2
1047615	Drill Core	0.2	128.7	2.2
1047616	Drill Core	0.2	21.9	2.1
1047617	Drill Core	0.1	127.5	2.8
1047618	Drill Core	0.3	122.3	2.1
1047619	Drill Core	1.0	129.4	0.8
1047620	Drill Core	0.3	160.3	2.4
1047621	Drill Core	0.1	80.2	2.2
1047622	Drill Core	1.8	120.2	0.6
1047623	Drill Core	4.6	143.9	0.6
1047624	Drill Core	1.0	116.2	0.6
1047625	Drill Core	0.6	92.5	0.7
1047626	Drill Core	0.9	110.4	0.6
1047627	Drill Core	3.1	147.6	0.4
1047628	Drill Core	2.8	109.0	0.4
1047629	Rock Pulp	0.3	90.3	0.9
1047630	Drill Core	0.6	124.7	0.6
1047631	Drill Core	0.2	180.0	2.4
1047632	Drill Core	0.1	143.7	2.0
1047633	Drill Core	0.6	94.5	0.5
1047634	Drill Core	0.6	71.7	0.6
1047635	Drill Core	0.5	74.9	0.6
1047636	Drill Core	0.9	144.6	0.5



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QUALITY CONTROL REPORT

SMI11000733.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
1047545	Drill Core	6.56	0.055	10.1	1424	17.7	47	0.9	5.6	11.8	508	3.54	2	0.9	<0.1	5.1	1007	0.1	0.6	0.3	59
REP 1047545	QC			9.4	1441	17.1	49	0.9	5.6	12.2	490	3.63	2	0.9	<0.1	4.9	1023	0.2	0.4	0.3	60
REP 1047556	QC		0.097																		
1047571	Drill Core	6.93	0.135	3.7	3388	15.9	52	0.4	5.2	9.5	193	4.20	6	0.6	0.1	4.5	535	0.2	0.7	0.3	58
REP 1047571	QC		0.118																		
1047579	Drill Core	5.56	0.114	5.0	3523	71.0	348	1.2	4.9	10.0	1029	3.30	20	0.5	0.1	3.9	300	2.0	1.8	0.5	55
REP 1047579	QC			4.5	3528	67.5	352	1.2	4.6	9.8	1039	3.36	21	0.5	0.1	3.6	299	2.2	1.9	0.5	55
1047594	Rock Pulp	0.11	0.949	22.1	5275	6405	>10000	68.3	44.1	18.4	462	9.13	236	2.2	0.9	2.3	125	214.6	111.3	20.9	73
REP 1047594	QC			23.7	5523	6609	>10000	73.9	46.7	19.9	492	9.83	248	2.2	0.9	2.3	135	224.5	122.3	21.8	75
1047609	Drill Core	7.18	0.006	2.2	6.2	143.7	402	0.5	3.0	4.4	2697	2.36	8	3.5	<0.1	6.3	380	2.2	4.5	0.1	36
REP 1047609	QC		<0.005																		
1047632	Drill Core	1.74	0.008	1.0	5.0	38.6	96	0.1	4.0	4.4	529	1.62	13	2.9	<0.1	6.2	1265	0.1	8.7	0.2	35
REP 1047632	QC			0.9	4.6	39.6	94	0.2	3.7	4.2	531	1.65	12	2.9	<0.1	6.0	1219	0.1	8.3	0.2	34
Core Reject Duplicates																					
1047520	Drill Core	7.94	0.049	20.3	1321	90.0	117	2.2	10.0	16.0	592	5.78	8	0.6	<0.1	3.2	455	0.7	1.0	0.8	61
DUP 1047520	QC		0.046	18.9	1347	103.9	126	2.5	8.3	16.2	638	5.75	7	0.6	<0.1	3.2	463	0.7	1.0	0.8	65
1047556	Drill Core	5.23	0.110	12.3	2098	32.3	91	0.3	7.4	11.1	321	2.96	4	0.4	<0.1	4.1	655	0.5	0.5	0.3	55
DUP 1047556	QC		0.090	11.4	2005	33.3	96	0.3	6.3	10.3	302	2.89	3	0.4	<0.1	4.1	638	0.6	0.6	0.3	54
1047591	Drill Core	3.87	0.048	2.2	1161	53.2	218	2.3	4.7	7.9	2028	3.46	7	0.7	<0.1	4.7	558	0.7	2.3	0.2	54
DUP 1047591	QC		0.044	2.4	1147	49.7	210	2.3	5.0	7.3	1948	3.45	8	0.8	<0.1	4.5	527	0.8	2.3	0.2	53
1047626	Drill Core	5.47	0.063	30.3	2688	56.9	179	1.4	6.2	10.4	1034	3.18	248	1.1	<0.1	5.0	699	0.5	9.6	0.2	48
DUP 1047626	QC		0.059	37.7	2619	53.4	182	1.4	6.1	9.8	1080	3.06	268	1.2	<0.1	4.7	718	0.6	9.8	0.2	50
Reference Materials																					
STD OREAS24P	Standard			1.4	52.1	3.9	120	<0.1	144.5	47.4	1173	7.66	3	0.8	<0.1	3.1	391	<0.1	<0.1	<0.1	155
STD OREAS24P	Standard			1.7	54.3	2.7	122	<0.1	146.5	47.1	1078	7.44	5	0.6	<0.1	2.6	358	0.1	<0.1	<0.1	164
STD OREAS24P	Standard			1.0	45.3	2.6	112	<0.1	135.8	43.4	1086	7.24	3	0.7	<0.1	2.6	385	0.2	<0.1	<0.1	167
STD OREAS24P	Standard			1.3	46.3	3.5	115	<0.1	136.3	42.4	1099	7.57	3	0.7	<0.1	2.8	330	0.1	0.1	<0.1	156
STD OREAS24P	Standard			1.4	53.0	3.5	114	<0.1	139.7	43.8	1102	7.60	4	0.6	<0.1	3.0	386	0.1	0.3	<0.1	171



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QUALITY CONTROL REPORT

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		Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																					
1047545	Drill Core		2.01	0.101	12.0	10	0.67	213	0.074	7.62	1.813	2.37	<0.1	17.5	28	0.9	6.7	1.6	<0.1	<1	6
REP 1047545	QC		1.97	0.101	13.1	10	0.67	214	0.077	7.39	1.710	2.39	<0.1	16.5	29	1.3	7.2	1.6	0.1	1	6
REP 1047556	QC																				
1047571	Drill Core		2.21	0.092	9.5	8	0.65	172	0.134	6.40	2.279	2.91	<0.1	14.2	22	1.4	8.2	3.3	0.3	1	5
REP 1047571	QC																				
1047579	Drill Core		2.66	0.084	9.0	7	0.69	452	0.110	6.44	0.635	2.95	0.2	13.3	20	1.0	7.1	2.8	0.2	<1	6
REP 1047579	QC		2.64	0.084	7.8	5	0.68	398	0.093	5.99	0.614	2.86	0.2	11.9	19	1.1	6.8	2.3	0.1	<1	5
1047594	Rock Pulp		1.79	0.045	9.4	31	0.91	37	0.176	3.79	1.167	0.66	1.3	27.8	21	47.1	10.6	4.2	0.2	<1	8
REP 1047594	QC		1.93	0.045	10.7	35	0.98	35	0.186	4.03	1.222	0.71	1.2	30.0	24	51.6	11.3	4.5	0.1	<1	9
1047609	Drill Core		1.82	0.080	16.6	7	0.54	1341	0.178	7.06	0.065	3.52	0.9	60.0	34	0.7	10.6	9.1	0.7	1	5
REP 1047609	QC																				
1047632	Drill Core		0.96	0.111	19.3	4	0.38	1324	0.191	7.22	0.065	3.26	0.9	63.6	38	0.6	9.6	9.6	0.6	2	3
REP 1047632	QC		0.96	0.113	19.2	4	0.38	1305	0.187	7.27	0.064	3.28	0.8	59.3	39	0.7	9.2	8.8	0.6	1	3
Core Reject Duplicates																					
1047520	Drill Core		2.79	0.081	10.5	13	0.51	635	0.054	5.99	0.252	2.66	<0.1	12.0	23	2.0	6.8	0.9	<0.1	<1	5
DUP 1047520	QC		2.86	0.086	10.6	11	0.52	727	0.054	6.14	0.271	2.67	<0.1	11.6	24	2.4	9.0	0.9	<0.1	<1	5
1047556	Drill Core		2.86	0.091	9.3	14	0.65	180	0.114	6.59	2.395	1.79	0.1	9.9	22	1.0	8.1	2.4	0.2	<1	6
DUP 1047556	QC		2.71	0.088	8.5	13	0.62	169	0.111	6.42	2.316	1.73	<0.1	9.6	19	1.0	7.6	2.5	0.1	1	5
1047591	Drill Core		2.13	0.084	9.4	8	0.70	784	0.165	6.80	1.388	2.80	0.4	15.7	22	0.6	8.1	5.0	0.3	<1	6
DUP 1047591	QC		2.08	0.082	9.3	9	0.68	775	0.158	6.43	1.348	2.76	0.5	15.3	21	0.8	7.9	5.1	0.3	<1	6
1047626	Drill Core		1.93	0.094	18.6	5	0.82	915	0.124	7.93	0.131	3.11	0.1	13.7	37	1.0	7.2	3.0	0.2	1	5
DUP 1047626	QC		1.87	0.100	18.3	5	0.82	920	0.122	8.38	0.130	3.19	0.2	13.8	37	0.9	7.5	3.1	0.2	1	5
Reference Materials																					
STD OREAS24P	Standard		5.89	0.155	20.2	200	4.12	286	1.157	8.09	2.513	0.71	0.5	137.1	39	1.7	25.2	19.9	1.2	1	20
STD OREAS24P	Standard		5.40	0.132	16.9	201	4.15	259	1.080	7.87	2.498	0.65	0.3	127.0	33	1.3	19.5	17.9	1.0	1	19
STD OREAS24P	Standard		5.45	0.135	16.1	183	4.04	265	1.023	7.47	2.433	0.67	0.1	130.1	36	1.8	21.1	18.7	1.0	<1	20
STD OREAS24P	Standard		5.70	0.124	17.8	185	4.28	279	1.123	8.11	2.726	0.64	0.5	130.3	36	1.6	21.8	18.5	1.1	<1	22
STD OREAS24P	Standard		5.62	0.139	18.4	189	4.13	284	1.057	7.68	2.463	0.66	0.4	128.6	37	1.7	23.2	18.8	1.1	<1	21



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1047545	Drill Core	2.2	65.2	0.7
REP 1047545	QC	2.2	65.2	0.6
REP 1047556	QC			
1047571	Drill Core	2.4	61.9	0.5
REP 1047571	QC			
1047579	Drill Core	1.4	66.5	0.5
REP 1047579	QC	1.4	58.7	0.4
1047594	Rock Pulp	9.0	20.0	0.8
REP 1047594	QC	9.6	20.5	0.9
1047609	Drill Core	0.1	145.7	2.3
REP 1047609	QC			
1047632	Drill Core	0.1	143.7	2.0
REP 1047632	QC	0.1	138.7	2.0
Core Reject Duplicates				
1047520	Drill Core	6.7	81.6	0.3
DUP 1047520	QC	6.5	84.2	0.5
1047556	Drill Core	2.8	54.2	0.4
DUP 1047556	QC	2.7	51.6	0.4
1047591	Drill Core	0.6	75.6	0.5
DUP 1047591	QC	0.6	73.7	0.5
1047626	Drill Core	0.9	110.4	0.6
DUP 1047626	QC	0.8	110.5	0.6
Reference Materials				
STD OREAS24P	Standard	<0.1	24.4	3.5
STD OREAS24P	Standard	<0.1	20.8	3.1
STD OREAS24P	Standard	<0.1	21.8	3.4
STD OREAS24P	Standard	<0.1	21.2	3.2
STD OREAS24P	Standard	<0.1	22.3	3.3



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.1	659.8	24.4	80	0.3	325.8	107.2	1189	18.11	12	2.2	<0.1	10.4	37	0.2	1.2	0.2	280
STD OREAS45C	Standard			2.3	621.2	24.4	84	0.2	337.5	103.8	1121	18.61	11	2.1	<0.1	9.6	31	0.2	0.8	0.2	260
STD OREAS45C	Standard			2.3	623.0	23.2	85	0.5	337.2	100.8	1166	17.29	12	2.2	<0.1	9.8	38	0.2	0.8	0.3	269
STD OREAS45C	Standard			2.2	603.2	24.1	84	0.3	318.0	95.0	1110	18.24	11	2.4	<0.1	10.2	29	<0.1	1.0	0.2	252
STD OREAS45C	Standard			1.9	598.4	22.7	80	0.2	330.3	94.4	1094	16.96	13	2.1	<0.1	10.0	35	0.2	0.8	0.3	261
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.291																		
STD OXH82	Standard		1.287																		
STD OXH82	Standard		1.236																		
STD OXH82	Standard		1.263																		
STD OXH82	Standard		1.300																		
STD OXH82	Standard		1.315																		
STD OXK79	Standard		3.620																		
STD OXK79	Standard		3.546																		
STD OXK79	Standard		3.489																		
STD OXK79	Standard		3.567																		
STD OXK79	Standard		3.679																		
STD OXK79	Standard		3.597																		
STD OXK79	Standard		3.718																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.49	0.054	25.0	927	0.28	263	1.223	7.73	0.100	0.36	1.0	151.5	50	2.6	12.4	21.9	1.3	1	60	13.6
STD OREAS45C	Standard	0.48	0.051	26.0	1007	0.25	278	1.181	7.42	0.097	0.34	1.1	162.5	49	2.5	12.0	22.0	1.3	1	59	14.5
STD OREAS45C	Standard	0.51	0.052	23.8	972	0.24	276	1.134	7.09	0.100	0.37	0.7	165.4	52	2.8	12.4	21.7	1.4	<1	64	17.0
STD OREAS45C	Standard	0.47	0.047	24.9	857	0.26	265	1.168	7.19	0.101	0.33	1.1	158.2	50	2.8	12.7	21.2	1.3	<1	61	15.2
STD OREAS45C	Standard	0.46	0.051	24.7	848	0.26	274	1.120	6.97	0.100	0.34	0.9	156.6	48	2.8	12.8	20.8	1.3	1	61	15.6
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
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Acme Analytical Laboratories (Vancouver) Ltd.

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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 20, 2011

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000733.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	24.2	4.0
STD OREAS45C	Standard	<0.1	23.5	4.0
STD OREAS45C	Standard	<0.1	22.5	4.2
STD OREAS45C	Standard	<0.1	22.5	4.3
STD OREAS45C	Standard	<0.1	23.4	4.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000733.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
Prep Wash																					
G1	Prep Blank		<0.005	1.3	3.2	17.2	58	<0.1	4.6	4.4	747	2.09	1	2.6	<0.1	7.8	756	0.1	<0.1	0.4	44
G1	Prep Blank		<0.005	1.4	5.5	19.9	60	<0.1	3.1	5.1	886	2.40	2	2.3	<0.1	7.8	861	<0.1	<0.1	0.3	48



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Project: Poplar Drilling

Report Date: December 20, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000733.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.24	0.075	22.2	9	0.53	1063	0.212	7.19	2.541	2.85	<0.1	11.1	49	1.4	12.7	22.3	1.1	2	5	34.0
G1	Prep Blank	2.55	0.087	23.8	10	0.61	1202	0.259	8.89	2.727	3.17	<0.1	13.2	57	1.9	15.3	28.2	1.4	3	6	38.1



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000733.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	118.1	0.6
G1	Prep Blank	<0.1	134.3	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: December 31, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000754.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_25_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	117	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047637	Drill Core	4.93	0.028	11.0	1745	14.4	91	1.0	6.3	10.2	784	3.22	136	1.2	<0.1	5.8	300	0.3	22.3	0.1
1047638	Drill Core	5.96	0.061	57.1	2488	45.3	76	1.5	6.2	11.4	776	2.82	98	1.2	<0.1	5.7	361	0.4	24.2	0.2
1047639	Drill Core	3.58	0.062	34.2	2581	22.9	65	0.7	6.5	8.5	434	2.14	361	1.1	<0.1	6.4	412	0.3	41.9	0.2
1047640	Drill Core	3.58	0.058	17.5	2650	20.6	63	1.0	7.0	8.6	385	2.27	345	1.1	<0.1	6.4	387	0.3	45.7	0.1
1047641	Drill Core	6.76	0.101	30.6	2999	11.6	46	0.9	7.2	8.4	408	2.45	206	1.1	<0.1	6.2	377	0.2	16.3	0.1
1047642	Drill Core	7.32	0.075	18.8	2714	27.8	97	1.3	6.7	7.7	452	2.07	390	1.1	0.2	4.9	417	0.4	46.3	0.2
1047643	Drill Core	6.86	0.066	8.8	2726	81.4	207	1.2	7.3	9.0	555	2.16	502	1.2	<0.1	5.5	382	1.3	33.5	0.2
1047644	Drill Core	6.56	0.050	12.1	2019	289.9	392	1.6	5.8	7.6	660	2.30	465	1.0	<0.1	4.7	406	2.6	24.5	0.2
1047645	Drill Core	7.35	0.035	14.5	1864	13.5	92	0.9	8.4	11.0	842	3.13	139	1.1	<0.1	4.8	477	0.2	62.1	0.2
1047646	Drill Core	6.99	0.017	3.4	678.2	13.3	73	0.4	8.6	11.1	624	3.73	51	1.5	<0.1	4.9	1088	0.2	17.9	0.2
1047647	Drill Core	7.27	0.034	3.3	1099	244.3	910	3.6	8.2	10.8	5006	3.64	184	1.6	<0.1	4.9	308	5.2	56.4	0.4
1047648	Drill Core	7.09	0.021	5.8	1015	29.6	126	1.0	7.5	10.4	1065	3.73	124	1.7	<0.1	5.1	345	0.7	28.6	0.2
1047649	Drill Core	3.20	0.021	8.9	868.0	41.0	129	0.7	7.4	11.6	1174	3.08	74	1.4	<0.1	4.8	309	0.6	12.4	0.2
1047650	Drill Core	6.76	0.105	6.5	1192	450.9	1656	12.7	7.5	9.0	>10000	4.49	227	1.7	<0.1	4.7	287	10.5	93.5	1.2
1047651	Drill Core	7.13	0.054	2.5	755.0	84.0	251	1.8	7.8	11.2	2800	3.80	100	1.5	<0.1	4.2	324	1.2	13.7	0.8
1047652	Rock	0.45	0.057	0.2	2.8	1.8	16	<0.1	1.8	0.8	265	0.50	<1	0.4	<0.1	<0.1	43	0.2	0.1	<0.1
1047653	Drill Core	7.28	0.035	6.1	1666	21.6	92	0.8	8.2	11.9	678	3.26	190	1.5	<0.1	5.1	575	0.3	34.4	0.2
1047654	Drill Core	7.08	0.019	5.1	879.5	17.8	77	0.8	6.1	8.1	635	3.17	46	1.5	<0.1	4.7	434	0.2	10.8	0.2
1047655	Drill Core	7.05	0.016	13.0	844.5	24.4	134	0.8	6.6	8.2	653	3.18	141	1.6	<0.1	5.0	718	0.5	139.5	0.2
1047656	Drill Core	6.87	0.017	12.1	967.0	10.6	88	0.5	8.4	10.0	670	3.24	108	1.5	<0.1	4.9	400	0.5	95.8	0.1
1047657	Drill Core	6.52	0.031	11.3	692.1	10.9	62	0.3	6.8	8.7	501	3.41	20	1.1	<0.1	3.9	413	0.2	3.8	0.1
1047658	Drill Core	2.77	0.025	25.3	1033	17.4	187	1.2	7.5	8.3	1185	2.97	190	1.4	<0.1	4.4	684	0.7	153.6	0.1
1047659	Drill Core	3.81	0.017	2.4	182.3	24.5	141	0.6	19.1	15.3	1739	4.51	49	2.0	<0.1	3.0	932	0.4	49.8	<0.1
1047660	Drill Core	8.92	0.011	7.6	674.6	11.0	88	0.4	7.4	7.9	603	3.37	61	1.5	<0.1	4.2	1074	0.4	29.7	<0.1
1047661	Drill Core	6.92	0.023	17.0	1082	83.9	197	1.8	6.9	9.1	1638	3.48	185	1.3	<0.1	3.9	213	1.0	49.4	0.2
1047662	Drill Core	6.62	0.025	48.8	2034	421.4	1772	65.8	6.6	8.6	2033	3.92	191	1.3	<0.1	4.4	363	11.5	144.3	1.5
1047663	Drill Core	4.69	0.012	3.7	771.5	10.5	89	0.5	7.3	8.2	482	3.08	83	1.2	<0.1	4.8	489	0.3	37.4	0.1
1047664	Drill Core	4.05	0.025	39.9	1413	13.5	99	0.4	10.0	10.3	347	2.19	126	0.9	<0.1	4.6	360	0.4	34.8	0.1
1047665	Drill Core	6.69	0.008	17.8	599.9	13.8	79	0.3	8.0	9.2	412	3.23	3	1.1	<0.1	4.4	247	0.2	0.9	0.1
1047666	Drill Core	3.98	0.012	16.0	928.5	16.3	86	0.3	8.4	10.9	362	3.26	7	1.3	0.1	4.6	4109	0.4	0.9	0.1



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047637	Drill Core	1.94	0.118	14.3	10	0.75	703	0.132	8.22	0.642	3.17	0.2	14.0	31	0.6	9.8	3.9	0.2	1	6
1047638	Drill Core	1.86	0.102	18.9	7	0.70	1078	0.147	7.41	0.149	3.04	0.2	15.1	40	0.9	8.3	3.7	0.3	1	6
1047639	Drill Core	1.38	0.098	24.3	10	0.49	1348	0.155	7.40	0.627	3.27	0.3	15.0	51	0.9	8.1	4.8	0.3	<1	6
1047640	Drill Core	1.35	0.098	25.8	10	0.48	699	0.152	7.34	0.632	3.63	0.2	14.5	54	1.0	8.6	4.3	0.3	1	6
1047641	Drill Core	1.62	0.109	20.3	10	0.65	775	0.157	7.30	0.756	3.43	0.2	18.1	42	0.8	8.4	4.3	0.3	2	6
1047642	Drill Core	1.62	0.097	14.5	9	0.58	1027	0.162	7.05	0.546	2.70	0.2	17.0	34	0.8	6.9	4.3	0.3	1	5
1047643	Drill Core	1.86	0.106	19.1	9	0.66	1206	0.157	7.44	0.278	2.76	0.2	15.5	42	0.9	8.2	4.7	0.3	1	6
1047644	Drill Core	1.65	0.096	15.0	9	0.66	1125	0.154	6.94	0.322	2.18	0.2	14.9	33	0.8	6.9	4.0	0.2	1	6
1047645	Drill Core	1.96	0.117	16.9	10	0.75	599	0.182	7.46	0.091	2.63	0.5	19.6	38	0.7	8.3	4.4	0.3	2	6
1047646	Drill Core	2.26	0.130	14.8	13	0.91	441	0.242	7.76	1.216	2.67	0.4	35.2	32	1.0	9.4	6.3	0.4	2	7
1047647	Drill Core	2.04	0.131	15.8	10	0.83	936	0.246	7.36	0.275	2.73	1.8	31.9	34	1.0	8.8	6.3	0.4	1	7
1047648	Drill Core	2.07	0.124	18.0	9	0.89	632	0.228	7.50	0.108	2.69	0.4	30.2	38	0.9	9.0	5.3	0.3	1	7
1047649	Drill Core	2.36	0.130	15.0	8	0.89	1211	0.242	7.56	0.289	2.81	0.4	28.7	33	0.5	8.6	6.0	0.3	1	6
1047650	Drill Core	1.18	0.114	17.7	10	0.66	491	0.215	6.79	0.063	2.38	3.9	31.2	36	0.8	9.4	4.9	0.3	2	6
1047651	Drill Core	2.28	0.127	13.9	10	0.89	1077	0.246	7.15	0.234	2.19	1.4	37.7	31	0.9	8.3	5.9	0.4	1	7
1047652	Rock	19.97	0.015	0.6	<1	12.75	22	0.003	0.07	0.003	0.03	<0.1	3.8	1	0.1	0.8	0.2	<0.1	<1	<1
1047653	Drill Core	2.29	0.136	15.6	10	0.90	1026	0.242	7.42	1.230	3.02	0.3	34.7	35	0.9	9.1	6.0	0.4	<1	6
1047654	Drill Core	1.93	0.122	14.5	9	0.81	1197	0.214	6.80	1.131	2.49	0.3	35.0	30	0.7	8.7	5.2	0.3	1	6
1047655	Drill Core	1.33	0.121	17.5	11	0.67	404	0.205	7.06	0.144	2.22	0.5	30.8	37	0.9	7.7	4.9	0.3	2	6
1047656	Drill Core	1.60	0.129	15.6	9	0.75	1382	0.253	7.52	0.579	2.44	0.6	35.5	33	0.7	8.5	6.4	0.3	2	7
1047657	Drill Core	2.35	0.128	11.2	11	0.87	1224	0.243	6.97	1.342	2.18	0.3	31.6	26	0.8	9.1	6.0	0.4	1	6
1047658	Drill Core	1.98	0.168	22.8	11	0.73	1048	0.261	6.88	0.153	1.97	0.9	30.0	53	0.8	9.8	6.5	0.4	2	6
1047659	Drill Core	3.13	0.200	17.4	26	1.46	879	0.504	7.38	0.206	2.36	0.7	96.7	40	0.8	12.1	9.4	0.5	1	10
1047660	Drill Core	2.14	0.132	12.0	10	0.81	1381	0.247	7.07	1.099	2.48	0.4	38.8	28	0.6	8.7	5.9	0.4	2	6
1047661	Drill Core	2.31	0.125	12.0	10	0.91	744	0.239	6.87	0.811	2.19	0.6	31.3	29	0.9	7.8	6.3	0.4	1	6
1047662	Drill Core	2.10	0.120	14.8	10	0.83	1045	0.231	7.03	0.947	2.09	0.6	33.1	33	1.0	8.3	5.7	0.4	1	6
1047663	Drill Core	2.29	0.130	14.4	9	0.82	1082	0.255	7.27	1.595	2.36	0.3	32.0	33	0.8	9.0	6.7	0.4	1	6
1047664	Drill Core	2.64	0.122	18.2	11	0.76	1260	0.246	6.92	1.537	2.45	0.2	27.5	41	0.6	9.3	6.0	0.3	<1	6
1047665	Drill Core	2.41	0.131	13.6	10	0.90	1124	0.250	7.39	1.077	1.96	0.3	31.1	30	0.6	10.1	6.3	0.4	<1	6
1047666	Drill Core	2.31	0.133	14.6	14	0.93	1497	0.285	7.54	2.788	2.55	0.2	34.1	32	0.7	10.6	6.9	0.4	1	7



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047637	Drill Core	0.6	63.0	0.5
1047638	Drill Core	0.9	64.0	0.7
1047639	Drill Core	0.7	62.4	0.6
1047640	Drill Core	0.8	72.2	0.6
1047641	Drill Core	0.7	75.4	0.7
1047642	Drill Core	0.7	53.8	0.7
1047643	Drill Core	0.8	52.9	0.6
1047644	Drill Core	0.9	42.1	0.6
1047645	Drill Core	1.0	58.1	0.8
1047646	Drill Core	1.4	66.0	1.1
1047647	Drill Core	1.4	84.5	1.0
1047648	Drill Core	1.6	69.4	1.0
1047649	Drill Core	1.1	64.8	0.9
1047650	Drill Core	1.5	96.1	1.0
1047651	Drill Core	1.3	55.2	1.1
1047652	Rock	<0.1	0.8	<0.1
1047653	Drill Core	1.1	64.5	1.2
1047654	Drill Core	0.9	55.7	1.0
1047655	Drill Core	1.0	54.2	1.0
1047656	Drill Core	0.8	54.5	1.2
1047657	Drill Core	0.6	39.0	1.0
1047658	Drill Core	0.6	40.5	1.0
1047659	Drill Core	0.4	62.8	2.5
1047660	Drill Core	0.5	42.5	1.3
1047661	Drill Core	1.5	57.1	1.0
1047662	Drill Core	1.5	44.7	1.1
1047663	Drill Core	0.6	47.6	1.1
1047664	Drill Core	0.5	41.9	0.9
1047665	Drill Core	0.4	37.4	1.0
1047666	Drill Core	0.7	47.8	1.1



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Poplar Drilling

Report Date:

December 31, 2011

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047667	Rock Pulp	0.13	0.410	140.5	3781	30.6	71	2.9	43.1	21.5	449	4.63	42	1.3	0.3	2.3	219	0.4	4.4	0.4
1047668	Drill Core	6.96	0.015	69.0	1229	11.0	115	0.6	7.3	8.7	466	2.58	149	1.1	<0.1	4.5	351	0.3	72.6	0.1
1047669	Drill Core	6.95	0.008	19.0	554.8	16.9	125	0.8	7.4	7.8	1212	3.02	74	1.7	<0.1	4.3	424	0.6	73.5	0.2
1047670	Drill Core	6.55	0.006	13.9	384.4	20.3	131	0.6	7.4	7.8	1146	3.44	67	1.7	<0.1	5.4	776	0.4	52.2	0.2
1047671	Drill Core	6.55	0.018	25.9	761.6	188.4	401	3.8	7.2	10.2	2686	3.02	157	2.1	<0.1	5.8	349	2.8	78.2	0.3
1047672	Drill Core	6.29	0.024	21.2	673.3	65.8	209	2.5	7.1	8.7	3453	3.42	139	1.8	<0.1	5.4	281	1.3	59.7	0.2
1047673	Drill Core	6.79	0.029	23.6	1721	123.5	467	3.5	8.6	10.9	2508	2.34	235	1.6	<0.1	5.6	316	2.8	60.1	0.1
1047674	Drill Core	6.40	0.031	16.3	2038	34.7	148	1.6	8.7	12.6	1565	2.52	170	1.7	<0.1	5.4	256	0.7	44.1	0.1
1047675	Drill Core	7.28	0.031	26.5	2053	188.9	576	6.1	13.1	9.1	2597	2.24	494	1.5	<0.1	5.6	357	4.3	149.9	0.1
1047676	Drill Core	7.15	0.032	205.8	2117	78.3	249	2.8	18.1	9.8	1529	2.46	504	1.2	<0.1	5.7	425	0.9	162.2	0.2
1047677	Drill Core	6.99	0.015	276.8	1396	69.0	226	1.9	16.7	8.1	1425	2.65	354	1.2	<0.1	5.2	375	1.2	180.4	0.2
1047678	Drill Core	7.30	0.018	178.0	1334	9.8	43	0.5	94.2	17.6	209	2.69	45	1.2	<0.1	4.9	278	<0.1	30.4	0.1
1047679	Drill Core	3.26	0.030	27.1	1893	11.6	42	1.1	111.7	37.2	537	4.31	21	0.8	<0.1	4.0	148	0.2	8.6	0.2
1047680	Drill Core	3.58	0.041	36.5	2344	13.0	45	1.2	128.0	37.3	688	5.10	20	0.8	<0.1	4.3	143	0.2	7.3	0.2
1047681	Drill Core	6.58	0.034	92.5	2188	10.2	98	0.9	73.2	19.6	221	2.72	127	0.9	<0.1	4.3	289	0.3	79.6	0.1
1047682	Drill Core	7.28	0.037	93.0	2791	10.5	44	0.7	155.1	37.3	287	4.97	45	1.8	0.1	4.1	698	<0.1	5.6	0.1
1047683	Drill Core	7.71	0.047	327.1	2545	12.8	67	1.4	148.9	31.2	252	3.52	145	1.2	<0.1	4.8	352	0.2	40.7	0.1
1047684	Drill Core	7.25	0.035	128.3	2045	9.8	45	0.5	118.4	23.0	241	4.00	100	1.2	<0.1	4.3	331	0.1	25.7	<0.1
1047685	Drill Core	7.65	0.010	69.2	645.3	6.0	29	0.2	118.5	23.8	374	4.83	5	1.0	<0.1	4.3	283	<0.1	1.1	<0.1
1047686	Drill Core	7.46	0.022	43.3	1297	6.4	39	0.4	140.6	26.0	376	4.80	27	1.4	<0.1	4.2	320	<0.1	2.6	<0.1
1047687	Drill Core	6.94	0.041	95.5	1972	8.2	45	0.8	126.2	25.8	406	3.92	80	1.2	<0.1	4.0	494	<0.1	3.7	<0.1
1047688	Drill Core	7.03	0.080	105.5	4390	22.3	95	1.7	141.4	26.7	411	4.24	13	2.0	<0.1	4.1	238	0.4	4.3	<0.1
1047689	Drill Core	6.96	0.054	73.2	2423	34.2	66	1.4	124.5	19.1	291	3.72	43	0.8	<0.1	4.2	238	0.3	20.6	0.1
1047690	Drill Core	7.11	0.020	38.9	1058	9.0	31	0.3	93.3	16.6	227	3.11	22	1.0	<0.1	4.4	343	0.1	2.8	0.1
1047691	Drill Core	3.83	0.011	126.8	558.3	10.3	30	0.2	63.1	6.9	300	1.81	50	0.8	<0.1	4.3	480	0.2	18.8	<0.1
1047692	Drill Core	4.58	0.030	299.3	1633	17.2	72	1.0	124.4	25.3	455	3.94	123	1.6	<0.1	4.3	305	<0.1	24.1	<0.1
1047693	Drill Core	5.58	0.078	263.4	2933	10.7	80	3.8	65.2	14.3	406	3.29	212	1.2	<0.1	4.9	279	0.1	64.0	0.1
1047694	Drill Core	3.98	0.020	58.2	1453	7.1	44	0.8	90.0	17.5	394	3.02	49	1.7	<0.1	4.5	322	0.2	17.7	<0.1
1047695	Rock	0.44	<0.005	0.9	12.4	0.8	13	<0.1	2.1	0.5	206	0.46	<1	0.6	<0.1	<0.1	36	<0.1	<0.1	<0.1
1047696	Drill Core	6.71	0.024	43.7	1206	7.2	43	0.5	142.3	23.0	381	3.68	16	1.4	<0.1	4.3	261	0.2	6.4	0.1



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047667	Rock Pulp	0.35	0.106	12.3	68	1.03	488	0.304	6.51	1.454	2.24	14.0	28.9	25	2.4	10.1	3.1	0.2	1	15
1047668	Drill Core	2.06	0.121	15.4	9	0.76	1179	0.240	7.18	0.853	2.20	0.2	28.5	35	0.9	8.0	5.6	0.4	1	6
1047669	Drill Core	2.34	0.119	14.9	9	0.82	1108	0.241	7.15	0.083	2.14	0.7	37.0	33	0.9	7.7	6.2	0.4	2	6
1047670	Drill Core	2.20	0.122	21.0	9	0.87	1304	0.227	7.71	0.740	2.66	0.6	35.7	41	0.8	9.2	5.8	0.4	2	6
1047671	Drill Core	1.80	0.125	22.7	8	0.77	999	0.243	7.23	0.373	2.31	3.4	36.5	47	0.7	8.9	5.9	0.3	2	7
1047672	Drill Core	2.22	0.121	20.8	7	0.89	725	0.217	7.38	0.280	2.49	0.6	34.5	42	1.2	9.3	5.2	0.3	1	6
1047673	Drill Core	1.84	0.100	19.7	8	0.69	978	0.150	7.31	0.668	2.36	1.0	22.4	40	0.9	7.6	3.2	0.2	2	6
1047674	Drill Core	2.19	0.107	18.8	9	0.79	709	0.155	7.66	0.681	2.27	0.5	24.2	39	0.6	8.8	3.3	0.2	2	6
1047675	Drill Core	1.98	0.085	21.7	9	0.79	980	0.138	7.55	0.240	2.49	0.8	20.2	44	1.0	7.5	3.1	0.2	1	6
1047676	Drill Core	2.26	0.089	34.4	24	0.93	772	0.174	6.83	0.077	2.41	0.6	19.9	65	0.9	8.5	3.1	0.2	2	8
1047677	Drill Core	2.07	0.072	39.7	22	0.93	450	0.100	6.81	0.081	2.64	0.3	13.6	73	1.4	7.3	2.2	0.1	1	7
1047678	Drill Core	0.46	0.029	26.9	134	0.38	710	0.183	8.39	0.281	2.79	0.4	5.2	57	1.0	5.7	2.2	0.1	2	16
1047679	Drill Core	0.38	0.025	16.8	148	0.40	75	0.111	6.87	0.291	2.26	0.4	6.8	38	1.1	5.0	1.5	<0.1	1	14
1047680	Drill Core	0.47	0.025	17.9	139	0.48	72	0.104	7.20	0.289	2.31	0.3	6.8	41	1.2	5.1	1.5	<0.1	2	16
1047681	Drill Core	0.54	0.029	19.2	168	0.40	329	0.123	7.53	0.790	2.31	0.3	10.5	40	1.1	5.2	1.7	0.1	2	12
1047682	Drill Core	0.63	0.076	20.3	121	0.78	85	0.117	7.66	1.006	2.28	0.2	24.8	42	1.2	9.2	1.4	<0.1	2	18
1047683	Drill Core	0.67	0.047	34.3	125	0.60	113	0.094	7.41	0.944	2.28	0.3	12.0	70	1.3	7.3	1.2	<0.1	1	16
1047684	Drill Core	0.64	0.045	25.3	146	0.66	222	0.132	7.49	0.685	2.13	0.5	14.6	51	1.0	6.9	1.6	0.1	2	16
1047685	Drill Core	0.48	0.104	18.7	131	0.76	290	0.188	8.32	0.621	1.66	0.3	12.5	38	0.6	8.2	2.5	0.2	1	17
1047686	Drill Core	0.59	0.052	18.8	123	0.88	185	0.129	7.88	0.557	1.65	0.3	23.3	41	0.6	6.8	1.5	<0.1	2	17
1047687	Drill Core	0.62	0.048	24.3	116	0.63	119	0.130	7.08	0.426	2.15	0.3	18.9	51	0.7	7.4	1.6	<0.1	1	15
1047688	Drill Core	0.62	0.035	22.8	121	0.72	229	0.105	8.04	0.522	2.22	0.3	32.9	48	0.8	6.9	1.4	<0.1	2	20
1047689	Drill Core	0.56	0.054	26.1	144	0.68	323	0.169	7.31	0.530	2.16	0.3	5.2	53	0.9	6.9	1.9	<0.1	1	17
1047690	Drill Core	0.62	0.044	18.6	107	0.49	995	0.157	8.44	0.541	1.95	0.4	6.5	39	0.8	5.5	1.7	0.1	2	17
1047691	Drill Core	0.99	0.042	20.3	95	0.54	1056	0.102	9.25	0.282	2.47	0.2	13.8	41	0.5	4.6	1.2	<0.1	<1	15
1047692	Drill Core	1.37	0.081	33.9	138	0.68	88	0.159	9.10	0.573	2.45	0.3	17.7	71	0.9	9.8	2.0	0.1	2	19
1047693	Drill Core	1.75	0.082	33.6	71	0.83	156	0.104	7.36	0.896	2.48	0.2	12.9	65	1.0	8.6	1.5	<0.1	1	11
1047694	Drill Core	1.27	0.047	20.5	150	0.71	1059	0.131	7.92	0.342	2.49	0.3	27.7	40	0.5	6.6	1.6	<0.1	<1	13
1047695	Rock	19.86	0.015	1.0	<1	10.81	14	0.003	0.07	0.004	0.02	<0.1	0.7	1	<0.1	0.7	<0.1	<0.1	<1	<1
1047696	Drill Core	1.32	0.115	23.5	190	0.74	1118	0.174	8.31	0.268	2.41	0.4	16.0	47	0.4	11.1	1.9	0.1	2	19



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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047667	Rock Pulp	2.2	48.3	0.8
1047668	Drill Core	0.8	37.6	0.9
1047669	Drill Core	0.7	48.8	1.3
1047670	Drill Core	0.5	85.9	1.2
1047671	Drill Core	0.9	86.0	1.1
1047672	Drill Core	1.0	99.4	1.2
1047673	Drill Core	0.9	83.5	0.7
1047674	Drill Core	1.1	73.7	1.0
1047675	Drill Core	1.0	93.2	0.9
1047676	Drill Core	1.1	99.7	0.6
1047677	Drill Core	1.5	98.7	0.5
1047678	Drill Core	1.4	76.2	<0.1
1047679	Drill Core	2.6	69.5	0.2
1047680	Drill Core	2.8	72.6	0.2
1047681	Drill Core	1.7	58.7	0.3
1047682	Drill Core	2.6	64.1	0.8
1047683	Drill Core	2.3	67.4	0.3
1047684	Drill Core	1.6	65.5	0.3
1047685	Drill Core	1.2	49.2	0.3
1047686	Drill Core	1.3	49.4	0.7
1047687	Drill Core	1.8	69.9	0.5
1047688	Drill Core	1.6	60.8	0.9
1047689	Drill Core	1.4	59.2	0.1
1047690	Drill Core	1.0	52.4	0.2
1047691	Drill Core	0.7	67.7	0.4
1047692	Drill Core	2.1	80.6	0.5
1047693	Drill Core	1.7	77.9	0.4
1047694	Drill Core	0.9	87.5	0.8
1047695	Rock	<0.1	1.1	<0.1
1047696	Drill Core	0.8	74.7	0.4



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
1047697	Drill Core	7.01	0.026	45.6	1305	6.7	34	0.4	152.9	31.7	356	3.67	18	1.9	<0.1	4.6	310	<0.1	6.0	<0.1	146
1047698	Drill Core	7.59	0.023	25.0	1289	6.6	45	0.5	157.9	31.4	419	4.04	47	3.0	<0.1	4.5	267	0.2	19.0	0.1	163
1047699	Drill Core	7.13	0.023	137.4	1286	6.3	21	0.3	115.6	15.5	160	1.90	7	1.6	<0.1	4.6	263	<0.1	1.6	<0.1	175
1047700	Drill Core	6.74	0.046	89.0	1901	5.7	25	0.5	108.9	18.3	228	2.80	<1	1.2	<0.1	3.8	156	<0.1	0.2	<0.1	139
1047701	Drill Core	7.14	0.031	78.8	1401	4.4	27	0.3	144.1	25.0	370	3.87	1	3.4	<0.1	4.5	382	<0.1	<0.1	<0.1	146
1047702	Drill Core	7.35	0.026	70.0	1261	4.3	29	0.3	75.6	14.0	393	3.10	<1	0.8	<0.1	4.1	817	<0.1	<0.1	<0.1	94
1047703	Drill Core	6.52	0.025	33.1	1616	3.5	49	0.4	101.0	19.5	500	4.10	<1	0.5	<0.1	3.2	489	0.1	<0.1	<0.1	102
1047704	Drill Core	3.56	0.022	12.6	1371	4.8	24	0.5	133.6	44.5	298	3.48	6	5.4	<0.1	4.3	248	<0.1	0.7	0.2	152
1047705	Drill Core	3.32	0.024	21.2	1140	8.8	31	0.5	145.9	44.2	390	3.40	7	5.9	<0.1	5.5	354	0.2	1.0	0.5	144
1047706	Drill Core	4.75	0.046	49.7	2178	5.2	29	0.5	130.9	27.4	211	3.43	20	1.0	<0.1	4.4	211	<0.1	8.5	0.2	160
1047707	Drill Core	3.79	0.058	8.6	3083	9.5	50	0.9	85.6	26.2	332	2.76	33	1.3	<0.1	5.2	242	0.2	18.5	0.2	104
1047708	Drill Core	4.60	0.043	4.9	2283	15.1	58	0.6	77.4	23.3	525	3.51	68	1.0	<0.1	6.9	465	0.2	13.9	0.1	71
1047709	Drill Core	7.59	0.016	43.8	1072	31.4	263	0.4	73.8	21.2	353	3.04	9	0.6	<0.1	3.8	224	1.5	2.4	<0.1	103
1047710	Drill Core	6.29	0.036	16.2	1657	75.5	190	1.2	67.8	17.6	407	2.11	178	0.5	<0.1	2.9	248	0.8	25.8	<0.1	89
1047711	Drill Core	1.99	0.009	131.6	243.1	26.5	173	0.3	29.4	12.5	1243	3.39	51	2.0	<0.1	4.9	558	0.4	12.6	<0.1	101
1047712	Drill Core	7.42	0.039	13.5	2610	69.2	214	1.6	115.5	32.6	471	3.79	131	0.5	<0.1	2.5	147	1.0	15.6	0.1	107
1047713	Rock Pulp	0.14	1.034	387.1	3408	27.9	64	1.9	35.7	10.4	601	3.80	12	1.0	1.1	2.4	236	0.2	5.2	0.6	86
1047714	Drill Core	4.38	0.016	55.8	1032	8.4	29	0.3	133.2	29.6	285	3.51	6	0.9	<0.1	4.5	319	<0.1	1.7	<0.1	161
1047715	Drill Core	4.94	0.019	134.3	855.7	6.2	27	0.2	111.3	19.5	283	2.89	2	0.6	<0.1	3.9	269	<0.1	1.1	<0.1	141
1047716	Drill Core	7.02	0.019	184.6	1221	9.7	38	0.4	143.4	30.8	386	6.36	4	1.1	<0.1	4.3	224	<0.1	1.6	0.1	172
1047717	Drill Core	6.02	0.014	66.3	834.5	5.8	45	0.2	150.3	29.1	525	7.16	4	1.0	<0.1	4.5	149	<0.1	0.7	<0.1	176
1047718	Drill Core	4.80	0.006	1.8	73.5	24.2	82	0.3	8.6	6.4	610	2.05	6	3.3	<0.1	9.1	353	0.3	2.8	0.2	54
1047719	Drill Core	3.69	0.009	1.7	133.4	25.8	108	0.4	7.8	6.9	694	2.03	8	3.7	<0.1	8.6	332	0.3	3.2	0.2	51
1047720	Drill Core	7.12	0.027	9.9	879.1	33.9	137	0.9	7.3	10.8	554	3.92	11	2.4	<0.1	5.6	366	0.4	2.2	0.7	61
1047721	Drill Core	5.54	0.024	10.6	744.2	55.7	250	0.4	5.4	9.7	498	3.24	4	1.4	<0.1	5.2	346	1.1	0.9	0.3	60
1047722	Drill Core	5.08	0.026	12.8	858.3	43.2	148	0.4	4.9	8.6	584	3.57	4	1.3	<0.1	6.0	396	0.3	0.9	0.2	56
1047723	Rock Pulp	0.14	0.007	657.7	134.1	16.9	90	0.2	17.6	6.6	649	2.79	3	3.9	<0.1	7.2	299	<0.1	0.7	0.7	43
1047724	Drill Core	6.10	0.023	5.4	776.9	61.6	162	0.7	5.1	8.1	674	3.12	4	1.5	<0.1	4.7	578	0.8	1.1	0.2	58
1047725	Drill Core	6.27	0.036	12.6	1187	226.5	675	2.7	5.6	11.7	1152	3.47	10	2.0	<0.1	4.5	535	3.6	2.2	0.3	57
1047726	Drill Core	4.48	0.041	11.1	1660	293.0	832	2.4	8.1	15.2	1240	4.54	28	2.4	<0.1	4.4	451	4.8	3.9	0.5	49



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047697	Drill Core	0.81	0.098	20.4	136	0.70	965	0.230	7.93	0.336	1.91	0.3	26.2	44	0.5	10.4	2.6	0.1	2	15
1047698	Drill Core	0.59	0.082	19.8	129	0.58	976	0.245	7.42	0.371	1.79	0.5	44.6	43	0.6	9.7	3.0	0.2	2	18
1047699	Drill Core	0.43	0.029	20.0	93	0.39	1103	0.163	7.54	0.926	1.73	0.3	19.3	42	0.5	5.5	1.9	0.1	2	14
1047700	Drill Core	0.55	0.052	18.6	141	0.65	330	0.144	6.91	0.904	1.82	0.2	14.2	37	0.6	6.2	1.6	0.1	2	15
1047701	Drill Core	0.60	0.067	19.7	164	0.85	387	0.248	7.27	1.151	1.61	0.3	46.4	40	0.5	9.2	2.3	0.1	1	16
1047702	Drill Core	1.22	0.043	23.6	145	0.87	742	0.192	7.60	1.308	1.26	0.3	9.9	51	0.5	8.3	2.0	0.1	2	11
1047703	Drill Core	0.88	0.011	13.1	179	1.51	236	0.151	5.80	0.639	0.85	0.2	6.9	27	0.8	4.6	2.2	<0.1	<1	13
1047704	Drill Core	0.80	0.029	17.8	109	0.74	199	0.170	7.68	0.459	2.35	0.4	46.0	37	0.7	6.6	1.9	0.1	1	17
1047705	Drill Core	1.23	0.038	18.1	111	0.73	163	0.191	8.98	0.724	2.39	0.7	44.1	38	1.1	8.5	3.9	0.2	2	18
1047706	Drill Core	0.88	0.021	21.3	141	0.57	161	0.171	10.17	0.371	2.11	0.4	8.8	44	1.1	6.7	1.7	0.1	2	24
1047707	Drill Core	1.81	0.041	35.3	183	0.79	206	0.112	6.44	0.176	1.73	0.2	21.6	74	0.9	10.4	1.3	<0.1	2	13
1047708	Drill Core	4.09	0.073	22.1	54	1.61	324	0.064	7.93	0.344	1.92	0.1	9.6	45	0.8	9.2	0.8	<0.1	1	10
1047709	Drill Core	1.20	0.017	13.2	182	0.97	154	0.101	8.15	0.343	1.41	0.2	5.2	31	0.5	6.4	1.0	<0.1	2	18
1047710	Drill Core	1.02	0.018	11.8	153	0.47	144	0.081	7.59	0.299	1.80	0.2	7.2	26	0.6	5.2	0.8	<0.1	1	12
1047711	Drill Core	4.14	0.128	17.0	21	1.68	364	0.442	7.86	0.857	2.26	0.5	94.7	38	0.8	10.7	7.2	0.4	<1	8
1047712	Drill Core	1.15	0.009	9.2	170	0.79	192	0.110	5.85	0.180	1.56	0.2	6.9	19	0.7	4.8	1.1	<0.1	2	13
1047713	Rock Pulp	1.66	0.057	9.1	48	0.86	538	0.328	5.54	2.174	0.94	1.7	39.0	19	2.6	15.0	3.8	0.2	<1	10
1047714	Drill Core	1.71	0.033	15.5	136	0.78	78	0.096	9.34	0.239	1.89	0.3	10.7	33	0.7	6.0	1.2	<0.1	2	18
1047715	Drill Core	1.86	0.032	18.5	185	0.93	191	0.085	9.25	0.376	1.78	0.4	6.1	38	0.8	5.3	0.9	<0.1	1	18
1047716	Drill Core	0.93	0.165	19.0	158	0.99	72	0.288	10.19	0.380	2.08	0.6	5.8	44	1.3	13.7	2.7	0.2	2	22
1047717	Drill Core	0.87	0.197	21.1	200	1.08	84	0.295	9.42	0.500	1.93	0.4	5.2	48	1.1	15.5	2.7	0.2	1	24
1047718	Drill Core	2.62	0.089	15.7	11	0.74	920	0.277	7.04	0.851	2.44	0.8	84.1	32	0.7	8.9	9.5	0.8	1	4
1047719	Drill Core	3.87	0.088	15.9	10	0.74	1065	0.262	7.06	0.719	2.42	0.9	80.6	33	0.7	9.4	9.0	0.7	1	5
1047720	Drill Core	2.55	0.115	12.5	8	0.86	72	0.145	8.16	1.461	2.06	0.3	29.0	29	1.6	9.4	3.2	0.2	1	6
1047721	Drill Core	2.28	0.112	10.5	10	0.81	86	0.147	7.10	1.936	2.19	0.1	12.3	24	1.4	8.2	2.7	0.2	1	5
1047722	Drill Core	2.16	0.115	12.1	8	0.79	75	0.127	7.82	1.805	2.23	0.2	15.1	28	1.4	9.6	2.6	0.2	1	6
1047723	Rock Pulp	1.67	0.084	27.7	22	0.58	877	0.286	7.65	2.023	2.90	6.1	21.9	57	7.5	15.0	11.9	0.7	3	6
1047724	Drill Core	2.52	0.113	11.6	10	0.84	135	0.139	8.02	1.415	2.21	0.3	15.9	27	1.3	10.4	2.7	0.2	1	6
1047725	Drill Core	2.47	0.098	10.7	8	0.70	67	0.111	6.90	0.984	2.37	0.3	14.3	24	1.2	8.8	1.9	0.1	1	5
1047726	Drill Core	2.63	0.088	14.6	8	0.73	52	0.085	6.31	0.812	2.10	0.3	14.7	32	1.3	9.9	1.5	<0.1	1	5



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047697	Drill Core	0.8	56.9	0.7
1047698	Drill Core	0.8	48.6	1.1
1047699	Drill Core	0.7	44.8	0.6
1047700	Drill Core	1.2	50.8	0.4
1047701	Drill Core	1.0	44.4	1.1
1047702	Drill Core	0.8	38.4	0.2
1047703	Drill Core	1.1	37.5	0.2
1047704	Drill Core	1.5	71.9	1.2
1047705	Drill Core	1.4	80.2	1.1
1047706	Drill Core	1.7	49.5	0.2
1047707	Drill Core	1.5	50.7	0.6
1047708	Drill Core	1.3	41.0	0.4
1047709	Drill Core	1.4	47.6	0.2
1047710	Drill Core	1.2	57.8	0.2
1047711	Drill Core	0.2	48.1	2.7
1047712	Drill Core	2.0	64.7	0.2
1047713	Rock Pulp	0.4	23.6	1.3
1047714	Drill Core	2.4	52.9	0.3
1047715	Drill Core	1.5	41.5	0.2
1047716	Drill Core	2.5	54.3	0.2
1047717	Drill Core	2.2	56.4	0.2
1047718	Drill Core	0.1	65.1	2.7
1047719	Drill Core	0.1	62.5	2.7
1047720	Drill Core	2.6	50.7	1.0
1047721	Drill Core	2.3	45.7	0.4
1047722	Drill Core	2.3	45.9	0.7
1047723	Rock Pulp	0.3	89.0	1.0
1047724	Drill Core	1.9	46.8	0.6
1047725	Drill Core	3.0	47.5	0.5
1047726	Drill Core	4.3	56.0	0.5



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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047727	Drill Core	3.08	0.076	12.2	1465	69.1	348	1.1	5.8	12.2	1006	3.76	21	3.2	<0.1	4.6	325	1.3	2.6	3.7
1047728	Drill Core	2.81	0.048	18.2	1188	94.6	322	1.3	6.9	13.7	1419	4.19	20	2.9	0.1	5.6	365	1.6	5.5	0.8
1047729	Drill Core	3.98	0.030	6.6	1122	41.4	106	0.3	5.8	11.7	659	3.33	8	4.5	<0.1	4.8	412	0.3	1.3	0.3
1047730	Drill Core	3.71	0.041	20.5	1268	605.4	990	2.3	7.8	12.8	1110	3.75	47	4.2	<0.1	5.6	631	3.2	24.7	0.7
1047731	Drill Core	5.83	<0.005	4.5	84.7	17.9	76	0.2	10.5	8.3	544	2.35	8	2.7	<0.1	6.6	315	0.2	1.4	0.3
1047732	Drill Core	7.09	0.032	6.9	1253	15.9	69	0.3	4.9	13.5	343	3.23	<1	0.9	<0.1	5.0	446	0.3	0.5	0.2
1047733	Drill Core	5.42	0.029	10.4	1193	15.7	63	0.4	4.9	11.6	328	2.87	<1	0.9	<0.1	4.8	445	0.2	0.6	0.3
1047734	Drill Core	6.29	0.028	10.8	1185	22.8	76	0.4	6.7	12.1	360	3.46	1	2.0	<0.1	5.2	353	0.2	0.7	0.4
1047735	Drill Core	5.90	0.037	7.2	1419	24.3	111	0.8	6.1	14.5	646	3.46	5	1.4	<0.1	4.7	643	0.4	1.2	0.6
1047736	Rock	0.60	<0.005	0.1	7.0	1.3	12	<0.1	0.9	0.7	261	0.48	1	0.4	<0.1	<0.1	45	<0.1	<0.1	<0.1
1047737	Drill Core	6.17	0.038	9.7	1450	53.5	278	1.4	6.0	13.4	826	3.51	6	2.1	<0.1	5.0	412	1.6	1.9	0.9
1047738	Drill Core	6.93	0.038	10.3	1389	18.2	85	0.5	5.9	12.2	486	3.33	2	1.3	<0.1	4.8	388	0.3	0.7	0.3
1047739	Drill Core	6.04	0.035	11.4	1501	16.6	65	0.5	6.8	14.0	352	3.87	1	2.0	<0.1	4.6	465	0.2	0.7	0.2
1047740	Drill Core	6.99	0.044	9.2	1415	18.4	139	0.8	5.8	11.6	412	3.93	5	1.3	<0.1	4.3	545	0.6	0.9	0.4
1047741	Drill Core	5.79	0.032	12.4	1340	18.8	78	0.6	5.1	11.9	493	3.86	6	2.1	<0.1	5.2	555	0.3	2.0	0.4
1047742	Drill Core	6.40	<0.005	6.9	50.5	33.3	98	0.3	4.0	5.5	895	2.30	9	3.2	<0.1	7.9	528	0.1	3.2	0.3
1047743	Drill Core	5.77	<0.005	1.4	15.9	34.9	92	<0.1	4.2	4.6	960	2.18	2	2.4	<0.1	7.6	324	<0.1	1.8	<0.1
1047744	Drill Core	6.10	<0.005	1.5	6.3	41.1	126	<0.1	3.9	4.9	1153	2.34	2	2.2	<0.1	6.5	234	0.2	1.8	0.1
1047745	Drill Core	6.65	<0.005	1.4	28.1	47.9	113	0.2	4.1	4.9	1333	2.24	2	1.9	<0.1	6.5	307	0.1	1.8	0.1
1047746	Drill Core	6.60	<0.005	1.3	16.4	46.8	107	<0.1	3.9	4.6	1241	2.18	2	2.1	<0.1	6.8	286	<0.1	1.7	<0.1
1047747	Drill Core	3.39	<0.005	1.5	7.3	40.8	112	<0.1	4.3	4.9	1329	2.23	2	2.0	<0.1	7.8	291	0.2	1.7	<0.1
1047748	Drill Core	3.52	<0.005	1.3	7.5	39.7	114	<0.1	3.4	4.7	1332	2.30	2	2.1	<0.1	6.6	283	0.1	1.5	<0.1
1047749	Drill Core	6.71	<0.005	1.2	11.5	33.3	106	<0.1	4.5	5.3	918	2.19	2	2.2	<0.1	6.5	305	<0.1	2.9	<0.1
1047750	Drill Core	6.22	<0.005	1.5	15.7	25.7	86	0.1	3.6	5.0	760	2.22	5	6.2	<0.1	6.6	303	<0.1	5.4	0.1
1047751	Drill Core	6.82	0.031	15.4	1260	32.7	118	2.0	5.8	11.4	718	3.77	14	6.0	<0.1	4.9	412	0.4	2.7	0.4
1047752	Drill Core	5.74	0.022	12.7	1226	14.6	84	1.6	3.8	11.2	516	4.07	11	2.1	<0.1	4.8	395	0.3	1.2	0.5
1047753	Drill Core	3.62	0.028	35.6	1229	18.3	87	1.3	4.8	10.4	556	3.42	12	4.0	<0.1	4.9	409	0.3	1.4	0.4
1047754	Drill Core	4.06	0.025	51.2	1413	32.2	101	3.5	6.8	11.4	666	3.10	17	2.7	<0.1	4.8	258	0.2	4.2	0.4
1047755	Drill Core	6.68	<0.005	3.5	120.2	9.3	45	0.2	10.0	8.4	453	2.46	2	2.6	<0.1	6.7	539	<0.1	0.7	<0.1
1047756	Drill Core	6.40	<0.005	2.1	154.1	6.3	35	0.3	9.3	8.4	467	2.26	2	2.7	<0.1	7.4	699	<0.1	0.5	<0.1



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047727	Drill Core	2.15	0.103	10.9	7	0.78	74	0.098	7.49	0.974	2.24	0.3	19.0	25	1.8	8.4	1.6	0.1	1	6
1047728	Drill Core	1.92	0.101	13.8	14	0.88	69	0.136	7.18	0.495	2.06	0.6	23.8	29	1.7	9.5	2.7	0.2	1	6
1047729	Drill Core	2.85	0.115	12.1	7	0.64	91	0.075	7.03	1.220	2.55	0.2	18.6	27	1.7	9.6	1.2	<0.1	<1	4
1047730	Drill Core	1.83	0.096	14.8	9	0.63	50	0.125	7.38	0.180	2.41	1.1	27.1	31	1.8	8.3	2.7	0.2	2	6
1047731	Drill Core	2.77	0.104	16.9	14	0.73	1085	0.315	7.23	1.552	2.33	0.6	80.1	35	0.7	8.4	7.7	0.5	<1	5
1047732	Drill Core	1.93	0.107	11.3	10	0.68	78	0.140	7.33	1.943	2.16	0.1	16.6	26	1.1	9.0	2.5	0.1	1	6
1047733	Drill Core	2.47	0.097	10.3	8	0.81	72	0.112	6.54	1.623	2.06	0.2	13.9	24	1.1	9.1	1.9	0.1	1	5
1047734	Drill Core	2.48	0.104	10.7	13	0.71	54	0.110	7.91	1.540	2.20	0.2	19.3	24	1.4	9.7	2.5	0.2	1	6
1047735	Drill Core	2.37	0.107	10.9	10	0.76	77	0.136	6.72	1.614	2.21	0.3	15.2	24	1.5	9.2	2.3	0.2	<1	5
1047736	Rock	22.04	0.015	0.6	<1	12.41	16	0.003	0.08	0.011	0.03	<0.1	0.3	1	<0.1	0.9	0.2	<0.1	<1	<1
1047737	Drill Core	2.13	0.107	10.3	10	0.64	102	0.129	7.03	1.677	2.34	0.4	18.1	24	1.2	9.4	2.5	0.2	2	5
1047738	Drill Core	1.83	0.104	9.5	10	0.68	94	0.105	7.11	1.770	1.97	<0.1	12.3	21	1.0	8.4	1.8	0.1	1	5
1047739	Drill Core	2.03	0.101	10.6	11	0.68	76	0.105	6.74	1.366	2.00	0.1	14.0	23	1.3	9.0	1.9	0.1	1	5
1047740	Drill Core	2.40	0.109	14.5	11	0.74	52	0.096	7.32	1.835	2.32	0.2	13.4	30	1.0	9.8	1.8	0.1	1	6
1047741	Drill Core	2.35	0.107	15.2	10	0.75	68	0.108	7.65	1.405	2.88	0.4	24.6	30	1.1	9.4	3.4	0.3	1	5
1047742	Drill Core	2.51	0.091	30.8	6	0.67	1254	0.169	7.46	1.398	3.15	1.2	63.7	53	0.7	12.9	8.9	0.6	1	4
1047743	Drill Core	2.43	0.092	28.1	6	0.70	1164	0.170	7.82	1.356	3.02	1.2	64.3	47	0.7	12.1	9.1	0.7	1	4
1047744	Drill Core	2.53	0.090	20.6	6	0.68	1181	0.167	7.53	1.596	2.96	0.9	55.8	38	0.5	11.2	8.8	0.6	1	4
1047745	Drill Core	2.60	0.092	21.4	6	0.65	1339	0.164	7.28	1.470	3.01	1.0	54.1	40	0.6	11.3	8.5	0.6	1	4
1047746	Drill Core	2.33	0.090	23.0	6	0.58	1196	0.163	7.22	1.615	3.02	0.8	55.7	42	0.5	11.1	8.3	0.6	1	4
1047747	Drill Core	2.63	0.088	27.7	6	0.65	1218	0.163	7.27	1.537	3.09	0.8	63.4	49	0.6	12.4	8.8	0.6	1	4
1047748	Drill Core	2.64	0.091	22.0	6	0.67	1228	0.170	7.53	1.476	3.06	0.8	63.6	40	0.6	11.4	8.9	0.6	1	4
1047749	Drill Core	2.49	0.092	20.8	6	0.63	1299	0.172	7.59	1.806	2.99	1.0	67.5	40	0.7	11.3	8.8	0.6	1	4
1047750	Drill Core	2.40	0.092	22.0	7	0.65	1211	0.180	7.71	1.569	3.10	1.0	66.1	41	0.7	11.4	9.2	0.6	<1	4
1047751	Drill Core	2.09	0.109	15.5	9	0.79	141	0.111	7.54	1.621	2.41	0.6	21.8	31	1.2	9.9	2.8	0.2	1	6
1047752	Drill Core	2.22	0.133	18.1	12	0.84	95	0.084	7.27	1.733	2.34	0.4	13.3	33	1.2	10.9	1.5	<0.1	1	6
1047753	Drill Core	2.36	0.125	16.9	8	0.85	188	0.110	7.58	1.908	2.30	0.3	17.1	34	1.1	10.6	2.1	0.1	1	7
1047754	Drill Core	1.98	0.089	15.3	8	0.94	593	0.115	6.67	1.348	2.60	1.1	32.4	29	1.2	8.3	3.6	0.3	1	5
1047755	Drill Core	2.65	0.104	20.5	15	0.73	1143	0.260	7.49	1.745	3.24	1.0	72.8	38	0.6	8.1	7.3	0.5	<1	6
1047756	Drill Core	3.19	0.089	21.7	13	0.79	1021	0.233	7.08	0.359	2.49	2.1	68.5	38	0.6	8.1	7.3	0.5	1	5



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CERTIFICATE OF ANALYSIS

SMI11000754.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047727	Drill Core	3.0	59.4	0.7
1047728	Drill Core	2.5	66.3	0.8
1047729	Drill Core	2.9	49.6	0.7
1047730	Drill Core	3.1	76.5	0.9
1047731	Drill Core	0.2	57.7	2.5
1047732	Drill Core	2.2	41.2	0.7
1047733	Drill Core	2.3	40.4	0.6
1047734	Drill Core	3.0	48.4	0.6
1047735	Drill Core	2.6	46.5	0.5
1047736	Rock	<0.1	0.3	<0.1
1047737	Drill Core	2.3	54.4	0.6
1047738	Drill Core	1.8	39.4	0.4
1047739	Drill Core	2.6	44.3	0.4
1047740	Drill Core	2.7	58.3	0.4
1047741	Drill Core	2.4	76.8	0.8
1047742	Drill Core	<0.1	116.7	2.2
1047743	Drill Core	<0.1	121.5	2.2
1047744	Drill Core	<0.1	112.8	2.0
1047745	Drill Core	<0.1	118.1	1.9
1047746	Drill Core	<0.1	113.1	1.9
1047747	Drill Core	<0.1	123.6	2.1
1047748	Drill Core	<0.1	120.4	2.1
1047749	Drill Core	<0.1	106.6	2.2
1047750	Drill Core	<0.1	112.0	2.2
1047751	Drill Core	1.6	77.3	0.7
1047752	Drill Core	1.8	64.5	0.4
1047753	Drill Core	1.5	65.1	0.5
1047754	Drill Core	0.5	95.6	1.0
1047755	Drill Core	<0.1	95.2	2.2
1047756	Drill Core	<0.1	75.7	2.1



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QUALITY CONTROL REPORT

SMI11000754.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1047656	Drill Core	6.87	0.017	12.1	967.0	10.6	88	0.5	8.4	10.0	670	3.24	108	1.5	<0.1	4.9	400	0.5	95.8	0.1	80
REP 1047656	QC			14.9	991.1	11.0	91	0.5	7.8	10.0	696	3.32	105	1.5	<0.1	5.1	414	0.3	95.3	0.1	81
1047659	Drill Core	3.81	0.017	2.4	182.3	24.5	141	0.6	19.1	15.3	1739	4.51	49	2.0	<0.1	3.0	932	0.4	49.8	<0.1	135
REP 1047659	QC		0.008																		
1047678	Drill Core	7.30	0.018	178.0	1334	9.8	43	0.5	94.2	17.6	209	2.69	45	1.2	<0.1	4.9	278	<0.1	30.4	0.1	159
REP 1047678	QC		0.021																		
1047682	Drill Core	7.28	0.037	93.0	2791	10.5	44	0.7	155.1	37.3	287	4.97	45	1.8	0.1	4.1	698	<0.1	5.6	0.1	156
REP 1047682	QC			94.4	2686	9.8	46	0.7	158.4	37.2	288	4.80	44	1.6	<0.1	4.1	677	0.1	5.3	0.2	152
1047705	Drill Core	3.32	0.024	21.2	1140	8.8	31	0.5	145.9	44.2	390	3.40	7	5.9	<0.1	5.5	354	0.2	1.0	0.5	144
REP 1047705	QC		0.022																		
1047717	Drill Core	6.02	0.014	66.3	834.5	5.8	45	0.2	150.3	29.1	525	7.16	4	1.0	<0.1	4.5	149	<0.1	0.7	<0.1	176
REP 1047717	QC			65.6	818.6	5.7	44	0.3	150.2	29.2	531	7.04	4	1.0	<0.1	4.3	147	<0.1	0.6	<0.1	172
1047730	Drill Core	3.71	0.041	20.5	1268	605.4	990	2.3	7.8	12.8	1110	3.75	47	4.2	<0.1	5.6	631	3.2	24.7	0.7	56
REP 1047730	QC		0.041																		
1047743	Drill Core	5.77	<0.005	1.4	15.9	34.9	92	<0.1	4.2	4.6	960	2.18	2	2.4	<0.1	7.6	324	<0.1	1.8	<0.1	40
REP 1047743	QC			1.3	15.7	33.2	93	0.1	4.2	4.8	976	2.16	<1	2.2	<0.1	6.6	323	0.1	1.5	<0.1	40
1047755	Drill Core	6.68	<0.005	3.5	120.2	9.3	45	0.2	10.0	8.4	453	2.46	2	2.6	<0.1	6.7	539	<0.1	0.7	<0.1	66
REP 1047755	QC		<0.005																		
Core Reject Duplicates																					
1047655	Drill Core	7.05	0.016	13.0	844.5	24.4	134	0.8	6.6	8.2	653	3.18	141	1.6	<0.1	5.0	718	0.5	139.5	0.2	71
DUP 1047655	QC		0.016	15.8	890.1	27.4	141	0.8	7.1	9.3	677	3.19	166	1.6	<0.1	5.2	781	0.7	141.0	0.2	73
1047690	Drill Core	7.11	0.020	38.9	1058	9.0	31	0.3	93.3	16.6	227	3.11	22	1.0	<0.1	4.4	343	0.1	2.8	0.1	171
DUP 1047690	QC		0.018	35.3	1059	8.4	34	0.3	91.1	15.6	216	3.01	33	1.0	<0.1	4.5	342	<0.1	4.2	<0.1	169
1047725	Drill Core	6.27	0.036	12.6	1187	226.5	675	2.7	5.6	11.7	1152	3.47	10	2.0	<0.1	4.5	535	3.6	2.2	0.3	57
DUP 1047725	QC		0.039	12.4	1181	241.1	694	2.9	5.2	12.2	1132	3.47	11	2.0	<0.1	4.8	531	4.1	2.3	0.3	57
Reference Materials																					
STD OREAS24P	Standard			1.2	47.1	2.7	112	<0.1	138.6	43.0	1116	7.29	<1	0.7	<0.1	2.8	347	0.3	<0.1	<0.1	158
STD OREAS24P	Standard			1.6	53.6	3.1	115	<0.1	148.1	46.3	1113	7.65	<1	0.8	<0.1	3.0	390	0.2	<0.1	<0.1	165



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1047656	Drill Core	1.60	0.129	15.6	9	0.75	1382	0.253	7.52	0.579	2.44	0.6	35.5	33	0.7	8.5	6.4	0.3	2	7	571.4
REP 1047656	QC	1.65	0.137	15.4	9	0.74	1363	0.253	7.46	0.580	2.49	0.5	34.6	34	0.8	8.4	6.0	0.4	2	6	583.6
1047659	Drill Core	3.13	0.200	17.4	26	1.46	879	0.504	7.38	0.206	2.36	0.7	96.7	40	0.8	12.1	9.4	0.5	1	10	46.2
REP 1047659	QC																				
1047678	Drill Core	0.46	0.029	26.9	134	0.38	710	0.183	8.39	0.281	2.79	0.4	5.2	57	1.0	5.7	2.2	0.1	2	16	202.8
REP 1047678	QC																				
1047682	Drill Core	0.63	0.076	20.3	121	0.78	85	0.117	7.66	1.006	2.28	0.2	24.8	42	1.2	9.2	1.4	<0.1	2	18	88.8
REP 1047682	QC	0.59	0.075	19.9	122	0.76	70	0.114	7.73	0.999	2.25	0.2	25.2	43	1.0	9.1	1.4	<0.1	2	16	87.7
1047705	Drill Core	1.23	0.038	18.1	111	0.73	163	0.191	8.98	0.724	2.39	0.7	44.1	38	1.1	8.5	3.9	0.2	2	18	69.6
REP 1047705	QC																				
1047717	Drill Core	0.87	0.197	21.1	200	1.08	84	0.295	9.42	0.500	1.93	0.4	5.2	48	1.1	15.5	2.7	0.2	1	24	58.0
REP 1047717	QC	0.89	0.199	19.3	195	1.08	85	0.269	9.65	0.504	1.92	0.4	5.1	46	0.9	14.6	2.4	0.2	2	24	58.1
1047730	Drill Core	1.83	0.096	14.8	9	0.63	50	0.125	7.38	0.180	2.41	1.1	27.1	31	1.8	8.3	2.7	0.2	2	6	12.3
REP 1047730	QC																				
1047743	Drill Core	2.43	0.092	28.1	6	0.70	1164	0.170	7.82	1.356	3.02	1.2	64.3	47	0.7	12.1	9.1	0.7	1	4	15.3
REP 1047743	QC	2.41	0.093	20.7	6	0.70	1169	0.172	7.77	1.360	2.98	1.1	64.4	39	0.5	11.0	8.9	0.7	2	4	15.5
1047755	Drill Core	2.65	0.104	20.5	15	0.73	1143	0.260	7.49	1.745	3.24	1.0	72.8	38	0.6	8.1	7.3	0.5	<1	6	17.3
REP 1047755	QC																				
Core Reject Duplicates																					
1047655	Drill Core	1.33	0.121	17.5	11	0.67	404	0.205	7.06	0.144	2.22	0.5	30.8	37	0.9	7.7	4.9	0.3	2	6	598.3
DUP 1047655	QC	1.34	0.122	18.6	9	0.68	1309	0.223	7.14	0.144	2.29	0.7	33.0	38	0.7	8.1	5.5	0.3	2	6	611.2
1047690	Drill Core	0.62	0.044	18.6	107	0.49	995	0.157	8.44	0.541	1.95	0.4	6.5	39	0.8	5.5	1.7	0.1	2	17	193.4
DUP 1047690	QC	0.58	0.044	19.7	103	0.46	978	0.171	8.66	0.527	2.20	0.4	6.4	40	0.7	5.3	1.8	0.1	3	17	187.2
1047725	Drill Core	2.47	0.098	10.7	8	0.70	67	0.111	6.90	0.984	2.37	0.3	14.3	24	1.2	8.8	1.9	0.1	1	5	9.6
DUP 1047725	QC	2.48	0.102	10.9	8	0.70	70	0.112	6.84	1.012	2.22	0.2	14.5	25	1.3	9.0	1.9	0.1	2	5	10.0
Reference Materials																					
STD OREAS24P	Standard	5.74	0.126	18.8	196	3.91	277	1.126	7.45	2.447	0.63	0.4	126.9	36	1.5	21.5	17.9	1.0	2	21	6.2
STD OREAS24P	Standard	5.60	0.131	19.3	205	4.20	285	1.088	7.81	2.535	0.67	0.4	136.8	38	1.5	24.5	20.4	1.1	1	21	7.2



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 31, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000754.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1047656	Drill Core	0.8	54.5	1.2
REP 1047656	QC	0.8	53.5	1.1
1047659	Drill Core	0.4	62.8	2.5
REP 1047659	QC			
1047678	Drill Core	1.4	76.2	<0.1
REP 1047678	QC			
1047682	Drill Core	2.6	64.1	0.8
REP 1047682	QC	2.5	59.1	0.7
1047705	Drill Core	1.4	80.2	1.1
REP 1047705	QC			
1047717	Drill Core	2.2	56.4	0.2
REP 1047717	QC	2.1	53.8	0.1
1047730	Drill Core	3.1	76.5	0.9
REP 1047730	QC			
1047743	Drill Core	<0.1	121.5	2.2
REP 1047743	QC	<0.1	114.1	2.2
1047755	Drill Core	<0.1	95.2	2.2
REP 1047755	QC			
Core Reject Duplicates				
1047655	Drill Core	1.0	54.2	1.0
DUP 1047655	QC	1.1	56.5	1.1
1047690	Drill Core	1.0	52.4	0.2
DUP 1047690	QC	1.0	54.9	0.2
1047725	Drill Core	3.0	47.5	0.5
DUP 1047725	QC	3.1	47.7	0.5
Reference Materials				
STD OREAS24P	Standard	<0.1	20.6	3.3
STD OREAS24P	Standard	<0.1	19.9	3.5



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Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000754.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.6	58.9	3.3	118	<0.1	151.9	47.4	1139	7.54	<1	0.8	<0.1	3.4	382	0.1	0.2	<0.1
STD OREAS24P	Standard			1.2	44.7	3.3	105	<0.1	131.2	42.8	1033	7.18	<1	0.6	<0.1	2.6	348	0.2	<0.1	<0.1
STD OREAS45C	Standard			2.5	624.2	22.2	74	0.2	319.3	94.9	1151	16.65	8	2.2	<0.1	9.9	33	0.3	0.4	0.1
STD OREAS45C	Standard			2.4	613.8	27.1	83	0.3	334.2	103.9	1147	18.01	11	2.5	<0.1	11.9	46	<0.1	0.8	0.3
STD OREAS45C	Standard			2.2	593.7	29.0	86	0.4	333.3	105.8	1167	17.44	11	2.7	<0.1	13.1	40	0.2	1.0	0.2
STD OREAS45C	Standard			1.9	600.2	21.4	77	0.3	313.2	99.1	1066	16.65	9	2.1	<0.1	9.4	33	0.3	0.7	0.2
STD OXH82	Standard		1.258																	
STD OXH82	Standard		1.300																	
STD OXH82	Standard		1.305																	
STD OXH82	Standard		1.171																	
STD OXH82	Standard		1.379																	
STD OXK79	Standard		3.384																	
STD OXK79	Standard		3.763																	
STD OXK79	Standard		3.741																	
STD OXK79	Standard		3.299																	
STD OXK79	Standard		3.428																	
STD OXK79	Standard		3.784																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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QUALITY CONTROL REPORT

SMI11000754.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.88	0.131	19.6	202	4.09	279	1.138	7.73	2.462	0.68	0.5	134.1	38	1.8	24.9	19.7	1.1	1	20	7.4
STD OREAS24P	Standard	5.35	0.130	16.8	191	3.96	255	0.992	7.66	2.398	0.63	0.6	122.2	33	1.7	20.0	18.0	1.0	1	19	7.7
STD OREAS45C	Standard	0.47	0.042	24.8	850	0.25	259	1.197	6.90	0.102	0.32	0.9	149.9	48	2.7	12.2	19.7	1.3	1	61	13.9
STD OREAS45C	Standard	0.47	0.050	26.6	941	0.25	284	1.145	7.06	0.099	0.34	1.2	169.5	53	2.9	14.4	23.7	1.6	1	59	14.7
STD OREAS45C	Standard	0.47	0.048	28.5	859	0.26	286	1.305	7.33	0.096	0.34	1.3	157.2	54	3.3	13.6	21.9	1.6	<1	59	14.9
STD OREAS45C	Standard	0.45	0.048	24.4	876	0.25	262	1.039	7.19	0.095	0.33	0.9	147.8	48	2.5	12.0	20.4	1.2	<1	60	14.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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QUALITY CONTROL REPORT

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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	21.0	3.6
STD OREAS24P	Standard	<0.1	19.6	3.1
STD OREAS45C	Standard	<0.1	21.8	4.1
STD OREAS45C	Standard	<0.1	23.5	4.3
STD OREAS45C	Standard	<0.1	21.5	4.8
STD OREAS45C	Standard	<0.1	22.5	3.8
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
STD OXH82 Expected				
STD OXK79 Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000754.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
Prep Wash																				
G1	Prep Blank	<0.005	0.3	3.1	21.0	53	<0.1	3.4	4.5	729	2.33	<1	2.5	<0.1	7.7	744	0.1	0.5	0.2	48
G1	Prep Blank	0.005	0.3	3.7	21.2	53	<0.1	3.2	4.8	758	2.65	1	2.9	<0.1	10.7	759	<0.1	0.3	0.2	51



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QUALITY CONTROL REPORT

SMI11000754.1

		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	2.35	0.069	21.5	10	0.57	1116	0.239	7.70	2.888	3.28	0.2	11.0	47	1.4	13.9	23.1	1.3	2
G1	Prep Blank	2.43	0.078	36.3	15	0.63	1170	0.249	8.34	2.857	3.39	0.1	8.1	70	1.6	17.7	24.9	1.4	3



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QUALITY CONTROL REPORT

SMI11000754.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank	<0.1	101.7	0.6
G1	Prep Blank	<0.1	127.7	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: December 29, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI11000755.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_26_
P.O. Number
Number of Samples: 59

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	59	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	59	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 29, 2011

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CERTIFICATE OF ANALYSIS

SMI11000755.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047757	Drill Core	6.38	0.006	2.0	119.9	10.3	55	0.3	9.9	9.1	561	2.54	2	3.3	<0.1	8.5	968	0.1	0.6	<0.1
1047758	Drill Core	6.75	0.005	2.1	144.3	9.1	45	0.6	11.1	8.6	469	2.38	3	3.3	<0.1	8.9	742	0.1	0.7	<0.1
1047759	Drill Core	7.06	<0.005	2.8	195.3	7.7	35	0.4	10.1	9.0	428	2.38	3	3.1	<0.1	8.5	590	<0.1	0.6	<0.1
1047760	Drill Core	4.76	0.006	4.1	232.4	9.7	40	0.6	9.5	7.3	402	2.15	2	3.1	<0.1	7.9	550	<0.1	0.6	<0.1
1047761	Rock Pulp	0.10	0.471	149.9	3969	31.8	72	2.7	43.9	23.5	441	5.26	50	1.5	1.3	3.7	282	0.2	4.5	0.4
1047762	Drill Core	4.13	<0.005	2.6	80.6	13.4	57	0.3	11.7	8.8	553	2.79	3	2.7	<0.1	8.0	531	0.2	1.0	<0.1
1047763	Drill Core	6.69	0.016	2.4	171.1	39.1	170	0.4	5.1	5.6	1217	2.33	14	4.3	<0.1	8.0	352	0.5	2.5	0.1
1047764	Drill Core	5.72	0.010	1.9	65.3	47.4	120	0.4	4.2	6.1	1272	2.43	15	3.9	<0.1	8.1	335	0.2	2.7	0.3
1047765	Drill Core	1.79	<0.005	2.8	17.9	31.5	57	<0.1	1.3	2.6	403	0.95	9	17.6	<0.1	17.0	169	0.2	4.9	0.4
1047766	Drill Core	3.37	0.009	3.1	85.9	53.4	174	0.6	4.1	5.8	1257	2.11	21	6.0	<0.1	8.4	392	0.6	4.4	0.5
1047767	Drill Core	6.70	0.045	7.0	760.8	155.0	409	2.4	5.8	7.4	1732	2.64	42	4.9	<0.1	8.2	471	2.1	8.8	0.5
1047768	Drill Core	6.66	0.015	3.8	193.8	273.5	406	1.6	4.6	6.3	1749	2.35	23	3.7	<0.1	8.2	507	2.3	4.7	0.3
1047769	Drill Core	6.63	0.021	3.4	425.7	102.9	320	1.0	4.4	6.5	1759	2.61	18	4.5	<0.1	8.8	435	1.4	7.0	0.3
1047770	Drill Core	6.45	0.032	4.9	843.5	128.3	357	1.8	5.4	7.4	1530	2.70	24	4.7	<0.1	7.9	426	1.6	8.7	0.3
1047771	Drill Core	6.45	0.024	8.1	589.2	195.2	303	3.0	4.9	7.8	1738	2.98	19	3.9	<0.1	8.2	402	1.4	9.0	0.6
1047772	Drill Core	6.29	0.020	6.4	511.1	140.1	333	1.5	5.6	7.0	1578	2.70	16	3.3	<0.1	8.0	388	1.6	8.3	0.3
1047773	Drill Core	6.11	0.025	4.2	582.9	147.3	461	1.9	4.4	7.0	1631	2.80	28	3.6	<0.1	8.0	408	2.2	8.3	0.4
1047774	Drill Core	7.14	0.055	8.2	1111	330.0	648	3.8	5.9	9.0	1560	3.10	78	4.0	<0.1	8.0	416	3.9	10.6	0.4
1047775	Rock	1.19	<0.005	0.3	3.5	2.0	15	0.3	2.2	0.7	230	0.52	<1	0.5	<0.1	<0.1	41	0.2	<0.1	<0.1
1047776	Drill Core	5.81	0.006	3.1	44.2	85.5	162	0.3	0.8	1.3	529	0.69	11	12.7	<0.1	16.3	150	1.0	3.0	0.1
1047777	Drill Core	5.99	<0.005	0.5	21.5	107.6	221	0.3	1.4	1.2	504	0.65	7	10.0	<0.1	16.9	118	1.0	2.5	0.1
1047778	Drill Core	2.19	<0.005	1.1	25.8	64.8	132	0.2	1.4	1.2	487	0.90	11	8.3	<0.1	18.1	173	0.4	7.3	0.4
1047779	Drill Core	6.37	0.037	39.6	1047	86.9	326	1.5	5.3	10.4	630	3.57	14	2.5	<0.1	8.7	390	1.9	8.3	0.4
1047780	Drill Core	5.17	0.043	26.6	1139	58.3	191	2.2	5.2	11.1	919	4.93	8	0.9	<0.1	4.8	376	0.9	2.5	0.9
1047781	Drill Core	6.07	0.041	4.1	357.4	523.3	1113	4.5	5.2	6.3	1137	2.49	29	3.5	<0.1	6.2	447	6.3	9.4	0.9
1047782	Drill Core	6.76	0.035	15.3	671.5	257.4	1052	5.5	5.7	6.5	1318	2.86	19	3.4	<0.1	6.4	433	5.4	9.8	0.5
1047783	Drill Core	5.15	0.018	2.4	301.1	175.6	1333	5.1	4.4	5.2	1245	2.22	9	2.6	<0.1	4.9	397	7.5	6.1	0.3
1047784	Drill Core	2.38	0.005	2.3	93.7	55.0	186	0.3	4.6	5.4	928	2.45	10	2.4	<0.1	5.9	346	0.6	6.5	0.2
1047785	Drill Core	4.51	<0.005	1.6	28.4	50.3	191	0.3	4.2	4.7	886	2.07	8	2.3	<0.1	5.8	314	0.4	5.5	0.2
1047786	Drill Core	3.21	<0.005	2.4	84.0	104.2	491	0.6	3.5	4.5	876	2.34	6	2.6	<0.1	6.4	313	2.6	5.8	0.3



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Project: Poplar Drilling
Report Date: December 29, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047757	Drill Core	3.27	0.095	22.9	14	1.02	1448	0.285	7.37	0.193	2.57	3.1	78.5	42	0.6	9.2	8.4	0.6	1	6
1047758	Drill Core	2.81	0.091	23.4	14	0.93	1134	0.277	7.57	0.397	2.85	2.2	76.8	43	0.6	9.4	8.4	0.6	1	6
1047759	Drill Core	2.90	0.091	21.7	14	0.82	1122	0.274	7.43	0.646	2.90	3.0	74.9	42	0.7	8.8	8.2	0.6	1	6
1047760	Drill Core	3.10	0.085	20.3	13	0.84	1053	0.262	7.17	0.446	2.74	1.6	69.1	38	0.7	8.0	7.9	0.6	1	5
1047761	Rock Pulp	0.46	0.119	21.1	68	1.17	389	0.348	8.11	1.572	4.61	16.7	29.7	40	2.6	14.2	3.1	0.2	1	19
1047762	Drill Core	3.51	0.095	21.8	17	1.17	1469	0.293	7.44	1.241	3.22	2.1	71.7	41	0.5	9.4	8.4	0.6	1	6
1047763	Drill Core	2.76	0.087	23.0	7	0.88	1066	0.180	7.53	0.505	3.33	1.1	61.1	44	0.6	11.8	9.0	0.7	2	4
1047764	Drill Core	2.81	0.089	22.8	6	0.78	1107	0.182	7.53	0.666	3.29	2.0	59.8	45	0.7	12.1	9.2	0.7	2	4
1047765	Drill Core	1.80	0.024	10.1	5	0.34	667	0.048	7.08	0.350	5.01	11.4	59.4	19	0.5	9.9	13.0	1.2	1	2
1047766	Drill Core	1.99	0.088	22.2	6	0.61	1002	0.182	7.53	0.683	3.11	1.2	60.6	43	0.7	11.7	10.1	0.7	2	4
1047767	Drill Core	2.58	0.087	20.9	9	0.79	1017	0.192	7.47	0.444	3.38	3.2	57.1	41	0.9	12.0	9.5	0.6	2	5
1047768	Drill Core	2.66	0.095	23.8	6	0.79	1222	0.196	7.90	0.731	3.21	0.8	61.2	45	0.8	12.5	9.9	0.7	2	5
1047769	Drill Core	2.80	0.086	21.5	8	0.83	1509	0.179	7.51	0.532	3.66	2.1	59.1	40	0.8	12.1	8.9	0.7	2	5
1047770	Drill Core	2.78	0.096	20.4	7	0.77	864	0.183	7.68	0.844	3.77	0.9	54.0	40	0.8	11.7	8.1	0.6	1	5
1047771	Drill Core	2.37	0.099	22.3	9	0.79	1144	0.196	7.96	0.738	3.84	2.1	56.4	43	0.8	11.8	8.7	0.6	2	5
1047772	Drill Core	2.34	0.097	22.0	7	0.75	1182	0.198	7.92	0.729	3.19	0.9	56.3	42	0.8	11.6	8.5	0.6	1	5
1047773	Drill Core	2.74	0.092	22.0	8	0.74	1169	0.200	7.80	0.538	4.23	2.1	60.3	42	0.9	12.3	8.9	0.6	1	5
1047774	Drill Core	2.42	0.093	19.8	8	0.73	340	0.177	7.57	0.792	4.20	0.8	51.7	39	1.0	11.9	7.6	0.5	1	6
1047775	Rock	17.23	0.015	0.8	<1	13.85	34	0.002	0.08	0.005	0.03	0.2	0.4	1	<0.1	0.7	0.2	<0.1	<1	<1
1047776	Drill Core	2.48	0.021	9.6	1	0.20	376	0.045	6.79	0.085	3.71	0.8	44.4	19	0.6	8.9	12.1	1.2	2	2
1047777	Drill Core	2.50	0.020	9.8	2	0.21	297	0.042	6.50	0.079	3.33	1.0	42.0	19	0.6	8.9	11.6	1.1	2	2
1047778	Drill Core	1.42	0.024	10.3	3	0.22	380	0.046	6.86	0.252	4.34	3.2	47.0	20	0.7	9.1	13.0	1.3	2	2
1047779	Drill Core	2.02	0.109	17.5	10	0.86	355	0.071	7.79	1.383	3.36	0.3	19.9	36	1.1	9.3	3.0	0.3	1	6
1047780	Drill Core	2.23	0.127	10.4	10	0.88	73	0.076	7.22	1.407	2.47	1.9	14.7	24	1.5	8.5	1.6	0.1	2	6
1047781	Drill Core	2.68	0.088	13.6	7	0.56	1062	0.180	7.35	1.134	3.27	1.1	61.0	30	0.8	10.1	9.1	0.6	1	4
1047782	Drill Core	2.42	0.091	12.8	7	0.57	219	0.158	6.71	0.848	3.05	1.9	54.8	28	1.0	9.9	7.8	0.5	2	4
1047783	Drill Core	2.59	0.083	11.0	6	0.61	1190	0.172	6.35	1.005	1.97	0.9	61.0	26	0.7	9.3	8.3	0.6	<1	3
1047784	Drill Core	2.13	0.085	12.8	7	0.57	1132	0.176	6.62	1.466	2.11	1.6	64.5	29	0.7	9.6	9.1	0.7	1	3
1047785	Drill Core	2.13	0.083	14.4	6	0.57	1193	0.186	6.89	1.437	2.00	0.9	68.4	32	0.7	10.1	9.8	0.7	1	3
1047786	Drill Core	2.38	0.094	14.1	6	0.64	1237	0.184	7.10	1.145	2.16	1.4	69.9	31	0.8	10.9	9.8	0.7	2	3



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047757	Drill Core	<0.1	78.4	2.4
1047758	Drill Core	<0.1	83.4	2.4
1047759	Drill Core	<0.1	82.5	2.3
1047760	Drill Core	<0.1	80.0	2.2
1047761	Rock Pulp	2.3	124.9	0.9
1047762	Drill Core	<0.1	97.5	2.2
1047763	Drill Core	0.2	126.0	2.0
1047764	Drill Core	0.2	127.9	2.2
1047765	Drill Core	0.2	152.0	2.8
1047766	Drill Core	0.3	117.6	2.2
1047767	Drill Core	0.7	131.3	2.0
1047768	Drill Core	0.4	127.4	2.2
1047769	Drill Core	0.4	138.0	2.0
1047770	Drill Core	0.8	135.6	1.9
1047771	Drill Core	0.7	144.0	1.9
1047772	Drill Core	0.6	112.2	2.0
1047773	Drill Core	0.6	174.2	2.0
1047774	Drill Core	1.1	156.4	1.6
1047775	Rock	<0.1	1.7	<0.1
1047776	Drill Core	0.1	147.4	2.3
1047777	Drill Core	<0.1	138.6	2.4
1047778	Drill Core	<0.1	173.6	2.6
1047779	Drill Core	1.6	116.7	0.8
1047780	Drill Core	2.3	80.4	0.5
1047781	Drill Core	0.6	112.5	2.1
1047782	Drill Core	0.8	107.0	1.8
1047783	Drill Core	0.2	58.0	1.9
1047784	Drill Core	0.3	79.1	2.3
1047785	Drill Core	<0.1	75.2	2.4
1047786	Drill Core	0.2	80.5	2.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
1047787	Drill Core	7.42	0.022	23.2	736.7	189.4	537	2.2	4.5	7.9	886	2.47	32	1.9	<0.1	4.8	378	3.0	6.9	0.4
1047788	Drill Core	6.37	0.005	0.6	13.2	52.4	153	0.2	0.7	0.9	558	0.73	6	8.1	<0.1	13.7	133	0.6	3.3	0.2
1047789	Drill Core	6.46	<0.005	2.2	4.0	69.8	144	0.2	1.2	0.7	589	0.59	3	10.1	<0.1	14.4	160	0.4	1.4	0.4
1047790	Drill Core	6.39	<0.005	1.0	3.0	68.4	153	0.3	0.7	0.8	573	0.71	4	8.8	<0.1	14.1	161	0.4	1.7	0.8
1047791	Rock Pulp	0.11	0.439	141.0	3767	30.7	66	3.0	37.9	21.2	428	4.68	44	1.4	0.4	2.7	225	0.2	4.3	0.5
1047792	Drill Core	5.42	0.006	2.6	19.5	153.5	433	1.0	1.0	0.9	819	0.53	13	10.0	<0.1	13.4	118	2.0	2.5	1.6
1047793	Drill Core	4.52	<0.005	2.3	10.3	135.5	362	0.8	1.3	1.0	605	0.80	10	8.8	<0.1	13.2	162	2.6	7.9	1.5
1047794	Drill Core	2.17	<0.005	4.9	65.4	350.9	832	3.4	2.4	2.8	1389	1.38	32	8.3	<0.1	12.6	355	5.2	20.0	3.5
1047795	Drill Core	6.42	<0.005	2.5	124.9	108.1	386	1.4	4.7	5.1	1412	2.32	19	3.0	<0.1	6.5	381	1.5	7.5	0.3
1047796	Drill Core	6.73	<0.005	1.0	74.0	69.1	207	0.3	4.0	4.8	1544	2.23	23	2.7	<0.1	5.6	375	0.4	3.2	0.2
1047797	Drill Core	6.88	0.005	2.9	95.8	94.6	258	0.9	4.0	5.2	1575	2.16	34	4.1	<0.1	5.9	424	0.8	7.4	0.3
1047798	Drill Core	6.68	<0.005	0.5	1.6	52.8	201	0.1	4.9	4.9	1291	2.25	4	2.4	<0.1	5.8	375	0.4	4.6	0.1
1047799	Drill Core	3.21	<0.005	1.0	13.5	53.6	189	0.2	4.2	5.0	1275	2.31	5	1.9	<0.1	5.4	554	0.5	3.8	<0.1
1047800	Drill Core	6.09	0.081	6.2	1976	61.2	168	1.7	5.3	15.6	604	3.85	6	0.6	0.1	4.1	258	1.3	0.7	0.7
1047801	Drill Core	5.55	0.065	4.5	1850	98.8	114	1.9	6.2	14.7	1027	3.73	9	0.6	<0.1	4.0	378	0.5	1.1	0.4
1047802	Drill Core	6.48	0.080	6.8	2031	104.3	480	1.9	6.2	14.7	848	4.60	15	0.6	<0.1	4.2	451	3.5	1.3	0.5
1047803	Drill Core	6.57	0.068	5.2	1483	13.4	52	0.8	5.8	11.6	510	3.49	4	0.6	<0.1	4.1	520	0.2	0.5	0.2
1047804	Drill Core	3.23	0.069	5.7	1760	72.5	183	1.8	5.6	14.2	639	4.04	4	0.8	<0.1	4.4	392	1.2	0.9	0.5
1047805	Drill Core	3.37	0.062	5.7	1520	53.3	174	1.5	5.3	13.8	629	3.59	4	0.7	<0.1	4.4	419	0.9	1.0	0.4
1047806	Drill Core	6.89	0.076	10.7	1892	19.3	65	0.8	4.8	11.6	333	3.98	2	0.7	<0.1	4.4	489	0.3	0.5	0.6
1047807	Drill Core	6.59	0.082	8.2	1960	19.7	152	0.8	6.4	11.1	339	3.36	2	0.7	<0.1	4.5	492	0.9	0.5	0.3
1047808	Drill Core	7.09	0.078	10.8	1852	44.2	112	1.3	5.2	13.2	786	3.49	4	0.5	<0.1	3.7	374	0.5	0.9	0.3
1047809	Drill Core	6.61	0.076	13.2	1885	61.9	174	2.0	5.7	12.8	907	3.23	7	0.7	<0.1	4.5	407	0.7	2.6	0.4
1047810	Drill Core	6.80	0.089	9.1	1817	414.5	2110	8.7	4.9	11.9	4336	3.47	30	0.8	0.2	4.9	463	13.2	20.8	0.8
1047811	Drill Core	6.23	0.072	8.3	1577	347.4	719	6.6	5.4	9.7	1779	3.07	17	0.5	<0.1	4.3	473	4.5	7.2	0.3
1047812	Drill Core	6.60	0.072	14.6	1834	208.0	526	4.0	5.6	8.9	1740	3.07	17	0.4	<0.1	4.4	444	3.1	5.9	0.3
1047813	Drill Core	6.91	0.093	4.4	2313	131.1	253	4.4	6.6	12.0	830	3.18	5	0.6	<0.1	4.7	542	1.4	0.8	0.3
1047814	Drill Core	6.63	0.094	6.2	1954	98.8	275	2.8	6.4	10.3	1356	4.08	21	0.5	<0.1	4.8	295	1.5	3.8	0.2
1047815	Drill Core	4.11	0.084	10.5	1875	318.6	1322	3.5	6.1	11.7	3338	3.69	175	0.8	0.1	5.0	235	7.6	29.9	1.1



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Project: Poplar Drilling
Report Date: December 29, 2011

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CERTIFICATE OF ANALYSIS

SMI11000755.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
1047787	Drill Core	2.32	0.108	10.1	7	0.66	227	0.113	6.86	1.704	2.70	0.6	39.0	24	1.1	8.5	4.7	0.3	1	4
1047788	Drill Core	1.79	0.018	7.4	2	0.13	291	0.038	6.34	0.100	2.21	2.1	42.9	16	0.5	7.0	11.7	1.2	1	<1
1047789	Drill Core	1.60	0.018	7.6	3	0.12	282	0.040	6.65	0.109	2.51	1.0	46.8	16	0.7	7.3	12.5	1.2	2	1
1047790	Drill Core	1.64	0.018	8.5	3	0.10	261	0.038	6.36	0.135	2.45	2.0	45.5	18	0.6	7.1	12.0	1.1	2	<1
1047791	Rock Pulp	0.34	0.110	13.5	62	1.01	83	0.282	6.37	1.470	4.21	17.2	26.2	29	2.4	11.8	2.7	0.2	1	15
1047792	Drill Core	2.26	0.016	6.8	3	0.14	277	0.040	6.54	0.079	2.43	1.1	45.4	16	0.6	7.7	12.2	1.2	2	<1
1047793	Drill Core	1.72	0.019	7.0	3	0.11	321	0.041	6.12	0.132	2.78	2.0	44.4	15	0.5	6.9	12.2	1.2	2	<1
1047794	Drill Core	1.64	0.043	9.7	4	0.25	834	0.097	7.03	0.234	4.05	1.3	60.0	21	0.8	9.4	12.8	1.1	1	2
1047795	Drill Core	1.90	0.093	15.1	7	0.41	1216	0.181	7.32	0.908	2.23	1.9	69.0	33	0.8	10.6	10.6	0.7	1	4
1047796	Drill Core	2.64	0.088	13.8	6	0.62	1167	0.177	7.28	0.694	2.17	0.6	66.9	31	0.6	10.3	9.4	0.7	1	3
1047797	Drill Core	2.84	0.081	14.9	5	0.52	1495	0.159	6.95	0.243	2.29	1.3	60.5	31	0.6	10.7	8.7	0.6	1	3
1047798	Drill Core	2.66	0.088	13.1	5	0.56	1234	0.179	7.05	0.905	2.14	0.6	64.4	30	0.6	9.8	9.2	0.7	2	3
1047799	Drill Core	2.93	0.093	12.8	6	0.54	1129	0.182	6.28	0.647	1.96	1.2	60.2	29	0.5	9.8	8.8	0.6	1	3
1047800	Drill Core	2.36	0.092	6.8	10	0.64	69	0.113	6.22	1.651	2.12	1.9	13.5	17	1.5	7.1	2.3	0.2	<1	5
1047801	Drill Core	1.75	0.098	7.3	9	0.62	64	0.097	6.35	1.575	2.24	0.3	11.9	19	1.0	6.9	2.0	0.1	<1	4
1047802	Drill Core	2.58	0.078	6.7	12	0.68	56	0.096	6.37	1.273	2.60	1.8	12.2	16	1.3	6.2	2.0	0.1	1	5
1047803	Drill Core	2.57	0.090	7.8	13	0.67	97	0.125	6.22	2.137	2.41	<0.1	13.6	18	1.1	7.4	3.0	0.2	1	5
1047804	Drill Core	2.15	0.108	8.8	11	0.64	73	0.098	6.74	1.467	2.44	1.5	15.6	22	1.2	7.8	2.2	0.1	1	5
1047805	Drill Core	2.30	0.095	8.6	9	0.64	81	0.095	6.49	1.352	2.62	0.1	14.9	21	1.1	7.2	2.2	0.1	1	5
1047806	Drill Core	2.55	0.089	9.5	16	0.62	65	0.146	6.12	1.740	2.59	1.7	14.2	22	1.3	7.4	2.4	0.2	1	5
1047807	Drill Core	2.66	0.102	9.0	14	0.65	97	0.113	6.42	2.190	2.13	0.1	14.1	21	1.1	8.1	2.6	0.2	1	5
1047808	Drill Core	2.89	0.082	7.4	12	0.61	87	0.102	5.70	1.330	2.47	1.6	13.0	18	1.1	6.9	2.2	0.2	<1	5
1047809	Drill Core	2.57	0.095	9.9	11	0.66	86	0.096	6.34	0.947	2.65	0.2	13.1	23	1.2	7.5	2.1	0.1	1	4
1047810	Drill Core	3.07	0.089	12.0	11	0.56	82	0.090	6.61	0.128	2.30	2.8	12.1	26	1.1	8.1	2.1	0.1	2	5
1047811	Drill Core	2.50	0.083	8.7	10	0.56	85	0.086	5.93	1.017	2.08	0.3	11.2	20	0.8	6.8	2.1	0.1	<1	4
1047812	Drill Core	2.87	0.096	7.9	15	0.64	91	0.100	6.47	1.995	1.91	1.7	13.0	19	1.1	7.8	2.6	0.2	1	5
1047813	Drill Core	2.79	0.094	9.4	16	0.63	73	0.111	6.63	1.876	2.41	0.1	14.9	23	1.3	8.2	2.6	0.2	<1	5
1047814	Drill Core	2.09	0.082	8.5	12	0.71	160	0.116	6.53	1.433	2.32	2.0	14.0	20	0.9	7.5	2.9	0.2	1	5
1047815	Drill Core	1.86	0.083	12.8	9	0.63	95	0.088	7.49	0.260	2.86	0.7	14.4	26	1.2	7.3	1.7	0.1	1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
1047787	Drill Core	0.9	96.0	1.4
1047788	Drill Core	<0.1	88.4	2.3
1047789	Drill Core	<0.1	98.0	2.4
1047790	Drill Core	<0.1	102.1	2.5
1047791	Rock Pulp	2.0	116.8	0.8
1047792	Drill Core	<0.1	98.5	2.4
1047793	Drill Core	<0.1	104.4	2.4
1047794	Drill Core	0.2	149.4	2.5
1047795	Drill Core	0.2	89.2	2.4
1047796	Drill Core	0.1	77.1	2.2
1047797	Drill Core	0.2	77.8	2.1
1047798	Drill Core	<0.1	76.1	2.2
1047799	Drill Core	<0.1	63.1	1.9
1047800	Drill Core	1.9	45.2	0.5
1047801	Drill Core	2.0	56.3	0.5
1047802	Drill Core	3.1	59.8	0.5
1047803	Drill Core	1.8	49.5	0.5
1047804	Drill Core	2.3	64.6	0.6
1047805	Drill Core	2.1	62.7	0.6
1047806	Drill Core	2.6	56.7	0.6
1047807	Drill Core	1.9	50.7	0.6
1047808	Drill Core	2.0	54.5	0.5
1047809	Drill Core	2.2	68.6	0.5
1047810	Drill Core	3.0	80.0	0.5
1047811	Drill Core	2.2	65.5	0.5
1047812	Drill Core	2.0	57.0	0.6
1047813	Drill Core	2.3	57.3	0.5
1047814	Drill Core	1.1	63.7	0.6
1047815	Drill Core	2.1	117.9	0.5



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QUALITY CONTROL REPORT

SMI11000755.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	
Pulp Duplicates																						
1047760	Drill Core	4.76	0.006	4.1	232.4	9.7	40	0.6	9.5	7.3	402	2.15	2	3.1	<0.1	7.9	550	<0.1	0.6	<0.1	59	
REP 1047760	QC	0.007																				
1047787	Drill Core	7.42	0.022	23.2	736.7	189.4	537	2.2	4.5	7.9	886	2.47	32	1.9	<0.1	4.8	378	3.0	6.9	0.4	48	
REP 1047787	QC			25.9	787.6	190.5	553	2.4	4.8	8.7	919	2.61	35	2.2	<0.1	5.5	398	3.1	7.1	0.4	48	
1047794	Drill Core	2.17	<0.005	4.9	65.4	350.9	832	3.4	2.4	2.8	1389	1.38	32	8.3	<0.1	12.6	355	5.2	20.0	3.5	19	
REP 1047794	QC	0.006																				
Core Reject Duplicates																						
1047764	Drill Core	5.72	0.010	1.9	65.3	47.4	120	0.4	4.2	6.1	1272	2.43	15	3.9	<0.1	8.1	335	0.2	2.7	0.3	40	
DUP 1047764	QC			0.010	2.2	67.2	43.7	123	0.4	5.0	5.6	1293	2.33	17	3.9	<0.1	8.2	338	0.2	2.7	0.4	41
1047799	Drill Core	3.21	<0.005	1.0	13.5	53.6	189	0.2	4.2	5.0	1275	2.31	5	1.9	<0.1	5.4	554	0.5	3.8	<0.1	40	
DUP 1047799	QC			<0.005	0.9	12.2	51.5	187	0.1	4.8	5.2	1343	2.17	5	2.1	<0.1	5.4	547	0.5	3.8	<0.1	40
Reference Materials																						
STD OREAS24P	Standard			1.2	52.5	2.8	115	<0.1	139.2	46.0	1026	7.33	5	0.7	<0.1	2.8	388	<0.1	<0.1	<0.1	149	
STD OREAS24P	Standard			1.6	48.3	3.0	110	<0.1	137.6	44.1	1076	7.53	<1	0.8	<0.1	3.3	379	<0.1	0.1	<0.1	154	
STD OREAS24P	Standard			1.5	51.8	2.9	110	<0.1	159.5	51.5	1106	8.31	3	0.8	<0.1	3.2	390	<0.1	0.1	<0.1	168	
STD OREAS45C	Standard			2.5	626.8	24.7	89	0.2	323.3	101.0	1016	17.62	12	2.2	<0.1	10.5	38	0.2	0.8	0.2	254	
STD OREAS45C	Standard			2.3	611.6	28.9	87	0.4	342.0	102.8	1201	19.77	12	2.8	<0.1	13.1	39	0.2	0.9	0.3	270	
STD OREAS45C	Standard			2.4	642.1	26.9	77	0.4	353.7	108.9	1182	19.93	13	2.5	<0.1	11.9	44	0.2	0.9	0.4	269	
STD OXH82	Standard	1.313																				
STD OXH82	Standard	1.309																				
STD OXK79	Standard	3.629																				
STD OXK79	Standard	3.641																				
STD OXH82 Expected		1.278																				
STD OXK79 Expected		3.532																				
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75	2.85		403	0.15	0.09	158		
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	
BLK	Blank	<0.005																				



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QUALITY CONTROL REPORT

SMI11000755.1

		Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
Pulp Duplicates																				
1047760	Drill Core		3.10	0.085	20.3	13	0.84	1053	0.262	7.17	0.446	2.74	1.6	69.1	38	0.7	8.0	7.9	0.6	1
REP 1047760	QC																			
1047787	Drill Core		2.32	0.108	10.1	7	0.66	227	0.113	6.86	1.704	2.70	0.6	39.0	24	1.1	8.5	4.7	0.3	1
REP 1047787	QC		2.39	0.114	11.9	8	0.66	321	0.115	7.39	1.765	2.76	0.6	40.5	26	1.1	9.5	4.7	0.3	2
1047794	Drill Core		1.64	0.043	9.7	4	0.25	834	0.097	7.03	0.234	4.05	1.3	60.0	21	0.8	9.4	12.8	1.1	1
REP 1047794	QC																			
Core Reject Duplicates																				
1047764	Drill Core		2.81	0.089	22.8	6	0.78	1107	0.182	7.53	0.666	3.29	2.0	59.8	45	0.7	12.1	9.2	0.7	2
DUP 1047764	QC		2.86	0.091	23.6	6	0.79	1103	0.191	7.64	0.675	3.33	1.1	59.6	45	0.7	12.2	9.4	0.7	2
1047799	Drill Core		2.93	0.093	12.8	6	0.54	1129	0.182	6.28	0.647	1.96	1.2	60.2	29	0.5	9.8	8.8	0.6	1
DUP 1047799	QC		3.03	0.091	13.6	5	0.56	1181	0.182	6.38	0.691	2.08	0.8	59.3	31	0.6	9.7	8.8	0.7	2
Reference Materials																				
STD OREAS24P	Standard		5.59	0.125	18.1	190	3.96	274	1.076	7.53	2.397	0.64	0.4	130.5	37	1.6	22.6	19.2	1.1	<1
STD OREAS24P	Standard		5.73	0.132	18.9	201	4.02	284	0.998	7.97	2.290	0.66	0.4	133.1	38	1.5	23.7	19.1	1.1	1
STD OREAS24P	Standard		5.79	0.136	20.2	209	4.37	285	1.113	7.81	2.797	0.68	0.4	136.9	39	1.6	23.4	19.4	1.1	1
STD OREAS45C	Standard		0.47	0.048	25.4	949	0.23	273	1.250	7.39	0.098	0.33	1.0	162.9	50	2.9	13.1	22.3	1.4	<1
STD OREAS45C	Standard		0.48	0.055	28.6	977	0.27	308	1.209	7.80	0.102	0.38	1.2	175.3	58	3.2	15.0	24.4	1.5	<1
STD OREAS45C	Standard		0.52	0.053	28.1	953	0.30	285	1.248	7.41	0.105	0.36	1.0	171.0	55	2.8	14.1	23.0	1.5	<1
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXH82 Expected																				
STD OXK79 Expected																				
STD OREAS24P Expected			5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20
STD OREAS45C Expected			0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03
BLK	Blank		<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
BLK	Blank																			



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
1047760	Drill Core	<0.1	80.0	2.2
REP 1047760	QC			
1047787	Drill Core	0.9	96.0	1.4
REP 1047787	QC	0.9	103.4	1.3
1047794	Drill Core	0.2	149.4	2.5
REP 1047794	QC			
Core Reject Duplicates				
1047764	Drill Core	0.2	127.9	2.2
DUP 1047764	QC	0.2	126.2	2.1
1047799	Drill Core	<0.1	63.1	1.9
DUP 1047799	QC	<0.1	64.6	2.0
Reference Materials				
STD OREAS24P	Standard	<0.1	21.6	3.2
STD OREAS24P	Standard	<0.1	20.9	3.5
STD OREAS24P	Standard	<0.1	22.5	3.4
STD OREAS45C	Standard	<0.1	23.1	4.0
STD OREAS45C	Standard	<0.1	25.3	4.7
STD OREAS45C	Standard	<0.1	25.2	4.5
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000755.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.3	2.4	21.0	51	<0.1	4.3	5.9	757	2.56	1	3.3	<0.1	10.3	773	<0.1	0.2	<0.1	51
G1	Prep Blank	<0.005	0.5	3.1	20.7	52	<0.1	4.5	5.3	814	2.56	1	3.2	<0.1	10.8	770	<0.1	0.1	<0.1	53



Acme Analytical Laboratories (Vancouver) Ltd.

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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 29, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

SMI11000755.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.60	0.081	32.7	10	0.65	1206	0.293	8.77	3.236	3.51	4.8	11.5	67	1.4	17.1	24.4	1.4	3	6	33.1
G1	Prep Blank	2.62	0.082	31.1	11	0.66	1144	0.303	8.53	3.205	3.51	0.2	12.1	64	1.4	17.4	26.2	1.4	3	6	37.2



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Page: 2 of 2 **Part** 3

QUALITY CONTROL REPORT

SMI11000755.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	132.0	0.6
G1	Prep Blank	<0.1	134.9	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: January 04, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000756.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_109_
P.O. Number
Number of Samples: 124

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	118	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	124	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	124	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 04, 2012

Page: 2 of 6 Part 1

CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125490	Drill Core	7.73	0.155	5.2	3903	13.9	67	1.3	26.4	11.7	433	5.55	5	0.5	<0.1	4.6	310	0.1	0.5	0.5
125491	Drill Core	3.42	0.110	8.1	2684	17.3	64	0.8	12.0	9.9	264	5.36	5	0.6	0.1	4.3	537	0.1	0.4	0.3
125492	Drill Core	2.56	0.008	5.7	225.9	12.5	50	0.2	112.6	18.2	126	4.79	5	0.9	<0.1	3.5	104	0.2	0.4	0.4
125493	Drill Core	8.13	0.006	4.8	144.5	6.8	28	<0.1	85.8	17.0	50	4.52	3	1.0	<0.1	3.8	128	0.2	0.2	0.3
125494	Drill Core	7.15	<0.005	6.9	69.3	8.7	30	0.1	94.2	18.5	46	4.75	4	0.8	<0.1	2.7	106	0.1	0.3	0.3
125495	Drill Core	2.84	0.026	8.8	452.5	16.2	87	0.2	96.7	19.8	142	5.31	4	0.9	<0.1	3.4	180	0.5	0.7	0.4
125496	Drill Core	5.81	0.016	7.1	330.9	61.9	231	0.6	42.1	15.3	718	5.22	5	1.3	<0.1	4.0	210	1.4	0.9	0.4
125497	Drill Core	5.95	0.021	12.1	479.0	13.7	48	0.2	71.8	19.6	185	4.25	4	0.9	<0.1	2.6	119	0.3	0.3	0.2
125498	Drill Core	7.17	0.016	13.3	426.2	71.6	215	0.7	23.1	11.7	927	3.68	4	1.9	<0.1	4.3	341	1.3	0.8	0.3
125499	Rock	0.76	<0.005	0.1	2.5	1.1	12	<0.1	0.9	0.6	198	0.38	2	0.3	<0.1	<0.1	34	0.1	<0.1	<0.1
125500	Drill Core	7.17	0.017	17.8	320.2	189.1	425	2.4	31.6	14.6	703	4.40	5	1.6	<0.1	4.2	284	2.6	3.5	0.4
125501	Drill Core	8.74	0.010	19.9	212.3	49.2	288	0.7	71.5	26.5	161	5.93	4	1.2	<0.1	3.6	135	1.7	0.9	0.3
125502	Drill Core	7.30	0.009	29.2	282.1	12.8	35	0.2	91.4	18.8	95	4.27	4	1.0	<0.1	3.4	130	0.1	0.3	0.2
125503	Drill Core	7.49	0.008	30.5	233.4	8.6	27	0.1	91.3	22.4	102	4.63	3	0.8	<0.1	2.8	130	0.1	0.5	0.3
125504	Drill Core	6.62	0.017	13.7	475.0	69.6	170	0.7	108.5	26.9	367	4.82	2	0.6	<0.1	2.2	143	0.7	0.5	0.2
125505	Drill Core	5.68	0.010	18.7	282.6	43.9	119	0.7	120.5	23.0	456	5.60	4	0.9	<0.1	3.0	117	0.5	0.4	0.2
125506	Drill Core	7.75	0.018	17.6	527.0	21.4	89	0.5	116.7	24.2	308	5.52	4	1.0	<0.1	3.1	117	0.3	0.4	0.2
125507	Drill Core	7.20	0.013	15.4	348.6	40.0	128	0.5	86.3	20.7	357	4.71	6	1.6	<0.1	5.4	278	0.5	0.6	0.3
125508	Rock Pulp	0.16	0.425	140.6	3810	27.0	67	2.4	39.3	20.9	421	4.75	44	1.2	0.5	2.9	233	0.3	3.6	0.5
125509	Drill Core	7.69	0.033	11.6	758.5	6.0	26	0.1	96.2	21.0	209	5.62	3	1.1	<0.1	3.7	113	<0.1	0.2	0.1
125510	Drill Core	6.97	0.016	12.8	485.5	13.4	47	0.3	99.4	20.6	246	5.47	5	1.0	<0.1	3.7	103	0.1	0.4	0.2
125511	Drill Core	7.70	0.017	14.5	464.3	17.3	45	0.2	95.7	21.7	253	5.64	2	1.0	<0.1	3.8	106	0.1	0.4	0.2
125512	Rock	0.47	<0.005	0.2	4.1	0.9	11	<0.1	2.1	0.7	190	0.37	<1	0.6	<0.1	<0.1	38	<0.1	<0.1	<0.1
125513	Drill Core	7.34	0.021	12.4	578.8	14.4	61	0.2	115.8	21.6	479	5.46	5	0.9	<0.1	3.0	169	0.1	0.4	0.2
125514	Drill Core	7.25	0.014	10.1	412.7	8.5	35	0.1	92.3	22.7	308	6.02	3	1.0	<0.1	4.1	237	0.1	0.4	0.2
125515	Drill Core	7.79	0.015	25.3	472.0	167.4	138	6.4	78.0	19.5	228	4.82	7	1.0	<0.1	3.7	386	0.9	29.5	0.2
125516	Drill Core	8.48	0.026	18.9	808.0	10.5	38	0.3	77.4	20.5	188	5.47	2	0.9	<0.1	3.6	319	<0.1	0.5	0.2
125517	Drill Core	3.55	0.018	8.2	576.5	5.8	26	0.1	61.5	14.5	186	4.15	1	1.0	<0.1	3.8	276	<0.1	0.3	0.3
125518	Drill Core	1.73	0.021	8.2	638.8	5.6	26	0.1	66.3	14.9	191	4.56	2	1.1	<0.1	3.8	276	<0.1	0.2	0.3
125519	Drill Core	6.83	0.028	13.2	1020	18.6	75	0.3	56.6	24.5	341	5.05	4	0.8	<0.1	3.4	215	0.3	1.1	0.3



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Project: Poplar Drilling
Report Date: January 04, 2012

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125490	Drill Core	1.29	0.073	7.8	47	0.91	29	0.134	6.28	1.187	2.91	0.3	8.5	17	1.7	5.7	3.1	0.2	<1	8
125491	Drill Core	1.68	0.112	7.9	10	0.85	36	0.125	6.50	1.618	2.91	<0.1	12.6	18	1.2	7.2	3.6	0.2	<1	5
125492	Drill Core	0.18	0.030	11.9	57	0.26	29	0.079	8.04	0.420	1.43	0.4	21.5	27	2.0	6.2	1.3	<0.1	<1	13
125493	Drill Core	0.43	0.039	14.0	84	0.34	22	0.071	7.66	0.350	1.55	0.3	19.4	31	2.0	6.1	0.9	<0.1	1	12
125494	Drill Core	0.34	0.021	9.4	77	0.25	24	0.072	7.62	0.265	1.27	0.3	17.6	21	1.8	5.0	0.9	<0.1	1	10
125495	Drill Core	0.57	0.044	11.6	87	0.48	17	0.069	7.76	0.615	1.99	0.3	18.1	27	2.4	5.3	0.6	<0.1	1	14
125496	Drill Core	1.72	0.059	15.6	38	0.87	24	0.074	7.25	0.372	2.70	0.5	25.1	33	2.8	6.6	0.9	<0.1	<1	11
125497	Drill Core	0.86	0.064	12.1	154	0.52	26	0.086	7.59	0.346	3.06	0.3	12.9	27	2.7	4.9	0.5	<0.1	<1	13
125498	Drill Core	2.77	0.104	18.1	20	1.01	43	0.082	7.35	0.268	2.40	0.3	35.6	37	2.0	7.3	1.2	0.1	1	8
125499	Rock	21.00	0.013	0.4	<1	11.31	14	0.001	0.05	0.002	0.02	<0.1	0.3	<1	<0.1	0.5	<0.1	<0.1	<1	<1
125500	Drill Core	2.14	0.114	16.9	29	0.65	28	0.080	7.49	0.186	2.55	0.3	34.0	38	2.3	7.0	1.0	<0.1	<1	9
125501	Drill Core	0.61	0.033	16.2	62	0.37	18	0.098	8.11	0.662	2.89	0.4	23.0	38	2.3	6.6	1.0	<0.1	1	13
125502	Drill Core	0.45	0.028	14.3	101	0.36	24	0.099	8.17	0.668	2.56	0.3	20.6	33	2.3	5.9	1.1	<0.1	1	15
125503	Drill Core	0.81	0.048	12.4	72	0.66	19	0.073	7.37	0.409	2.50	0.4	15.0	30	2.5	6.1	0.7	<0.1	1	13
125504	Drill Core	1.87	0.060	11.5	117	1.01	27	0.054	7.15	0.422	1.80	0.3	9.3	23	2.0	4.1	0.3	<0.1	1	12
125505	Drill Core	1.74	0.064	14.7	87	1.01	25	0.071	7.66	0.405	2.25	0.2	14.0	32	1.9	5.3	0.4	<0.1	1	15
125506	Drill Core	1.62	0.066	15.0	78	0.86	25	0.086	7.85	0.367	2.30	0.3	12.2	33	1.8	5.1	0.6	<0.1	<1	16
125507	Drill Core	1.04	0.109	19.6	64	0.82	37	0.107	8.70	0.345	2.78	0.4	16.0	42	2.4	7.3	1.1	<0.1	1	17
125508	Rock Pulp	0.45	0.106	17.9	60	1.06	101	0.226	7.45	1.484	5.43	10.7	24.6	33	2.3	11.4	2.3	0.1	1	16
125509	Drill Core	0.68	0.090	14.9	65	0.94	33	0.117	8.14	0.519	2.34	0.5	11.9	33	1.9	6.6	1.0	<0.1	2	19
125510	Drill Core	0.79	0.037	13.6	57	0.94	23	0.105	7.78	0.629	2.71	0.5	10.6	33	1.8	5.2	1.2	<0.1	1	17
125511	Drill Core	0.88	0.076	15.7	51	0.98	26	0.093	8.10	0.626	2.76	0.4	10.0	35	2.0	6.0	1.0	<0.1	1	16
125512	Rock	20.65	0.018	0.5	<1	11.07	26	0.002	0.06	0.004	0.02	<0.1	0.3	<1	0.1	0.6	0.1	<0.1	<1	<1
125513	Drill Core	0.87	0.055	13.4	73	1.09	24	0.098	8.05	0.475	2.84	0.3	12.6	32	1.9	5.0	0.7	<0.1	1	17
125514	Drill Core	1.43	0.062	15.3	56	1.20	23	0.083	7.54	0.841	2.22	0.2	15.0	33	1.4	5.6	0.8	<0.1	1	14
125515	Drill Core	1.82	0.065	14.8	98	1.04	32	0.101	7.34	1.025	1.91	0.3	19.5	32	1.9	6.5	1.2	<0.1	1	14
125516	Drill Core	1.24	0.059	14.0	58	1.11	27	0.074	7.88	1.358	2.20	0.2	15.9	32	1.6	5.6	0.7	<0.1	1	14
125517	Drill Core	0.92	0.043	16.5	79	1.11	28	0.093	8.05	1.305	2.69	0.3	15.5	38	2.1	5.8	0.7	<0.1	2	15
125518	Drill Core	0.91	0.044	15.1	73	1.07	26	0.095	7.81	1.230	2.84	0.6	15.4	36	2.1	5.3	0.8	<0.1	1	16
125519	Drill Core	1.98	0.054	8.8	63	0.97	31	0.047	5.61	0.357	1.68	0.3	18.1	19	1.7	5.3	0.5	<0.1	<1	9



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Project: Poplar Drilling
Report Date: January 04, 2012

Page: 2 of 6 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125490	Drill Core	3.9	80.9	0.3
125491	Drill Core	3.5	76.2	0.4
125492	Drill Core	5.0	39.1	0.7
125493	Drill Core	4.9	36.6	0.6
125494	Drill Core	5.3	30.6	0.5
125495	Drill Core	5.6	56.6	0.5
125496	Drill Core	5.4	80.9	0.8
125497	Drill Core	4.2	78.7	0.4
125498	Drill Core	3.4	75.4	1.1
125499	Rock	<0.1	0.7	<0.1
125500	Drill Core	4.8	78.7	1.0
125501	Drill Core	6.1	65.6	0.6
125502	Drill Core	4.3	55.3	0.6
125503	Drill Core	4.9	57.3	0.4
125504	Drill Core	4.7	54.9	0.3
125505	Drill Core	4.9	61.5	0.4
125506	Drill Core	5.1	63.9	0.4
125507	Drill Core	3.8	75.6	0.5
125508	Rock Pulp	2.2	157.0	0.8
125509	Drill Core	3.7	51.0	0.3
125510	Drill Core	4.4	60.4	0.3
125511	Drill Core	4.6	64.3	0.3
125512	Rock	<0.1	1.0	<0.1
125513	Drill Core	4.3	74.6	0.4
125514	Drill Core	5.3	60.9	0.4
125515	Drill Core	4.9	56.4	0.6
125516	Drill Core	5.1	60.1	0.4
125517	Drill Core	3.6	68.1	0.5
125518	Drill Core	4.0	69.6	0.5
125519	Drill Core	5.7	53.4	0.4



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Project: Poplar Drilling
Report Date: January 04, 2012

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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125520	Drill Core	7.54	0.009	21.5	422.9	18.8	73	0.5	55.9	17.7	284	4.04	4	1.0	<0.1	4.0	111	0.3	0.9	0.3
125521	Drill Core	4.62	0.017	22.7	542.8	7.2	31	0.4	82.6	27.7	350	5.84	2	0.9	<0.1	3.8	128	<0.1	0.6	0.6
125522	Drill Core	4.57	0.016	10.4	620.8	7.7	52	0.2	64.7	20.0	221	4.88	1	1.0	<0.1	4.2	205	0.2	0.6	0.2
125523	Rock Pulp	0.15	0.449	144.3	3668	24.4	66	2.4	37.6	21.1	410	4.55	36	1.1	0.4	2.9	244	0.3	3.5	0.4
125524	Drill Core	5.40	0.022	20.7	773.5	4.6	27	0.2	80.7	23.3	290	5.10	1	0.9	<0.1	4.1	298	<0.1	0.4	0.2
125525	Drill Core	7.18	0.019	13.5	664.0	23.1	56	3.0	79.0	21.8	634	4.53	4	1.4	<0.1	5.8	293	0.3	1.5	0.2
125526	Drill Core	7.43	0.042	16.1	927.9	460.3	599	34.9	71.3	24.6	1732	5.42	20	1.3	<0.1	5.0	254	4.4	38.1	0.3
125527	Drill Core	3.82	0.029	32.7	1020	18.1	59	0.5	63.5	26.3	708	4.38	1	1.3	<0.1	5.6	197	0.2	0.9	0.3
125528	Rock	0.51	<0.005	0.3	5.1	3.4	17	0.2	1.4	1.3	278	0.56	<1	0.4	<0.1	<0.1	42	<0.1	0.2	<0.1
125529	Drill Core	7.08	0.011	18.5	769.8	20.7	45	0.3	57.3	17.7	483	3.51	2	1.0	<0.1	4.9	230	0.2	1.6	0.3
125530	Drill Core	7.53	0.036	31.2	1151	19.8	51	0.4	61.8	24.9	561	4.00	<1	0.9	<0.1	4.8	178	0.1	0.8	0.2
125531	Drill Core	7.92	0.038	20.2	1118	30.7	104	0.8	56.3	24.8	512	4.68	2	1.0	<0.1	4.5	450	0.4	0.4	0.2
125532	Drill Core	7.93	0.030	40.2	1081	9.0	34	0.3	60.2	21.6	231	4.73	<1	1.1	<0.1	5.0	386	<0.1	0.2	0.2
125533	Drill Core	7.16	0.045	37.8	1518	133.3	312	1.2	78.9	25.1	1021	5.37	2	1.3	<0.1	6.1	518	1.2	2.0	0.6
125534	Drill Core	7.84	0.032	59.9	1346	7.4	28	0.3	78.6	28.8	267	5.49	<1	1.2	<0.1	6.1	420	<0.1	0.6	0.3
125535	Drill Core	7.36	0.032	38.0	1220	7.3	29	0.2	23.7	23.5	127	4.68	<1	1.0	<0.1	3.7	482	0.1	<0.1	0.2
125536	Drill Core	7.76	0.029	36.2	1004	24.0	81	0.7	17.2	20.0	369	4.33	<1	0.9	<0.1	3.9	523	0.4	0.5	0.2
125537	Drill Core	7.45	0.046	46.4	1514	27.2	72	1.4	24.2	32.7	322	6.15	<1	0.8	<0.1	3.7	364	0.4	1.8	0.3
125538	Drill Core	7.60	0.038	44.5	1220	8.7	28	0.3	20.4	22.4	115	4.54	<1	0.9	<0.1	4.2	403	<0.1	<0.1	0.2
125539	Drill Core	3.25	0.040	33.3	1204	9.1	29	0.2	20.8	23.0	120	4.57	<1	0.9	<0.1	3.7	389	<0.1	<0.1	0.2
125540	Drill Core	7.81	0.030	33.6	884.7	7.2	24	0.2	17.5	19.1	106	3.60	<1	0.9	<0.1	3.9	560	<0.1	<0.1	0.2
125541	Drill Core	6.70	0.032	37.9	1063	20.9	101	0.5	28.3	19.1	492	3.86	<1	0.8	<0.1	3.9	465	0.4	0.4	0.5
125542	Drill Core	6.89	0.036	51.5	1314	10.0	35	0.3	32.4	20.1	253	4.35	1	0.9	<0.1	3.6	287	0.2	0.5	0.4
125543	Drill Core	4.61	0.041	53.1	1329	45.7	423	1.1	41.7	20.9	983	4.50	<1	1.1	<0.1	4.5	180	2.3	1.4	0.4
125544	Drill Core	7.61	0.023	48.7	1101	57.5	306	1.2	73.6	22.3	419	4.80	2	1.2	<0.1	6.2	312	1.6	1.4	0.6
125545	Drill Core	7.52	0.056	32.9	1857	38.8	99	1.1	72.3	24.6	503	5.19	1	0.9	<0.1	4.8	216	0.5	0.8	0.7
125546	Drill Core	2.08	0.049	22.9	845.8	128.6	1271	3.6	42.2	12.5	1344	3.74	5	0.6	<0.1	3.0	199	6.6	7.5	0.4
125547	Rock Pulp	0.10	0.943	24.4	5244	6450	>10000	74.6	49.6	21.2	566	9.64	328	2.1	0.9	2.2	159	211.9	99.7	27.2
125548	Drill Core	8.13	0.040	41.2	1279	94.6	366	2.1	60.8	19.5	846	4.34	3	1.3	<0.1	7.0	312	1.8	1.6	0.7
125549	Drill Core	6.69	0.076	24.3	1754	27.2	128	0.8	20.9	13.9	419	3.69	2	0.9	<0.1	4.6	274	0.7	1.0	0.7



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Project: Poplar Drilling
Report Date: January 04, 2012

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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125520	Drill Core	0.99	0.044	11.9	56	0.77	35	0.075	7.34	0.340	2.72	1.0	18.4	28	3.4	6.2	0.7	<0.1	<1	12
125521	Drill Core	1.64	0.058	16.0	63	1.02	21	0.062	6.48	0.312	1.98	0.4	18.8	35	2.3	6.7	0.6	<0.1	1	12
125522	Drill Core	1.17	0.056	14.1	52	0.93	22	0.084	7.24	0.697	2.51	0.4	18.1	33	1.9	6.3	0.8	<0.1	1	13
125523	Rock Pulp	0.45	0.095	17.5	64	1.01	271	0.219	6.68	1.420	2.95	12.9	25.0	35	1.8	10.4	2.5	0.2	1	16
125524	Drill Core	0.78	0.065	15.9	86	1.36	32	0.100	6.89	0.780	2.25	0.2	18.2	39	1.4	5.5	1.1	<0.1	2	15
125525	Drill Core	1.24	0.061	18.2	103	1.03	49	0.105	9.41	0.464	2.40	0.4	26.5	43	1.5	6.6	1.3	<0.1	2	22
125526	Drill Core	1.85	0.066	15.2	82	1.13	26	0.081	7.34	0.222	2.30	0.4	22.8	39	1.4	7.6	1.2	<0.1	1	15
125527	Drill Core	2.06	0.050	16.2	86	1.12	32	0.077	7.94	0.185	2.27	0.3	27.3	37	1.4	6.4	1.1	<0.1	1	16
125528	Rock	20.61	0.016	0.5	<1	13.12	29	0.002	0.05	0.002	0.02	<0.1	0.2	1	<0.1	0.7	0.1	<0.1	<1	<1
125529	Drill Core	1.31	0.054	16.5	89	0.71	39	0.073	7.17	0.120	2.43	0.4	17.0	38	1.9	5.4	0.8	<0.1	1	13
125530	Drill Core	2.01	0.048	17.7	82	1.01	24	0.070	6.57	0.100	1.88	0.3	19.4	38	1.2	6.7	0.9	<0.1	1	12
125531	Drill Core	2.37	0.090	17.3	65	1.08	30	0.111	6.81	1.392	1.93	0.2	24.2	39	1.3	8.2	1.5	<0.1	1	12
125532	Drill Core	1.87	0.074	19.1	79	1.32	29	0.133	6.59	1.716	1.92	0.2	26.2	42	1.2	7.5	1.8	0.1	1	14
125533	Drill Core	1.56	0.088	23.6	101	1.07	33	0.136	8.64	0.380	2.35	0.4	23.7	54	1.7	7.6	1.6	<0.1	1	20
125534	Drill Core	1.96	0.082	18.9	99	1.20	28	0.129	9.32	1.725	2.20	0.3	27.7	43	1.6	7.6	1.7	<0.1	2	22
125535	Drill Core	2.52	0.094	16.5	27	1.23	24	0.077	6.34	1.788	1.59	0.1	24.9	35	1.1	7.9	1.1	<0.1	1	8
125536	Drill Core	2.93	0.094	17.6	27	1.13	27	0.085	6.15	1.693	1.64	0.2	20.9	39	1.0	8.0	1.2	<0.1	1	8
125537	Drill Core	2.29	0.090	12.0	23	1.17	22	0.058	6.17	1.441	1.60	0.2	20.8	26	1.2	7.5	0.8	<0.1	<1	8
125538	Drill Core	2.33	0.089	16.7	25	1.22	33	0.060	6.05	2.299	1.28	0.1	22.4	36	1.0	8.1	0.9	<0.1	1	8
125539	Drill Core	2.46	0.086	16.3	24	1.17	31	0.060	5.75	2.199	1.26	0.1	21.7	35	1.0	8.0	0.9	<0.1	1	7
125540	Drill Core	2.64	0.090	14.2	28	1.16	40	0.092	5.88	2.317	1.37	0.1	22.0	32	1.0	8.0	1.2	<0.1	1	8
125541	Drill Core	2.82	0.109	13.1	45	1.13	84	0.110	6.78	1.180	1.79	0.2	21.2	29	1.7	7.6	1.1	<0.1	<1	10
125542	Drill Core	2.18	0.117	13.6	30	1.02	62	0.096	6.60	0.996	1.83	0.3	22.2	28	1.6	8.1	1.0	<0.1	1	9
125543	Drill Core	3.91	0.080	22.3	41	1.80	168	0.118	7.59	0.112	1.83	0.6	19.8	48	1.4	9.2	1.6	0.1	1	14
125544	Drill Core	1.47	0.085	19.9	86	1.10	31	0.120	8.25	0.410	2.72	0.5	13.7	45	2.1	7.4	1.3	<0.1	1	20
125545	Drill Core	1.71	0.051	18.0	72	1.12	27	0.099	7.07	0.094	2.36	0.4	10.4	41	2.2	5.8	1.4	<0.1	1	14
125546	Drill Core	5.35	0.030	12.9	42	1.63	24	0.059	4.48	0.055	1.60	0.4	7.7	28	1.3	5.6	1.0	<0.1	1	8
125547	Rock Pulp	1.77	0.045	10.3	34	0.91	9	0.165	3.74	1.318	0.72	1.1	30.7	24	45.1	10.9	4.7	0.2	<1	8
125548	Drill Core	1.98	0.064	22.3	87	1.21	32	0.107	8.63	0.163	2.27	0.6	13.7	48	2.1	6.7	1.4	<0.1	2	18
125549	Drill Core	2.01	0.073	12.8	12	0.82	65	0.072	6.99	1.055	2.11	0.4	20.9	29	2.2	7.3	1.5	<0.1	1	4



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Project: Poplar Drilling
Report Date: January 04, 2012

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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125520	Drill Core	3.9	68.2	0.5
125521	Drill Core	5.7	55.4	0.5
125522	Drill Core	4.4	61.4	0.5
125523	Rock Pulp	1.9	91.9	0.7
125524	Drill Core	3.7	64.7	0.5
125525	Drill Core	3.0	74.9	0.8
125526	Drill Core	3.9	63.5	0.7
125527	Drill Core	3.6	66.5	0.8
125528	Rock	<0.1	0.9	<0.1
125529	Drill Core	3.2	67.3	0.6
125530	Drill Core	3.5	60.8	0.7
125531	Drill Core	4.1	57.7	0.6
125532	Drill Core	3.8	60.7	0.7
125533	Drill Core	4.1	76.5	0.7
125534	Drill Core	4.6	69.2	0.8
125535	Drill Core	5.0	51.1	0.7
125536	Drill Core	4.6	57.5	0.6
125537	Drill Core	6.4	56.6	0.6
125538	Drill Core	4.6	45.0	0.7
125539	Drill Core	4.8	43.9	0.7
125540	Drill Core	4.1	50.6	0.7
125541	Drill Core	4.1	54.6	0.7
125542	Drill Core	4.3	56.7	0.7
125543	Drill Core	3.4	47.4	0.6
125544	Drill Core	4.4	75.0	0.4
125545	Drill Core	4.8	62.1	0.3
125546	Drill Core	4.5	44.8	0.2
125547	Rock Pulp	9.1	20.8	0.9
125548	Drill Core	3.9	71.5	0.4
125549	Drill Core	3.7	59.5	0.6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125550	Drill Core	7.30	0.079	36.7	1589	9.8	34	0.4	9.6	12.1	160	3.31	<1	1.0	<0.1	4.4	505	<0.1	0.4	0.7
125551	Drill Core	8.06	0.100	12.3	2064	7.5	24	0.5	7.2	14.6	153	3.49	<1	0.9	<0.1	4.5	419	<0.1	0.5	0.5
125552	Drill Core	7.39	0.055	15.4	1556	41.1	164	1.0	4.9	9.0	476	3.02	4	1.0	<0.1	5.0	383	1.0	3.4	0.3
125553	Drill Core	7.28	0.045	21.5	1428	7.2	25	0.3	5.5	9.7	110	3.43	2	0.9	<0.1	4.1	409	0.1	0.5	0.3
125554	Rock	0.45	<0.005	0.2	10.2	1.6	14	<0.1	1.2	0.7	272	0.53	<1	0.6	<0.1	<0.1	40	<0.1	<0.1	<0.1
125555	Drill Core	6.51	0.074	13.4	1878	35.5	106	0.9	5.8	7.9	645	2.47	3	1.0	<0.1	5.0	479	0.5	1.9	0.3
125556	Drill Core	7.40	0.083	20.0	1993	115.5	593	2.5	8.3	11.7	1876	3.58	5	0.9	0.1	4.8	394	3.0	3.0	0.3
125557	Drill Core	7.20	0.092	19.4	1867	26.5	88	1.1	7.0	9.4	924	2.97	3	0.9	0.2	5.0	359	0.4	1.6	0.3
125558	Drill Core	3.06	0.096	19.0	1935	50.2	154	1.5	9.6	10.7	1490	3.38	6	0.8	<0.1	4.5	365	0.8	2.9	0.5
125559	Drill Core	7.34	0.064	13.3	2065	33.4	134	1.7	6.7	9.7	800	3.15	3	0.8	<0.1	4.2	420	0.7	1.7	0.4
125560	Drill Core	6.71	0.089	15.1	2303	41.0	174	1.9	6.0	9.7	1151	3.11	4	1.0	<0.1	4.6	295	1.0	2.7	0.3
125561	Drill Core	6.86	0.148	16.0	3174	160.5	404	3.9	7.1	10.0	1774	3.24	22	1.1	0.2	4.4	285	2.4	27.9	0.4
125562	Drill Core	6.81	0.118	9.7	2882	134.6	476	3.5	8.1	9.1	1713	3.42	11	1.1	0.2	4.6	221	2.5	14.2	0.5
125563	Drill Core	7.66	0.143	11.6	3462	223.3	953	5.9	11.7	10.9	3803	3.70	33	1.1	0.2	4.4	463	5.6	37.2	0.5
125564	Drill Core	6.12	0.111	11.5	2983	287.6	863	5.3	14.0	12.4	6380	4.15	6	0.7	<0.1	3.7	295	4.8	5.7	0.3
125565	Rock Pulp	0.15	0.942	160.5	3582	51.9	126	3.9	26.8	20.0	547	4.92	55	1.2	0.9	2.8	244	0.5	8.1	0.6
125566	Drill Core	9.06	0.157	12.8	3487	30.8	153	3.9	15.1	12.7	950	4.51	5	0.5	0.2	3.1	376	0.7	5.0	0.4
125567	Drill Core	7.68	0.146	10.7	3817	50.8	192	3.8	16.3	16.4	685	5.42	46	0.4	0.2	2.6	351	1.1	4.0	0.5
125568	Drill Core	7.01	0.111	17.0	2840	35.6	111	2.1	13.6	13.3	518	4.20	77	0.8	<0.1	3.3	392	0.6	4.5	0.5
125569	Drill Core	3.25	0.172	10.7	3556	30.2	102	4.1	13.3	12.5	803	4.25	3	0.5	0.2	3.4	415	0.5	2.5	0.6
125570	Rock	0.48	<0.005	0.1	21.1	1.5	17	0.1	1.5	0.8	262	0.49	2	0.4	<0.1	<0.1	40	<0.1	0.1	<0.1
125571	Drill Core	6.07	0.130	6.8	3071	63.8	217	4.9	13.7	12.7	1473	4.67	3	0.5	0.1	3.6	450	1.1	5.6	0.5
125572	Drill Core	7.23	0.194	14.1	4857	105.8	271	2.9	16.9	13.7	801	4.32	110	1.1	0.1	3.4	419	1.5	8.0	0.3
125573	Drill Core	4.48	0.138	15.2	3371	38.4	91	4.2	14.3	9.6	322	3.67	7	0.7	0.1	3.4	518	0.6	1.1	0.3
125574	Drill Core	7.56	0.135	12.1	3295	9.6	35	0.9	16.2	10.8	156	3.47	3	0.6	0.1	3.7	479	0.1	0.3	0.4
125575	Drill Core	6.75	0.196	9.5	4836	25.1	58	2.5	28.5	18.4	182	4.90	1	0.4	0.2	3.1	338	0.3	0.5	0.5
125576	Drill Core	4.30	0.197	9.4	4572	70.7	174	1.8	27.3	16.4	264	4.76	3	0.5	0.1	3.1	360	1.1	0.8	0.5
125577	Drill Core	7.15	0.115	12.6	3200	8.8	30	0.8	35.6	10.6	194	3.31	2	0.4	0.1	4.4	371	0.1	0.2	0.2
125578	Drill Core	7.24	0.135	9.5	3715	7.7	30	0.9	40.4	13.5	123	4.02	2	0.4	<0.1	4.4	346	0.1	0.2	0.3
125579	Drill Core	8.35	0.118	11.4	3563	9.6	33	0.9	44.9	13.2	256	4.14	4	0.5	<0.1	5.1	415	0.2	0.3	0.3



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Project: Poplar Drilling
Report Date: January 04, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125550	Drill Core	2.14	0.063	16.2	9	0.70	39	0.066	6.29	0.934	2.12	0.2	23.6	36	1.4	7.3	1.8	0.1	<1	3
125551	Drill Core	2.07	0.063	16.6	9	0.66	29	0.068	6.24	1.401	1.87	0.2	23.1	35	1.2	7.0	2.0	0.1	<1	3
125552	Drill Core	2.25	0.065	21.0	9	0.72	38	0.073	6.57	0.682	2.11	0.4	23.5	43	1.5	7.4	2.1	0.1	<1	4
125553	Drill Core	1.90	0.067	15.5	14	0.58	34	0.066	6.16	1.529	2.39	0.3	22.2	34	1.4	7.0	1.9	0.1	1	3
125554	Rock	19.51	0.016	0.6	<1	12.55	12	0.001	0.09	0.008	0.02	<0.1	0.5	1	0.2	0.8	0.2	<0.1	<1	<1
125555	Drill Core	1.95	0.064	16.3	7	0.52	58	0.080	6.50	1.517	2.30	0.3	23.6	35	1.0	6.9	2.3	0.1	1	4
125556	Drill Core	2.18	0.070	18.1	8	0.63	42	0.077	6.28	0.218	2.20	0.3	19.7	39	1.4	7.4	2.3	0.1	1	4
125557	Drill Core	1.96	0.061	16.4	9	0.63	46	0.085	6.37	1.184	2.31	0.2	20.3	35	1.0	7.7	2.7	0.2	1	4
125558	Drill Core	2.03	0.079	14.1	9	0.64	115	0.107	6.93	1.019	2.76	0.4	21.5	30	1.4	8.7	2.7	0.2	<1	4
125559	Drill Core	1.73	0.079	12.9	10	0.54	80	0.080	6.82	0.858	2.72	0.1	19.8	27	1.9	6.4	1.9	0.1	<1	3
125560	Drill Core	1.80	0.074	13.6	7	0.64	123	0.091	7.12	0.416	2.96	0.2	23.3	29	1.8	6.3	2.3	0.1	1	4
125561	Drill Core	1.59	0.082	12.5	6	0.64	123	0.097	7.28	0.156	3.11	0.2	21.6	27	1.2	7.7	2.4	0.1	2	4
125562	Drill Core	2.41	0.072	13.1	7	0.76	186	0.099	7.30	0.099	2.77	0.3	24.8	26	1.4	7.6	2.9	0.2	2	4
125563	Drill Core	1.77	0.088	13.6	11	0.75	450	0.099	6.47	0.049	2.26	0.5	35.5	28	2.0	7.8	2.7	0.1	2	4
125564	Drill Core	2.35	0.111	13.9	15	0.99	220	0.166	7.21	0.075	2.45	0.7	16.4	31	1.7	9.6	3.2	0.2	<1	8
125565	Rock Pulp	0.43	0.108	15.3	43	0.84	293	0.238	7.27	1.164	3.47	27.3	23.2	31	2.7	12.3	3.3	0.2	2	13
125566	Drill Core	2.59	0.102	11.0	27	0.90	73	0.167	6.47	1.242	2.42	0.4	15.9	27	1.7	9.2	3.3	0.2	<1	7
125567	Drill Core	1.94	0.084	6.5	19	0.73	36	0.111	5.87	1.013	2.15	0.2	10.9	15	1.8	5.8	2.2	0.1	1	6
125568	Drill Core	2.36	0.093	9.3	21	0.89	85	0.129	6.47	0.849	2.08	0.2	15.0	22	1.6	7.9	2.6	0.1	<1	6
125569	Drill Core	2.59	0.090	8.6	21	0.82	93	0.153	6.50	1.618	2.19	0.2	11.9	21	1.5	8.9	3.3	0.2	1	7
125570	Rock	22.21	0.016	0.5	<1	11.75	20	0.003	0.08	0.006	0.03	<0.1	0.3	1	<0.1	0.8	0.1	<0.1	<1	<1
125571	Drill Core	2.51	0.105	9.5	24	0.94	82	0.192	6.90	1.773	2.31	0.2	11.4	22	1.6	9.3	4.1	0.3	<1	7
125572	Drill Core	2.32	0.100	12.1	22	0.99	98	0.143	6.69	0.213	2.21	0.3	14.5	27	1.8	8.9	3.1	0.2	<1	7
125573	Drill Core	2.25	0.086	9.3	14	0.76	137	0.077	6.56	0.504	2.52	0.2	17.0	21	2.3	7.2	1.3	<0.1	<1	7
125574	Drill Core	2.60	0.103	10.4	26	0.91	97	0.154	6.80	2.095	1.95	0.1	18.6	24	1.3	9.7	3.4	0.2	<1	7
125575	Drill Core	2.08	0.087	7.9	20	0.70	42	0.129	6.07	1.528	2.04	0.2	12.2	18	2.2	7.6	2.3	0.2	<1	7
125576	Drill Core	2.26	0.094	8.5	23	0.70	47	0.128	6.28	1.441	2.12	0.2	13.0	19	2.3	8.1	2.4	0.1	1	7
125577	Drill Core	1.68	0.051	9.6	99	1.03	103	0.183	6.28	1.938	2.67	0.1	7.4	21	1.5	6.7	3.4	0.2	1	12
125578	Drill Core	1.55	0.047	8.8	101	0.86	45	0.159	5.85	1.324	2.57	0.2	6.6	19	2.0	5.9	2.9	0.2	<1	10
125579	Drill Core	1.12	0.072	12.1	87	0.97	52	0.166	6.19	0.922	2.87	0.1	7.6	27	1.8	7.3	2.9	0.2	2	12



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125550	Drill Core	3.5	53.0	0.7
125551	Drill Core	3.6	52.3	0.6
125552	Drill Core	3.2	63.4	0.6
125553	Drill Core	4.0	50.6	0.6
125554	Rock	<0.1	0.5	<0.1
125555	Drill Core	2.5	62.0	0.6
125556	Drill Core	3.5	80.5	0.5
125557	Drill Core	2.9	73.1	0.6
125558	Drill Core	3.3	69.6	0.5
125559	Drill Core	3.3	61.0	0.5
125560	Drill Core	2.8	65.8	0.6
125561	Drill Core	2.6	74.1	0.5
125562	Drill Core	2.8	72.3	0.7
125563	Drill Core	2.7	89.7	0.5
125564	Drill Core	2.9	83.7	0.4
125565	Rock Pulp	2.6	117.1	0.7
125566	Drill Core	4.7	70.9	0.4
125567	Drill Core	5.8	64.5	0.3
125568	Drill Core	4.0	63.2	0.4
125569	Drill Core	4.6	71.4	0.3
125570	Rock	<0.1	1.1	<0.1
125571	Drill Core	4.2	76.2	0.3
125572	Drill Core	3.4	72.5	0.5
125573	Drill Core	4.2	70.2	0.7
125574	Drill Core	3.5	54.1	0.5
125575	Drill Core	5.4	53.7	0.3
125576	Drill Core	5.3	56.1	1.2
125577	Drill Core	2.8	67.0	0.2
125578	Drill Core	4.0	63.8	0.2
125579	Drill Core	3.3	69.2	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125580	Drill Core	6.80	0.184	7.4	4887	43.9	133	2.1	40.0	14.9	975	5.24	5	0.4	0.1	4.8	359	0.6	1.8	0.6
125581	Drill Core	7.13	0.148	8.3	4094	52.6	167	2.1	37.9	12.4	1100	3.82	6	0.4	0.2	5.2	371	0.8	2.6	0.3
125582	Drill Core	6.30	0.149	9.8	4021	109.4	350	3.4	42.6	12.4	1480	4.11	15	0.5	0.3	5.6	367	1.7	1.7	0.4
125583	Drill Core	7.67	0.138	4.6	4034	7.6	36	1.1	37.4	13.3	154	4.34	3	0.4	0.1	4.7	376	<0.1	0.3	0.3
125584	Drill Core	6.74	0.151	3.0	4200	40.7	129	1.6	37.2	10.7	232	3.82	2	0.3	0.1	4.2	294	0.8	0.4	0.4
125585	Rock Pulp	0.12	0.923	22.5	5209	6231	>10000	71.5	47.8	19.5	593	9.24	409	2.2	0.8	2.4	169	222.3	115.8	25.7
125586	Drill Core	6.31	0.237	3.4	5645	8.1	40	1.4	46.0	13.0	130	4.27	2	0.3	0.2	4.5	278	0.1	0.1	0.3
125587	Drill Core	6.48	0.190	3.3	5108	6.2	35	1.4	39.5	11.7	180	5.02	2	0.3	0.2	4.6	274	0.1	0.2	0.2
125588	Drill Core	7.09	0.253	10.4	5756	57.8	172	2.1	41.8	16.4	533	6.95	10	0.3	0.3	3.6	194	0.8	0.4	0.6
125589	Drill Core	7.45	0.212	2.3	4633	15.0	39	1.5	31.2	14.9	339	4.62	2	0.2	0.1	4.0	234	0.2	0.3	0.2
125590	Drill Core	1.99	0.274	1.3	4479	7.4	39	1.2	23.6	12.3	253	4.30	2	0.3	0.3	3.0	390	<0.1	0.2	0.3
125591	Drill Core	1.96	<0.005	2.3	36.2	16.6	80	0.3	22.0	12.0	796	4.14	18	1.4	<0.1	2.9	404	0.2	1.5	0.2
125592	Drill Core	3.79	<0.005	1.1	156.4	9.8	22	0.2	79.5	19.4	64	3.88	2	1.4	<0.1	3.0	202	<0.1	0.7	0.1
125593	Drill Core	3.16	<0.005	3.7	27.1	37.3	74	0.4	16.6	16.4	201	4.04	2	1.9	<0.1	4.8	208	0.5	0.9	0.3
125594	Rock	0.54	<0.005	0.1	1.3	2.2	13	0.1	3.4	1.0	236	0.47	<1	0.3	<0.1	<0.1	34	0.1	<0.1	<0.1
125595	Drill Core	6.56	<0.005	3.4	25.3	35.8	134	0.5	10.0	8.8	341	4.77	2	1.7	<0.1	4.9	279	0.6	1.4	0.4
125596	Drill Core	5.59	<0.005	2.4	31.4	8.7	31	0.2	7.6	10.9	175	5.17	1	1.9	<0.1	4.9	181	<0.1	0.5	0.3
125597	Drill Core	7.20	<0.005	1.9	26.8	6.4	26	<0.1	5.8	6.6	118	4.19	<1	1.9	<0.1	5.3	440	<0.1	0.4	0.3
125598	Drill Core	7.39	<0.005	4.0	32.7	6.5	23	<0.1	6.6	7.8	80	4.76	<1	1.8	<0.1	4.6	377	<0.1	0.4	0.3
125599	Drill Core	3.63	<0.005	5.4	25.2	6.0	23	<0.1	5.4	8.5	97	4.69	<1	2.0	<0.1	5.2	414	0.1	0.7	0.3
125600	Drill Core	7.72	<0.005	1.9	21.0	9.7	40	<0.1	6.1	8.7	97	4.01	<1	2.0	<0.1	4.8	473	0.2	<0.1	0.1
125601	Drill Core	7.80	<0.005	2.7	15.1	6.4	27	<0.1	5.5	10.9	74	4.11	<1	2.0	<0.1	4.6	590	<0.1	<0.1	0.1
125602	Drill Core	7.52	<0.005	3.3	19.1	5.9	22	<0.1	6.0	12.7	100	4.16	<1	2.2	<0.1	5.1	525	0.1	0.2	0.2
125603	Drill Core	7.51	<0.005	2.1	67.0	10.4	41	0.1	7.0	12.1	216	3.57	2	2.7	<0.1	6.0	582	0.2	0.9	0.2
125604	Drill Core	7.62	<0.005	4.8	37.4	7.0	30	<0.1	19.6	11.8	179	3.97	1	2.3	<0.1	6.0	382	0.1	0.3	0.3
125605	Drill Core	7.88	0.016	5.8	84.9	208.8	1133	0.9	17.1	10.0	621	3.92	3	1.9	<0.1	5.4	372	5.2	1.7	0.5
125606	Rock Pulp	0.15	0.446	139.5	3754	24.7	64	2.4	39.6	21.9	427	4.77	45	1.1	0.4	3.0	255	0.3	3.6	0.4
125607	Drill Core	7.96	<0.005	4.1	18.6	20.0	64	0.1	10.8	8.1	158	3.30	2	2.1	<0.1	5.5	389	0.3	0.3	0.2
125608	Drill Core	8.31	<0.005	3.6	18.5	9.8	37	<0.1	9.2	7.5	139	3.30	2	2.7	<0.1	6.1	525	0.2	0.5	0.2
125609	Drill Core	7.15	<0.005	1.0	19.3	17.3	63	0.1	12.2	7.8	528	2.45	6	3.1	<0.1	6.0	740	0.1	0.9	0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125580	Drill Core	1.18	0.044	9.0	80	0.92	69	0.156	6.14	0.675	2.84	0.4	6.3	19	1.7	5.1	3.2	0.2	1	11
125581	Drill Core	1.61	0.064	9.5	66	1.03	82	0.175	6.47	0.626	2.94	0.3	6.8	21	1.3	6.3	3.7	0.2	<1	11
125582	Drill Core	1.62	0.046	11.2	82	0.92	173	0.163	6.25	0.395	3.18	0.3	7.7	24	1.6	5.1	3.3	0.2	2	12
125583	Drill Core	1.52	0.055	8.9	77	0.90	60	0.158	6.09	1.451	2.67	<0.1	7.6	19	1.7	5.6	3.1	0.2	1	10
125584	Drill Core	1.37	0.034	7.5	89	0.78	45	0.139	5.70	1.268	2.38	0.2	4.9	16	2.0	4.0	2.8	0.1	<1	10
125585	Rock Pulp	1.89	0.048	11.0	40	0.90	250	0.181	3.90	1.271	0.75	1.2	33.6	24	51.7	11.8	4.5	0.2	<1	8
125586	Drill Core	1.00	0.041	7.7	81	0.88	56	0.173	5.84	1.538	3.25	1.6	5.0	18	1.7	4.8	3.7	0.2	1	11
125587	Drill Core	1.15	0.035	6.9	89	0.94	93	0.193	5.82	2.102	1.98	<0.1	5.8	14	1.3	4.9	4.5	0.3	<1	11
125588	Drill Core	1.50	0.037	6.0	78	0.81	83	0.126	5.61	1.668	1.56	0.5	6.0	14	1.8	5.5	3.0	0.2	1	9
125589	Drill Core	1.26	0.038	5.7	93	0.87	63	0.177	5.13	1.697	1.67	<0.1	5.0	12	1.1	5.0	4.3	0.2	<1	9
125590	Drill Core	1.65	0.052	6.0	58	1.01	84	0.220	6.14	1.890	2.03	0.2	7.1	13	1.2	6.5	5.3	0.3	2	9
125591	Drill Core	2.57	0.091	9.9	39	0.57	198	0.235	7.53	1.686	2.10	1.4	63.9	23	2.8	14.2	3.9	0.3	<1	11
125592	Drill Core	0.29	0.141	10.8	84	0.58	55	0.131	7.52	0.289	2.67	7.7	33.7	27	3.0	8.1	1.6	<0.1	3	14
125593	Drill Core	0.97	0.126	18.5	17	0.49	38	0.072	8.54	0.621	2.19	0.8	49.5	39	2.9	8.3	1.2	<0.1	1	9
125594	Rock	20.06	0.025	0.6	1	11.63	24	0.004	0.11	0.006	0.05	<0.1	0.2	1	0.1	0.8	0.1	<0.1	<1	<1
125595	Drill Core	2.38	0.125	16.7	5	0.63	42	0.055	7.57	0.519	1.80	1.0	43.6	34	3.0	7.8	0.9	<0.1	1	7
125596	Drill Core	1.85	0.124	16.7	4	0.77	23	0.047	7.78	0.712	1.38	0.4	44.8	34	2.1	8.0	0.8	<0.1	1	6
125597	Drill Core	2.19	0.128	16.4	6	1.01	27	0.043	7.99	0.775	1.24	0.3	41.6	34	2.1	6.9	0.7	<0.1	1	7
125598	Drill Core	2.58	0.112	14.5	6	0.61	18	0.046	7.18	0.627	1.40	0.3	40.9	29	2.9	6.7	0.8	<0.1	1	6
125599	Drill Core	2.65	0.123	16.4	6	0.72	18	0.044	7.47	0.650	1.35	0.4	39.6	33	2.2	7.0	0.8	<0.1	1	6
125600	Drill Core	2.24	0.111	16.1	5	0.85	18	0.035	7.45	2.223	0.88	0.2	41.1	33	1.3	6.9	0.6	<0.1	<1	6
125601	Drill Core	3.20	0.117	12.9	7	0.80	19	0.040	7.48	1.998	1.10	0.4	41.9	27	1.9	7.1	0.8	<0.1	1	6
125602	Drill Core	2.11	0.119	15.3	6	0.98	26	0.052	7.89	1.366	1.22	0.4	49.6	32	2.0	8.4	1.0	<0.1	1	7
125603	Drill Core	2.39	0.108	19.5	9	1.10	50	0.043	7.77	0.768	1.16	0.2	59.0	36	1.2	10.0	0.7	<0.1	1	7
125604	Drill Core	2.49	0.106	13.9	13	0.92	35	0.059	8.10	0.687	1.58	0.3	58.2	28	1.9	8.1	0.9	<0.1	1	9
125605	Drill Core	2.72	0.104	11.8	12	0.70	30	0.051	7.67	0.470	2.48	1.1	50.3	25	2.8	7.6	0.9	<0.1	1	8
125606	Rock Pulp	0.45	0.092	19.4	63	1.02	252	0.222	7.61	1.416	5.36	12.7	23.8	35	1.8	11.0	2.4	0.2	1	16
125607	Drill Core	2.31	0.084	13.8	13	0.73	34	0.049	7.33	0.490	1.68	0.3	55.3	28	2.3	6.8	1.0	<0.1	<1	7
125608	Drill Core	3.26	0.089	16.0	13	1.06	89	0.037	7.02	0.430	1.12	0.2	57.8	32	1.2	7.3	0.7	<0.1	<1	7
125609	Drill Core	2.93	0.097	20.6	21	1.37	874	0.235	6.68	1.046	2.38	0.5	104.7	41	0.5	7.1	8.8	0.6	2	5



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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125580	Drill Core	3.9	80.4	0.2
125581	Drill Core	2.5	87.1	0.2
125582	Drill Core	3.2	87.9	0.2
125583	Drill Core	3.8	68.1	0.2
125584	Drill Core	3.7	64.9	0.2
125585	Rock Pulp	9.5	22.0	1.4
125586	Drill Core	3.6	71.8	0.1
125587	Drill Core	3.0	60.5	0.1
125588	Drill Core	4.3	57.1	0.1
125589	Drill Core	2.6	55.7	0.1
125590	Drill Core	2.3	68.6	0.2
125591	Drill Core	1.9	55.7	1.8
125592	Drill Core	3.9	69.7	0.9
125593	Drill Core	4.2	72.2	1.6
125594	Rock	<0.1	2.5	<0.1
125595	Drill Core	5.0	64.2	1.4
125596	Drill Core	5.5	47.1	1.5
125597	Drill Core	5.3	40.5	1.3
125598	Drill Core	6.6	44.9	1.3
125599	Drill Core	6.3	43.7	1.2
125600	Drill Core	5.4	28.3	1.3
125601	Drill Core	6.2	34.3	1.3
125602	Drill Core	5.3	41.0	1.5
125603	Drill Core	4.2	49.7	1.8
125604	Drill Core	5.0	62.1	1.9
125605	Drill Core	4.9	86.5	1.5
125606	Rock Pulp	2.1	104.0	0.6
125607	Drill Core	4.2	52.1	1.8
125608	Drill Core	3.7	38.1	1.7
125609	Drill Core	<0.1	64.9	2.9



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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125610	Drill Core	3.93	<0.005	0.7	34.0	15.3	55	0.2	12.9	8.6	555	2.55	9	3.3	<0.1	7.0	517	<0.1	1.2	0.2
125611	Rock	0.54	<0.005	<0.1	<0.1	1.1	11	<0.1	1.5	0.6	191	0.32	<1	0.4	<0.1	<0.1	37	<0.1	<0.1	<0.1
125612	Drill Core	7.97	<0.005	2.8	27.3	8.5	31	0.1	9.3	7.6	139	3.96	4	3.0	<0.1	6.4	177	0.1	0.8	0.2
125613	Drill Core	7.54	<0.005	16.0	31.3	27.6	55	0.2	10.4	12.1	250	3.79	3	2.2	<0.1	5.9	278	0.2	1.9	0.3



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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125610	Drill Core	2.75	0.097	23.5	26	1.39	635	0.241	7.42	0.541	2.16	0.7	110.3	45	0.6	8.1	9.2	0.6	2	6
125611	Rock	22.51	0.012	0.6	<1	12.04	12	0.002	0.05	0.003	0.02	<0.1	0.5	1	0.1	0.6	0.1	<0.1	<1	<1
125612	Drill Core	2.09	0.085	16.1	7	0.97	35	0.034	7.38	0.298	1.32	0.5	57.5	34	1.4	6.9	0.7	<0.1	<1	6
125613	Drill Core	2.57	0.088	16.4	7	1.12	30	0.035	7.27	0.336	1.21	0.3	56.0	34	1.4	6.6	0.7	<0.1	<1	6



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CERTIFICATE OF ANALYSIS

SMI11000756.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125610	Drill Core	<0.1	65.9	3.0
125611	Rock	<0.1	1.0	<0.1
125612	Drill Core	4.0	46.3	1.7
125613	Drill Core	4.0	43.5	1.8



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QUALITY CONTROL REPORT

SMI11000756.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
Pulp Duplicates																					
125506	Drill Core	7.75	0.018	17.6	527.0	21.4	89	0.5	116.7	24.2	308	5.52	4	1.0	<0.1	3.1	117	0.3	0.4	0.2	150
REP 125506	QC	0.018																			
125517	Drill Core	3.55	0.018	8.2	576.5	5.8	26	0.1	61.5	14.5	186	4.15	1	1.0	<0.1	3.8	276	<0.1	0.3	0.3	132
REP 125517	QC	10.1 565.0 5.2 24 0.1 58.7 14.1 175 4.00 3 1.0 <0.1 3.7 274 <0.1 0.3 0.2 136																			
125542	Drill Core	6.89	0.036	51.5	1314	10.0	35	0.3	32.4	20.1	253	4.35	1	0.9	<0.1	3.6	287	0.2	0.5	0.4	92
REP 125542	QC	55.3 1384 10.2 37 0.3 33.8 21.4 259 4.53 <1 0.9 <0.1 3.8 310 0.1 0.5 0.5 96																			
125554	Rock	0.45	<0.005	0.2	10.2	1.6	14	<0.1	1.2	0.7	272	0.53	<1	0.6	<0.1	<0.1	40	<0.1	<0.1	<0.1	2
REP 125554	QC	<0.005																			
125578	Drill Core	7.24	0.135	9.5	3715	7.7	30	0.9	40.4	13.5	123	4.02	2	0.4	<0.1	4.4	346	0.1	0.2	0.3	92
REP 125578	QC	9.6 3821 7.2 28 1.0 39.3 13.7 127 4.09 2 0.3 0.1 4.2 338 0.2 0.2 0.3 93																			
125586	Drill Core	6.31	0.237	3.4	5645	8.1	40	1.4	46.0	13.0	130	4.27	2	0.3	0.2	4.5	278	0.1	0.1	0.3	91
REP 125586	QC	0.253																			
125610	Drill Core	3.93	<0.005	0.7	34.0	15.3	55	0.2	12.9	8.6	555	2.55	9	3.3	<0.1	7.0	517	<0.1	1.2	0.2	66
REP 125610	QC	0.6 37.2 14.8 54 0.1 12.7 8.3 545 2.38 8 3.1 <0.1 6.5 484 <0.1 1.1 0.1 62																			
Core Reject Duplicates																					
125514	Drill Core	7.25	0.014	10.1	412.7	8.5	35	0.1	92.3	22.7	308	6.02	3	1.0	<0.1	4.1	237	0.1	0.4	0.2	143
DUP 125514	QC	0.013 14.1 426.7 8.5 36 0.1 97.8 25.2 332 6.21 3 1.0 <0.1 3.9 255 <0.1 0.5 0.2 137																			
125549	Drill Core	6.69	0.076	24.3	1754	27.2	128	0.8	20.9	13.9	419	3.69	2	0.9	<0.1	4.6	274	0.7	1.0	0.7	45
DUP 125549	QC	0.085 25.9 1765 28.1 146 0.8 21.2 14.0 404 3.81 3 0.9 0.1 4.8 282 0.7 1.0 0.8 45																			
125584	Drill Core	6.74	0.151	3.0	4200	40.7	129	1.6	37.2	10.7	232	3.82	2	0.3	0.1	4.2	294	0.8	0.4	0.4	77
DUP 125584	QC	0.156 2.8 4310 43.3 131 1.5 36.2 10.7 234 4.00 2 0.3 <0.1 4.3 307 0.7 0.4 0.4 79																			
Reference Materials																					
STD OREAS24P	Standard	1.4 49.0 3.3 109 <0.1 143.8 43.4 1106 7.12 1 0.7 <0.1 2.9 374 <0.1 0.1 <0.1 153																			
STD OREAS24P	Standard	1.5 50.1 2.7 115 <0.1 142.7 44.6 1114 7.20 2 0.7 <0.1 2.8 374 0.1 <0.1 <0.1 157																			
STD OREAS24P	Standard	1.2 44.7 3.3 105 <0.1 131.2 42.8 1033 7.18 <1 0.6 <0.1 2.6 348 0.2 <0.1 <0.1 156																			
STD OREAS24P	Standard	1.6 43.9 2.5 112 <0.1 146.6 47.3 1122 7.60 2 0.7 <0.1 2.8 401 0.1 0.1 <0.1 156																			
STD OREAS24P	Standard	1.5 48.4 2.6 102 <0.1 137.2 44.7 1089 7.47 <1 0.6 <0.1 2.7 377 0.1 <0.1 <0.1 168																			
STD OREAS24P	Standard	1.4 49.5 2.9 109 <0.1 136.8 43.0 1129 7.33 1 0.7 <0.1 2.9 359 0.1 0.2 <0.1 166																			



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QUALITY CONTROL REPORT

SMI11000756.1

Method		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
Pulp Duplicates																			
125506	Drill Core	1.62	0.066	15.0	78	0.86	25	0.086	7.85	0.367	2.30	0.3	12.2	33	1.8	5.1	0.6	<0.1	<1
REP 125506	QC																		
125517	Drill Core	0.92	0.043	16.5	79	1.11	28	0.093	8.05	1.305	2.69	0.3	15.5	38	2.1	5.8	0.7	<0.1	2
REP 125517	QC	0.88	0.039	15.4	67	1.05	28	0.089	7.41	1.233	2.62	0.4	15.4	35	1.9	5.6	0.8	<0.1	1
125542	Drill Core	2.18	0.117	13.6	30	1.02	62	0.096	6.60	0.996	1.83	0.3	22.2	28	1.6	8.1	1.0	<0.1	1
REP 125542	QC	2.26	0.115	15.0	29	1.07	67	0.099	6.83	0.986	1.86	0.2	23.4	31	1.8	8.8	1.1	<0.1	2
125554	Rock	19.51	0.016	0.6	<1	12.55	12	0.001	0.09	0.008	0.02	<0.1	0.5	1	0.2	0.8	0.2	<0.1	<1
REP 125554	QC																		
125578	Drill Core	1.55	0.047	8.8	101	0.86	45	0.159	5.85	1.324	2.57	0.2	6.6	19	2.0	5.9	2.9	0.2	<1
REP 125578	QC	1.48	0.044	8.8	97	0.87	72	0.154	5.89	1.288	2.63	0.2	7.2	19	2.0	5.9	3.0	0.2	<1
125586	Drill Core	1.00	0.041	7.7	81	0.88	56	0.173	5.84	1.538	3.25	1.6	5.0	18	1.7	4.8	3.7	0.2	1
REP 125586	QC																		
125610	Drill Core	2.75	0.097	23.5	26	1.39	635	0.241	7.42	0.541	2.16	0.7	110.3	45	0.6	8.1	9.2	0.6	2
REP 125610	QC	2.72	0.097	21.3	27	1.36	589	0.237	6.92	0.549	2.11	0.7	108.8	42	0.5	7.7	9.0	0.6	2
Core Reject Duplicates																			
125514	Drill Core	1.43	0.062	15.3	56	1.20	23	0.083	7.54	0.841	2.22	0.2	15.0	33	1.4	5.6	0.8	<0.1	1
DUP 125514	QC	1.59	0.063	15.2	54	1.29	22	0.081	7.77	0.775	2.11	0.2	15.1	33	1.4	5.6	0.8	<0.1	1
125549	Drill Core	2.01	0.073	12.8	12	0.82	65	0.072	6.99	1.055	2.11	0.4	20.9	29	2.2	7.3	1.5	<0.1	1
DUP 125549	QC	1.97	0.070	13.7	12	0.80	65	0.072	6.96	1.015	2.07	0.4	21.2	30	2.3	7.3	1.6	0.1	2
125584	Drill Core	1.37	0.034	7.5	89	0.78	45	0.139	5.70	1.268	2.38	0.2	4.9	16	2.0	4.0	2.8	0.1	<1
DUP 125584	QC	1.52	0.037	8.0	94	0.79	57	0.146	5.83	1.305	2.42	0.2	5.4	17	2.0	4.1	2.7	0.2	<1
Reference Materials																			
STD OREAS24P	Standard	5.36	0.127	18.1	203	3.98	274	1.078	7.55	2.355	0.66	0.4	132.6	36	1.6	23.5	18.8	1.1	1
STD OREAS24P	Standard	5.63	0.126	17.7	203	4.10	266	1.014	7.66	2.421	0.65	0.4	128.2	35	1.4	20.3	19.0	1.0	1
STD OREAS24P	Standard	5.35	0.130	16.8	191	3.96	255	0.992	7.66	2.398	0.63	0.6	122.2	33	1.7	20.0	18.0	1.0	1
STD OREAS24P	Standard	6.08	0.119	18.1	205	4.12	278	1.081	8.20	2.386	0.65	0.5	135.9	37	1.4	20.1	19.5	1.1	1
STD OREAS24P	Standard	5.49	0.118	16.6	190	4.10	256	0.993	7.54	2.506	0.66	0.5	132.6	35	1.3	19.7	19.2	1.1	1
STD OREAS24P	Standard	5.54	0.130	18.3	198	4.12	282	1.046	7.49	2.430	0.63	0.4	126.0	36	1.6	20.3	18.0	1.0	1



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 04, 2012

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000756.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125506	Drill Core	5.1	63.9	0.4
REP 125506	QC			
125517	Drill Core	3.6	68.1	0.5
REP 125517	QC	3.6	65.4	0.5
125542	Drill Core	4.3	56.7	0.7
REP 125542	QC	4.6	58.9	0.7
125554	Rock	<0.1	0.5	<0.1
REP 125554	QC			
125578	Drill Core	4.0	63.8	0.2
REP 125578	QC	4.0	63.6	0.2
125586	Drill Core	3.6	71.8	0.1
REP 125586	QC			
125610	Drill Core	<0.1	65.9	3.0
REP 125610	QC	<0.1	61.6	3.0
Core Reject Duplicates				
125514	Drill Core	5.3	60.9	0.4
DUP 125514	QC	5.5	59.3	0.5
125549	Drill Core	3.7	59.5	0.6
DUP 125549	QC	3.8	61.6	0.6
125584	Drill Core	3.7	64.9	0.2
DUP 125584	QC	3.9	66.0	0.2
Reference Materials				
STD OREAS24P	Standard	<0.1	21.0	3.5
STD OREAS24P	Standard	<0.1	20.0	3.3
STD OREAS24P	Standard	<0.1	19.6	3.1
STD OREAS24P	Standard	<0.1	19.2	3.6
STD OREAS24P	Standard	<0.1	20.1	3.4
STD OREAS24P	Standard	<0.1	19.5	3.4



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Project: Poplar Drilling

Report Date: January 04, 2012

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000756.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
STD OREAS45C	Standard			2.0	589.0	23.2	75	0.3	321.5	98.1	1165	17.10	11	2.3	<0.1	10.4	36	<0.1	0.8	0.2	260
STD OREAS45C	Standard			2.4	602.7	24.8	82	0.3	321.2	99.4	1154	17.22	13	2.3	<0.1	10.9	36	0.2	0.9	0.2	256
STD OREAS45C	Standard			1.9	600.2	21.4	77	0.3	313.2	99.1	1066	16.65	9	2.1	<0.1	9.4	33	0.3	0.7	0.2	241
STD OREAS45C	Standard			2.1	599.6	23.4	77	0.2	315.7	107.9	1135	17.78	9	2.3	<0.1	10.4	36	0.2	0.7	0.2	247
STD OREAS45C	Standard			2.1	602.4	23.2	80	0.3	330.7	105.6	1118	17.78	10	2.2	<0.1	10.5	32	<0.1	0.7	0.2	270
STD OREAS45C	Standard			2.5	658.9	27.0	82	0.4	350.7	106.1	1214	18.62	12	2.5	<0.1	11.8	37	0.3	0.8	0.2	274
STD OXH82	Standard		1.258																		
STD OXH82	Standard		1.260																		
STD OXH82	Standard		1.294																		
STD OXH82	Standard		1.274																		
STD OXH82	Standard		1.305																		
STD OXH82	Standard		1.361																		
STD OXH82	Standard		1.401																		
STD OXK79	Standard		3.384																		
STD OXK79	Standard		3.572																		
STD OXK79	Standard		3.664																		
STD OXK79	Standard		3.610																		
STD OXK79	Standard		3.741																		
STD OXK79	Standard		3.773																		
STD OXK79	Standard		3.866																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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Project: Poplar Drilling

Report Date: January 04, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000756.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.49	0.047	24.8	917	0.25	269	1.161	7.18	0.097	0.35	1.1	175.6	50	2.5	13.1	21.2	1.3	<1	59	15.0
STD OREAS45C	Standard	0.50	0.052	26.4	987	0.21	276	1.117	7.12	0.097	0.35	1.0	158.6	50	2.7	11.7	20.5	1.3	<1	56	16.4
STD OREAS45C	Standard	0.45	0.048	24.4	876	0.25	262	1.039	7.19	0.095	0.33	0.9	147.8	48	2.5	12.0	20.4	1.2	<1	60	14.8
STD OREAS45C	Standard	0.49	0.044	25.6	954	0.19	266	1.090	7.46	0.096	0.34	1.1	170.5	53	2.6	11.9	22.2	1.4	<1	56	16.0
STD OREAS45C	Standard	0.47	0.044	25.5	921	0.20	272	1.053	6.98	0.105	0.35	1.1	174.7	53	2.4	12.6	23.7	1.5	1	59	16.8
STD OREAS45C	Standard	0.51	0.055	28.5	1000	0.26	311	1.135	7.15	0.104	0.36	1.2	169.4	56	3.1	13.1	22.9	1.6	1	62	17.5
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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QUALITY CONTROL REPORT

SMI11000756.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	22.5	4.0
STD OREAS45C	Standard	<0.1	22.6	4.2
STD OREAS45C	Standard	<0.1	22.5	3.8
STD OREAS45C	Standard	<0.1	21.9	4.3
STD OREAS45C	Standard	<0.1	22.4	4.5
STD OREAS45C	Standard	<0.1	27.3	4.7
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

SMI11000756.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1
Prep Wash																					
G1	Prep Blank		<0.005	0.5	6.8	17.9	51	<0.1	4.3	5.0	691	2.33	5	2.6	<0.1	8.6	729	<0.1	0.2	0.2	45
G1	Prep Blank		<0.005	0.3	7.8	17.1	48	<0.1	3.2	4.7	666	2.28	3	2.5	<0.1	8.0	694	<0.1	<0.1	0.1	45



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QUALITY CONTROL REPORT

SMI11000756.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.073	27.6	10	0.54	999	0.214	7.56	2.695	2.98	0.1	10.8	54	1.3	13.5	22.5	1.2	3	4	31.5
G1	Prep Blank	2.27	0.073	24.5	11	0.53	954	0.207	7.33	2.756	2.90	0.2	10.3	49	1.3	13.0	22.3	1.2	2	4	29.4



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Report Date: January 04, 2012

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QUALITY CONTROL REPORT

SMI11000756.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	113.9	0.5
G1	Prep Blank	<0.1	108.4	0.5



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: December 31, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000757.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_110_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Lions Gate Metals Inc.

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Vancouver BC V7Y 1G5 Canada

Project:

Poplar Drilling

Report Date:

December 31, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125614	Drill Core	6.35	<0.005	2.2	57.5	16.8	61	0.2	8.3	7.7	272	2.89	4	2.4	<0.1	6.2	280	0.2	1.2	0.3
125615	Drill Core	6.99	<0.005	2.1	31.6	23.5	47	0.1	9.7	8.3	165	3.51	2	2.4	<0.1	6.1	345	0.2	0.4	0.3
125616	Drill Core	3.91	<0.005	2.0	30.7	19.4	49	0.1	9.4	8.2	176	3.49	2	2.7	<0.1	6.7	388	0.3	0.5	0.3
125617	Drill Core	7.65	<0.005	3.9	71.9	28.2	55	0.2	11.1	13.9	129	5.08	4	3.1	<0.1	7.9	278	0.3	0.8	0.4
125618	Drill Core	7.37	<0.005	6.1	12.1	11.1	31	0.1	10.7	7.0	126	4.20	3	2.5	<0.1	5.6	194	0.1	0.8	0.2
125619	Drill Core	7.06	<0.005	3.8	21.3	11.7	34	<0.1	11.6	7.8	143	5.54	<1	2.3	<0.1	5.1	340	0.3	0.4	0.3
125620	Drill Core	7.17	<0.005	2.8	26.6	10.1	33	0.1	12.7	21.9	256	5.35	1	2.4	<0.1	5.6	306	0.2	0.6	0.4
125621	Drill Core	7.57	<0.005	1.7	24.1	12.1	36	0.1	7.7	16.9	191	4.62	<1	2.3	<0.1	5.3	410	0.1	0.4	0.2
125622	Drill Core	7.76	<0.005	5.1	47.2	12.2	38	0.2	12.8	13.9	222	5.34	2	2.5	<0.1	5.4	377	0.2	0.6	0.4
125623	Drill Core	7.37	<0.005	4.7	24.6	39.7	187	0.3	11.7	12.0	222	8.21	<1	1.7	<0.1	3.3	325	0.8	0.6	0.3
125624	Rock Pulp	0.15	0.849	155.4	3749	55.8	140	3.5	27.0	22.0	562	5.05	61	1.3	0.8	2.9	235	0.8	8.9	0.8
125625	Drill Core	6.45	<0.005	2.9	28.0	48.7	98	0.4	12.9	12.3	310	5.94	2	2.2	<0.1	4.2	318	0.6	1.1	0.3
125626	Drill Core	7.64	<0.005	2.4	24.6	9.9	27	<0.1	10.3	11.7	244	4.36	1	2.4	<0.1	5.9	359	<0.1	0.5	0.3
125627	Drill Core	6.34	<0.005	6.7	37.3	15.2	45	<0.1	10.4	18.6	240	5.41	<1	2.4	<0.1	5.5	398	0.3	0.4	0.3
125628	Drill Core	6.56	<0.005	6.2	126.8	29.0	86	0.2	10.4	11.1	374	4.96	<1	2.3	<0.1	5.5	450	0.3	1.0	0.2
125629	Rock	0.57	<0.005	0.1	0.6	1.8	13	<0.1	1.2	0.8	263	0.49	2	0.6	<0.1	0.1	47	<0.1	<0.1	<0.1
125630	Drill Core	7.36	<0.005	12.8	50.9	11.0	30	0.1	12.8	15.4	258	4.93	1	2.1	<0.1	6.0	305	<0.1	0.7	0.2
125631	Drill Core	7.27	<0.005	24.7	35.9	8.0	28	<0.1	10.3	12.9	250	5.62	5	2.2	<0.1	4.9	248	<0.1	1.6	0.3
125632	Drill Core	7.45	<0.005	2.9	57.7	56.6	122	0.6	8.0	8.2	630	3.51	11	2.5	<0.1	6.6	339	0.9	5.9	0.2
125633	Drill Core	7.46	<0.005	10.5	88.0	43.3	88	0.5	10.6	13.6	645	5.15	7	2.7	<0.1	6.1	227	0.5	6.2	0.2
125634	Drill Core	7.90	<0.005	38.6	20.5	57.0	147	1.1	9.9	9.6	814	4.46	5	1.9	<0.1	5.1	343	0.8	7.7	0.2
125635	Drill Core	7.02	<0.005	11.2	12.2	26.5	58	0.3	9.8	10.8	333	4.95	2	2.3	<0.1	5.6	221	0.4	2.9	0.1
125636	Drill Core	3.60	<0.005	20.5	8.3	25.8	41	0.2	10.4	11.4	341	4.92	3	2.2	<0.1	5.0	225	0.3	1.9	0.2
125637	Drill Core	3.04	<0.005	15.6	30.9	25.3	100	0.4	11.4	12.8	597	4.96	7	2.1	<0.1	5.2	246	0.6	6.0	0.1
125638	Drill Core	5.00	<0.005	0.9	16.1	26.1	81	0.4	12.5	7.1	1948	1.81	11	3.9	<0.1	7.1	651	0.2	5.2	0.2
125639	Drill Core	7.43	0.041	5.1	162.8	743.1	2461	26.0	14.6	20.5	1386	8.79	28	1.9	<0.1	3.8	332	17.9	75.7	0.2
125640	Drill Core	7.25	0.007	4.3	16.7	127.0	297	1.2	12.1	12.5	781	4.50	4	2.6	<0.1	6.9	525	1.9	4.2	0.1
125641	Drill Core	7.18	<0.005	5.0	21.2	130.4	716	0.9	9.7	5.9	1018	3.65	3	2.3	<0.1	6.4	385	4.3	4.3	0.1
125642	Drill Core	7.53	<0.005	4.8	22.9	118.5	295	1.4	9.3	11.3	1390	4.27	5	2.1	<0.1	5.6	341	1.8	6.9	0.1
125643	Drill Core	7.61	1.388	9.8	151.0	42.9	102	1.3	9.5	10.6	827	4.72	12	2.0	0.6	5.6	294	0.4	19.0	0.5



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125614	Drill Core	2.95	0.102	14.6	9	1.28	73	0.061	6.94	0.295	1.26	0.2	50.2	30	1.4	6.8	1.1	<0.1	1	7
125615	Drill Core	2.32	0.105	12.2	9	0.79	26	0.057	7.21	0.475	1.31	0.4	50.2	26	2.1	7.5	1.2	<0.1	1	7
125616	Drill Core	2.46	0.114	14.1	9	0.83	37	0.064	7.96	0.545	1.47	0.4	55.2	31	2.3	8.1	1.2	0.1	1	7
125617	Drill Core	1.36	0.128	15.0	12	0.62	29	0.081	8.40	0.547	1.92	0.6	63.2	34	2.9	9.2	1.5	0.1	2	8
125618	Drill Core	0.64	0.104	12.3	10	0.41	32	0.065	5.53	0.428	1.79	0.6	55.5	28	2.6	7.2	1.1	<0.1	<1	6
125619	Drill Core	2.27	0.104	9.8	8	0.75	25	0.057	7.34	0.421	1.48	0.3	54.2	23	1.9	8.2	1.1	<0.1	<1	7
125620	Drill Core	2.41	0.113	11.5	12	0.76	18	0.060	7.93	0.448	1.65	0.3	56.7	27	2.3	7.8	1.0	<0.1	1	8
125621	Drill Core	2.58	0.102	9.3	7	1.07	32	0.049	6.75	0.450	1.27	0.2	53.5	21	1.7	7.1	0.9	<0.1	1	6
125622	Drill Core	2.49	0.105	11.3	13	0.97	27	0.064	7.29	0.545	1.85	0.6	55.7	28	3.6	7.7	1.1	<0.1	1	7
125623	Drill Core	2.51	0.089	7.0	8	0.49	23	0.054	5.06	0.345	1.78	0.7	39.2	18	4.0	6.4	1.0	<0.1	<1	5
125624	Rock Pulp	0.41	0.117	14.0	48	0.85	91	0.283	7.87	1.238	2.69	27.8	24.5	29	3.2	11.9	3.7	0.2	2	14
125625	Drill Core	2.37	0.112	8.4	12	0.55	21	0.061	6.11	0.494	1.84	0.6	51.2	21	3.0	6.6	1.1	<0.1	<1	6
125626	Drill Core	2.39	0.109	14.0	9	0.98	22	0.062	7.64	0.620	1.59	0.4	55.4	32	2.1	8.0	1.3	0.1	2	7
125627	Drill Core	2.88	0.107	10.0	13	0.81	35	0.058	7.01	0.575	1.66	0.4	56.1	23	2.5	7.3	1.0	<0.1	<1	7
125628	Drill Core	2.26	0.108	11.1	9	1.08	20	0.050	7.66	0.529	1.42	0.3	54.9	26	1.9	7.6	1.0	<0.1	1	7
125629	Rock	21.71	0.015	0.6	<1	11.52	17	0.002	0.10	0.005	0.04	<0.1	0.4	1	0.1	0.9	0.2	<0.1	<1	<1
125630	Drill Core	1.75	0.109	16.0	10	0.61	26	0.071	7.33	0.546	1.87	0.5	57.0	37	2.8	8.0	1.2	<0.1	2	7
125631	Drill Core	1.60	0.106	9.5	13	0.53	24	0.077	7.14	0.369	2.13	0.8	52.0	23	3.8	7.4	1.2	<0.1	<1	7
125632	Drill Core	2.03	0.113	13.5	9	0.92	125	0.065	7.99	0.309	1.51	0.5	59.0	29	1.7	8.0	1.4	<0.1	1	7
125633	Drill Core	1.86	0.111	12.8	10	0.74	24	0.063	7.31	0.474	1.87	0.6	52.0	28	2.3	7.7	1.1	<0.1	<1	7
125634	Drill Core	3.04	0.099	13.2	8	1.17	44	0.062	7.08	0.524	1.88	0.5	51.6	28	2.1	7.7	1.1	<0.1	<1	6
125635	Drill Core	3.16	0.098	13.4	9	0.70	37	0.071	7.00	0.404	1.99	0.6	53.7	29	2.8	7.8	1.2	<0.1	1	6
125636	Drill Core	2.82	0.100	11.3	8	0.74	46	0.069	6.42	0.380	1.90	0.7	54.4	26	2.4	7.6	1.1	<0.1	1	6
125637	Drill Core	2.83	0.095	12.6	9	1.05	53	0.062	6.93	0.297	1.83	0.6	51.8	28	1.9	7.3	1.1	<0.1	1	6
125638	Drill Core	4.80	0.132	25.3	15	1.87	857	0.310	7.66	0.030	0.68	1.9	118.5	51	0.8	11.1	9.2	0.5	1	7
125639	Drill Core	2.17	0.094	9.9	9	0.84	31	0.048	6.22	0.295	2.00	0.4	44.0	25	1.9	6.3	0.9	<0.1	<1	6
125640	Drill Core	1.55	0.112	13.7	10	0.74	34	0.072	7.94	0.361	2.30	0.5	58.2	31	2.0	7.6	1.1	<0.1	2	7
125641	Drill Core	2.02	0.117	16.2	12	0.95	46	0.067	7.88	0.268	1.96	0.5	62.0	38	1.8	8.7	1.3	<0.1	1	7
125642	Drill Core	2.99	0.103	13.9	8	0.85	48	0.055	6.70	0.377	1.97	0.4	52.7	30	1.3	7.9	1.0	<0.1	1	6
125643	Drill Core	3.14	0.104	14.3	8	0.82	45	0.060	6.84	0.395	1.94	1.7	53.0	30	2.4	8.1	0.9	<0.1	1	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125614	Drill Core	2.7	33.8	1.6
125615	Drill Core	4.0	33.1	1.5
125616	Drill Core	3.9	38.0	1.8
125617	Drill Core	5.3	56.6	2.0
125618	Drill Core	4.6	43.1	1.7
125619	Drill Core	6.1	34.8	1.8
125620	Drill Core	6.4	41.8	1.7
125621	Drill Core	5.9	25.4	1.8
125622	Drill Core	6.7	41.3	1.9
125623	Drill Core	>10	39.4	1.3
125624	Rock Pulp	2.5	103.8	0.7
125625	Drill Core	7.5	38.7	1.7
125626	Drill Core	5.3	36.6	1.9
125627	Drill Core	6.8	36.8	1.9
125628	Drill Core	5.6	33.5	1.7
125629	Rock	<0.1	2.8	<0.1
125630	Drill Core	5.1	48.8	1.7
125631	Drill Core	5.9	56.4	1.7
125632	Drill Core	3.4	42.2	1.8
125633	Drill Core	5.0	52.8	1.8
125634	Drill Core	4.2	44.6	1.7
125635	Drill Core	4.9	44.9	1.8
125636	Drill Core	4.8	43.8	1.8
125637	Drill Core	4.8	40.5	1.7
125638	Drill Core	0.1	38.3	3.2
125639	Drill Core	9.1	60.3	1.5
125640	Drill Core	4.3	84.2	1.9
125641	Drill Core	3.6	64.1	2.0
125642	Drill Core	4.2	59.2	1.7
125643	Drill Core	4.6	53.6	1.7



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125644	Drill Core	7.73	0.009	23.7	27.1	56.3	107	0.9	18.8	18.7	599	7.24	7	2.3	<0.1	5.1	344	0.6	8.7	0.3
125645	Drill Core	7.48	0.057	7.7	62.9	25.0	86	0.7	13.7	20.3	482	6.16	8	2.2	<0.1	5.1	208	0.3	8.1	0.9
125646	Drill Core	7.68	<0.005	8.0	24.9	10.9	25	<0.1	9.8	11.3	341	4.21	2	2.3	<0.1	5.9	287	0.2	2.1	0.2
125647	Drill Core	7.27	<0.005	6.3	44.3	15.4	45	0.3	10.7	11.6	452	4.05	5	3.1	<0.1	7.1	452	0.2	3.5	0.2
125648	Drill Core	7.87	<0.005	9.2	28.3	8.9	26	0.3	10.6	10.8	339	4.50	2	2.1	<0.1	5.8	337	0.2	2.7	0.2
125649	Drill Core	7.67	<0.005	3.1	22.2	10.3	34	0.1	9.4	9.8	263	4.28	2	2.1	<0.1	6.0	338	0.2	1.3	0.2
125650	Rock Pulp	0.16	0.429	136.5	3768	29.0	65	2.3	39.2	20.9	432	4.47	37	1.3	0.4	3.0	248	0.3	4.5	0.5
125651	Drill Core	7.36	<0.005	5.2	34.9	18.8	109	0.5	9.9	9.4	248	4.26	<1	2.5	<0.1	5.7	455	0.6	3.1	0.2
125652	Drill Core	7.83	<0.005	4.4	33.4	7.6	26	0.2	11.6	10.3	297	4.33	<1	2.3	<0.1	5.5	297	<0.1	0.7	0.3
125653	Drill Core	8.36	0.006	1.9	107.8	15.0	38	0.2	8.7	10.0	239	4.13	2	2.8	<0.1	6.5	341	0.2	3.0	0.2
125654	Rock	0.44	<0.005	<0.1	2.1	1.0	9	<0.1	0.9	0.5	210	0.43	<1	0.5	<0.1	<0.1	36	<0.1	<0.1	<0.1
125655	Drill Core	7.26	<0.005	3.4	87.5	15.8	47	0.2	10.2	12.8	365	3.96	<1	2.5	<0.1	5.8	627	0.2	2.0	0.1
125656	Drill Core	6.46	<0.005	4.4	20.8	14.0	52	0.2	10.9	12.5	478	4.29	<1	2.2	<0.1	5.6	663	0.3	1.7	0.1
125657	Drill Core	4.25	<0.005	3.1	20.3	9.2	35	0.2	9.5	12.6	430	4.21	<1	2.3	<0.1	5.7	508	0.2	1.2	0.2
125658	Drill Core	7.03	<0.005	3.4	22.8	27.1	62	0.3	10.5	14.6	581	3.99	<1	2.3	<0.1	6.4	477	0.3	1.8	0.2
125659	Drill Core	8.37	<0.005	4.4	13.5	43.9	125	0.4	14.6	12.6	847	3.62	1	2.1	<0.1	6.3	428	0.8	1.1	0.2
125660	Drill Core	8.08	0.006	7.9	103.7	91.5	234	6.4	66.8	16.4	918	5.45	5	1.6	<0.1	5.5	380	1.4	8.1	0.2
125661	Drill Core	5.18	0.005	13.3	12.9	128.8	38	2.2	74.9	25.1	271	7.44	2	1.3	<0.1	3.6	181	0.2	5.3	0.2
125662	Drill Core	5.57	<0.005	9.5	7.2	65.5	37	0.9	88.7	48.7	294	10.62	<1	0.9	<0.1	2.1	136	0.3	2.0	0.3
125663	Drill Core	7.87	<0.005	7.4	9.8	26.8	70	0.4	65.4	26.8	292	5.97	<1	1.1	<0.1	3.3	229	0.4	0.9	0.3
125664	Drill Core	7.70	0.006	6.4	18.6	63.0	208	1.1	56.9	25.2	213	5.42	<1	1.1	<0.1	3.5	172	1.2	2.5	0.3
125665	Rock Pulp	0.15	0.424	142.3	3770	30.2	68	2.6	39.2	21.0	436	4.54	37	1.4	0.3	2.6	231	0.2	4.3	0.5
125666	Drill Core	7.63	0.006	15.6	16.5	213.8	505	3.8	52.6	15.0	558	3.59	2	1.3	<0.1	4.8	224	3.5	4.3	0.2
125667	Drill Core	7.89	0.009	4.1	53.1	380.8	493	12.5	68.5	24.0	473	5.71	5	1.4	<0.1	4.0	244	3.5	15.7	0.2
125668	Drill Core	8.53	0.008	4.2	51.7	368.1	708	12.2	63.2	22.9	626	5.03	2	1.1	<0.1	4.1	297	5.3	24.4	<0.1
125669	Drill Core	7.41	0.006	2.6	201.0	7.1	23	0.2	76.5	13.8	335	2.82	2	1.8	<0.1	6.9	187	<0.1	0.8	<0.1
125670	Drill Core	7.28	<0.005	3.5	115.0	5.9	26	0.3	60.6	12.3	343	2.98	2	1.7	<0.1	6.4	322	0.2	1.0	<0.1
125671	Drill Core	3.69	<0.005	5.2	123.6	7.0	28	0.4	60.7	12.0	360	3.14	1	1.7	<0.1	6.7	313	0.1	1.6	<0.1
125672	Drill Core	8.17	<0.005	6.4	90.6	22.0	40	0.3	48.0	11.8	480	3.64	1	1.4	<0.1	5.9	491	0.1	0.9	<0.1
125673	Drill Core	4.98	0.007	5.0	157.7	6.3	19	0.1	43.6	21.6	244	4.80	<1	1.2	<0.1	3.0	432	<0.1	0.7	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125644	Drill Core	1.92	0.120	9.5	10	0.69	24	0.071	7.89	0.457	2.69	1.2	60.5	23	3.3	7.7	1.0	<0.1	1	8
125645	Drill Core	2.34	0.095	10.3	7	0.76	29	0.055	6.54	0.256	2.00	1.8	53.6	24	2.4	7.3	1.1	<0.1	<1	6
125646	Drill Core	2.70	0.115	13.4	9	1.06	36	0.063	8.19	0.376	2.00	0.6	61.7	29	1.5	9.1	1.2	0.1	1	7
125647	Drill Core	2.02	0.110	17.3	9	0.92	54	0.057	7.41	0.408	1.54	0.6	60.7	35	1.4	9.1	1.0	<0.1	1	7
125648	Drill Core	1.97	0.102	12.6	10	0.81	22	0.049	6.95	0.417	1.67	0.6	55.7	28	1.4	7.8	0.8	<0.1	1	7
125649	Drill Core	2.25	0.108	11.5	7	0.95	24	0.052	6.82	0.411	1.51	0.4	57.1	25	1.4	8.7	0.9	<0.1	1	7
125650	Rock Pulp	0.37	0.108	16.9	57	1.01	429	0.276	6.81	1.444	3.89	13.7	28.2	32	2.4	12.2	2.6	0.2	1	15
125651	Drill Core	2.95	0.102	11.9	9	0.81	54	0.050	7.18	0.472	1.55	0.4	55.5	25	1.5	8.6	0.8	<0.1	<1	7
125652	Drill Core	2.47	0.111	9.9	10	0.94	29	0.051	6.72	0.508	1.52	0.5	56.6	23	1.3	8.8	0.9	<0.1	1	7
125653	Drill Core	2.43	0.103	12.4	10	1.01	48	0.043	6.81	0.492	1.19	0.4	57.2	28	1.0	8.7	0.7	<0.1	1	6
125654	Rock	20.69	0.018	0.4	<1	11.03	27	0.002	0.05	0.003	0.01	<0.1	0.2	<1	0.2	0.7	<0.1	<0.1	<1	<1
125655	Drill Core	3.03	0.108	8.3	10	0.92	47	0.045	6.78	0.552	1.27	0.3	59.5	20	1.1	8.1	0.8	<0.1	1	6
125656	Drill Core	2.98	0.114	8.5	8	0.71	36	0.049	6.79	0.652	1.65	0.7	56.2	20	1.4	8.0	0.8	<0.1	1	6
125657	Drill Core	2.73	0.114	8.2	11	0.65	33	0.050	7.07	0.657	1.81	0.7	58.0	19	1.3	7.7	0.9	<0.1	1	7
125658	Drill Core	1.98	0.113	9.8	9	0.62	31	0.056	7.17	0.781	1.85	0.5	59.0	23	1.3	8.2	0.9	<0.1	1	7
125659	Drill Core	2.22	0.118	11.5	10	0.92	46	0.053	7.66	0.682	1.70	0.5	62.9	26	1.0	8.7	1.2	<0.1	<1	8
125660	Drill Core	1.80	0.077	14.1	55	0.93	32	0.105	7.28	0.337	2.71	1.3	33.5	32	2.0	8.0	1.1	<0.1	2	15
125661	Drill Core	0.63	0.060	6.9	69	0.39	26	0.121	5.96	0.323	2.84	2.0	28.8	19	3.6	6.9	1.0	<0.1	1	16
125662	Drill Core	0.59	0.048	3.7	67	0.42	45	0.105	4.45	0.206	2.40	2.4	23.7	11	3.5	7.8	0.8	<0.1	<1	13
125663	Drill Core	0.72	0.059	10.4	77	0.51	33	0.077	4.86	0.219	2.31	2.2	30.9	25	3.6	8.2	0.8	<0.1	<1	11
125664	Drill Core	0.40	0.058	12.6	88	0.33	26	0.075	4.52	0.229	2.36	2.0	29.7	29	3.2	7.3	0.7	<0.1	<1	10
125665	Rock Pulp	0.33	0.111	13.1	63	1.00	85	0.282	6.13	1.480	3.18	14.7	26.4	27	2.4	10.0	2.6	0.1	1	15
125666	Drill Core	0.75	0.063	14.5	91	0.52	40	0.082	5.55	0.383	2.63	1.6	34.7	33	2.6	7.2	1.0	<0.1	<1	11
125667	Drill Core	0.59	0.064	11.8	86	0.43	25	0.082	5.28	0.366	2.58	1.1	31.2	30	2.6	7.9	0.7	<0.1	<1	13
125668	Drill Core	1.39	0.082	13.3	66	0.69	25	0.076	5.89	0.432	2.18	1.2	29.6	29	2.4	8.0	0.8	<0.1	<1	12
125669	Drill Core	1.04	0.072	17.1	90	0.94	71	0.143	7.53	0.337	2.85	0.5	41.8	37	2.2	8.2	1.7	<0.1	2	17
125670	Drill Core	1.02	0.070	16.5	84	1.23	61	0.131	6.93	0.362	2.76	0.5	39.3	38	1.9	7.7	1.6	<0.1	1	15
125671	Drill Core	1.04	0.074	17.1	89	1.29	74	0.133	7.12	0.386	2.87	0.6	39.7	39	1.7	7.8	1.4	<0.1	2	15
125672	Drill Core	1.90	0.091	14.3	73	1.15	34	0.111	7.73	0.793	2.13	0.9	34.3	32	2.3	10.0	1.3	<0.1	2	17
125673	Drill Core	2.06	0.107	11.6	18	0.98	25	0.058	5.64	1.171	1.38	0.4	32.2	27	1.1	7.2	1.0	<0.1	1	7



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125644	Drill Core	8.1	61.1	1.9
125645	Drill Core	6.3	58.7	1.6
125646	Drill Core	4.2	50.8	2.0
125647	Drill Core	4.3	43.2	1.9
125648	Drill Core	4.8	45.1	1.7
125649	Drill Core	4.5	39.6	1.6
125650	Rock Pulp	1.9	119.8	0.7
125651	Drill Core	5.3	46.1	1.7
125652	Drill Core	4.8	42.0	1.7
125653	Drill Core	4.4	42.6	1.7
125654	Rock	<0.1	0.4	<0.1
125655	Drill Core	4.6	31.3	1.9
125656	Drill Core	5.6	41.2	1.7
125657	Drill Core	5.4	45.3	1.8
125658	Drill Core	4.6	55.6	1.7
125659	Drill Core	3.9	54.2	1.9
125660	Drill Core	5.4	87.2	0.8
125661	Drill Core	8.0	73.8	0.8
125662	Drill Core	>10	64.2	0.7
125663	Drill Core	6.4	70.3	0.9
125664	Drill Core	6.2	69.2	0.8
125665	Rock Pulp	2.0	106.8	0.8
125666	Drill Core	3.8	88.7	1.0
125667	Drill Core	6.5	84.3	0.8
125668	Drill Core	5.5	68.3	0.9
125669	Drill Core	2.3	82.3	1.1
125670	Drill Core	2.7	71.1	1.2
125671	Drill Core	2.8	74.6	1.1
125672	Drill Core	4.1	64.9	1.0
125673	Drill Core	6.0	31.5	0.9



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
125674	Drill Core	7.46	0.006	8.3	107.6	3.2	16	<0.1	67.7	19.0	178	3.87	<1	1.5	<0.1	5.0	200	<0.1	0.5	<0.1	151
125675	Rock	0.60	<0.005	<0.1	0.7	0.8	12	<0.1	2.0	0.6	221	0.40	<1	0.7	<0.1	<0.1	41	0.1	<0.1	<0.1	1
125676	Drill Core	6.41	0.009	6.8	130.6	3.2	12	<0.1	82.8	19.5	134	4.28	1	1.6	<0.1	4.2	113	<0.1	0.7	<0.1	140
125677	Drill Core	1.99	0.010	4.8	114.1	3.7	19	<0.1	59.2	12.5	164	2.81	1	1.5	<0.1	6.0	177	<0.1	0.3	<0.1	141
125678	Drill Core	6.55	<0.005	7.8	60.4	3.3	14	<0.1	61.9	18.8	145	4.51	<1	1.4	<0.1	4.6	269	<0.1	0.2	0.1	112
125679	Drill Core	6.92	<0.005	6.9	83.4	4.1	16	<0.1	59.2	14.2	158	3.09	<1	1.4	<0.1	5.4	269	<0.1	0.3	<0.1	121
125680	Drill Core	6.91	0.005	17.4	189.9	8.8	25	0.1	69.3	13.8	249	3.39	<1	1.7	<0.1	6.8	304	<0.1	1.0	0.1	132
125681	Drill Core	7.43	0.016	12.7	362.1	1043	1179	41.5	74.5	22.8	649	4.97	14	1.8	<0.1	6.3	281	9.6	66.6	0.3	123
125682	Drill Core	6.27	0.007	10.5	203.3	52.4	61	2.1	59.4	13.9	690	3.36	3	1.6	<0.1	6.1	339	0.4	3.2	0.2	124
125683	Drill Core	7.36	0.009	22.3	272.1	5.7	26	0.1	71.9	19.5	433	4.36	1	1.6	<0.1	5.4	382	<0.1	0.8	0.1	139
125684	Drill Core	7.21	0.008	10.2	282.7	76.5	236	2.0	89.4	24.5	1152	5.58	12	1.9	<0.1	6.0	253	1.7	6.6	0.2	140
125685	Rock	0.64	<0.005	0.3	5.9	1.1	13	<0.1	2.1	0.8	251	0.54	<1	0.7	<0.1	<0.1	45	<0.1	<0.1	<0.1	2
125686	Drill Core	7.42	<0.005	4.9	197.3	12.9	32	0.5	70.5	14.7	699	4.01	3	2.0	<0.1	7.2	300	<0.1	1.4	0.1	139
125687	Drill Core	1.13	0.008	8.3	261.9	7.5	25	0.1	62.1	14.8	308	3.10	3	1.7	<0.1	6.4	320	<0.1	0.7	0.1	139
125688	Drill Core	7.08	0.007	12.1	271.8	15.8	50	0.3	56.9	25.8	311	5.15	<1	1.1	<0.1	4.3	346	0.2	0.5	0.2	93
125689	Drill Core	3.86	0.008	9.9	333.6	17.3	51	0.3	60.0	28.6	315	5.27	<1	1.1	<0.1	3.8	359	0.2	0.4	0.2	97
125690	Drill Core	5.84	<0.005	30.9	213.0	15.0	50	0.1	56.0	16.2	202	3.97	<1	1.1	<0.1	4.4	525	0.2	0.5	<0.1	97
125691	Drill Core	7.29	0.010	22.1	373.9	10.4	40	0.2	18.3	20.3	184	5.72	1	1.5	<0.1	3.0	484	0.8	0.4	0.1	81
125692	Drill Core	7.75	0.018	12.4	2360	10.5	36	0.8	48.2	44.7	222	14.10	15	1.7	<0.1	3.1	324	<0.1	1.4	0.3	75
125693	Drill Core	7.37	0.010	15.2	412.6	86.8	160	2.6	23.3	27.4	479	5.29	2	1.5	<0.1	3.5	347	1.0	1.6	0.1	89
125694	Rock Pulp	0.15	1.073	384.7	3496	27.8	69	2.2	35.9	11.0	644	3.95	12	1.0	1.0	2.3	281	0.3	5.5	0.7	90
125695	Drill Core	6.11	0.011	16.5	342.7	276.6	998	14.7	16.7	16.9	1360	3.80	31	2.4	<0.1	4.8	391	5.5	36.7	0.1	81
125696	Drill Core	2.05	0.006	33.1	176.5	78.1	137	0.8	15.2	12.5	534	2.90	25	1.9	<0.1	4.4	547	0.9	3.8	<0.1	75
125697	Drill Core	6.97	0.019	24.1	245.9	12.1	36	0.2	35.9	13.6	241	3.09	29	1.2	<0.1	6.0	521	0.2	2.0	<0.1	98
125698	Drill Core	6.27	0.007	6.1	283.3	11.5	38	0.2	29.9	11.9	231	3.28	55	1.2	<0.1	5.6	541	0.2	2.9	<0.1	98
125699	Drill Core	8.78	0.008	50.8	369.1	8.5	48	0.6	16.6	13.6	336	3.78	84	1.4	<0.1	5.8	417	<0.1	16.6	<0.1	59
125700	Drill Core	4.51	0.005	37.4	386.4	7.4	37	0.3	24.3	18.1	311	4.10	92	1.4	<0.1	5.5	679	0.2	6.8	<0.1	67
125701	Drill Core	6.55	0.011	29.3	572.5	6.3	26	0.2	40.7	19.2	222	3.55	47	1.5	<0.1	6.7	267	0.1	3.0	<0.1	101
125702	Drill Core	6.62	<0.005	41.4	142.3	48.4	118	1.0	34.1	21.4	243	5.19	9	1.3	<0.1	5.4	187	0.8	1.6	0.2	129
125703	Rock Pulp	0.11	0.915	22.8	5433	6478	>10000	77.6	48.8	20.9	567	9.83	456	2.2	0.9	2.2	152	233.9	112.3	26.1	79



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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125674	Drill Core	0.87	0.075	11.2	84	1.06	38	0.122	6.22	0.378	2.24	1.0	33.6	28	2.9	6.7	1.3	<0.1	1	14
125675	Rock	21.13	0.014	0.6	<1	11.12	13	0.001	0.07	0.006	0.02	<0.1	0.4	1	<0.1	0.6	<0.1	<0.1	<1	<1
125676	Drill Core	0.57	0.066	7.9	67	1.02	24	0.118	5.84	0.282	2.42	0.7	30.9	21	2.6	6.5	1.3	<0.1	<1	12
125677	Drill Core	0.76	0.059	13.3	84	1.08	41	0.132	6.74	0.341	2.76	0.9	31.7	31	3.1	6.7	1.5	<0.1	1	14
125678	Drill Core	1.55	0.056	14.2	70	1.16	20	0.060	5.31	0.403	1.46	0.8	31.3	32	1.8	7.0	0.6	<0.1	<1	11
125679	Drill Core	1.58	0.064	14.6	82	0.96	28	0.089	6.68	0.473	1.96	0.6	36.2	34	2.1	7.6	1.0	<0.1	1	13
125680	Drill Core	1.81	0.074	17.0	90	1.15	36	0.121	8.31	0.544	2.20	0.6	40.6	39	2.0	9.0	1.2	<0.1	2	17
125681	Drill Core	1.84	0.080	19.6	78	0.85	30	0.095	8.16	0.499	2.40	1.3	41.9	43	2.3	9.5	1.3	<0.1	1	16
125682	Drill Core	2.17	0.066	17.3	90	1.25	97	0.091	6.92	0.318	2.28	0.6	38.2	37	1.7	7.5	1.1	0.2	1	14
125683	Drill Core	1.31	0.076	10.2	92	1.21	43	0.104	6.69	0.533	1.96	0.3	37.7	25	1.6	6.4	0.9	<0.1	2	13
125684	Drill Core	0.85	0.069	16.0	82	0.98	44	0.110	6.35	0.299	2.61	0.7	38.1	38	2.0	6.9	1.5	<0.1	1	13
125685	Rock	20.92	0.017	0.4	<1	13.26	19	0.003	0.08	0.005	0.03	<0.1	0.3	<1	<0.1	0.7	0.1	<0.1	<1	<1
125686	Drill Core	1.32	0.073	20.5	78	1.00	54	0.104	7.30	0.396	2.68	0.7	40.9	46	2.0	7.9	1.2	<0.1	2	15
125687	Drill Core	1.52	0.063	10.8	88	1.02	71	0.102	7.35	0.548	2.38	0.5	45.0	25	1.3	6.9	1.2	<0.1	1	14
125688	Drill Core	2.04	0.061	13.7	73	0.89	28	0.053	5.35	0.585	1.58	0.5	28.4	29	1.1	6.5	0.6	<0.1	1	10
125689	Drill Core	2.16	0.058	13.9	75	0.90	32	0.056	5.53	0.617	1.58	0.5	30.0	30	1.4	6.5	0.8	<0.1	1	10
125690	Drill Core	2.30	0.055	8.1	73	1.05	32	0.059	6.00	0.854	1.50	0.5	32.1	19	1.2	6.0	0.8	<0.1	1	11
125691	Drill Core	2.87	0.118	8.1	10	1.17	32	0.061	5.75	1.158	1.32	0.6	48.1	21	1.6	7.2	1.0	<0.1	<1	6
125692	Drill Core	1.69	0.107	3.2	17	0.75	18	0.063	5.15	1.164	0.96	0.4	45.4	8	1.0	6.1	1.1	<0.1	<1	6
125693	Drill Core	2.61	0.125	6.0	17	1.06	32	0.059	6.55	1.122	1.32	0.4	58.7	15	0.8	7.4	1.3	<0.1	1	9
125694	Rock Pulp	1.70	0.059	8.5	43	0.90	590	0.300	5.40	2.196	0.97	1.6	40.2	19	2.5	14.3	4.3	0.2	<1	11
125695	Drill Core	2.24	0.129	10.9	13	1.00	56	0.064	7.30	0.272	2.45	0.6	66.4	25	0.7	9.3	1.0	<0.1	2	9
125696	Drill Core	2.89	0.116	8.8	12	1.11	72	0.057	6.84	0.677	1.80	0.3	62.8	22	0.6	8.4	1.2	<0.1	1	8
125697	Drill Core	2.65	0.058	15.8	79	0.94	40	0.054	6.37	0.964	1.61	0.3	29.0	33	0.9	7.3	0.8	<0.1	1	11
125698	Drill Core	2.24	0.059	15.0	74	0.98	34	0.051	6.55	0.719	1.53	0.2	29.6	31	0.9	7.2	0.8	<0.1	1	11
125699	Drill Core	1.35	0.102	22.2	13	0.93	36	0.049	6.76	0.298	2.27	0.4	29.5	43	1.0	9.1	0.8	<0.1	2	7
125700	Drill Core	1.49	0.104	21.5	26	1.03	53	0.050	6.81	0.269	1.99	0.4	34.7	42	0.9	8.3	0.8	<0.1	1	8
125701	Drill Core	1.67	0.079	22.3	61	1.25	42	0.066	7.20	0.167	2.37	0.4	34.0	46	0.9	8.4	1.0	<0.1	1	11
125702	Drill Core	0.89	0.066	15.9	52	0.82	26	0.083	6.61	0.230	2.53	1.5	27.1	34	2.2	7.8	1.0	<0.1	<1	11
125703	Rock Pulp	1.82	0.052	11.6	32	0.96	16	0.196	3.80	1.337	0.76	1.1	30.1	25	52.9	11.5	4.6	0.2	<1	8



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125674	Drill Core	4.2	52.2	1.0
125675	Rock	<0.1	0.6	<0.1
125676	Drill Core	4.7	58.8	0.9
125677	Drill Core	3.1	67.7	1.0
125678	Drill Core	5.9	33.2	0.9
125679	Drill Core	3.8	48.9	1.1
125680	Drill Core	3.6	59.4	1.1
125681	Drill Core	5.2	76.4	1.2
125682	Drill Core	3.1	48.9	1.1
125683	Drill Core	3.9	36.1	1.1
125684	Drill Core	5.2	64.3	1.1
125685	Rock	<0.1	1.0	<0.1
125686	Drill Core	3.7	66.9	1.2
125687	Drill Core	2.7	53.3	1.3
125688	Drill Core	5.8	38.9	0.8
125689	Drill Core	6.1	32.9	0.9
125690	Drill Core	4.8	29.1	0.9
125691	Drill Core	7.3	19.0	1.4
125692	Drill Core	>10	17.5	1.4
125693	Drill Core	5.5	23.9	1.6
125694	Rock Pulp	0.4	24.0	1.2
125695	Drill Core	3.6	69.0	1.8
125696	Drill Core	3.4	35.7	1.9
125697	Drill Core	3.8	50.2	0.9
125698	Drill Core	3.7	49.3	0.8
125699	Drill Core	3.7	72.9	0.8
125700	Drill Core	4.1	61.0	1.1
125701	Drill Core	3.3	71.5	1.1
125702	Drill Core	5.3	88.2	0.8
125703	Rock Pulp	9.7	22.7	0.8



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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125704	Drill Core	7.27	0.010	69.8	425.1	14.2	73	0.3	44.1	25.8	279	4.71	22	1.8	<0.1	5.8	260	0.5	2.9	0.3
125705	Drill Core	6.67	0.015	59.0	749.8	9.3	31	0.3	14.9	30.4	524	4.80	8	2.2	<0.1	5.7	221	0.2	1.3	0.2
125706	Drill Core	7.06	0.014	52.7	610.8	305.8	1784	9.6	12.8	24.5	2529	4.19	110	2.5	<0.1	5.1	277	11.8	46.1	0.3
125707	Drill Core	6.66	0.021	23.1	985.1	172.5	426	6.9	14.3	28.6	1356	5.28	66	1.9	<0.1	4.6	359	2.7	24.7	0.2
125708	Drill Core	6.99	0.018	47.1	1102	85.4	233	1.4	13.6	34.0	920	5.34	233	2.2	<0.1	5.1	383	1.3	8.8	0.2
125709	Rock	0.56	<0.005	0.2	6.2	1.7	13	<0.1	1.4	0.7	242	0.50	<1	0.4	<0.1	<0.1	42	<0.1	0.1	<0.1
125710	Drill Core	2.26	0.008	81.4	252.0	134.7	346	3.3	28.8	57.7	969	7.84	28	2.1	<0.1	3.9	537	2.2	4.1	0.2
125711	Drill Core	6.06	<0.005	2.0	24.5	19.7	76	0.3	14.0	8.5	873	1.91	21	3.9	<0.1	6.4	855	0.2	3.7	0.2
125712	Drill Core	6.40	<0.005	2.0	35.5	22.2	86	0.9	10.2	6.5	659	1.88	35	6.7	<0.1	7.6	384	0.4	4.4	0.3
125713	Drill Core	6.28	<0.005	0.8	36.7	31.9	112	1.8	9.3	7.2	706	2.05	19	6.9	<0.1	7.5	396	0.5	4.1	0.2
125714	Drill Core	1.98	<0.005	1.1	15.3	32.6	134	<0.1	13.4	7.9	817	2.49	5	2.3	<0.1	5.9	701	0.3	3.0	<0.1
125715	Drill Core	7.42	0.010	69.4	476.4	27.8	84	0.4	7.2	16.2	608	3.35	10	1.9	<0.1	4.6	756	0.3	0.8	0.1
125716	Drill Core	6.99	0.012	8.3	464.3	17.3	54	0.3	11.0	21.7	495	4.85	<1	1.7	<0.1	3.9	523	0.3	0.4	0.1
125717	Drill Core	7.13	0.015	23.5	381.7	18.2	72	0.5	15.3	60.4	498	6.42	<1	1.9	<0.1	4.4	403	0.4	0.4	0.2
125718	Drill Core	6.90	0.017	22.6	471.8	81.5	113	0.6	11.3	28.8	680	5.37	3	1.7	<0.1	5.2	300	0.7	0.6	0.2
125719	Drill Core	3.70	0.011	20.4	479.3	110.7	103	0.6	12.0	27.3	783	4.74	<1	1.7	<0.1	5.2	295	0.4	0.7	0.1
125720	Drill Core	6.59	0.016	16.5	718.8	9.1	33	0.3	12.7	28.2	308	5.16	<1	1.8	<0.1	5.5	95	0.2	0.2	0.1
125721	Drill Core	5.82	0.020	17.3	791.2	7.4	35	0.4	12.8	26.3	321	5.12	<1	1.9	<0.1	5.2	175	0.1	0.4	0.1
125722	Drill Core	6.90	0.024	39.2	852.2	25.3	119	0.7	41.3	29.7	1146	4.66	20	1.2	<0.1	5.1	387	0.8	2.8	0.2
125723	Drill Core	7.10	0.007	27.8	402.7	13.2	33	0.3	45.9	26.7	422	3.83	2	1.3	<0.1	5.9	163	0.2	0.4	0.2
125724	Drill Core	7.11	0.020	42.1	405.1	41.4	276	0.8	35.1	26.6	2482	4.13	2	1.4	<0.1	5.8	92	1.5	0.6	0.2
125725	Rock Pulp	0.12	0.811	21.7	5080	6373	>10000	71.6	46.8	18.3	487	9.22	311	1.9	1.0	2.0	141	220.6	107.5	24.3
125726	Drill Core	6.76	0.017	51.3	829.1	9.8	41	0.7	26.3	31.1	518	5.48	6	1.9	<0.1	4.5	74	<0.1	0.5	0.2
125727	Drill Core	6.91	0.008	69.7	497.5	17.4	49	0.6	14.4	24.2	663	3.73	1	1.7	<0.1	4.9	198	0.2	0.4	0.1
125728	Drill Core	2.67	0.013	29.4	395.8	39.9	63	0.7	14.8	15.7	943	3.24	<1	1.8	<0.1	4.6	186	0.3	0.6	0.2
125729	Drill Core	6.36	0.012	21.1	526.4	37.1	94	0.6	60.9	22.4	462	3.89	2	1.0	<0.1	5.7	220	0.4	0.3	0.1
125730	Rock	0.50	<0.005	0.2	4.0	1.2	13	<0.1	1.9	0.7	227	0.51	<1	0.6	<0.1	0.1	41	<0.1	<0.1	<0.1
125731	Drill Core	4.89	0.017	43.7	663.6	138.5	333	1.6	83.8	35.6	757	5.51	18	1.0	<0.1	4.5	242	2.0	1.1	0.2
125732	Drill Core	2.73	0.008	1.1	50.4	23.4	138	0.5	14.9	7.9	974	2.17	22	2.7	<0.1	5.4	1187	0.5	3.6	0.1
125733	Drill Core	7.04	0.054	34.0	731.1	93.9	499	1.2	25.1	29.5	2860	4.89	59	1.3	<0.1	3.5	428	2.5	5.6	0.1



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125704	Drill Core	1.67	0.097	18.7	40	1.15	34	0.065	7.62	0.229	2.63	0.4	45.5	41	1.2	9.3	0.9	<0.1	1	12
125705	Drill Core	3.25	0.109	17.0	9	1.54	39	0.064	7.32	0.175	1.51	0.2	55.4	33	0.8	9.5	0.7	<0.1	1	7
125706	Drill Core	2.35	0.108	15.7	9	1.08	82	0.136	7.32	0.134	2.55	0.6	53.9	32	1.1	8.9	1.7	0.1	<1	7
125707	Drill Core	2.56	0.117	8.7	9	0.96	44	0.067	6.68	0.238	2.12	0.4	47.4	20	1.1	8.1	1.0	<0.1	1	6
125708	Drill Core	1.89	0.108	15.3	11	0.97	39	0.062	6.58	0.163	2.17	0.4	48.8	33	1.2	8.3	0.9	<0.1	2	7
125709	Rock	20.05	0.017	0.6	<1	12.70	21	0.003	0.09	0.004	0.03	<0.1	0.6	1	<0.1	0.9	0.2	<0.1	<1	<1
125710	Drill Core	1.23	0.095	9.9	8	0.76	22	0.062	5.94	0.228	2.62	1.0	41.8	26	2.4	9.5	1.0	<0.1	<1	7
125711	Drill Core	2.83	0.102	16.7	17	1.13	893	0.269	7.01	0.057	1.69	0.9	93.7	36	0.8	8.8	9.0	0.7	1	6
125712	Drill Core	2.95	0.076	13.2	13	1.08	907	0.195	6.41	0.060	1.79	1.0	74.6	28	0.7	8.2	9.4	0.7	2	4
125713	Drill Core	3.12	0.076	13.2	12	1.04	1120	0.193	6.34	0.195	1.73	0.7	73.9	28	0.6	8.2	9.4	0.7	2	4
125714	Drill Core	3.15	0.111	15.9	17	1.23	794	0.271	6.75	1.016	1.71	0.6	97.7	35	0.8	8.2	8.8	0.6	2	6
125715	Drill Core	2.49	0.115	21.4	7	0.96	53	0.063	7.21	1.712	1.99	0.3	42.2	49	0.9	9.7	1.3	<0.1	1	6
125716	Drill Core	2.77	0.118	9.9	9	0.91	30	0.060	6.18	2.249	1.44	0.4	41.7	24	1.0	9.5	0.9	<0.1	1	6
125717	Drill Core	2.19	0.107	10.1	8	0.82	25	0.055	6.67	0.679	1.95	0.6	36.8	22	1.9	8.4	0.8	<0.1	1	6
125718	Drill Core	2.00	0.112	8.2	8	0.82	38	0.056	7.17	0.635	2.01	0.6	38.3	18	1.9	7.2	0.9	<0.1	<1	7
125719	Drill Core	1.97	0.113	7.8	9	0.77	31	0.059	7.26	0.681	2.05	0.6	39.3	17	1.8	7.1	0.9	<0.1	<1	7
125720	Drill Core	2.12	0.107	13.4	10	1.02	44	0.065	7.38	0.199	1.61	0.3	44.6	28	1.2	8.5	0.9	<0.1	1	7
125721	Drill Core	2.04	0.108	17.4	12	1.05	40	0.082	7.33	0.736	1.88	0.5	47.7	37	1.1	8.3	0.9	<0.1	1	8
125722	Drill Core	1.82	0.066	13.8	51	0.97	47	0.075	6.95	0.236	2.77	1.0	28.6	29	1.5	7.1	1.0	<0.1	1	12
125723	Drill Core	1.40	0.067	16.7	67	0.88	45	0.081	7.44	0.234	2.94	0.8	29.3	36	1.6	8.2	1.0	<0.1	<1	13
125724	Drill Core	3.25	0.051	18.6	46	1.53	479	0.073	6.64	0.128	2.69	1.2	39.3	36	1.6	7.9	1.0	<0.1	<1	11
125725	Rock Pulp	1.80	0.052	9.8	30	0.88	24	0.169	3.69	1.269	0.75	1.2	28.4	22	47.4	9.7	4.3	0.2	<1	7
125726	Drill Core	1.86	0.130	14.7	17	1.72	51	0.084	7.42	0.122	1.95	0.4	51.4	32	1.2	9.2	0.8	<0.1	1	10
125727	Drill Core	2.51	0.132	15.8	14	1.36	87	0.093	7.60	0.150	2.34	0.8	43.1	33	1.3	9.9	1.1	<0.1	2	9
125728	Drill Core	2.50	0.139	16.3	17	1.40	99	0.109	7.74	0.123	2.23	0.7	49.8	36	1.4	11.2	1.4	<0.1	1	10
125729	Drill Core	2.05	0.076	8.6	60	1.09	54	0.095	7.79	0.544	2.47	0.6	21.0	20	1.1	7.6	1.0	<0.1	2	15
125730	Rock	22.04	0.016	0.8	<1	12.38	37	0.013	0.10	0.004	0.02	<0.1	0.7	1	<0.1	0.7	<0.1	<0.1	<1	<1
125731	Drill Core	1.75	0.080	23.4	45	0.97	32	0.090	6.70	0.120	2.54	0.4	15.7	53	0.8	8.0	0.8	<0.1	<1	14
125732	Drill Core	3.42	0.135	22.2	18	1.44	626	0.321	7.23	0.072	2.61	0.5	101.4	46	0.6	7.9	8.6	0.5	2	6
125733	Drill Core	2.54	0.131	17.5	19	1.14	79	0.075	7.11	0.235	2.40	0.2	35.2	36	0.9	8.6	0.5	<0.1	1	10



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CERTIFICATE OF ANALYSIS

SMI11000757.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125704	Drill Core	4.7	78.9	1.3
125705	Drill Core	4.6	46.4	1.6
125706	Drill Core	3.2	93.0	1.7
125707	Drill Core	5.0	41.2	1.5
125708	Drill Core	5.1	45.9	1.6
125709	Rock	<0.1	1.1	<0.1
125710	Drill Core	8.3	75.2	1.4
125711	Drill Core	0.2	45.7	2.7
125712	Drill Core	<0.1	44.5	2.5
125713	Drill Core	<0.1	42.2	2.4
125714	Drill Core	<0.1	44.8	2.8
125715	Drill Core	3.4	50.3	1.3
125716	Drill Core	5.5	30.0	1.2
125717	Drill Core	6.8	56.6	1.1
125718	Drill Core	5.5	63.2	1.1
125719	Drill Core	4.9	62.6	1.0
125720	Drill Core	4.7	46.2	1.3
125721	Drill Core	4.5	52.6	1.4
125722	Drill Core	4.3	80.3	0.7
125723	Drill Core	3.6	82.6	0.9
125724	Drill Core	3.5	82.0	1.4
125725	Rock Pulp	9.6	20.8	0.8
125726	Drill Core	4.7	62.5	1.4
125727	Drill Core	3.3	73.2	1.2
125728	Drill Core	2.4	71.4	1.3
125729	Drill Core	3.6	69.8	0.5
125730	Rock	<0.1	0.8	<0.1
125731	Drill Core	5.2	76.9	0.4
125732	Drill Core	0.1	85.8	2.6
125733	Drill Core	4.3	89.3	1.0



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Part 1

QUALITY CONTROL REPORT

SMI11000757.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
125631	Drill Core	7.27	<0.005	24.7	35.9	8.0	28	<0.1	10.3	12.9	250	5.62	5	2.2	<0.1	4.9	248	<0.1	1.6	0.3	71
REP 125631	QC	<0.005																			
125635	Drill Core	7.02	<0.005	11.2	12.2	26.5	58	0.3	9.8	10.8	333	4.95	2	2.3	<0.1	5.6	221	0.4	2.9	0.1	69
REP 125635	QC	11.8 10.9 27.3 58 0.3 9.5 10.4 333 4.71 3 2.3 <0.1 5.7 220 0.6 2.6 0.1 64																			
125674	Drill Core	7.46	0.006	8.3	107.6	3.2	16	<0.1	67.7	19.0	178	3.87	<1	1.5	<0.1	5.0	200	<0.1	0.5	<0.1	151
REP 125674	QC	7.8 102.3 3.0 17 <0.1 64.1 18.0 185 3.86 <1 1.5 <0.1 6.3 225 <0.1 0.5 <0.1 148																			
125679	Drill Core	6.92	<0.005	6.9	83.4	4.1	16	<0.1	59.2	14.2	158	3.09	<1	1.4	<0.1	5.4	269	<0.1	0.3	<0.1	121
REP 125679	QC	<0.005																			
125696	Drill Core	2.05	0.006	33.1	176.5	78.1	137	0.8	15.2	12.5	534	2.90	25	1.9	<0.1	4.4	547	0.9	3.8	<0.1	75
REP 125696	QC	0.006																			
125732	Drill Core	2.73	0.008	1.1	50.4	23.4	138	0.5	14.9	7.9	974	2.17	22	2.7	<0.1	5.4	1187	0.5	3.6	0.1	74
REP 125732	QC	0.008																			
Core Reject Duplicates																					
125629	Rock	0.57	<0.005	0.1	0.6	1.8	13	<0.1	1.2	0.8	263	0.49	2	0.6	<0.1	0.1	47	<0.1	<0.1	<0.1	<1
DUP 125629	QC	<0.005 0.1 0.2 1.2 12 <0.1 1.3 0.6 250 0.46 <1 0.6 <0.1 <0.1 45 <0.1 <0.1 <0.1 <1																			
125664	Drill Core	7.70	0.006	6.4	18.6	63.0	208	1.1	56.9	25.2	213	5.42	<1	1.1	<0.1	3.5	172	1.2	2.5	0.3	123
DUP 125664	QC	<0.005 6.6 18.0 65.3 212 1.0 58.2 25.2 212 5.57 <1 1.0 <0.1 3.4 173 1.0 2.4 0.3 121																			
125699	Drill Core	8.78	0.008	50.8	369.1	8.5	48	0.6	16.6	13.6	336	3.78	84	1.4	<0.1	5.8	417	<0.1	16.6	<0.1	59
DUP 125699	QC	0.006 66.9 366.1 8.0 47 0.6 16.1 14.2 340 3.83 88 1.4 <0.1 5.8 440 0.2 16.8 <0.1 60																			
Reference Materials																					
STD OREAS24P	Standard	1.6 55.0 3.2 121 <0.1 154.0 48.6 1161 7.83 1 0.8 <0.1 3.2 409 0.2 0.1 <0.1 171																			
STD OREAS24P	Standard	1.6 44.3 2.9 106 <0.1 133.9 42.3 1032 7.09 1 0.8 <0.1 3.1 354 <0.1 <0.1 <0.1 141																			
STD OREAS24P	Standard	1.3 45.0 2.8 107 <0.1 129.4 40.6 1062 7.02 2 0.7 <0.1 3.0 373 <0.1 0.1 <0.1 146																			
STD OREAS24P	Standard	1.6 51.3 2.3 117 <0.1 145.0 46.8 1133 7.40 <1 0.7 <0.1 3.1 374 0.1 0.3 <0.1 166																			
STD OREAS45C	Standard	2.9 650.5 28.5 91 0.3 355.0 108.4 1205 18.48 12 2.6 <0.1 11.9 43 <0.1 1.1 0.3 277																			
STD OREAS45C	Standard	2.3 614.2 26.8 79 0.3 314.7 98.6 1172 18.54 13 2.7 <0.1 11.9 39 0.1 1.0 0.3 264																			
STD OREAS45C	Standard	1.9 584.7 26.5 77 0.4 317.4 96.9 1118 17.78 10 2.5 <0.1 11.9 38 0.1 1.2 0.3 254																			
STD OREAS45C	Standard	2.0 599.6 24.5 79 0.3 317.2 100.5 1135 16.37 10 2.3 <0.1 10.7 32 0.2 0.9 0.3 242																			



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
125631	Drill Core	1.60	0.106	9.5	13	0.53	24	0.077	7.14	0.369	2.13	0.8	52.0	23	3.8	7.4	1.2	<0.1	<1	7
REP 125631	QC																			
125635	Drill Core	3.16	0.098	13.4	9	0.70	37	0.071	7.00	0.404	1.99	0.6	53.7	29	2.8	7.8	1.2	<0.1	1	6
REP 125635	QC	3.00	0.094	12.7	10	0.71	44	0.068	7.06	0.397	1.97	0.5	53.8	28	2.6	7.9	1.1	<0.1	1	6
125674	Drill Core	0.87	0.075	11.2	84	1.06	38	0.122	6.22	0.378	2.24	1.0	33.6	28	2.9	6.7	1.3	<0.1	1	14
REP 125674	QC	0.94	0.073	14.6	80	1.06	45	0.122	7.09	0.377	2.30	0.9	33.4	34	2.8	7.4	1.4	<0.1	2	15
125679	Drill Core	1.58	0.064	14.6	82	0.96	28	0.089	6.68	0.473	1.96	0.6	36.2	34	2.1	7.6	1.0	<0.1	1	13
REP 125679	QC																			
125696	Drill Core	2.89	0.116	8.8	12	1.11	72	0.057	6.84	0.677	1.80	0.3	62.8	22	0.6	8.4	1.2	<0.1	1	8
REP 125696	QC																			
125732	Drill Core	3.42	0.135	22.2	18	1.44	626	0.321	7.23	0.072	2.61	0.5	101.4	46	0.6	7.9	8.6	0.5	2	6
REP 125732	QC																			
Core Reject Duplicates																				
125629	Rock	21.71	0.015	0.6	<1	11.52	17	0.002	0.10	0.005	0.04	<0.1	0.4	1	0.1	0.9	0.2	<0.1	<1	<1
DUP 125629	QC	20.48	0.014	0.6	<1	11.27	14	0.002	0.09	0.004	0.03	<0.1	0.3	<1	0.1	0.8	0.1	<0.1	<1	<1
125664	Drill Core	0.40	0.058	12.6	88	0.33	26	0.075	4.52	0.229	2.36	2.0	29.7	29	3.2	7.3	0.7	<0.1	<1	10
DUP 125664	QC	0.41	0.060	11.9	89	0.32	23	0.075	4.43	0.229	2.45	2.0	29.0	28	3.3	6.6	0.6	<0.1	<1	10
125699	Drill Core	1.35	0.102	22.2	13	0.93	36	0.049	6.76	0.298	2.27	0.4	29.5	43	1.0	9.1	0.8	<0.1	2	7
DUP 125699	QC	1.39	0.102	23.3	16	0.91	39	0.049	7.01	0.305	2.06	0.4	29.6	43	1.0	9.1	1.1	<0.1	2	7
Reference Materials																				
STD OREAS24P	Standard	5.72	0.138	19.0	210	4.22	295	1.075	7.62	2.547	0.69	0.4	136.9	38	1.8	24.3	19.6	1.2	1	20
STD OREAS24P	Standard	5.35	0.128	17.4	196	3.86	264	1.034	7.28	2.250	0.62	0.4	125.6	35	1.4	22.0	18.1	1.0	1	19
STD OREAS24P	Standard	5.33	0.132	17.6	172	3.85	275	1.009	7.24	2.290	0.63	0.4	126.6	36	1.5	22.5	18.6	1.1	<1	18
STD OREAS24P	Standard	5.98	0.129	20.3	207	4.08	287	1.075	7.66	2.416	0.66	0.4	134.3	38	1.7	23.3	19.3	1.1	1	20
STD OREAS45C	Standard	0.47	0.053	27.2	970	0.28	310	1.165	7.21	0.106	0.37	1.1	172.6	53	3.1	14.5	23.8	1.5	<1	61
STD OREAS45C	Standard	0.49	0.052	27.6	920	0.25	297	1.240	7.10	0.097	0.35	1.1	176.4	55	3.1	14.8	23.7	1.5	1	60
STD OREAS45C	Standard	0.46	0.049	26.5	897	0.24	280	1.100	7.08	0.097	0.34	1.1	162.8	53	2.8	13.4	21.5	1.3	<1	60
STD OREAS45C	Standard	0.46	0.046	26.7	921	0.25	271	1.106	7.14	0.097	0.32	1.0	151.9	48	2.7	12.8	20.6	1.3	<1	57



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125631	Drill Core	5.9	56.4	1.7
REP 125631	QC			
125635	Drill Core	4.9	44.9	1.8
REP 125635	QC	4.7	46.9	1.8
125674	Drill Core	4.2	52.2	1.0
REP 125674	QC	4.2	61.4	1.0
125679	Drill Core	3.8	48.9	1.1
REP 125679	QC			
125696	Drill Core	3.4	35.7	1.9
REP 125696	QC			
125732	Drill Core	0.1	85.8	2.6
REP 125732	QC			
Core Reject Duplicates				
125629	Rock	<0.1	2.8	<0.1
DUP 125629	QC	<0.1	2.3	<0.1
125664	Drill Core	6.2	69.2	0.8
DUP 125664	QC	6.4	70.8	0.8
125699	Drill Core	3.7	72.9	0.8
DUP 125699	QC	3.8	75.1	1.0
Reference Materials				
STD OREAS24P	Standard	<0.1	19.3	3.6
STD OREAS24P	Standard	<0.1	19.6	3.3
STD OREAS24P	Standard	<0.1	20.3	3.5
STD OREAS24P	Standard	<0.1	20.6	3.2
STD OREAS45C	Standard	<0.1	22.2	4.6
STD OREAS45C	Standard	<0.1	24.3	4.7
STD OREAS45C	Standard	<0.1	23.0	3.9
STD OREAS45C	Standard	<0.1	21.7	4.0



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS45C	Standard			2.2	603.5	24.7	76	0.3	334.2	98.0	1166	17.21	11	2.3	<0.1	10.2	37	0.2	1.0	0.2
STD OXH82	Standard		1.267																	
STD OXH82	Standard		1.355																	
STD OXH82	Standard		1.310																	
STD OXH82	Standard		1.260																	
STD OXH82	Standard		1.294																	
STD OXH82	Standard		1.344																	
STD OXH82	Standard		1.291																	
STD OXK79	Standard		3.558																	
STD OXK79	Standard		3.256																	
STD OXK79	Standard		3.564																	
STD OXK79	Standard		3.572																	
STD OXK79	Standard		3.664																	
STD OXK79	Standard		3.427																	
STD OXK79	Standard		3.623																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
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BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1
STD OREAS45C	Standard	0.48	0.049	25.5	908	0.23	293	1.115	7.20	0.093	0.35	1.3	168.1	52	2.9	11.9	21.9	1.4	<1
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OXK79	Standard																		
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03
STD OXH82 Expected																			
STD OXK79 Expected																			
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	23.7	4.4
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
STD OXH82 Expected				
STD OXK79 Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
Prep Wash																				
G1	Prep Blank		<0.005	0.3	3.7	25.8	55	0.3	3.9	4.3	755	2.32	<1	2.9	<0.1	9.9	730	<0.1	1.2	0.2
G1	Prep Blank		<0.005	0.2	2.3	20.7	48	0.1	2.5	4.2	698	2.20	<1	2.9	<0.1	9.7	691	<0.1	0.2	0.1



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	2.36	0.081	31.8	5	0.58	1038	0.253	7.47	2.603	0.99	0.2	11.6	64	1.6	16.6	25.3	1.4	3	5	33.5
G1	Prep Blank	2.22	0.073	30.0	4	0.56	972	0.238	6.89	2.580	1.06	<0.1	10.6	61	1.2	14.9	22.9	1.2	3	5	33.2



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 31, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000757.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank	<0.1	39.3	0.6
G1	Prep Blank	<0.1	41.0	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: December 31, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000758.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_111_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 31, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125734	Drill Core	6.11	0.032	63.7	522.6	173.2	327	3.5	18.6	30.0	3412	4.16	13	1.1	<0.1	3.9	432	2.0	10.8	0.2
125735	Drill Core	3.64	0.031	77.8	557.0	145.4	233	2.9	17.8	29.6	3120	4.01	14	1.1	<0.1	3.8	441	1.2	9.7	0.1
125736	Drill Core	7.30	0.014	23.0	740.7	76.7	151	1.6	21.9	26.6	1045	4.51	2	1.1	<0.1	4.1	389	0.8	4.8	0.1
125737	Drill Core	7.80	0.026	26.5	1226	339.9	959	2.4	21.9	35.1	1729	5.04	3	1.0	<0.1	3.6	860	5.5	6.1	0.2
125738	Drill Core	7.17	0.023	65.3	1308	114.0	250	4.8	23.6	37.9	1852	5.17	8	1.3	<0.1	4.4	396	1.3	16.3	0.2
125739	Drill Core	7.06	0.020	62.7	1315	15.3	45	0.4	12.3	34.8	323	4.02	2	1.7	<0.1	5.9	207	<0.1	0.6	0.2
125740	Drill Core	6.39	0.012	44.1	771.8	63.0	151	1.3	9.0	19.2	852	2.92	18	1.5	<0.1	5.7	654	0.8	3.4	0.1
125741	Drill Core	6.99	0.014	39.8	989.7	25.9	102	0.7	15.4	31.7	532	4.46	167	1.9	<0.1	7.1	379	0.4	51.9	0.2
125742	Drill Core	7.05	0.022	43.5	1322	63.2	106	1.1	13.1	28.2	436	3.65	159	1.8	<0.1	6.1	433	0.4	44.6	0.2
125743	Drill Core	6.54	0.028	208.5	1007	1607	2297	4.3	11.7	18.7	1963	3.49	222	1.4	<0.1	5.9	483	12.9	52.6	1.2
125744	Drill Core	6.86	0.016	74.9	787.0	89.1	297	1.6	10.9	16.1	906	2.89	218	1.6	<0.1	5.9	447	1.6	48.7	0.2
125745	Rock Pulp	0.10	0.874	166.0	3723	58.1	141	3.7	28.7	21.6	512	5.21	67	1.1	0.9	3.1	243	0.6	8.7	0.8
125746	Drill Core	6.36	0.020	94.3	899.1	119.6	419	3.4	10.8	22.1	2733	3.18	201	1.6	0.4	6.6	379	2.5	69.0	0.2
125747	Drill Core	7.11	0.016	68.3	831.5	340.4	998	4.6	12.2	27.8	5082	3.84	113	1.6	<0.1	6.1	484	6.7	52.0	0.2
125748	Drill Core	6.93	0.038	212.7	1011	359.6	1267	5.2	11.0	25.8	6323	4.11	67	2.0	<0.1	6.7	769	8.2	42.4	0.3
125749	Drill Core	6.45	0.016	69.3	973.6	29.8	82	0.8	10.2	22.8	1541	3.11	10	1.6	<0.1	6.0	1167	0.4	3.7	0.2
125750	Rock	0.44	<0.005	1.0	6.5	4.0	17	<0.1	2.3	0.9	260	0.46	<1	0.6	<0.1	<0.1	55	<0.1	0.2	<0.1
125751	Drill Core	7.73	0.029	55.6	971.7	793.2	2932	4.8	9.7	20.8	4150	3.10	45	1.7	<0.1	6.8	621	19.3	43.7	0.2
125752	Drill Core	6.55	0.011	54.5	670.6	13.6	45	0.3	9.0	15.5	549	2.22	5	1.0	<0.1	5.3	845	<0.1	1.7	<0.1
125753	Drill Core	6.44	0.016	98.6	752.5	88.6	401	0.4	8.9	18.2	610	2.82	3	1.2	<0.1	5.8	632	1.9	0.8	<0.1
125754	Drill Core	6.40	0.022	23.8	1403	69.8	310	0.8	12.6	27.5	994	3.75	143	1.3	<0.1	5.1	539	1.6	11.4	0.1
125755	Drill Core	3.92	0.023	24.3	1349	42.6	132	0.6	12.6	26.7	808	3.86	174	1.2	<0.1	5.2	462	0.6	11.2	0.2
125756	Drill Core	6.46	0.045	78.7	1033	14.0	81	0.3	9.9	19.0	349	2.60	33	1.2	<0.1	5.6	716	0.2	1.6	<0.1
125757	Drill Core	6.83	0.015	71.3	998.6	14.8	44	0.6	9.9	20.0	643	2.82	38	1.4	<0.1	5.3	673	0.1	1.1	0.1
125758	Drill Core	6.99	0.038	112.5	1273	193.3	509	1.7	10.9	36.6	3302	3.62	40	1.2	<0.1	5.5	361	3.5	4.1	0.3
125759	Drill Core	7.16	0.068	73.2	1594	414.6	1841	2.1	10.9	21.1	6583	2.88	173	1.7	0.1	6.1	565	11.6	11.1	0.4
125760	Drill Core	7.06	0.016	126.3	956.2	13.8	68	0.5	9.5	20.7	602	2.84	116	1.2	<0.1	5.6	841	0.1	6.1	<0.1
125761	Drill Core	6.66	0.022	53.8	1328	17.7	66	0.8	11.5	25.6	876	3.22	109	1.1	<0.1	5.6	666	0.1	9.2	0.1
125762	Drill Core	6.74	0.020	48.4	1261	24.5	80	1.3	10.4	28.0	1576	3.38	82	1.3	<0.1	5.5	634	0.5	5.1	<0.1
125763	Rock Pulp	0.10	0.452	142.9	3909	30.7	75	2.6	41.3	23.4	429	4.76	47	1.2	0.5	3.0	256	0.1	4.7	0.5



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Project: Poplar Drilling
Report Date: December 31, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125734	Drill Core	2.02	0.130	17.3	26	1.07	62	0.091	7.33	0.402	2.93	0.5	31.3	36	1.2	10.0	0.8	<0.1	1	9
125735	Drill Core	2.11	0.126	17.0	31	1.09	63	0.089	7.26	0.409	2.83	0.4	31.7	35	1.2	9.3	0.8	<0.1	1	9
125736	Drill Core	2.40	0.125	15.7	32	1.37	41	0.127	7.40	1.112	1.72	0.2	37.9	32	1.0	10.1	0.9	<0.1	1	10
125737	Drill Core	2.74	0.121	11.2	28	1.37	53	0.122	6.59	0.816	1.79	0.3	36.0	25	1.0	8.8	1.0	<0.1	1	8
125738	Drill Core	2.28	0.135	10.9	25	1.21	51	0.154	6.83	0.648	2.02	0.4	38.4	24	1.3	9.2	1.1	<0.1	1	8
125739	Drill Core	2.20	0.113	16.6	17	0.92	39	0.119	7.20	0.877	1.98	0.3	44.4	37	1.2	9.9	1.4	0.1	1	7
125740	Drill Core	2.01	0.103	10.5	14	1.02	54	0.097	7.04	1.057	2.32	0.2	38.6	23	0.8	7.7	1.1	<0.1	1	6
125741	Drill Core	1.86	0.120	17.6	10	0.94	35	0.095	8.73	0.365	2.34	0.5	43.0	38	1.0	9.7	1.2	<0.1	1	8
125742	Drill Core	1.85	0.105	15.6	12	0.86	44	0.097	6.84	0.345	2.14	0.4	38.9	33	1.1	8.3	1.3	<0.1	2	6
125743	Drill Core	1.96	0.100	13.3	13	0.92	60	0.086	6.82	0.220	2.65	1.0	35.2	30	1.1	8.5	1.5	<0.1	1	6
125744	Drill Core	1.68	0.105	18.2	11	0.80	58	0.078	7.20	0.315	2.50	0.4	37.2	37	1.0	9.6	1.2	<0.1	2	6
125745	Rock Pulp	0.44	0.113	15.1	51	0.87	87	0.313	6.98	1.229	5.09	29.5	23.6	30	3.6	14.1	3.6	0.2	1	13
125746	Drill Core	1.95	0.114	14.2	18	0.92	74	0.120	7.80	0.227	2.88	0.5	39.2	30	1.1	9.6	1.5	0.1	2	7
125747	Drill Core	1.67	0.099	11.9	11	0.67	51	0.077	7.01	0.214	3.01	0.8	37.4	25	1.2	8.6	1.1	<0.1	1	6
125748	Drill Core	1.90	0.103	16.0	14	0.71	58	0.119	7.38	0.092	2.66	0.9	37.8	33	1.1	9.5	1.5	0.1	1	6
125749	Drill Core	3.28	0.106	13.7	15	0.92	71	0.158	6.84	0.685	1.78	0.4	36.6	29	1.1	9.8	2.0	0.2	1	6
125750	Rock	21.63	0.017	0.7	<1	12.12	15	0.002	0.05	0.005	0.03	0.1	<0.1	1	0.1	0.9	0.1	<0.1	<1	<1
125751	Drill Core	2.34	0.107	13.8	14	0.84	101	0.170	7.39	0.385	2.79	1.8	33.8	29	0.8	10.2	1.9	0.2	1	6
125752	Drill Core	3.09	0.099	8.8	20	0.84	59	0.167	6.50	1.978	1.60	0.3	30.7	22	0.8	9.6	1.9	0.1	1	6
125753	Drill Core	3.13	0.108	11.3	17	0.93	54	0.182	6.80	2.140	1.55	0.2	32.2	27	0.8	10.0	2.2	0.1	1	7
125754	Drill Core	2.65	0.109	8.0	18	0.95	44	0.138	6.94	1.335	2.32	0.3	33.0	20	1.1	8.7	1.7	0.1	1	6
125755	Drill Core	2.30	0.103	8.7	13	0.91	34	0.121	6.65	1.200	2.33	0.4	31.9	21	1.3	8.6	1.5	0.1	1	6
125756	Drill Core	2.65	0.103	10.8	28	0.85	49	0.166	6.65	1.980	1.88	0.4	31.9	26	0.9	9.8	2.4	0.2	1	6
125757	Drill Core	2.71	0.105	11.3	21	0.88	49	0.174	6.81	1.952	2.08	0.2	32.3	27	1.0	9.4	2.2	0.2	1	6
125758	Drill Core	2.56	0.106	10.7	19	0.92	53	0.121	6.66	0.761	2.67	1.2	27.8	23	1.5	9.0	1.6	0.1	2	6
125759	Drill Core	2.78	0.100	14.1	15	0.88	90	0.163	7.05	0.192	3.04	3.9	30.6	29	1.0	10.3	2.3	0.2	1	6
125760	Drill Core	2.41	0.101	12.1	26	0.87	70	0.180	6.86	1.513	2.50	0.3	32.9	28	1.0	9.2	2.5	0.2	<1	6
125761	Drill Core	2.59	0.108	10.3	18	0.87	45	0.185	7.03	1.658	2.10	0.3	30.1	25	0.9	9.4	2.2	0.2	2	6
125762	Drill Core	2.60	0.112	10.7	22	0.97	48	0.172	7.21	1.320	2.66	0.4	32.6	25	0.9	9.5	2.0	0.1	2	6
125763	Rock Pulp	0.39	0.114	15.6	68	1.05	98	0.338	6.98	1.517	5.25	14.0	27.1	32	2.6	13.6	2.9	0.2	1	16



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Project: Poplar Drilling
Report Date: December 31, 2011

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125734	Drill Core	3.7	96.7	0.9
125735	Drill Core	3.5	87.2	0.9
125736	Drill Core	3.8	57.8	1.1
125737	Drill Core	4.2	49.8	1.0
125738	Drill Core	4.3	58.5	1.1
125739	Drill Core	3.6	46.4	1.3
125740	Drill Core	2.7	61.9	1.2
125741	Drill Core	4.1	68.3	1.3
125742	Drill Core	3.3	59.0	1.3
125743	Drill Core	3.4	80.1	1.1
125744	Drill Core	2.6	73.7	1.3
125745	Rock Pulp	2.7	126.4	0.8
125746	Drill Core	2.5	98.6	1.2
125747	Drill Core	3.8	116.0	1.2
125748	Drill Core	3.7	96.9	1.2
125749	Drill Core	2.7	48.9	1.2
125750	Rock	<0.1	1.2	<0.1
125751	Drill Core	2.7	108.7	1.0
125752	Drill Core	2.1	46.8	0.9
125753	Drill Core	2.7	44.8	1.0
125754	Drill Core	3.5	61.6	1.0
125755	Drill Core	3.7	68.5	1.0
125756	Drill Core	2.5	55.0	1.1
125757	Drill Core	2.7	59.5	1.1
125758	Drill Core	3.9	84.9	0.8
125759	Drill Core	2.9	117.1	1.0
125760	Drill Core	2.4	66.2	1.1
125761	Drill Core	3.0	65.6	1.0
125762	Drill Core	3.2	88.1	1.0
125763	Rock Pulp	2.1	130.5	0.8



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125764	Drill Core	7.13	0.041	95.3	1420	113.3	157	1.4	11.1	26.9	1357	3.40	9	1.1	<0.1	5.3	674	1.0	3.3	0.2
125765	Drill Core	6.97	0.015	86.2	627.7	42.2	104	0.8	10.2	16.1	968	3.74	8	0.8	<0.1	5.3	504	0.4	1.3	<0.1
125766	Drill Core	7.39	0.020	57.6	696.6	60.4	136	1.2	10.8	18.9	2020	3.82	113	1.0	<0.1	5.3	488	0.7	5.4	<0.1
125767	Drill Core	6.59	0.030	210.6	1731	29.7	101	1.6	10.8	22.5	1509	3.75	335	1.6	<0.1	7.5	498	0.2	8.0	0.2
125768	Drill Core	4.00	0.029	57.8	1268	147.3	336	3.7	10.8	21.0	3530	3.51	306	2.5	<0.1	6.9	501	1.9	52.6	0.3
125769	Rock	0.40	<0.005	1.1	8.9	1.3	11	<0.1	1.5	0.6	275	0.57	2	0.4	<0.1	<0.1	43	<0.1	<0.1	<0.1
125770	Drill Core	1.87	0.006	22.9	238.2	268.5	965	2.8	2.4	4.1	2587	1.26	127	8.4	<0.1	16.3	505	5.3	25.1	0.4
125771	Drill Core	7.55	0.029	64.0	1752	245.3	509	5.7	11.6	21.5	2822	3.45	292	2.8	<0.1	7.4	426	3.5	57.2	0.5
125772	Drill Core	7.05	0.060	70.8	3114	798.7	3120	12.1	20.0	35.4	5168	3.87	357	1.5	<0.1	5.5	842	24.0	106.5	0.2
125773	Drill Core	6.64	0.124	92.6	2771	1392	3111	21.3	14.1	19.5	8765	3.31	488	1.2	0.2	4.4	552	21.6	239.3	0.3
125774	Drill Core	7.38	0.040	55.4	1713	635.0	2293	6.7	6.0	14.4	2614	2.61	376	1.5	<0.1	5.3	614	16.0	60.3	0.2
125775	Drill Core	5.63	0.030	81.9	1429	604.0	2116	4.7	6.5	20.1	2324	3.33	339	1.7	<0.1	5.7	543	13.0	31.4	0.2
125776	Drill Core	3.89	0.028	45.2	1260	958.5	2185	4.2	6.0	18.6	2242	3.18	297	1.6	<0.1	5.5	473	14.6	22.9	0.1
125777	Drill Core	6.77	0.025	86.8	990.2	635.4	2367	11.5	6.0	15.3	9011	4.46	204	1.5	<0.1	3.8	471	15.5	96.0	0.2
125778	Drill Core	6.73	0.036	52.2	1395	628.1	1815	12.0	5.6	18.2	8162	3.11	278	1.6	<0.1	4.1	770	12.3	105.3	0.2
125779	Drill Core	6.46	0.061	50.6	967.7	465.2	1397	7.6	7.0	14.6	>10000	3.95	211	1.2	<0.1	4.2	304	11.0	78.4	0.5
125780	Drill Core	6.77	0.053	31.2	1773	84.7	207	2.7	6.2	19.0	2144	2.85	334	1.5	<0.1	4.7	572	1.2	38.0	0.3
125781	Drill Core	6.85	0.127	31.2	1516	310.1	985	4.1	7.8	18.7	6046	3.74	299	1.7	0.1	4.4	532	7.3	50.7	0.8
125782	Drill Core	6.37	0.102	29.3	1131	388.4	658	5.0	5.6	15.8	4211	2.90	242	1.5	0.2	4.4	581	5.1	63.0	0.4
125783	Drill Core	1.63	0.030	142.2	930.4	566.8	1302	5.5	4.7	11.3	5071	3.43	201	1.3	<0.1	3.4	448	9.9	66.3	0.3
125784	Drill Core	2.17	0.020	5.6	421.7	10.4	15	0.1	73.5	16.0	117	3.13	2	1.5	<0.1	4.4	149	<0.1	1.1	0.2
125785	Drill Core	3.36	<0.005	1.7	61.8	12.3	31	<0.1	115.3	27.2	29	4.40	1	1.1	<0.1	3.3	113	0.2	0.6	0.2
125786	Drill Core	5.68	<0.005	1.9	97.9	11.8	25	<0.1	115.9	21.8	15	4.25	<1	1.2	<0.1	3.7	117	0.5	0.7	0.2
125787	Drill Core	6.52	<0.005	2.5	54.8	13.8	41	<0.1	99.7	26.0	18	4.65	<1	1.0	<0.1	3.8	122	0.4	0.6	0.2
125788	Rock Pulp	0.10	0.430	138.4	3739	29.6	66	2.5	41.9	22.7	438	4.62	45	1.2	0.4	2.7	238	<0.1	3.7	0.4
125789	Drill Core	3.43	0.007	3.6	130.5	8.4	17	<0.1	69.1	19.6	15	4.91	1	1.0	<0.1	2.3	139	0.1	0.2	0.2
125790	Drill Core	5.71	<0.005	3.6	78.0	17.9	91	<0.1	23.2	15.5	28	5.69	<1	1.6	<0.1	3.7	196	0.7	0.4	0.2
125791	Drill Core	6.58	0.006	3.4	127.6	27.2	151	0.2	11.3	12.1	214	4.91	4	2.1	<0.1	4.0	180	1.1	3.1	0.3
125792	Drill Core	4.32	0.006	4.0	197.2	21.5	188	0.2	9.7	13.7	298	4.72	5	2.1	<0.1	4.1	230	0.6	3.0	0.3
125793	Drill Core	4.58	0.011	3.4	197.3	12.4	135	<0.1	8.7	11.3	292	3.78	<1	1.8	<0.1	4.5	226	0.3	0.2	0.4



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125764	Drill Core	2.78	0.096	11.4	17	0.87	54	0.131	6.68	1.561	2.48	0.4	29.2	26	0.9	8.9	1.8	0.1	1	6
125765	Drill Core	2.56	0.109	10.4	18	0.84	46	0.073	6.61	1.914	1.99	0.3	25.8	26	0.8	7.7	1.3	0.1	<1	5
125766	Drill Core	2.26	0.131	13.6	14	1.06	39	0.093	8.79	1.593	2.54	0.4	33.3	32	1.2	8.6	1.7	0.1	2	8
125767	Drill Core	2.29	0.125	17.0	13	1.00	70	0.115	7.35	1.211	2.24	0.2	29.9	32	1.0	7.7	1.8	0.2	1	7
125768	Drill Core	2.43	0.117	14.1	13	1.03	83	0.154	7.87	0.078	3.16	0.9	36.1	27	1.0	8.8	2.3	0.2	1	8
125769	Rock	21.44	0.013	0.5	<1	12.20	11	0.002	0.06	0.006	0.02	<0.1	0.2	<1	0.2	0.7	<0.1	<0.1	<1	<1
125770	Drill Core	1.09	0.024	10.5	3	0.45	447	0.047	6.30	0.055	2.90	1.0	40.2	20	0.7	7.2	10.1	1.1	2	2
125771	Drill Core	2.07	0.087	11.9	13	0.79	91	0.104	6.92	0.375	2.77	1.1	28.7	24	1.0	7.7	3.3	0.3	1	6
125772	Drill Core	1.90	0.108	10.6	9	0.76	66	0.104	7.33	0.456	2.77	0.8	22.7	21	1.3	7.3	1.5	0.1	<1	6
125773	Drill Core	1.67	0.088	14.0	6	0.66	123	0.063	6.99	0.054	3.12	1.0	16.9	28	0.7	6.7	1.3	<0.1	<1	4
125774	Drill Core	1.83	0.095	19.1	5	0.81	69	0.086	8.64	0.063	3.13	0.8	21.1	39	0.9	7.6	1.5	0.1	1	5
125775	Drill Core	1.84	0.100	21.7	7	0.80	66	0.072	8.91	0.084	3.05	1.0	20.2	43	1.3	8.2	1.3	<0.1	<1	5
125776	Drill Core	1.80	0.092	20.1	5	0.77	90	0.075	8.58	0.081	2.92	1.1	19.0	42	1.2	7.7	1.3	0.1	1	5
125777	Drill Core	0.78	0.078	14.5	6	0.53	55	0.058	6.38	0.059	2.99	1.1	16.8	33	1.3	8.3	1.0	<0.1	1	3
125778	Drill Core	0.97	0.094	15.0	4	0.54	65	0.080	6.69	0.048	3.04	2.5	16.6	34	0.7	7.5	1.3	0.1	1	4
125779	Drill Core	0.90	0.066	16.1	7	0.56	57	0.076	6.58	0.048	3.02	1.5	16.8	32	0.8	6.6	1.3	<0.1	<1	3
125780	Drill Core	1.86	0.106	17.4	7	0.79	69	0.095	7.89	0.064	3.13	0.7	21.3	36	0.8	7.9	1.4	0.1	1	4
125781	Drill Core	2.46	0.114	17.2	10	0.85	91	0.110	7.07	0.062	2.86	2.0	22.2	34	1.1	8.1	2.0	0.1	2	5
125782	Drill Core	1.76	0.102	18.8	7	0.67	92	0.122	7.07	0.046	2.73	3.0	21.9	39	0.7	7.7	1.8	0.1	1	4
125783	Drill Core	3.25	0.061	14.6	5	1.05	511	0.061	5.73	0.051	2.67	1.8	16.1	31	1.2	7.9	1.2	<0.1	<1	3
125784	Drill Core	0.48	0.336	14.5	122	0.30	75	0.157	8.84	0.384	2.74	0.5	33.5	34	2.4	11.2	2.0	0.1	1	19
125785	Drill Core	0.06	0.059	10.5	173	0.28	40	0.116	8.19	0.186	2.58	0.4	15.9	26	3.0	6.9	1.0	<0.1	<1	17
125786	Drill Core	0.05	0.058	12.9	121	0.31	39	0.108	8.79	0.161	2.61	0.5	19.4	32	2.6	7.9	1.1	<0.1	1	18
125787	Drill Core	0.05	0.048	12.6	126	0.21	37	0.136	8.41	0.171	2.79	0.4	17.5	34	2.7	7.7	1.3	<0.1	1	18
125788	Rock Pulp	0.39	0.107	14.4	63	1.04	86	0.273	7.06	1.466	5.44	11.6	25.1	29	2.2	11.1	2.8	0.2	<1	16
125789	Drill Core	0.04	0.046	6.7	136	0.16	54	0.099	7.77	0.176	3.02	0.6	11.2	18	3.2	3.3	0.6	<0.1	<1	9
125790	Drill Core	0.12	0.113	11.6	26	0.22	33	0.091	8.85	0.290	3.47	0.5	31.0	30	3.6	7.1	1.2	<0.1	<1	6
125791	Drill Core	0.27	0.136	13.7	6	0.40	31	0.064	8.25	0.627	2.60	0.5	45.9	32	2.6	11.0	1.1	<0.1	1	6
125792	Drill Core	0.31	0.114	13.8	5	0.40	39	0.062	7.63	0.778	2.37	0.5	52.0	33	2.5	11.4	1.1	<0.1	1	6
125793	Drill Core	0.61	0.119	15.0	6	0.57	31	0.055	7.58	1.422	1.76	0.4	44.3	34	2.0	9.4	1.0	<0.1	1	6



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125764	Drill Core	4.0	78.6	0.9
125765	Drill Core	4.5	61.2	1.0
125766	Drill Core	3.9	79.0	0.9
125767	Drill Core	3.5	87.0	1.0
125768	Drill Core	2.7	119.5	1.1
125769	Rock	<0.1	0.8	<0.1
125770	Drill Core	0.5	141.2	2.3
125771	Drill Core	2.8	118.8	1.2
125772	Drill Core	3.3	102.7	0.7
125773	Drill Core	2.6	115.5	0.6
125774	Drill Core	2.2	109.6	0.7
125775	Drill Core	2.9	105.6	0.8
125776	Drill Core	2.9	102.5	0.7
125777	Drill Core	3.6	122.7	0.6
125778	Drill Core	2.3	134.2	0.6
125779	Drill Core	2.6	126.6	0.5
125780	Drill Core	2.2	104.2	0.7
125781	Drill Core	2.7	104.4	0.6
125782	Drill Core	1.9	114.9	0.7
125783	Drill Core	2.3	115.6	0.5
125784	Drill Core	2.8	78.1	0.7
125785	Drill Core	4.3	75.0	0.5
125786	Drill Core	4.2	69.9	0.5
125787	Drill Core	4.5	82.4	0.5
125788	Rock Pulp	2.0	131.7	0.7
125789	Drill Core	4.9	81.9	0.3
125790	Drill Core	5.7	91.9	0.9
125791	Drill Core	4.8	71.5	1.3
125792	Drill Core	4.5	67.0	1.5
125793	Drill Core	3.2	46.6	1.5



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125794	Drill Core	4.85	0.010	4.4	117.2	28.4	220	0.2	8.3	11.8	502	4.45	1	2.1	<0.1	4.8	280	0.6	1.7	0.4
125795	Rock	0.63	<0.005	<0.1	0.7	0.8	10	<0.1	2.2	0.5	244	0.50	<1	0.4	<0.1	0.2	41	0.1	<0.1	<0.1
125796	Drill Core	5.14	0.008	3.4	83.6	31.4	185	0.2	9.2	11.2	361	4.43	1	1.7	<0.1	4.0	217	0.9	2.1	0.4
125797	Drill Core	5.88	0.008	3.3	135.6	36.9	177	0.3	10.6	10.1	358	4.19	4	2.0	<0.1	4.7	243	1.3	2.5	0.3
125798	Drill Core	5.15	0.006	2.4	114.9	13.1	71	<0.1	6.6	10.7	172	4.60	3	1.7	<0.1	3.9	163	0.3	0.2	0.3
125799	Drill Core	2.96	0.005	2.5	76.9	14.9	77	0.1	7.6	9.9	179	4.58	2	1.9	<0.1	3.8	166	0.4	0.1	0.3
125800	Drill Core	2.64	<0.005	1.0	18.9	14.3	82	<0.1	8.4	7.2	505	2.33	3	4.5	<0.1	8.4	754	0.1	0.5	0.3
125801	Drill Core	6.55	<0.005	29.6	63.9	53.4	165	0.2	7.4	10.4	269	4.17	2	1.3	<0.1	4.3	521	0.9	1.2	0.3
125802	Drill Core	7.21	0.007	3.5	149.0	26.2	57	0.2	6.6	10.4	102	4.76	3	1.6	<0.1	4.4	504	0.4	0.9	0.6
125803	Drill Core	6.61	<0.005	2.7	143.5	25.3	88	0.1	6.4	8.2	318	3.89	3	1.6	<0.1	4.3	443	0.4	1.4	0.4
125804	Drill Core	6.88	<0.005	5.3	71.5	52.1	148	0.4	7.1	12.2	125	4.92	6	1.5	<0.1	3.9	468	0.8	3.0	0.3
125805	Rock Pulp	0.17	0.416	146.3	3842	30.0	75	2.4	40.4	22.3	422	4.83	50	1.4	0.6	3.0	248	0.2	4.6	0.5
125806	Drill Core	7.40	0.009	2.8	122.7	22.2	69	0.3	6.8	11.6	199	4.57	5	1.6	<0.1	4.4	363	0.4	3.8	0.3
125807	Drill Core	7.29	0.006	6.4	140.2	14.4	41	0.1	6.7	11.3	98	5.25	3	1.5	<0.1	4.2	305	0.2	0.6	0.3
125808	Drill Core	6.97	<0.005	4.8	117.2	15.1	46	0.1	6.5	8.0	151	5.29	2	1.8	<0.1	3.9	246	0.1	0.5	0.3
125809	Drill Core	7.59	<0.005	3.9	74.4	10.3	16	<0.1	6.5	8.6	42	6.13	3	1.6	<0.1	2.9	351	<0.1	0.9	0.3
125810	Rock	0.54	<0.005	0.2	1.3	1.4	14	<0.1	1.3	0.7	251	0.58	2	0.6	<0.1	<0.1	52	<0.1	<0.1	<0.1
125811	Drill Core	7.39	<0.005	5.1	109.6	28.6	93	0.2	6.5	9.9	164	6.13	9	1.8	<0.1	3.8	470	0.6	2.8	0.4
125812	Drill Core	7.48	<0.005	3.9	91.6	44.1	214	0.5	11.6	9.8	243	6.49	3	1.5	<0.1	3.7	369	1.2	1.1	0.4
125813	Drill Core	7.71	0.006	9.4	103.8	7.8	37	<0.1	7.3	9.6	90	6.59	<1	1.5	<0.1	4.2	339	0.1	0.2	0.3
125814	Drill Core	6.55	0.007	5.0	114.5	28.6	74	0.6	6.8	10.0	287	5.94	2	1.7	<0.1	3.9	372	0.4	2.9	0.4
125815	Drill Core	3.58	0.008	4.2	138.7	35.8	84	1.3	7.3	9.7	307	5.65	3	1.8	<0.1	4.0	423	0.5	3.3	0.4
125816	Drill Core	7.22	0.016	6.4	253.4	12.0	51	0.1	8.8	9.2	143	5.94	<1	1.7	<0.1	3.8	360	0.2	0.8	0.4
125817	Drill Core	7.27	0.013	11.2	237.9	20.9	66	0.2	9.2	12.9	444	7.33	<1	1.5	<0.1	3.2	303	0.2	0.6	0.4
125818	Drill Core	7.16	0.035	22.0	249.6	103.1	469	1.3	9.6	11.1	781	6.42	1	1.8	<0.1	3.6	492	2.8	1.5	0.4
125819	Drill Core	5.66	<0.005	0.8	35.2	13.9	65	<0.1	9.0	6.4	658	2.16	4	3.4	<0.1	8.4	349	0.2	1.3	0.2
125820	Drill Core	6.91	<0.005	3.1	33.8	16.7	66	0.2	8.6	8.6	521	2.33	8	3.4	<0.1	7.7	584	0.2	0.9	0.1
125821	Drill Core	6.33	<0.005	1.1	22.1	14.1	57	<0.1	9.8	6.8	511	2.15	4	2.7	<0.1	7.7	472	<0.1	0.9	0.2
125822	Drill Core	2.98	<0.005	0.6	4.4	16.6	68	<0.1	6.8	4.7	683	1.90	4	3.2	<0.1	8.7	423	0.2	1.2	0.2
125823	Drill Core	6.79	0.009	49.8	190.0	40.9	92	0.6	13.6	18.9	809	5.09	2	2.0	<0.1	3.8	468	0.5	1.2	0.4



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125794	Drill Core	0.87	0.123	15.2	4	0.87	35	0.046	7.84	1.192	1.54	0.2	44.8	34	1.3	9.7	0.8	<0.1	1	6
125795	Rock	21.20	0.018	0.5	<1	11.87	13	0.002	0.06	0.004	0.02	<0.1	0.1	1	0.1	0.7	0.1	<0.1	<1	<1
125796	Drill Core	0.72	0.112	12.8	4	0.69	20	0.046	7.06	1.067	1.66	0.2	42.6	30	1.6	9.2	0.8	<0.1	1	5
125797	Drill Core	0.71	0.108	16.3	5	0.71	27	0.048	7.31	1.136	1.81	0.4	45.8	37	1.7	10.0	0.9	<0.1	1	5
125798	Drill Core	0.52	0.104	11.1	6	0.51	28	0.062	6.73	0.973	2.48	0.4	41.1	28	2.4	8.9	1.1	<0.1	1	5
125799	Drill Core	0.55	0.109	11.5	6	0.52	29	0.064	7.18	1.061	2.45	0.3	44.3	30	2.5	9.3	1.1	<0.1	1	6
125800	Drill Core	2.12	0.089	14.4	11	0.74	991	0.233	7.51	1.802	2.32	0.9	92.4	31	0.9	8.6	9.8	0.8	2	4
125801	Drill Core	3.23	0.105	13.8	3	0.69	38	0.042	6.82	1.276	1.45	0.2	31.4	31	1.9	7.0	0.9	<0.1	1	5
125802	Drill Core	3.61	0.104	16.6	6	0.61	54	0.054	7.32	0.812	1.86	0.4	39.7	33	2.4	6.6	1.1	0.1	1	6
125803	Drill Core	3.00	0.112	17.2	9	0.92	60	0.058	7.40	1.383	1.38	0.3	38.6	34	1.8	6.6	1.3	<0.1	1	5
125804	Drill Core	2.45	0.103	12.9	8	0.36	46	0.089	7.35	0.285	2.65	0.5	40.3	27	3.1	7.1	1.6	0.1	<1	6
125805	Rock Pulp	0.42	0.118	19.2	70	1.07	214	0.332	7.51	1.409	6.76	15.2	28.6	35	2.7	12.8	3.5	0.2	1	18
125806	Drill Core	2.97	0.103	18.1	10	0.38	41	0.086	7.31	0.244	2.58	0.4	40.2	36	2.3	7.8	1.4	0.1	<1	6
125807	Drill Core	2.66	0.092	14.9	8	0.69	53	0.065	7.20	0.531	1.90	0.3	41.3	30	1.9	6.6	0.9	<0.1	<1	6
125808	Drill Core	1.80	0.110	14.6	8	0.91	35	0.065	7.11	0.457	2.23	0.3	43.9	30	2.2	6.3	0.9	<0.1	1	6
125809	Drill Core	2.23	0.089	11.9	9	0.35	34	0.078	6.83	0.320	2.60	0.3	42.3	26	3.1	8.2	1.1	<0.1	1	6
125810	Rock	22.79	0.017	0.8	2	12.35	27	0.004	0.13	0.018	0.04	<0.1	0.4	1	<0.1	0.9	0.3	<0.1	<1	<1
125811	Drill Core	2.90	0.107	13.9	7	0.45	90	0.072	6.99	0.412	2.46	0.3	42.7	29	3.2	9.6	1.1	<0.1	1	6
125812	Drill Core	2.46	0.103	14.9	12	0.68	44	0.072	7.14	0.861	1.93	2.0	42.6	30	2.6	7.4	1.1	<0.1	1	6
125813	Drill Core	2.47	0.101	16.1	9	0.82	41	0.052	6.82	1.368	1.44	0.2	40.0	32	1.8	7.2	0.8	<0.1	1	6
125814	Drill Core	2.76	0.114	19.0	16	0.91	40	0.068	7.27	0.879	1.96	0.3	43.7	38	2.0	7.4	1.0	<0.1	2	7
125815	Drill Core	2.97	0.113	18.3	13	0.97	60	0.069	7.36	0.880	1.86	0.3	44.6	37	2.0	7.4	1.0	<0.1	<1	7
125816	Drill Core	2.63	0.111	16.6	15	0.73	32	0.052	6.87	1.871	1.44	0.2	41.7	33	1.7	6.7	0.9	<0.1	1	6
125817	Drill Core	2.26	0.112	13.3	13	0.84	39	0.061	6.26	1.241	1.44	0.3	39.4	27	2.0	6.5	0.9	<0.1	<1	6
125818	Drill Core	2.50	0.122	13.5	10	0.66	40	0.070	6.94	0.331	2.28	0.5	40.6	28	2.7	7.3	1.3	<0.1	<1	5
125819	Drill Core	2.95	0.099	18.5	15	1.25	987	0.269	7.10	0.433	2.55	0.8	88.3	36	0.7	8.9	9.5	0.7	1	5
125820	Drill Core	2.81	0.096	19.2	13	1.29	1084	0.246	6.99	0.391	1.96	0.9	84.1	37	0.9	8.7	8.6	0.7	2	5
125821	Drill Core	2.35	0.096	18.1	17	1.16	1017	0.270	6.95	0.958	2.65	0.9	86.2	35	0.8	8.5	9.4	0.7	1	5
125822	Drill Core	2.37	0.084	18.0	15	1.17	888	0.243	6.92	0.711	2.41	0.8	88.6	35	0.9	8.3	9.5	0.8	1	4
125823	Drill Core	2.60	0.132	16.9	27	0.79	46	0.062	7.21	0.811	1.65	0.3	42.5	34	1.5	8.3	1.0	<0.1	<1	8



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125794	Drill Core	3.8	41.2	1.6
125795	Rock	<0.1	0.5	<0.1
125796	Drill Core	4.1	44.6	1.5
125797	Drill Core	3.9	47.8	1.5
125798	Drill Core	4.5	63.6	1.3
125799	Drill Core	4.4	65.6	1.4
125800	Drill Core	0.2	58.0	3.1
125801	Drill Core	6.4	37.1	1.0
125802	Drill Core	7.5	49.8	1.3
125803	Drill Core	5.9	38.7	1.3
125804	Drill Core	7.0	68.4	1.3
125805	Rock Pulp	2.1	169.0	0.9
125806	Drill Core	6.9	68.6	1.3
125807	Drill Core	7.2	54.8	1.3
125808	Drill Core	6.4	55.1	1.5
125809	Drill Core	8.1	63.5	1.4
125810	Rock	<0.1	1.6	<0.1
125811	Drill Core	8.7	64.8	1.4
125812	Drill Core	8.5	56.9	1.3
125813	Drill Core	8.5	40.2	1.3
125814	Drill Core	7.5	54.4	1.3
125815	Drill Core	7.4	55.8	1.4
125816	Drill Core	7.8	40.7	1.3
125817	Drill Core	8.9	43.4	1.2
125818	Drill Core	7.7	66.6	1.2
125819	Drill Core	0.4	78.7	2.8
125820	Drill Core	0.4	66.3	2.8
125821	Drill Core	<0.1	86.2	2.8
125822	Drill Core	<0.1	75.3	2.9
125823	Drill Core	5.9	54.0	1.2



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Part 1

CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125824	Drill Core	7.39	0.016	13.6	348.1	97.7	305	0.9	11.0	17.3	1443	4.27	3	1.4	<0.1	3.8	558	1.7	2.1	0.5
125825	Drill Core	4.23	0.014	16.4	295.3	214.1	541	1.6	24.3	19.0	3443	4.95	5	1.6	<0.1	3.8	625	3.0	3.3	0.2
125826	Rock Pulp	0.10	0.408	147.0	3872	31.0	71	2.8	40.4	22.9	430	4.79	50	1.4	0.5	3.0	241	0.3	4.7	0.5
125827	Drill Core	6.60	<0.005	0.8	14.2	16.7	79	<0.1	9.5	6.1	848	2.08	5	2.8	<0.1	8.6	427	0.2	1.6	0.2
125828	Drill Core	1.89	0.019	17.7	400.1	19.0	109	0.5	40.7	28.3	1402	6.35	3	1.7	<0.1	3.4	572	0.6	1.8	0.2
125829	Drill Core	7.05	0.016	35.6	345.0	36.7	86	0.4	130.8	25.0	380	5.19	3	1.1	<0.1	3.2	245	0.5	0.6	0.1
125830	Drill Core	7.62	0.020	22.6	364.4	10.3	32	0.1	136.1	27.9	248	4.92	2	1.2	<0.1	3.2	207	0.1	0.2	0.1
125831	Drill Core	7.06	0.022	30.5	423.9	14.9	46	0.2	113.5	24.2	275	5.39	2	0.9	<0.1	2.7	172	0.1	0.4	<0.1
125832	Rock	0.51	<0.005	0.1	1.8	1.2	14	<0.1	1.8	0.8	229	0.53	<1	0.5	<0.1	0.2	47	<0.1	<0.1	<0.1
125833	Drill Core	6.68	0.021	12.1	421.5	11.1	37	<0.1	129.9	28.3	275	6.06	2	1.1	<0.1	2.9	148	<0.1	0.4	0.2
125834	Drill Core	6.98	0.014	14.5	321.3	13.0	36	0.1	93.0	20.6	167	4.27	3	1.0	<0.1	2.9	232	0.2	1.4	0.2
125835	Drill Core	7.59	0.042	43.4	850.6	21.3	74	0.4	38.6	19.7	282	4.72	2	1.2	<0.1	3.6	540	0.4	0.8	0.4
125836	Drill Core	3.90	0.028	28.4	510.3	10.6	44	0.3	26.2	16.9	313	4.46	2	1.0	<0.1	3.1	402	<0.1	0.7	0.4
125837	Drill Core	7.54	0.292	90.4	796.6	396.1	544	8.5	92.0	22.8	1180	5.47	57	2.0	0.4	5.0	159	2.8	64.0	0.3
125838	Drill Core	7.31	0.045	38.7	883.8	90.4	276	2.5	114.8	26.4	1224	5.18	21	1.1	<0.1	3.6	271	1.2	13.7	0.3
125839	Drill Core	3.65	0.045	48.3	825.4	90.8	208	2.7	111.7	27.1	1151	4.91	23	1.1	<0.1	3.6	226	0.6	10.1	0.2
125840	Drill Core	7.73	0.026	23.0	566.8	19.4	76	0.4	121.1	24.7	495	4.96	3	1.0	<0.1	3.3	179	0.2	1.1	0.3
125841	Drill Core	7.01	0.026	56.9	748.4	21.3	66	0.6	101.1	23.7	331	5.51	10	1.0	<0.1	3.7	160	0.2	0.7	0.2
125842	Drill Core	7.74	0.080	88.6	824.4	137.4	276	3.1	107.1	22.3	782	5.27	50	1.5	0.1	3.9	140	1.5	7.6	0.3
125843	Drill Core	6.24	0.013	3.9	34.1	52.3	173	0.7	6.2	2.0	770	0.98	8	10.1	<0.1	18.7	337	0.9	2.5	<0.1
125844	Drill Core	7.45	0.007	1.7	34.6	42.3	185	0.9	5.7	2.3	921	1.15	7	13.4	<0.1	18.7	295	0.8	3.4	0.1
125845	Drill Core	6.95	0.024	32.8	1088	38.8	104	1.4	35.8	21.6	541	4.26	4	1.8	<0.1	4.7	360	0.4	1.2	0.3
125846	Rock Pulp	0.10	0.853	165.4	3550	51.8	122	3.1	25.0	19.3	455	4.92	56	1.3	0.6	2.9	211	0.8	7.8	0.5
125847	Drill Core	7.23	0.027	34.2	756.3	33.2	72	0.7	33.2	16.6	415	4.38	4	1.2	<0.1	5.7	403	0.4	1.7	0.2
125848	Drill Core	6.73	0.049	32.0	1319	188.5	1681	1.9	17.8	18.5	1707	4.77	3	1.2	<0.1	4.1	377	10.6	4.6	0.3
125849	Drill Core	6.99	0.051	41.3	1358	31.7	176	0.7	20.9	21.0	518	4.03	3	1.1	<0.1	4.3	412	0.9	1.2	0.2
125850	Rock	0.55	0.006	0.4	14.3	3.0	22	<0.1	2.9	0.9	250	0.46	<1	0.8	<0.1	0.2	43	<0.1	<0.1	<0.1
125851	Drill Core	4.56	0.049	39.0	1677	20.0	79	0.7	26.7	21.0	788	4.34	2	1.1	<0.1	4.6	332	0.2	0.8	0.1
125852	Drill Core	6.70	0.058	44.4	1791	319.1	1043	3.5	64.7	23.3	3454	4.42	7	0.9	0.1	5.0	331	6.2	3.9	0.4
125853	Drill Core	6.95	0.041	46.1	1629	99.5	376	2.0	69.2	18.3	1600	4.33	5	1.2	<0.1	5.9	317	2.0	3.6	0.3



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125824	Drill Core	2.84	0.116	17.3	20	0.96	55	0.059	6.91	0.694	1.43	0.2	40.1	35	1.6	7.6	1.0	<0.1	1	6
125825	Drill Core	2.44	0.115	16.9	31	0.72	95	0.075	7.41	0.456	1.96	0.4	36.8	33	1.6	7.9	1.0	<0.1	<1	9
125826	Rock Pulp	0.39	0.117	18.8	77	1.07	286	0.338	7.09	1.407	4.97	16.1	30.1	35	2.7	13.6	3.5	0.2	<1	17
125827	Drill Core	2.64	0.090	18.1	16	1.18	984	0.250	7.03	0.709	2.85	0.9	93.3	35	0.8	8.9	10.0	0.8	1	4
125828	Drill Core	2.79	0.167	13.0	12	1.46	70	0.077	6.99	0.735	1.57	<0.1	56.1	28	0.8	9.3	1.0	<0.1	2	8
125829	Drill Core	1.34	0.079	14.6	246	0.94	50	0.130	9.95	0.640	2.69	0.2	7.9	31	2.7	6.6	0.7	<0.1	2	23
125830	Drill Core	0.77	0.089	14.6	203	1.05	71	0.138	10.42	0.738	2.42	0.2	9.8	32	2.7	6.4	0.9	<0.1	2	23
125831	Drill Core	0.63	0.065	13.1	203	0.92	43	0.089	7.39	0.488	2.32	0.2	7.0	29	2.4	5.4	0.6	<0.1	1	15
125832	Rock	20.59	0.017	1.2	<1	11.74	27	0.005	0.16	0.030	0.05	<0.1	0.9	2	0.2	0.9	0.2	<0.1	<1	<1
125833	Drill Core	0.45	0.068	13.6	175	1.09	35	0.112	7.01	0.671	2.06	0.3	5.6	31	2.3	4.7	0.9	<0.1	1	15
125834	Drill Core	1.51	0.107	16.2	197	0.88	39	0.123	7.89	0.522	2.56	0.4	18.5	37	1.9	7.8	1.1	<0.1	<1	14
125835	Drill Core	2.93	0.119	14.6	26	1.03	52	0.067	7.27	0.989	1.67	0.2	37.0	31	1.5	8.5	0.9	<0.1	1	9
125836	Drill Core	2.62	0.128	12.7	19	1.27	68	0.070	7.42	0.952	1.65	0.2	30.6	26	1.3	7.4	0.7	<0.1	1	8
125837	Drill Core	0.47	0.034	17.7	105	0.72	109	0.115	9.96	0.412	3.13	0.7	13.2	39	2.1	5.7	1.0	<0.1	1	18
125838	Drill Core	0.93	0.054	21.5	106	0.94	46	0.078	8.02	0.338	3.19	0.5	13.4	46	1.8	6.2	0.5	<0.1	2	14
125839	Drill Core	0.81	0.048	19.1	111	0.95	56	0.086	8.04	0.455	3.17	0.5	12.6	41	1.9	6.0	0.6	<0.1	2	15
125840	Drill Core	1.63	0.050	17.4	121	1.14	35	0.093	8.24	0.414	2.91	0.3	7.7	37	1.6	5.1	0.7	<0.1	2	16
125841	Drill Core	1.12	0.056	17.5	94	1.15	29	0.090	7.74	1.018	2.70	0.3	7.9	38	1.7	5.1	0.5	<0.1	1	15
125842	Drill Core	0.88	0.066	20.7	103	1.23	57	0.082	7.53	0.430	3.18	0.4	11.4	45	2.0	6.2	0.8	<0.1	2	14
125843	Drill Core	1.36	0.033	15.2	5	0.62	536	0.083	6.84	0.059	2.77	1.3	54.7	29	0.8	9.1	14.0	1.3	2	2
125844	Drill Core	1.66	0.030	15.5	6	0.72	521	0.078	6.75	0.098	3.21	1.1	53.4	30	0.7	9.6	14.1	1.3	2	2
125845	Drill Core	2.49	0.092	19.3	36	1.05	69	0.059	7.02	0.405	2.25	0.1	26.4	39	1.6	7.8	1.0	<0.1	1	9
125846	Rock Pulp	0.46	0.099	16.3	42	0.83	137	0.263	7.17	1.099	2.92	24.7	24.6	32	2.8	11.6	3.7	0.2	1	12
125847	Drill Core	2.56	0.068	17.4	50	0.78	47	0.059	6.78	0.450	2.15	0.7	22.4	36	2.3	6.7	0.7	<0.1	<1	9
125848	Drill Core	2.87	0.100	15.0	17	0.91	38	0.080	7.15	0.447	2.25	0.2	25.5	30	1.4	8.1	1.1	<0.1	<1	7
125849	Drill Core	3.20	0.106	15.1	24	1.21	63	0.164	6.96	1.355	1.72	0.2	25.8	32	1.3	8.7	2.3	0.1	1	7
125850	Rock	20.51	0.016	0.8	1	11.37	28	0.005	0.12	0.007	0.04	<0.1	0.6	1	0.7	0.8	0.2	<0.1	<1	<1
125851	Drill Core	2.40	0.102	16.2	33	1.09	66	0.177	7.68	1.420	1.95	0.2	27.6	34	1.3	8.7	2.6	0.1	1	9
125852	Drill Core	1.89	0.054	16.9	85	0.74	63	0.095	6.24	0.310	2.39	0.3	14.7	34	1.6	6.8	1.4	<0.1	1	10
125853	Drill Core	1.42	0.071	19.5	85	1.02	46	0.171	7.19	0.831	2.91	0.4	15.4	40	1.7	7.4	2.0	0.1	2	14



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000758.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125824	Drill Core	5.5	47.8	1.2
125825	Drill Core	6.0	70.3	1.1
125826	Rock Pulp	2.1	122.2	0.9
125827	Drill Core	0.3	93.6	3.1
125828	Drill Core	4.5	65.2	1.4
125829	Drill Core	3.9	75.0	0.2
125830	Drill Core	3.3	61.2	0.2
125831	Drill Core	3.6	54.3	0.2
125832	Rock	<0.1	2.3	<0.1
125833	Drill Core	4.4	49.4	0.2
125834	Drill Core	4.4	63.1	0.4
125835	Drill Core	5.7	50.1	1.0
125836	Drill Core	4.1	56.4	0.8
125837	Drill Core	2.9	111.7	0.4
125838	Drill Core	3.7	112.6	0.4
125839	Drill Core	3.3	109.1	0.4
125840	Drill Core	4.4	89.1	0.2
125841	Drill Core	4.8	82.0	0.3
125842	Drill Core	3.3	103.4	0.2
125843	Drill Core	0.1	138.3	2.7
125844	Drill Core	0.2	153.7	2.7
125845	Drill Core	4.0	84.4	0.7
125846	Rock Pulp	2.6	77.8	0.7
125847	Drill Core	5.0	66.1	0.7
125848	Drill Core	5.2	90.4	0.5
125849	Drill Core	3.8	71.3	0.7
125850	Rock	<0.1	1.6	<0.1
125851	Drill Core	3.3	71.9	0.9
125852	Drill Core	4.1	80.3	0.4
125853	Drill Core	3.5	85.1	0.5



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QUALITY CONTROL REPORT

SMI11000758.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
125737	Drill Core	7.80	0.026	26.5	1226	339.9	959	2.4	21.9	35.1	1729	5.04	3	1.0	<0.1	3.6	860	5.5	6.1	0.2	89
REP 125737	QC	0.039																			
125765	Drill Core	6.97	0.015	86.2	627.7	42.2	104	0.8	10.2	16.1	968	3.74	8	0.8	<0.1	5.3	504	0.4	1.3	<0.1	54
REP 125765	QC	88.3 675.6 46.4 107 0.8 10.8 16.6 998 3.83 8 0.9 <0.1 5.5 537 0.4 1.4 <0.1 56																			
125769	Rock	0.40	<0.005	1.1	8.9	1.3	11	<0.1	1.5	0.6	275	0.57	2	0.4	<0.1	<0.1	43	<0.1	<0.1	<0.1	1
REP 125769	QC	<0.005																			
125784	Drill Core	2.17	0.020	5.6	421.7	10.4	15	0.1	73.5	16.0	117	3.13	2	1.5	<0.1	4.4	149	<0.1	1.1	0.2	159
REP 125784	QC	5.0 432.6 10.0 18 0.1 74.6 16.3 114 3.22 2 1.7 <0.1 4.6 160 0.1 0.7 0.2 164																			
125818	Drill Core	7.16	0.035	22.0	249.6	103.1	469	1.3	9.6	11.1	781	6.42	1	1.8	<0.1	3.6	492	2.8	1.5	0.4	60
REP 125818	QC	0.023																			
Core Reject Duplicates																					
125757	Drill Core	6.83	0.015	71.3	998.6	14.8	44	0.6	9.9	20.0	643	2.82	38	1.4	<0.1	5.3	673	0.1	1.1	0.1	70
DUP 125757	QC	0.015 70.9 976.9 14.5 44 0.6 10.7 19.3 620 2.63 39 1.3 <0.1 5.4 664 0.1 1.1 <0.1 69																			
125792	Drill Core	4.32	0.006	4.0	197.2	21.5	188	0.2	9.7	13.7	298	4.72	5	2.1	<0.1	4.1	230	0.6	3.0	0.3	69
DUP 125792	QC	<0.005 5.3 184.8 20.7 183 0.2 9.8 13.5 262 4.65 4 2.2 <0.1 4.2 225 0.7 2.7 0.4 69																			
125827	Drill Core	6.60	<0.005	0.8	14.2	16.7	79	<0.1	9.5	6.1	848	2.08	5	2.8	<0.1	8.6	427	0.2	1.6	0.2	50
DUP 125827	QC	<0.005 1.0 13.7 17.3 78 <0.1 9.1 6.3 843 2.26 4 2.8 <0.1 8.3 411 0.1 1.7 0.2 50																			
Reference Materials																					
STD OREAS24P	Standard	1.8 52.1 3.6 110 <0.1 147.4 46.5 1139 7.59 <1 0.7 <0.1 3.1 412 <0.1 0.3 <0.1 165																			
STD OREAS24P	Standard	1.7 50.0 3.2 117 <0.1 149.8 48.7 1114 7.52 <1 0.5 <0.1 3.4 387 0.1 0.2 <0.1 165																			
STD OREAS24P	Standard	1.5 52.9 3.1 116 <0.1 143.1 45.5 1163 7.68 1 0.8 <0.1 3.1 394 <0.1 0.1 <0.1 166																			
STD OREAS24P	Standard	1.6 49.5 2.7 112 <0.1 134.2 42.5 1016 7.03 2 0.7 <0.1 2.9 319 0.2 <0.1 <0.1 155																			
STD OREAS24P	Standard	1.5 58.2 3.0 116 <0.1 155.0 48.9 1148 7.47 <1 0.8 <0.1 3.2 389 0.1 <0.1 <0.1 165																			
STD OREAS45C	Standard	2.6 613.6 25.4 80 0.4 340.7 103.4 1190 17.50 10 2.4 <0.1 11.4 39 0.2 0.6 0.3 263																			
STD OREAS45C	Standard	2.4 629.9 30.3 89 0.4 344.7 107.3 1176 17.85 12 2.3 <0.1 12.7 42 0.2 0.9 0.3 272																			
STD OREAS45C	Standard	2.2 607.2 25.3 84 0.4 325.0 103.1 1174 17.73 12 2.3 <0.1 10.7 39 0.2 0.8 0.2 264																			
STD OREAS45C	Standard	2.0 588.9 26.5 83 0.3 315.9 103.8 1077 17.51 12 2.4 <0.1 11.7 33 <0.1 0.9 0.2 259																			
STD OREAS45C	Standard	2.3 622.8 27.7 80 0.3 346.7 101.4 1176 16.81 12 2.3 <0.1 11.3 42 <0.1 1.0 0.2 261																			



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Report Date: December 31, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
125737	Drill Core	2.74	0.121	11.2	28	1.37	53	0.122	6.59	0.816	1.79	0.3	36.0	25	1.0	8.8	1.0	<0.1	1	8
REP 125737	QC																			
125765	Drill Core	2.56	0.109	10.4	18	0.84	46	0.073	6.61	1.914	1.99	0.3	25.8	26	0.8	7.7	1.3	0.1	<1	5
REP 125765	QC	2.60	0.110	10.9	20	0.89	39	0.076	6.69	1.999	1.97	0.4	27.4	27	0.9	8.2	1.4	0.1	<1	6
125769	Rock	21.44	0.013	0.5	<1	12.20	11	0.002	0.06	0.006	0.02	<0.1	0.2	<1	0.2	0.7	<0.1	<0.1	<1	<1
REP 125769	QC																			
125784	Drill Core	0.48	0.336	14.5	122	0.30	75	0.157	8.84	0.384	2.74	0.5	33.5	34	2.4	11.2	2.0	0.1	1	19
REP 125784	QC	0.67	0.347	14.8	125	0.31	60	0.167	9.31	0.396	2.94	0.4	30.6	36	2.6	12.2	2.4	0.1	2	21
125818	Drill Core	2.50	0.122	13.5	10	0.66	40	0.070	6.94	0.331	2.28	0.5	40.6	28	2.7	7.3	1.3	<0.1	<1	5
REP 125818	QC																			
Core Reject Duplicates																				
125757	Drill Core	2.71	0.105	11.3	21	0.88	49	0.174	6.81	1.952	2.08	0.2	32.3	27	1.0	9.4	2.2	0.2	1	6
DUP 125757	QC	2.70	0.103	11.7	21	0.86	58	0.173	6.74	1.916	2.06	0.2	31.9	28	1.0	9.5	2.3	0.2	1	6
125792	Drill Core	0.31	0.114	13.8	5	0.40	39	0.062	7.63	0.778	2.37	0.5	52.0	33	2.5	11.4	1.1	<0.1	1	6
DUP 125792	QC	0.30	0.119	13.7	3	0.40	29	0.060	8.06	0.777	2.43	0.3	50.9	33	2.6	11.2	1.1	<0.1	1	6
125827	Drill Core	2.64	0.090	18.1	16	1.18	984	0.250	7.03	0.709	2.85	0.9	93.3	35	0.8	8.9	10.0	0.8	1	4
DUP 125827	QC	2.62	0.090	18.1	16	1.16	952	0.253	6.90	0.708	2.83	1.0	87.9	34	0.7	8.6	9.8	0.8	<1	5
Reference Materials																				
STD OREAS24P	Standard	5.98	0.138	20.5	213	4.21	290	1.101	7.82	2.495	0.68	0.5	134.8	39	1.9	21.4	19.5	1.1	<1	20
STD OREAS24P	Standard	5.93	0.133	19.6	188	4.05	286	1.074	7.71	2.427	0.69	0.4	132.2	40	1.8	24.8	19.7	1.2	1	20
STD OREAS24P	Standard	6.08	0.139	20.9	214	4.05	300	1.109	7.72	2.428	0.66	0.5	133.6	39	1.9	23.9	20.0	1.2	1	21
STD OREAS24P	Standard	5.19	0.125	17.8	177	3.89	261	0.993	7.46	2.374	0.61	0.4	129.4	36	1.4	21.0	18.3	1.1	2	18
STD OREAS24P	Standard	5.97	0.145	21.8	214	4.13	301	1.096	7.84	2.475	0.68	0.5	135.3	40	1.8	24.6	19.6	1.1	1	20
STD OREAS45C	Standard	0.48	0.049	25.6	945	0.26	270	1.239	7.52	0.097	0.34	1.2	165.0	51	2.8	12.4	21.6	1.3	<1	60
STD OREAS45C	Standard	0.49	0.051	28.1	864	0.26	287	1.229	7.49	0.098	0.36	1.3	160.5	55	3.5	13.7	22.3	1.6	1	60
STD OREAS45C	Standard	0.46	0.053	28.4	940	0.26	281	1.203	7.25	0.092	0.33	1.2	164.7	53	3.1	13.3	23.7	1.5	1	61
STD OREAS45C	Standard	0.46	0.043	27.5	873	0.27	278	1.123	7.26	0.102	0.33	1.1	159.2	52	2.8	12.3	22.6	1.5	<1	57
STD OREAS45C	Standard	0.46	0.051	29.0	862	0.26	288	1.211	7.38	0.098	0.36	1.1	152.8	55	3.2	14.9	22.5	1.4	<1	59



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Project: Poplar Drilling

Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000758.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125737	Drill Core	4.2	49.8	1.0
REP 125737	QC			
125765	Drill Core	4.5	61.2	1.0
REP 125765	QC	4.7	65.6	0.9
125769	Rock	<0.1	0.8	<0.1
REP 125769	QC			
125784	Drill Core	2.8	78.1	0.7
REP 125784	QC	2.8	83.4	0.9
125818	Drill Core	7.7	66.6	1.2
REP 125818	QC			
Core Reject Duplicates				
125757	Drill Core	2.7	59.5	1.1
DUP 125757	QC	2.7	63.4	1.0
125792	Drill Core	4.5	67.0	1.5
DUP 125792	QC	4.5	63.9	1.6
125827	Drill Core	0.3	93.6	3.1
DUP 125827	QC	0.3	91.4	2.9
Reference Materials				
STD OREAS24P	Standard	<0.1	21.2	3.4
STD OREAS24P	Standard	<0.1	20.8	3.5
STD OREAS24P	Standard	<0.1	22.2	3.8
STD OREAS24P	Standard	<0.1	21.7	3.7
STD OREAS24P	Standard	<0.1	22.1	3.6
STD OREAS45C	Standard	<0.1	22.6	4.2
STD OREAS45C	Standard	<0.1	22.3	4.5
STD OREAS45C	Standard	<0.1	24.2	4.3
STD OREAS45C	Standard	<0.1	22.2	4.5
STD OREAS45C	Standard	<0.1	24.7	4.0



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OXH82	Standard	1.235																		
STD OXH82	Standard	1.389																		
STD OXH82	Standard	1.253																		
STD OXH82	Standard	1.245																		
STD OXH82	Standard	1.355																		
STD OXK79	Standard	3.574																		
STD OXK79	Standard	3.565																		
STD OXK79	Standard	3.753																		
STD OXK79	Standard	3.613																		
STD OXK79	Standard	3.256																		
STD OXH82 Expected		1.278																		
STD OXK79 Expected		3.532																		
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000758.1

		1EX Ca % 0.01	1EX P % 0.001	1EX La ppm 0.1	1EX Cr ppm 1	1EX Mg % 0.01	1EX Ba ppm 1	1EX Ti % 0.001	1EX Al % 0.01	1EX Na % 0.001	1EX K % 0.01	1EX W ppm 0.1	1EX Zr ppm 0.1	1EX Ce ppm 1	1EX Sn ppm 0.1	1EX Y ppm 0.1	1EX Nb ppm 0.1	1EX Ta ppm 0.1	1EX Be ppm 1	1EX Sc ppm 1	1EX Li ppm 0.1
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03	15.69	
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20	8.7	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					



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Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000758.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS45C Expected		0.021	24	4.27
STD OREAS24P Expected			22.4	3.6
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				



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QUALITY CONTROL REPORT

SMI11000758.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
G1	Prep Blank	<0.005	0.8	6.0	23.9	67	<0.1	5.5	5.9	890	2.49	<1	3.1	<0.1	11.3	830	0.1	0.1	0.2	51
G1	Prep Blank	<0.005	0.5	2.3	20.8	54	<0.1	3.3	4.9	770	2.71	<1	2.3	<0.1	9.3	739	<0.1	<0.1	0.2	51



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QUALITY CONTROL REPORT

SMI11000758.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
G1	Prep Blank	2.47	0.095	34.2	16	0.67	1241	0.365	9.58	2.597	1.87	0.2	14.1	69	2.1	19.5	29.5	1.6	3	6	44.6
G1	Prep Blank	2.28	0.083	26.5	15	0.56	1003	0.311	7.01	2.747	2.03	0.2	11.3	55	1.8	16.3	26.3	1.4	3	5	35.1



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Project: Poplar Drilling

Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000758.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
G1	Prep Blank	<0.1	82.1	0.8
G1	Prep Blank	<0.1	73.5	0.7



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 21, 2011
Report Date: December 31, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI11000759.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_112_
P.O. Number
Number of Samples: 126

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	120	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	126	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	126	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125854	Drill Core	7.14	0.050	66.3	1529	102.9	615	1.6	70.2	17.7	1109	4.22	5	1.1	<0.1	5.3	273	3.8	9.6	0.3
125855	Drill Core	3.79	0.057	46.1	1540	79.7	392	2.9	70.6	17.3	942	4.20	5	1.1	0.1	5.1	231	2.5	8.4	0.3
125856	Drill Core	6.40	0.059	40.9	1854	120.5	527	2.2	80.5	20.9	577	4.87	4	1.0	<0.1	4.5	364	3.6	7.2	0.5
125857	Drill Core	6.84	0.060	48.0	1925	40.5	196	1.0	75.9	19.7	516	4.51	2	1.0	<0.1	4.3	343	0.8	2.1	0.5
125858	Drill Core	6.95	0.069	48.0	2591	28.2	100	1.2	72.9	21.3	487	4.76	2	1.2	0.1	4.5	293	0.5	3.5	0.6
125859	Drill Core	3.00	0.067	58.3	2304	13.2	48	0.9	55.9	18.0	513	4.13	2	0.9	<0.1	3.9	335	0.2	1.2	0.6
125860	Drill Core	6.78	0.054	35.5	1977	64.1	438	1.8	9.7	12.4	1130	3.64	4	0.7	<0.1	2.8	388	2.4	1.7	0.6
125861	Drill Core	7.19	0.069	35.7	1788	11.2	51	0.7	5.5	11.9	254	2.96	7	0.6	<0.1	3.1	422	0.2	0.5	0.5
125862	Drill Core	7.02	0.133	19.1	3140	12.9	45	0.8	6.9	14.6	238	3.41	18	0.5	0.1	3.1	437	0.2	0.7	0.5
125863	Drill Core	6.55	0.079	27.5	2450	1126	1235	15.1	6.4	11.2	3023	3.12	87	0.6	<0.1	3.4	581	7.0	116.6	0.5
125864	Drill Core	6.87	0.085	26.2	2369	53.6	298	2.1	5.6	14.3	710	3.35	14	0.6	0.2	3.5	317	1.7	5.1	0.6
125865	Drill Core	7.48	0.110	16.6	3057	26.0	103	1.3	6.2	13.4	355	3.34	<1	0.5	<0.1	3.3	393	0.6	0.5	0.4
125866	Drill Core	7.35	0.075	11.6	2305	37.7	361	1.4	5.9	11.4	758	3.17	3	0.6	<0.1	3.5	355	1.9	1.0	0.6
125867	Drill Core	7.35	0.078	27.3	2596	31.9	92	1.4	5.7	12.9	494	3.94	9	0.5	0.4	3.0	364	0.4	2.3	0.7
125868	Drill Core	6.66	0.133	8.6	2770	106.4	376	2.3	4.8	10.0	995	3.72	9	0.5	0.2	3.1	292	2.0	5.7	0.6
125869	Drill Core	6.79	0.145	9.3	3241	89.6	120	1.3	9.8	15.3	667	4.63	19	0.5	0.1	2.6	257	0.7	2.5	0.5
125870	Rock Pulp	0.12	1.082	364.4	3375	26.1	65	2.0	33.1	10.1	591	3.68	13	0.8	1.6	1.9	227	0.3	4.8	0.6
125871	Drill Core	7.23	0.142	12.7	3399	97.0	643	4.9	8.6	13.7	1777	4.20	14	0.6	0.2	2.8	286	3.8	15.8	0.6
125872	Drill Core	7.00	0.134	5.8	3553	40.6	142	1.9	8.6	18.3	957	4.80	26	0.6	0.1	3.1	313	0.7	1.6	0.5
125873	Drill Core	6.71	0.141	6.2	3323	44.3	130	1.9	8.1	17.1	714	4.71	6	0.5	0.1	3.7	423	0.7	3.1	0.5
125874	Rock	0.52	<0.005	<0.1	16.3	1.5	12	<0.1	1.2	0.8	242	0.52	<1	0.4	<0.1	0.2	36	<0.1	<0.1	<0.1
125875	Drill Core	7.44	0.151	11.9	3906	47.2	170	2.3	7.8	15.5	1064	4.86	58	0.6	0.2	2.7	295	0.8	2.9	0.4
125876	Drill Core	7.41	0.122	4.7	3249	99.2	254	2.2	7.8	16.5	2204	4.64	22	0.6	0.1	3.3	238	1.6	3.3	0.4
125877	Drill Core	7.17	0.185	5.1	4997	24.7	71	2.0	10.7	23.6	413	5.72	2	0.5	0.2	3.1	252	0.2	0.7	0.5
125878	Drill Core	6.65	0.124	4.1	3222	195.8	297	5.4	7.1	15.0	4100	4.25	8	0.5	0.1	2.8	363	1.7	5.7	0.4
125879	Drill Core	3.80	0.138	4.5	3754	397.0	374	4.7	8.1	13.7	3064	4.46	6	0.5	0.1	3.0	305	2.2	5.9	0.3
125880	Drill Core	7.17	0.117	7.7	3091	89.1	313	4.0	6.6	12.6	2184	4.01	10	0.4	0.1	2.5	361	2.1	3.3	0.3
125881	Drill Core	6.85	0.083	16.8	2608	119.8	217	1.6	4.3	12.9	1230	4.14	4	0.6	<0.1	3.9	528	1.1	1.1	0.3
125882	Drill Core	6.33	0.071	12.5	2260	144.0	731	6.3	5.6	10.8	3310	3.65	35	0.7	<0.1	3.5	516	4.7	48.7	0.2
125883	Drill Core	3.30	0.051	2.8	1698	60.1	253	3.1	7.6	11.0	2370	3.84	11	1.1	<0.1	4.3	278	0.7	8.5	0.3



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125854	Drill Core	1.37	0.081	17.3	117	1.06	263	0.170	6.57	1.393	2.31	0.5	13.4	37	1.9	5.4	2.1	<0.1	1	15
125855	Drill Core	1.23	0.079	17.2	111	1.02	196	0.167	6.34	1.420	2.38	0.4	13.4	36	1.8	5.1	1.7	<0.1	2	14
125856	Drill Core	1.90	0.089	12.8	111	1.09	56	0.145	6.35	1.333	2.51	0.3	13.8	29	1.9	4.5	1.6	<0.1	1	13
125857	Drill Core	1.72	0.089	12.0	108	0.95	53	0.157	6.08	1.491	2.26	0.3	14.2	28	1.7	5.0	1.6	<0.1	2	13
125858	Drill Core	1.18	0.098	13.7	99	0.83	57	0.115	6.12	0.957	2.29	0.3	13.2	31	2.2	5.8	1.7	<0.1	1	12
125859	Drill Core	1.21	0.058	12.8	96	0.78	61	0.119	5.96	1.037	2.25	0.2	10.2	30	2.3	3.9	1.1	<0.1	<1	12
125860	Drill Core	2.32	0.070	7.2	10	0.50	54	0.071	5.42	0.557	1.99	0.2	17.5	16	1.8	3.6	1.5	<0.1	1	3
125861	Drill Core	2.38	0.071	8.4	10	0.55	48	0.077	5.84	1.357	2.21	0.1	17.7	19	1.5	5.1	1.7	0.1	2	3
125862	Drill Core	2.29	0.070	7.9	12	0.56	100	0.078	5.36	1.292	2.19	0.2	14.1	19	2.0	4.6	2.1	0.1	1	3
125863	Drill Core	1.43	0.067	8.9	10	0.44	169	0.073	5.89	0.229	2.42	0.4	13.5	20	1.8	4.3	1.4	<0.1	<1	3
125864	Drill Core	1.94	0.084	8.2	10	0.58	145	0.085	6.11	1.025	2.29	0.2	13.2	19	1.4	4.8	1.8	0.1	<1	4
125865	Drill Core	1.92	0.071	7.2	15	0.58	68	0.110	5.89	1.913	2.43	0.2	12.3	16	1.3	4.6	2.3	0.1	1	4
125866	Drill Core	2.20	0.077	8.2	6	0.67	97	0.101	5.92	1.291	2.49	0.3	13.5	18	1.3	4.9	2.1	0.2	1	3
125867	Drill Core	2.06	0.073	5.7	12	0.50	54	0.072	5.66	0.942	2.27	0.3	14.6	13	1.7	3.9	1.9	<0.1	<1	3
125868	Drill Core	1.64	0.073	6.5	8	0.55	76	0.086	5.53	0.676	2.13	0.3	12.5	15	1.6	3.9	1.9	0.1	1	3
125869	Drill Core	1.96	0.090	5.6	16	0.84	80	0.159	5.33	0.714	1.96	0.2	11.4	13	1.5	5.0	3.6	0.2	<1	5
125870	Rock Pulp	1.56	0.059	7.7	46	0.81	554	0.280	4.94	2.102	0.95	1.6	40.9	17	2.1	12.8	3.9	0.2	<1	10
125871	Drill Core	1.71	0.097	8.3	15	0.81	133	0.156	5.94	0.093	2.14	0.3	11.6	18	1.5	5.6	2.9	0.2	1	6
125872	Drill Core	1.88	0.087	9.3	13	0.85	39	0.118	6.06	0.553	2.38	0.1	8.1	19	1.4	6.4	2.7	0.1	<1	6
125873	Drill Core	2.15	0.099	9.6	13	0.85	39	0.143	7.01	1.027	2.31	0.3	9.2	19	1.7	6.6	3.1	0.2	1	6
125874	Rock	21.77	0.017	0.6	<1	11.45	37	0.004	0.30	0.004	0.10	<0.1	0.2	1	<0.1	0.7	0.8	<0.1	<1	<1
125875	Drill Core	1.93	0.075	5.8	15	0.74	94	0.136	5.62	0.235	1.95	0.7	9.8	14	1.8	4.2	2.8	0.1	<1	5
125876	Drill Core	1.81	0.091	7.7	16	0.80	294	0.162	5.90	0.178	1.84	1.4	9.4	18	2.0	5.7	3.1	0.2	1	5
125877	Drill Core	1.23	0.081	6.1	23	0.78	73	0.161	5.34	1.305	2.25	0.1	9.6	15	2.5	4.5	3.8	0.2	<1	6
125878	Drill Core	1.93	0.104	7.2	19	0.88	294	0.194	6.15	1.048	2.11	1.0	8.7	17	1.5	5.8	4.5	0.3	1	6
125879	Drill Core	1.92	0.105	7.3	17	0.93	143	0.200	6.27	1.219	2.14	1.0	10.1	18	1.6	5.8	4.7	0.2	1	6
125880	Drill Core	2.37	0.093	4.8	21	0.88	159	0.191	5.66	0.915	1.98	0.3	9.9	12	1.3	4.9	3.9	0.2	<1	6
125881	Drill Core	2.64	0.114	7.5	12	0.76	115	0.151	6.09	1.357	2.25	0.2	17.3	19	1.2	6.7	3.7	0.2	<1	5
125882	Drill Core	2.36	0.113	8.7	12	0.75	758	0.165	6.39	0.373	2.06	0.5	18.4	22	1.0	7.1	3.7	0.2	1	5
125883	Drill Core	2.04	0.146	10.5	12	0.79	829	0.251	7.41	0.081	2.07	0.5	24.0	26	1.0	8.6	6.8	0.4	2	7



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125854	Drill Core	3.5	55.0	0.4
125855	Drill Core	3.4	52.9	0.4
125856	Drill Core	4.7	39.5	0.4
125857	Drill Core	4.3	35.3	0.4
125858	Drill Core	4.9	42.8	0.4
125859	Drill Core	4.4	40.5	0.3
125860	Drill Core	5.0	25.2	0.5
125861	Drill Core	4.3	31.5	0.5
125862	Drill Core	4.7	29.4	0.4
125863	Drill Core	3.6	59.5	0.4
125864	Drill Core	3.7	46.9	0.4
125865	Drill Core	3.6	43.7	0.4
125866	Drill Core	3.5	46.9	0.5
125867	Drill Core	4.9	37.1	0.4
125868	Drill Core	3.8	40.7	0.4
125869	Drill Core	3.5	32.4	0.4
125870	Rock Pulp	0.4	20.4	1.3
125871	Drill Core	2.8	47.4	0.3
125872	Drill Core	3.2	65.6	0.2
125873	Drill Core	3.6	71.0	0.3
125874	Rock	<0.1	8.6	<0.1
125875	Drill Core	3.5	33.7	0.3
125876	Drill Core	2.9	35.2	0.3
125877	Drill Core	3.6	43.9	0.3
125878	Drill Core	2.6	50.5	0.3
125879	Drill Core	2.6	50.6	0.3
125880	Drill Core	2.7	35.0	0.3
125881	Drill Core	3.2	48.6	0.5
125882	Drill Core	1.8	45.1	0.6
125883	Drill Core	1.1	52.8	0.8



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125884	Drill Core	6.62	<0.005	0.2	16.1	206.7	289	0.6	3.5	2.2	1189	1.09	7	9.7	<0.1	13.2	210	1.2	3.9	0.2
125885	Drill Core	1.04	<0.005	1.4	53.4	25.0	157	0.2	45.9	20.6	1613	5.43	5	1.7	<0.1	5.6	290	0.5	1.6	<0.1
125886	Drill Core	3.45	0.055	55.9	1929	33.1	112	1.2	14.0	30.8	548	3.23	11	1.7	<0.1	3.2	230	0.5	2.8	0.4
125887	Drill Core	5.32	0.082	90.9	2488	14.9	71	0.8	17.1	25.5	571	2.73	16	2.0	0.3	5.0	349	0.3	2.1	0.3
125888	Rock Pulp	0.12	0.886	154.2	3657	49.2	134	3.2	27.6	21.3	478	5.06	67	1.2	1.1	2.5	209	0.9	8.9	0.7
125889	Drill Core	5.37	0.028	62.8	1168	74.1	177	3.5	18.2	32.3	924	3.48	15	1.9	<0.1	4.8	250	1.3	24.3	0.4
125890	Drill Core	5.37	0.030	142.6	1485	16.7	52	2.1	63.6	24.1	312	3.34	8	1.5	<0.1	5.5	194	0.2	7.7	0.4
125891	Rock	0.52	<0.005	0.2	2.1	1.2	11	<0.1	1.2	0.7	229	0.41	<1	0.5	<0.1	<0.1	38	<0.1	<0.1	<0.1
125892	Drill Core	6.76	0.039	64.4	1207	6.3	25	0.3	77.5	27.5	202	3.27	2	1.5	<0.1	5.3	139	<0.1	0.3	0.3
125893	Drill Core	5.14	0.034	87.9	1574	9.8	28	0.4	25.4	25.4	407	2.59	4	1.4	<0.1	4.0	208	0.1	0.9	0.2
125894	Drill Core	2.29	0.029	87.1	1277	11.1	34	0.3	25.9	26.0	254	2.65	2	1.9	<0.1	5.5	246	0.2	1.1	0.2
125895	Drill Core	6.48	0.044	147.9	1778	11.4	38	0.4	80.1	34.2	279	3.68	6	1.6	<0.1	4.9	202	<0.1	0.5	0.2
125896	Drill Core	5.73	0.030	74.9	1442	74.2	412	3.3	64.2	33.4	578	3.81	14	1.1	<0.1	4.2	148	2.3	11.0	0.3
125897	Drill Core	3.68	0.033	110.3	1686	40.2	115	2.7	67.4	36.8	627	3.79	18	1.1	<0.1	4.4	159	0.7	11.7	0.3
125898	Drill Core	5.11	0.040	184.2	2055	97.7	246	7.0	57.8	29.5	792	3.12	37	1.1	<0.1	4.6	150	1.8	44.5	0.3
125899	Drill Core	7.34	0.070	158.1	2600	76.0	173	8.3	48.2	22.2	1074	2.44	28	1.1	<0.1	4.8	215	1.0	36.9	2.5
125900	Drill Core	5.40	0.079	311.3	2811	75.2	154	10.2	27.0	28.1	1083	2.57	20	1.4	<0.1	3.9	270	0.9	35.2	0.4
125901	Drill Core	5.86	0.116	292.1	3382	275.8	195	6.5	27.5	22.7	839	2.38	33	1.3	0.2	4.2	303	1.6	38.6	0.2
125902	Drill Core	4.89	0.065	271.1	2483	10.0	34	0.6	12.9	19.6	261	2.06	9	1.3	<0.1	4.3	278	0.2	1.4	0.3
125903	Drill Core	5.47	0.072	102.3	2060	15.8	48	0.9	13.4	23.0	375	2.46	<1	1.4	<0.1	4.4	275	0.2	0.8	0.3
125904	Rock Pulp	0.11	1.105	364.0	3404	25.1	64	2.0	35.3	11.1	606	3.77	12	0.8	1.9	2.0	231	0.4	5.2	0.6
125905	Drill Core	4.53	0.073	209.0	2215	15.5	44	0.7	15.0	17.8	297	2.19	5	1.1	<0.1	4.4	325	0.2	0.6	0.2
125906	Drill Core	4.43	0.125	122.0	3484	15.8	48	0.8	20.9	19.2	282	1.97	7	1.1	0.2	4.3	319	0.3	0.6	0.1
125907	Drill Core	6.44	0.142	198.9	4139	94.3	117	3.7	22.3	18.7	709	2.29	94	1.0	0.1	3.8	551	0.8	22.8	0.1
125908	Drill Core	7.14	0.119	247.3	3191	29.3	74	0.7	19.6	19.2	530	2.15	330	1.2	<0.1	4.3	758	0.1	25.5	0.1
125909	Rock	0.71	<0.005	0.5	10.1	1.3	13	<0.1	1.1	0.7	234	0.46	1	0.5	<0.1	<0.1	46	0.1	0.1	<0.1
125910	Drill Core	6.75	0.093	136.4	3244	59.9	291	2.6	27.1	25.2	755	2.94	150	1.2	<0.1	4.0	540	1.7	9.6	0.4
125911	Drill Core	5.79	0.121	235.3	3451	19.3	96	1.0	32.9	18.4	504	2.08	55	1.1	<0.1	3.7	500	0.3	2.0	0.2
125912	Drill Core	6.73	0.091	306.1	2809	104.4	166	1.8	74.4	23.9	646	2.70	35	1.2	0.4	6.6	434	0.8	5.4	0.2
125913	Drill Core	6.89	0.119	280.9	4180	13.4	37	0.9	74.7	21.8	216	2.74	10	1.2	0.2	5.8	406	0.2	0.7	0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125884	Drill Core	1.41	0.029	9.2	6	0.39	782	0.069	6.21	0.090	1.98	1.0	54.0	21	0.5	7.3	14.0	1.3	2	2
125885	Drill Core	5.27	0.250	38.3	130	1.95	859	0.711	8.34	1.004	1.99	0.8	209.3	83	1.4	21.8	11.9	0.6	2	18
125886	Drill Core	1.12	0.123	9.9	9	0.90	270	0.074	5.65	0.422	2.12	2.1	31.9	24	1.5	6.4	0.8	<0.1	1	5
125887	Drill Core	1.34	0.117	21.7	7	1.04	86	0.052	8.11	0.531	2.93	0.5	29.6	44	1.1	10.0	0.7	<0.1	2	5
125888	Rock Pulp	0.40	0.120	13.5	50	0.83	267	0.281	6.66	1.177	5.27	28.1	23.0	26	3.5	10.2	3.3	0.2	2	12
125889	Drill Core	1.19	0.131	16.1	12	0.90	108	0.077	7.50	0.792	2.53	0.9	35.9	34	1.3	8.8	1.2	<0.1	1	6
125890	Drill Core	0.80	0.077	16.2	80	1.16	214	0.087	7.58	1.223	3.03	0.7	27.5	34	1.4	7.0	0.9	<0.1	2	14
125891	Rock	21.89	0.019	0.8	<1	12.08	18	0.003	0.06	0.004	0.02	<0.1	0.2	<1	<0.1	0.6	0.2	<0.1	<1	<1
125892	Drill Core	1.01	0.081	16.6	88	1.03	176	0.110	8.23	0.523	3.52	0.8	26.5	37	2.0	6.0	1.0	<0.1	2	15
125893	Drill Core	2.86	0.110	15.2	6	1.52	527	0.066	7.33	0.189	1.97	0.5	36.6	31	1.1	7.3	1.0	<0.1	1	5
125894	Drill Core	1.84	0.112	31.6	11	1.21	102	0.056	8.23	0.572	2.50	0.4	34.4	59	0.7	10.1	0.6	<0.1	1	7
125895	Drill Core	0.90	0.088	18.5	84	1.30	244	0.105	7.76	0.857	3.45	0.6	23.0	39	1.4	7.2	1.0	<0.1	1	16
125896	Drill Core	0.88	0.055	21.4	78	1.05	39	0.069	7.44	0.573	3.19	0.6	15.8	44	1.0	7.3	0.5	<0.1	1	13
125897	Drill Core	0.89	0.056	20.6	86	1.08	121	0.076	6.60	0.513	3.04	0.6	17.5	43	1.0	6.3	0.7	<0.1	2	11
125898	Drill Core	0.82	0.059	24.7	84	0.85	86	0.064	5.91	0.211	2.70	0.6	18.2	49	1.0	7.9	0.6	<0.1	1	9
125899	Drill Core	0.72	0.065	20.9	82	0.90	188	0.072	6.25	0.152	3.10	0.7	18.1	43	1.2	7.3	0.9	<0.1	1	9
125900	Drill Core	1.22	0.118	20.3	13	1.02	297	0.082	7.53	0.376	3.16	1.0	24.6	40	1.3	9.5	1.0	<0.1	1	7
125901	Drill Core	1.87	0.107	21.6	21	1.12	229	0.111	7.51	0.452	2.76	0.5	22.3	42	1.1	9.7	1.1	<0.1	1	7
125902	Drill Core	1.35	0.123	19.6	6	0.96	442	0.088	7.79	1.088	2.73	0.8	25.8	39	1.8	9.5	1.4	<0.1	1	6
125903	Drill Core	1.23	0.123	19.0	6	0.99	227	0.070	7.70	1.219	3.02	0.9	25.9	38	1.2	8.3	1.0	<0.1	2	6
125904	Rock Pulp	1.61	0.061	8.1	47	0.83	533	0.295	5.19	2.121	0.93	1.7	41.7	17	2.5	12.5	3.8	0.2	<1	10
125905	Drill Core	1.10	0.124	21.2	9	0.94	269	0.082	7.65	1.484	3.24	0.6	18.8	42	1.4	9.6	1.2	<0.1	2	6
125906	Drill Core	1.43	0.115	19.1	15	0.91	314	0.115	7.55	2.101	2.62	0.4	19.4	38	1.3	10.1	1.5	<0.1	2	7
125907	Drill Core	2.20	0.101	17.2	12	1.10	110	0.101	7.46	0.404	3.52	0.5	20.0	36	1.3	9.7	1.9	0.1	1	7
125908	Drill Core	2.40	0.107	24.6	8	1.27	318	0.109	7.60	0.109	2.70	0.6	16.6	47	1.2	9.8	1.7	0.1	1	7
125909	Rock	23.50	0.019	0.6	<1	12.82	19	0.003	0.07	0.004	0.03	<0.1	0.2	1	<0.1	0.8	0.1	<0.1	<1	<1
125910	Drill Core	2.06	0.113	20.6	5	1.08	205	0.096	7.64	0.096	2.61	1.1	21.8	41	1.7	9.5	1.5	<0.1	1	6
125911	Drill Core	2.32	0.099	23.6	9	1.04	403	0.107	7.08	0.462	2.62	1.1	17.7	45	2.2	9.1	1.8	0.1	1	7
125912	Drill Core	2.14	0.084	23.2	81	1.13	263	0.163	8.03	1.433	3.74	0.6	20.1	47	1.5	9.7	2.1	0.1	2	15
125913	Drill Core	1.87	0.069	22.8	81	1.05	140	0.122	7.71	1.332	3.89	0.3	20.3	48	1.9	9.0	1.4	<0.1	1	14



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125884	Drill Core	0.1	93.4	2.7
125885	Drill Core	0.1	73.4	5.3
125886	Drill Core	2.4	32.6	1.1
125887	Drill Core	1.9	74.1	1.0
125888	Rock Pulp	2.7	127.7	0.7
125889	Drill Core	2.7	66.4	1.1
125890	Drill Core	2.4	65.4	0.7
125891	Rock	<0.1	0.9	<0.1
125892	Drill Core	2.7	63.1	0.7
125893	Drill Core	2.0	25.6	1.1
125894	Drill Core	1.9	52.8	1.0
125895	Drill Core	2.4	64.2	0.7
125896	Drill Core	2.9	75.3	0.5
125897	Drill Core	2.9	69.7	0.5
125898	Drill Core	2.5	71.6	0.5
125899	Drill Core	1.7	74.4	0.5
125900	Drill Core	1.8	80.8	0.7
125901	Drill Core	1.5	60.8	0.7
125902	Drill Core	1.6	61.2	0.8
125903	Drill Core	2.0	66.3	0.8
125904	Rock Pulp	0.4	22.1	1.2
125905	Drill Core	1.8	65.3	0.6
125906	Drill Core	1.5	51.7	0.7
125907	Drill Core	2.2	64.5	0.7
125908	Drill Core	1.7	45.8	0.6
125909	Rock	<0.1	0.8	<0.1
125910	Drill Core	2.5	59.3	0.7
125911	Drill Core	2.0	55.8	0.6
125912	Drill Core	2.3	76.2	0.6
125913	Drill Core	2.6	68.2	0.6



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125914	Drill Core	7.46	0.168	449.2	5446	11.0	35	0.9	71.3	26.6	208	3.27	2	1.0	0.1	4.9	247	<0.1	0.3	0.1
125915	Drill Core	6.57	0.090	306.2	2864	68.0	84	2.4	73.4	21.9	481	2.82	9	1.4	<0.1	6.7	222	0.3	8.4	0.2
125916	Drill Core	3.71	0.093	238.9	3136	34.4	68	1.7	75.4	21.9	466	2.87	7	1.4	<0.1	6.7	221	<0.1	3.3	0.1
125917	Drill Core	6.22	0.083	243.3	2882	16.0	58	0.9	77.5	26.9	529	3.45	5	1.2	<0.1	6.3	200	0.2	1.3	0.2
125918	Drill Core	6.77	0.109	322.5	3686	22.0	52	1.4	56.9	15.7	513	2.35	14	1.1	<0.1	6.2	321	0.2	2.6	0.2
125919	Drill Core	7.08	0.081	184.0	2614	42.0	127	1.7	58.6	19.7	550	2.94	15	0.9	<0.1	5.1	254	0.6	2.9	0.3
125920	Drill Core	6.51	0.075	181.5	3015	40.2	128	1.1	65.1	17.4	526	2.59	86	1.1	<0.1	6.2	341	0.5	2.4	0.1
125921	Drill Core	6.39	0.068	337.9	2824	46.5	144	1.6	54.8	14.3	404	2.85	53	1.3	0.2	5.5	832	1.0	5.4	0.2
125922	Drill Core	5.79	0.116	212.1	3480	15.3	45	0.7	71.6	19.5	350	2.98	57	1.6	<0.1	7.8	528	<0.1	1.8	0.2
125923	Drill Core	7.25	0.082	104.6	2949	20.8	51	1.4	77.2	24.0	486	3.60	5	1.2	0.3	5.5	538	<0.1	0.8	0.2
125924	Drill Core	7.11	0.183	269.9	5940	36.9	104	2.8	90.8	23.8	566	3.62	5	1.1	0.1	5.1	301	<0.1	2.3	0.2
125925	Drill Core	5.03	0.100	248.5	3487	28.1	78	1.2	69.9	18.8	536	2.82	2	1.4	0.2	7.2	375	<0.1	0.8	0.2
125926	Rock Pulp	0.14	0.942	333.5	3102	26.1	63	1.8	33.2	9.7	566	3.51	12	0.9	1.4	2.2	259	0.3	5.1	0.6
125927	Drill Core	3.31	0.124	214.0	4114	32.2	105	1.3	75.0	22.3	679	3.16	10	1.3	<0.1	7.1	1134	0.2	2.1	0.1
125928	Drill Core	5.90	0.064	127.0	2189	66.0	164	1.0	68.0	19.1	416	2.93	3	1.5	0.2	7.2	110	0.6	0.7	0.2
125929	Drill Core	6.45	0.066	253.8	2432	22.9	68	0.8	65.0	19.9	418	3.33	5	1.5	<0.1	6.3	117	0.3	1.2	0.2
125930	Drill Core	6.28	0.088	207.6	2635	42.8	92	1.7	55.4	16.1	412	2.03	79	1.1	<0.1	6.3	218	<0.1	9.8	0.1
125931	Drill Core	6.60	0.028	232.7	1005	13.0	41	0.3	46.8	11.2	350	1.87	4	1.4	<0.1	6.2	194	<0.1	1.0	0.1
125932	Rock	1.14	<0.005	6.3	7.9	1.1	13	<0.1	2.0	0.7	249	0.45	<1	0.5	<0.1	<0.1	43	<0.1	<0.1	<0.1
125933	Drill Core	6.52	0.075	235.1	2973	18.8	59	0.8	61.0	23.5	348	2.61	12	1.5	<0.1	5.6	124	<0.1	1.7	0.1
125934	Drill Core	7.02	0.080	175.7	2275	13.5	41	0.6	48.3	17.5	233	1.90	8	1.0	<0.1	5.9	200	<0.1	1.1	0.1
125935	Drill Core	6.36	0.050	148.4	1601	52.4	89	2.9	48.6	14.0	556	1.81	9	0.9	<0.1	5.1	212	0.4	10.1	0.1
125936	Drill Core	6.90	0.042	185.9	1476	31.2	70	0.9	46.7	14.0	482	1.64	20	1.1	<0.1	6.0	185	0.2	4.9	0.1
125937	Drill Core	6.97	0.073	156.8	2761	32.3	72	1.5	59.2	20.5	616	2.25	27	1.1	<0.1	6.5	309	<0.1	3.8	<0.1
125938	Drill Core	3.97	0.081	133.6	2806	28.6	64	1.4	59.6	19.9	594	2.29	24	1.1	<0.1	6.7	329	<0.1	3.4	0.1
125939	Drill Core	7.00	0.085	205.9	2754	318.1	152	1.9	56.1	18.4	962	2.21	20	1.1	<0.1	7.1	283	0.6	12.2	0.1
125940	Drill Core	5.93	0.063	180.5	2497	100.1	258	4.2	45.1	15.2	2003	2.04	285	1.2	<0.1	6.4	513	1.2	107.4	<0.1
125941	Drill Core	4.27	0.142	106.2	3183	289.3	1265	20.3	56.1	31.2	9104	3.79	349	1.4	0.1	5.6	649	8.0	366.0	0.4
125942	Drill Core	6.86	0.031	113.1	1780	102.0	503	5.3	27.4	31.0	2365	3.26	143	1.4	<0.1	4.6	604	2.9	106.9	0.2
125943	Drill Core	6.77	0.023	60.6	1489	26.6	65	1.0	17.1	31.2	882	3.48	28	1.3	<0.1	4.2	251	0.2	13.8	0.2



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125914	Drill Core	2.17	0.052	31.0	91	1.08	87	0.157	5.85	1.189	2.64	0.3	15.5	62	2.0	12.2	2.8	0.1	<1	11
125915	Drill Core	1.23	0.076	25.9	89	1.10	178	0.173	7.81	1.199	3.67	0.5	22.9	52	1.6	9.4	2.2	0.1	1	15
125916	Drill Core	1.27	0.074	24.8	91	1.10	216	0.169	7.86	1.262	3.83	0.5	24.1	51	1.6	9.6	2.4	0.1	2	15
125917	Drill Core	1.27	0.064	26.4	84	1.16	84	0.176	7.54	1.284	3.66	0.7	21.4	52	1.5	8.6	2.3	0.2	1	14
125918	Drill Core	1.74	0.056	26.8	88	1.13	141	0.175	7.16	0.897	3.91	0.5	20.2	53	2.0	8.6	2.2	0.1	1	13
125919	Drill Core	1.81	0.059	21.1	80	1.14	121	0.139	6.88	0.504	3.29	1.0	17.8	42	2.7	7.0	1.6	0.1	1	12
125920	Drill Core	1.49	0.067	26.0	87	1.05	360	0.194	7.37	0.951	3.78	0.6	19.7	52	1.7	8.5	2.6	0.2	1	14
125921	Drill Core	1.42	0.063	27.0	77	1.09	179	0.163	7.57	0.666	3.69	0.9	25.6	51	2.9	7.6	2.2	0.1	1	13
125922	Drill Core	1.62	0.057	26.9	83	1.12	446	0.207	7.51	1.247	3.59	0.7	24.6	52	1.6	9.6	2.7	0.2	1	13
125923	Drill Core	2.59	0.092	20.7	103	1.41	520	0.405	8.15	1.685	2.38	0.7	23.1	42	1.5	15.9	3.8	0.3	2	18
125924	Drill Core	2.48	0.098	23.9	100	1.37	629	0.394	7.25	1.795	2.56	0.5	19.8	50	1.5	15.7	4.6	0.3	1	16
125925	Drill Core	1.73	0.067	26.6	89	1.25	741	0.265	7.40	1.662	3.05	0.5	22.6	52	1.1	13.5	3.2	0.2	2	13
125926	Rock Pulp	1.53	0.052	8.4	38	0.79	546	0.301	5.03	2.035	0.89	1.8	39.2	18	2.4	13.6	3.8	0.2	<1	9
125927	Drill Core	2.09	0.073	30.1	97	1.32	651	0.270	7.25	1.595	2.99	0.5	22.4	60	1.1	14.0	3.4	0.2	2	13
125928	Drill Core	1.68	0.062	24.2	88	1.13	732	0.195	7.64	1.133	3.08	0.5	26.6	48	1.1	10.7	2.2	0.1	2	13
125929	Drill Core	2.35	0.071	26.7	90	1.27	518	0.186	7.01	0.272	2.96	0.7	22.1	52	1.4	11.8	2.7	0.1	1	12
125930	Drill Core	2.48	0.046	24.5	85	1.21	742	0.233	6.77	0.098	2.15	0.9	19.2	45	0.8	9.7	2.7	0.2	1	11
125931	Drill Core	1.68	0.050	27.2	76	1.13	1131	0.160	6.99	0.685	2.90	0.5	23.3	50	0.8	12.7	1.6	<0.1	<1	11
125932	Rock	21.68	0.014	0.4	<1	11.83	33	<0.001	0.05	0.004	0.03	<0.1	0.2	<1	<0.1	0.8	0.2	<0.1	<1	<1
125933	Drill Core	2.03	0.047	26.4	87	1.12	295	0.162	6.21	0.288	2.54	0.6	19.2	48	1.2	10.1	2.3	0.1	1	9
125934	Drill Core	1.65	0.063	18.3	95	0.99	433	0.209	6.41	1.132	1.93	0.3	18.3	36	0.8	11.4	2.3	0.1	1	9
125935	Drill Core	2.05	0.056	18.0	85	1.12	876	0.180	6.38	0.813	2.22	0.6	18.4	35	0.8	10.6	1.6	0.1	1	9
125936	Drill Core	2.16	0.052	23.3	79	1.04	811	0.189	6.77	0.514	2.66	0.6	21.6	46	0.7	10.0	1.8	0.1	1	10
125937	Drill Core	2.03	0.067	25.6	87	1.08	920	0.227	6.96	1.159	2.74	0.7	22.5	49	0.8	11.0	2.3	0.2	1	11
125938	Drill Core	2.00	0.062	27.5	87	1.11	924	0.233	6.96	1.203	2.81	0.7	22.7	53	0.9	11.2	2.8	0.2	2	11
125939	Drill Core	2.25	0.059	26.4	87	1.21	1022	0.272	7.31	0.258	2.97	1.4	20.9	52	0.9	10.6	3.0	0.2	1	11
125940	Drill Core	2.92	0.062	29.0	59	1.23	655	0.211	7.06	0.069	2.08	1.8	21.1	55	0.8	8.6	2.2	0.1	1	10
125941	Drill Core	1.86	0.070	20.2	42	0.98	199	0.124	6.62	0.054	2.59	2.9	26.9	39	0.8	8.1	1.3	<0.1	1	8
125942	Drill Core	2.51	0.112	17.4	16	1.10	378	0.159	7.53	0.276	2.39	2.3	35.5	34	1.0	11.0	1.1	<0.1	1	7
125943	Drill Core	2.72	0.115	11.8	15	1.17	272	0.166	7.31	0.628	1.94	0.9	37.2	25	0.9	11.9	1.2	<0.1	<1	7



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125914	Drill Core	3.1	57.0	0.5
125915	Drill Core	1.8	77.5	0.7
125916	Drill Core	1.7	78.5	0.7
125917	Drill Core	2.5	79.6	0.6
125918	Drill Core	1.8	80.8	0.6
125919	Drill Core	2.5	74.8	0.5
125920	Drill Core	1.8	76.6	0.6
125921	Drill Core	2.1	80.4	0.7
125922	Drill Core	1.7	82.1	0.7
125923	Drill Core	1.9	83.9	0.6
125924	Drill Core	1.7	76.2	0.5
125925	Drill Core	1.2	77.5	0.7
125926	Rock Pulp	0.3	22.7	1.3
125927	Drill Core	1.5	72.6	0.7
125928	Drill Core	1.5	70.6	0.7
125929	Drill Core	1.7	55.6	0.7
125930	Drill Core	0.8	47.9	0.6
125931	Drill Core	0.7	61.3	0.7
125932	Rock	<0.1	2.0	<0.1
125933	Drill Core	1.5	57.9	0.6
125934	Drill Core	1.0	49.5	0.6
125935	Drill Core	0.7	58.6	0.6
125936	Drill Core	0.6	59.0	0.8
125937	Drill Core	1.0	64.5	0.7
125938	Drill Core	0.9	68.5	0.7
125939	Drill Core	0.8	65.8	0.7
125940	Drill Core	0.8	49.4	0.7
125941	Drill Core	2.1	97.0	0.7
125942	Drill Core	2.0	84.0	1.1
125943	Drill Core	2.2	55.8	1.0



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125944	Drill Core	7.29	0.022	22.5	1451	42.3	95	1.1	16.5	27.8	957	3.56	31	1.4	<0.1	4.1	213	0.5	10.7	0.2
125945	Rock Pulp	0.11	0.865	23.2	5123	6045	>10000	76.6	48.2	19.3	534	9.02	457	2.5	1.8	2.7	172	237.0	130.2	30.8
125946	Drill Core	6.42	0.032	99.0	1678	33.8	74	0.6	17.1	29.0	372	3.06	40	1.4	<0.1	4.3	233	0.2	3.3	0.2
125947	Drill Core	6.63	0.073	104.8	3780	13.6	46	1.0	29.0	50.1	292	4.35	4	1.3	0.1	4.5	1438	<0.1	0.7	0.3
125948	Drill Core	6.38	0.046	78.4	2490	13.0	44	0.7	22.3	35.3	232	3.62	5	1.4	<0.1	4.6	187	<0.1	0.5	0.3
125949	Rock	0.89	<0.005	0.8	22.6	1.2	12	0.1	2.7	0.9	265	0.44	2	0.5	<0.1	<0.1	50	<0.1	<0.1	<0.1
125950	Drill Core	6.54	0.052	90.0	2059	13.9	38	0.8	17.7	26.6	346	2.92	92	2.0	<0.1	4.4	281	<0.1	2.7	0.3
125951	Drill Core	7.19	0.058	113.5	2564	17.1	53	0.8	25.3	44.7	270	4.76	67	1.4	<0.1	4.3	224	<0.1	2.6	0.6
125952	Drill Core	6.64	0.031	46.4	1807	13.9	65	0.6	19.9	30.8	390	4.96	190	1.2	<0.1	4.2	305	0.2	25.2	0.5
125953	Drill Core	6.77	0.057	75.9	2437	14.6	38	1.1	25.3	33.5	302	3.96	5	1.3	<0.1	3.9	208	0.1	3.1	0.3
125954	Drill Core	7.07	0.059	135.9	3047	21.7	84	1.7	25.9	33.4	765	3.38	6	1.5	<0.1	4.2	267	0.2	2.1	0.3
125955	Drill Core	3.19	0.063	121.9	2945	18.6	70	1.5	30.9	35.9	568	3.61	4	1.6	<0.1	4.4	322	0.2	1.2	0.3
125956	Drill Core	6.38	0.047	71.9	2661	19.1	59	1.7	24.9	35.5	573	4.13	11	1.4	<0.1	4.2	339	<0.1	1.4	0.3
125957	Drill Core	6.65	0.036	50.5	1471	9.9	38	0.4	24.0	25.2	291	3.23	3	1.3	<0.1	3.1	476	0.1	0.3	<0.1
125958	Drill Core	6.75	0.052	84.0	1812	10.4	36	0.5	26.3	25.5	199	3.01	<1	1.0	<0.1	3.0	438	<0.1	0.2	<0.1
125959	Drill Core	6.95	0.034	62.4	1744	14.3	48	0.6	27.4	26.3	253	3.36	1	1.0	<0.1	2.6	435	0.2	0.2	<0.1
125960	Drill Core	7.02	0.034	110.6	1592	14.8	50	0.5	28.4	27.7	310	3.52	1	1.2	<0.1	2.9	454	0.1	0.3	0.1
125961	Drill Core	6.39	0.048	108.5	2278	15.0	52	0.8	24.3	24.3	280	2.82	5	1.1	<0.1	2.8	396	<0.1	0.4	0.1
125962	Drill Core	5.70	0.043	88.6	1808	18.0	56	0.8	20.4	22.4	434	2.73	2	1.2	<0.1	3.3	370	0.2	1.0	0.1
125963	Rock Pulp	0.13	0.924	163.5	3668	45.8	120	2.8	27.5	18.3	466	5.00	58	1.2	0.6	2.3	187	0.4	8.3	0.5
125964	Drill Core	7.36	0.041	96.5	1758	16.6	57	1.2	66.0	22.3	434	2.87	34	1.6	<0.1	6.6	178	0.2	7.6	0.2
125965	Drill Core	4.50	0.066	237.5	2008	13.8	51	0.8	43.1	16.4	275	2.00	28	1.5	<0.1	4.9	192	0.3	4.0	0.2
125966	Drill Core	6.56	0.072	113.0	2573	11.5	35	0.8	18.8	25.9	243	2.84	2	1.4	<0.1	3.8	180	<0.1	0.6	0.2
125967	Drill Core	6.58	0.090	142.5	3081	7.4	29	1.0	13.6	19.9	313	2.31	2	1.6	<0.1	2.9	113	<0.1	0.7	0.2
125968	Drill Core	4.24	0.040	62.5	1587	11.2	61	0.7	22.4	16.2	476	2.04	2	1.3	<0.1	4.0	138	0.4	0.9	0.2
125969	Rock	1.29	<0.005	0.2	10.7	1.0	13	<0.1	1.5	0.6	209	0.49	<1	0.5	<0.1	<0.1	33	<0.1	<0.1	<0.1
125970	Drill Core	5.92	0.032	82.2	1582	9.7	45	0.7	57.5	18.1	345	2.36	3	1.1	<0.1	5.8	83	0.1	1.3	0.1
125971	Drill Core	5.70	0.045	75.4	2040	15.0	51	0.6	58.2	21.6	282	2.62	3	1.3	0.1	6.9	172	<0.1	0.7	0.2
125972	Drill Core	6.41	0.076	363.6	3285	6.5	26	1.0	45.5	18.4	274	2.33	7	1.6	0.4	5.6	161	0.2	1.3	0.3
125973	Drill Core	6.19	0.060	266.3	3086	11.6	53	1.0	61.2	20.7	318	2.86	12	1.4	<0.1	6.3	221	<0.1	1.9	0.3



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Project: Poplar Drilling
Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
	Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125944	Drill Core	2.29	0.121	16.5	17	1.03	415	0.164	7.45	0.636	1.97	0.9	37.9	34	0.7	11.7	1.2	<0.1	1	7
125945	Rock Pulp	1.77	0.052	11.2	34	0.86	35	0.207	3.89	1.225	0.71	1.2	30.0	26	49.0	11.5	4.3	0.2	<1	7
125946	Drill Core	2.52	0.108	16.9	13	1.05	398	0.126	7.31	0.766	1.81	0.4	35.7	35	0.7	11.8	1.0	<0.1	<1	6
125947	Drill Core	2.70	0.116	13.9	20	1.06	308	0.184	7.62	1.225	1.76	1.0	35.7	28	1.0	13.2	1.6	0.1	2	7
125948	Drill Core	2.22	0.115	15.0	16	1.06	360	0.168	7.53	1.600	1.86	0.8	34.2	33	0.9	12.0	1.5	0.1	1	7
125949	Rock	22.32	0.017	0.5	<1	11.76	18	0.002	0.06	0.009	0.03	<0.1	0.3	1	<0.1	0.8	0.1	<0.1	<1	<1
125950	Drill Core	2.39	0.112	23.2	14	1.07	469	0.135	7.36	0.562	2.33	1.0	34.3	45	1.1	11.4	1.1	<0.1	1	7
125951	Drill Core	2.13	0.109	11.4	14	0.85	78	0.133	7.10	0.831	3.17	1.7	31.4	22	1.6	9.5	1.4	0.1	1	7
125952	Drill Core	2.30	0.124	10.3	15	1.03	174	0.167	7.62	0.567	2.18	1.0	32.3	21	1.1	10.3	2.0	0.1	2	7
125953	Drill Core	3.14	0.108	14.6	34	1.31	292	0.162	6.89	0.986	2.08	1.6	38.1	29	1.5	11.0	1.2	<0.1	<1	9
125954	Drill Core	2.81	0.125	19.6	25	1.06	439	0.124	7.35	0.254	2.79	1.4	34.9	39	1.8	10.2	0.9	<0.1	1	8
125955	Drill Core	2.46	0.118	23.0	24	1.16	530	0.118	7.36	0.225	2.93	1.3	36.4	44	1.7	10.6	0.8	<0.1	1	8
125956	Drill Core	3.43	0.124	20.5	35	1.23	401	0.274	7.29	0.981	2.07	0.7	32.7	41	1.6	11.8	1.9	0.1	1	9
125957	Drill Core	3.07	0.109	14.3	34	1.39	189	0.248	6.60	1.924	1.67	0.2	34.9	31	0.9	10.4	1.7	0.1	<1	9
125958	Drill Core	3.20	0.113	11.9	41	1.49	160	0.258	6.48	2.407	1.66	0.3	34.6	27	1.0	10.2	1.8	0.1	2	9
125959	Drill Core	2.98	0.110	9.3	37	1.41	147	0.264	5.92	2.493	1.67	0.3	34.0	22	1.1	8.9	1.9	0.1	<1	9
125960	Drill Core	2.80	0.119	8.2	39	1.59	158	0.257	6.74	2.709	1.62	0.4	34.8	20	1.0	9.3	1.9	0.1	<1	9
125961	Drill Core	2.56	0.098	9.7	32	1.33	150	0.194	6.17	2.265	1.75	0.3	32.0	24	0.9	9.4	1.2	<0.1	2	8
125962	Drill Core	3.21	0.103	12.3	25	1.29	275	0.217	6.10	1.211	1.63	0.8	30.6	28	0.8	8.8	1.4	0.1	2	8
125963	Rock Pulp	0.39	0.097	11.0	45	0.82	85	0.240	6.11	1.046	2.95	23.9	21.0	23	2.8	9.1	2.9	0.1	<1	11
125964	Drill Core	1.80	0.067	20.7	76	1.29	324	0.116	9.83	0.513	2.71	0.9	27.6	44	0.6	8.7	1.1	<0.1	1	19
125965	Drill Core	2.60	0.064	18.4	56	1.07	622	0.134	7.09	0.889	2.39	0.8	27.5	39	0.4	8.9	1.1	<0.1	3	11
125966	Drill Core	2.08	0.109	12.8	10	1.17	166	0.127	7.07	1.741	1.92	0.6	44.4	28	0.8	12.5	1.3	<0.1	1	6
125967	Drill Core	2.45	0.084	17.2	8	1.00	541	0.132	6.61	1.016	2.14	0.6	40.8	38	0.9	9.6	1.2	<0.1	2	7
125968	Drill Core	8.81	0.092	21.7	13	1.10	315	0.141	7.01	0.501	1.66	0.8	73.2	43	0.5	12.7	1.5	0.1	<1	8
125969	Rock	17.66	0.014	0.5	<1	12.64	11	0.001	0.02	0.005	0.02	<0.1	0.6	<1	<0.1	0.7	<0.1	<0.1	<1	<1
125970	Drill Core	2.89	0.066	13.0	75	1.22	622	0.164	7.65	0.275	2.22	1.6	23.0	29	0.6	10.0	1.6	0.1	2	14
125971	Drill Core	1.69	0.080	19.1	65	1.24	312	0.170	8.96	1.305	2.42	0.7	21.7	42	0.8	11.1	1.6	0.1	2	17
125972	Drill Core	2.22	0.052	28.1	58	1.00	386	0.077	6.97	0.167	2.29	1.2	20.7	54	1.1	8.2	0.8	<0.1	<1	11
125973	Drill Core	1.77	0.079	24.8	79	1.25	223	0.114	8.40	0.254	2.55	0.9	20.7	49	1.0	10.8	1.4	<0.1	2	17



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Report Date: December 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125944	Drill Core	2.2	56.4	1.1
125945	Rock Pulp	9.6	20.5	0.9
125946	Drill Core	2.0	45.4	1.1
125947	Drill Core	2.7	40.7	1.1
125948	Drill Core	2.0	46.8	1.1
125949	Rock	<0.1	0.7	<0.1
125950	Drill Core	1.6	54.0	1.0
125951	Drill Core	3.1	65.3	0.9
125952	Drill Core	3.3	51.4	0.8
125953	Drill Core	2.5	48.5	1.2
125954	Drill Core	2.5	53.4	1.2
125955	Drill Core	2.5	63.2	1.1
125956	Drill Core	2.5	66.6	1.0
125957	Drill Core	2.2	39.8	1.0
125958	Drill Core	2.6	33.4	0.8
125959	Drill Core	2.6	22.9	1.0
125960	Drill Core	2.7	32.6	1.0
125961	Drill Core	2.1	31.0	0.8
125962	Drill Core	1.1	27.5	0.9
125963	Rock Pulp	2.6	96.0	0.6
125964	Drill Core	1.4	61.5	0.9
125965	Drill Core	0.9	38.3	0.7
125966	Drill Core	1.5	48.7	1.3
125967	Drill Core	1.1	34.1	1.0
125968	Drill Core	0.8	54.1	0.9
125969	Rock	<0.1	0.6	<0.1
125970	Drill Core	1.0	29.8	0.8
125971	Drill Core	1.3	55.4	0.7
125972	Drill Core	1.5	44.3	0.7
125973	Drill Core	1.6	60.1	0.6



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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125974	Drill Core	2.12	0.064	195.5	2320	11.5	37	0.7	45.9	17.0	315	2.87	13	1.0	<0.1	4.6	167	<0.1	2.2	<0.1
125975	Drill Core	2.08	<0.005	1.4	27.1	10.0	89	<0.1	17.5	17.1	1173	5.02	8	0.9	<0.1	3.3	299	0.1	1.9	<0.1
125976	Drill Core	7.18	0.049	87.3	2226	14.5	57	0.6	63.5	25.9	406	3.35	53	1.2	<0.1	6.0	200	<0.1	2.1	0.1
125977	Drill Core	3.75	0.054	109.9	2440	16.9	65	1.0	67.5	25.9	410	3.40	86	1.1	<0.1	5.6	237	<0.1	3.2	0.1
125978	Drill Core	7.09	0.036	106.0	1863	11.1	39	0.6	63.7	23.8	405	3.49	40	1.0	<0.1	5.0	226	<0.1	1.1	0.2
125979	Drill Core	5.79	0.043	99.3	1766	10.6	40	0.8	63.9	23.3	628	3.27	27	1.1	<0.1	5.8	121	<0.1	3.8	0.2



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CERTIFICATE OF ANALYSIS

SMI11000759.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
	Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125974	Drill Core	2.38	0.052	22.7	87	1.11	661	0.223	6.23	0.929	2.11	0.3	18.8	47	0.7	10.7	3.6	0.2	2	12
125975	Drill Core	3.84	0.190	18.2	16	1.89	455	0.612	8.72	0.066	2.39	0.3	79.3	40	1.0	12.1	8.7	0.5	2	15
125976	Drill Core	1.64	0.058	23.4	86	1.09	211	0.140	7.90	1.084	2.57	0.9	18.4	47	1.0	9.8	1.4	<0.1	2	16
125977	Drill Core	1.58	0.052	22.3	84	1.09	139	0.137	7.78	1.031	2.32	0.9	19.1	46	1.0	9.6	1.6	0.1	<1	14
125978	Drill Core	1.03	0.057	15.9	81	1.21	125	0.143	7.33	1.251	2.23	0.7	14.2	36	0.7	7.3	1.3	<0.1	1	15
125979	Drill Core	1.50	0.057	21.5	76	1.28	246	0.122	8.07	0.588	2.25	1.1	13.8	44	1.0	7.4	1.2	<0.1	1	17



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125974	Drill Core	0.9	45.2	0.6
125975	Drill Core	<0.1	57.8	2.3
125976	Drill Core	1.7	67.6	0.5
125977	Drill Core	1.9	67.0	0.4
125978	Drill Core	1.7	58.2	0.3
125979	Drill Core	1.9	55.6	0.3



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Part 1

QUALITY CONTROL REPORT

SMI11000759.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
125876	Drill Core	7.41	0.122	4.7	3249	99.2	254	2.2	7.8	16.5	2204	4.64	22	0.6	0.1	3.3	238	1.6	3.3	0.4	66
REP 125876	QC	0.121																			
125884	Drill Core	6.62	<0.005	0.2	16.1	206.7	289	0.6	3.5	2.2	1189	1.09	7	9.7	<0.1	13.2	210	1.2	3.9	0.2	14
REP 125884	QC	0.5 15.7 192.0 295 0.7 3.3 2.3 1197 1.13 8 9.7 <0.1 13.7 211 1.5 3.9 0.2 14																			
125906	Drill Core	4.43	0.125	122.0	3484	15.8	48	0.8	20.9	19.2	282	1.97	7	1.1	0.2	4.3	319	0.3	0.6	0.1	61
REP 125906	QC	142.6 3583 15.6 48 0.6 21.6 19.4 294 1.97 6 1.0 <0.1 4.1 325 0.2 0.6 0.1 62																			
125914	Drill Core	7.46	0.168	449.2	5446	11.0	35	0.9	71.3	26.6	208	3.27	2	1.0	0.1	4.9	247	<0.1	0.3	0.1	101
REP 125914	QC	0.190																			
125940	Drill Core	5.93	0.063	180.5	2497	100.1	258	4.2	45.1	15.2	2003	2.04	285	1.2	<0.1	6.4	513	1.2	107.4	<0.1	89
REP 125940	QC	0.065																			
125947	Drill Core	6.63	0.073	104.8	3780	13.6	46	1.0	29.0	50.1	292	4.35	4	1.3	0.1	4.5	1438	<0.1	0.7	0.3	79
REP 125947	QC	96.2 3644 13.0 41 1.0 27.7 47.1 270 3.94 4 1.3 <0.1 4.4 1373 <0.1 0.6 0.3 72																			
125961	Drill Core	6.39	0.048	108.5	2278	15.0	52	0.8	24.3	24.3	280	2.82	5	1.1	<0.1	2.8	396	<0.1	0.4	0.1	94
REP 125961	QC	0.047																			
Core Reject Duplicates																					
125865	Drill Core	7.48	0.110	16.6	3057	26.0	103	1.3	6.2	13.4	355	3.34	<1	0.5	<0.1	3.3	393	0.6	0.5	0.4	47
DUP 125865	QC	0.106 14.2 2945 25.6 97 1.2 5.7 12.1 353 3.21 <1 0.5 <0.1 3.4 392 0.5 0.3 0.3 46																			
125900	Drill Core	5.40	0.079	311.3	2811	75.2	154	10.2	27.0	28.1	1083	2.57	20	1.4	<0.1	3.9	270	0.9	35.2	0.4	58
DUP 125900	QC	0.078 314.9 2946 73.8 158 8.6 27.6 30.2 1123 2.78 21 1.5 <0.1 3.9 261 0.9 38.1 0.4 59																			
125935	Drill Core	6.36	0.050	148.4	1601	52.4	89	2.9	48.6	14.0	556	1.81	9	0.9	<0.1	5.1	212	0.4	10.1	0.1	85
DUP 125935	QC	0.059 154.2 1677 60.4 93 3.1 48.2 14.0 573 1.88 9 0.9 <0.1 5.3 214 0.3 11.5 <0.1 88																			
125970	Drill Core	5.92	0.032	82.2	1582	9.7	45	0.7	57.5	18.1	345	2.36	3	1.1	<0.1	5.8	83	0.1	1.3	0.1	136
DUP 125970	QC	0.034 84.6 1575 9.7 45 0.6 55.5 17.1 342 2.39 4 1.1 <0.1 6.0 84 <0.1 1.6 0.1 134																			
Reference Materials																					
STD OREAS24P	Standard	1.4 51.0 3.1 104 <0.1 141.0 44.7 1083 6.94 1 0.8 <0.1 3.2 372 <0.1 0.1 <0.1 148																			
STD OREAS24P	Standard	1.4 53.8 3.1 107 <0.1 138.2 42.7 1039 7.20 <1 0.6 <0.1 2.8 361 <0.1 0.1 <0.1 166																			
STD OREAS24P	Standard	1.2 48.9 2.9 109 <0.1 141.6 43.5 1073 7.46 2 0.8 <0.1 2.9 340 <0.1 <0.1 <0.1 164																			
STD OREAS24P	Standard	1.4 50.3 3.1 111 0.1 145.3 47.1 1164 7.65 1 0.7 <0.1 2.9 402 0.1 <0.1 <0.1 163																			



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QUALITY CONTROL REPORT

SMI11000759.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
Pulp Duplicates																				
125876	Drill Core	1.81	0.091	7.7	16	0.80	294	0.162	5.90	0.178	1.84	1.4	9.4	18	2.0	5.7	3.1	0.2	1	5
REP 125876	QC																			
125884	Drill Core	1.41	0.029	9.2	6	0.39	782	0.069	6.21	0.090	1.98	1.0	54.0	21	0.5	7.3	14.0	1.3	2	2
REP 125884	QC	1.42	0.030	10.0	7	0.40	814	0.072	6.30	0.090	1.96	1.1	54.2	21	0.7	7.7	14.2	1.3	1	2
125906	Drill Core	1.43	0.115	19.1	15	0.91	314	0.115	7.55	2.101	2.62	0.4	19.4	38	1.3	10.1	1.5	<0.1	2	7
REP 125906	QC	1.47	0.112	19.3	14	0.91	278	0.113	7.84	2.164	2.70	0.4	19.5	39	1.1	10.3	1.4	<0.1	1	7
125914	Drill Core	2.17	0.052	31.0	91	1.08	87	0.157	5.85	1.189	2.64	0.3	15.5	62	2.0	12.2	2.8	0.1	<1	11
REP 125914	QC																			
125940	Drill Core	2.92	0.062	29.0	59	1.23	655	0.211	7.06	0.069	2.08	1.8	21.1	55	0.8	8.6	2.2	0.1	1	10
REP 125940	QC																			
125947	Drill Core	2.70	0.116	13.9	20	1.06	308	0.184	7.62	1.225	1.76	1.0	35.7	28	1.0	13.2	1.6	0.1	2	7
REP 125947	QC	2.51	0.108	14.5	19	1.02	379	0.174	7.59	1.146	1.66	1.1	35.1	29	1.0	12.8	1.7	0.1	2	7
125961	Drill Core	2.56	0.098	9.7	32	1.33	150	0.194	6.17	2.265	1.75	0.3	32.0	24	0.9	9.4	1.2	<0.1	2	8
REP 125961	QC																			
Core Reject Duplicates																				
125865	Drill Core	1.92	0.071	7.2	15	0.58	68	0.110	5.89	1.913	2.43	0.2	12.3	16	1.3	4.6	2.3	0.1	1	4
DUP 125865	QC	1.92	0.071	7.8	15	0.57	70	0.104	5.95	1.922	2.47	0.2	12.2	17	1.3	4.9	2.9	0.2	<1	4
125900	Drill Core	1.22	0.118	20.3	13	1.02	297	0.082	7.53	0.376	3.16	1.0	24.6	40	1.3	9.5	1.0	<0.1	1	7
DUP 125900	QC	1.25	0.123	21.1	14	1.04	248	0.083	7.73	0.384	3.28	1.0	23.8	43	1.2	9.4	1.0	<0.1	2	7
125935	Drill Core	2.05	0.056	18.0	85	1.12	876	0.180	6.38	0.813	2.22	0.6	18.4	35	0.8	10.6	1.6	0.1	1	9
DUP 125935	QC	2.07	0.056	18.5	83	1.10	926	0.178	6.41	0.805	2.21	0.6	19.1	36	0.7	10.2	1.9	<0.1	1	9
125970	Drill Core	2.89	0.066	13.0	75	1.22	622	0.164	7.65	0.275	2.22	1.6	23.0	29	0.6	10.0	1.6	0.1	2	14
DUP 125970	QC	2.95	0.068	13.1	76	1.28	648	0.167	7.75	0.284	2.22	1.4	22.0	28	0.7	9.9	1.4	<0.1	2	15
Reference Materials																				
STD OREAS24P	Standard	5.65	0.124	19.1	192	3.92	277	1.054	7.65	2.277	0.65	0.4	129.9	37	1.3	23.7	18.6	1.2	1	18
STD OREAS24P	Standard	5.35	0.130	18.1	227	3.90	256	1.042	7.31	2.420	0.63	0.4	129.1	36	1.5	20.2	18.3	1.1	1	19
STD OREAS24P	Standard	5.49	0.126	17.9	207	4.00	274	1.013	7.52	2.483	0.62	0.4	128.2	37	1.4	21.4	18.0	1.1	1	20
STD OREAS24P	Standard	6.07	0.138	20.0	223	4.08	286	1.091	8.08	2.359	0.62	0.4	135.4	37	1.5	21.9	19.2	1.1	1	20



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 31, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000759.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125876	Drill Core	2.9	35.2	0.3
REP 125876	QC			
125884	Drill Core	0.1	93.4	2.7
REP 125884	QC	0.1	96.9	2.5
125906	Drill Core	1.5	51.7	0.7
REP 125906	QC	1.5	53.8	0.6
125914	Drill Core	3.1	57.0	0.5
REP 125914	QC			
125940	Drill Core	0.8	49.4	0.7
REP 125940	QC			
125947	Drill Core	2.7	40.7	1.1
REP 125947	QC	2.5	40.3	1.0
125961	Drill Core	2.1	31.0	0.8
REP 125961	QC			
Core Reject Duplicates				
125865	Drill Core	3.6	43.7	0.4
DUP 125865	QC	3.4	47.3	0.4
125900	Drill Core	1.8	80.8	0.7
DUP 125900	QC	1.9	82.7	0.8
125935	Drill Core	0.7	58.6	0.6
DUP 125935	QC	0.8	54.5	0.6
125970	Drill Core	1.0	29.8	0.8
DUP 125970	QC	1.1	31.2	0.7
Reference Materials				
STD OREAS24P	Standard	<0.1	20.8	3.6
STD OREAS24P	Standard	<0.1	19.3	3.3
STD OREAS24P	Standard	<0.1	19.7	3.5
STD OREAS24P	Standard	<0.1	21.3	3.3



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Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000759.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.6	55.2	2.9	116	<0.1	153.5	48.5	1161	7.63	1	0.7	<0.1	3.0	379	0.1	0.1	<0.1
STD OREAS24P	Standard			1.2	44.7	3.3	105	<0.1	131.2	42.8	1033	7.18	<1	0.6	<0.1	2.6	348	0.2	<0.1	<0.1
STD OREAS45C	Standard			2.5	613.8	28.7	78	0.4	311.8	100.7	1159	17.36	11	2.5	<0.1	12.4	34	0.1	2.0	0.3
STD OREAS45C	Standard			2.0	598.5	25.1	77	0.4	334.9	101.1	1066	17.68	11	2.3	<0.1	9.2	31	0.3	0.8	0.2
STD OREAS45C	Standard			2.4	585.7	25.2	73	0.3	325.0	99.0	1075	17.91	10	2.4	<0.1	11.1	33	0.3	0.8	0.2
STD OREAS45C	Standard			2.1	589.3	24.5	82	0.3	324.5	103.4	1112	17.13	12	2.3	<0.1	10.5	36	0.2	0.7	0.2
STD OREAS45C	Standard			2.4	629.9	25.8	84	0.4	344.2	108.8	1233	18.38	11	2.3	<0.1	11.5	38	0.1	1.0	0.2
STD OREAS45C	Standard			1.9	600.2	21.4	77	0.3	313.2	99.1	1066	16.65	9	2.1	<0.1	9.4	33	0.3	0.7	0.2
STD OXH82	Standard		1.245																	
STD OXH82	Standard		1.252																	
STD OXH82	Standard		1.304																	
STD OXH82	Standard		1.219																	
STD OXH82	Standard		1.323																	
STD OXK79	Standard		3.613																	
STD OXK79	Standard		3.802																	
STD OXK79	Standard		3.642																	
STD OXK79	Standard		3.708																	
STD OXK79	Standard		3.394																	
STD OXK79	Standard		3.770																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1



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Project: Poplar Drilling

Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000759.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	6.04	0.145	19.9	210	4.09	290	1.076	7.91	2.476	0.68	0.4	133.7	38	1.8	22.5	19.3	1.1	1	21	8.0
STD OREAS24P	Standard	5.35	0.130	16.8	191	3.96	255	0.992	7.66	2.398	0.63	0.6	122.2	33	1.7	20.0	18.0	1.0	1	19	7.7
STD OREAS45C	Standard	0.47	0.050	28.1	821	0.26	281	1.192	7.10	0.097	0.33	1.2	158.2	53	2.7	13.7	21.6	1.6	1	56	15.7
STD OREAS45C	Standard	0.44	0.053	22.4	925	0.25	275	1.111	6.54	0.102	0.36	1.1	164.5	46	3.0	11.0	22.1	1.4	1	54	15.8
STD OREAS45C	Standard	0.47	0.044	25.0	864	0.25	268	1.077	7.17	0.109	0.34	1.0	152.1	50	2.6	13.3	21.5	1.4	<1	59	15.6
STD OREAS45C	Standard	0.49	0.051	27.2	994	0.21	262	1.086	7.15	0.099	0.32	1.0	154.7	49	2.4	12.3	20.3	1.2	<1	58	15.9
STD OREAS45C	Standard	0.49	0.055	29.0	961	0.27	299	1.169	7.64	0.101	0.37	1.1	166.0	55	3.1	13.6	22.7	1.4	1	65	15.8
STD OREAS45C	Standard	0.45	0.048	24.4	876	0.25	262	1.039	7.19	0.095	0.33	0.9	147.8	48	2.5	12.0	20.4	1.2	<1	60	14.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1



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QUALITY CONTROL REPORT

SMI11000759.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	21.1	3.4
STD OREAS24P	Standard	<0.1	19.6	3.1
STD OREAS45C	Standard	<0.1	22.4	4.7
STD OREAS45C	Standard	<0.1	19.0	4.3
STD OREAS45C	Standard	<0.1	22.6	4.3
STD OREAS45C	Standard	<0.1	23.0	4.2
STD OREAS45C	Standard	<0.1	24.0	4.3
STD OREAS45C	Standard	<0.1	22.5	3.8
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

SMI11000759.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.1																			
BLK	Blank	<0.1																			
Prep Wash																					
G1	Prep Blank	<0.005																			
G1	Prep Blank	<0.005																			



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Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000759.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.27	0.084	23.1	19	0.55	1021	0.266	6.57	2.735	1.45	0.2	13.8	47	1.7	13.4	25.6	1.3	3	4	38.9
G1	Prep Blank	2.16	0.076	24.4	17	0.53	916	0.258	6.38	2.750	1.71	0.1	10.9	50	1.6	13.1	24.9	1.3	3	5	33.1



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Report Date: December 31, 2011

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QUALITY CONTROL REPORT

SMI11000759.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	50.0	0.6
G1	Prep Blank	<0.1	54.0	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: February 13, 2012
Report Date: February 17, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI11000759R.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_112_
P.O. Number
Number of Samples: 21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G601	21	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	21	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

SMI11000759R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
125916	Drill Core	0.105	241.3	3024	28.7	60	1.2	68.3	19.2	408	2.59	5	1.3	<0.1	5.9	175	<0.1	2.8	0.1	119
125917	Drill Core	0.079	230.1	2730	13.8	52	0.8	69.6	23.8	452	3.03	4	1.2	<0.1	5.3	152	<0.1	1.2	<0.1	114
125918	Drill Core	0.102	313.2	3601	19.6	47	1.2	53.5	14.9	469	2.23	9	1.1	<0.1	5.5	254	<0.1	2.6	0.2	112
125919	Drill Core	0.080	171.2	2639	39.3	121	1.5	55.3	19.0	513	2.82	11	0.9	<0.1	4.6	212	0.5	2.5	0.2	107
125920	Drill Core	0.091	195.7	2980	37.7	118	0.9	64.2	16.3	490	2.50	66	1.0	<0.1	5.6	297	0.5	2.3	0.1	121
125921	Drill Core	0.070	336.7	2855	42.1	129	1.4	50.8	12.6	371	2.61	38	1.2	0.2	5.5	670	0.7	4.4	0.1	115
125922	Drill Core	0.108	216.8	3498	14.3	48	0.8	75.8	20.0	294	2.89	48	1.3	0.2	6.5	479	<0.1	1.7	0.1	132
125923	Drill Core	0.098	126.9	2920	19.5	50	1.1	77.1	23.6	444	3.38	5	0.9	<0.1	3.6	431	<0.1	0.7	<0.1	165
125924	Drill Core	0.183	266.6	6292	32.4	102	2.5	93.7	23.6	525	3.52	5	0.9	0.4	3.9	266	0.2	2.0	<0.1	149
125925	Drill Core	0.118	236.9	3414	25.3	78	1.0	69.0	18.3	462	2.59	2	1.1	0.2	5.6	311	0.3	0.7	0.1	115
125926	Rock Pulp	1.078	360.6	3313	25.1	61	1.8	35.1	9.8	577	3.65	10	0.9	1.3	2.1	214	0.2	4.6	0.5	84
125927	Drill Core	0.138	216.4	3957	28.5	96	1.4	71.8	20.4	609	2.81	7	0.9	0.2	5.4	887	0.2	1.5	<0.1	110
125928	Drill Core	0.066	127.5	2301	55.5	155	0.8	69.2	19.8	384	2.85	3	1.3	<0.1	6.0	83	0.7	0.7	0.1	126
125929	Drill Core	0.064	253.8	2578	20.2	66	0.9	64.9	20.5	377	3.07	4	1.2	<0.1	5.1	88	<0.1	1.0	0.1	114
125930	Drill Core	0.095	209.5	2767	32.9	91	1.6	56.1	15.5	395	2.02	66	1.0	<0.1	5.3	176	0.2	8.6	<0.1	105
125931	Drill Core	0.033	247.4	1055	12.5	42	0.3	49.0	11.5	298	1.83	4	1.3	<0.1	5.7	158	<0.1	0.9	<0.1	101
125932	Rock	<0.005	0.8	9.5	1.1	13	<0.1	0.6	0.8	211	0.46	1	0.4	<0.1	<0.1	36	<0.1	<0.1	<0.1	1
125933	Drill Core	0.097	228.0	3041	18.0	64	0.8	63.7	23.9	278	2.59	11	1.3	<0.1	4.5	100	0.2	1.5	<0.1	96
125934	Drill Core	0.077	183.2	2389	12.8	42	0.5	49.3	16.7	183	1.96	7	0.8	0.1	4.7	158	0.1	0.8	<0.1	99
125935	Drill Core	0.056	151.9	1668	47.8	90	2.8	49.5	13.8	531	1.76	8	0.8	<0.1	4.5	164	0.4	8.8	<0.1	92
125936	Drill Core	0.050	201.3	1585	30.3	77	1.1	47.9	13.4	471	1.71	18	1.0	<0.1	5.2	151	<0.1	3.7	<0.1	97



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Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

SMI11000759R.1

	Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
125916	Drill Core	0.064	22.2	85	1.04	219	0.162	5.84	1.163	2.89	0.4	23.7	44	1.4	7.4	2.7	0.1	2	11	15.3
125917	Drill Core	0.054	21.3	90	1.08	148	0.155	5.68	1.226	3.18	0.4	20.1	41	1.4	6.6	2.4	0.1	1	10	10.9
125918	Drill Core	0.052	24.0	92	1.14	207	0.169	5.92	0.882	2.94	0.6	20.3	46	1.6	6.9	2.5	0.1	1	11	12.3
125919	Drill Core	0.052	18.2	84	1.13	137	0.133	5.85	0.508	2.89	1.1	17.3	36	2.2	5.4	1.9	0.1	1	10	11.4
125920	Drill Core	0.062	21.5	87	1.02	166	0.186	6.02	0.923	3.17	0.6	19.6	43	1.6	6.9	2.7	0.2	2	11	14.6
125921	Drill Core	0.052	25.6	79	1.08	115	0.158	6.26	0.630	2.90	0.8	20.9	47	2.4	6.7	2.3	0.2	<1	10	14.6
125922	Drill Core	0.057	23.8	92	1.12	550	0.212	8.23	1.276	3.07	0.8	26.1	45	1.7	8.2	3.2	0.2	2	15	16.7
125923	Drill Core	0.088	12.7	107	1.35	497	0.354	6.77	1.624	2.47	0.6	23.3	28	1.4	10.5	4.3	0.3	2	16	20.9
125924	Drill Core	0.093	18.6	100	1.32	504	0.356	6.28	1.745	2.68	0.6	20.3	38	1.5	11.9	4.9	0.3	1	14	15.5
125925	Drill Core	0.066	20.3	87	1.18	464	0.226	6.20	1.547	2.91	0.4	22.7	41	1.2	9.9	3.3	0.2	1	11	14.1
125926	Rock Pulp	0.052	8.2	46	0.81	526	0.270	4.94	2.108	0.90	1.8	40.6	17	2.2	12.0	3.9	0.3	<1	9	14.3
125927	Drill Core	0.063	21.1	93	1.27	299	0.228	5.69	1.461	2.60	0.5	20.8	43	1.2	10.1	3.3	0.2	1	10	11.4
125928	Drill Core	0.060	20.4	87	1.15	384	0.171	6.76	1.149	3.08	0.5	25.8	41	1.1	8.5	2.3	0.1	2	12	15.9
125929	Drill Core	0.068	19.2	91	1.20	294	0.173	6.13	0.257	2.92	0.7	21.9	39	1.3	8.8	2.6	0.2	1	11	20.4
125930	Drill Core	0.044	21.4	86	1.18	703	0.216	6.45	0.097	2.22	1.0	20.8	39	0.9	8.4	2.9	0.2	1	11	33.1
125931	Drill Core	0.052	25.9	82	1.13	1064	0.153	6.47	0.693	3.14	0.6	25.1	48	0.7	8.7	1.9	0.1	1	10	17.5
125932	Rock	0.013	0.5	5	11.97	32	0.002	0.05	0.004	0.03	<0.1	0.3	<1	<0.1	0.6	0.2	<0.1	<1	<1	0.8
125933	Drill Core	0.047	23.8	95	1.13	279	0.157	5.64	0.277	2.75	0.7	21.1	43	1.2	8.5	2.5	0.1	1	9	17.9
125934	Drill Core	0.064	15.5	98	1.01	428	0.191	5.45	1.160	1.87	0.5	20.3	30	0.9	9.2	2.5	0.2	1	8	20.3
125935	Drill Core	0.055	14.7	83	1.10	848	0.162	5.78	0.827	2.31	0.7	19.0	29	0.7	9.2	1.8	0.1	1	9	19.1
125936	Drill Core	0.052	18.5	81	1.05	776	0.169	6.33	0.522	2.60	0.7	24.3	37	0.7	8.0	2.0	0.1	1	9	24.0



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Project: Poplar Drilling
Report Date: February 17, 2012

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000759R.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
125916	Drill Core	63.1	0.7
125917	Drill Core	64.4	0.6
125918	Drill Core	57.6	0.5
125919	Drill Core	55.8	0.6
125920	Drill Core	68.2	0.6
125921	Drill Core	66.5	0.6
125922	Drill Core	65.4	0.9
125923	Drill Core	51.0	0.6
125924	Drill Core	57.3	0.6
125925	Drill Core	61.1	0.6
125926	Rock Pulp	22.9	1.2
125927	Drill Core	49.8	0.6
125928	Drill Core	58.6	0.8
125929	Drill Core	38.6	0.5
125930	Drill Core	38.1	0.6
125931	Drill Core	60.2	0.7
125932	Rock	2.0	<0.1
125933	Drill Core	49.6	0.6
125934	Drill Core	43.9	0.6
125935	Drill Core	46.5	0.6
125936	Drill Core	47.1	0.7



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Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

SMI11000759R.1

	Method Analyte Unit MDL	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Reference Materials																					
STD OREAS24P	Standard		1.9	57.0	3.0	113	<0.1	147.9	47.1	1108	7.43	1	0.7	<0.1	3.0	370	<0.1	<0.1	<0.1	169	5.82
STD OREAS45C	Standard		2.3	624.7	25.9	90	0.3	331.4	104.5	1170	17.46	11	2.5	<0.1	11.1	33	0.2	0.8	0.2	273	0.45
STD OXH82	Standard	1.376																			
STD OXK79	Standard	3.758																			
STD OREAS24P Expected			1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45C Expected			2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
STD OXH82 Expected		1.278																			
STD OXK79 Expected		3.532																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.01	
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			



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Project: Poplar Drilling

Report Date: February 17, 2012

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

SMI11000759R.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Reference Materials																					
STD OREAS24P	Standard	0.131	18.6	216	4.02	274	1.119	7.72	2.480	0.67	0.4	134.2	36	1.3	20.7	19.6	1.1	1	19	8.3	<0.1
STD OREAS45C	Standard	0.050	24.5	1024	0.21	276	1.206	7.32	0.104	0.34	1.1	161.4	47	2.6	11.0	23.1	1.5	<1	54	17.4	<0.1
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7	
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69	0.021
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank	<0.001	<0.1	4	<0.01	1	<0.001	0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				



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Project: Poplar Drilling

Report Date: February 17, 2012

Page: 1 of 1 **Part** 3

QUALITY CONTROL REPORT

SMI11000759R.1

Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
Reference Materials			
STD OREAS24P	Standard	20.5	3.4
STD OREAS45C	Standard	20.0	4.4
STD OXH82	Standard		
STD OXK79	Standard		
STD OREAS24P Expected		22.4	3.6
STD OREAS45C Expected		24	4.27
STD OXH82 Expected			
STD OXK79 Expected			
BLK	Blank	0.2	<0.1
BLK	Blank		
BLK	Blank		



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 28, 2011
Report Date: January 03, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000787.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_107_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
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CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 03, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125250	Drill Core	6.54	<0.005	0.4	1.6	23.5	291	<0.1	10.8	7.6	1052	2.22	9	2.0	<0.1	6.1	285	0.4	5.7	0.2
125251	Drill Core	6.00	<0.005	0.4	6.3	21.8	174	<0.1	10.9	7.5	690	2.33	8	2.7	<0.1	7.8	429	0.4	3.1	0.1
125252	Drill Core	6.62	<0.005	0.7	20.1	35.9	157	0.4	9.1	6.2	1231	2.02	8	2.8	<0.1	7.5	524	0.6	3.8	0.3
125253	Drill Core	3.58	<0.005	0.5	5.2	36.4	147	<0.1	8.1	4.7	1205	2.00	6	2.8	<0.1	6.9	531	0.5	3.0	0.2
125254	Drill Core	7.95	0.038	6.8	1751	13.8	58	1.4	120.4	33.8	389	4.93	5	1.1	<0.1	3.4	118	<0.1	1.0	0.3
125255	Drill Core	2.59	0.030	8.6	1294	21.5	56	0.8	104.0	32.3	407	4.99	3	0.9	<0.1	3.8	158	0.2	1.0	0.2
125256	Drill Core	5.10	0.022	7.3	715.4	12.0	74	0.3	29.3	16.3	469	3.95	<1	0.8	<0.1	4.3	163	0.3	0.6	0.1
125257	Drill Core	1.86	0.022	16.5	780.7	16.9	55	0.5	99.9	17.1	247	3.22	5	1.1	<0.1	3.9	193	0.3	0.5	0.1
125258	Rock	0.61	0.008	0.3	3.1	0.6	<1	<0.1	<0.1	<0.2	27	0.06	14	1.5	<0.1	<0.1	4093	<0.1	<0.1	<0.1
125259	Drill Core	2.72	<0.005	3.2	99.2	29.2	108	0.3	33.7	9.8	486	4.74	1	0.9	<0.1	4.4	219	0.8	0.5	0.2
125260	Drill Core	2.00	0.020	21.7	721.8	12.1	32	0.6	77.8	17.2	190	3.32	2	1.0	<0.1	4.1	421	<0.1	0.4	<0.1
125261	Drill Core	2.55	0.006	2.5	259.0	23.8	52	0.3	35.4	11.1	420	5.43	2	0.9	<0.1	4.7	507	0.2	0.7	<0.1
125262	Drill Core	6.97	0.018	9.9	869.6	45.3	134	1.0	118.6	25.3	603	4.63	5	1.1	<0.1	3.9	223	0.8	0.6	0.3
125263	Drill Core	6.74	0.032	11.3	1019	64.3	264	0.9	119.3	28.4	943	5.77	5	0.9	<0.1	2.8	99	1.8	0.8	0.2
125264	Drill Core	7.42	0.026	11.7	892.9	13.1	52	0.3	120.9	33.0	276	5.18	3	1.0	<0.1	3.3	159	<0.1	2.6	0.3
125265	Drill Core	7.07	0.010	6.5	355.7	259.1	823	2.5	119.5	24.4	967	4.26	9	1.2	<0.1	3.7	201	5.8	3.3	0.2
125266	Drill Core	6.96	0.013	15.4	512.8	43.6	104	1.0	96.7	21.7	729	5.00	8	1.5	<0.1	3.9	234	0.5	4.1	0.1
125267	Rock Pulp	0.10	0.458	162.7	3986	27.3	66	2.7	40.4	21.9	371	4.81	44	1.3	0.3	2.3	199	0.3	4.5	0.3
125268	Drill Core	6.67	0.029	9.0	1382	11.1	38	0.6	110.5	25.7	226	5.20	4	0.9	<0.1	3.6	131	<0.1	1.5	0.3
125269	Drill Core	7.40	0.021	7.4	964.3	16.1	63	0.5	112.1	26.0	256	4.89	2	1.0	<0.1	3.3	90	0.5	0.3	0.2
125270	Drill Core	3.39	0.023	7.0	863.8	120.4	386	1.9	95.5	21.8	886	5.09	5	1.4	<0.1	3.2	137	1.7	1.3	0.1
125271	Rock	0.67	<0.005	0.2	7.1	0.7	<1	<0.1	<0.1	0.3	36	0.07	14	1.4	<0.1	<0.1	3512	<0.1	<0.1	<0.1
125272	Drill Core	7.63	0.016	5.0	604.3	95.9	311	1.5	12.9	14.4	1717	3.77	16	1.5	<0.1	4.5	361	2.0	6.7	0.2
125273	Drill Core	6.63	0.021	4.2	714.8	95.2	259	1.1	10.5	12.5	795	4.24	7	1.5	<0.1	4.4	525	1.4	2.8	0.3
125274	Drill Core	6.16	0.018	9.8	717.2	36.8	77	0.7	9.9	16.1	637	3.62	4	1.3	<0.1	4.4	267	0.2	1.0	0.2
125275	Drill Core	3.32	0.019	13.1	709.3	58.2	82	0.7	9.1	15.4	659	3.60	4	1.2	<0.1	4.3	272	0.4	1.2	0.1
125276	Drill Core	6.80	0.019	14.7	696.8	28.6	74	0.5	8.8	15.5	599	3.68	3	1.3	<0.1	4.5	559	0.1	0.9	0.2
125277	Drill Core	2.71	0.012	13.7	479.5	16.2	68	0.5	8.0	12.4	663	3.20	2	1.2	<0.1	4.5	193	0.1	1.5	0.1
125278	Drill Core	6.08	0.022	45.1	610.1	214.1	924	3.0	9.7	13.0	2143	2.94	30	1.3	<0.1	3.7	333	5.9	25.1	0.1
125279	Drill Core	6.79	0.030	25.5	800.3	398.5	871	8.5	13.4	14.3	5670	3.24	103	1.8	<0.1	4.5	817	4.7	95.2	0.2



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Project: Poplar Drilling
Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125250	Drill Core	2.83	0.088	13.1	15	0.93	1029	0.262	6.11	0.096	3.62	0.5	79.2	28	0.6	8.1	8.8	0.6	<1	4
125251	Drill Core	2.95	0.095	16.3	13	1.09	923	0.279	6.96	0.048	2.47	0.7	83.1	32	0.5	8.7	9.6	0.7	1	5
125252	Drill Core	2.04	0.086	14.5	11	0.81	873	0.245	6.45	0.053	1.95	0.9	82.1	28	0.7	8.0	9.5	0.7	1	4
125253	Drill Core	1.93	0.085	11.9	11	0.75	717	0.244	6.47	0.052	1.88	0.8	82.8	25	0.5	7.4	9.6	0.8	1	4
125254	Drill Core	0.58	0.039	14.0	121	0.64	83	0.093	6.53	0.261	3.46	0.2	14.2	32	1.3	5.0	1.3	<0.1	1	12
125255	Drill Core	0.94	0.048	15.1	103	0.77	68	0.074	7.24	0.137	3.19	0.2	10.7	34	0.8	5.1	0.7	<0.1	1	13
125256	Drill Core	2.29	0.110	12.1	16	0.90	144	0.095	6.43	0.709	1.62	0.1	12.0	27	0.8	7.8	1.7	<0.1	<1	6
125257	Drill Core	1.29	0.025	19.9	106	0.65	327	0.091	8.98	0.139	3.35	0.2	18.5	44	0.7	6.0	0.9	<0.1	2	19
125258	Rock	31.89	0.003	<0.1	<1	1.65	10	0.002	0.05	0.003	0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
125259	Drill Core	2.73	0.121	13.4	21	1.01	75	0.065	7.17	0.614	1.70	<0.1	15.7	30	0.5	6.7	1.0	<0.1	<1	7
125260	Drill Core	0.68	0.023	16.0	98	0.64	277	0.109	7.93	1.297	3.75	0.2	17.2	36	0.8	5.2	1.4	<0.1	2	15
125261	Drill Core	2.31	0.129	14.0	28	1.01	164	0.079	7.53	1.085	1.21	<0.1	17.2	30	0.5	9.4	1.4	<0.1	<1	8
125262	Drill Core	0.74	0.025	15.9	119	0.61	142	0.080	8.38	0.348	2.93	0.2	14.2	36	1.0	4.9	0.9	<0.1	1	15
125263	Drill Core	0.61	0.023	10.5	107	0.57	51	0.077	7.12	0.354	2.76	0.2	9.1	26	1.3	3.6	0.8	<0.1	2	13
125264	Drill Core	0.35	0.030	11.1	132	0.48	40	0.113	7.33	0.442	1.82	0.2	16.7	27	1.2	4.6	1.3	<0.1	2	16
125265	Drill Core	0.30	0.030	14.1	122	0.34	76	0.124	8.02	0.428	3.54	0.4	18.0	32	1.9	5.7	1.1	<0.1	2	16
125266	Drill Core	0.40	0.085	16.5	140	0.41	76	0.122	7.96	0.481	2.58	0.3	18.4	37	1.0	7.7	1.7	0.1	1	16
125267	Rock Pulp	0.33	0.098	12.0	64	1.09	163	0.289	6.09	1.456	5.51	14.1	26.3	24	2.3	10.0	2.7	0.2	<1	13
125268	Drill Core	0.37	0.019	9.5	106	0.48	59	0.087	8.45	0.474	2.49	0.3	20.6	22	1.2	4.0	0.9	<0.1	2	13
125269	Drill Core	0.49	0.089	11.7	111	0.60	46	0.084	7.27	0.511	2.91	0.4	15.7	29	2.4	5.9	1.0	<0.1	1	15
125270	Drill Core	0.71	0.180	15.2	86	0.55	60	0.111	6.96	0.337	3.04	0.4	15.8	36	1.8	10.7	1.2	<0.1	<1	14
125271	Rock	32.57	0.003	0.2	<1	1.79	13	0.002	0.09	0.004	0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
125272	Drill Core	2.71	0.124	14.8	10	1.00	234	0.215	7.32	0.131	2.25	0.4	27.6	32	0.6	9.6	4.5	0.3	1	6
125273	Drill Core	3.05	0.124	14.0	11	1.10	136	0.221	7.04	0.225	2.43	0.4	30.9	30	1.3	9.3	4.6	0.3	<1	6
125274	Drill Core	3.27	0.126	12.5	9	1.13	139	0.246	7.11	0.405	2.58	0.3	26.3	29	1.0	9.9	5.4	0.3	1	6
125275	Drill Core	2.97	0.124	12.5	10	1.06	216	0.245	7.30	0.418	2.57	0.3	26.1	29	0.6	9.6	5.2	0.4	<1	6
125276	Drill Core	2.81	0.126	13.6	9	1.03	217	0.248	7.12	0.420	2.61	0.3	25.8	30	0.6	9.6	5.2	0.4	1	6
125277	Drill Core	2.60	0.126	14.8	9	1.09	338	0.252	7.40	0.089	2.45	0.5	27.7	33	0.7	9.7	5.8	0.4	<1	6
125278	Drill Core	3.13	0.109	12.7	9	1.08	172	0.192	6.39	0.052	1.91	1.4	20.5	27	0.8	8.7	4.1	0.2	<1	5
125279	Drill Core	1.98	0.117	16.3	10	0.84	137	0.199	7.25	0.048	2.76	2.9	25.3	36	1.0	8.4	4.0	0.2	2	6



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125250	Drill Core	<0.1	77.8	2.5
125251	Drill Core	<0.1	58.3	2.6
125252	Drill Core	<0.1	55.5	2.5
125253	Drill Core	<0.1	46.5	2.7
125254	Drill Core	3.2	75.7	0.4
125255	Drill Core	3.2	69.3	0.3
125256	Drill Core	1.8	37.9	0.4
125257	Drill Core	1.5	69.4	0.5
125258	Rock	<0.1	0.5	<0.1
125259	Drill Core	3.3	41.5	0.6
125260	Drill Core	1.2	77.3	0.5
125261	Drill Core	1.6	40.1	0.5
125262	Drill Core	2.3	68.1	0.5
125263	Drill Core	3.6	52.4	1.0
125264	Drill Core	3.1	47.2	0.4
125265	Drill Core	3.2	90.1	0.5
125266	Drill Core	2.3	58.4	0.4
125267	Rock Pulp	2.1	126.6	0.7
125268	Drill Core	3.0	53.6	0.5
125269	Drill Core	3.2	51.5	0.4
125270	Drill Core	3.3	58.3	0.5
125271	Rock	<0.1	0.4	<0.1
125272	Drill Core	1.6	48.9	0.7
125273	Drill Core	2.4	45.0	0.9
125274	Drill Core	1.6	38.3	0.9
125275	Drill Core	1.6	40.4	0.9
125276	Drill Core	1.4	44.5	0.7
125277	Drill Core	1.1	40.1	0.8
125278	Drill Core	1.1	34.2	0.6
125279	Drill Core	1.5	88.6	0.6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125280	Drill Core	7.48	0.020	10.1	725.6	82.5	262	1.6	12.2	15.5	2325	3.46	41	1.7	<0.1	3.9	484	1.4	9.5	0.3
125281	Drill Core	4.11	0.029	16.5	903.1	21.1	74	0.9	14.3	14.8	1158	3.15	7	1.3	<0.1	4.0	203	0.4	3.3	0.2
125282	Drill Core	7.74	0.043	56.8	1585	848.1	4226	11.1	76.0	17.4	1728	4.19	29	1.3	<0.1	4.2	162	23.8	45.0	0.8
125283	Drill Core	4.46	0.020	30.2	960.8	31.7	109	0.9	63.4	21.5	1027	3.54	6	1.5	<0.1	5.2	300	0.5	3.1	0.6
125284	Drill Core	7.85	0.030	35.6	1044	127.9	1765	3.6	32.5	19.8	2010	3.65	25	1.3	<0.1	4.0	326	9.8	16.6	0.6
125285	Drill Core	4.53	0.023	55.2	1047	31.4	85	0.8	46.0	22.6	662	4.53	49	1.6	<0.1	3.8	406	0.2	10.1	0.4
125286	Rock Pulp	0.14	0.427	144.1	3823	27.5	71	2.6	40.6	21.8	444	4.80	42	1.1	0.7	2.8	230	0.3	3.9	0.5
125287	Drill Core	7.07	0.019	34.6	1089	45.9	115	0.6	72.9	28.3	977	3.92	8	1.2	<0.1	5.4	617	0.4	1.5	0.2
125288	Drill Core	5.51	0.014	125.8	714.0	37.6	121	0.5	86.7	29.3	547	5.41	8	1.3	<0.1	5.5	294	0.6	1.1	0.3
125289	Drill Core	7.72	0.014	26.2	712.1	33.2	97	0.6	86.6	25.3	521	4.59	5	1.4	<0.1	6.1	256	0.7	1.8	0.3
125290	Drill Core	7.77	0.014	55.0	734.9	56.9	164	1.4	83.3	26.4	991	4.62	21	1.5	<0.1	6.7	351	0.8	10.7	0.3
125291	Drill Core	7.68	0.021	42.8	1169	43.3	116	0.8	89.2	24.9	864	4.52	12	1.3	<0.1	6.0	265	0.6	5.1	0.2
125292	Rock	0.51	<0.005	0.9	7.9	0.8	2	<0.1	0.4	0.3	33	0.10	10	1.1	<0.1	<0.1	3743	<0.1	<0.1	<0.1
125293	Drill Core	7.35	0.028	51.5	1214	15.9	71	0.4	81.6	22.3	401	4.16	6	1.3	<0.1	6.2	262	0.4	0.6	0.2
125294	Drill Core	8.14	0.022	43.2	1177	18.8	83	0.6	78.2	23.2	424	4.28	16	2.2	<0.1	7.6	240	0.3	1.4	0.2
125295	Drill Core	8.16	0.022	42.0	1097	16.6	78	0.4	85.2	25.6	510	4.45	23	1.3	<0.1	5.9	375	0.2	1.0	0.2
125296	Drill Core	6.44	0.021	30.4	1053	19.9	57	0.5	77.8	23.3	447	4.33	4	2.9	<0.1	6.9	129	0.3	0.2	0.2
125297	Drill Core	3.56	0.021	44.9	1007	20.8	63	0.6	74.1	22.6	504	4.13	4	1.2	<0.1	5.8	128	0.2	0.2	0.2
125298	Drill Core	7.35	0.028	31.7	1297	51.2	94	0.6	74.2	21.8	681	4.28	5	1.2	<0.1	6.0	124	0.4	0.3	0.2
125299	Drill Core	7.09	0.031	39.1	1026	15.5	56	0.4	59.7	17.3	342	4.21	3	1.2	<0.1	5.7	196	0.2	0.1	0.2
125300	Drill Core	7.60	0.047	54.2	1716	38.2	119	0.8	75.8	19.9	760	4.26	17	1.3	<0.1	6.9	213	0.2	2.7	0.2
125301	Drill Core	7.54	0.038	42.7	1429	95.3	253	2.9	81.8	23.3	2449	4.67	73	1.6	<0.1	6.3	260	1.2	17.6	0.3
125302	Drill Core	2.52	0.102	43.5	1426	598.6	2447	12.5	74.5	18.2	3181	4.39	153	1.7	<0.1	6.6	576	15.9	84.8	0.3
125303	Drill Core	7.22	0.038	34.8	1719	41.8	164	1.1	29.3	21.9	1026	3.95	79	1.1	<0.1	3.2	325	0.8	6.7	0.2
125304	Rock Pulp	0.14	0.981	164.7	3595	51.6	135	3.7	25.3	19.5	565	4.86	66	1.3	1.8	2.7	244	0.5	7.8	0.7
125305	Drill Core	6.61	0.049	121.0	2068	146.5	2747	2.9	24.3	23.8	1505	3.81	142	1.1	<0.1	3.9	335	15.2	8.2	0.3
125306	Drill Core	7.38	0.054	26.7	1948	130.7	1550	3.5	22.1	21.2	2641	3.80	30	1.3	<0.1	3.6	498	7.8	12.7	0.2
125307	Drill Core	6.78	0.039	50.1	1787	44.7	128	1.6	22.7	19.9	866	4.08	62	0.7	0.1	3.8	219	0.5	2.5	0.3
125308	Drill Core	7.97	0.038	19.7	1705	45.5	155	1.6	19.7	18.3	1077	3.88	23	0.8	<0.1	3.7	472	0.6	8.7	0.2
125309	Rock	0.39	<0.005	0.1	5.8	0.6	2	<0.1	<0.1	<0.2	29	0.07	7	1.9	<0.1	<0.1	3749	<0.1	<0.1	<0.1



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SMI11000787.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125280	Drill Core	3.11	0.123	13.6	6	1.12	172	0.208	7.07	0.042	1.72	0.7	32.6	31	0.9	8.8	3.6	0.3	1	6
125281	Drill Core	2.97	0.106	14.4	14	1.02	253	0.212	6.86	0.060	1.96	1.0	31.4	31	1.4	8.5	3.6	0.2	2	6
125282	Drill Core	1.00	0.061	14.9	85	0.78	77	0.102	7.59	0.144	4.27	0.8	16.0	35	2.2	6.2	0.9	<0.1	<1	16
125283	Drill Core	1.59	0.053	17.9	82	0.87	396	0.148	9.75	0.124	2.97	0.7	50.3	39	1.9	8.7	3.4	0.1	2	22
125284	Drill Core	1.91	0.116	18.5	11	0.90	345	0.055	7.50	0.124	2.34	0.5	31.9	41	1.2	8.5	1.0	<0.1	2	8
125285	Drill Core	2.07	0.077	20.4	12	0.88	132	0.050	6.28	0.296	2.16	0.3	23.1	43	1.8	8.3	0.8	<0.1	<1	8
125286	Rock Pulp	0.32	0.110	15.4	63	1.04	547	0.275	6.33	1.470	4.06	16.6	28.7	32	2.3	11.8	3.1	0.2	2	15
125287	Drill Core	3.06	0.093	19.8	81	1.22	151	0.077	7.63	0.198	2.59	0.6	33.6	44	1.5	8.2	1.1	<0.1	2	15
125288	Drill Core	2.43	0.075	19.8	86	1.15	109	0.095	8.14	0.162	3.05	0.2	33.7	45	1.3	8.4	1.2	<0.1	1	17
125289	Drill Core	1.81	0.101	22.1	95	1.02	653	0.116	9.09	0.162	3.17	0.3	60.0	49	1.3	8.8	1.3	0.1	2	20
125290	Drill Core	1.25	0.095	22.2	90	0.76	616	0.086	8.87	0.132	2.85	0.8	35.5	49	1.4	9.6	1.0	<0.1	2	20
125291	Drill Core	1.87	0.089	20.6	92	1.15	98	0.123	8.80	0.169	3.08	0.4	26.4	48	1.4	8.5	1.4	<0.1	2	19
125292	Rock	32.76	0.003	0.4	<1	1.73	17	0.002	0.12	0.003	0.04	<0.1	0.6	<1	0.2	0.3	<0.1	<0.1	<1	<1
125293	Drill Core	2.05	0.087	24.8	106	1.44	167	0.187	8.93	0.800	2.78	0.3	26.4	55	1.4	9.7	2.7	0.2	1	21
125294	Drill Core	2.01	0.088	26.2	104	1.23	910	0.189	9.07	0.334	3.07	1.5	87.6	56	1.8	11.9	2.2	0.2	2	20
125295	Drill Core	1.35	0.091	19.7	96	1.05	100	0.159	9.86	0.815	2.95	0.4	29.5	47	1.3	8.4	2.2	0.1	1	23
125296	Drill Core	1.44	0.059	25.2	85	1.02	942	0.160	9.98	0.244	3.37	0.5	85.3	52	1.5	8.4	2.3	0.1	2	24
125297	Drill Core	1.49	0.059	21.2	88	1.07	237	0.132	9.78	0.221	3.29	0.4	24.7	48	1.2	7.4	1.6	0.1	1	23
125298	Drill Core	2.11	0.108	20.1	90	1.39	334	0.149	8.27	0.393	2.60	0.3	22.8	44	1.1	9.7	2.0	0.2	2	18
125299	Drill Core	1.41	0.088	18.8	81	1.07	141	0.138	8.29	1.076	2.74	0.3	23.9	44	1.6	7.6	1.8	0.1	2	17
125300	Drill Core	1.98	0.078	22.8	92	1.33	261	0.158	8.92	0.773	3.16	0.5	25.7	50	1.4	7.4	1.6	<0.1	1	21
125301	Drill Core	1.80	0.090	19.5	89	1.32	203	0.167	10.00	0.141	3.64	1.0	25.1	46	1.3	8.1	1.9	0.1	2	23
125302	Drill Core	1.33	0.083	21.4	89	1.07	189	0.169	9.52	0.093	3.25	1.1	30.1	49	1.2	8.5	2.1	0.1	2	23
125303	Drill Core	3.12	0.127	13.1	26	1.39	257	0.136	6.38	0.445	1.79	0.4	24.3	31	0.9	8.9	2.1	0.1	2	9
125304	Rock Pulp	0.43	0.109	15.6	46	0.82	423	0.248	7.14	1.250	4.79	28.2	25.3	32	3.4	11.9	3.7	0.2	2	13
125305	Drill Core	3.00	0.103	21.6	24	1.43	459	0.124	7.32	0.087	2.18	0.6	20.2	48	1.0	9.3	2.0	0.1	1	9
125306	Drill Core	2.41	0.115	14.3	22	1.22	340	0.143	6.87	0.783	2.03	0.4	21.7	33	0.8	8.9	2.5	0.1	<1	8
125307	Drill Core	2.45	0.110	14.2	21	1.12	289	0.122	6.84	0.995	1.75	0.3	19.4	33	1.4	8.0	2.2	0.1	2	8
125308	Drill Core	2.51	0.108	14.1	28	1.24	292	0.176	7.02	1.697	1.76	0.3	23.4	32	1.2	9.8	3.1	0.2	1	9
125309	Rock	33.37	0.003	0.4	<1	1.66	12	0.001	0.06	0.008	<0.01	<0.1	1.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125280	Drill Core	2.1	28.2	0.9
125281	Drill Core	1.7	41.6	0.9
125282	Drill Core	3.0	97.0	0.4
125283	Drill Core	2.6	101.3	2.3
125284	Drill Core	2.4	91.6	0.6
125285	Drill Core	3.8	67.1	0.7
125286	Rock Pulp	2.2	104.6	0.9
125287	Drill Core	2.8	70.9	0.9
125288	Drill Core	4.3	75.3	1.0
125289	Drill Core	3.7	90.2	1.4
125290	Drill Core	3.9	90.7	0.9
125291	Drill Core	3.2	83.5	0.6
125292	Rock	0.1	1.2	<0.1
125293	Drill Core	2.1	84.7	0.8
125294	Drill Core	2.9	90.6	2.3
125295	Drill Core	2.6	81.7	0.8
125296	Drill Core	2.9	96.6	3.6
125297	Drill Core	2.6	86.9	0.8
125298	Drill Core	2.2	77.4	0.5
125299	Drill Core	2.4	80.0	0.8
125300	Drill Core	2.0	90.1	0.7
125301	Drill Core	2.2	98.1	0.7
125302	Drill Core	2.6	119.1	0.7
125303	Drill Core	2.0	55.1	0.6
125304	Rock Pulp	2.6	137.1	0.6
125305	Drill Core	2.3	68.9	0.5
125306	Drill Core	2.1	79.6	0.6
125307	Drill Core	2.9	60.4	0.5
125308	Drill Core	2.6	71.1	0.6
125309	Rock	<0.1	0.5	<0.1



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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125310	Drill Core	7.16	0.044	21.6	1706	62.2	287	1.3	22.2	20.5	1293	4.11	3	0.7	<0.1	3.7	383	1.4	2.6	0.2
125311	Drill Core	8.07	0.057	21.1	2579	16.3	85	1.0	32.1	32.7	336	5.04	2	0.9	<0.1	4.0	436	0.6	0.6	0.6
125312	Drill Core	7.05	0.067	36.6	2700	12.9	56	1.0	32.7	29.6	333	4.83	2	0.7	<0.1	3.7	365	0.1	0.3	0.6
125313	Drill Core	6.84	0.069	20.4	2598	10.9	43	0.6	38.6	23.2	287	4.34	3	0.7	<0.1	3.4	470	0.2	0.5	0.3
125314	Drill Core	6.84	0.045	29.5	2021	8.0	34	0.5	26.4	20.3	230	3.93	2	0.8	<0.1	3.4	823	0.2	0.1	0.3
125315	Drill Core	6.89	0.052	35.1	2313	144.5	684	3.7	25.3	19.9	1667	4.39	38	0.9	<0.1	3.0	841	3.8	23.8	0.1
125316	Drill Core	6.78	0.044	47.3	2015	99.3	317	2.6	37.9	18.1	2022	3.56	66	1.2	<0.1	4.3	354	1.7	20.7	0.2
125317	Drill Core	3.14	0.042	46.4	2007	138.5	254	2.3	36.6	15.9	2085	3.29	58	1.2	<0.1	4.6	366	1.4	18.8	0.2
125318	Drill Core	2.87	0.066	23.2	2911	21.1	90	0.5	63.7	19.9	907	4.28	33	1.2	<0.1	5.4	679	0.4	2.6	0.2
125319	Drill Core	6.99	0.039	41.3	1903	65.8	84	0.8	66.9	16.4	613	4.15	29	1.3	<0.1	6.6	365	0.3	22.5	0.2
125320	Drill Core	6.83	0.032	47.3	1946	41.2	81	0.7	67.1	15.5	681	3.96	37	1.3	<0.1	5.8	414	0.5	19.5	0.5
125321	Drill Core	7.79	0.044	26.6	1884	291.4	1095	7.4	61.3	16.6	5944	4.12	239	1.4	<0.1	4.6	542	7.1	175.9	0.5
125322	Drill Core	4.06	0.041	33.3	1620	337.5	605	4.0	53.7	15.0	4281	4.38	143	1.1	<0.1	4.0	346	3.8	93.4	0.7
125323	Drill Core	7.20	0.058	15.3	3339	9.7	48	0.3	54.6	16.7	585	3.89	34	1.0	<0.1	4.5	255	<0.1	31.0	0.5
125324	Rock Pulp	0.14	0.458	150.4	3938	28.7	74	1.3	41.0	21.2	473	4.90	49	1.3	0.4	2.8	282	0.2	5.2	0.4
125325	Drill Core	6.81	0.055	19.6	2902	39.1	84	0.6	56.6	15.3	797	4.06	40	0.9	<0.1	4.8	411	0.3	15.1	0.3
125326	Drill Core	7.62	0.040	52.8	2687	56.7	166	0.4	50.8	13.8	487	3.74	11	0.9	<0.1	5.3	338	0.9	2.3	0.3
125327	Drill Core	3.02	0.050	23.9	2556	11.1	74	0.4	52.3	13.7	406	3.41	88	1.1	0.2	5.3	515	0.2	12.8	0.5
125328	Drill Core	7.02	0.050	48.0	2228	23.8	89	0.5	63.1	13.5	513	3.73	148	1.5	<0.1	6.0	710	0.2	23.7	0.3
125329	Drill Core	5.45	0.072	27.4	2637	32.5	87	0.5	50.8	12.5	334	3.48	53	1.3	<0.1	6.5	452	0.5	7.2	0.3
125330	Drill Core	4.56	0.013	2.4	502.8	8.3	34	<0.1	13.0	7.5	215	3.48	4	1.3	<0.1	4.3	1282	<0.1	0.2	0.1
125331	Drill Core	2.33	0.063	16.9	3424	144.0	582	3.1	63.2	17.5	914	3.75	302	5.1	0.2	6.2	488	2.9	64.3	0.5
125332	Drill Core	4.37	<0.005	0.4	34.8	28.8	157	0.7	8.9	5.7	1096	2.12	9	3.6	<0.1	8.0	505	0.2	6.4	0.3
125333	Rock	0.68	<0.005	<0.1	5.6	<0.1	1	<0.1	<0.1	<0.2	30	0.02	4	1.5	<0.1	<0.1	4262	<0.1	<0.1	<0.1
125334	Drill Core	7.25	<0.005	0.1	7.4	28.8	201	<0.1	10.6	6.4	1844	2.22	10	3.2	<0.1	7.9	473	0.3	9.1	0.1
125335	Drill Core	2.31	<0.005	0.5	11.6	27.1	221	<0.1	10.7	7.2	1114	2.38	12	2.2	<0.1	8.0	552	0.6	7.7	0.2
125336	Drill Core	7.03	0.102	19.5	4195	142.1	287	2.9	42.6	14.6	1828	4.48	110	1.3	0.1	4.5	449	1.6	53.7	0.4
125337	Drill Core	2.93	0.112	11.5	5803	90.2	233	2.5	54.4	17.4	1409	7.01	69	1.1	0.2	4.3	386	1.3	21.7	0.3
125338	Drill Core	4.75	0.150	16.5	3133	220.9	1158	3.2	22.5	9.2	1925	3.27	20	0.8	0.1	2.7	191	6.6	19.1	0.3
125339	Drill Core	4.33	0.078	19.2	3564	81.4	475	2.6	27.7	18.9	1192	4.58	73	2.2	<0.1	4.0	417	3.3	13.8	0.2



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Project: Poplar Drilling
Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125310	Drill Core	2.35	0.119	16.6	26	1.38	218	0.285	7.04	1.553	1.91	0.3	21.1	37	1.1	10.3	3.0	0.2	1	9
125311	Drill Core	1.77	0.113	17.1	24	1.27	60	0.143	6.82	2.127	1.73	0.1	18.4	37	1.4	10.3	1.6	0.1	<1	7
125312	Drill Core	2.37	0.130	15.9	38	1.65	61	0.291	7.29	2.454	2.05	0.1	19.8	35	1.3	12.3	3.9	0.2	1	10
125313	Drill Core	2.20	0.126	14.0	37	1.42	86	0.210	7.03	1.858	1.86	0.2	20.9	32	1.4	11.4	2.9	0.1	1	9
125314	Drill Core	2.89	0.134	14.5	39	1.55	74	0.278	6.75	2.139	1.80	<0.1	25.2	32	1.3	11.8	3.5	0.2	1	9
125315	Drill Core	2.40	0.135	14.5	35	1.36	192	0.220	6.91	0.990	1.92	0.9	26.6	34	1.4	10.4	4.5	0.2	<1	11
125316	Drill Core	2.39	0.113	22.6	34	1.12	519	0.142	7.56	0.077	2.24	0.5	29.5	49	1.2	9.2	1.7	0.1	1	11
125317	Drill Core	2.42	0.120	21.2	32	1.16	525	0.145	7.70	0.082	2.31	0.4	27.8	47	1.3	9.0	2.3	<0.1	3	11
125318	Drill Core	2.31	0.110	30.9	46	1.24	567	0.184	7.41	0.792	1.98	0.2	21.2	63	0.9	9.6	3.1	0.2	1	11
125319	Drill Core	2.06	0.086	18.9	97	1.39	159	0.197	8.87	0.887	3.35	0.5	20.6	42	1.5	6.9	2.5	0.2	2	18
125320	Drill Core	1.75	0.067	16.0	83	1.21	216	0.144	8.51	0.110	3.62	0.5	10.9	36	1.8	4.5	1.5	0.1	1	17
125321	Drill Core	1.03	0.049	15.6	74	0.92	78	0.132	7.70	0.086	3.81	1.0	11.8	38	2.0	4.9	1.4	<0.1	1	16
125322	Drill Core	0.90	0.039	14.8	76	0.86	49	0.112	7.14	0.087	3.52	0.8	10.2	35	2.0	4.4	1.0	<0.1	2	15
125323	Drill Core	1.82	0.043	24.0	95	1.11	95	0.104	6.68	0.085	2.53	0.4	12.0	51	1.8	5.4	1.3	<0.1	<1	13
125324	Rock Pulp	0.43	0.117	16.0	67	1.07	215	0.262	7.27	1.559	6.57	12.4	26.0	33	2.6	10.7	2.4	0.1	2	17
125325	Drill Core	2.21	0.048	22.5	90	1.18	48	0.096	6.13	0.074	2.14	0.3	12.5	47	1.5	5.4	1.5	<0.1	2	10
125326	Drill Core	1.66	0.046	18.0	90	1.08	51	0.094	6.27	0.094	2.53	0.4	13.0	39	2.2	4.1	1.1	<0.1	1	11
125327	Drill Core	1.83	0.045	20.2	102	1.07	66	0.110	6.83	0.090	2.76	0.4	14.6	43	2.1	4.6	1.5	<0.1	1	12
125328	Drill Core	1.98	0.068	18.6	87	1.16	104	0.132	8.00	0.261	3.39	0.5	18.2	42	2.7	5.4	1.8	0.1	1	15
125329	Drill Core	1.34	0.069	18.8	93	1.19	110	0.193	7.12	1.515	3.63	0.3	15.8	41	1.5	7.0	3.2	0.2	1	14
125330	Drill Core	2.45	0.139	11.2	11	0.96	379	0.205	7.07	2.418	1.82	<0.1	21.1	28	0.8	10.1	5.1	0.4	1	7
125331	Drill Core	1.34	0.051	16.9	86	0.88	67	0.141	7.48	0.106	3.27	0.4	15.3	38	2.4	5.4	2.2	0.1	2	14
125332	Drill Core	1.92	0.088	15.9	11	0.78	764	0.224	6.90	0.062	3.71	1.0	88.7	33	0.6	7.5	8.9	0.7	2	5
125333	Rock	35.52	0.003	<0.1	<1	1.49	5	0.002	<0.01	0.001	<0.01	<0.1	0.6	<1	0.3	<0.1	<0.1	<0.1	<1	<1
125334	Drill Core	2.35	0.103	17.7	14	0.91	1097	0.202	7.06	0.064	5.09	0.6	78.3	36	0.4	7.5	7.5	0.6	1	5
125335	Drill Core	2.84	0.095	18.3	13	1.04	1028	0.224	7.02	0.057	3.72	0.7	81.0	37	0.5	8.1	8.7	0.7	1	5
125336	Drill Core	1.91	0.107	19.9	19	1.06	50	0.126	6.74	0.137	2.64	0.4	26.9	43	2.1	8.5	2.3	0.1	1	9
125337	Drill Core	1.96	0.096	21.9	21	1.08	52	0.124	6.81	0.135	2.59	0.6	25.3	46	2.1	8.4	2.1	0.1	1	8
125338	Drill Core	1.15	0.076	8.8	15	0.63	52	0.086	4.86	0.076	2.21	0.9	19.5	20	2.4	5.2	1.8	<0.1	1	6
125339	Drill Core	2.33	0.126	12.4	24	1.02	132	0.136	7.25	0.086	2.56	0.3	28.4	29	1.7	8.6	2.2	0.2	1	10



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Project: Poplar Drilling
Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125310	Drill Core	2.7	72.9	0.6
125311	Drill Core	3.9	51.5	0.5
125312	Drill Core	3.1	62.1	0.4
125313	Drill Core	2.7	56.6	0.5
125314	Drill Core	3.0	57.3	0.7
125315	Drill Core	2.8	70.4	0.6
125316	Drill Core	2.2	78.3	0.7
125317	Drill Core	1.8	87.8	0.8
125318	Drill Core	1.5	72.5	0.6
125319	Drill Core	2.2	83.7	0.6
125320	Drill Core	2.1	78.2	0.4
125321	Drill Core	2.8	115.5	0.4
125322	Drill Core	3.2	89.1	0.4
125323	Drill Core	2.5	65.6	0.4
125324	Rock Pulp	2.1	171.2	0.8
125325	Drill Core	2.8	66.3	0.3
125326	Drill Core	3.3	70.6	0.4
125327	Drill Core	2.8	70.1	0.5
125328	Drill Core	2.8	72.8	0.5
125329	Drill Core	1.9	77.7	0.5
125330	Drill Core	1.6	53.7	0.7
125331	Drill Core	2.8	100.2	0.5
125332	Drill Core	<0.1	157.2	2.8
125333	Rock	<0.1	<0.1	<0.1
125334	Drill Core	<0.1	179.9	2.5
125335	Drill Core	<0.1	154.9	2.5
125336	Drill Core	2.8	93.0	0.9
125337	Drill Core	2.6	91.9	0.7
125338	Drill Core	2.6	82.9	0.6
125339	Drill Core	3.1	85.0	0.8



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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125340	Drill Core	8.57	<0.005	0.5	18.7	24.2	145	0.1	9.2	6.7	993	2.25	11	3.6	<0.1	7.9	453	0.2	6.9	0.3
125341	Drill Core	4.64	0.005	0.5	53.6	20.7	123	0.3	9.0	9.1	743	2.18	28	4.1	<0.1	6.9	563	0.2	2.9	0.2
125342	Drill Core	2.91	<0.005	0.9	8.4	18.3	88	<0.1	12.7	16.6	975	4.91	6	1.8	<0.1	3.3	790	0.2	1.8	<0.1
125343	Drill Core	6.69	<0.005	0.2	7.3	23.0	122	<0.1	7.7	6.2	729	2.06	6	3.2	<0.1	7.8	526	0.3	6.2	0.2
125344	Rock Pulp	0.14	0.430	146.7	3929	28.6	71	1.2	38.9	21.8	491	4.93	46	1.3	0.5	2.9	270	0.2	4.7	0.5
125345	Drill Core	7.65	0.068	9.9	3577	15.2	74	0.9	26.3	14.4	353	4.21	118	1.6	<0.1	4.3	710	0.2	5.7	0.3
125346	Drill Core	7.64	0.071	11.1	3434	11.0	60	0.6	38.0	18.0	289	4.73	15	0.9	<0.1	4.9	749	0.2	0.7	0.2
125347	Drill Core	7.41	0.073	17.2	3587	18.2	95	0.7	47.7	14.7	388	4.15	11	0.8	<0.1	5.8	497	0.5	1.3	0.3
125348	Rock	0.38	<0.005	0.2	10.8	<0.1	1	<0.1	<0.1	<0.2	25	<0.01	6	1.4	<0.1	<0.1	4048	<0.1	<0.1	<0.1
125349	Drill Core	8.45	0.100	16.0	4661	45.8	109	0.8	49.5	14.2	480	3.63	27	1.2	0.1	6.5	291	0.5	2.0	0.4
125350	Drill Core	7.94	<0.005	0.5	21.5	25.0	132	0.2	9.5	5.3	707	2.01	13	3.1	<0.1	7.4	1047	0.4	4.5	0.3
125351	Drill Core	7.26	<0.005	0.4	14.1	21.2	136	<0.1	9.1	6.1	813	2.06	14	2.4	<0.1	7.7	993	0.2	3.2	0.2
125352	Drill Core	4.38	<0.005	0.4	10.5	25.2	126	<0.1	7.3	5.6	776	2.16	7	3.6	<0.1	8.6	948	0.3	5.1	0.2
125353	Drill Core	7.42	0.079	12.2	3969	24.5	131	2.3	31.5	13.6	777	4.29	440	0.8	0.1	5.0	400	0.5	53.9	0.7
125354	Drill Core	6.93	0.056	5.8	2000	34.2	173	1.8	16.7	11.2	918	3.79	149	1.9	<0.1	5.9	991	0.7	76.8	0.5
125355	Drill Core	2.96	0.041	7.4	1787	36.3	170	1.6	18.4	11.0	900	3.70	165	1.8	<0.1	5.6	1169	0.9	80.7	0.3
125356	Drill Core	7.28	0.081	20.3	3444	64.2	219	1.7	41.6	11.9	897	4.20	207	1.0	<0.1	7.6	385	1.0	11.7	0.3
125357	Drill Core	7.98	0.057	31.7	3307	142.7	454	5.5	41.5	12.4	823	3.51	383	1.5	<0.1	7.8	500	3.0	58.1	0.3
125358	Drill Core	6.82	<0.005	0.9	25.2	87.1	226	0.4	3.8	1.5	893	1.18	16	9.1	<0.1	17.2	199	1.0	5.9	0.5
125359	Drill Core	6.04	<0.005	1.6	33.8	133.3	418	1.0	3.8	1.7	1236	0.94	25	11.0	<0.1	17.3	173	2.1	9.5	0.4
125360	Drill Core	8.30	0.083	12.0	4018	202.0	502	5.5	23.5	12.2	1367	4.11	80	1.1	<0.1	4.2	296	3.1	19.6	0.5
125361	Drill Core	7.47	0.089	9.8	3939	29.2	128	1.9	18.2	10.7	718	3.21	6	1.2	<0.1	3.9	987	0.8	2.2	0.3
125362	Drill Core	7.55	0.101	7.9	5061	13.1	56	1.9	18.2	11.7	321	4.17	3	1.2	0.2	4.2	592	<0.1	0.6	0.2
125363	Drill Core	6.76	0.149	7.3	4700	221.7	1499	6.8	16.8	12.0	773	4.37	21	1.0	0.1	4.0	421	8.9	28.2	0.5
125364	Drill Core	6.19	0.113	6.1	4264	38.2	101	2.3	14.6	9.5	526	3.31	8	0.9	<0.1	3.9	522	0.7	2.7	0.1
125365	Rock Pulp	0.14	0.871	140.5	3414	47.3	116	3.0	23.8	18.6	511	4.70	58	1.1	2.0	2.8	240	0.6	7.8	0.6
125366	Drill Core	5.70	0.112	6.7	5235	45.3	64	2.8	17.1	10.3	471	3.59	19	2.0	<0.1	4.1	737	0.1	4.2	0.2
125367	Drill Core	6.57	0.009	0.7	98.0	35.6	156	0.2	9.5	6.7	599	2.08	17	3.5	<0.1	8.4	516	0.3	7.0	0.2
125368	Drill Core	7.64	<0.005	0.5	18.0	52.2	218	0.8	8.7	6.7	787	2.21	7	4.5	<0.1	8.2	425	1.0	4.8	<0.1
125369	Drill Core	7.43	<0.005	0.7	9.8	32.9	193	0.5	9.9	7.5	757	2.22	8	3.5	<0.1	8.7	364	0.7	6.0	<0.1



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Project: Poplar Drilling
Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

SMI11000787.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125340	Drill Core	2.42	0.089	16.5	11	0.83	984	0.212	6.92	0.072	3.99	0.8	88.9	33	0.6	7.8	8.9	0.7	1	5
125341	Drill Core	2.50	0.100	16.3	13	0.94	996	0.242	6.96	0.099	3.70	0.7	87.3	35	0.6	8.2	8.1	0.6	2	6
125342	Drill Core	4.02	0.208	19.1	18	1.62	561	0.605	8.02	0.101	3.97	0.5	103.0	41	1.0	11.1	8.5	0.4	<1	14
125343	Drill Core	2.33	0.088	15.6	10	0.86	897	0.213	6.65	0.085	3.73	0.8	86.1	33	0.5	7.8	9.2	0.7	<1	5
125344	Rock Pulp	0.43	0.115	16.3	70	1.09	102	0.285	7.19	1.609	4.98	15.1	28.8	34	2.5	11.4	2.9	0.2	1	17
125345	Drill Core	1.84	0.099	18.3	24	1.07	139	0.140	6.68	1.454	2.18	0.2	32.9	41	1.2	8.6	2.8	0.2	1	9
125346	Drill Core	1.94	0.107	14.2	46	1.21	145	0.199	7.01	2.031	2.14	0.1	21.4	32	1.2	9.5	3.7	0.2	2	10
125347	Drill Core	1.44	0.056	14.4	85	1.13	76	0.169	6.87	1.301	3.77	0.2	11.9	32	1.2	6.6	3.0	0.1	<1	13
125348	Rock	35.99	0.004	0.4	<1	1.52	6	0.004	0.03	0.004	<0.01	<0.1	0.5	<1	<0.1	0.2	<0.1	<0.1	<1	<1
125349	Drill Core	1.77	0.059	18.9	90	1.13	122	0.160	7.40	0.498	3.66	0.4	15.1	41	1.5	6.5	2.5	0.2	<1	14
125350	Drill Core	2.17	0.093	16.6	12	0.86	954	0.216	6.89	0.045	2.94	0.8	75.1	34	0.8	7.3	8.5	0.6	2	5
125351	Drill Core	2.48	0.098	17.2	12	0.93	1037	0.218	7.00	0.045	3.15	0.9	81.4	36	0.8	7.9	8.3	0.7	<1	5
125352	Drill Core	1.99	0.085	18.4	11	0.79	832	0.174	6.84	0.043	2.96	1.0	78.8	37	0.5	7.7	7.3	0.6	1	5
125353	Drill Core	1.02	0.043	14.7	70	0.77	32	0.124	5.53	0.182	2.66	0.5	9.5	28	2.1	4.5	2.1	0.1	<1	9
125354	Drill Core	1.67	0.087	14.9	28	0.87	163	0.190	6.37	0.411	2.48	0.8	33.9	30	0.9	6.6	5.0	0.3	2	7
125355	Drill Core	1.65	0.088	14.4	30	0.88	146	0.201	6.56	0.490	2.58	0.7	34.0	28	0.8	6.6	5.2	0.4	<1	7
125356	Drill Core	1.86	0.047	15.4	75	1.10	105	0.181	7.40	0.104	3.22	0.8	14.4	32	1.8	6.8	2.8	0.2	1	13
125357	Drill Core	2.39	0.048	26.6	73	1.16	125	0.202	7.00	0.071	2.96	0.8	14.3	53	1.8	7.5	3.9	0.2	<1	13
125358	Drill Core	1.25	0.026	13.0	4	0.51	459	0.065	6.35	0.050	3.31	1.1	48.3	24	0.6	8.2	12.1	1.2	1	2
125359	Drill Core	1.13	0.027	12.6	3	0.45	517	0.064	6.30	0.056	3.67	1.2	50.3	24	0.6	8.4	13.0	1.3	2	2
125360	Drill Core	2.06	0.101	9.4	36	1.18	156	0.255	6.92	0.770	2.69	0.6	19.2	21	1.4	9.6	4.7	0.3	2	9
125361	Drill Core	2.26	0.103	10.5	28	1.25	442	0.279	7.19	1.584	2.33	0.3	31.2	21	1.1	10.0	5.2	0.3	<1	9
125362	Drill Core	1.98	0.105	13.7	31	1.30	180	0.278	6.86	2.390	1.87	0.2	31.6	28	1.6	9.2	5.8	0.3	1	9
125363	Drill Core	2.17	0.099	12.2	28	1.21	44	0.226	6.58	0.984	2.37	0.5	26.6	26	1.9	8.1	4.3	0.2	<1	9
125364	Drill Core	2.02	0.090	10.8	27	1.18	332	0.262	6.56	1.881	1.99	0.2	26.0	23	1.3	7.5	5.0	0.3	1	8
125365	Rock Pulp	0.44	0.099	15.3	44	0.80	289	0.247	6.66	1.094	3.67	23.6	22.4	30	2.6	11.2	3.4	0.2	1	12
125366	Drill Core	2.18	0.094	12.5	29	1.27	375	0.281	6.79	1.880	2.28	0.3	33.5	25	1.5	8.5	5.6	0.3	<1	9
125367	Drill Core	2.39	0.082	18.4	10	0.90	954	0.216	7.00	0.082	3.36	0.9	82.1	35	0.5	7.6	8.4	0.6	2	5
125368	Drill Core	2.56	0.087	19.3	11	0.95	988	0.220	6.97	0.049	3.34	0.8	76.9	36	0.7	7.7	8.4	0.6	1	5
125369	Drill Core	2.69	0.090	19.7	11	0.98	1116	0.235	7.33	0.062	3.88	0.8	84.6	38	0.6	8.4	9.0	0.7	1	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125340	Drill Core	<0.1	157.9	2.7
125341	Drill Core	0.1	149.3	2.5
125342	Drill Core	<0.1	123.2	2.5
125343	Drill Core	<0.1	143.7	2.5
125344	Rock Pulp	2.2	146.9	0.8
125345	Drill Core	1.7	75.6	0.9
125346	Drill Core	2.1	69.0	0.6
125347	Drill Core	2.0	85.3	0.4
125348	Rock	0.1	<0.1	<0.1
125349	Drill Core	1.9	89.1	0.5
125350	Drill Core	<0.1	118.9	2.5
125351	Drill Core	<0.1	131.6	2.5
125352	Drill Core	<0.1	132.7	2.4
125353	Drill Core	2.9	75.1	0.3
125354	Drill Core	1.5	87.5	1.2
125355	Drill Core	1.6	87.8	1.1
125356	Drill Core	2.0	106.3	0.4
125357	Drill Core	1.9	111.8	0.5
125358	Drill Core	<0.1	146.9	2.5
125359	Drill Core	<0.1	164.8	2.5
125360	Drill Core	1.9	114.9	0.6
125361	Drill Core	1.3	98.5	0.9
125362	Drill Core	1.9	83.9	0.9
125363	Drill Core	3.0	88.4	0.7
125364	Drill Core	1.4	82.8	0.7
125365	Rock Pulp	2.4	89.1	0.7
125366	Drill Core	1.5	85.7	0.8
125367	Drill Core	<0.1	151.6	2.5
125368	Drill Core	<0.1	149.5	2.6
125369	Drill Core	<0.1	163.4	2.4



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QUALITY CONTROL REPORT

SMI11000787.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
Pulp Duplicates																					
REP G1	QC			0.5	2.3	21.5	50	<0.1	3.7	5.2	671	2.31	<1	2.5	<0.1	7.9	581	<0.1	0.2	0.1	49
125252	Drill Core	6.62	<0.005	0.7	20.1	35.9	157	0.4	9.1	6.2	1231	2.02	8	2.8	<0.1	7.5	524	0.6	3.8	0.3	51
REP 125252	QC		<0.005																		
125314	Drill Core	6.84	0.045	29.5	2021	8.0	34	0.5	26.4	20.3	230	3.93	2	0.8	<0.1	3.4	823	0.2	0.1	0.3	106
REP 125314	QC		0.040																		
125340	Drill Core	8.57	<0.005	0.5	18.7	24.2	145	0.1	9.2	6.7	993	2.25	11	3.6	<0.1	7.9	453	0.2	6.9	0.3	56
REP 125340	QC			0.4	16.4	24.0	147	0.1	8.9	6.4	995	2.23	10	3.6	<0.1	8.2	442	0.3	7.1	0.3	55
125342	Drill Core	2.91	<0.005	0.9	8.4	18.3	88	<0.1	12.7	16.6	975	4.91	6	1.8	<0.1	3.3	790	0.2	1.8	<0.1	167
REP 125342	QC		<0.005																		
125353	Drill Core	7.42	0.079	12.2	3969	24.5	131	2.3	31.5	13.6	777	4.29	440	0.8	0.1	5.0	400	0.5	53.9	0.7	81
REP 125353	QC			11.3	3815	24.9	129	2.4	31.5	12.6	767	4.19	434	0.8	<0.1	4.6	386	0.4	52.5	0.6	80
REP 125364	QC		0.098																		
Core Reject Duplicates																					
125259	Drill Core	2.72	<0.005	3.2	99.2	29.2	108	0.3	33.7	9.8	486	4.74	1	0.9	<0.1	4.4	219	0.8	0.5	0.2	76
DUP 125259	QC		<0.005	3.2	94.8	28.5	103	0.4	33.8	9.5	481	4.67	1	0.9	<0.1	4.2	220	0.5	0.6	0.2	78
125294	Drill Core	8.14	0.022	43.2	1177	18.8	83	0.6	78.2	23.2	424	4.28	16	2.2	<0.1	7.6	240	0.3	1.4	0.2	171
DUP 125294	QC		0.025	44.9	1167	18.4	88	0.6	79.4	22.5	419	4.27	16	2.7	<0.1	7.8	239	0.5	1.8	0.2	167
125329	Drill Core	5.45	0.072	27.4	2637	32.5	87	0.5	50.8	12.5	334	3.48	53	1.3	<0.1	6.5	452	0.5	7.2	0.3	119
DUP 125329	QC		0.061	29.4	2670	35.6	93	0.4	50.2	12.4	367	3.82	48	1.3	<0.1	6.5	485	0.4	8.0	0.3	122
125364	Drill Core	6.19	0.113	6.1	4264	38.2	101	2.3	14.6	9.5	526	3.31	8	0.9	<0.1	3.9	522	0.7	2.7	0.1	80
DUP 125364	QC		0.096	5.5	4317	38.2	104	2.3	14.2	10.8	555	3.24	9	0.9	0.1	3.9	547	0.5	2.6	0.2	80
Reference Materials																					
STD OREAS24P	Standard			1.4	49.4	2.7	111	<0.1	142.8	44.3	1092	7.16	2	0.7	<0.1	2.8	323	0.3	<0.1	<0.1	159
STD OREAS24P	Standard			1.3	48.2	2.5	105	<0.1	141.0	43.9	1084	7.58	2	0.7	<0.1	2.9	402	<0.1	0.1	<0.1	170
STD OREAS24P	Standard			1.7	57.5	2.7	105	<0.1	139.4	43.9	1066	7.11	4	0.6	<0.1	2.9	387	0.2	0.3	0.1	147
STD OREAS24P	Standard			1.2	46.4	2.7	112	<0.1	130.1	43.3	1057	7.10	2	0.6	<0.1	2.6	362	<0.1	<0.1	<0.1	160
STD OREAS24P	Standard			1.5	48.0	2.8	109	<0.1	145.7	45.8	1101	7.26	2	0.7	<0.1	2.8	374	<0.1	<0.1	<0.1	153
STD OREAS45C	Standard			2.2	582.5	23.3	73	0.3	312.8	93.3	1079	16.87	9	2.1	<0.1	10.1	33	<0.1	0.9	0.2	251



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Project: Poplar Drilling

Report Date: January 03, 2012

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QUALITY CONTROL REPORT

SMI11000787.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC	2.37	0.073	22.1	13	0.54	1080	0.268	6.91	3.156	3.43	<0.1	11.0	47	1.7	13.4	24.2	1.3	2	4	36.6
125252	Drill Core	2.04	0.086	14.5	11	0.81	873	0.245	6.45	0.053	1.95	0.9	82.1	28	0.7	8.0	9.5	0.7	1	4	36.2
REP 125252																					
125314	Drill Core	2.89	0.134	14.5	39	1.55	74	0.278	6.75	2.139	1.80	<0.1	25.2	32	1.3	11.8	3.5	0.2	1	9	13.2
REP 125314																					
125340	Drill Core	2.42	0.089	16.5	11	0.83	984	0.212	6.92	0.072	3.99	0.8	88.9	33	0.6	7.8	8.9	0.7	1	5	39.2
REP 125340	QC	2.41	0.085	17.4	11	0.84	991	0.213	7.02	0.072	3.95	0.9	84.2	35	0.6	7.9	9.2	0.7	1	5	38.0
125342	Drill Core	4.02	0.208	19.1	18	1.62	561	0.605	8.02	0.101	3.97	0.5	103.0	41	1.0	11.1	8.5	0.4	<1	14	431.1
REP 125342																					
125353	Drill Core	1.02	0.043	14.7	70	0.77	32	0.124	5.53	0.182	2.66	0.5	9.5	28	2.1	4.5	2.1	0.1	<1	9	24.0
REP 125353	QC	1.04	0.045	13.4	68	0.76	39	0.119	5.37	0.180	2.62	0.4	9.6	27	1.8	4.7	2.1	0.1	1	9	22.4
REP 125364																					
Core Reject Duplicates																					
125259	Drill Core	2.73	0.121	13.4	21	1.01	75	0.065	7.17	0.614	1.70	<0.1	15.7	30	0.5	6.7	1.0	<0.1	<1	7	16.2
DUP 125259	QC	2.52	0.109	11.5	19	0.95	66	0.059	6.69	0.538	1.55	<0.1	14.6	26	0.5	6.2	0.9	<0.1	<1	7	15.9
125294	Drill Core	2.01	0.088	26.2	104	1.23	910	0.189	9.07	0.334	3.07	1.5	87.6	56	1.8	11.9	2.2	0.2	2	20	19.7
DUP 125294	QC	2.07	0.092	27.2	94	1.23	1313	0.188	8.88	0.336	3.01	0.7	70.0	57	1.4	11.6	4.0	0.2	2	20	19.2
125329	Drill Core	1.34	0.069	18.8	93	1.19	110	0.193	7.12	1.515	3.63	0.3	15.8	41	1.5	7.0	3.2	0.2	1	14	13.8
DUP 125329	QC	1.46	0.078	19.8	92	1.23	81	0.195	7.71	1.513	3.81	0.2	16.8	44	1.4	7.3	3.3	0.2	2	15	13.5
125364	Drill Core	2.02	0.090	10.8	27	1.18	332	0.262	6.56	1.881	1.99	0.2	26.0	23	1.3	7.5	5.0	0.3	1	8	15.7
DUP 125364	QC	2.09	0.086	11.3	28	1.18	381	0.261	6.85	1.873	2.23	0.2	26.7	23	1.3	7.8	4.8	0.3	1	8	16.5
Reference Materials																					
STD OREAS24P	Standard	5.65	0.119	18.4	193	4.24	270	1.074	7.57	2.659	0.61	0.4	122.6	35	1.4	22.4	18.5	1.0	<1	21	7.4
STD OREAS24P	Standard	5.55	0.135	17.6	214	4.09	273	1.067	7.45	2.450	0.66	0.5	135.3	37	1.5	21.1	18.8	1.1	1	20	7.7
STD OREAS24P	Standard	5.59	0.126	18.1	186	3.86	249	1.036	7.31	2.381	0.65	0.4	125.0	36	1.5	20.2	18.1	1.1	1	20	7.6
STD OREAS24P	Standard	5.38	0.133	16.6	190	3.94	257	0.992	7.43	2.416	0.63	0.3	130.2	35	1.4	20.7	18.7	1.0	1	20	6.9
STD OREAS24P	Standard	5.75	0.127	17.4	219	3.95	260	1.041	7.55	2.347	0.64	0.4	126.2	36	1.6	23.9	17.4	1.0	1	19	7.4
STD OREAS45C	Standard	0.43	0.041	23.6	864	0.24	253	1.122	6.97	0.094	0.30	0.9	148.3	46	2.7	12.3	19.8	1.3	1	57	13.1



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

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	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
REP G1	QC	<0.1	92.7	0.7
125252	Drill Core	<0.1	55.5	2.5
REP 125252	QC			
125314	Drill Core	3.0	57.3	0.7
REP 125314	QC			
125340	Drill Core	<0.1	157.9	2.7
REP 125340	QC	<0.1	155.5	2.5
125342	Drill Core	<0.1	123.2	2.5
REP 125342	QC			
125353	Drill Core	2.9	75.1	0.3
REP 125353	QC	2.9	73.8	0.3
REP 125364	QC			
Core Reject Duplicates				
125259	Drill Core	3.3	41.5	0.6
DUP 125259	QC	3.4	34.1	0.5
125294	Drill Core	2.9	90.6	2.3
DUP 125294	QC	2.9	89.5	2.9
125329	Drill Core	1.9	77.7	0.5
DUP 125329	QC	2.1	86.0	0.4
125364	Drill Core	1.4	82.8	0.7
DUP 125364	QC	1.5	87.5	0.7
Reference Materials				
STD OREAS24P	Standard	<0.1	18.7	3.1
STD OREAS24P	Standard	<0.1	20.6	3.4
STD OREAS24P	Standard	<0.1	20.9	3.6
STD OREAS24P	Standard	<0.1	20.7	3.1
STD OREAS24P	Standard	<0.1	20.7	3.1
STD OREAS45C	Standard	<0.1	20.2	4.1



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	1
STD OREAS45C	Standard			2.1	600.1	25.0	79	0.2	342.5	102.2	1113	18.42	11	2.5	<0.1	10.7	41	0.2	0.9	0.2
STD OREAS45C	Standard			2.2	588.9	23.1	66	0.3	309.0	98.8	1118	16.62	12	2.1	<0.1	10.4	26	0.1	1.3	0.3
STD OREAS45C	Standard			2.2	621.2	23.9	90	0.2	328.2	100.1	1136	17.62	12	2.3	<0.1	9.8	40	<0.1	0.6	0.2
STD OREAS45C	Standard			2.5	621.1	24.0	76	0.3	337.3	101.9	1183	17.04	11	2.3	<0.1	10.6	46	<0.1	0.9	0.3
STD OXH82	Standard		1.314																	
STD OXH82	Standard		1.341																	
STD OXH82	Standard		1.304																	
STD OXH82	Standard		1.287																	
STD OXK79	Standard		3.623																	
STD OXK79	Standard		3.720																	
STD OXK79	Standard		3.570																	
STD OXK79	Standard		3.489																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.48	0.049	25.4	948	0.25	282	1.132	6.90	0.093	0.35	1.1	169.6	52	3.0	11.7	22.4	1.4	<1	59	15.8
STD OREAS45C	Standard	0.44	0.049	25.4	918	0.27	255	1.155	6.82	0.102	0.32	0.9	150.0	49	2.5	11.7	20.7	1.3	<1	58	14.2
STD OREAS45C	Standard	0.49	0.053	24.4	944	0.26	283	1.119	6.98	0.106	0.35	1.3	172.4	53	2.8	12.8	21.8	1.3	<1	62	17.0
STD OREAS45C	Standard	0.47	0.051	25.3	813	0.27	275	1.187	7.27	0.101	0.34	1.1	154.9	51	2.7	13.4	20.4	1.3	<1	59	16.2
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	23.4	4.5
STD OREAS45C	Standard	<0.1	21.8	3.8
STD OREAS45C	Standard	<0.1	23.7	4.3
STD OREAS45C	Standard	<0.1	20.1	4.1
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
G1	Prep Blank	<0.005																		
G1	Prep Blank	<0.005																		
G1	Prep Blank	<0.005																		



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 03, 2012

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QUALITY CONTROL REPORT

SMI11000787.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
G1	Prep Blank																				
G1	Prep Blank	2.30	0.066	21.7	12	0.53	1070	0.267	6.67	3.067	3.36	0.2	10.5	46	1.3	12.9	24.2	1.2	3	4	37.1
G1	Prep Blank	2.27	0.070	21.4	12	0.53	1017	0.253	6.84	2.929	3.24	0.1	9.8	44	1.6	13.2	23.5	1.2	2	4	34.1



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Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000787.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
G1	Prep Blank			
G1	Prep Blank	<0.1	96.7	0.5
G1	Prep Blank	<0.1	94.6	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 28, 2011
Report Date: January 17, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000787.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_107_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1EX Ag results readjusted.



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125250	Drill Core	6.54	<0.005	0.4	1.6	23.5	291	<0.1	10.8	7.6	1052	2.22	9	2.0	<0.1	6.1	285	0.4	5.7	0.2
125251	Drill Core	6.00	<0.005	0.4	6.3	21.8	174	<0.1	10.9	7.5	690	2.33	8	2.7	<0.1	7.8	429	0.4	3.1	0.1
125252	Drill Core	6.62	<0.005	0.7	20.1	35.9	157	0.4	9.1	6.2	1231	2.02	8	2.8	<0.1	7.5	524	0.6	3.8	0.3
125253	Drill Core	3.58	<0.005	0.5	5.2	36.4	147	<0.1	8.1	4.7	1205	2.00	6	2.8	<0.1	6.9	531	0.5	3.0	0.2
125254	Drill Core	7.95	0.038	6.8	1751	13.8	58	1.4	120.4	33.8	389	4.93	5	1.1	<0.1	3.4	118	<0.1	1.0	0.3
125255	Drill Core	2.59	0.030	8.6	1294	21.5	56	0.8	104.0	32.3	407	4.99	3	0.9	<0.1	3.8	158	0.2	1.0	0.2
125256	Drill Core	5.10	0.022	7.3	715.4	12.0	74	0.3	29.3	16.3	469	3.95	<1	0.8	<0.1	4.3	163	0.3	0.6	0.1
125257	Drill Core	1.86	0.022	16.5	780.7	16.9	55	0.5	99.9	17.1	247	3.22	5	1.1	<0.1	3.9	193	0.3	0.5	0.1
125258	Rock	0.61	0.008	0.3	3.1	0.6	<1	<0.1	<0.1	<0.2	27	0.06	14	1.5	<0.1	<0.1	4093	<0.1	<0.1	<0.1
125259	Drill Core	2.72	<0.005	3.2	99.2	29.2	108	0.3	33.7	9.8	486	4.74	1	0.9	<0.1	4.4	219	0.8	0.5	0.2
125260	Drill Core	2.00	0.020	21.7	721.8	12.1	32	0.6	77.8	17.2	190	3.32	2	1.0	<0.1	4.1	421	<0.1	0.4	<0.1
125261	Drill Core	2.55	0.006	2.5	259.0	23.8	52	0.3	35.4	11.1	420	5.43	2	0.9	<0.1	4.7	507	0.2	0.7	<0.1
125262	Drill Core	6.97	0.018	9.9	869.6	45.3	134	1.0	118.6	25.3	603	4.63	5	1.1	<0.1	3.9	223	0.8	0.6	0.3
125263	Drill Core	6.74	0.032	11.3	1019	64.3	264	0.9	119.3	28.4	943	5.77	5	0.9	<0.1	2.8	99	1.8	0.8	0.2
125264	Drill Core	7.42	0.026	11.7	892.9	13.1	52	0.3	120.9	33.0	276	5.18	3	1.0	<0.1	3.3	159	<0.1	2.6	0.3
125265	Drill Core	7.07	0.010	6.5	355.7	259.1	823	2.5	119.5	24.4	967	4.26	9	1.2	<0.1	3.7	201	5.8	3.3	0.2
125266	Drill Core	6.96	0.013	15.4	512.8	43.6	104	1.0	96.7	21.7	729	5.00	8	1.5	<0.1	3.9	234	0.5	4.1	0.1
125267	Rock Pulp	0.10	0.458	162.7	3986	27.3	66	2.7	40.4	21.9	371	4.81	44	1.3	0.3	2.3	199	0.3	4.5	0.3
125268	Drill Core	6.67	0.029	9.0	1382	11.1	38	0.6	110.5	25.7	226	5.20	4	0.9	<0.1	3.6	131	<0.1	1.5	0.3
125269	Drill Core	7.40	0.021	7.4	964.3	16.1	63	0.5	112.1	26.0	256	4.89	2	1.0	<0.1	3.3	90	0.5	0.3	0.2
125270	Drill Core	3.39	0.023	7.0	863.8	120.4	386	1.9	95.5	21.8	886	5.09	5	1.4	<0.1	3.2	137	1.7	1.3	0.1
125271	Rock	0.67	<0.005	0.2	7.1	0.7	<1	<0.1	<0.1	0.3	36	0.07	14	1.4	<0.1	<0.1	3512	<0.1	<0.1	<0.1
125272	Drill Core	7.63	0.016	5.0	604.3	95.9	311	1.5	12.9	14.4	1717	3.77	16	1.5	<0.1	4.5	361	2.0	6.7	0.2
125273	Drill Core	6.63	0.021	4.2	714.8	95.2	259	1.1	10.5	12.5	795	4.24	7	1.5	<0.1	4.4	525	1.4	2.8	0.3
125274	Drill Core	6.16	0.018	9.8	717.2	36.8	77	0.7	9.9	16.1	637	3.62	4	1.3	<0.1	4.4	267	0.2	1.0	0.2
125275	Drill Core	3.32	0.019	13.1	709.3	58.2	82	0.7	9.1	15.4	659	3.60	4	1.2	<0.1	4.3	272	0.4	1.2	0.1
125276	Drill Core	6.80	0.019	14.7	696.8	28.6	74	0.5	8.8	15.5	599	3.68	3	1.3	<0.1	4.5	559	0.1	0.9	0.2
125277	Drill Core	2.71	0.012	13.7	479.5	16.2	68	0.5	8.0	12.4	663	3.20	2	1.2	<0.1	4.5	193	0.1	1.5	0.1
125278	Drill Core	6.08	0.022	45.1	610.1	214.1	924	3.0	9.7	13.0	2143	2.94	30	1.3	<0.1	3.7	333	5.9	25.1	0.1
125279	Drill Core	6.79	0.030	25.5	800.3	398.5	871	8.5	13.4	14.3	5670	3.24	103	1.8	<0.1	4.5	817	4.7	95.2	0.2



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Project: Poplar Drilling
Report Date: January 17, 2012

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125250	Drill Core	2.83	0.088	13.1	15	0.93	1029	0.262	6.11	0.096	3.62	0.5	79.2	28	0.6	8.1	8.8	0.6	<1	4
125251	Drill Core	2.95	0.095	16.3	13	1.09	923	0.279	6.96	0.048	2.47	0.7	83.1	32	0.5	8.7	9.6	0.7	1	5
125252	Drill Core	2.04	0.086	14.5	11	0.81	873	0.245	6.45	0.053	1.95	0.9	82.1	28	0.7	8.0	9.5	0.7	1	4
125253	Drill Core	1.93	0.085	11.9	11	0.75	717	0.244	6.47	0.052	1.88	0.8	82.8	25	0.5	7.4	9.6	0.8	1	4
125254	Drill Core	0.58	0.039	14.0	121	0.64	83	0.093	6.53	0.261	3.46	0.2	14.2	32	1.3	5.0	1.3	<0.1	1	12
125255	Drill Core	0.94	0.048	15.1	103	0.77	68	0.074	7.24	0.137	3.19	0.2	10.7	34	0.8	5.1	0.7	<0.1	1	13
125256	Drill Core	2.29	0.110	12.1	16	0.90	144	0.095	6.43	0.709	1.62	0.1	12.0	27	0.8	7.8	1.7	<0.1	<1	6
125257	Drill Core	1.29	0.025	19.9	106	0.65	327	0.091	8.98	0.139	3.35	0.2	18.5	44	0.7	6.0	0.9	<0.1	2	19
125258	Rock	31.89	0.003	<0.1	<1	1.65	10	0.002	0.05	0.003	0.01	<0.1	0.3	<1	<0.1	0.2	<0.1	<0.1	<1	<1
125259	Drill Core	2.73	0.121	13.4	21	1.01	75	0.065	7.17	0.614	1.70	<0.1	15.7	30	0.5	6.7	1.0	<0.1	<1	7
125260	Drill Core	0.68	0.023	16.0	98	0.64	277	0.109	7.93	1.297	3.75	0.2	17.2	36	0.8	5.2	1.4	<0.1	2	15
125261	Drill Core	2.31	0.129	14.0	28	1.01	164	0.079	7.53	1.085	1.21	<0.1	17.2	30	0.5	9.4	1.4	<0.1	<1	8
125262	Drill Core	0.74	0.025	15.9	119	0.61	142	0.080	8.38	0.348	2.93	0.2	14.2	36	1.0	4.9	0.9	<0.1	1	15
125263	Drill Core	0.61	0.023	10.5	107	0.57	51	0.077	7.12	0.354	2.76	0.2	9.1	26	1.3	3.6	0.8	<0.1	2	13
125264	Drill Core	0.35	0.030	11.1	132	0.48	40	0.113	7.33	0.442	1.82	0.2	16.7	27	1.2	4.6	1.3	<0.1	2	16
125265	Drill Core	0.30	0.030	14.1	122	0.34	76	0.124	8.02	0.428	3.54	0.4	18.0	32	1.9	5.7	1.1	<0.1	2	16
125266	Drill Core	0.40	0.085	16.5	140	0.41	76	0.122	7.96	0.481	2.58	0.3	18.4	37	1.0	7.7	1.7	0.1	1	16
125267	Rock Pulp	0.33	0.098	12.0	64	1.09	163	0.289	6.09	1.456	5.51	14.1	26.3	24	2.3	10.0	2.7	0.2	<1	13
125268	Drill Core	0.37	0.019	9.5	106	0.48	59	0.087	8.45	0.474	2.49	0.3	20.6	22	1.2	4.0	0.9	<0.1	2	13
125269	Drill Core	0.49	0.089	11.7	111	0.60	46	0.084	7.27	0.511	2.91	0.4	15.7	29	2.4	5.9	1.0	<0.1	1	15
125270	Drill Core	0.71	0.180	15.2	86	0.55	60	0.111	6.96	0.337	3.04	0.4	15.8	36	1.8	10.7	1.2	<0.1	<1	14
125271	Rock	32.57	0.003	0.2	<1	1.79	13	0.002	0.09	0.004	0.01	<0.1	0.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1
125272	Drill Core	2.71	0.124	14.8	10	1.00	234	0.215	7.32	0.131	2.25	0.4	27.6	32	0.6	9.6	4.5	0.3	1	6
125273	Drill Core	3.05	0.124	14.0	11	1.10	136	0.221	7.04	0.225	2.43	0.4	30.9	30	1.3	9.3	4.6	0.3	<1	6
125274	Drill Core	3.27	0.126	12.5	9	1.13	139	0.246	7.11	0.405	2.58	0.3	26.3	29	1.0	9.9	5.4	0.3	1	6
125275	Drill Core	2.97	0.124	12.5	10	1.06	216	0.245	7.30	0.418	2.57	0.3	26.1	29	0.6	9.6	5.2	0.4	<1	6
125276	Drill Core	2.81	0.126	13.6	9	1.03	217	0.248	7.12	0.420	2.61	0.3	25.8	30	0.6	9.6	5.2	0.4	1	6
125277	Drill Core	2.60	0.126	14.8	9	1.09	338	0.252	7.40	0.089	2.45	0.5	27.7	33	0.7	9.7	5.8	0.4	<1	6
125278	Drill Core	3.13	0.109	12.7	9	1.08	172	0.192	6.39	0.052	1.91	1.4	20.5	27	0.8	8.7	4.1	0.2	<1	5
125279	Drill Core	1.98	0.117	16.3	10	0.84	137	0.199	7.25	0.048	2.76	2.9	25.3	36	1.0	8.4	4.0	0.2	2	6



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Report Date: January 17, 2012

Page: 2 of 5 **Part** 3

CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125250	Drill Core	<0.1	77.8	2.5
125251	Drill Core	<0.1	58.3	2.6
125252	Drill Core	<0.1	55.5	2.5
125253	Drill Core	<0.1	46.5	2.7
125254	Drill Core	3.2	75.7	0.4
125255	Drill Core	3.2	69.3	0.3
125256	Drill Core	1.8	37.9	0.4
125257	Drill Core	1.5	69.4	0.5
125258	Rock	<0.1	0.5	<0.1
125259	Drill Core	3.3	41.5	0.6
125260	Drill Core	1.2	77.3	0.5
125261	Drill Core	1.6	40.1	0.5
125262	Drill Core	2.3	68.1	0.5
125263	Drill Core	3.6	52.4	1.0
125264	Drill Core	3.1	47.2	0.4
125265	Drill Core	3.2	90.1	0.5
125266	Drill Core	2.3	58.4	0.4
125267	Rock Pulp	2.1	126.6	0.7
125268	Drill Core	3.0	53.6	0.5
125269	Drill Core	3.2	51.5	0.4
125270	Drill Core	3.3	58.3	0.5
125271	Rock	<0.1	0.4	<0.1
125272	Drill Core	1.6	48.9	0.7
125273	Drill Core	2.4	45.0	0.9
125274	Drill Core	1.6	38.3	0.9
125275	Drill Core	1.6	40.4	0.9
125276	Drill Core	1.4	44.5	0.7
125277	Drill Core	1.1	40.1	0.8
125278	Drill Core	1.1	34.2	0.6
125279	Drill Core	1.5	88.6	0.6



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CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125280	Drill Core	7.48	0.020	10.1	725.6	82.5	262	1.6	12.2	15.5	2325	3.46	41	1.7	<0.1	3.9	484	1.4	9.5	0.3
125281	Drill Core	4.11	0.029	16.5	903.1	21.1	74	0.9	14.3	14.8	1158	3.15	7	1.3	<0.1	4.0	203	0.4	3.3	0.2
125282	Drill Core	7.74	0.043	56.8	1585	848.1	4226	11.1	76.0	17.4	1728	4.19	29	1.3	<0.1	4.2	162	23.8	45.0	0.8
125283	Drill Core	4.46	0.020	30.2	960.8	31.7	109	0.9	63.4	21.5	1027	3.54	6	1.5	<0.1	5.2	300	0.5	3.1	0.6
125284	Drill Core	7.85	0.030	35.6	1044	127.9	1765	3.6	32.5	19.8	2010	3.65	25	1.3	<0.1	4.0	326	9.8	16.6	0.6
125285	Drill Core	4.53	0.023	55.2	1047	31.4	85	0.8	46.0	22.6	662	4.53	49	1.6	<0.1	3.8	406	0.2	10.1	0.4
125286	Rock Pulp	0.14	0.427	144.1	3823	27.5	71	2.6	40.6	21.8	444	4.80	42	1.1	0.7	2.8	230	0.3	3.9	0.5
125287	Drill Core	7.07	0.019	34.6	1089	45.9	115	0.6	72.9	28.3	977	3.92	8	1.2	<0.1	5.4	617	0.4	1.5	0.2
125288	Drill Core	5.51	0.014	125.8	714.0	37.6	121	0.5	86.7	29.3	547	5.41	8	1.3	<0.1	5.5	294	0.6	1.1	0.3
125289	Drill Core	7.72	0.014	26.2	712.1	33.2	97	0.6	86.6	25.3	521	4.59	5	1.4	<0.1	6.1	256	0.7	1.8	0.3
125290	Drill Core	7.77	0.014	55.0	734.9	56.9	164	1.4	83.3	26.4	991	4.62	21	1.5	<0.1	6.7	351	0.8	10.7	0.3
125291	Drill Core	7.68	0.021	42.8	1169	43.3	116	0.8	89.2	24.9	864	4.52	12	1.3	<0.1	6.0	265	0.6	5.1	0.2
125292	Rock	0.51	<0.005	0.9	7.9	0.8	2	<0.1	0.4	0.3	33	0.10	10	1.1	<0.1	<0.1	3743	<0.1	<0.1	<0.1
125293	Drill Core	7.35	0.028	51.5	1214	15.9	71	0.4	81.6	22.3	401	4.16	6	1.3	<0.1	6.2	262	0.4	0.6	0.2
125294	Drill Core	8.14	0.022	43.2	1177	18.8	83	0.6	78.2	23.2	424	4.28	16	2.2	<0.1	7.6	240	0.3	1.4	0.2
125295	Drill Core	8.16	0.022	42.0	1097	16.6	78	0.4	85.2	25.6	510	4.45	23	1.3	<0.1	5.9	375	0.2	1.0	0.2
125296	Drill Core	6.44	0.021	30.4	1053	19.9	57	0.5	77.8	23.3	447	4.33	4	2.9	<0.1	6.9	129	0.3	0.2	0.2
125297	Drill Core	3.56	0.021	44.9	1007	20.8	63	0.6	74.1	22.6	504	4.13	4	1.2	<0.1	5.8	128	0.2	0.2	0.2
125298	Drill Core	7.35	0.028	31.7	1297	51.2	94	0.6	74.2	21.8	681	4.28	5	1.2	<0.1	6.0	124	0.4	0.3	0.2
125299	Drill Core	7.09	0.031	39.1	1026	15.5	56	0.4	59.7	17.3	342	4.21	3	1.2	<0.1	5.7	196	0.2	0.1	0.2
125300	Drill Core	7.60	0.047	54.2	1716	38.2	119	0.8	75.8	19.9	760	4.26	17	1.3	<0.1	6.9	213	0.2	2.7	0.2
125301	Drill Core	7.54	0.038	42.7	1429	95.3	253	2.9	81.8	23.3	2449	4.67	73	1.6	<0.1	6.3	260	1.2	17.6	0.3
125302	Drill Core	2.52	0.102	43.5	1426	598.6	2447	12.5	74.5	18.2	3181	4.39	153	1.7	<0.1	6.6	576	15.9	84.8	0.3
125303	Drill Core	7.22	0.038	34.8	1719	41.8	164	1.1	29.3	21.9	1026	3.95	79	1.1	<0.1	3.2	325	0.8	6.7	0.2
125304	Rock Pulp	0.14	0.981	164.7	3595	51.6	135	3.7	25.3	19.5	565	4.86	66	1.3	1.8	2.7	244	0.5	7.8	0.7
125305	Drill Core	6.61	0.049	121.0	2068	146.5	2747	2.9	24.3	23.8	1505	3.81	142	1.1	<0.1	3.9	335	15.2	8.2	0.3
125306	Drill Core	7.38	0.054	26.7	1948	130.7	1550	3.5	22.1	21.2	2641	3.80	30	1.3	<0.1	3.6	498	7.8	12.7	0.2
125307	Drill Core	6.78	0.039	50.1	1787	44.7	128	1.6	22.7	19.9	866	4.08	62	0.7	0.1	3.8	219	0.5	2.5	0.3
125308	Drill Core	7.97	0.038	19.7	1705	45.5	155	1.6	19.7	18.3	1077	3.88	23	0.8	<0.1	3.7	472	0.6	8.7	0.2
125309	Rock	0.39	<0.005	0.1	5.8	0.6	2	<0.1	<0.1	<0.2	29	0.07	7	1.9	<0.1	<0.1	3749	<0.1	<0.1	<0.1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125280	Drill Core	3.11	0.123	13.6	6	1.12	172	0.208	7.07	0.042	1.72	0.7	32.6	31	0.9	8.8	3.6	0.3	1	6
125281	Drill Core	2.97	0.106	14.4	14	1.02	253	0.212	6.86	0.060	1.96	1.0	31.4	31	1.4	8.5	3.6	0.2	2	6
125282	Drill Core	1.00	0.061	14.9	85	0.78	77	0.102	7.59	0.144	4.27	0.8	16.0	35	2.2	6.2	0.9	<0.1	<1	16
125283	Drill Core	1.59	0.053	17.9	82	0.87	396	0.148	9.75	0.124	2.97	0.7	50.3	39	1.9	8.7	3.4	0.1	2	22
125284	Drill Core	1.91	0.116	18.5	11	0.90	345	0.055	7.50	0.124	2.34	0.5	31.9	41	1.2	8.5	1.0	<0.1	2	8
125285	Drill Core	2.07	0.077	20.4	12	0.88	132	0.050	6.28	0.296	2.16	0.3	23.1	43	1.8	8.3	0.8	<0.1	<1	8
125286	Rock Pulp	0.32	0.110	15.4	63	1.04	547	0.275	6.33	1.470	4.06	16.6	28.7	32	2.3	11.8	3.1	0.2	2	15
125287	Drill Core	3.06	0.093	19.8	81	1.22	151	0.077	7.63	0.198	2.59	0.6	33.6	44	1.5	8.2	1.1	<0.1	2	15
125288	Drill Core	2.43	0.075	19.8	86	1.15	109	0.095	8.14	0.162	3.05	0.2	33.7	45	1.3	8.4	1.2	<0.1	1	17
125289	Drill Core	1.81	0.101	22.1	95	1.02	653	0.116	9.09	0.162	3.17	0.3	60.0	49	1.3	8.8	1.3	0.1	2	20
125290	Drill Core	1.25	0.095	22.2	90	0.76	616	0.086	8.87	0.132	2.85	0.8	35.5	49	1.4	9.6	1.0	<0.1	2	20
125291	Drill Core	1.87	0.089	20.6	92	1.15	98	0.123	8.80	0.169	3.08	0.4	26.4	48	1.4	8.5	1.4	<0.1	2	19
125292	Rock	32.76	0.003	0.4	<1	1.73	17	0.002	0.12	0.003	0.04	<0.1	0.6	<1	0.2	0.3	<0.1	<0.1	<1	<1
125293	Drill Core	2.05	0.087	24.8	106	1.44	167	0.187	8.93	0.800	2.78	0.3	26.4	55	1.4	9.7	2.7	0.2	1	21
125294	Drill Core	2.01	0.088	26.2	104	1.23	910	0.189	9.07	0.334	3.07	1.5	87.6	56	1.8	11.9	2.2	0.2	2	20
125295	Drill Core	1.35	0.091	19.7	96	1.05	100	0.159	9.86	0.815	2.95	0.4	29.5	47	1.3	8.4	2.2	0.1	1	23
125296	Drill Core	1.44	0.059	25.2	85	1.02	942	0.160	9.98	0.244	3.37	0.5	85.3	52	1.5	8.4	2.3	0.1	2	24
125297	Drill Core	1.49	0.059	21.2	88	1.07	237	0.132	9.78	0.221	3.29	0.4	24.7	48	1.2	7.4	1.6	0.1	1	23
125298	Drill Core	2.11	0.108	20.1	90	1.39	334	0.149	8.27	0.393	2.60	0.3	22.8	44	1.1	9.7	2.0	0.2	2	18
125299	Drill Core	1.41	0.088	18.8	81	1.07	141	0.138	8.29	1.076	2.74	0.3	23.9	44	1.6	7.6	1.8	0.1	2	17
125300	Drill Core	1.98	0.078	22.8	92	1.33	261	0.158	8.92	0.773	3.16	0.5	25.7	50	1.4	7.4	1.6	<0.1	1	21
125301	Drill Core	1.80	0.090	19.5	89	1.32	203	0.167	10.00	0.141	3.64	1.0	25.1	46	1.3	8.1	1.9	0.1	2	23
125302	Drill Core	1.33	0.083	21.4	89	1.07	189	0.169	9.52	0.093	3.25	1.1	30.1	49	1.2	8.5	2.1	0.1	2	23
125303	Drill Core	3.12	0.127	13.1	26	1.39	257	0.136	6.38	0.445	1.79	0.4	24.3	31	0.9	8.9	2.1	0.1	2	9
125304	Rock Pulp	0.43	0.109	15.6	46	0.82	423	0.248	7.14	1.250	4.79	28.2	25.3	32	3.4	11.9	3.7	0.2	2	13
125305	Drill Core	3.00	0.103	21.6	24	1.43	459	0.124	7.32	0.087	2.18	0.6	20.2	48	1.0	9.3	2.0	0.1	1	9
125306	Drill Core	2.41	0.115	14.3	22	1.22	340	0.143	6.87	0.783	2.03	0.4	21.7	33	0.8	8.9	2.5	0.1	<1	8
125307	Drill Core	2.45	0.110	14.2	21	1.12	289	0.122	6.84	0.995	1.75	0.3	19.4	33	1.4	8.0	2.2	0.1	2	8
125308	Drill Core	2.51	0.108	14.1	28	1.24	292	0.176	7.02	1.697	1.76	0.3	23.4	32	1.2	9.8	3.1	0.2	1	9
125309	Rock	33.37	0.003	0.4	<1	1.66	12	0.001	0.06	0.008	<0.01	<0.1	1.3	<1	<0.1	0.4	<0.1	<0.1	<1	<1



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125280	Drill Core	2.1	28.2	0.9
125281	Drill Core	1.7	41.6	0.9
125282	Drill Core	3.0	97.0	0.4
125283	Drill Core	2.6	101.3	2.3
125284	Drill Core	2.4	91.6	0.6
125285	Drill Core	3.8	67.1	0.7
125286	Rock Pulp	2.2	104.6	0.9
125287	Drill Core	2.8	70.9	0.9
125288	Drill Core	4.3	75.3	1.0
125289	Drill Core	3.7	90.2	1.4
125290	Drill Core	3.9	90.7	0.9
125291	Drill Core	3.2	83.5	0.6
125292	Rock	0.1	1.2	<0.1
125293	Drill Core	2.1	84.7	0.8
125294	Drill Core	2.9	90.6	2.3
125295	Drill Core	2.6	81.7	0.8
125296	Drill Core	2.9	96.6	3.6
125297	Drill Core	2.6	86.9	0.8
125298	Drill Core	2.2	77.4	0.5
125299	Drill Core	2.4	80.0	0.8
125300	Drill Core	2.0	90.1	0.7
125301	Drill Core	2.2	98.1	0.7
125302	Drill Core	2.6	119.1	0.7
125303	Drill Core	2.0	55.1	0.6
125304	Rock Pulp	2.6	137.1	0.6
125305	Drill Core	2.3	68.9	0.5
125306	Drill Core	2.1	79.6	0.6
125307	Drill Core	2.9	60.4	0.5
125308	Drill Core	2.6	71.1	0.6
125309	Rock	<0.1	0.5	<0.1



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CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125310	Drill Core	7.16	0.044	21.6	1706	62.2	287	1.3	22.2	20.5	1293	4.11	3	0.7	<0.1	3.7	383	1.4	2.6	0.2
125311	Drill Core	8.07	0.057	21.1	2579	16.3	85	1.0	32.1	32.7	336	5.04	2	0.9	<0.1	4.0	436	0.6	0.6	0.6
125312	Drill Core	7.05	0.067	36.6	2700	12.9	56	1.0	32.7	29.6	333	4.83	2	0.7	<0.1	3.7	365	0.1	0.3	0.6
125313	Drill Core	6.84	0.069	20.4	2598	10.9	43	0.6	38.6	23.2	287	4.34	3	0.7	<0.1	3.4	470	0.2	0.5	0.3
125314	Drill Core	6.84	0.045	29.5	2021	8.0	34	0.5	26.4	20.3	230	3.93	2	0.8	<0.1	3.4	823	0.2	0.1	0.3
125315	Drill Core	6.89	0.052	35.1	2313	144.5	684	3.7	25.3	19.9	1667	4.39	38	0.9	<0.1	3.0	841	3.8	23.8	0.1
125316	Drill Core	6.78	0.044	47.3	2015	99.3	317	2.6	37.9	18.1	2022	3.56	66	1.2	<0.1	4.3	354	1.7	20.7	0.2
125317	Drill Core	3.14	0.042	46.4	2007	138.5	254	2.3	36.6	15.9	2085	3.29	58	1.2	<0.1	4.6	366	1.4	18.8	0.2
125318	Drill Core	2.87	0.066	23.2	2911	21.1	90	1.1	63.7	19.9	907	4.28	33	1.2	<0.1	5.4	679	0.4	2.6	0.2
125319	Drill Core	6.99	0.039	41.3	1903	65.8	84	1.8	66.9	16.4	613	4.15	29	1.3	<0.1	6.6	365	0.3	22.5	0.2
125320	Drill Core	6.83	0.032	47.3	1946	41.2	81	1.5	67.1	15.5	681	3.96	37	1.3	<0.1	5.8	414	0.5	19.5	0.5
125321	Drill Core	7.79	0.044	26.6	1884	291.4	1095	15.6	61.3	16.6	5944	4.12	239	1.4	<0.1	4.6	542	7.1	175.9	0.5
125322	Drill Core	4.06	0.041	33.3	1620	337.5	605	8.5	53.7	15.0	4281	4.38	143	1.1	<0.1	4.0	346	3.8	93.4	0.7
125323	Drill Core	7.20	0.058	15.3	3339	9.7	48	0.8	54.6	16.7	585	3.89	34	1.0	<0.1	4.5	255	<0.1	31.0	0.5
125324	Rock Pulp	0.14	0.458	150.4	3938	28.7	74	2.9	41.0	21.2	473	4.90	49	1.3	0.4	2.8	282	0.2	5.2	0.4
125325	Drill Core	6.81	0.055	19.6	2902	39.1	84	1.3	56.6	15.3	797	4.06	40	0.9	<0.1	4.8	411	0.3	15.1	0.3
125326	Drill Core	7.62	0.040	52.8	2687	56.7	166	1.0	50.8	13.8	487	3.74	11	0.9	<0.1	5.3	338	0.9	2.3	0.3
125327	Drill Core	3.02	0.050	23.9	2556	11.1	74	0.9	52.3	13.7	406	3.41	88	1.1	0.2	5.3	515	0.2	12.8	0.5
125328	Drill Core	7.02	0.050	48.0	2228	23.8	89	1.1	63.1	13.5	513	3.73	148	1.5	<0.1	6.0	710	0.2	23.7	0.3
125329	Drill Core	5.45	0.072	27.4	2637	32.5	87	1.0	50.8	12.5	334	3.48	53	1.3	<0.1	6.5	452	0.5	7.2	0.3
125330	Drill Core	4.56	0.013	2.4	502.8	8.3	34	0.2	13.0	7.5	215	3.48	4	1.3	<0.1	4.3	1282	<0.1	0.2	0.1
125331	Drill Core	2.33	0.063	16.9	3424	144.0	582	6.8	63.2	17.5	914	3.75	302	5.1	0.2	6.2	488	2.9	64.3	0.5
125332	Drill Core	4.37	<0.005	0.4	34.8	28.8	157	1.6	8.9	5.7	1096	2.12	9	3.6	<0.1	8.0	505	0.2	6.4	0.3
125333	Rock	0.68	<0.005	<0.1	5.6	<0.1	1	<0.1	<0.1	<0.2	30	0.02	4	1.5	<0.1	<0.1	4262	<0.1	<0.1	<0.1
125334	Drill Core	7.25	<0.005	0.1	7.4	28.8	201	0.1	10.6	6.4	1844	2.22	10	3.2	<0.1	7.9	473	0.3	9.1	0.1
125335	Drill Core	2.31	<0.005	0.5	11.6	27.1	221	0.2	10.7	7.2	1114	2.38	12	2.2	<0.1	8.0	552	0.6	7.7	0.2
125336	Drill Core	7.03	0.102	19.5	4195	142.1	287	6.4	42.6	14.6	1828	4.48	110	1.3	0.1	4.5	449	1.6	53.7	0.4
125337	Drill Core	2.93	0.112	11.5	5803	90.2	233	5.5	54.4	17.4	1409	7.01	69	1.1	0.2	4.3	386	1.3	21.7	0.3
125338	Drill Core	4.75	0.150	16.5	3133	220.9	1158	6.9	22.5	9.2	1925	3.27	20	0.8	0.1	2.7	191	6.6	19.1	0.3
125339	Drill Core	4.33	0.078	19.2	3564	81.4	475	5.6	27.7	18.9	1192	4.58	73	2.2	<0.1	4.0	417	3.3	13.8	0.2



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125310	Drill Core	2.35	0.119	16.6	26	1.38	218	0.285	7.04	1.553	1.91	0.3	21.1	37	1.1	10.3	3.0	0.2	1	9
125311	Drill Core	1.77	0.113	17.1	24	1.27	60	0.143	6.82	2.127	1.73	0.1	18.4	37	1.4	10.3	1.6	0.1	<1	7
125312	Drill Core	2.37	0.130	15.9	38	1.65	61	0.291	7.29	2.454	2.05	0.1	19.8	35	1.3	12.3	3.9	0.2	1	10
125313	Drill Core	2.20	0.126	14.0	37	1.42	86	0.210	7.03	1.858	1.86	0.2	20.9	32	1.4	11.4	2.9	0.1	1	9
125314	Drill Core	2.89	0.134	14.5	39	1.55	74	0.278	6.75	2.139	1.80	<0.1	25.2	32	1.3	11.8	3.5	0.2	1	9
125315	Drill Core	2.40	0.135	14.5	35	1.36	192	0.220	6.91	0.990	1.92	0.9	26.6	34	1.4	10.4	4.5	0.2	<1	11
125316	Drill Core	2.39	0.113	22.6	34	1.12	519	0.142	7.56	0.077	2.24	0.5	29.5	49	1.2	9.2	1.7	0.1	1	11
125317	Drill Core	2.42	0.120	21.2	32	1.16	525	0.145	7.70	0.082	2.31	0.4	27.8	47	1.3	9.0	2.3	<0.1	3	11
125318	Drill Core	2.31	0.110	30.9	46	1.24	567	0.184	7.41	0.792	1.98	0.2	21.2	63	0.9	9.6	3.1	0.2	1	11
125319	Drill Core	2.06	0.086	18.9	97	1.39	159	0.197	8.87	0.887	3.35	0.5	20.6	42	1.5	6.9	2.5	0.2	2	18
125320	Drill Core	1.75	0.067	16.0	83	1.21	216	0.144	8.51	0.110	3.62	0.5	10.9	36	1.8	4.5	1.5	0.1	1	17
125321	Drill Core	1.03	0.049	15.6	74	0.92	78	0.132	7.70	0.086	3.81	1.0	11.8	38	2.0	4.9	1.4	<0.1	1	16
125322	Drill Core	0.90	0.039	14.8	76	0.86	49	0.112	7.14	0.087	3.52	0.8	10.2	35	2.0	4.4	1.0	<0.1	2	15
125323	Drill Core	1.82	0.043	24.0	95	1.11	95	0.104	6.68	0.085	2.53	0.4	12.0	51	1.8	5.4	1.3	<0.1	<1	13
125324	Rock Pulp	0.43	0.117	16.0	67	1.07	215	0.262	7.27	1.559	6.57	12.4	26.0	33	2.6	10.7	2.4	0.1	2	17
125325	Drill Core	2.21	0.048	22.5	90	1.18	48	0.096	6.13	0.074	2.14	0.3	12.5	47	1.5	5.4	1.5	<0.1	2	10
125326	Drill Core	1.66	0.046	18.0	90	1.08	51	0.094	6.27	0.094	2.53	0.4	13.0	39	2.2	4.1	1.1	<0.1	1	11
125327	Drill Core	1.83	0.045	20.2	102	1.07	66	0.110	6.83	0.090	2.76	0.4	14.6	43	2.1	4.6	1.5	<0.1	1	12
125328	Drill Core	1.98	0.068	18.6	87	1.16	104	0.132	8.00	0.261	3.39	0.5	18.2	42	2.7	5.4	1.8	0.1	1	15
125329	Drill Core	1.34	0.069	18.8	93	1.19	110	0.193	7.12	1.515	3.63	0.3	15.8	41	1.5	7.0	3.2	0.2	1	14
125330	Drill Core	2.45	0.139	11.2	11	0.96	379	0.205	7.07	2.418	1.82	<0.1	21.1	28	0.8	10.1	5.1	0.4	1	7
125331	Drill Core	1.34	0.051	16.9	86	0.88	67	0.141	7.48	0.106	3.27	0.4	15.3	38	2.4	5.4	2.2	0.1	2	14
125332	Drill Core	1.92	0.088	15.9	11	0.78	764	0.224	6.90	0.062	3.71	1.0	88.7	33	0.6	7.5	8.9	0.7	2	5
125333	Rock	35.52	0.003	<0.1	<1	1.49	5	0.002	<0.01	0.001	<0.01	<0.1	0.6	<1	0.3	<0.1	<0.1	<0.1	<1	<1
125334	Drill Core	2.35	0.103	17.7	14	0.91	1097	0.202	7.06	0.064	5.09	0.6	78.3	36	0.4	7.5	7.5	0.6	1	5
125335	Drill Core	2.84	0.095	18.3	13	1.04	1028	0.224	7.02	0.057	3.72	0.7	81.0	37	0.5	8.1	8.7	0.7	1	5
125336	Drill Core	1.91	0.107	19.9	19	1.06	50	0.126	6.74	0.137	2.64	0.4	26.9	43	2.1	8.5	2.3	0.1	1	9
125337	Drill Core	1.96	0.096	21.9	21	1.08	52	0.124	6.81	0.135	2.59	0.6	25.3	46	2.1	8.4	2.1	0.1	1	8
125338	Drill Core	1.15	0.076	8.8	15	0.63	52	0.086	4.86	0.076	2.21	0.9	19.5	20	2.4	5.2	1.8	<0.1	1	6
125339	Drill Core	2.33	0.126	12.4	24	1.02	132	0.136	7.25	0.086	2.56	0.3	28.4	29	1.7	8.6	2.2	0.2	1	10



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125310	Drill Core	2.7	72.9	0.6
125311	Drill Core	3.9	51.5	0.5
125312	Drill Core	3.1	62.1	0.4
125313	Drill Core	2.7	56.6	0.5
125314	Drill Core	3.0	57.3	0.7
125315	Drill Core	2.8	70.4	0.6
125316	Drill Core	2.2	78.3	0.7
125317	Drill Core	1.8	87.8	0.8
125318	Drill Core	1.5	72.5	0.6
125319	Drill Core	2.2	83.7	0.6
125320	Drill Core	2.1	78.2	0.4
125321	Drill Core	2.8	115.5	0.4
125322	Drill Core	3.2	89.1	0.4
125323	Drill Core	2.5	65.6	0.4
125324	Rock Pulp	2.1	171.2	0.8
125325	Drill Core	2.8	66.3	0.3
125326	Drill Core	3.3	70.6	0.4
125327	Drill Core	2.8	70.1	0.5
125328	Drill Core	2.8	72.8	0.5
125329	Drill Core	1.9	77.7	0.5
125330	Drill Core	1.6	53.7	0.7
125331	Drill Core	2.8	100.2	0.5
125332	Drill Core	<0.1	157.2	2.8
125333	Rock	<0.1	<0.1	<0.1
125334	Drill Core	<0.1	179.9	2.5
125335	Drill Core	<0.1	154.9	2.5
125336	Drill Core	2.8	93.0	0.9
125337	Drill Core	2.6	91.9	0.7
125338	Drill Core	2.6	82.9	0.6
125339	Drill Core	3.1	85.0	0.8



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125340	Drill Core	8.57	<0.005	0.5	18.7	24.2	145	0.4	9.2	6.7	993	2.25	11	3.6	<0.1	7.9	453	0.2	6.9	0.3
125341	Drill Core	4.64	0.005	0.5	53.6	20.7	123	0.7	9.0	9.1	743	2.18	28	4.1	<0.1	6.9	563	0.2	2.9	0.2
125342	Drill Core	2.91	<0.005	0.9	8.4	18.3	88	<0.1	12.7	16.6	975	4.91	6	1.8	<0.1	3.3	790	0.2	1.8	<0.1
125343	Drill Core	6.69	<0.005	0.2	7.3	23.0	122	0.1	7.7	6.2	729	2.06	6	3.2	<0.1	7.8	526	0.3	6.2	0.2
125344	Rock Pulp	0.14	0.430	146.7	3929	28.6	71	2.7	38.9	21.8	491	4.93	46	1.3	0.5	2.9	270	0.2	4.7	0.5
125345	Drill Core	7.65	0.068	9.9	3577	15.2	74	1.9	26.3	14.4	353	4.21	118	1.6	<0.1	4.3	710	0.2	5.7	0.3
125346	Drill Core	7.64	0.071	11.1	3434	11.0	60	1.2	38.0	18.0	289	4.73	15	0.9	<0.1	4.9	749	0.2	0.7	0.2
125347	Drill Core	7.41	0.073	17.2	3587	18.2	95	1.5	47.7	14.7	388	4.15	11	0.8	<0.1	5.8	497	0.5	1.3	0.3
125348	Rock	0.38	<0.005	0.2	10.8	<0.1	1	<0.1	<0.1	<0.2	25	<0.01	6	1.4	<0.1	<0.1	4048	<0.1	<0.1	<0.1
125349	Drill Core	8.45	0.100	16.0	4661	45.8	109	1.7	49.5	14.2	480	3.63	27	1.2	0.1	6.5	291	0.5	2.0	0.4
125350	Drill Core	7.94	<0.005	0.5	21.5	25.0	132	0.4	9.5	5.3	707	2.01	13	3.1	<0.1	7.4	1047	0.4	4.5	0.3
125351	Drill Core	7.26	<0.005	0.4	14.1	21.2	136	<0.1	9.1	6.1	813	2.06	14	2.4	<0.1	7.7	993	0.2	3.2	0.2
125352	Drill Core	4.38	<0.005	0.4	10.5	25.2	126	<0.1	7.3	5.6	776	2.16	7	3.6	<0.1	8.6	948	0.3	5.1	0.2
125353	Drill Core	7.42	0.079	12.2	3969	24.5	131	2.3	31.5	13.6	777	4.29	440	0.8	0.1	5.0	400	0.5	53.9	0.7
125354	Drill Core	6.93	0.056	5.8	2000	34.2	173	1.8	16.7	11.2	918	3.79	149	1.9	<0.1	5.9	991	0.7	76.8	0.5
125355	Drill Core	2.96	0.041	7.4	1787	36.3	170	1.6	18.4	11.0	900	3.70	165	1.8	<0.1	5.6	1169	0.9	80.7	0.3
125356	Drill Core	7.28	0.081	20.3	3444	64.2	219	1.7	41.6	11.9	897	4.20	207	1.0	<0.1	7.6	385	1.0	11.7	0.3
125357	Drill Core	7.98	0.057	31.7	3307	142.7	454	5.5	41.5	12.4	823	3.51	383	1.5	<0.1	7.8	500	3.0	58.1	0.3
125358	Drill Core	6.82	<0.005	0.9	25.2	87.1	226	0.4	3.8	1.5	893	1.18	16	9.1	<0.1	17.2	199	1.0	5.9	0.5
125359	Drill Core	6.04	<0.005	1.6	33.8	133.3	418	1.0	3.8	1.7	1236	0.94	25	11.0	<0.1	17.3	173	2.1	9.5	0.4
125360	Drill Core	8.30	0.083	12.0	4018	202.0	502	5.5	23.5	12.2	1367	4.11	80	1.1	<0.1	4.2	296	3.1	19.6	0.5
125361	Drill Core	7.47	0.089	9.8	3939	29.2	128	1.9	18.2	10.7	718	3.21	6	1.2	<0.1	3.9	987	0.8	2.2	0.3
125362	Drill Core	7.55	0.101	7.9	5061	13.1	56	1.9	18.2	11.7	321	4.17	3	1.2	0.2	4.2	592	<0.1	0.6	0.2
125363	Drill Core	6.76	0.149	7.3	4700	221.7	1499	6.8	16.8	12.0	773	4.37	21	1.0	0.1	4.0	421	8.9	28.2	0.5
125364	Drill Core	6.19	0.113	6.1	4264	38.2	101	2.3	14.6	9.5	526	3.31	8	0.9	<0.1	3.9	522	0.7	2.7	0.1
125365	Rock Pulp	0.14	0.871	140.5	3414	47.3	116	3.0	23.8	18.6	511	4.70	58	1.1	2.0	2.8	240	0.6	7.8	0.6
125366	Drill Core	5.70	0.112	6.7	5235	45.3	64	2.8	17.1	10.3	471	3.59	19	2.0	<0.1	4.1	737	0.1	4.2	0.2
125367	Drill Core	6.57	0.009	0.7	98.0	35.6	156	0.2	9.5	6.7	599	2.08	17	3.5	<0.1	8.4	516	0.3	7.0	0.2
125368	Drill Core	7.64	<0.005	0.5	18.0	52.2	218	0.8	8.7	6.7	787	2.21	7	4.5	<0.1	8.2	425	1.0	4.8	<0.1
125369	Drill Core	7.43	<0.005	0.7	9.8	32.9	193	0.5	9.9	7.5	757	2.22	8	3.5	<0.1	8.7	364	0.7	6.0	<0.1



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125340	Drill Core	2.42	0.089	16.5	11	0.83	984	0.212	6.92	0.072	3.99	0.8	88.9	33	0.6	7.8	8.9	0.7	1	5
125341	Drill Core	2.50	0.100	16.3	13	0.94	996	0.242	6.96	0.099	3.70	0.7	87.3	35	0.6	8.2	8.1	0.6	2	6
125342	Drill Core	4.02	0.208	19.1	18	1.62	561	0.605	8.02	0.101	3.97	0.5	103.0	41	1.0	11.1	8.5	0.4	<1	14
125343	Drill Core	2.33	0.088	15.6	10	0.86	897	0.213	6.65	0.085	3.73	0.8	86.1	33	0.5	7.8	9.2	0.7	<1	5
125344	Rock Pulp	0.43	0.115	16.3	70	1.09	102	0.285	7.19	1.609	4.98	15.1	28.8	34	2.5	11.4	2.9	0.2	1	17
125345	Drill Core	1.84	0.099	18.3	24	1.07	139	0.140	6.68	1.454	2.18	0.2	32.9	41	1.2	8.6	2.8	0.2	1	9
125346	Drill Core	1.94	0.107	14.2	46	1.21	145	0.199	7.01	2.031	2.14	0.1	21.4	32	1.2	9.5	3.7	0.2	2	10
125347	Drill Core	1.44	0.056	14.4	85	1.13	76	0.169	6.87	1.301	3.77	0.2	11.9	32	1.2	6.6	3.0	0.1	<1	13
125348	Rock	35.99	0.004	0.4	<1	1.52	6	0.004	0.03	0.004	<0.01	<0.1	0.5	<1	<0.1	0.2	<0.1	<0.1	<1	<1
125349	Drill Core	1.77	0.059	18.9	90	1.13	122	0.160	7.40	0.498	3.66	0.4	15.1	41	1.5	6.5	2.5	0.2	<1	14
125350	Drill Core	2.17	0.093	16.6	12	0.86	954	0.216	6.89	0.045	2.94	0.8	75.1	34	0.8	7.3	8.5	0.6	2	5
125351	Drill Core	2.48	0.098	17.2	12	0.93	1037	0.218	7.00	0.045	3.15	0.9	81.4	36	0.8	7.9	8.3	0.7	<1	5
125352	Drill Core	1.99	0.085	18.4	11	0.79	832	0.174	6.84	0.043	2.96	1.0	78.8	37	0.5	7.7	7.3	0.6	1	5
125353	Drill Core	1.02	0.043	14.7	70	0.77	32	0.124	5.53	0.182	2.66	0.5	9.5	28	2.1	4.5	2.1	0.1	<1	9
125354	Drill Core	1.67	0.087	14.9	28	0.87	163	0.190	6.37	0.411	2.48	0.8	33.9	30	0.9	6.6	5.0	0.3	2	7
125355	Drill Core	1.65	0.088	14.4	30	0.88	146	0.201	6.56	0.490	2.58	0.7	34.0	28	0.8	6.6	5.2	0.4	<1	7
125356	Drill Core	1.86	0.047	15.4	75	1.10	105	0.181	7.40	0.104	3.22	0.8	14.4	32	1.8	6.8	2.8	0.2	1	13
125357	Drill Core	2.39	0.048	26.6	73	1.16	125	0.202	7.00	0.071	2.96	0.8	14.3	53	1.8	7.5	3.9	0.2	<1	13
125358	Drill Core	1.25	0.026	13.0	4	0.51	459	0.065	6.35	0.050	3.31	1.1	48.3	24	0.6	8.2	12.1	1.2	1	2
125359	Drill Core	1.13	0.027	12.6	3	0.45	517	0.064	6.30	0.056	3.67	1.2	50.3	24	0.6	8.4	13.0	1.3	2	2
125360	Drill Core	2.06	0.101	9.4	36	1.18	156	0.255	6.92	0.770	2.69	0.6	19.2	21	1.4	9.6	4.7	0.3	2	9
125361	Drill Core	2.26	0.103	10.5	28	1.25	442	0.279	7.19	1.584	2.33	0.3	31.2	21	1.1	10.0	5.2	0.3	<1	9
125362	Drill Core	1.98	0.105	13.7	31	1.30	180	0.278	6.86	2.390	1.87	0.2	31.6	28	1.6	9.2	5.8	0.3	1	9
125363	Drill Core	2.17	0.099	12.2	28	1.21	44	0.226	6.58	0.984	2.37	0.5	26.6	26	1.9	8.1	4.3	0.2	<1	9
125364	Drill Core	2.02	0.090	10.8	27	1.18	332	0.262	6.56	1.881	1.99	0.2	26.0	23	1.3	7.5	5.0	0.3	1	8
125365	Rock Pulp	0.44	0.099	15.3	44	0.80	289	0.247	6.66	1.094	3.67	23.6	22.4	30	2.6	11.2	3.4	0.2	1	12
125366	Drill Core	2.18	0.094	12.5	29	1.27	375	0.281	6.79	1.880	2.28	0.3	33.5	25	1.5	8.5	5.6	0.3	<1	9
125367	Drill Core	2.39	0.082	18.4	10	0.90	954	0.216	7.00	0.082	3.36	0.9	82.1	35	0.5	7.6	8.4	0.6	2	5
125368	Drill Core	2.56	0.087	19.3	11	0.95	988	0.220	6.97	0.049	3.34	0.8	76.9	36	0.7	7.7	8.4	0.6	1	5
125369	Drill Core	2.69	0.090	19.7	11	0.98	1116	0.235	7.33	0.062	3.88	0.8	84.6	38	0.6	8.4	9.0	0.7	1	5



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Project: Poplar Drilling
Report Date: January 17, 2012

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CERTIFICATE OF ANALYSIS

SMI11000787.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125340	Drill Core	<0.1	157.9	2.7
125341	Drill Core	0.1	149.3	2.5
125342	Drill Core	<0.1	123.2	2.5
125343	Drill Core	<0.1	143.7	2.5
125344	Rock Pulp	2.2	146.9	0.8
125345	Drill Core	1.7	75.6	0.9
125346	Drill Core	2.1	69.0	0.6
125347	Drill Core	2.0	85.3	0.4
125348	Rock	0.1	<0.1	<0.1
125349	Drill Core	1.9	89.1	0.5
125350	Drill Core	<0.1	118.9	2.5
125351	Drill Core	<0.1	131.6	2.5
125352	Drill Core	<0.1	132.7	2.4
125353	Drill Core	2.9	75.1	0.3
125354	Drill Core	1.5	87.5	1.2
125355	Drill Core	1.6	87.8	1.1
125356	Drill Core	2.0	106.3	0.4
125357	Drill Core	1.9	111.8	0.5
125358	Drill Core	<0.1	146.9	2.5
125359	Drill Core	<0.1	164.8	2.5
125360	Drill Core	1.9	114.9	0.6
125361	Drill Core	1.3	98.5	0.9
125362	Drill Core	1.9	83.9	0.9
125363	Drill Core	3.0	88.4	0.7
125364	Drill Core	1.4	82.8	0.7
125365	Rock Pulp	2.4	89.1	0.7
125366	Drill Core	1.5	85.7	0.8
125367	Drill Core	<0.1	151.6	2.5
125368	Drill Core	<0.1	149.5	2.6
125369	Drill Core	<0.1	163.4	2.4



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QUALITY CONTROL REPORT

SMI11000787.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
REP G1	QC			0.5	2.3	21.5	50	<0.1	3.7	5.2	671	2.31	<1	2.5	<0.1	7.9	581	<0.1	0.2	0.1	49
125252	Drill Core	6.62	<0.005	0.7	20.1	35.9	157	0.4	9.1	6.2	1231	2.02	8	2.8	<0.1	7.5	524	0.6	3.8	0.3	51
REP 125252	QC	<0.005																			
125314	Drill Core	6.84	0.045	29.5	2021	8.0	34	0.5	26.4	20.3	230	3.93	2	0.8	<0.1	3.4	823	0.2	0.1	0.3	106
REP 125314	QC	0.040																			
125340	Drill Core	8.57	<0.005	0.5	18.7	24.2	145	0.4	9.2	6.7	993	2.25	11	3.6	<0.1	7.9	453	0.2	6.9	0.3	56
REP 125340	QC			0.4	16.4	24.0	147	0.3	8.9	6.4	995	2.23	10	3.6	<0.1	8.2	442	0.3	7.1	0.3	55
125342	Drill Core	2.91	<0.005	0.9	8.4	18.3	88	<0.1	12.7	16.6	975	4.91	6	1.8	<0.1	3.3	790	0.2	1.8	<0.1	167
REP 125342	QC	<0.005																			
125353	Drill Core	7.42	0.079	12.2	3969	24.5	131	2.3	31.5	13.6	777	4.29	440	0.8	0.1	5.0	400	0.5	53.9	0.7	81
REP 125353	QC			11.3	3815	24.9	129	2.4	31.5	12.6	767	4.19	434	0.8	<0.1	4.6	386	0.4	52.5	0.6	80
REP 125364	QC	0.098																			
Core Reject Duplicates																					
125259	Drill Core	2.72	<0.005	3.2	99.2	29.2	108	0.3	33.7	9.8	486	4.74	1	0.9	<0.1	4.4	219	0.8	0.5	0.2	76
DUP 125259	QC	<0.005		3.2	94.8	28.5	103	0.4	33.8	9.5	481	4.67	1	0.9	<0.1	4.2	220	0.5	0.6	0.2	78
125294	Drill Core	8.14	0.022	43.2	1177	18.8	83	0.6	78.2	23.2	424	4.28	16	2.2	<0.1	7.6	240	0.3	1.4	0.2	171
DUP 125294	QC	0.025		44.9	1167	18.4	88	0.6	79.4	22.5	419	4.27	16	2.7	<0.1	7.8	239	0.5	1.8	0.2	167
125329	Drill Core	5.45	0.072	27.4	2637	32.5	87	1.0	50.8	12.5	334	3.48	53	1.3	<0.1	6.5	452	0.5	7.2	0.3	119
DUP 125329	QC	0.061		29.4	2670	35.6	93	1.0	50.2	12.4	367	3.82	48	1.3	<0.1	6.5	485	0.4	8.0	0.3	122
125364	Drill Core	6.19	0.113	6.1	4264	38.2	101	2.3	14.6	9.5	526	3.31	8	0.9	<0.1	3.9	522	0.7	2.7	0.1	80
DUP 125364	QC	0.096		5.5	4317	38.2	104	2.3	14.2	10.8	555	3.24	9	0.9	0.1	3.9	547	0.5	2.6	0.2	80
Reference Materials																					
STD OREAS24P	Standard			1.4	49.4	2.7	111	<0.1	142.8	44.3	1092	7.16	2	0.7	<0.1	2.8	323	0.3	<0.1	<0.1	159
STD OREAS24P	Standard			1.7	57.5	2.7	105	<0.1	139.4	43.9	1066	7.11	4	0.6	<0.1	2.9	387	0.2	0.3	0.1	147
STD OREAS24P	Standard			1.2	46.4	2.7	112	<0.1	130.1	43.3	1057	7.10	2	0.6	<0.1	2.6	362	<0.1	<0.1	<0.1	160
STD OREAS24P	Standard			1.5	48.0	2.8	109	<0.1	145.7	45.8	1101	7.26	2	0.7	<0.1	2.8	374	<0.1	<0.1	<0.1	153
STD OREAS24P	Standard			1.3	48.2	2.5	105	<0.1	141.0	43.9	1084	7.58	2	0.7	<0.1	2.9	402	<0.1	0.1	<0.1	170
STD OREAS45C	Standard			2.2	582.5	23.3	73	0.3	312.8	93.3	1079	16.87	9	2.1	<0.1	10.1	33	<0.1	0.9	0.2	251



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Project: Poplar Drilling
Report Date: January 17, 2012

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
REP G1	QC	2.37	0.073	22.1	13	0.54	1080	0.268	6.91	3.156	3.43	<0.1	11.0	47	1.7	13.4	24.2	1.3	2	4	36.6
125252	Drill Core	2.04	0.086	14.5	11	0.81	873	0.245	6.45	0.053	1.95	0.9	82.1	28	0.7	8.0	9.5	0.7	1	4	36.2
REP 125252																					
125314	Drill Core	2.89	0.134	14.5	39	1.55	74	0.278	6.75	2.139	1.80	<0.1	25.2	32	1.3	11.8	3.5	0.2	1	9	13.2
REP 125314																					
125340	Drill Core	2.42	0.089	16.5	11	0.83	984	0.212	6.92	0.072	3.99	0.8	88.9	33	0.6	7.8	8.9	0.7	1	5	39.2
REP 125340	QC	2.41	0.085	17.4	11	0.84	991	0.213	7.02	0.072	3.95	0.9	84.2	35	0.6	7.9	9.2	0.7	1	5	38.0
125342	Drill Core	4.02	0.208	19.1	18	1.62	561	0.605	8.02	0.101	3.97	0.5	103.0	41	1.0	11.1	8.5	0.4	<1	14	431.1
REP 125342																					
125353	Drill Core	1.02	0.043	14.7	70	0.77	32	0.124	5.53	0.182	2.66	0.5	9.5	28	2.1	4.5	2.1	0.1	<1	9	24.0
REP 125353	QC	1.04	0.045	13.4	68	0.76	39	0.119	5.37	0.180	2.62	0.4	9.6	27	1.8	4.7	2.1	0.1	1	9	22.4
REP 125364																					
Core Reject Duplicates																					
125259	Drill Core	2.73	0.121	13.4	21	1.01	75	0.065	7.17	0.614	1.70	<0.1	15.7	30	0.5	6.7	1.0	<0.1	<1	7	16.2
DUP 125259	QC	2.52	0.109	11.5	19	0.95	66	0.059	6.69	0.538	1.55	<0.1	14.6	26	0.5	6.2	0.9	<0.1	<1	7	15.9
125294	Drill Core	2.01	0.088	26.2	104	1.23	910	0.189	9.07	0.334	3.07	1.5	87.6	56	1.8	11.9	2.2	0.2	2	20	19.7
DUP 125294	QC	2.07	0.092	27.2	94	1.23	1313	0.188	8.88	0.336	3.01	0.7	70.0	57	1.4	11.6	4.0	0.2	2	20	19.2
125329	Drill Core	1.34	0.069	18.8	93	1.19	110	0.193	7.12	1.515	3.63	0.3	15.8	41	1.5	7.0	3.2	0.2	1	14	13.8
DUP 125329	QC	1.46	0.078	19.8	92	1.23	81	0.195	7.71	1.513	3.81	0.2	16.8	44	1.4	7.3	3.3	0.2	2	15	13.5
125364	Drill Core	2.02	0.090	10.8	27	1.18	332	0.262	6.56	1.881	1.99	0.2	26.0	23	1.3	7.5	5.0	0.3	1	8	15.7
DUP 125364	QC	2.09	0.086	11.3	28	1.18	381	0.261	6.85	1.873	2.23	0.2	26.7	23	1.3	7.8	4.8	0.3	1	8	16.5
Reference Materials																					
STD OREAS24P	Standard	5.65	0.119	18.4	193	4.24	270	1.074	7.57	2.659	0.61	0.4	122.6	35	1.4	22.4	18.5	1.0	<1	21	7.4
STD OREAS24P	Standard	5.59	0.126	18.1	186	3.86	249	1.036	7.31	2.381	0.65	0.4	125.0	36	1.5	20.2	18.1	1.1	1	20	7.6
STD OREAS24P	Standard	5.38	0.133	16.6	190	3.94	257	0.992	7.43	2.416	0.63	0.3	130.2	35	1.4	20.7	18.7	1.0	1	20	6.9
STD OREAS24P	Standard	5.75	0.127	17.4	219	3.95	260	1.041	7.55	2.347	0.64	0.4	126.2	36	1.6	23.9	17.4	1.0	1	19	7.4
STD OREAS24P	Standard	5.55	0.135	17.6	214	4.09	273	1.067	7.45	2.450	0.66	0.5	135.3	37	1.5	21.1	18.8	1.1	1	20	7.7
STD OREAS45C	Standard	0.43	0.041	23.6	864	0.24	253	1.122	6.97	0.094	0.30	0.9	148.3	46	2.7	12.3	19.8	1.3	1	57	13.1



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Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

SMI11000787.2

	Method	1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
REP G1	QC	<0.1	92.7	0.7
125252	Drill Core	<0.1	55.5	2.5
REP 125252	QC			
125314	Drill Core	3.0	57.3	0.7
REP 125314	QC			
125340	Drill Core	<0.1	157.9	2.7
REP 125340	QC	<0.1	155.5	2.5
125342	Drill Core	<0.1	123.2	2.5
REP 125342	QC			
125353	Drill Core	2.9	75.1	0.3
REP 125353	QC	2.9	73.8	0.3
REP 125364	QC			
Core Reject Duplicates				
125259	Drill Core	3.3	41.5	0.6
DUP 125259	QC	3.4	34.1	0.5
125294	Drill Core	2.9	90.6	2.3
DUP 125294	QC	2.9	89.5	2.9
125329	Drill Core	1.9	77.7	0.5
DUP 125329	QC	2.1	86.0	0.4
125364	Drill Core	1.4	82.8	0.7
DUP 125364	QC	1.5	87.5	0.7
Reference Materials				
STD OREAS24P	Standard	<0.1	18.7	3.1
STD OREAS24P	Standard	<0.1	20.9	3.6
STD OREAS24P	Standard	<0.1	20.7	3.1
STD OREAS24P	Standard	<0.1	20.7	3.1
STD OREAS24P	Standard	<0.1	20.6	3.4
STD OREAS45C	Standard	<0.1	20.2	4.1



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS45C	Standard			2.2	588.9	23.1	66	0.3	309.0	98.8	1118	16.62	12	2.1	<0.1	10.4	26	0.1	1.3	0.3
STD OREAS45C	Standard			2.2	621.2	23.9	90	0.2	328.2	100.1	1136	17.62	12	2.3	<0.1	9.8	40	<0.1	0.6	0.2
STD OREAS45C	Standard			2.5	621.1	24.0	76	0.3	337.3	101.9	1183	17.04	11	2.3	<0.1	10.6	46	<0.1	0.9	0.3
STD OREAS45C	Standard			2.1	600.1	25.0	79	0.4	342.5	102.2	1113	18.42	11	2.5	<0.1	10.7	41	0.2	0.9	0.2
STD OXH82	Standard		1.314																	
STD OXH82	Standard		1.341																	
STD OXH82	Standard		1.304																	
STD OXH82	Standard		1.287																	
STD OXK79	Standard		3.623																	
STD OXK79	Standard		3.720																	
STD OXK79	Standard		3.570																	
STD OXK79	Standard		3.489																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
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BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				



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880 - 609 Granville St.

Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: January 17, 2012

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QUALITY CONTROL REPORT

SMI11000787.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS45C	Standard	0.44	0.049	25.4	918	0.27	255	1.155	6.82	0.102	0.32	0.9	150.0	49	2.5	11.7	20.7	1.3	<1	58	14.2
STD OREAS45C	Standard	0.49	0.053	24.4	944	0.26	283	1.119	6.98	0.106	0.35	1.3	172.4	53	2.8	12.8	21.8	1.3	<1	62	17.0
STD OREAS45C	Standard	0.47	0.051	25.3	813	0.27	275	1.187	7.27	0.101	0.34	1.1	154.9	51	2.7	13.4	20.4	1.3	<1	59	16.2
STD OREAS45C	Standard	0.48	0.049	25.4	948	0.25	282	1.132	6.90	0.093	0.35	1.1	169.6	52	3.0	11.7	22.4	1.4	<1	59	15.8
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					



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Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000787.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C	Standard	<0.1	21.8	3.8
STD OREAS45C	Standard	<0.1	23.7	4.3
STD OREAS45C	Standard	<0.1	20.1	4.1
STD OREAS45C	Standard	<0.1	23.4	4.5
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				



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QUALITY CONTROL REPORT

SMI11000787.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
G1	Prep Blank	<0.005																		
G1	Prep Blank	<0.005																		
G1	Prep Blank	<0.005																		



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QUALITY CONTROL REPORT

SMI11000787.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
G1	Prep Blank																				
G1	Prep Blank	2.30	0.066	21.7	12	0.53	1070	0.267	6.67	3.067	3.36	0.2	10.5	46	1.3	12.9	24.2	1.2	3	4	37.1
G1	Prep Blank	2.27	0.070	21.4	12	0.53	1017	0.253	6.84	2.929	3.24	0.1	9.8	44	1.6	13.2	23.5	1.2	2	4	34.1



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QUALITY CONTROL REPORT

SMI11000787.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
G1	Prep Blank			
G1	Prep Blank	<0.1	96.7	0.5
G1	Prep Blank	<0.1	94.6	0.6



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 28, 2011
Report Date: December 23, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000788.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_108_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: December 23, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125370	Rock	0.92	<0.005	<0.1	1.3	0.5	13	<0.1	0.9	0.6	215	0.42	7	0.3	<0.1	<0.1	28	0.1	<0.1	<0.1
125371	Drill Core	4.61	<0.005	3.2	514.7	333.0	2300	3.5	8.9	7.2	1125	2.21	123	6.6	<0.1	8.2	391	13.5	40.5	0.3
125372	Drill Core	7.38	0.084	6.4	5948	46.6	141	3.9	23.4	13.6	751	4.33	66	1.5	0.1	3.9	207	0.7	8.7	0.3
125373	Drill Core	6.99	0.111	6.7	6525	51.2	118	4.3	23.4	13.9	538	4.62	4	0.8	0.1	3.8	129	0.6	4.2	0.3
125374	Drill Core	7.43	0.038	4.6	3312	23.1	99	2.2	9.1	11.5	544	4.00	25	1.1	<0.1	4.0	916	0.4	1.9	0.2
125375	Drill Core	6.84	0.027	2.7	2421	29.5	208	2.6	5.9	9.1	2428	3.90	67	1.2	<0.1	4.7	314	0.7	6.7	0.3
125376	Drill Core	7.69	0.050	9.3	4766	284.4	1216	7.9	33.0	10.5	2676	4.21	1030	0.9	0.1	3.6	392	6.9	229.1	0.9
125377	Drill Core	7.13	0.131	13.1	7795	437.4	2282	22.6	28.6	11.6	2840	4.11	787	0.8	0.2	3.9	306	13.2	90.3	1.9
125378	Drill Core	3.12	0.158	49.0	8555	415.3	2186	25.1	33.1	11.8	3017	4.23	697	0.6	0.3	3.1	384	12.9	109.5	1.9
125379	Drill Core	7.95	0.154	9.8	7522	309.5	1534	25.8	29.6	13.5	>10000	4.15	833	0.5	0.2	3.2	567	7.3	112.5	1.3
125380	Drill Core	6.17	0.198	5.0	9310	263.9	966	9.0	26.7	12.8	2414	4.16	187	0.5	0.4	3.8	325	5.2	51.7	0.6
125381	Drill Core	7.20	0.202	2.2	8295	112.2	439	3.4	11.5	15.9	1733	4.94	16	1.0	0.3	3.9	338	2.6	11.6	0.2
125382	Drill Core	7.07	0.132	3.3	5165	28.0	103	1.1	8.1	12.4	574	4.11	5	1.0	0.1	4.0	664	0.5	1.0	<0.1
125383	Drill Core	6.51	0.121	5.1	6449	11.0	56	0.8	9.1	12.3	424	4.50	25	1.0	0.1	3.8	460	0.2	16.3	<0.1
125384	Drill Core	7.31	0.088	3.3	4797	11.5	125	1.7	8.3	13.4	708	5.58	177	1.0	<0.1	4.0	422	0.3	93.6	0.2
125385	Rock Pulp	0.10	1.016	358.3	3354	25.2	62	1.8	32.8	10.1	657	3.69	15	0.8	0.8	1.9	233	0.4	5.0	0.6
125386	Drill Core	7.61	0.079	5.0	4435	6.7	42	1.2	7.2	11.5	268	5.56	81	0.7	0.1	4.3	539	<0.1	14.0	0.2
125387	Drill Core	7.32	0.095	4.0	4602	21.3	60	1.8	8.6	11.7	313	5.34	4	1.0	0.3	4.3	538	0.1	0.9	0.3
125388	Drill Core	8.33	0.128	5.1	5839	9.5	37	1.7	9.7	12.5	197	5.52	2	0.9	0.1	4.4	494	<0.1	0.4	0.2
125389	Drill Core	8.40	0.084	3.8	4452	64.3	190	2.8	8.9	12.3	1887	6.26	36	0.9	0.1	4.1	381	1.1	4.0	0.2
125390	Rock	0.81	<0.005	<0.1	12.5	0.7	14	<0.1	1.7	1.0	236	0.47	4	0.4	<0.1	<0.1	38	<0.1	<0.1	<0.1
125391	Drill Core	8.19	0.082	8.8	4657	62.0	279	2.1	8.1	13.4	513	6.96	58	0.8	<0.1	3.5	451	1.3	11.0	0.2
125392	Drill Core	7.08	0.075	5.7	4011	18.6	97	1.7	11.9	13.4	668	7.10	38	0.9	<0.1	3.9	443	0.4	12.2	0.2
125393	Drill Core	7.28	0.007	7.1	1162	9.2	35	0.5	6.5	9.2	307	4.02	4	1.1	<0.1	4.3	838	<0.1	0.5	0.1
125394	Drill Core	7.45	0.040	5.7	2153	16.8	52	0.8	10.2	11.8	279	5.39	12	0.8	<0.1	4.2	551	0.2	1.0	0.2
125395	Drill Core	7.36	0.146	1.7	4579	48.6	121	2.0	11.2	13.6	274	9.05	30	0.5	0.5	2.5	380	0.6	1.9	0.3
125396	Drill Core	3.54	0.125	1.8	4727	65.9	203	2.1	12.9	16.2	313	8.15	45	0.5	0.1	2.5	377	1.2	1.8	0.3
125397	Drill Core	8.60	0.052	2.5	1929	156.4	1462	3.8	8.2	11.4	5614	5.72	147	0.8	<0.1	3.5	394	8.5	7.3	0.6
125398	Drill Core	7.28	0.009	43.4	739.0	34.7	145	0.7	5.2	9.6	995	3.82	24	1.8	<0.1	5.4	243	0.9	3.5	0.4
125399	Drill Core	6.80	0.008	48.3	602.4	12.7	44	0.6	4.6	6.6	443	3.45	56	2.0	<0.1	5.9	344	0.1	3.8	0.3



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Report Date: December 23, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125370	Rock	20.31	0.014	0.3	<1	11.91	13	<0.001	<0.01	0.005	0.04	<0.1	<0.1	<1	0.1	0.7	0.3	<0.1	<1	<1
125371	Drill Core	3.35	0.086	18.2	10	1.13	1034	0.210	7.12	0.058	3.06	1.7	84.9	37	0.6	8.6	9.3	0.7	2	5
125372	Drill Core	2.61	0.127	10.8	36	1.59	383	0.326	7.35	0.293	2.43	0.6	34.7	25	1.7	10.4	7.5	0.4	2	11
125373	Drill Core	2.12	0.139	9.4	36	1.58	449	0.309	6.82	0.302	2.18	0.4	29.5	22	1.6	9.9	7.3	0.4	1	11
125374	Drill Core	2.10	0.115	10.3	13	1.00	135	0.212	6.89	1.047	2.42	0.4	25.2	24	1.5	8.0	5.0	0.3	1	6
125375	Drill Core	2.52	0.128	13.5	8	1.15	644	0.214	7.39	0.083	2.86	1.0	31.6	29	1.4	8.0	5.6	0.3	2	6
125376	Drill Core	0.80	0.037	8.1	71	0.65	68	0.136	4.83	0.054	2.55	1.5	9.7	18	2.2	4.1	2.9	0.2	<1	8
125377	Drill Core	0.75	0.039	9.3	73	0.64	445	0.141	4.89	0.090	2.66	1.4	9.1	22	3.0	3.9	2.5	0.2	1	9
125378	Drill Core	1.05	0.037	8.1	64	0.73	55	0.142	5.58	0.091	2.87	1.0	7.3	20	2.9	4.2	2.5	0.2	1	11
125379	Drill Core	1.28	0.038	9.1	64	0.79	383	0.199	5.91	0.200	3.13	3.2	5.9	21	1.4	5.0	3.6	0.2	<1	12
125380	Drill Core	0.83	0.035	8.3	62	0.84	94	0.209	5.60	1.095	3.25	0.7	7.0	19	1.6	3.7	5.1	0.3	1	10
125381	Drill Core	2.12	0.088	8.1	14	0.87	185	0.194	6.11	0.995	2.69	0.6	17.6	17	1.4	6.2	4.3	0.3	<1	5
125382	Drill Core	1.64	0.098	8.2	14	0.77	161	0.194	6.35	2.226	2.56	0.3	19.2	17	1.7	6.3	4.7	0.3	<1	5
125383	Drill Core	1.50	0.093	7.1	14	0.70	106	0.170	6.05	1.196	2.32	0.6	16.9	16	1.4	6.5	4.2	0.3	<1	6
125384	Drill Core	1.74	0.108	7.5	11	0.82	109	0.171	6.42	0.594	3.16	0.6	19.1	18	1.6	8.1	4.6	0.3	2	5
125385	Rock Pulp	1.57	0.052	7.7	42	0.82	533	0.276	4.99	2.135	0.94	1.5	41.1	18	2.3	13.2	4.0	0.2	<1	10
125386	Drill Core	1.55	0.112	6.9	13	0.78	144	0.157	6.14	1.416	3.18	0.2	16.5	18	1.2	8.1	4.9	0.3	<1	5
125387	Drill Core	1.21	0.131	8.7	14	0.78	106	0.170	6.32	1.618	3.70	0.2	17.3	22	1.4	9.9	4.9	0.4	<1	5
125388	Drill Core	1.27	0.116	8.3	14	0.83	99	0.175	6.50	1.838	3.55	0.2	18.4	20	1.3	8.9	5.4	0.4	<1	5
125389	Drill Core	1.53	0.110	6.8	11	0.81	87	0.166	5.89	1.129	2.81	0.3	17.9	18	1.3	8.1	4.6	0.3	1	5
125390	Rock	20.03	0.013	0.2	<1	11.34	15	<0.001	<0.01	0.002	0.01	0.1	0.2	<1	0.1	0.5	<0.1	<0.1	<1	<1
125391	Drill Core	1.54	0.087	6.1	12	0.77	83	0.146	6.08	1.540	3.03	0.2	13.8	16	1.1	7.1	4.3	0.3	<1	5
125392	Drill Core	1.40	0.081	6.4	18	0.73	106	0.154	6.19	1.798	3.00	0.2	16.9	16	0.9	7.5	4.5	0.3	2	5
125393	Drill Core	2.21	0.126	12.3	13	0.77	91	0.202	6.82	2.726	2.31	0.2	14.5	30	1.1	8.8	5.7	0.4	2	5
125394	Drill Core	1.49	0.088	6.9	15	0.71	114	0.165	6.40	1.942	2.76	0.2	12.1	17	0.9	6.7	5.6	0.4	1	5
125395	Drill Core	0.96	0.038	4.0	14	0.51	129	0.099	5.34	1.684	2.71	0.2	9.4	9	1.0	3.0	2.8	0.2	1	5
125396	Drill Core	0.96	0.043	3.3	17	0.51	64	0.106	5.24	1.668	2.73	0.2	10.5	8	1.0	3.2	3.1	0.2	1	4
125397	Drill Core	1.51	0.088	6.9	11	0.72	84	0.163	5.94	1.135	2.95	0.8	13.4	17	1.0	6.2	4.7	0.3	1	5
125398	Drill Core	3.10	0.110	14.1	11	1.03	87	0.157	7.37	0.350	2.79	0.4	24.4	34	2.5	9.0	4.6	0.3	1	6
125399	Drill Core	1.97	0.096	15.9	9	0.87	95	0.119	7.51	0.646	3.17	0.6	25.4	37	2.8	8.7	3.4	0.3	2	5



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125370	Rock	<0.1	4.0	<0.1
125371	Drill Core	0.2	133.5	2.4
125372	Drill Core	1.3	99.5	1.0
125373	Drill Core	1.5	59.7	0.8
125374	Drill Core	1.8	67.2	0.9
125375	Drill Core	1.2	123.9	0.8
125376	Drill Core	3.1	99.4	0.2
125377	Drill Core	3.6	91.9	0.4
125378	Drill Core	3.6	100.0	0.2
125379	Drill Core	2.1	133.9	0.2
125380	Drill Core	2.1	94.1	0.3
125381	Drill Core	2.4	71.1	0.6
125382	Drill Core	1.8	61.4	0.6
125383	Drill Core	2.2	56.7	0.6
125384	Drill Core	2.2	71.9	0.6
125385	Rock Pulp	0.3	23.1	1.3
125386	Drill Core	1.5	64.3	0.5
125387	Drill Core	1.9	78.6	0.6
125388	Drill Core	1.9	73.6	0.7
125389	Drill Core	2.0	74.1	0.6
125390	Rock	<0.1	0.3	<0.1
125391	Drill Core	2.2	70.0	0.5
125392	Drill Core	2.1	68.2	0.5
125393	Drill Core	2.1	56.7	0.5
125394	Drill Core	1.8	61.0	0.5
125395	Drill Core	2.1	57.9	0.3
125396	Drill Core	2.5	60.0	0.4
125397	Drill Core	2.1	89.2	0.4
125398	Drill Core	3.0	75.4	0.9
125399	Drill Core	2.8	88.1	0.9



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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125400	Drill Core	7.36	0.013	3.4	767.1	12.2	68	0.6	4.3	9.7	623	3.08	129	2.0	<0.1	6.6	330	0.3	5.7	0.2
125401	Drill Core	7.45	0.022	6.6	463.8	169.9	870	2.8	7.0	8.7	4607	4.41	95	2.0	<0.1	5.9	291	5.2	10.8	0.8
125402	Drill Core	6.95	0.014	9.9	490.3	34.3	148	0.9	7.1	7.3	951	3.26	78	2.1	<0.1	5.9	634	0.7	12.7	0.2
125403	Drill Core	7.22	0.013	5.1	381.7	110.9	397	1.0	4.8	8.1	2522	3.75	89	2.6	<0.1	6.1	411	2.4	47.8	0.4
125404	Drill Core	7.56	0.009	4.0	357.0	135.3	466	1.2	5.4	9.9	4119	3.77	73	2.8	<0.1	6.2	565	2.8	74.4	0.3
125405	Drill Core	7.58	0.012	9.7	330.8	75.0	200	0.6	5.5	11.0	1738	3.82	64	2.7	<0.1	6.2	593	1.3	66.9	0.3
125406	Drill Core	7.41	0.010	8.0	506.0	54.6	192	0.7	4.8	10.3	1424	3.51	86	2.2	<0.1	5.8	834	1.3	17.8	0.3
125407	Rock Pulp	0.08	0.949	23.1	5303	6496	>10000	34.1	45.8	20.0	588	8.86	279	2.5	0.9	2.3	162	232.6	119.4	29.7
125408	Drill Core	7.74	0.010	12.8	403.0	111.6	508	1.0	5.6	9.8	2444	3.35	69	2.1	<0.1	5.4	718	3.5	14.4	0.3
125409	Drill Core	4.31	0.009	7.1	318.4	111.9	496	1.1	6.1	11.1	1416	3.93	65	1.8	<0.1	5.2	922	2.8	25.3	0.2
125410	Drill Core	7.48	<0.005	2.3	111.3	45.2	185	0.5	15.0	11.2	1933	3.30	40	2.6	<0.1	4.5	917	0.5	30.4	0.2
125411	Drill Core	7.43	0.018	5.1	702.5	46.5	131	0.6	6.0	8.9	1311	3.49	28	2.1	<0.1	5.5	843	0.5	4.1	0.4
125412	Drill Core	3.08	0.016	2.8	795.9	45.1	132	0.6	5.7	10.5	1171	3.70	14	2.0	<0.1	5.6	828	0.7	3.3	0.2
125413	Drill Core	3.14	0.013	37.5	430.5	55.8	360	0.2	8.7	11.0	758	4.03	6	3.9	<0.1	4.9	305	1.4	3.6	0.4
125414	Drill Core	6.40	0.009	13.3	339.0	40.1	147	0.3	8.1	10.4	416	3.89	1	2.9	<0.1	4.7	404	0.9	0.6	0.5
125415	Drill Core	5.44	0.018	43.1	430.1	20.5	69	<0.1	7.9	9.1	161	3.84	14	3.2	<0.1	5.0	433	0.2	2.0	0.4
125416	Rock	0.77	<0.005	<0.1	0.7	1.0	14	<0.1	2.0	0.5	226	0.53	3	0.7	<0.1	<0.1	42	0.1	<0.1	<0.1
125417	Drill Core	5.76	<0.005	0.8	3.7	28.7	72	<0.1	2.6	1.5	414	0.86	9	10.0	<0.1	16.9	137	0.3	1.9	0.4
125418	Drill Core	6.87	<0.005	0.9	3.1	77.2	151	<0.1	3.2	3.0	845	1.22	16	12.0	<0.1	13.9	208	0.8	1.0	0.1
125419	Drill Core	6.75	<0.005	0.8	2.2	30.3	116	<0.1	1.9	1.8	506	0.94	14	10.8	<0.1	14.2	186	0.6	1.3	0.1
125420	Drill Core	3.78	<0.005	1.0	5.1	18.5	28	0.1	2.0	1.2	51	0.30	10	17.5	<0.1	14.3	210	<0.1	2.2	0.5
125421	Drill Core	7.13	0.019	17.7	627.7	54.7	152	0.2	7.3	16.7	481	4.64	24	4.3	<0.1	4.9	453	0.7	5.0	0.5
125422	Drill Core	3.92	0.022	5.8	481.5	92.9	197	0.2	9.3	15.3	421	5.01	16	1.8	<0.1	4.5	383	0.8	1.8	0.5
125423	Drill Core	3.83	<0.005	1.1	3.9	16.2	54	<0.1	1.7	1.6	489	0.87	7	10.7	<0.1	15.3	190	0.1	2.1	0.4
125424	Drill Core	5.83	<0.005	6.4	38.9	47.6	78	0.2	3.4	3.6	500	1.21	21	14.3	<0.1	11.3	341	0.5	2.5	0.7
125425	Rock Pulp	0.14	0.443	139.9	3739	27.6	70	1.1	38.0	21.3	456	4.56	43	1.5	0.3	2.7	244	0.3	4.1	0.5
125426	Drill Core	6.07	<0.005	0.6	11.7	20.2	51	<0.1	6.4	4.4	551	1.78	5	2.8	<0.1	7.2	523	0.2	1.2	0.3
125427	Drill Core	6.69	<0.005	1.1	16.1	16.9	57	<0.1	6.0	5.7	620	1.95	5	2.9	<0.1	7.0	443	0.1	0.9	0.2
125428	Drill Core	3.92	<0.005	0.9	13.4	15.6	60	<0.1	6.2	5.4	640	2.01	7	2.6	<0.1	7.1	455	0.3	1.6	0.2
125429	Drill Core	6.67	0.015	5.5	373.8	87.7	273	0.9	8.0	11.1	802	5.29	28	2.6	<0.1	4.1	494	2.4	7.1	0.3



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125400	Drill Core	2.04	0.122	14.9	10	0.90	153	0.151	7.39	0.720	2.86	0.4	28.6	34	1.8	8.7	4.9	0.3	2	5
125401	Drill Core	2.08	0.106	15.9	5	0.83	463	0.121	7.02	0.070	2.88	1.3	24.5	35	2.0	8.2	3.7	0.2	2	5
125402	Drill Core	2.20	0.115	16.0	12	0.84	94	0.161	7.50	1.066	2.98	0.5	31.3	35	1.4	8.9	5.1	0.4	2	6
125403	Drill Core	2.22	0.121	16.6	5	0.80	125	0.111	7.31	0.260	3.42	0.6	25.4	35	1.9	7.1	2.7	0.2	2	6
125404	Drill Core	1.73	0.126	17.2	8	0.81	78	0.118	7.62	0.187	3.67	0.8	28.5	35	2.0	7.9	3.1	0.2	<1	6
125405	Drill Core	1.74	0.121	15.8	8	0.80	56	0.133	7.37	0.173	3.09	0.7	27.8	34	1.6	7.6	3.4	0.2	<1	6
125406	Drill Core	2.17	0.120	13.5	9	0.84	61	0.131	7.16	0.569	2.88	0.5	26.9	31	1.5	7.8	3.4	0.2	1	6
125407	Rock Pulp	1.77	0.050	10.1	28	0.88	77	0.178	3.87	1.222	0.73	1.3	29.2	23	52.3	10.8	4.2	0.2	<1	8
125408	Drill Core	2.24	0.116	12.8	8	0.79	64	0.138	7.00	0.511	2.46	0.7	20.6	28	1.0	7.5	3.8	0.3	<1	6
125409	Drill Core	1.53	0.117	12.5	8	0.81	49	0.108	6.66	0.274	2.92	0.7	18.7	30	1.9	6.7	3.0	0.2	<1	5
125410	Drill Core	3.29	0.134	17.3	14	1.23	745	0.361	7.38	0.075	2.15	1.0	83.5	37	0.8	9.0	7.1	0.4	1	8
125411	Drill Core	2.15	0.116	11.1	8	0.77	64	0.162	6.65	1.413	2.43	1.3	26.2	25	1.0	6.8	5.1	0.3	<1	6
125412	Drill Core	2.36	0.127	10.6	11	0.83	69	0.176	8.08	1.573	2.80	0.6	28.3	24	1.1	7.2	5.1	0.4	<1	7
125413	Drill Core	1.67	0.143	16.9	9	0.88	37	0.103	6.81	0.731	2.09	0.4	37.2	38	1.7	9.9	1.7	0.1	1	6
125414	Drill Core	1.34	0.138	17.0	8	0.67	33	0.088	7.54	0.256	2.46	0.4	38.2	39	1.9	10.1	1.9	0.1	1	5
125415	Drill Core	0.86	0.133	19.0	7	0.48	31	0.086	7.18	0.139	2.57	0.4	34.4	43	3.0	9.4	2.1	0.1	1	7
125416	Rock	17.28	0.012	0.4	<1	12.10	13	0.002	0.04	0.003	0.02	<0.1	0.3	<1	0.1	0.6	<0.1	<0.1	<1	<1
125417	Drill Core	1.02	0.028	10.5	3	0.38	387	0.078	6.44	0.081	2.86	1.4	59.6	22	0.9	7.9	16.2	1.5	2	2
125418	Drill Core	2.28	0.025	9.7	3	0.82	406	0.070	5.70	0.028	2.11	1.2	50.7	20	0.6	8.3	13.4	1.4	2	2
125419	Drill Core	1.52	0.024	8.9	3	0.55	459	0.069	5.58	0.038	2.29	1.1	52.7	19	0.7	7.5	13.7	1.4	2	2
125420	Drill Core	0.11	0.030	9.2	2	0.06	242	0.069	6.16	0.037	2.39	1.0	51.8	20	0.6	6.9	14.5	1.4	2	<1
125421	Drill Core	1.66	0.124	15.0	6	0.83	35	0.072	6.97	0.132	2.25	0.3	33.8	34	1.8	8.6	2.1	0.2	2	6
125422	Drill Core	1.44	0.123	13.6	8	0.77	25	0.067	6.55	0.332	2.27	0.4	31.5	33	2.4	6.6	1.7	0.1	<1	6
125423	Drill Core	1.50	0.029	10.0	3	0.54	401	0.072	6.02	0.165	2.74	1.2	54.0	21	0.7	8.1	14.7	1.4	2	2
125424	Drill Core	1.87	0.038	9.0	4	0.67	508	0.103	5.74	0.073	2.11	1.1	62.7	20	0.9	7.5	12.8	1.2	2	3
125425	Rock Pulp	0.38	0.115	13.7	60	1.02	121	0.270	6.26	1.445	3.84	13.5	28.0	28	2.3	10.7	2.5	0.2	1	15
125426	Drill Core	2.57	0.086	12.9	9	0.82	698	0.207	6.44	0.158	2.43	0.9	88.0	29	0.6	7.8	10.0	0.8	<1	5
125427	Drill Core	2.94	0.080	13.6	8	0.91	831	0.196	6.08	0.233	2.56	0.7	81.7	30	0.5	7.5	9.0	0.7	1	5
125428	Drill Core	3.37	0.079	13.8	8	1.05	799	0.196	5.85	0.176	2.46	0.7	81.0	30	0.5	7.9	9.3	0.8	1	5
125429	Drill Core	2.05	0.113	13.0	8	0.67	34	0.081	6.55	0.165	2.43	0.6	33.5	30	2.7	8.2	1.9	0.1	1	6



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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125400	Drill Core	2.3	86.7	1.1
125401	Drill Core	3.7	119.2	0.9
125402	Drill Core	2.4	99.5	1.2
125403	Drill Core	2.7	116.8	0.9
125404	Drill Core	2.8	135.4	1.0
125405	Drill Core	3.1	119.1	0.9
125406	Drill Core	3.1	95.7	0.9
125407	Rock Pulp	9.4	22.1	0.9
125408	Drill Core	3.0	88.0	0.7
125409	Drill Core	3.5	116.1	0.7
125410	Drill Core	0.5	102.0	2.3
125411	Drill Core	2.8	87.3	0.9
125412	Drill Core	2.9	96.6	1.0
125413	Drill Core	3.5	65.4	1.2
125414	Drill Core	4.0	76.4	1.2
125415	Drill Core	3.6	79.3	1.1
125416	Rock	<0.1	0.6	<0.1
125417	Drill Core	<0.1	123.5	3.1
125418	Drill Core	<0.1	76.0	2.8
125419	Drill Core	<0.1	93.0	2.7
125420	Drill Core	<0.1	76.9	2.5
125421	Drill Core	4.4	71.3	1.1
125422	Drill Core	5.2	67.9	1.0
125423	Drill Core	<0.1	109.2	2.7
125424	Drill Core	0.2	87.8	2.6
125425	Rock Pulp	2.1	112.8	0.8
125426	Drill Core	<0.1	76.1	2.9
125427	Drill Core	<0.1	81.2	2.5
125428	Drill Core	<0.1	67.0	2.5
125429	Drill Core	4.9	74.7	1.1



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125430	Drill Core	3.34	0.015	5.1	400.5	75.1	160	0.6	9.3	10.7	590	4.30	23	2.9	<0.1	4.4	498	1.0	6.1	0.3
125431	Drill Core	4.75	0.022	4.7	441.3	21.1	81	0.1	10.2	11.7	499	3.74	8	2.8	<0.1	4.0	461	0.2	2.2	0.3
125432	Drill Core	4.48	0.018	4.5	391.9	24.0	63	0.2	9.4	14.3	503	3.38	10	3.5	<0.1	5.0	448	0.3	3.5	0.2
125433	Drill Core	5.44	<0.005	1.1	9.3	16.2	45	<0.1	6.5	4.5	565	1.97	6	2.6	<0.1	7.0	519	0.2	2.3	0.2
125434	Drill Core	3.36	0.028	5.7	692.9	248.4	618	1.0	7.6	9.9	1123	3.99	15	2.5	<0.1	4.4	407	3.4	6.5	0.3
125435	Drill Core	1.00	<0.005	1.1	32.9	85.0	200	1.0	2.0	2.6	1452	1.39	14	5.1	<0.1	9.7	288	0.9	7.8	0.3
125436	Rock	6.36	<0.005	<0.1	0.5	1.2	10	<0.1	1.2	0.5	234	0.49	3	0.5	<0.1	<0.1	41	<0.1	<0.1	<0.1
125437	Drill Core	7.13	0.016	9.5	548.8	189.6	520	3.1	10.4	13.4	435	6.30	15	1.4	<0.1	3.3	397	3.2	9.7	0.4
125438	Drill Core	7.92	0.030	5.5	752.8	161.8	592	1.6	7.6	10.3	503	4.99	2	1.4	<0.1	4.6	525	3.5	1.5	0.5
125439	Drill Core	8.19	0.056	3.2	1291	12.8	47	0.3	7.1	11.8	168	4.30	<1	1.3	<0.1	4.6	723	0.2	0.7	0.4
125440	Drill Core	7.40	0.044	5.0	936.7	40.7	182	0.4	7.5	9.3	367	3.86	3	1.2	<0.1	4.1	606	1.1	1.7	0.2
125441	Drill Core	6.89	0.038	7.2	921.3	82.1	243	0.9	7.1	11.3	564	3.86	<1	1.3	<0.1	4.2	599	1.3	1.1	0.3
125442	Drill Core	7.56	0.027	4.4	821.3	45.6	136	1.2	8.2	10.2	691	3.64	2	1.2	<0.1	4.4	644	0.6	1.1	0.2
125443	Drill Core	7.88	0.042	4.3	1074	115.8	686	3.3	10.9	12.2	988	4.60	6	0.9	<0.1	4.2	711	3.8	11.1	0.3
125444	Drill Core	7.89	0.044	6.3	1250	332.0	701	9.2	7.9	11.0	2510	4.39	11	1.2	<0.1	4.3	674	4.1	27.6	0.5
125445	Rock Pulp	0.11	0.891	23.3	5167	5719	>10000	69.0	44.9	17.2	563	8.84	336	2.3	1.4	2.4	159	236.1	118.7	29.6
125446	Drill Core	7.38	0.042	4.6	1075	64.2	248	1.6	9.3	10.2	709	4.17	9	1.0	<0.1	4.5	502	1.5	10.8	0.2
125447	Drill Core	7.13	0.088	9.7	2099	98.3	443	2.3	34.8	17.5	941	5.39	12	1.1	<0.1	4.9	303	2.3	4.2	0.5
125448	Drill Core	7.13	0.088	6.5	2493	32.6	197	2.3	39.6	14.4	514	5.17	5	1.1	<0.1	5.6	374	1.2	1.4	0.6
125449	Drill Core	3.38	0.100	5.0	2468	149.1	994	6.0	34.2	17.4	915	5.31	12	2.0	<0.1	5.0	233	5.3	2.5	1.0
125450	Rock	1.05	<0.005	<0.1	5.6	1.1	12	<0.1	2.8	0.6	211	0.45	<1	0.5	<0.1	<0.1	39	<0.1	<0.1	<0.1
125451	Drill Core	6.87	<0.005	1.3	134.2	83.4	321	1.2	6.6	4.7	1301	1.82	16	5.3	<0.1	11.0	562	1.4	5.1	0.3
125452	Drill Core	7.30	<0.005	0.9	6.2	56.7	153	2.5	3.6	2.3	1783	1.24	5	4.8	<0.1	12.7	333	0.4	1.9	0.3
125453	Drill Core	7.33	<0.005	2.3	12.7	96.6	406	1.3	2.6	2.0	1540	1.31	7	6.8	<0.1	13.6	270	2.1	1.4	0.5
125454	Drill Core	6.94	<0.005	1.7	6.7	130.7	385	1.3	1.8	2.1	1689	1.45	14	8.4	<0.1	13.7	310	1.8	2.3	0.3
125455	Drill Core	4.85	0.031	17.1	1018	63.4	246	1.4	8.1	10.9	991	3.91	148	2.3	<0.1	5.0	359	1.3	11.4	0.7
125456	Drill Core	6.42	<0.005	1.8	65.1	14.8	45	0.2	8.1	7.3	524	2.26	4	3.3	<0.1	8.0	505	0.2	1.0	0.2
125457	Drill Core	6.99	<0.005	1.8	42.1	15.2	56	0.2	9.0	8.7	458	2.33	5	3.8	<0.1	7.8	596	0.4	1.2	0.5
125458	Drill Core	6.74	0.010	1.6	133.5	19.6	65	0.6	8.3	8.4	574	2.16	6	4.1	<0.1	6.9	533	0.2	1.0	1.3
125459	Drill Core	3.69	0.012	1.8	151.5	19.1	63	0.8	8.2	8.7	593	2.13	10	4.8	<0.1	6.7	500	0.2	0.9	1.3



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Project: Poplar Drilling
Report Date: December 23, 2011

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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125430	Drill Core	1.94	0.117	14.2	7	0.69	40	0.079	6.75	0.159	2.61	0.4	36.5	33	2.5	8.2	1.8	0.1	1	6
125431	Drill Core	2.25	0.120	13.6	8	0.95	60	0.117	6.57	0.083	2.13	0.2	38.0	32	1.7	7.8	2.6	0.2	1	6
125432	Drill Core	2.25	0.108	12.2	9	0.81	66	0.102	6.72	0.066	1.94	0.3	38.9	29	1.3	7.1	3.5	0.3	1	6
125433	Drill Core	2.96	0.086	14.0	8	1.01	829	0.221	6.46	0.121	2.19	0.7	87.9	30	0.6	8.7	9.9	0.8	1	5
125434	Drill Core	1.98	0.129	13.2	6	0.85	41	0.076	6.95	0.226	2.32	0.4	34.7	31	2.3	7.5	1.6	0.1	<1	7
125435	Drill Core	1.91	0.075	11.7	3	0.60	879	0.071	5.54	0.024	1.76	0.9	43.5	24	0.5	7.2	8.4	0.8	2	2
125436	Rock	17.42	0.014	0.4	<1	11.98	13	0.001	0.05	0.002	0.02	<0.1	0.2	<1	<0.1	0.6	0.1	<0.1	<1	<1
125437	Drill Core	2.89	0.115	7.4	5	0.72	28	0.060	5.69	0.099	1.98	0.3	23.7	19	2.1	6.2	1.6	<0.1	<1	5
125438	Drill Core	2.83	0.136	11.4	5	0.72	35	0.078	7.07	0.661	2.46	0.4	25.9	27	2.6	7.4	1.4	0.1	1	5
125439	Drill Core	2.98	0.129	10.6	7	0.78	41	0.109	6.74	1.822	1.92	0.2	24.9	26	1.9	7.5	2.0	0.1	1	5
125440	Drill Core	2.57	0.115	12.5	11	1.00	43	0.136	6.99	1.221	2.00	0.3	27.3	30	2.0	6.8	2.6	0.2	<1	6
125441	Drill Core	2.90	0.124	10.0	6	0.93	52	0.121	6.80	1.283	2.18	0.2	22.9	25	1.5	6.8	2.0	0.2	1	5
125442	Drill Core	3.24	0.131	9.6	9	0.91	64	0.129	6.52	1.579	2.23	0.2	22.0	23	1.7	7.0	2.6	0.2	<1	5
125443	Drill Core	2.66	0.123	10.1	8	1.08	57	0.168	6.64	1.054	2.31	0.2	21.5	25	1.4	7.0	2.9	0.2	<1	5
125444	Drill Core	2.34	0.120	9.3	6	0.93	73	0.120	6.80	0.505	2.31	0.4	21.2	23	1.9	6.4	2.2	0.1	1	5
125445	Rock Pulp	1.70	0.048	9.7	30	0.86	88	0.165	3.66	1.246	0.68	1.1	30.0	22	51.3	11.2	4.4	0.2	<1	6
125446	Drill Core	2.81	0.119	9.4	9	1.05	65	0.116	6.41	0.815	1.81	0.2	22.3	23	1.5	6.6	2.1	0.1	<1	5
125447	Drill Core	2.33	0.101	10.2	41	1.14	47	0.154	6.61	0.468	2.07	0.4	19.3	24	2.4	6.2	2.3	0.1	<1	8
125448	Drill Core	2.17	0.084	10.8	53	1.11	47	0.152	7.16	0.410	2.39	0.4	19.6	26	2.5	6.3	1.9	0.1	1	11
125449	Drill Core	2.52	0.087	10.6	24	1.12	63	0.130	6.31	0.076	2.31	0.8	24.9	23	2.5	6.8	2.5	0.1	1	7
125450	Rock	16.62	0.013	0.4	<1	11.64	15	0.002	<0.01	0.002	0.02	<0.1	0.2	<1	<0.1	0.5	0.1	<0.1	<1	<1
125451	Drill Core	2.15	0.081	18.4	7	0.83	1676	0.144	6.73	0.083	2.81	1.0	59.7	36	0.8	8.4	8.9	0.8	2	3
125452	Drill Core	1.89	0.068	15.3	3	0.67	980	0.070	5.96	0.028	2.41	1.0	41.6	31	0.6	7.7	8.2	0.8	1	1
125453	Drill Core	2.37	0.072	17.7	3	0.74	948	0.066	6.30	0.044	3.15	1.0	41.2	34	0.6	8.6	8.3	0.8	1	2
125454	Drill Core	2.01	0.075	17.2	3	0.76	1129	0.069	6.40	0.034	2.73	0.9	43.5	34	0.5	8.9	8.9	0.9	2	2
125455	Drill Core	2.22	0.121	12.5	9	0.89	91	0.106	7.15	0.096	2.88	0.5	29.5	29	2.2	7.5	2.4	0.1	2	5
125456	Drill Core	3.08	0.085	15.8	10	0.98	1034	0.195	6.61	0.105	2.50	1.9	79.7	32	0.6	8.5	9.5	0.7	1	4
125457	Drill Core	3.12	0.090	15.2	11	0.97	852	0.219	6.77	0.240	3.08	1.8	85.3	32	0.5	8.6	9.2	0.7	1	4
125458	Drill Core	2.88	0.074	15.7	12	1.01	1147	0.215	6.53	0.128	2.30	1.8	78.8	31	0.7	8.0	8.5	0.7	1	5
125459	Drill Core	2.86	0.079	15.5	11	1.01	1063	0.213	6.76	0.124	2.45	1.7	77.2	31	0.7	7.7	8.3	0.7	2	5



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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125430	Drill Core	3.9	79.6	1.1
125431	Drill Core	2.8	49.1	1.1
125432	Drill Core	2.7	48.8	1.3
125433	Drill Core	0.2	59.5	2.8
125434	Drill Core	3.6	68.5	1.0
125435	Drill Core	0.3	61.1	2.0
125436	Rock	<0.1	0.5	<0.1
125437	Drill Core	6.7	37.9	0.7
125438	Drill Core	5.0	59.0	0.8
125439	Drill Core	4.2	44.3	0.7
125440	Drill Core	3.8	58.4	0.8
125441	Drill Core	3.6	47.3	0.7
125442	Drill Core	3.4	45.5	0.7
125443	Drill Core	3.0	57.1	0.6
125444	Drill Core	3.0	58.3	0.6
125445	Rock Pulp	7.9	19.9	1.0
125446	Drill Core	2.9	42.4	0.6
125447	Drill Core	3.8	53.2	0.6
125448	Drill Core	3.4	62.6	0.6
125449	Drill Core	3.7	81.6	0.7
125450	Rock	<0.1	0.5	<0.1
125451	Drill Core	0.3	110.9	2.1
125452	Drill Core	<0.1	90.2	2.0
125453	Drill Core	0.4	128.4	1.9
125454	Drill Core	0.2	117.5	2.0
125455	Drill Core	2.5	94.7	0.9
125456	Drill Core	<0.1	63.7	2.6
125457	Drill Core	<0.1	81.2	2.6
125458	Drill Core	<0.1	52.0	2.4
125459	Drill Core	<0.1	55.4	2.6



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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125460	Drill Core	5.92	<0.005	0.7	19.5	18.6	69	0.1	6.3	4.4	714	1.92	5	3.6	<0.1	7.6	525	<0.1	1.8	0.2
125461	Drill Core	7.77	0.077	37.2	2087	65.7	243	1.3	8.6	12.2	766	4.95	5	1.9	<0.1	4.7	441	1.4	1.7	0.4
125462	Drill Core	7.35	0.048	11.5	1344	116.3	404	1.3	6.5	9.7	1170	4.39	7	1.4	<0.1	4.6	487	2.3	3.1	0.4
125463	Drill Core	7.67	0.046	6.9	1546	26.3	73	0.4	6.6	11.4	166	4.73	3	1.1	<0.1	3.9	517	0.3	0.6	0.3
125464	Rock	0.47	<0.005	<0.1	7.0	1.0	11	<0.1	1.8	0.5	240	0.49	1	0.4	<0.1	<0.1	37	<0.1	<0.1	<0.1
125465	Drill Core	7.46	0.053	4.0	1776	37.8	116	0.5	5.8	9.9	619	4.10	2	1.2	0.1	4.9	713	0.6	1.1	0.4
125466	Drill Core	8.00	0.068	5.6	2479	249.8	901	2.2	8.9	11.3	2035	5.44	5	1.1	0.1	4.7	465	6.1	7.3	0.6
125467	Drill Core	7.60	0.104	13.6	3623	61.6	138	1.8	11.6	17.3	913	6.19	3	0.8	0.3	4.5	480	0.8	5.9	0.8
125468	Drill Core	8.07	0.073	6.7	1817	59.5	120	0.9	8.6	11.8	1078	6.96	2	0.9	<0.1	4.2	553	0.6	2.1	0.5
125469	Drill Core	6.92	0.102	5.9	2440	51.9	145	1.8	8.6	12.4	932	7.71	2	0.9	0.1	4.0	523	0.8	5.7	0.4
125470	Drill Core	3.87	0.076	11.4	2437	109.5	277	3.5	9.7	13.7	939	7.54	5	0.8	<0.1	3.3	517	2.1	15.0	0.4
125471	Drill Core	7.45	0.054	7.0	1603	26.4	83	0.6	7.7	11.2	1058	5.69	3	0.8	<0.1	4.8	386	0.3	3.9	0.3
125472	Drill Core	7.70	0.086	5.2	2610	168.1	458	3.8	9.8	10.7	1865	5.64	10	0.8	<0.1	4.8	409	2.2	12.1	0.4
125473	Drill Core	5.69	0.064	19.3	1627	61.4	116	1.8	8.7	10.0	649	5.26	3	0.8	0.1	4.7	540	0.7	1.2	0.4
125474	Rock Pulp	0.11	0.842	159.9	3620	49.9	120	3.6	27.5	19.8	527	4.85	60	1.2	0.9	2.7	248	0.7	7.7	0.6
125475	Drill Core	7.67	0.247	9.6	5650	31.8	80	2.3	26.1	14.4	514	5.64	2	0.6	0.2	4.7	459	0.2	1.0	0.3
125476	Drill Core	7.69	0.218	11.4	5709	58.0	209	3.6	33.8	15.8	552	5.69	2	0.6	0.3	4.9	372	1.0	1.7	0.4
125477	Drill Core	8.40	0.155	6.3	4108	24.3	105	1.6	27.0	12.0	414	4.87	2	0.7	0.2	5.3	404	0.4	0.6	0.3
125478	Drill Core	7.65	0.167	4.7	3906	41.7	280	3.8	16.4	12.4	980	5.89	4	0.6	0.2	4.9	366	1.0	1.7	0.4
125479	Drill Core	7.97	0.154	3.1	4394	29.8	215	4.5	20.3	12.9	1440	6.13	4	0.5	0.2	3.6	240	0.9	1.6	0.3
125480	Drill Core	7.52	0.112	10.1	3546	95.9	255	5.9	29.3	14.0	1109	5.20	3	0.5	0.1	4.6	307	1.2	3.2	0.4
125481	Drill Core	7.48	0.087	6.9	2848	176.9	551	6.8	24.0	14.5	564	6.66	4	0.3	<0.1	3.5	186	3.0	2.6	0.5
125482	Drill Core	7.10	0.144	5.3	4482	65.0	276	3.7	19.8	14.4	927	6.50	2	0.6	0.2	4.2	346	1.7	1.3	0.4
125483	Drill Core	6.83	0.065	60.6	1942	43.7	401	2.2	7.3	9.1	916	4.60	3	1.2	<0.1	5.5	556	1.9	1.4	0.2
125484	Drill Core	3.81	0.055	44.1	1788	44.7	378	2.0	5.7	8.7	915	4.36	3	1.2	<0.1	5.5	473	1.9	1.4	0.2
125485	Drill Core	7.94	0.082	15.4	2675	33.8	179	2.2	8.2	10.9	685	5.07	2	0.8	<0.1	4.5	567	0.9	0.6	0.2
125486	Drill Core	8.24	0.076	9.8	1944	53.9	137	1.9	6.8	8.0	892	4.41	2	1.1	<0.1	5.4	523	0.6	1.2	0.2
125487	Rock Pulp	0.10	0.410	141.9	3861	27.1	68	2.6	39.5	21.2	446	4.73	43	1.2	0.9	3.0	258	<0.1	4.0	0.4
125488	Drill Core	7.69	0.123	11.6	2990	37.0	138	1.6	15.6	11.1	729	6.12	4	0.7	<0.1	4.9	406	0.6	1.9	0.3
125489	Drill Core	8.01	0.191	6.7	4915	11.8	72	2.1	33.0	13.4	616	6.47	3	0.5	0.2	5.2	285	<0.1	0.6	0.4



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Project: Poplar Drilling
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125460	Drill Core	2.65	0.072	15.5	10	0.93	674	0.225	6.91	0.064	2.40	1.0	84.2	30	0.7	8.7	9.4	0.8	<1	5
125461	Drill Core	2.04	0.112	11.0	7	0.82	31	0.090	6.39	0.104	2.39	0.3	23.5	27	2.1	7.4	1.8	0.1	<1	5
125462	Drill Core	2.25	0.105	10.3	7	0.79	39	0.101	6.69	0.108	2.26	1.2	23.9	24	2.0	6.9	2.1	0.2	1	6
125463	Drill Core	2.77	0.100	8.2	6	0.66	38	0.079	6.14	0.465	1.93	0.3	21.5	19	2.0	6.4	1.8	0.1	<1	5
125464	Rock	18.18	0.021	0.4	<1	13.13	13	0.002	0.02	0.004	0.02	<0.1	0.2	<1	0.2	0.8	0.1	<0.1	<1	<1
125465	Drill Core	2.96	0.124	8.7	6	0.89	55	0.114	6.96	1.121	2.28	0.3	25.7	23	1.7	6.8	2.5	0.2	1	5
125466	Drill Core	2.71	0.123	9.4	6	0.74	32	0.081	7.02	0.120	2.89	0.5	20.3	23	2.9	7.1	1.9	0.1	1	4
125467	Drill Core	2.33	0.113	8.2	7	0.84	28	0.088	6.69	0.418	2.47	0.3	13.3	20	2.6	6.4	1.8	0.1	1	5
125468	Drill Core	2.30	0.115	8.7	7	0.97	27	0.128	6.82	0.801	2.45	0.3	17.6	22	1.8	6.9	2.9	0.2	<1	5
125469	Drill Core	1.88	0.111	7.3	5	0.90	28	0.120	6.19	0.743	2.57	0.3	17.6	19	2.1	6.1	2.2	0.2	1	4
125470	Drill Core	1.80	0.099	5.7	6	0.79	29	0.109	5.60	0.644	2.47	0.4	17.0	15	2.4	4.9	2.2	0.1	<1	4
125471	Drill Core	2.19	0.114	10.4	5	0.95	47	0.110	6.72	0.081	2.45	0.5	14.5	25	1.6	6.6	2.0	0.2	1	5
125472	Drill Core	2.06	0.107	9.1	6	0.91	48	0.133	6.93	0.125	2.58	0.6	14.4	21	1.6	6.2	2.7	0.2	1	5
125473	Drill Core	2.21	0.120	12.2	8	0.84	22	0.122	6.46	0.975	2.84	0.3	16.0	27	1.5	8.1	2.6	0.2	<1	5
125474	Rock Pulp	0.43	0.103	15.0	44	0.82	223	0.260	6.54	1.089	3.77	25.4	22.8	29	3.0	11.3	3.4	0.2	2	12
125475	Drill Core	1.63	0.057	9.2	51	0.90	19	0.138	5.99	1.011	3.00	0.4	9.9	20	1.9	5.2	2.7	0.1	<1	10
125476	Drill Core	1.43	0.059	10.4	49	0.83	24	0.123	6.07	0.539	3.22	0.4	8.5	24	2.4	5.1	1.9	0.1	<1	11
125477	Drill Core	1.68	0.089	11.7	45	0.97	32	0.150	7.12	1.217	3.31	0.2	12.5	27	2.2	6.3	3.1	0.2	1	9
125478	Drill Core	1.62	0.116	9.9	15	0.89	25	0.133	6.43	0.703	2.65	0.3	11.0	24	2.5	7.3	2.8	0.2	<1	6
125479	Drill Core	1.27	0.062	7.6	44	0.83	23	0.131	5.51	0.387	2.22	0.3	9.0	17	2.2	5.1	3.1	0.2	1	7
125480	Drill Core	1.49	0.053	9.8	61	0.74	23	0.109	6.34	0.236	3.16	0.4	9.5	22	3.4	5.4	1.9	0.1	<1	11
125481	Drill Core	1.19	0.060	5.8	45	0.37	19	0.078	5.20	0.140	2.64	0.5	7.2	14	4.5	5.0	1.3	<0.1	<1	7
125482	Drill Core	1.59	0.076	8.0	31	0.88	19	0.108	6.07	0.246	2.61	0.3	8.4	19	2.2	5.6	1.9	0.1	<1	8
125483	Drill Core	2.61	0.113	15.4	6	0.94	30	0.129	7.10	0.579	2.37	0.2	20.3	34	2.1	8.4	3.3	0.2	<1	6
125484	Drill Core	2.65	0.110	15.1	6	0.95	32	0.129	7.07	0.556	2.36	0.3	20.2	33	1.5	8.4	2.9	0.2	1	6
125485	Drill Core	3.63	0.088	23.1	7	0.64	23	0.105	5.46	1.041	1.86	0.2	13.1	52	1.7	14.1	2.6	0.1	<1	5
125486	Drill Core	2.22	0.108	12.6	6	0.80	36	0.132	6.66	0.953	2.52	0.4	13.4	27	1.7	7.3	2.8	0.2	<1	6
125487	Rock Pulp	0.41	0.104	18.1	64	1.06	459	0.289	7.24	1.418	3.78	14.6	27.9	33	2.4	11.4	3.0	0.2	<1	16
125488	Drill Core	1.86	0.084	9.7	30	0.94	23	0.137	6.30	0.638	2.88	0.4	12.2	21	1.7	6.4	3.2	0.2	<1	7
125489	Drill Core	1.16	0.056	8.5	67	1.07	38	0.180	5.97	0.968	3.17	0.2	7.2	19	1.8	5.6	3.7	0.2	<1	11



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CERTIFICATE OF ANALYSIS

SMI11000788.1

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125460	Drill Core	0.2	59.2	2.5
125461	Drill Core	5.1	63.3	0.9
125462	Drill Core	4.6	60.2	0.8
125463	Drill Core	5.8	34.9	0.7
125464	Rock	<0.1	0.9	<0.1
125465	Drill Core	3.9	53.0	0.8
125466	Drill Core	5.5	79.2	0.6
125467	Drill Core	5.7	67.0	0.5
125468	Drill Core	5.7	67.7	0.5
125469	Drill Core	5.6	67.0	0.5
125470	Drill Core	5.4	55.9	0.5
125471	Drill Core	3.9	68.3	0.4
125472	Drill Core	4.1	79.0	0.4
125473	Drill Core	5.0	80.8	0.5
125474	Rock Pulp	2.4	91.7	0.7
125475	Drill Core	5.1	76.6	0.3
125476	Drill Core	5.3	76.4	0.2
125477	Drill Core	4.2	77.0	0.4
125478	Drill Core	5.1	78.8	0.3
125479	Drill Core	4.8	67.9	0.2
125480	Drill Core	5.0	78.8	0.3
125481	Drill Core	7.5	62.5	0.2
125482	Drill Core	6.1	75.8	0.3
125483	Drill Core	4.2	78.3	0.7
125484	Drill Core	4.0	75.0	0.6
125485	Drill Core	6.5	65.5	0.5
125486	Drill Core	4.1	84.3	0.5
125487	Rock Pulp	2.0	98.9	0.7
125488	Drill Core	5.3	98.3	0.4
125489	Drill Core	4.2	88.9	0.2



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QUALITY CONTROL REPORT

SMI11000788.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
125394	Drill Core	7.45	0.040	5.7	2153	16.8	52	0.8	10.2	11.8	279	5.39	12	0.8	<0.1	4.2	551	0.2	1.0	0.2	64
REP 125394	QC	0.039																			
125429	Drill Core	6.67	0.015	5.5	373.8	87.7	273	0.9	8.0	11.1	802	5.29	28	2.6	<0.1	4.1	494	2.4	7.1	0.3	77
REP 125429	QC	0.021																			
125437	Drill Core	7.13	0.016	9.5	548.8	189.6	520	3.1	10.4	13.4	435	6.30	15	1.4	<0.1	3.3	397	3.2	9.7	0.4	60
REP 125437	QC	14.0 558.6 187.0 553 3.4 10.4 14.4 450 6.30 13 1.4 <0.1 3.6 408 4.2 10.2 0.5 61																			
125459	Drill Core	3.69	0.012	1.8	151.5	19.1	63	0.8	8.2	8.7	593	2.13	10	4.8	<0.1	6.7	500	0.2	0.9	1.3	58
REP 125459	QC	2.0 145.6 19.9 62 0.7 8.2 9.0 596 2.17 10 4.9 <0.1 7.1 522 0.2 1.0 1.1 60																			
125467	Drill Core	7.60	0.104	13.6	3623	61.6	138	1.8	11.6	17.3	913	6.19	3	0.8	0.3	4.5	480	0.8	5.9	0.8	62
REP 125467	QC	0.117																			
125469	Drill Core	6.92	0.102	5.9	2440	51.9	145	1.8	8.6	12.4	932	7.71	2	0.9	0.1	4.0	523	0.8	5.7	0.4	72
REP 125469	QC	6.4 2389 50.3 132 2.1 9.9 12.1 965 7.51 2 0.9 0.1 3.9 498 0.8 5.7 0.4 72																			
125489	Drill Core	8.01	0.191	6.7	4915	11.8	72	2.1	33.0	13.4	616	6.47	3	0.5	0.2	5.2	285	<0.1	0.6	0.4	97
REP 125489	QC	0.192																			
Core Reject Duplicates																					
125383	Drill Core	6.51	0.121	5.1	6449	11.0	56	0.8	9.1	12.3	424	4.50	25	1.0	0.1	3.8	460	0.2	16.3	<0.1	61
DUP 125383	QC	0.116 6.6 6602 11.6 52 0.9 10.8 12.3 463 5.02 24 1.1 0.2 4.2 502 0.2 14.5 <0.1 59																			
125418	Drill Core	6.87	<0.005	0.9	3.1	77.2	151	<0.1	3.2	3.0	845	1.22	16	12.0	<0.1	13.9	208	0.8	1.0	0.1	14
DUP 125418	QC	<0.005 1.3 3.2 77.4 150 <0.1 3.1 2.4 824 1.21 15 12.2 <0.1 14.4 215 1.0 1.1 0.1 15																			
125453	Drill Core	7.33	<0.005	2.3	12.7	96.6	406	1.3	2.6	2.0	1540	1.31	7	6.8	<0.1	13.6	270	2.1	1.4	0.5	22
DUP 125453	QC	<0.005 2.0 11.1 92.0 393 1.2 3.0 2.2 1500 1.30 6 6.6 <0.1 12.9 266 2.0 1.6 0.5 22																			
125488	Drill Core	7.69	0.123	11.6	2990	37.0	138	1.6	15.6	11.1	729	6.12	4	0.7	<0.1	4.9	406	0.6	1.9	0.3	75
DUP 125488	QC	0.107 11.4 3127 37.5 137 1.6 16.1 11.3 762 6.12 4 0.8 0.1 4.8 407 0.7 2.0 0.4 77																			
Reference Materials																					
STD OREAS24P	Standard	1.4 55.1 2.6 122 <0.1 136.8 44.3 1115 7.35 3 0.6 <0.1 2.8 374 <0.1 <0.1 <0.1 151																			
STD OREAS24P	Standard	1.4 46.9 2.9 117 <0.1 134.9 44.5 1087 7.42 3 0.7 <0.1 3.0 368 0.1 0.2 <0.1 147																			
STD OREAS24P	Standard	1.4 45.5 2.9 111 <0.1 142.2 45.0 1101 7.30 1 0.8 <0.1 2.9 418 <0.1 <0.1 <0.1 168																			
STD OREAS24P	Standard	1.7 57.5 2.7 105 <0.1 139.4 43.9 1066 7.11 4 0.6 <0.1 2.9 387 0.2 0.3 0.1 147																			



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
125394	Drill Core	1.49	0.088	6.9	15	0.71	114	0.165	6.40	1.942	2.76	0.2	12.1	17	0.9	6.7	5.6	0.4	1	5	44.7
REP 125394	QC																				
125429	Drill Core	2.05	0.113	13.0	8	0.67	34	0.081	6.55	0.165	2.43	0.6	33.5	30	2.7	8.2	1.9	0.1	1	6	14.0
REP 125429	QC																				
125437	Drill Core	2.89	0.115	7.4	5	0.72	28	0.060	5.69	0.099	1.98	0.3	23.7	19	2.1	6.2	1.6	<0.1	<1	5	17.9
REP 125437	QC	2.95	0.117	9.0	6	0.78	39	0.060	6.20	0.101	2.05	0.3	22.9	22	2.0	6.3	1.5	<0.1	1	5	18.1
125459	Drill Core	2.86	0.079	15.5	11	1.01	1063	0.213	6.76	0.124	2.45	1.7	77.2	31	0.7	7.7	8.3	0.7	2	5	24.6
REP 125459	QC	2.91	0.081	16.8	10	1.04	1091	0.212	7.08	0.130	2.63	1.7	77.7	32	0.8	8.4	8.2	0.6	1	5	23.0
125467	Drill Core	2.33	0.113	8.2	7	0.84	28	0.088	6.69	0.418	2.47	0.3	13.3	20	2.6	6.4	1.8	0.1	1	5	12.0
REP 125467	QC																				
125469	Drill Core	1.88	0.111	7.3	5	0.90	28	0.120	6.19	0.743	2.57	0.3	17.6	19	2.1	6.1	2.2	0.2	1	4	8.7
REP 125469	QC	1.84	0.101	7.5	6	0.88	29	0.118	6.08	0.713	2.52	0.3	17.5	19	2.3	6.1	2.2	0.2	<1	4	9.6
125489	Drill Core	1.16	0.056	8.5	67	1.07	38	0.180	5.97	0.968	3.17	0.2	7.2	19	1.8	5.6	3.7	0.2	<1	11	5.7
REP 125489	QC																				
Core Reject Duplicates																					
125383	Drill Core	1.50	0.093	7.1	14	0.70	106	0.170	6.05	1.196	2.32	0.6	16.9	16	1.4	6.5	4.2	0.3	<1	6	28.4
DUP 125383	QC	1.75	0.101	7.6	17	0.82	110	0.194	6.20	1.274	2.70	0.9	18.6	16	1.6	7.1	4.8	0.3	<1	5	27.4
125418	Drill Core	2.28	0.025	9.7	3	0.82	406	0.070	5.70	0.028	2.11	1.2	50.7	20	0.6	8.3	13.4	1.4	2	2	29.3
DUP 125418	QC	2.26	0.026	9.9	3	0.82	443	0.073	5.89	0.030	2.18	1.1	55.4	21	0.7	8.9	13.6	1.3	2	2	30.7
125453	Drill Core	2.37	0.072	17.7	3	0.74	948	0.066	6.30	0.044	3.15	1.0	41.2	34	0.6	8.6	8.3	0.8	1	2	10.9
DUP 125453	QC	2.28	0.067	16.3	3	0.71	908	0.068	6.00	0.042	2.72	0.9	40.5	32	0.6	8.3	8.8	0.8	2	2	11.4
125488	Drill Core	1.86	0.084	9.7	30	0.94	23	0.137	6.30	0.638	2.88	0.4	12.2	21	1.7	6.4	3.2	0.2	<1	7	6.6
DUP 125488	QC	1.87	0.087	9.7	31	0.94	42	0.140	6.55	0.647	2.98	0.5	12.3	21	1.5	6.4	2.9	0.2	1	8	8.3
Reference Materials																					
STD OREAS24P	Standard	5.79	0.133	17.2	185	3.91	266	1.037	7.30	2.469	0.65	0.3	131.6	37	1.7	21.8	19.6	1.1	1	20	7.3
STD OREAS24P	Standard	5.59	0.130	18.6	190	3.96	272	1.072	7.89	2.315	0.65	0.4	126.6	37	1.6	21.6	17.8	1.1	<1	20	7.1
STD OREAS24P	Standard	5.56	0.131	17.8	182	4.12	271	1.069	7.63	2.521	0.65	0.4	133.9	37	1.5	20.9	18.9	1.1	1	20	7.2
STD OREAS24P	Standard	5.59	0.126	18.1	186	3.86	249	1.036	7.31	2.381	0.65	0.4	125.0	36	1.5	20.2	18.1	1.1	1	20	7.6



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Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: December 23, 2011

Page: 1 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000788.1

Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125394	Drill Core	1.8	61.0	0.5
REP 125394	QC			
125429	Drill Core	4.9	74.7	1.1
REP 125429	QC			
125437	Drill Core	6.7	37.9	0.7
REP 125437	QC	6.8	46.6	0.8
125459	Drill Core	<0.1	55.4	2.6
REP 125459	QC	<0.1	63.0	2.4
125467	Drill Core	5.7	67.0	0.5
REP 125467	QC			
125469	Drill Core	5.6	67.0	0.5
REP 125469	QC	5.4	64.1	0.5
125489	Drill Core	4.2	88.9	0.2
REP 125489	QC			
Core Reject Duplicates				
125383	Drill Core	2.2	56.7	0.6
DUP 125383	QC	2.5	60.2	0.7
125418	Drill Core	<0.1	76.0	2.8
DUP 125418	QC	<0.1	78.5	2.7
125453	Drill Core	0.4	128.4	1.9
DUP 125453	QC	0.4	111.9	1.8
125488	Drill Core	5.3	98.3	0.4
DUP 125488	QC	5.2	101.3	0.3
Reference Materials				
STD OREAS24P	Standard	<0.1	21.0	3.5
STD OREAS24P	Standard	<0.1	20.1	3.2
STD OREAS24P	Standard	<0.1	21.4	3.2
STD OREAS24P	Standard	<0.1	20.9	3.6



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Project: Poplar Drilling

Report Date: December 23, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

SMI11000788.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	
STD OREAS24P	Standard			1.5	47.8	2.7	106	<0.1	136.5	41.5	1071	7.32	1	0.7	<0.1	3.1	406	0.1	<0.1	<0.1	154
STD OREAS24P	Standard			1.5	50.7	2.5	109	<0.1	143.6	44.8	1103	7.29	2	0.6	<0.1	2.8	400	<0.1	<0.1	<0.1	163
STD OREAS24P	Standard			1.2	48.9	2.9	109	<0.1	141.6	43.5	1073	7.46	2	0.8	<0.1	2.9	340	<0.1	<0.1	<0.1	164
STD OREAS45C	Standard			2.0	620.7	23.3	85	0.4	328.7	102.6	1167	17.16	10	2.1	<0.1	9.4	31	0.2	0.8	0.2	259
STD OREAS45C	Standard			2.3	619.5	26.7	85	0.2	319.0	104.3	1205	18.99	12	2.5	<0.1	11.7	39	0.3	1.0	0.1	257
STD OREAS45C	Standard			1.9	606.8	25.7	81	0.2	342.7	100.7	1127	18.01	12	2.6	<0.1	10.9	41	<0.1	1.1	0.2	273
STD OREAS45C	Standard			2.2	588.9	23.1	66	0.3	309.0	98.8	1118	16.62	12	2.1	<0.1	10.4	26	0.1	1.3	0.3	244
STD OREAS45C	Standard			2.2	646.3	27.6	85	0.3	328.7	103.2	1185	19.02	12	2.7	<0.1	12.4	37	0.2	0.9	0.3	266
STD OREAS45C	Standard			1.9	628.6	24.5	73	<0.1	338.4	101.1	1155	17.45	11	2.2	<0.1	10.5	38	0.1	0.8	0.2	261
STD OREAS45C	Standard			2.4	585.7	25.2	73	0.3	325.0	99.0	1075	17.91	10	2.4	<0.1	11.1	33	0.3	0.8	0.2	257
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.323																		
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.251																		
STD OXH82	Standard		1.287																		
STD OXK79	Standard		3.793																		
STD OXK79	Standard		3.737																		
STD OXK79	Standard		3.332																		
STD OXK79	Standard		3.686																		
STD OXK79	Standard		3.489																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		



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Report Date: December 23, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000788.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.45	0.134	18.2	183	3.99	284	1.045	7.55	2.486	0.66	0.4	127.6	36	1.5	21.6	18.6	1.0	<1	17	7.8
STD OREAS24P	Standard	5.35	0.127	17.5	210	4.09	266	1.095	7.57	2.457	0.64	0.4	133.6	37	1.5	20.4	18.4	1.1	1	19	7.7
STD OREAS24P	Standard	5.49	0.126	17.9	207	4.00	274	1.013	7.52	2.483	0.62	0.4	128.2	37	1.4	21.4	18.0	1.1	1	20	7.6
STD OREAS45C	Standard	0.47	0.050	22.7	939	0.24	254	1.199	6.94	0.093	0.34	1.1	168.9	48	3.0	12.5	23.6	1.5	1	57	13.1
STD OREAS45C	Standard	0.51	0.054	29.0	911	0.26	292	1.233	7.57	0.105	0.36	1.2	167.1	55	2.9	13.5	22.1	1.5	1	59	16.4
STD OREAS45C	Standard	0.49	0.049	26.4	927	0.25	284	1.119	6.96	0.092	0.34	1.1	166.9	52	3.0	12.2	22.0	1.5	<1	60	15.7
STD OREAS45C	Standard	0.44	0.049	25.4	918	0.27	255	1.155	6.82	0.102	0.32	0.9	150.0	49	2.5	11.7	20.7	1.3	<1	58	14.2
STD OREAS45C	Standard	0.49	0.055	26.7	974	0.26	304	1.193	7.22	0.105	0.38	1.2	172.5	55	2.9	13.2	22.9	1.4	<1	53	17.9
STD OREAS45C	Standard	0.49	0.048	25.5	972	0.28	268	1.178	6.86	0.114	0.33	1.1	167.1	50	2.6	11.9	21.7	1.4	<1	57	14.7
STD OREAS45C	Standard	0.47	0.044	25.0	864	0.25	268	1.077	7.17	0.109	0.34	1.0	152.1	50	2.6	13.3	21.5	1.4	<1	59	15.6
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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Report Date: December 23, 2011

Page: 2 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000788.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	19.8	3.2
STD OREAS24P	Standard	<0.1	21.3	3.1
STD OREAS24P	Standard	<0.1	19.7	3.5
STD OREAS45C	Standard	<0.1	21.9	4.5
STD OREAS45C	Standard	<0.1	23.9	4.8
STD OREAS45C	Standard	<0.1	24.0	4.2
STD OREAS45C	Standard	<0.1	21.8	3.8
STD OREAS45C	Standard	<0.1	23.8	4.3
STD OREAS45C	Standard	<0.1	24.0	4.2
STD OREAS45C	Standard	<0.1	22.6	4.3
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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Report Date: December 23, 2011

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QUALITY CONTROL REPORT

SMI11000788.1

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.1	4.8	18.1	54	<0.1	3.2	4.8	815	2.26	2	2.5	<0.1	7.6	731	<0.1	<0.1	0.2	47
G1	Prep Blank	<0.005	<0.1	5.2	19.0	54	<0.1	3.9	5.0	847	2.41	2	2.7	<0.1	9.0	729	<0.1	<0.1	0.2	50



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Report Date: December 23, 2011

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QUALITY CONTROL REPORT

SMI11000788.1

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.077	23.8	10	0.59	1004	0.234	7.38	2.828	2.38	0.1	12.5	53	1.4	14.6	26.4	1.4	3	5	31.8
G1	Prep Blank	2.41	0.083	26.7	9	0.60	1014	0.239	7.59	2.920	2.52	0.2	15.0	60	1.6	15.1	26.2	1.4	2	5	33.1



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Report Date: December 23, 2011

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000788.1

		1EX S %	1EX Rb ppm	1EX Hf ppm
		0.1	0.1	0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	82.9	0.6
G1	Prep Blank	<0.1	87.7	0.8



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: November 28, 2011
Report Date: January 12, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI11000788.2

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POP_108_
P.O. Number
Number of Samples: 120

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	120	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	120	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125370	Rock	0.92	<0.005	<0.1	1.3	0.5	13	<0.1	0.9	0.6	215	0.42	7	0.3	<0.1	<0.1	28	0.1	<0.1	<0.1
125371	Drill Core	4.61	<0.005	3.2	514.7	333.0	2300	3.5	8.9	7.2	1125	2.21	123	6.6	<0.1	8.2	391	13.5	40.5	0.3
125372	Drill Core	7.38	0.084	6.4	5948	46.6	141	3.9	23.4	13.6	751	4.33	66	1.5	0.1	3.9	207	0.7	8.7	0.3
125373	Drill Core	6.99	0.111	6.7	6525	51.2	118	4.3	23.4	13.9	538	4.62	4	0.8	0.1	3.8	129	0.6	4.2	0.3
125374	Drill Core	7.43	0.038	4.6	3312	23.1	99	2.2	9.1	11.5	544	4.00	25	1.1	<0.1	4.0	916	0.4	1.9	0.2
125375	Drill Core	6.84	0.027	2.7	2421	29.5	208	2.6	5.9	9.1	2428	3.90	67	1.2	<0.1	4.7	314	0.7	6.7	0.3
125376	Drill Core	7.69	0.050	9.3	4766	284.4	1216	7.9	33.0	10.5	2676	4.21	1030	0.9	0.1	3.6	392	6.9	229.1	0.9
125377	Drill Core	7.13	0.131	13.1	7795	437.4	2282	22.6	28.6	11.6	2840	4.11	787	0.8	0.2	3.9	306	13.2	90.3	1.9
125378	Drill Core	3.12	0.158	49.0	8555	415.3	2186	25.1	33.1	11.8	3017	4.23	697	0.6	0.3	3.1	384	12.9	109.5	1.9
125379	Drill Core	7.95	0.154	9.8	7522	309.5	1534	25.8	29.6	13.5	>10000	4.15	833	0.5	0.2	3.2	567	7.3	112.5	1.3
125380	Drill Core	6.17	0.198	5.0	9310	263.9	966	9.0	26.7	12.8	2414	4.16	187	0.5	0.4	3.8	325	5.2	51.7	0.6
125381	Drill Core	7.20	0.202	2.2	8295	112.2	439	7.5	11.5	15.9	1733	4.94	16	1.0	0.3	3.9	338	2.6	11.6	0.2
125382	Drill Core	7.07	0.132	3.3	5165	28.0	103	2.4	8.1	12.4	574	4.11	5	1.0	0.1	4.0	664	0.5	1.0	<0.1
125383	Drill Core	6.51	0.121	5.1	6449	11.0	56	1.8	9.1	12.3	424	4.50	25	1.0	0.1	3.8	460	0.2	16.3	<0.1
125384	Drill Core	7.31	0.088	3.3	4797	11.5	125	1.7	8.3	13.4	708	5.58	177	1.0	<0.1	4.0	422	0.3	93.6	0.2
125385	Rock Pulp	0.10	1.016	358.3	3354	25.2	62	1.8	32.8	10.1	657	3.69	15	0.8	0.8	1.9	233	0.4	5.0	0.6
125386	Drill Core	7.61	0.079	5.0	4435	6.7	42	1.2	7.2	11.5	268	5.56	81	0.7	0.1	4.3	539	<0.1	14.0	0.2
125387	Drill Core	7.32	0.095	4.0	4602	21.3	60	1.8	8.6	11.7	313	5.34	4	1.0	0.3	4.3	538	0.1	0.9	0.3
125388	Drill Core	8.33	0.128	5.1	5839	9.5	37	1.7	9.7	12.5	197	5.52	2	0.9	0.1	4.4	494	<0.1	0.4	0.2
125389	Drill Core	8.40	0.084	3.8	4452	64.3	190	2.8	8.9	12.3	1887	6.26	36	0.9	0.1	4.1	381	1.1	4.0	0.2
125390	Rock	0.81	<0.005	<0.1	12.5	0.7	14	<0.1	1.7	1.0	236	0.47	4	0.4	<0.1	<0.1	38	<0.1	<0.1	<0.1
125391	Drill Core	8.19	0.082	8.8	4657	62.0	279	2.1	8.1	13.4	513	6.96	58	0.8	<0.1	3.5	451	1.3	11.0	0.2
125392	Drill Core	7.08	0.075	5.7	4011	18.6	97	1.7	11.9	13.4	668	7.10	38	0.9	<0.1	3.9	443	0.4	12.2	0.2
125393	Drill Core	7.28	0.007	7.1	1162	9.2	35	0.5	6.5	9.2	307	4.02	4	1.1	<0.1	4.3	838	<0.1	0.5	0.1
125394	Drill Core	7.45	0.040	5.7	2153	16.8	52	0.8	10.2	11.8	279	5.39	12	0.8	<0.1	4.2	551	0.2	1.0	0.2
125395	Drill Core	7.36	0.146	1.7	4579	48.6	121	2.0	11.2	13.6	274	9.05	30	0.5	0.5	2.5	380	0.6	1.9	0.3
125396	Drill Core	3.54	0.125	1.8	4727	65.9	203	2.1	12.9	16.2	313	8.15	45	0.5	0.1	2.5	377	1.2	1.8	0.3
125397	Drill Core	8.60	0.052	2.5	1929	156.4	1462	3.8	8.2	11.4	5614	5.72	147	0.8	<0.1	3.5	394	8.5	7.3	0.6
125398	Drill Core	7.28	0.009	43.4	739.0	34.7	145	0.7	5.2	9.6	995	3.82	24	1.8	<0.1	5.4	243	0.9	3.5	0.4
125399	Drill Core	6.80	0.008	48.3	602.4	12.7	44	0.6	4.6	6.6	443	3.45	56	2.0	<0.1	5.9	344	0.1	3.8	0.3



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125370	Rock	20.31	0.014	0.3	<1	11.91	13	<0.001	<0.01	0.005	0.04	<0.1	<0.1	<1	0.1	0.7	0.3	<0.1	<1	<1
125371	Drill Core	3.35	0.086	18.2	10	1.13	1034	0.210	7.12	0.058	3.06	1.7	84.9	37	0.6	8.6	9.3	0.7	2	5
125372	Drill Core	2.61	0.127	10.8	36	1.59	383	0.326	7.35	0.293	2.43	0.6	34.7	25	1.7	10.4	7.5	0.4	2	11
125373	Drill Core	2.12	0.139	9.4	36	1.58	449	0.309	6.82	0.302	2.18	0.4	29.5	22	1.6	9.9	7.3	0.4	1	11
125374	Drill Core	2.10	0.115	10.3	13	1.00	135	0.212	6.89	1.047	2.42	0.4	25.2	24	1.5	8.0	5.0	0.3	1	6
125375	Drill Core	2.52	0.128	13.5	8	1.15	644	0.214	7.39	0.083	2.86	1.0	31.6	29	1.4	8.0	5.6	0.3	2	6
125376	Drill Core	0.80	0.037	8.1	71	0.65	68	0.136	4.83	0.054	2.55	1.5	9.7	18	2.2	4.1	2.9	0.2	<1	8
125377	Drill Core	0.75	0.039	9.3	73	0.64	445	0.141	4.89	0.090	2.66	1.4	9.1	22	3.0	3.9	2.5	0.2	1	9
125378	Drill Core	1.05	0.037	8.1	64	0.73	55	0.142	5.58	0.091	2.87	1.0	7.3	20	2.9	4.2	2.5	0.2	1	11
125379	Drill Core	1.28	0.038	9.1	64	0.79	383	0.199	5.91	0.200	3.13	3.2	5.9	21	1.4	5.0	3.6	0.2	<1	12
125380	Drill Core	0.83	0.035	8.3	62	0.84	94	0.209	5.60	1.095	3.25	0.7	7.0	19	1.6	3.7	5.1	0.3	1	10
125381	Drill Core	2.12	0.088	8.1	14	0.87	185	0.194	6.11	0.995	2.69	0.6	17.6	17	1.4	6.2	4.3	0.3	<1	5
125382	Drill Core	1.64	0.098	8.2	14	0.77	161	0.194	6.35	2.226	2.56	0.3	19.2	17	1.7	6.3	4.7	0.3	<1	5
125383	Drill Core	1.50	0.093	7.1	14	0.70	106	0.170	6.05	1.196	2.32	0.6	16.9	16	1.4	6.5	4.2	0.3	<1	6
125384	Drill Core	1.74	0.108	7.5	11	0.82	109	0.171	6.42	0.594	3.16	0.6	19.1	18	1.6	8.1	4.6	0.3	2	5
125385	Rock Pulp	1.57	0.052	7.7	42	0.82	533	0.276	4.99	2.135	0.94	1.5	41.1	18	2.3	13.2	4.0	0.2	<1	10
125386	Drill Core	1.55	0.112	6.9	13	0.78	144	0.157	6.14	1.416	3.18	0.2	16.5	18	1.2	8.1	4.9	0.3	<1	5
125387	Drill Core	1.21	0.131	8.7	14	0.78	106	0.170	6.32	1.618	3.70	0.2	17.3	22	1.4	9.9	4.9	0.4	<1	5
125388	Drill Core	1.27	0.116	8.3	14	0.83	99	0.175	6.50	1.838	3.55	0.2	18.4	20	1.3	8.9	5.4	0.4	<1	5
125389	Drill Core	1.53	0.110	6.8	11	0.81	87	0.166	5.89	1.129	2.81	0.3	17.9	18	1.3	8.1	4.6	0.3	1	5
125390	Rock	20.03	0.013	0.2	<1	11.34	15	<0.001	<0.01	0.002	0.01	0.1	0.2	<1	0.1	0.5	<0.1	<0.1	<1	<1
125391	Drill Core	1.54	0.087	6.1	12	0.77	83	0.146	6.08	1.540	3.03	0.2	13.8	16	1.1	7.1	4.3	0.3	<1	5
125392	Drill Core	1.40	0.081	6.4	18	0.73	106	0.154	6.19	1.798	3.00	0.2	16.9	16	0.9	7.5	4.5	0.3	2	5
125393	Drill Core	2.21	0.126	12.3	13	0.77	91	0.202	6.82	2.726	2.31	0.2	14.5	30	1.1	8.8	5.7	0.4	2	5
125394	Drill Core	1.49	0.088	6.9	15	0.71	114	0.165	6.40	1.942	2.76	0.2	12.1	17	0.9	6.7	5.6	0.4	1	5
125395	Drill Core	0.96	0.038	4.0	14	0.51	129	0.099	5.34	1.684	2.71	0.2	9.4	9	1.0	3.0	2.8	0.2	1	5
125396	Drill Core	0.96	0.043	3.3	17	0.51	64	0.106	5.24	1.668	2.73	0.2	10.5	8	1.0	3.2	3.1	0.2	1	4
125397	Drill Core	1.51	0.088	6.9	11	0.72	84	0.163	5.94	1.135	2.95	0.8	13.4	17	1.0	6.2	4.7	0.3	1	5
125398	Drill Core	3.10	0.110	14.1	11	1.03	87	0.157	7.37	0.350	2.79	0.4	24.4	34	2.5	9.0	4.6	0.3	1	6
125399	Drill Core	1.97	0.096	15.9	9	0.87	95	0.119	7.51	0.646	3.17	0.6	25.4	37	2.8	8.7	3.4	0.3	2	5



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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125370	Rock	<0.1	4.0	<0.1
125371	Drill Core	0.2	133.5	2.4
125372	Drill Core	1.3	99.5	1.0
125373	Drill Core	1.5	59.7	0.8
125374	Drill Core	1.8	67.2	0.9
125375	Drill Core	1.2	123.9	0.8
125376	Drill Core	3.1	99.4	0.2
125377	Drill Core	3.6	91.9	0.4
125378	Drill Core	3.6	100.0	0.2
125379	Drill Core	2.1	133.9	0.2
125380	Drill Core	2.1	94.1	0.3
125381	Drill Core	2.4	71.1	0.6
125382	Drill Core	1.8	61.4	0.6
125383	Drill Core	2.2	56.7	0.6
125384	Drill Core	2.2	71.9	0.6
125385	Rock Pulp	0.3	23.1	1.3
125386	Drill Core	1.5	64.3	0.5
125387	Drill Core	1.9	78.6	0.6
125388	Drill Core	1.9	73.6	0.7
125389	Drill Core	2.0	74.1	0.6
125390	Rock	<0.1	0.3	<0.1
125391	Drill Core	2.2	70.0	0.5
125392	Drill Core	2.1	68.2	0.5
125393	Drill Core	2.1	56.7	0.5
125394	Drill Core	1.8	61.0	0.5
125395	Drill Core	2.1	57.9	0.3
125396	Drill Core	2.5	60.0	0.4
125397	Drill Core	2.1	89.2	0.4
125398	Drill Core	3.0	75.4	0.9
125399	Drill Core	2.8	88.1	0.9



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125400	Drill Core	7.36	0.013	3.4	767.1	12.2	68	0.6	4.3	9.7	623	3.08	129	2.0	<0.1	6.6	330	0.3	5.7	0.2
125401	Drill Core	7.45	0.022	6.6	463.8	169.9	870	2.8	7.0	8.7	4607	4.41	95	2.0	<0.1	5.9	291	5.2	10.8	0.8
125402	Drill Core	6.95	0.014	9.9	490.3	34.3	148	0.9	7.1	7.3	951	3.26	78	2.1	<0.1	5.9	634	0.7	12.7	0.2
125403	Drill Core	7.22	0.013	5.1	381.7	110.9	397	2.0	4.8	8.1	2522	3.75	89	2.6	<0.1	6.1	411	2.4	47.8	0.4
125404	Drill Core	7.56	0.009	4.0	357.0	135.3	466	2.6	5.4	9.9	4119	3.77	73	2.8	<0.1	6.2	565	2.8	74.4	0.3
125405	Drill Core	7.58	0.012	9.7	330.8	75.0	200	1.2	5.5	11.0	1738	3.82	64	2.7	<0.1	6.2	593	1.3	66.9	0.3
125406	Drill Core	7.41	0.010	8.0	506.0	54.6	192	1.4	4.8	10.3	1424	3.51	86	2.2	<0.1	5.8	834	1.3	17.8	0.3
125407	Rock Pulp	0.08	0.949	23.1	5303	6496	>10000	71.8	45.8	20.0	588	8.86	279	2.5	0.9	2.3	162	232.6	119.4	29.7
125408	Drill Core	7.74	0.010	12.8	403.0	111.6	508	2.0	5.6	9.8	2444	3.35	69	2.1	<0.1	5.4	718	3.5	14.4	0.3
125409	Drill Core	4.31	0.009	7.1	318.4	111.9	496	2.3	6.1	11.1	1416	3.93	65	1.8	<0.1	5.2	922	2.8	25.3	0.2
125410	Drill Core	7.48	<0.005	2.3	111.3	45.2	185	1.1	15.0	11.2	1933	3.30	40	2.6	<0.1	4.5	917	0.5	30.4	0.2
125411	Drill Core	7.43	0.018	5.1	702.5	46.5	131	1.3	6.0	8.9	1311	3.49	28	2.1	<0.1	5.5	843	0.5	4.1	0.4
125412	Drill Core	3.08	0.016	2.8	795.9	45.1	132	1.3	5.7	10.5	1171	3.70	14	2.0	<0.1	5.6	828	0.7	3.3	0.2
125413	Drill Core	3.14	0.013	37.5	430.5	55.8	360	0.4	8.7	11.0	758	4.03	6	3.9	<0.1	4.9	305	1.4	3.6	0.4
125414	Drill Core	6.40	0.009	13.3	339.0	40.1	147	0.7	8.1	10.4	416	3.89	1	2.9	<0.1	4.7	404	0.9	0.6	0.5
125415	Drill Core	5.44	0.018	43.1	430.1	20.5	69	0.2	7.9	9.1	161	3.84	14	3.2	<0.1	5.0	433	0.2	2.0	0.4
125416	Rock	0.77	<0.005	<0.1	0.7	1.0	14	<0.1	2.0	0.5	226	0.53	3	0.7	<0.1	<0.1	42	0.1	<0.1	<0.1
125417	Drill Core	5.76	<0.005	0.8	3.7	28.7	72	<0.1	2.6	1.5	414	0.86	9	10.0	<0.1	16.9	137	0.3	1.9	0.4
125418	Drill Core	6.87	<0.005	0.9	3.1	77.2	151	0.2	3.2	3.0	845	1.22	16	12.0	<0.1	13.9	208	0.8	1.0	0.1
125419	Drill Core	6.75	<0.005	0.8	2.2	30.3	116	0.1	1.9	1.8	506	0.94	14	10.8	<0.1	14.2	186	0.6	1.3	0.1
125420	Drill Core	3.78	<0.005	1.0	5.1	18.5	28	0.2	2.0	1.2	51	0.30	10	17.5	<0.1	14.3	210	<0.1	2.2	0.5
125421	Drill Core	7.13	0.019	17.7	627.7	54.7	152	0.4	7.3	16.7	481	4.64	24	4.3	<0.1	4.9	453	0.7	5.0	0.5
125422	Drill Core	3.92	0.022	5.8	481.5	92.9	197	0.5	9.3	15.3	421	5.01	16	1.8	<0.1	4.5	383	0.8	1.8	0.5
125423	Drill Core	3.83	<0.005	1.1	3.9	16.2	54	<0.1	1.7	1.6	489	0.87	7	10.7	<0.1	15.3	190	0.1	2.1	0.4
125424	Drill Core	5.83	<0.005	6.4	38.9	47.6	78	0.3	3.4	3.6	500	1.21	21	14.3	<0.1	11.3	341	0.5	2.5	0.7
125425	Rock Pulp	0.14	0.443	139.9	3739	27.6	70	2.3	38.0	21.3	456	4.56	43	1.5	0.3	2.7	244	0.3	4.1	0.5
125426	Drill Core	6.07	<0.005	0.6	11.7	20.2	51	<0.1	6.4	4.4	551	1.78	5	2.8	<0.1	7.2	523	0.2	1.2	0.3
125427	Drill Core	6.69	<0.005	1.1	16.1	16.9	57	<0.1	6.0	5.7	620	1.95	5	2.9	<0.1	7.0	443	0.1	0.9	0.2
125428	Drill Core	3.92	<0.005	0.9	13.4	15.6	60	<0.1	6.2	5.4	640	2.01	7	2.6	<0.1	7.1	455	0.3	1.6	0.2
125429	Drill Core	6.67	0.015	5.5	373.8	87.7	273	2.0	8.0	11.1	802	5.29	28	2.6	<0.1	4.1	494	2.4	7.1	0.3



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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling
Report Date: January 12, 2012

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125400	Drill Core	2.04	0.122	14.9	10	0.90	153	0.151	7.39	0.720	2.86	0.4	28.6	34	1.8	8.7	4.9	0.3	2	5
125401	Drill Core	2.08	0.106	15.9	5	0.83	463	0.121	7.02	0.070	2.88	1.3	24.5	35	2.0	8.2	3.7	0.2	2	5
125402	Drill Core	2.20	0.115	16.0	12	0.84	94	0.161	7.50	1.066	2.98	0.5	31.3	35	1.4	8.9	5.1	0.4	2	6
125403	Drill Core	2.22	0.121	16.6	5	0.80	125	0.111	7.31	0.260	3.42	0.6	25.4	35	1.9	7.1	2.7	0.2	2	6
125404	Drill Core	1.73	0.126	17.2	8	0.81	78	0.118	7.62	0.187	3.67	0.8	28.5	35	2.0	7.9	3.1	0.2	<1	6
125405	Drill Core	1.74	0.121	15.8	8	0.80	56	0.133	7.37	0.173	3.09	0.7	27.8	34	1.6	7.6	3.4	0.2	<1	6
125406	Drill Core	2.17	0.120	13.5	9	0.84	61	0.131	7.16	0.569	2.88	0.5	26.9	31	1.5	7.8	3.4	0.2	1	6
125407	Rock Pulp	1.77	0.050	10.1	28	0.88	77	0.178	3.87	1.222	0.73	1.3	29.2	23	52.3	10.8	4.2	0.2	<1	8
125408	Drill Core	2.24	0.116	12.8	8	0.79	64	0.138	7.00	0.511	2.46	0.7	20.6	28	1.0	7.5	3.8	0.3	<1	6
125409	Drill Core	1.53	0.117	12.5	8	0.81	49	0.108	6.66	0.274	2.92	0.7	18.7	30	1.9	6.7	3.0	0.2	<1	5
125410	Drill Core	3.29	0.134	17.3	14	1.23	745	0.361	7.38	0.075	2.15	1.0	83.5	37	0.8	9.0	7.1	0.4	1	8
125411	Drill Core	2.15	0.116	11.1	8	0.77	64	0.162	6.65	1.413	2.43	1.3	26.2	25	1.0	6.8	5.1	0.3	<1	6
125412	Drill Core	2.36	0.127	10.6	11	0.83	69	0.176	8.08	1.573	2.80	0.6	28.3	24	1.1	7.2	5.1	0.4	<1	7
125413	Drill Core	1.67	0.143	16.9	9	0.88	37	0.103	6.81	0.731	2.09	0.4	37.2	38	1.7	9.9	1.7	0.1	1	6
125414	Drill Core	1.34	0.138	17.0	8	0.67	33	0.088	7.54	0.256	2.46	0.4	38.2	39	1.9	10.1	1.9	0.1	1	5
125415	Drill Core	0.86	0.133	19.0	7	0.48	31	0.086	7.18	0.139	2.57	0.4	34.4	43	3.0	9.4	2.1	0.1	1	7
125416	Rock	17.28	0.012	0.4	<1	12.10	13	0.002	0.04	0.003	0.02	<0.1	0.3	<1	0.1	0.6	<0.1	<0.1	<1	<1
125417	Drill Core	1.02	0.028	10.5	3	0.38	387	0.078	6.44	0.081	2.86	1.4	59.6	22	0.9	7.9	16.2	1.5	2	2
125418	Drill Core	2.28	0.025	9.7	3	0.82	406	0.070	5.70	0.028	2.11	1.2	50.7	20	0.6	8.3	13.4	1.4	2	2
125419	Drill Core	1.52	0.024	8.9	3	0.55	459	0.069	5.58	0.038	2.29	1.1	52.7	19	0.7	7.5	13.7	1.4	2	2
125420	Drill Core	0.11	0.030	9.2	2	0.06	242	0.069	6.16	0.037	2.39	1.0	51.8	20	0.6	6.9	14.5	1.4	2	<1
125421	Drill Core	1.66	0.124	15.0	6	0.83	35	0.072	6.97	0.132	2.25	0.3	33.8	34	1.8	8.6	2.1	0.2	2	6
125422	Drill Core	1.44	0.123	13.6	8	0.77	25	0.067	6.55	0.332	2.27	0.4	31.5	33	2.4	6.6	1.7	0.1	<1	6
125423	Drill Core	1.50	0.029	10.0	3	0.54	401	0.072	6.02	0.165	2.74	1.2	54.0	21	0.7	8.1	14.7	1.4	2	2
125424	Drill Core	1.87	0.038	9.0	4	0.67	508	0.103	5.74	0.073	2.11	1.1	62.7	20	0.9	7.5	12.8	1.2	2	3
125425	Rock Pulp	0.38	0.115	13.7	60	1.02	121	0.270	6.26	1.445	3.84	13.5	28.0	28	2.3	10.7	2.5	0.2	1	15
125426	Drill Core	2.57	0.086	12.9	9	0.82	698	0.207	6.44	0.158	2.43	0.9	88.0	29	0.6	7.8	10.0	0.8	<1	5
125427	Drill Core	2.94	0.080	13.6	8	0.91	831	0.196	6.08	0.233	2.56	0.7	81.7	30	0.5	7.5	9.0	0.7	1	5
125428	Drill Core	3.37	0.079	13.8	8	1.05	799	0.196	5.85	0.176	2.46	0.7	81.0	30	0.5	7.9	9.3	0.8	1	5
125429	Drill Core	2.05	0.113	13.0	8	0.67	34	0.081	6.55	0.165	2.43	0.6	33.5	30	2.7	8.2	1.9	0.1	1	6



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CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125400	Drill Core	2.3	86.7	1.1
125401	Drill Core	3.7	119.2	0.9
125402	Drill Core	2.4	99.5	1.2
125403	Drill Core	2.7	116.8	0.9
125404	Drill Core	2.8	135.4	1.0
125405	Drill Core	3.1	119.1	0.9
125406	Drill Core	3.1	95.7	0.9
125407	Rock Pulp	9.4	22.1	0.9
125408	Drill Core	3.0	88.0	0.7
125409	Drill Core	3.5	116.1	0.7
125410	Drill Core	0.5	102.0	2.3
125411	Drill Core	2.8	87.3	0.9
125412	Drill Core	2.9	96.6	1.0
125413	Drill Core	3.5	65.4	1.2
125414	Drill Core	4.0	76.4	1.2
125415	Drill Core	3.6	79.3	1.1
125416	Rock	<0.1	0.6	<0.1
125417	Drill Core	<0.1	123.5	3.1
125418	Drill Core	<0.1	76.0	2.8
125419	Drill Core	<0.1	93.0	2.7
125420	Drill Core	<0.1	76.9	2.5
125421	Drill Core	4.4	71.3	1.1
125422	Drill Core	5.2	67.9	1.0
125423	Drill Core	<0.1	109.2	2.7
125424	Drill Core	0.2	87.8	2.6
125425	Rock Pulp	2.1	112.8	0.8
125426	Drill Core	<0.1	76.1	2.9
125427	Drill Core	<0.1	81.2	2.5
125428	Drill Core	<0.1	67.0	2.5
125429	Drill Core	4.9	74.7	1.1



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CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125430	Drill Core	3.34	0.015	5.1	400.5	75.1	160	1.4	9.3	10.7	590	4.30	23	2.9	<0.1	4.4	498	1.0	6.1	0.3
125431	Drill Core	4.75	0.022	4.7	441.3	21.1	81	0.3	10.2	11.7	499	3.74	8	2.8	<0.1	4.0	461	0.2	2.2	0.3
125432	Drill Core	4.48	0.018	4.5	391.9	24.0	63	0.3	9.4	14.3	503	3.38	10	3.5	<0.1	5.0	448	0.3	3.5	0.2
125433	Drill Core	5.44	<0.005	1.1	9.3	16.2	45	<0.1	6.5	4.5	565	1.97	6	2.6	<0.1	7.0	519	0.2	2.3	0.2
125434	Drill Core	3.36	0.028	5.7	692.9	248.4	618	2.2	7.6	9.9	1123	3.99	15	2.5	<0.1	4.4	407	3.4	6.5	0.3
125435	Drill Core	1.00	<0.005	1.1	32.9	85.0	200	2.2	2.0	2.6	1452	1.39	14	5.1	<0.1	9.7	288	0.9	7.8	0.3
125436	Rock	6.36	<0.005	<0.1	0.5	1.2	10	<0.1	1.2	0.5	234	0.49	3	0.5	<0.1	<0.1	41	<0.1	<0.1	<0.1
125437	Drill Core	7.13	0.016	9.5	548.8	189.6	520	6.6	10.4	13.4	435	6.30	15	1.4	<0.1	3.3	397	3.2	9.7	0.4
125438	Drill Core	7.92	0.030	5.5	752.8	161.8	592	1.6	7.6	10.3	503	4.99	2	1.4	<0.1	4.6	525	3.5	1.5	0.5
125439	Drill Core	8.19	0.056	3.2	1291	12.8	47	0.3	7.1	11.8	168	4.30	<1	1.3	<0.1	4.6	723	0.2	0.7	0.4
125440	Drill Core	7.40	0.044	5.0	936.7	40.7	182	1.0	7.5	9.3	367	3.86	3	1.2	<0.1	4.1	606	1.1	1.7	0.2
125441	Drill Core	6.89	0.038	7.2	921.3	82.1	243	0.9	7.1	11.3	564	3.86	<1	1.3	<0.1	4.2	599	1.3	1.1	0.3
125442	Drill Core	7.56	0.027	4.4	821.3	45.6	136	1.2	8.2	10.2	691	3.64	2	1.2	<0.1	4.4	644	0.6	1.1	0.2
125443	Drill Core	7.88	0.042	4.3	1074	115.8	686	3.3	10.9	12.2	988	4.60	6	0.9	<0.1	4.2	711	3.8	11.1	0.3
125444	Drill Core	7.89	0.044	6.3	1250	332.0	701	9.2	7.9	11.0	2510	4.39	11	1.2	<0.1	4.3	674	4.1	27.6	0.5
125445	Rock Pulp	0.11	0.891	23.3	5167	5719	>10000	69.0	44.9	17.2	563	8.84	336	2.3	1.4	2.4	159	236.1	118.7	29.6
125446	Drill Core	7.38	0.042	4.6	1075	64.2	248	1.6	9.3	10.2	709	4.17	9	1.0	<0.1	4.5	502	1.5	10.8	0.2
125447	Drill Core	7.13	0.088	9.7	2099	98.3	443	2.3	34.8	17.5	941	5.39	12	1.1	<0.1	4.9	303	2.3	4.2	0.5
125448	Drill Core	7.13	0.088	6.5	2493	32.6	197	2.3	39.6	14.4	514	5.17	5	1.1	<0.1	5.6	374	1.2	1.4	0.6
125449	Drill Core	3.38	0.100	5.0	2468	149.1	994	6.0	34.2	17.4	915	5.31	12	2.0	<0.1	5.0	233	5.3	2.5	1.0
125450	Rock	1.05	<0.005	<0.1	5.6	1.1	12	<0.1	2.8	0.6	211	0.45	<1	0.5	<0.1	<0.1	39	<0.1	<0.1	<0.1
125451	Drill Core	6.87	<0.005	1.3	134.2	83.4	321	1.2	6.6	4.7	1301	1.82	16	5.3	<0.1	11.0	562	1.4	5.1	0.3
125452	Drill Core	7.30	<0.005	0.9	6.2	56.7	153	2.5	3.6	2.3	1783	1.24	5	4.8	<0.1	12.7	333	0.4	1.9	0.3
125453	Drill Core	7.33	<0.005	2.3	12.7	96.6	406	1.3	2.6	2.0	1540	1.31	7	6.8	<0.1	13.6	270	2.1	1.4	0.5
125454	Drill Core	6.94	<0.005	1.7	6.7	130.7	385	1.3	1.8	2.1	1689	1.45	14	8.4	<0.1	13.7	310	1.8	2.3	0.3
125455	Drill Core	4.85	0.031	17.1	1018	63.4	246	1.4	8.1	10.9	991	3.91	148	2.3	<0.1	5.0	359	1.3	11.4	0.7
125456	Drill Core	6.42	<0.005	1.8	65.1	14.8	45	0.2	8.1	7.3	524	2.26	4	3.3	<0.1	8.0	505	0.2	1.0	0.2
125457	Drill Core	6.99	<0.005	1.8	42.1	15.2	56	0.2	9.0	8.7	458	2.33	5	3.8	<0.1	7.8	596	0.4	1.2	0.5
125458	Drill Core	6.74	0.010	1.6	133.5	19.6	65	0.6	8.3	8.4	574	2.16	6	4.1	<0.1	6.9	533	0.2	1.0	1.3
125459	Drill Core	3.69	0.012	1.8	151.5	19.1	63	0.8	8.2	8.7	593	2.13	10	4.8	<0.1	6.7	500	0.2	0.9	1.3



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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125430	Drill Core	1.94	0.117	14.2	7	0.69	40	0.079	6.75	0.159	2.61	0.4	36.5	33	2.5	8.2	1.8	0.1	1	6
125431	Drill Core	2.25	0.120	13.6	8	0.95	60	0.117	6.57	0.083	2.13	0.2	38.0	32	1.7	7.8	2.6	0.2	1	6
125432	Drill Core	2.25	0.108	12.2	9	0.81	66	0.102	6.72	0.066	1.94	0.3	38.9	29	1.3	7.1	3.5	0.3	1	6
125433	Drill Core	2.96	0.086	14.0	8	1.01	829	0.221	6.46	0.121	2.19	0.7	87.9	30	0.6	8.7	9.9	0.8	1	5
125434	Drill Core	1.98	0.129	13.2	6	0.85	41	0.076	6.95	0.226	2.32	0.4	34.7	31	2.3	7.5	1.6	0.1	<1	7
125435	Drill Core	1.91	0.075	11.7	3	0.60	879	0.071	5.54	0.024	1.76	0.9	43.5	24	0.5	7.2	8.4	0.8	2	2
125436	Rock	17.42	0.014	0.4	<1	11.98	13	0.001	0.05	0.002	0.02	<0.1	0.2	<1	<0.1	0.6	0.1	<0.1	<1	<1
125437	Drill Core	2.89	0.115	7.4	5	0.72	28	0.060	5.69	0.099	1.98	0.3	23.7	19	2.1	6.2	1.6	<0.1	<1	5
125438	Drill Core	2.83	0.136	11.4	5	0.72	35	0.078	7.07	0.661	2.46	0.4	25.9	27	2.6	7.4	1.4	0.1	1	5
125439	Drill Core	2.98	0.129	10.6	7	0.78	41	0.109	6.74	1.822	1.92	0.2	24.9	26	1.9	7.5	2.0	0.1	1	5
125440	Drill Core	2.57	0.115	12.5	11	1.00	43	0.136	6.99	1.221	2.00	0.3	27.3	30	2.0	6.8	2.6	0.2	<1	6
125441	Drill Core	2.90	0.124	10.0	6	0.93	52	0.121	6.80	1.283	2.18	0.2	22.9	25	1.5	6.8	2.0	0.2	1	5
125442	Drill Core	3.24	0.131	9.6	9	0.91	64	0.129	6.52	1.579	2.23	0.2	22.0	23	1.7	7.0	2.6	0.2	<1	5
125443	Drill Core	2.66	0.123	10.1	8	1.08	57	0.168	6.64	1.054	2.31	0.2	21.5	25	1.4	7.0	2.9	0.2	<1	5
125444	Drill Core	2.34	0.120	9.3	6	0.93	73	0.120	6.80	0.505	2.31	0.4	21.2	23	1.9	6.4	2.2	0.1	1	5
125445	Rock Pulp	1.70	0.048	9.7	30	0.86	88	0.165	3.66	1.246	0.68	1.1	30.0	22	51.3	11.2	4.4	0.2	<1	6
125446	Drill Core	2.81	0.119	9.4	9	1.05	65	0.116	6.41	0.815	1.81	0.2	22.3	23	1.5	6.6	2.1	0.1	<1	5
125447	Drill Core	2.33	0.101	10.2	41	1.14	47	0.154	6.61	0.468	2.07	0.4	19.3	24	2.4	6.2	2.3	0.1	<1	8
125448	Drill Core	2.17	0.084	10.8	53	1.11	47	0.152	7.16	0.410	2.39	0.4	19.6	26	2.5	6.3	1.9	0.1	1	11
125449	Drill Core	2.52	0.087	10.6	24	1.12	63	0.130	6.31	0.076	2.31	0.8	24.9	23	2.5	6.8	2.5	0.1	1	7
125450	Rock	16.62	0.013	0.4	<1	11.64	15	0.002	<0.01	0.002	0.02	<0.1	0.2	<1	<0.1	0.5	0.1	<0.1	<1	<1
125451	Drill Core	2.15	0.081	18.4	7	0.83	1676	0.144	6.73	0.083	2.81	1.0	59.7	36	0.8	8.4	8.9	0.8	2	3
125452	Drill Core	1.89	0.068	15.3	3	0.67	980	0.070	5.96	0.028	2.41	1.0	41.6	31	0.6	7.7	8.2	0.8	1	1
125453	Drill Core	2.37	0.072	17.7	3	0.74	948	0.066	6.30	0.044	3.15	1.0	41.2	34	0.6	8.6	8.3	0.8	1	2
125454	Drill Core	2.01	0.075	17.2	3	0.76	1129	0.069	6.40	0.034	2.73	0.9	43.5	34	0.5	8.9	8.9	0.9	2	2
125455	Drill Core	2.22	0.121	12.5	9	0.89	91	0.106	7.15	0.096	2.88	0.5	29.5	29	2.2	7.5	2.4	0.1	2	5
125456	Drill Core	3.08	0.085	15.8	10	0.98	1034	0.195	6.61	0.105	2.50	1.9	79.7	32	0.6	8.5	9.5	0.7	1	4
125457	Drill Core	3.12	0.090	15.2	11	0.97	852	0.219	6.77	0.240	3.08	1.8	85.3	32	0.5	8.6	9.2	0.7	1	4
125458	Drill Core	2.88	0.074	15.7	12	1.01	1147	0.215	6.53	0.128	2.30	1.8	78.8	31	0.7	8.0	8.5	0.7	1	5
125459	Drill Core	2.86	0.079	15.5	11	1.01	1063	0.213	6.76	0.124	2.45	1.7	77.2	31	0.7	7.7	8.3	0.7	2	5



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125430	Drill Core	3.9	79.6	1.1
125431	Drill Core	2.8	49.1	1.1
125432	Drill Core	2.7	48.8	1.3
125433	Drill Core	0.2	59.5	2.8
125434	Drill Core	3.6	68.5	1.0
125435	Drill Core	0.3	61.1	2.0
125436	Rock	<0.1	0.5	<0.1
125437	Drill Core	6.7	37.9	0.7
125438	Drill Core	5.0	59.0	0.8
125439	Drill Core	4.2	44.3	0.7
125440	Drill Core	3.8	58.4	0.8
125441	Drill Core	3.6	47.3	0.7
125442	Drill Core	3.4	45.5	0.7
125443	Drill Core	3.0	57.1	0.6
125444	Drill Core	3.0	58.3	0.6
125445	Rock Pulp	7.9	19.9	1.0
125446	Drill Core	2.9	42.4	0.6
125447	Drill Core	3.8	53.2	0.6
125448	Drill Core	3.4	62.6	0.6
125449	Drill Core	3.7	81.6	0.7
125450	Rock	<0.1	0.5	<0.1
125451	Drill Core	0.3	110.9	2.1
125452	Drill Core	<0.1	90.2	2.0
125453	Drill Core	0.4	128.4	1.9
125454	Drill Core	0.2	117.5	2.0
125455	Drill Core	2.5	94.7	0.9
125456	Drill Core	<0.1	63.7	2.6
125457	Drill Core	<0.1	81.2	2.6
125458	Drill Core	<0.1	52.0	2.4
125459	Drill Core	<0.1	55.4	2.6



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Part 1

CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
125460	Drill Core	5.92	<0.005	0.7	19.5	18.6	69	0.1	6.3	4.4	714	1.92	5	3.6	<0.1	7.6	525	<0.1	1.8	0.2
125461	Drill Core	7.77	0.077	37.2	2087	65.7	243	1.3	8.6	12.2	766	4.95	5	1.9	<0.1	4.7	441	1.4	1.7	0.4
125462	Drill Core	7.35	0.048	11.5	1344	116.3	404	1.3	6.5	9.7	1170	4.39	7	1.4	<0.1	4.6	487	2.3	3.1	0.4
125463	Drill Core	7.67	0.046	6.9	1546	26.3	73	0.4	6.6	11.4	166	4.73	3	1.1	<0.1	3.9	517	0.3	0.6	0.3
125464	Rock	0.47	<0.005	<0.1	7.0	1.0	11	<0.1	1.8	0.5	240	0.49	1	0.4	<0.1	<0.1	37	<0.1	<0.1	<0.1
125465	Drill Core	7.46	0.053	4.0	1776	37.8	116	0.5	5.8	9.9	619	4.10	2	1.2	0.1	4.9	713	0.6	1.1	0.4
125466	Drill Core	8.00	0.068	5.6	2479	249.8	901	2.2	8.9	11.3	2035	5.44	5	1.1	0.1	4.7	465	6.1	7.3	0.6
125467	Drill Core	7.60	0.104	13.6	3623	61.6	138	1.8	11.6	17.3	913	6.19	3	0.8	0.3	4.5	480	0.8	5.9	0.8
125468	Drill Core	8.07	0.073	6.7	1817	59.5	120	0.9	8.6	11.8	1078	6.96	2	0.9	<0.1	4.2	553	0.6	2.1	0.5
125469	Drill Core	6.92	0.102	5.9	2440	51.9	145	1.8	8.6	12.4	932	7.71	2	0.9	0.1	4.0	523	0.8	5.7	0.4
125470	Drill Core	3.87	0.076	11.4	2437	109.5	277	3.5	9.7	13.7	939	7.54	5	0.8	<0.1	3.3	517	2.1	15.0	0.4
125471	Drill Core	7.45	0.054	7.0	1603	26.4	83	0.6	7.7	11.2	1058	5.69	3	0.8	<0.1	4.8	386	0.3	3.9	0.3
125472	Drill Core	7.70	0.086	5.2	2610	168.1	458	3.8	9.8	10.7	1865	5.64	10	0.8	<0.1	4.8	409	2.2	12.1	0.4
125473	Drill Core	5.69	0.064	19.3	1627	61.4	116	1.8	8.7	10.0	649	5.26	3	0.8	0.1	4.7	540	0.7	1.2	0.4
125474	Rock Pulp	0.11	0.842	159.9	3620	49.9	120	3.6	27.5	19.8	527	4.85	60	1.2	0.9	2.7	248	0.7	7.7	0.6
125475	Drill Core	7.67	0.247	9.6	5650	31.8	80	2.3	26.1	14.4	514	5.64	2	0.6	0.2	4.7	459	0.2	1.0	0.3
125476	Drill Core	7.69	0.218	11.4	5709	58.0	209	3.6	33.8	15.8	552	5.69	2	0.6	0.3	4.9	372	1.0	1.7	0.4
125477	Drill Core	8.40	0.155	6.3	4108	24.3	105	1.6	27.0	12.0	414	4.87	2	0.7	0.2	5.3	404	0.4	0.6	0.3
125478	Drill Core	7.65	0.167	4.7	3906	41.7	280	3.8	16.4	12.4	980	5.89	4	0.6	0.2	4.9	366	1.0	1.7	0.4
125479	Drill Core	7.97	0.154	3.1	4394	29.8	215	4.5	20.3	12.9	1440	6.13	4	0.5	0.2	3.6	240	0.9	1.6	0.3
125480	Drill Core	7.52	0.112	10.1	3546	95.9	255	5.9	29.3	14.0	1109	5.20	3	0.5	0.1	4.6	307	1.2	3.2	0.4
125481	Drill Core	7.48	0.087	6.9	2848	176.9	551	6.8	24.0	14.5	564	6.66	4	0.3	<0.1	3.5	186	3.0	2.6	0.5
125482	Drill Core	7.10	0.144	5.3	4482	65.0	276	3.7	19.8	14.4	927	6.50	2	0.6	0.2	4.2	346	1.7	1.3	0.4
125483	Drill Core	6.83	0.065	60.6	1942	43.7	401	2.2	7.3	9.1	916	4.60	3	1.2	<0.1	5.5	556	1.9	1.4	0.2
125484	Drill Core	3.81	0.055	44.1	1788	44.7	378	2.0	5.7	8.7	915	4.36	3	1.2	<0.1	5.5	473	1.9	1.4	0.2
125485	Drill Core	7.94	0.082	15.4	2675	33.8	179	2.2	8.2	10.9	685	5.07	2	0.8	<0.1	4.5	567	0.9	0.6	0.2
125486	Drill Core	8.24	0.076	9.8	1944	53.9	137	1.9	6.8	8.0	892	4.41	2	1.1	<0.1	5.4	523	0.6	1.2	0.2
125487	Rock Pulp	0.10	0.410	141.9	3861	27.1	68	2.6	39.5	21.2	446	4.73	43	1.2	0.9	3.0	258	<0.1	4.0	0.4
125488	Drill Core	7.69	0.123	11.6	2990	37.0	138	1.6	15.6	11.1	729	6.12	4	0.7	<0.1	4.9	406	0.6	1.9	0.3
125489	Drill Core	8.01	0.191	6.7	4915	11.8	72	2.1	33.0	13.4	616	6.47	3	0.5	0.2	5.2	285	<0.1	0.6	0.4



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
125460	Drill Core	2.65	0.072	15.5	10	0.93	674	0.225	6.91	0.064	2.40	1.0	84.2	30	0.7	8.7	9.4	0.8	<1	5
125461	Drill Core	2.04	0.112	11.0	7	0.82	31	0.090	6.39	0.104	2.39	0.3	23.5	27	2.1	7.4	1.8	0.1	<1	5
125462	Drill Core	2.25	0.105	10.3	7	0.79	39	0.101	6.69	0.108	2.26	1.2	23.9	24	2.0	6.9	2.1	0.2	1	6
125463	Drill Core	2.77	0.100	8.2	6	0.66	38	0.079	6.14	0.465	1.93	0.3	21.5	19	2.0	6.4	1.8	0.1	<1	5
125464	Rock	18.18	0.021	0.4	<1	13.13	13	0.002	0.02	0.004	0.02	<0.1	0.2	<1	0.2	0.8	0.1	<0.1	<1	<1
125465	Drill Core	2.96	0.124	8.7	6	0.89	55	0.114	6.96	1.121	2.28	0.3	25.7	23	1.7	6.8	2.5	0.2	1	5
125466	Drill Core	2.71	0.123	9.4	6	0.74	32	0.081	7.02	0.120	2.89	0.5	20.3	23	2.9	7.1	1.9	0.1	1	4
125467	Drill Core	2.33	0.113	8.2	7	0.84	28	0.088	6.69	0.418	2.47	0.3	13.3	20	2.6	6.4	1.8	0.1	1	5
125468	Drill Core	2.30	0.115	8.7	7	0.97	27	0.128	6.82	0.801	2.45	0.3	17.6	22	1.8	6.9	2.9	0.2	<1	5
125469	Drill Core	1.88	0.111	7.3	5	0.90	28	0.120	6.19	0.743	2.57	0.3	17.6	19	2.1	6.1	2.2	0.2	1	4
125470	Drill Core	1.80	0.099	5.7	6	0.79	29	0.109	5.60	0.644	2.47	0.4	17.0	15	2.4	4.9	2.2	0.1	<1	4
125471	Drill Core	2.19	0.114	10.4	5	0.95	47	0.110	6.72	0.081	2.45	0.5	14.5	25	1.6	6.6	2.0	0.2	1	5
125472	Drill Core	2.06	0.107	9.1	6	0.91	48	0.133	6.93	0.125	2.58	0.6	14.4	21	1.6	6.2	2.7	0.2	1	5
125473	Drill Core	2.21	0.120	12.2	8	0.84	22	0.122	6.46	0.975	2.84	0.3	16.0	27	1.5	8.1	2.6	0.2	<1	5
125474	Rock Pulp	0.43	0.103	15.0	44	0.82	223	0.260	6.54	1.089	3.77	25.4	22.8	29	3.0	11.3	3.4	0.2	2	12
125475	Drill Core	1.63	0.057	9.2	51	0.90	19	0.138	5.99	1.011	3.00	0.4	9.9	20	1.9	5.2	2.7	0.1	<1	10
125476	Drill Core	1.43	0.059	10.4	49	0.83	24	0.123	6.07	0.539	3.22	0.4	8.5	24	2.4	5.1	1.9	0.1	<1	11
125477	Drill Core	1.68	0.089	11.7	45	0.97	32	0.150	7.12	1.217	3.31	0.2	12.5	27	2.2	6.3	3.1	0.2	1	9
125478	Drill Core	1.62	0.116	9.9	15	0.89	25	0.133	6.43	0.703	2.65	0.3	11.0	24	2.5	7.3	2.8	0.2	<1	6
125479	Drill Core	1.27	0.062	7.6	44	0.83	23	0.131	5.51	0.387	2.22	0.3	9.0	17	2.2	5.1	3.1	0.2	1	7
125480	Drill Core	1.49	0.053	9.8	61	0.74	23	0.109	6.34	0.236	3.16	0.4	9.5	22	3.4	5.4	1.9	0.1	<1	11
125481	Drill Core	1.19	0.060	5.8	45	0.37	19	0.078	5.20	0.140	2.64	0.5	7.2	14	4.5	5.0	1.3	<0.1	<1	7
125482	Drill Core	1.59	0.076	8.0	31	0.88	19	0.108	6.07	0.246	2.61	0.3	8.4	19	2.2	5.6	1.9	0.1	<1	8
125483	Drill Core	2.61	0.113	15.4	6	0.94	30	0.129	7.10	0.579	2.37	0.2	20.3	34	2.1	8.4	3.3	0.2	<1	6
125484	Drill Core	2.65	0.110	15.1	6	0.95	32	0.129	7.07	0.556	2.36	0.3	20.2	33	1.5	8.4	2.9	0.2	1	6
125485	Drill Core	3.63	0.088	23.1	7	0.64	23	0.105	5.46	1.041	1.86	0.2	13.1	52	1.7	14.1	2.6	0.1	<1	5
125486	Drill Core	2.22	0.108	12.6	6	0.80	36	0.132	6.66	0.953	2.52	0.4	13.4	27	1.7	7.3	2.8	0.2	<1	6
125487	Rock Pulp	0.41	0.104	18.1	64	1.06	459	0.289	7.24	1.418	3.78	14.6	27.9	33	2.4	11.4	3.0	0.2	<1	16
125488	Drill Core	1.86	0.084	9.7	30	0.94	23	0.137	6.30	0.638	2.88	0.4	12.2	21	1.7	6.4	3.2	0.2	<1	7
125489	Drill Core	1.16	0.056	8.5	67	1.07	38	0.180	5.97	0.968	3.17	0.2	7.2	19	1.8	5.6	3.7	0.2	<1	11



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Project: Poplar Drilling
Report Date: January 12, 2012

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CERTIFICATE OF ANALYSIS

SMI11000788.2

	Method	1EX	1EX	1EX
	Analyte	S	Rb	Hf
	Unit	%	ppm	ppm
	MDL	0.1	0.1	0.1
125460	Drill Core	0.2	59.2	2.5
125461	Drill Core	5.1	63.3	0.9
125462	Drill Core	4.6	60.2	0.8
125463	Drill Core	5.8	34.9	0.7
125464	Rock	<0.1	0.9	<0.1
125465	Drill Core	3.9	53.0	0.8
125466	Drill Core	5.5	79.2	0.6
125467	Drill Core	5.7	67.0	0.5
125468	Drill Core	5.7	67.7	0.5
125469	Drill Core	5.6	67.0	0.5
125470	Drill Core	5.4	55.9	0.5
125471	Drill Core	3.9	68.3	0.4
125472	Drill Core	4.1	79.0	0.4
125473	Drill Core	5.0	80.8	0.5
125474	Rock Pulp	2.4	91.7	0.7
125475	Drill Core	5.1	76.6	0.3
125476	Drill Core	5.3	76.4	0.2
125477	Drill Core	4.2	77.0	0.4
125478	Drill Core	5.1	78.8	0.3
125479	Drill Core	4.8	67.9	0.2
125480	Drill Core	5.0	78.8	0.3
125481	Drill Core	7.5	62.5	0.2
125482	Drill Core	6.1	75.8	0.3
125483	Drill Core	4.2	78.3	0.7
125484	Drill Core	4.0	75.0	0.6
125485	Drill Core	6.5	65.5	0.5
125486	Drill Core	4.1	84.3	0.5
125487	Rock Pulp	2.0	98.9	0.7
125488	Drill Core	5.3	98.3	0.4
125489	Drill Core	4.2	88.9	0.2



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QUALITY CONTROL REPORT

SMI11000788.2

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
125394	Drill Core	7.45	0.040	5.7	2153	16.8	52	0.8	10.2	11.8	279	5.39	12	0.8	<0.1	4.2	551	0.2	1.0	0.2	64
REP 125394	QC	0.039																			
125429	Drill Core	6.67	0.015	5.5	373.8	87.7	273	2.0	8.0	11.1	802	5.29	28	2.6	<0.1	4.1	494	2.4	7.1	0.3	77
REP 125429	QC	0.021																			
125437	Drill Core	7.13	0.016	9.5	548.8	189.6	520	6.6	10.4	13.4	435	6.30	15	1.4	<0.1	3.3	397	3.2	9.7	0.4	60
REP 125437	QC	14.0 558.6 187.0 553 7.1 10.4 14.4 450 6.30 13 1.4 <0.1 3.6 408 4.2 10.2 0.5 61																			
125459	Drill Core	3.69	0.012	1.8	151.5	19.1	63	0.8	8.2	8.7	593	2.13	10	4.8	<0.1	6.7	500	0.2	0.9	1.3	58
REP 125459	QC	2.0 145.6 19.9 62 0.7 8.2 9.0 596 2.17 10 4.9 <0.1 7.1 522 0.2 1.0 1.1 60																			
125467	Drill Core	7.60	0.104	13.6	3623	61.6	138	1.8	11.6	17.3	913	6.19	3	0.8	0.3	4.5	480	0.8	5.9	0.8	62
REP 125467	QC	0.117																			
125469	Drill Core	6.92	0.102	5.9	2440	51.9	145	1.8	8.6	12.4	932	7.71	2	0.9	0.1	4.0	523	0.8	5.7	0.4	72
REP 125469	QC	6.4 2389 50.3 132 2.1 9.9 12.1 965 7.51 2 0.9 0.1 3.9 498 0.8 5.7 0.4 72																			
125489	Drill Core	8.01	0.191	6.7	4915	11.8	72	2.1	33.0	13.4	616	6.47	3	0.5	0.2	5.2	285	<0.1	0.6	0.4	97
REP 125489	QC	0.192																			
Core Reject Duplicates																					
125383	Drill Core	6.51	0.121	5.1	6449	11.0	56	1.8	9.1	12.3	424	4.50	25	1.0	0.1	3.8	460	0.2	16.3	<0.1	61
DUP 125383	QC	0.116 6.6 6602 11.6 52 2.0 10.8 12.3 463 5.02 24 1.1 0.2 4.2 502 0.2 14.5 <0.1 59																			
125418	Drill Core	6.87	<0.005	0.9	3.1	77.2	151	0.2	3.2	3.0	845	1.22	16	12.0	<0.1	13.9	208	0.8	1.0	0.1	14
DUP 125418	QC	<0.005 1.3 3.2 77.4 150 0.2 3.1 2.4 824 1.21 15 12.2 <0.1 14.4 215 1.0 1.1 0.1 15																			
125453	Drill Core	7.33	<0.005	2.3	12.7	96.6	406	1.3	2.6	2.0	1540	1.31	7	6.8	<0.1	13.6	270	2.1	1.4	0.5	22
DUP 125453	QC	<0.005 2.0 11.1 92.0 393 1.2 3.0 2.2 1500 1.30 6 6.6 <0.1 12.9 266 2.0 1.6 0.5 22																			
125488	Drill Core	7.69	0.123	11.6	2990	37.0	138	1.6	15.6	11.1	729	6.12	4	0.7	<0.1	4.9	406	0.6	1.9	0.3	75
DUP 125488	QC	0.107 11.4 3127 37.5 137 1.6 16.1 11.3 762 6.12 4 0.8 0.1 4.8 407 0.7 2.0 0.4 77																			
Reference Materials																					
STD OREAS24P	Standard	1.4 55.1 2.6 122 <0.1 136.8 44.3 1115 7.35 3 0.6 <0.1 2.8 374 <0.1 <0.1 <0.1 151																			
STD OREAS24P	Standard	1.7 57.5 2.7 105 <0.1 139.4 43.9 1066 7.11 4 0.6 <0.1 2.9 387 0.2 0.3 0.1 147																			
STD OREAS24P	Standard	1.5 47.8 2.7 106 <0.1 136.5 41.5 1071 7.32 1 0.7 <0.1 3.1 406 0.1 <0.1 <0.1 154																			
STD OREAS24P	Standard	1.2 48.9 2.9 109 <0.1 141.6 43.5 1073 7.46 2 0.8 <0.1 2.9 340 <0.1 <0.1 <0.1 164																			



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Project: Poplar Drilling

Report Date: January 12, 2012

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QUALITY CONTROL REPORT

SMI11000788.2

Method Analyte Unit MDL		1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	
Pulp Duplicates																					
125394	Drill Core	1.49	0.088	6.9	15	0.71	114	0.165	6.40	1.942	2.76	0.2	12.1	17	0.9	6.7	5.6	0.4	1	5	44.7
REP 125394	QC																				
125429	Drill Core	2.05	0.113	13.0	8	0.67	34	0.081	6.55	0.165	2.43	0.6	33.5	30	2.7	8.2	1.9	0.1	1	6	14.0
REP 125429	QC																				
125437	Drill Core	2.89	0.115	7.4	5	0.72	28	0.060	5.69	0.099	1.98	0.3	23.7	19	2.1	6.2	1.6	<0.1	<1	5	17.9
REP 125437	QC	2.95	0.117	9.0	6	0.78	39	0.060	6.20	0.101	2.05	0.3	22.9	22	2.0	6.3	1.5	<0.1	1	5	18.1
125459	Drill Core	2.86	0.079	15.5	11	1.01	1063	0.213	6.76	0.124	2.45	1.7	77.2	31	0.7	7.7	8.3	0.7	2	5	24.6
REP 125459	QC	2.91	0.081	16.8	10	1.04	1091	0.212	7.08	0.130	2.63	1.7	77.7	32	0.8	8.4	8.2	0.6	1	5	23.0
125467	Drill Core	2.33	0.113	8.2	7	0.84	28	0.088	6.69	0.418	2.47	0.3	13.3	20	2.6	6.4	1.8	0.1	1	5	12.0
REP 125467	QC																				
125469	Drill Core	1.88	0.111	7.3	5	0.90	28	0.120	6.19	0.743	2.57	0.3	17.6	19	2.1	6.1	2.2	0.2	1	4	8.7
REP 125469	QC	1.84	0.101	7.5	6	0.88	29	0.118	6.08	0.713	2.52	0.3	17.5	19	2.3	6.1	2.2	0.2	<1	4	9.6
125489	Drill Core	1.16	0.056	8.5	67	1.07	38	0.180	5.97	0.968	3.17	0.2	7.2	19	1.8	5.6	3.7	0.2	<1	11	5.7
REP 125489	QC																				
Core Reject Duplicates																					
125383	Drill Core	1.50	0.093	7.1	14	0.70	106	0.170	6.05	1.196	2.32	0.6	16.9	16	1.4	6.5	4.2	0.3	<1	6	28.4
DUP 125383	QC	1.75	0.101	7.6	17	0.82	110	0.194	6.20	1.274	2.70	0.9	18.6	16	1.6	7.1	4.8	0.3	<1	5	27.4
125418	Drill Core	2.28	0.025	9.7	3	0.82	406	0.070	5.70	0.028	2.11	1.2	50.7	20	0.6	8.3	13.4	1.4	2	2	29.3
DUP 125418	QC	2.26	0.026	9.9	3	0.82	443	0.073	5.89	0.030	2.18	1.1	55.4	21	0.7	8.9	13.6	1.3	2	2	30.7
125453	Drill Core	2.37	0.072	17.7	3	0.74	948	0.066	6.30	0.044	3.15	1.0	41.2	34	0.6	8.6	8.3	0.8	1	2	10.9
DUP 125453	QC	2.28	0.067	16.3	3	0.71	908	0.068	6.00	0.042	2.72	0.9	40.5	32	0.6	8.3	8.8	0.8	2	2	11.4
125488	Drill Core	1.86	0.084	9.7	30	0.94	23	0.137	6.30	0.638	2.88	0.4	12.2	21	1.7	6.4	3.2	0.2	<1	7	6.6
DUP 125488	QC	1.87	0.087	9.7	31	0.94	42	0.140	6.55	0.647	2.98	0.5	12.3	21	1.5	6.4	2.9	0.2	1	8	8.3
Reference Materials																					
STD OREAS24P	Standard	5.79	0.133	17.2	185	3.91	266	1.037	7.30	2.469	0.65	0.3	131.6	37	1.7	21.8	19.6	1.1	1	20	7.3
STD OREAS24P	Standard	5.59	0.126	18.1	186	3.86	249	1.036	7.31	2.381	0.65	0.4	125.0	36	1.5	20.2	18.1	1.1	1	20	7.6
STD OREAS24P	Standard	5.45	0.134	18.2	183	3.99	284	1.045	7.55	2.486	0.66	0.4	127.6	36	1.5	21.6	18.6	1.0	<1	17	7.8
STD OREAS24P	Standard	5.49	0.126	17.9	207	4.00	274	1.013	7.52	2.483	0.62	0.4	128.2	37	1.4	21.4	18.0	1.1	1	20	7.6



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QUALITY CONTROL REPORT

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Method		1EX	1EX	1EX
Analyte		S	Rb	Hf
Unit		%	ppm	ppm
MDL		0.1	0.1	0.1
Pulp Duplicates				
125394	Drill Core	1.8	61.0	0.5
REP 125394	QC			
125429	Drill Core	4.9	74.7	1.1
REP 125429	QC			
125437	Drill Core	6.7	37.9	0.7
REP 125437	QC	6.8	46.6	0.8
125459	Drill Core	<0.1	55.4	2.6
REP 125459	QC	<0.1	63.0	2.4
125467	Drill Core	5.7	67.0	0.5
REP 125467	QC			
125469	Drill Core	5.6	67.0	0.5
REP 125469	QC	5.4	64.1	0.5
125489	Drill Core	4.2	88.9	0.2
REP 125489	QC			
Core Reject Duplicates				
125383	Drill Core	2.2	56.7	0.6
DUP 125383	QC	2.5	60.2	0.7
125418	Drill Core	<0.1	76.0	2.8
DUP 125418	QC	<0.1	78.5	2.7
125453	Drill Core	0.4	128.4	1.9
DUP 125453	QC	0.4	111.9	1.8
125488	Drill Core	5.3	98.3	0.4
DUP 125488	QC	5.2	101.3	0.3
Reference Materials				
STD OREAS24P	Standard	<0.1	21.0	3.5
STD OREAS24P	Standard	<0.1	20.9	3.6
STD OREAS24P	Standard	<0.1	19.8	3.2
STD OREAS24P	Standard	<0.1	19.7	3.5



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QUALITY CONTROL REPORT

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		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
STD OREAS24P	Standard			1.4	45.5	2.9	111	<0.1	142.2	45.0	1101	7.30	1	0.8	<0.1	2.9	418	<0.1	<0.1	<0.1
STD OREAS24P	Standard			1.4	46.9	2.9	117	<0.1	134.9	44.5	1087	7.42	3	0.7	<0.1	3.0	368	0.1	0.2	<0.1
STD OREAS24P	Standard			1.5	50.7	2.5	109	<0.1	143.6	44.8	1103	7.29	2	0.6	<0.1	2.8	400	<0.1	<0.1	<0.1
STD OREAS45C	Standard			2.0	620.7	23.3	85	0.4	328.7	102.6	1167	17.16	10	2.1	<0.1	9.4	31	0.2	0.8	0.2
STD OREAS45C	Standard			2.2	588.9	23.1	66	0.3	309.0	98.8	1118	16.62	12	2.1	<0.1	10.4	26	0.1	1.3	0.3
STD OREAS45C	Standard			2.2	646.3	27.6	85	0.3	328.7	103.2	1185	19.02	12	2.7	<0.1	12.4	37	0.2	0.9	0.3
STD OREAS45C	Standard			2.4	585.7	25.2	73	0.3	325.0	99.0	1075	17.91	10	2.4	<0.1	11.1	33	0.3	0.8	0.2
STD OREAS45C	Standard			1.9	606.8	25.7	81	0.4	342.7	100.7	1127	18.01	12	2.6	<0.1	10.9	41	<0.1	1.1	0.2
STD OREAS45C	Standard			2.3	619.5	26.7	85	0.4	319.0	104.3	1205	18.99	12	2.5	<0.1	11.7	39	0.3	1.0	0.1
STD OREAS45C	Standard			1.9	628.6	24.5	73	0.3	338.4	101.1	1155	17.45	11	2.2	<0.1	10.5	38	0.1	0.8	0.2
STD OXH82	Standard		1.309																	
STD OXH82	Standard		1.323																	
STD OXH82	Standard		1.259																	
STD OXH82	Standard		1.251																	
STD OXH82	Standard		1.287																	
STD OXK79	Standard		3.793																	
STD OXK79	Standard		3.737																	
STD OXK79	Standard		3.332																	
STD OXK79	Standard		3.686																	
STD OXK79	Standard		3.489																	
STD OXH82 Expected			1.278																	
STD OXK79 Expected			3.532																	
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	158
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	270
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	
BLK	Blank		<0.005																	



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QUALITY CONTROL REPORT

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		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OREAS24P	Standard	5.56	0.131	17.8	182	4.12	271	1.069	7.63	2.521	0.65	0.4	133.9	37	1.5	20.9	18.9	1.1	1	20	7.2
STD OREAS24P	Standard	5.59	0.130	18.6	190	3.96	272	1.072	7.89	2.315	0.65	0.4	126.6	37	1.6	21.6	17.8	1.1	<1	20	7.1
STD OREAS24P	Standard	5.35	0.127	17.5	210	4.09	266	1.095	7.57	2.457	0.64	0.4	133.6	37	1.5	20.4	18.4	1.1	1	19	7.7
STD OREAS45C	Standard	0.47	0.050	22.7	939	0.24	254	1.199	6.94	0.093	0.34	1.1	168.9	48	3.0	12.5	23.6	1.5	1	57	13.1
STD OREAS45C	Standard	0.44	0.049	25.4	918	0.27	255	1.155	6.82	0.102	0.32	0.9	150.0	49	2.5	11.7	20.7	1.3	<1	58	14.2
STD OREAS45C	Standard	0.49	0.055	26.7	974	0.26	304	1.193	7.22	0.105	0.38	1.2	172.5	55	2.9	13.2	22.9	1.4	<1	53	17.9
STD OREAS45C	Standard	0.47	0.044	25.0	864	0.25	268	1.077	7.17	0.109	0.34	1.0	152.1	50	2.6	13.3	21.5	1.4	<1	59	15.6
STD OREAS45C	Standard	0.49	0.049	26.4	927	0.25	284	1.119	6.96	0.092	0.34	1.1	166.9	52	3.0	12.2	22.0	1.5	<1	60	15.7
STD OREAS45C	Standard	0.51	0.054	29.0	911	0.26	292	1.233	7.57	0.105	0.36	1.2	167.1	55	2.9	13.5	22.1	1.5	1	59	16.4
STD OREAS45C	Standard	0.49	0.048	25.5	972	0.28	268	1.178	6.86	0.114	0.33	1.1	167.1	50	2.6	11.9	21.7	1.4	<1	57	14.7
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04		20	8.7
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43		59.03	15.69
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS24P	Standard	<0.1	21.4	3.2
STD OREAS24P	Standard	<0.1	20.1	3.2
STD OREAS24P	Standard	<0.1	21.3	3.1
STD OREAS45C	Standard	<0.1	21.9	4.5
STD OREAS45C	Standard	<0.1	21.8	3.8
STD OREAS45C	Standard	<0.1	23.8	4.3
STD OREAS45C	Standard	<0.1	22.6	4.3
STD OREAS45C	Standard	<0.1	24.0	4.2
STD OREAS45C	Standard	<0.1	23.9	4.8
STD OREAS45C	Standard	<0.1	24.0	4.2
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS24P Expected			22.4	3.6
STD OREAS45C Expected		0.021	24	4.27
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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Project: Poplar Drilling

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QUALITY CONTROL REPORT

SMI11000788.2

		WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank	<0.005																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																				
G1	Prep Blank	<0.005	0.1	4.8	18.1	54	<0.1	3.2	4.8	815	2.26	2	2.5	<0.1	7.6	731	<0.1	<0.1	0.2	47
G1	Prep Blank	<0.005	<0.1	5.2	19.0	54	<0.1	3.9	5.0	847	2.41	2	2.7	<0.1	9.0	729	<0.1	<0.1	0.2	50



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Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

SMI11000788.2

		1EX Ca %	1EX P %	1EX La ppm	1EX Cr ppm	1EX Mg %	1EX Ba ppm	1EX Ti %	1EX Al %	1EX Na %	1EX K %	1EX W ppm	1EX Zr ppm	1EX Ce ppm	1EX Sn ppm	1EX Y ppm	1EX Nb ppm	1EX Ta ppm	1EX Be ppm	1EX Sc ppm	1EX Li ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1	Prep Blank	2.30	0.077	23.8	10	0.59	1004	0.234	7.38	2.828	2.38	0.1	12.5	53	1.4	14.6	26.4	1.4	3	5	31.8
G1	Prep Blank	2.41	0.083	26.7	9	0.60	1014	0.239	7.59	2.920	2.52	0.2	15.0	60	1.6	15.1	26.2	1.4	2	5	33.1



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Project: Poplar Drilling

Report Date: January 12, 2012

Page: 3 of 3 **Part** 3

QUALITY CONTROL REPORT

SMI11000788.2

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
BLK	Blank	<0.1	<0.1	<0.1
Prep Wash				
G1	Prep Blank	<0.1	82.9	0.6
G1	Prep Blank	<0.1	87.7	0.8



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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: March 29, 2012
Report Date: April 16, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI12000014.1

CLIENT JOB INFORMATION

Project: Poplar Drilling
Shipment ID: POPQAQC2
P.O. Number
Number of Samples: 15

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Lions Gate Metals Inc.
880 - 609 Granville St.
Vancouver BC V7Y 1G5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	14	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	15	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	15	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
G6	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Poplar Drilling
Report Date: April 16, 2012

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

SMI12000014.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1
A1046775	Rock	0.63	<0.005	<0.1	0.8	0.9	14	<0.1	1.3	0.4	193	0.37	3	0.3	<0.1	0.1	28	<0.1	<0.1	<0.1
A1046776	Drill Core	7.23	0.169	49.9	3285	194.0	571	1.5	7.7	15.6	516	2.71	235	1.1	0.2	5.3	699	4.1	2.0	0.3
A1046777	Rock Pulp	0.14	0.437	148.2	3839	28.8	66	2.6	38.7	20.7	398	4.64	42	1.1	0.6	2.6	213	0.5	3.8	0.4
A1046778	Drill Core	7.67	0.115	70.6	2750	209.1	780	1.3	6.0	10.6	511	2.04	429	1.0	<0.1	5.4	399	4.9	4.0	0.3
A1046779	Drill Core	6.42	0.152	61.8	2838	123.9	280	2.0	7.1	15.8	893	2.55	159	1.1	0.1	5.2	695	1.6	11.7	1.2
A1046780	Drill Core	7.93	0.127	70.9	3625	41.2	154	4.8	6.5	13.6	4597	2.69	32	1.2	0.1	3.2	557	1.2	5.7	1.6
A1046781	Drill Core	7.16	0.133	79.8	3173	39.0	118	4.6	6.9	13.1	3740	2.57	47	1.1	0.1	4.5	172	0.3	4.0	0.6
A1046782	Drill Core	6.88	0.095	66.3	2531	173.5	415	6.0	6.9	12.1	5257	2.45	249	1.1	0.2	5.3	192	2.8	41.8	0.6
A1046783	Drill Core	7.63	0.400	160.5	2478	1214	1351	15.6	7.2	12.4	7798	2.78	212	1.0	0.5	5.1	129	10.0	132.0	1.1
A1046784	Drill Core	7.26	0.068	32.5	1740	110.0	191	3.1	7.1	9.6	4155	3.43	68	0.9	<0.1	4.5	169	0.7	12.0	0.3
A1046785	Drill Core	8.15	>10	5.7	2586	96.8	293	24.2	10.7	14.2	>10000	6.81	133	0.9	18.3	4.0	131	1.3	29.0	13.7
A1046786	Drill Core	8.10	0.047	5.8	701.3	78.8	185	2.9	6.7	8.3	9399	3.70	59	1.4	<0.1	5.2	207	0.9	23.4	0.9
A1046787	Drill Core	7.00	0.176	11.2	382.7	20.3	114	0.7	7.4	9.5	2248	3.34	14	1.8	<0.1	6.0	389	0.3	2.1	0.3
A1046788	Drill Core	7.62	0.019	10.7	491.4	25.6	81	1.4	7.3	11.7	1691	3.49	7	1.6	<0.1	5.1	202	0.2	3.0	0.2
A1046789	Drill Core	3.64	0.020	9.1	484.9	13.6	72	0.5	7.2	11.2	1627	3.51	9	1.4	<0.1	4.3	226	0.2	0.8	0.3



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Project: Poplar Drilling
Report Date: April 16, 2012

Page: 2 of 2 **Part** 2

CERTIFICATE OF ANALYSIS

SMI12000014.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1
A1046775	Rock	19.45	0.024	0.5	2	10.92	8	0.001	0.05	0.003	0.01	<0.1	0.2	<1	<0.1	0.6	<0.1	<0.1	<1	<1
A1046776	Drill Core	2.29	0.120	16.3	10	0.68	1106	0.232	7.50	1.805	3.17	0.8	20.2	36	0.9	10.2	7.1	0.5	1	6
A1046777	Rock Pulp	0.39	0.101	15.6	64	1.05	254	0.267	7.01	1.462	5.17	13.6	28.9	32	2.5	10.1	3.0	0.2	1	17
A1046778	Drill Core	1.94	0.114	14.9	11	0.51	1098	0.226	7.53	1.732	3.72	2.1	18.3	33	0.8	8.9	6.8	0.5	<1	6
A1046779	Drill Core	2.54	0.120	18.2	12	0.85	804	0.241	7.47	1.254	3.29	2.5	19.0	40	0.7	9.8	6.4	0.4	1	6
A1046780	Drill Core	4.27	0.095	12.8	10	0.91	696	0.184	6.04	0.823	3.54	5.5	15.8	29	0.7	8.6	5.2	0.3	2	5
A1046781	Drill Core	3.03	0.115	19.6	10	0.87	838	0.232	7.33	0.110	4.34	3.4	18.8	40	0.9	10.1	7.0	0.4	2	6
A1046782	Drill Core	2.24	0.116	19.0	10	0.75	944	0.234	7.64	0.054	4.16	7.0	15.9	40	1.0	10.7	7.1	0.5	2	6
A1046783	Drill Core	1.21	0.092	24.2	9	0.56	808	0.197	6.84	0.051	3.67	7.6	13.5	47	1.1	8.3	6.5	0.4	2	5
A1046784	Drill Core	2.71	0.109	16.5	10	0.80	1048	0.212	7.41	0.185	4.24	3.2	14.5	35	0.7	9.4	6.1	0.5	2	6
A1046785	Drill Core	1.56	0.086	12.2	11	0.74	456	0.176	6.66	0.066	4.01	6.9	11.9	29	1.0	8.2	3.3	0.2	<1	6
A1046786	Drill Core	2.79	0.125	15.8	10	0.88	1050	0.215	7.18	0.533	3.81	3.6	21.2	36	1.0	9.7	6.9	0.5	1	6
A1046787	Drill Core	3.08	0.127	16.0	11	0.89	1209	0.232	7.93	1.568	3.09	1.6	25.6	37	0.9	10.1	7.2	0.6	<1	7
A1046788	Drill Core	3.12	0.124	17.5	12	0.86	1063	0.269	7.78	1.091	3.13	1.5	24.7	39	0.9	10.5	8.1	0.6	<1	7
A1046789	Drill Core	3.39	0.119	12.3	10	0.92	1285	0.244	7.03	1.437	2.80	1.5	22.2	29	0.9	9.3	7.6	0.5	<1	6



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CERTIFICATE OF ANALYSIS

SMI12000014.1

	Method	1EX	1EX	1EX	G6Gr
	Analyte	S	Rb	Hf	Au
	Unit	%	ppm	ppm	gm/t
	MDL	0.1	0.1	0.1	0.9
A1046775	Rock	<0.1	0.7	<0.1	
A1046776	Drill Core	0.8	78.0	0.7	
A1046777	Rock Pulp	2.0	112.2	0.8	
A1046778	Drill Core	0.4	94.3	0.7	
A1046779	Drill Core	0.7	89.2	0.7	
A1046780	Drill Core	0.8	86.0	0.6	
A1046781	Drill Core	0.7	150.6	0.6	
A1046782	Drill Core	0.7	190.5	0.7	
A1046783	Drill Core	1.0	164.6	0.4	
A1046784	Drill Core	0.3	132.9	0.5	
A1046785	Drill Core	1.2	164.3	0.5	24.8
A1046786	Drill Core	0.4	133.2	0.7	
A1046787	Drill Core	<0.1	91.3	0.9	
A1046788	Drill Core	0.2	87.2	1.0	
A1046789	Drill Core	0.1	63.4	0.9	



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QUALITY CONTROL REPORT

SMI12000014.1

	Method Analyte Unit MDL	WGHT	G6	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1
Pulp Duplicates																					
A1046786	Drill Core	8.10	0.047	5.8	701.3	78.8	185	2.9	6.7	8.3	9399	3.70	59	1.4	<0.1	5.2	207	0.9	23.4	0.9	59
REP A1046786	QC			6.5	683.0	72.2	172	2.2	6.1	8.1	9373	3.63	55	1.4	<0.1	5.1	202	0.8	23.5	0.8	60
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS24P	Standard			1.2	49.1	2.8	115	<0.1	138.4	45.7	1113	7.11	<1	0.6	<0.1	2.8	354	<0.1	0.1	<0.1	148
STD OREAS45C	Standard			1.9	597.8	24.3	82	0.3	315.5	100.1	1168	17.02	11	2.0	<0.1	9.7	33	0.1	0.8	0.2	237
STD OXH82	Standard		1.247																		
STD OXK94	Standard		3.473																		
STD SP49	Standard																				
STD OXH82 Expected			1.278																		
STD OXK94 Expected			3.562																		
STD SP49 Expected																					
STD AGPROOF Expected																					
STD OREAS45C Expected				2.26	620	24	83	0.28	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270
STD OREAS24P Expected				1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.2	2	<0.01	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<1
Prep Wash																					
G1-SMI	Prep Blank		<0.005	0.2	4.2	20.1	55	<0.1	3.8	4.6	773	2.19	<1	2.8	<0.1	9.4	702	<0.1	0.2	0.1	47
G1-SMI	Prep Blank		<0.005	0.2	3.3	19.5	53	<0.1	2.9	4.6	723	2.16	<1	2.5	<0.1	8.1	658	<0.1	<0.1	0.1	46



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Report Date: April 16, 2012

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QUALITY CONTROL REPORT

SMI12000014.1

	Method Analyte Unit MDL	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	1
Pulp Duplicates																					
A1046786	Drill Core	2.79	0.125	15.8	10	0.88	1050	0.215	7.18	0.533	3.81	3.6	21.2	36	1.0	9.7	6.9	0.5	1	6	61.6
REP A1046786	QC	2.75	0.112	15.8	10	0.86	1009	0.211	7.11	0.507	3.66	3.8	21.7	36	1.0	9.9	6.4	0.5	<1	6	62.9
Reference Materials																					
STD AGPROOF	Standard																				
STD OREAS24P	Standard	6.05	0.122	17.3	194	4.11	264	1.063	7.47	2.490	0.66	0.5	137.6	36	1.4	19.3	18.7	1.1	1	21	7.5
STD OREAS45C	Standard	0.49	0.047	23.6	949	0.19	261	1.160	7.20	0.089	0.35	1.0	167.5	50	2.6	11.0	21.0	1.5	<1	60	15.4
STD OXH82	Standard																				
STD OXK94	Standard																				
STD SP49	Standard																				
STD OXH82 Expected																					
STD OXK94 Expected																					
STD SP49 Expected																					
STD AGPROOF Expected																					
STD OREAS45C Expected		0.482	0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	54	2.9	12.9	23.05	1.43	59.03	15.69	
STD OREAS24P Expected		5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	20	8.7	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.1	2	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																					
G1-SMI	Prep Blank	2.43	0.080	27.6	12	0.66	956	0.249	7.22	2.809	3.08	0.3	12.1	63	1.5	14.4	27.2	1.5	4	5	38.7
G1-SMI	Prep Blank	2.30	0.078	23.6	10	0.60	974	0.239	6.97	2.741	3.14	0.3	11.4	55	1.6	13.2	26.1	1.5	4	5	34.3



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
Vancouver BC V7Y 1G5 Canada

Project: Poplar Drilling

Report Date: April 16, 2012

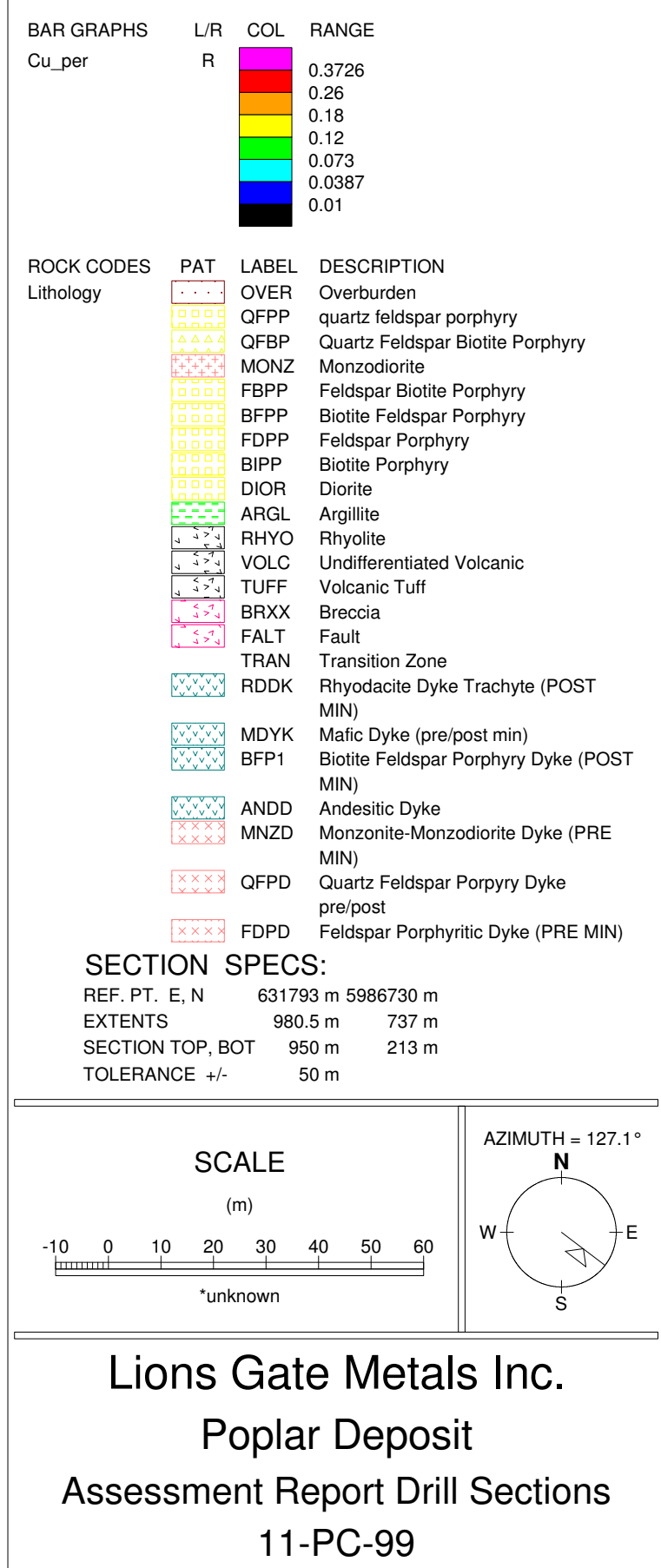
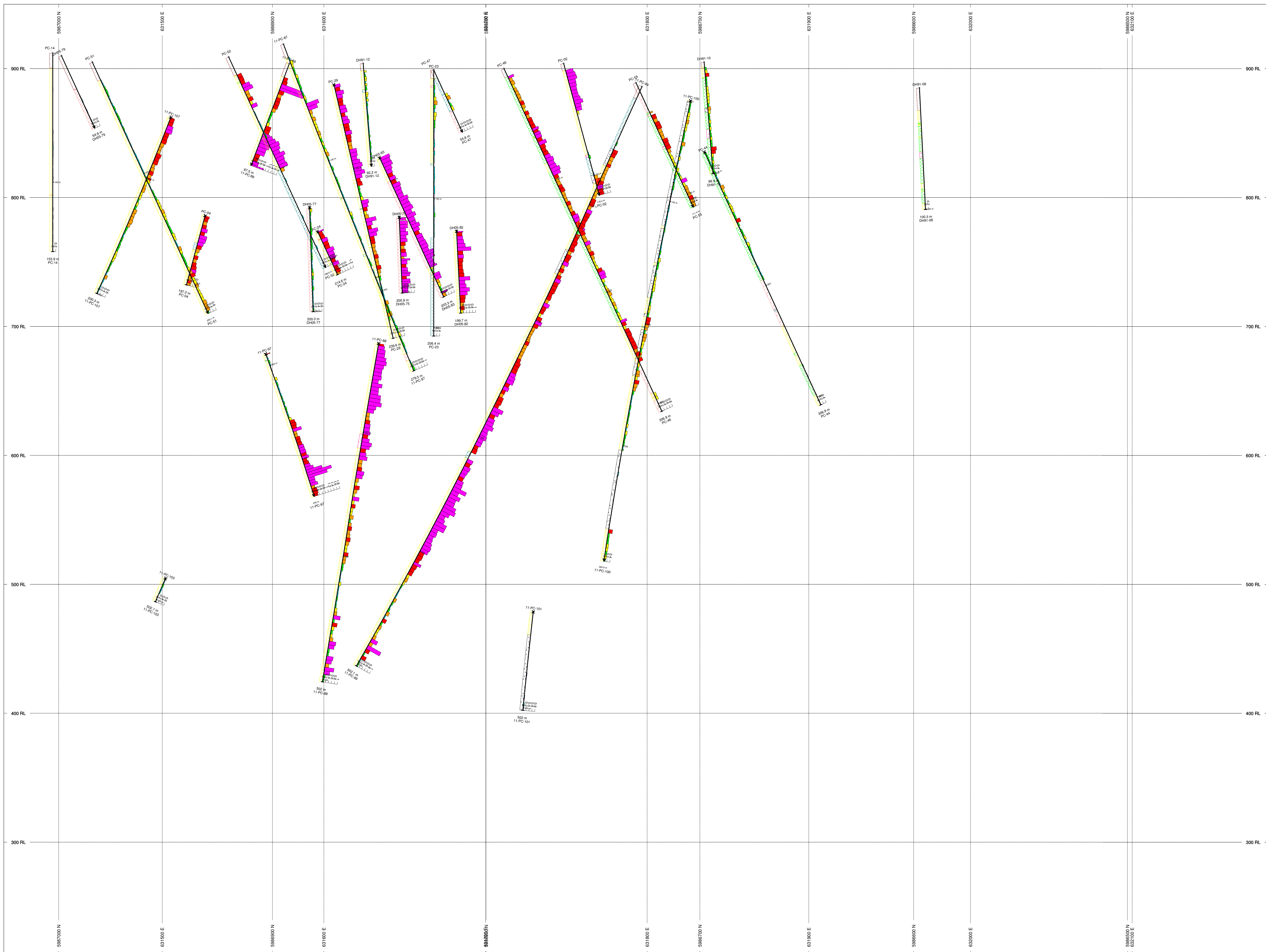
Page: 1 of 1 **Part** 3

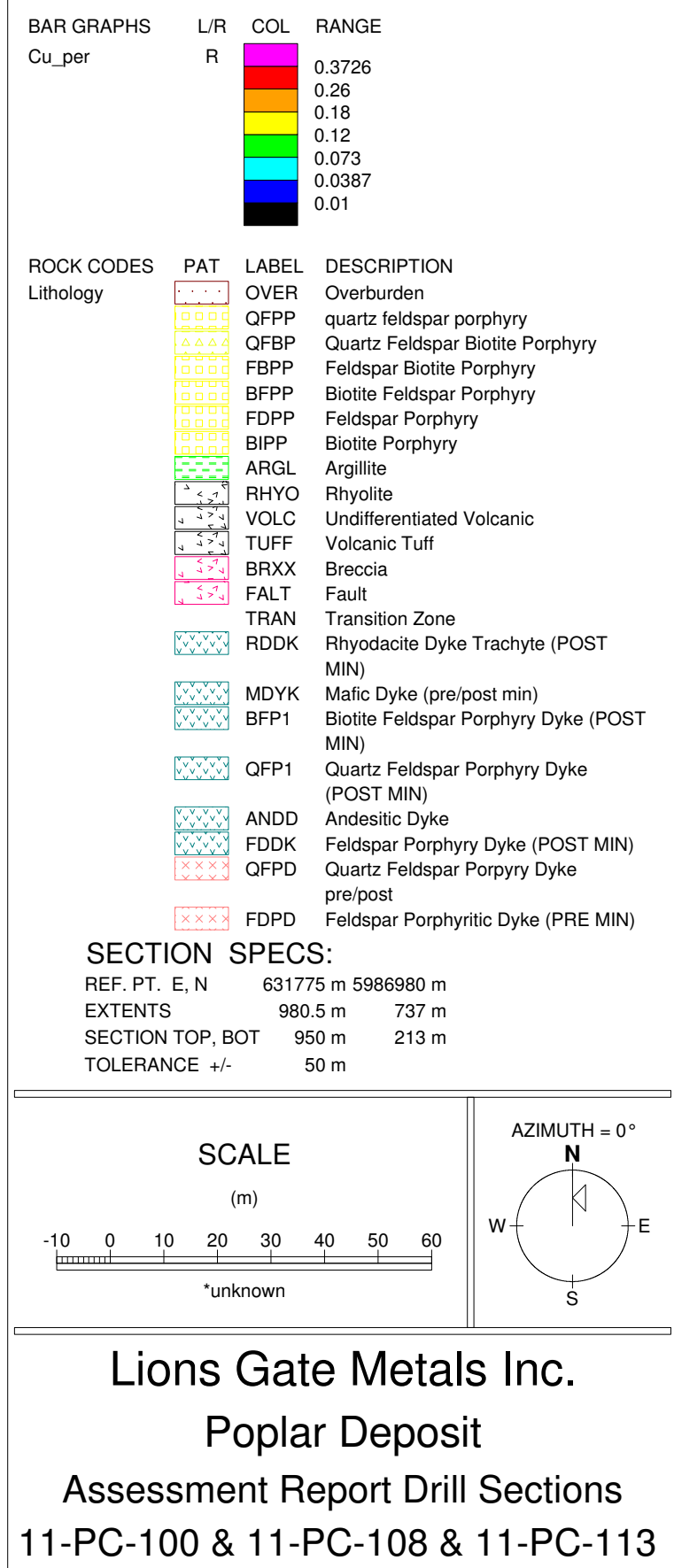
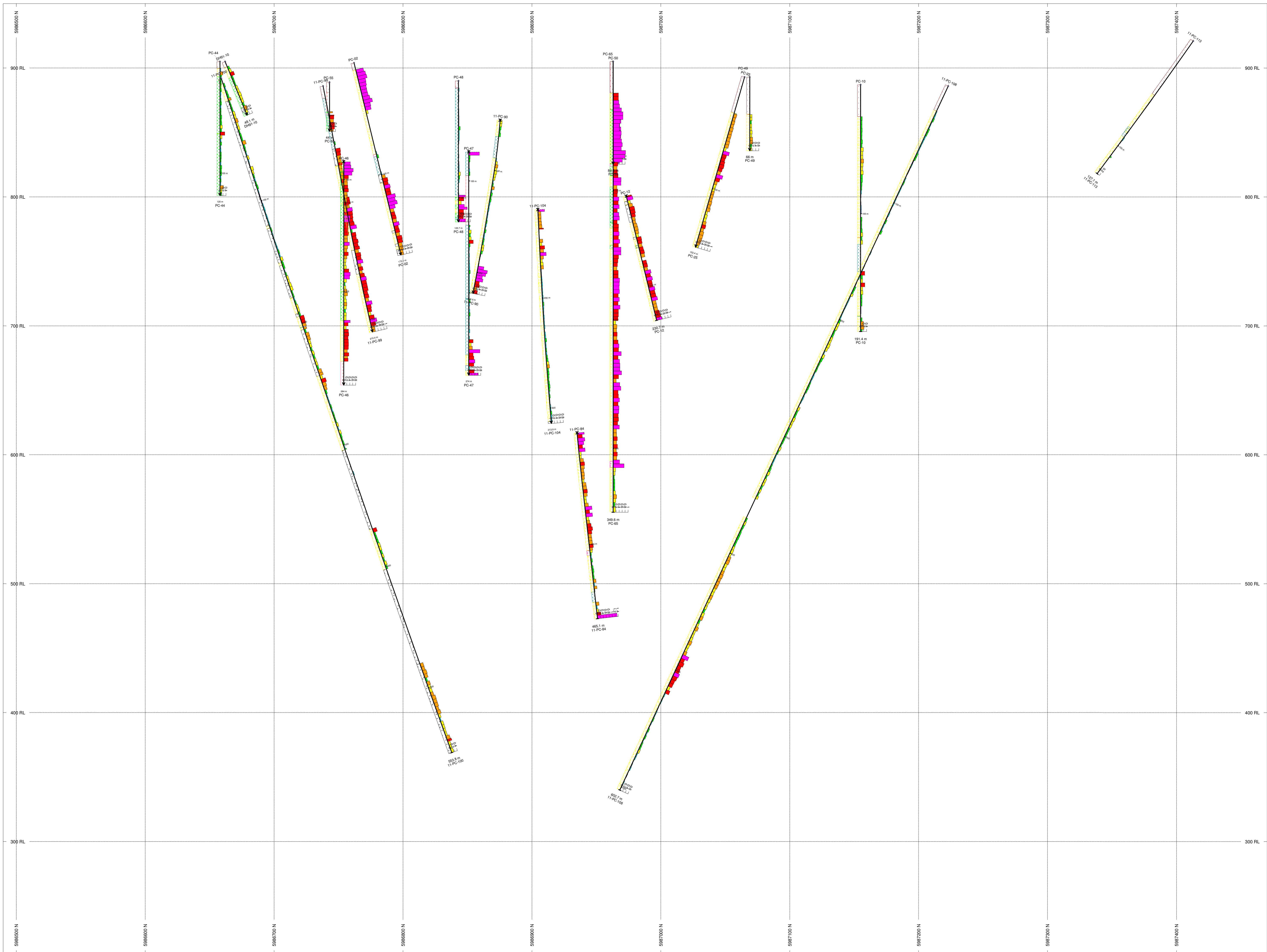
QUALITY CONTROL REPORT

SMI12000014.1

Method	1EX	1EX	1EX	G6Gr
Analyte	S	Rb	Hf	Au
Unit	%	ppm	ppm	gm/t
MDL	0.1	0.1	0.1	0.9
Pulp Duplicates				
A1046786	Drill Core	0.4	133.2	0.7
REP A1046786	QC	0.4	133.7	0.7
Reference Materials				
STD AGPROOF	Standard			<0.9
STD OREAS24P	Standard	<0.1	22.0	3.4
STD OREAS45C	Standard	<0.1	22.9	4.4
STD OXH82	Standard			
STD OXK94	Standard			
STD SP49	Standard			18.3
STD OXH82 Expected				
STD OXK94 Expected				
STD SP49 Expected				18.34
STD AGPROOF Expected				0
STD OREAS45C Expected	0.021	24	4.27	
STD OREAS24P Expected		22.4	3.6	
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.9
BLK	Blank			<0.9
BLK	Blank	<0.1	0.3	<0.1
Prep Wash				
G1-SMI	Prep Blank	<0.1	124.2	0.8
G1-SMI	Prep Blank	<0.1	116.1	0.6

APPENDIX 5. Drill Sections







BAR GRAPHS

Cu_per

R

COL

RANGE

0.3726

0.25

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

LABEL

DESCRIPTION

OVER

Overburden

QFPP

quartz feldspar porphyry

QFBP

Quartz Feldspar Biotite Porphyry

MONZ

Monzodiorite

FBPP

Feldspar Biotite Porphyry

BFPP

Biotite Feldspar Porphyry

FOPP

Feldspar Porphyry

BIPP

Biotite Porphyry

DIOR

Diorite

ARGL

Argillite

RHYO

Rhyolite

VOLC

Undifferentiated Volcanic

TUFF

Volcanic Tuff

BRXX

Breccia

FALT

Fault

RDDK

Rhyodacite Dyke Trachyte (POST MIN)

MDYK

Mafic Dyke (pre/post min)

BFPI

Biotite Feldspar Porphyry Dyke (POST MIN)

QFPI

Quartz Feldspar Porphyry Dyke (POST MIN)

ANDD

Andesitic Dyke

QFPD

Quartz Feldspar Porphyry Dyke pre-post

FDPD

Feldspar Porphyritic Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N

631493 m 5987000 m

EXTENTS

980.5 m 737 m

SECTION TOP, BOT

917.4 m 180.4 m

TOLERANCE +/-

75 m

SCALE

(m)

-10 0 10 20 30 40 50 60

*unknown

AZIMUTH = 0°

N

W

E

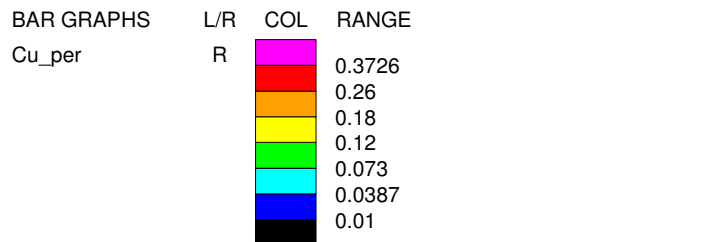
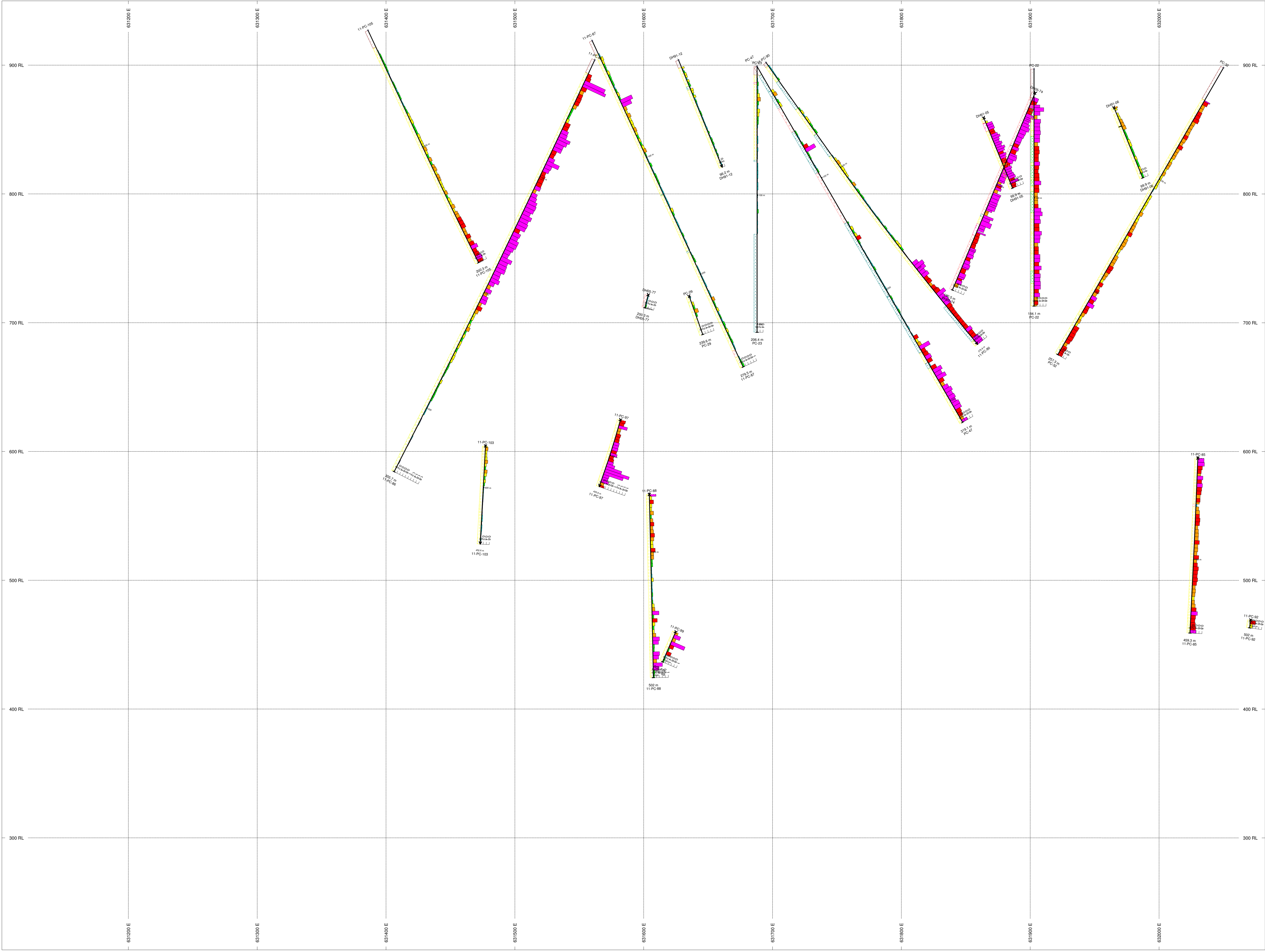
S

Lions Gate Metals Inc.

Poplar Deposit

Assessment Report Drill Sections

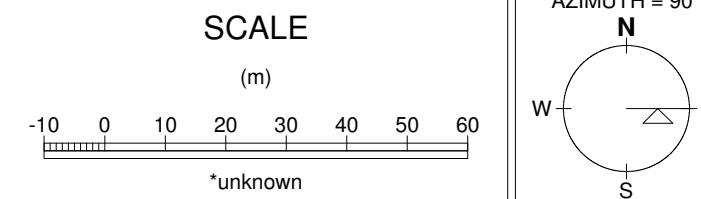
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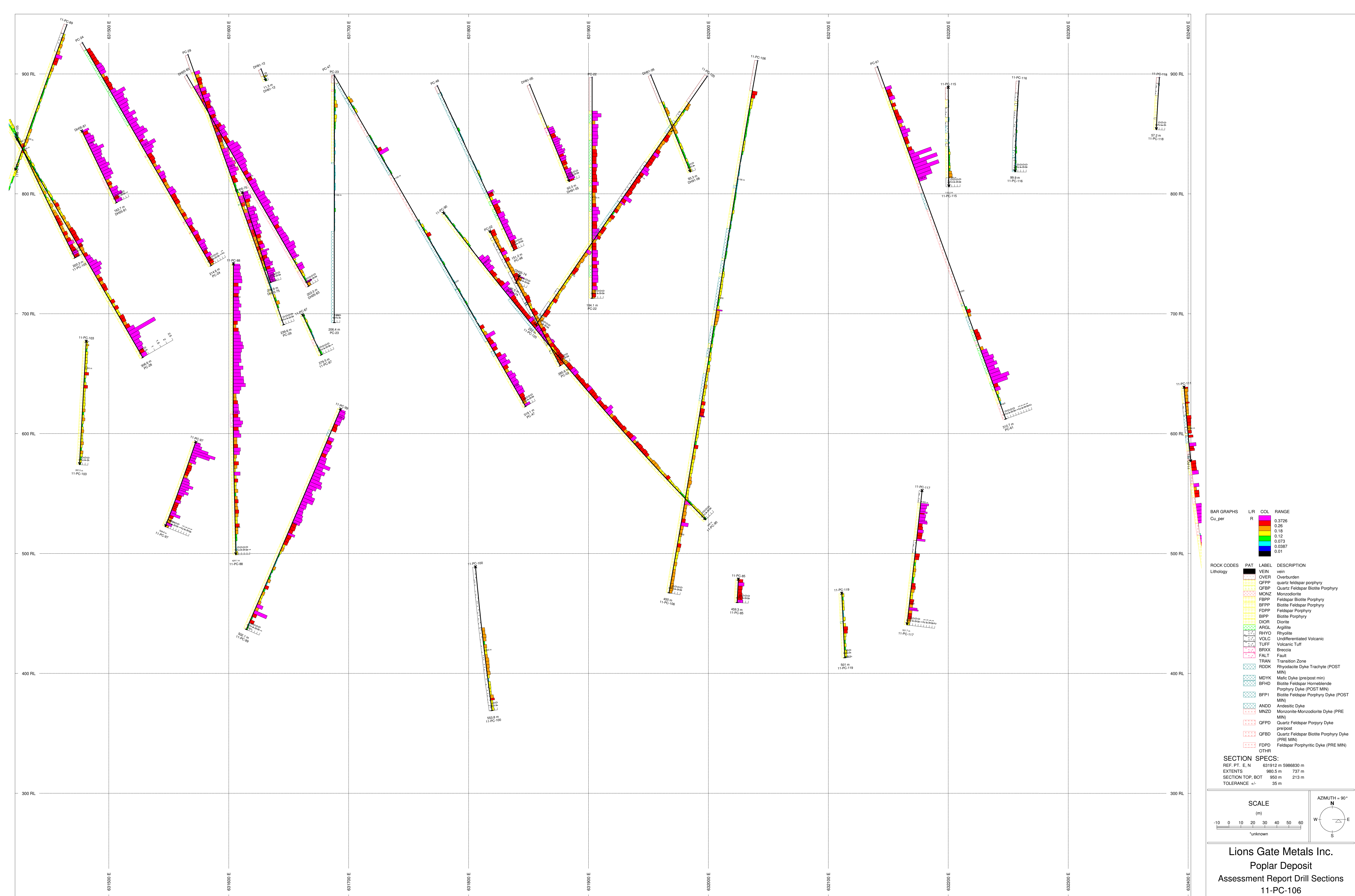
ROCK CODES	PAT	LABEL	DESCRIPTION
Lithology			
VEIN		vein	
OVER		Overburden	
QFPP		quartz feldspar porphyry	
QFBP		Quartz Feldspar Biotite Porphyry	
MONZ		Monzonite	
FBPP		Feldspar Biotite Porphyry	
BFPP		Biotite Feldspar Porphyry	
FDPP		Feldspar Porphyry	
BIOP		Biotite Porphyry	
DIOP		Diorite	
ARGL		Argillite	
RHYO		Rhyolite	
VOLC		Undifferentiated Volcanic	
BRXX		Breccia	
FALT		Fault	
TRAN		Transition Zone	
RDDK		Rhyodacite Dyke Trachyte (POST MIN)	
MDVK		Mafic Dyke (prepost min)	
BFHD		Biotite Feldspar Homoblende	
BFPI		Porphyry Dyke (POST MIN)	
ANDD		Andesitic Dyke	
QFPD		Quartz Feldspar Porphyry Dyke	
FDPD		Feldspar Porphyritic Dyke (PRE MIN)	
OTHR			

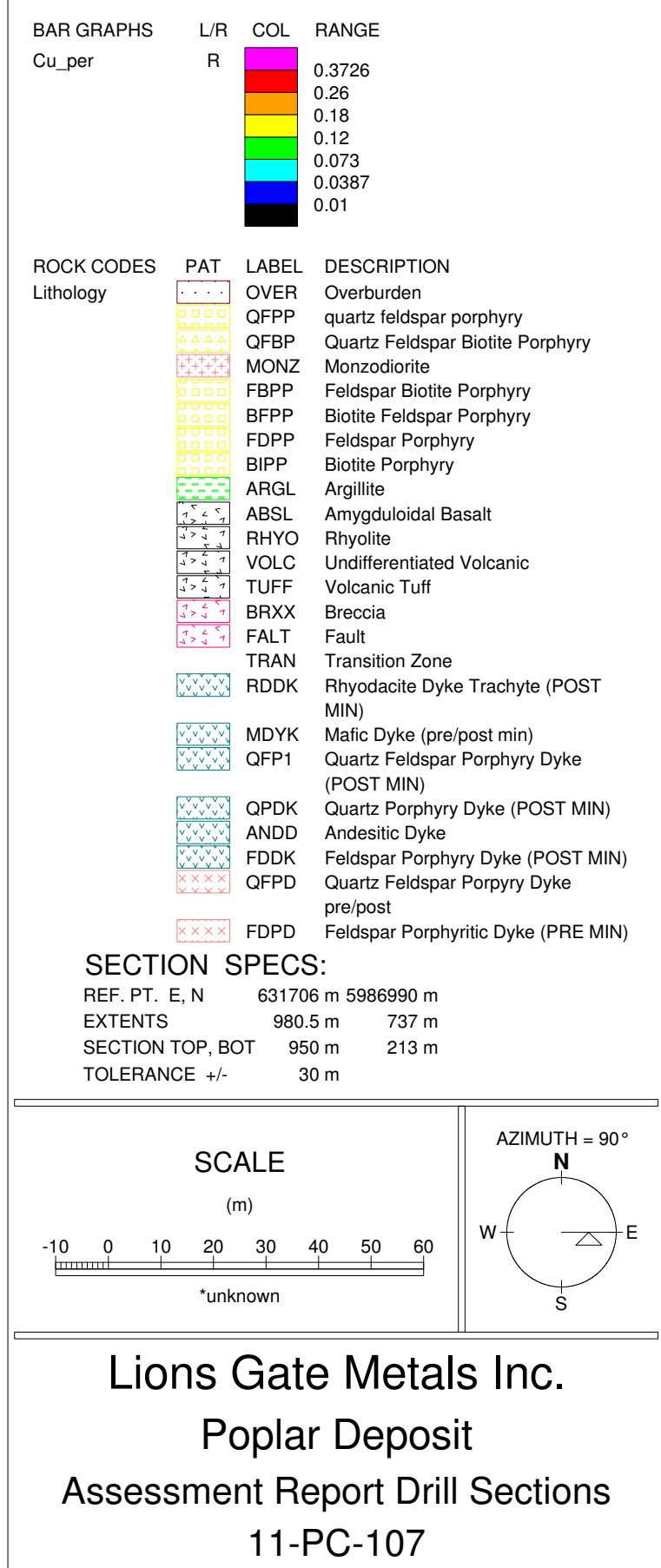
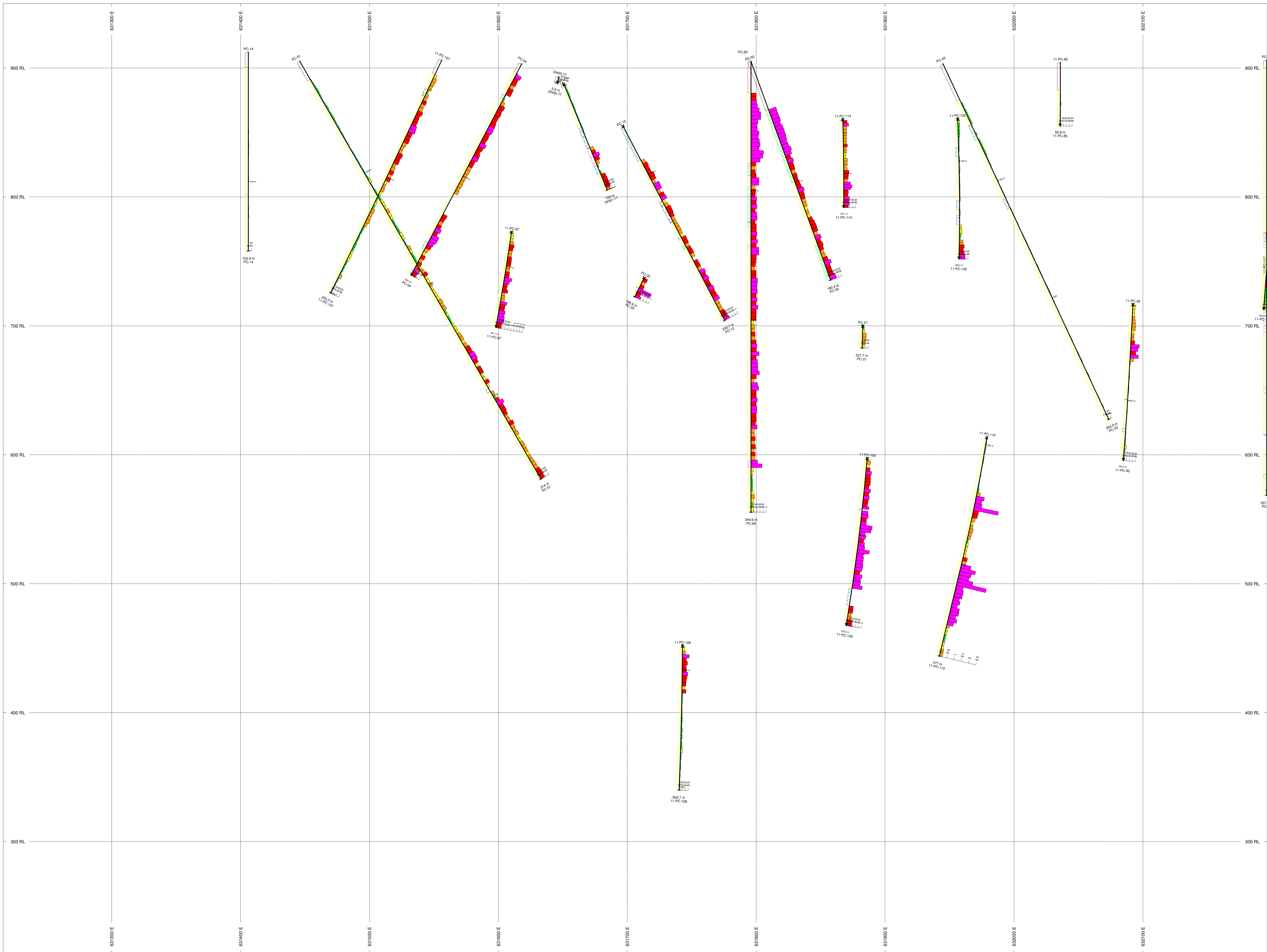
SECTION SPECS:

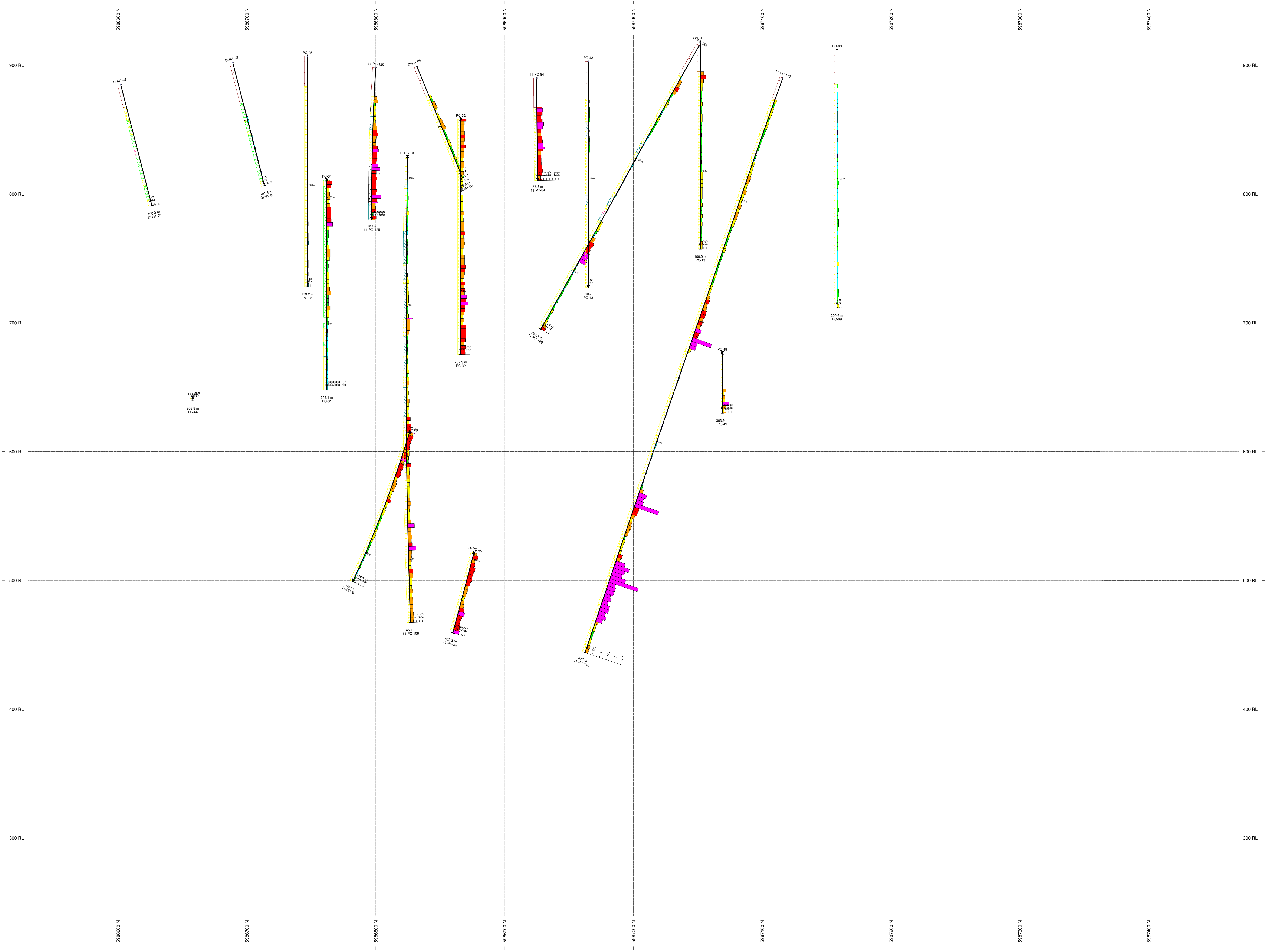
REF. PT. E, N 631592 m 5986870 m
EXTENTS 980 m 737 m
SECTION TOP, BOT 950 m 213 m
TOLERANCE +/- 25 m



Lions Gate Metals Inc.
Poplar Deposit
Assessment Report Drill Sections
11-PC-105







BAR GRAPHS

Cu_per

L/R

R

COL

RANGE

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

LABEL

DESCRIPTION

VEIN

vein

OVER

Overburden

QFPP

quartz feldspar porphyry

QFBP

Quartz Feldspar Biotite Porphyry

FBPP

Feldspar Biotite Porphyry

BFPP

Biotite Feldspar Porphyry

FDPP

Feldspar Porphyry

BIPP

Biotite Porphyry

ARGL

Argillite

VOLC

Undifferentiated Volcanic

BRXX

Breccia

FALT

Fault

TRAN

Transition Zone

RDDK

Rhyodacite Dyke Trachyte (POST MIN)

QPKD

Quartz Porphyry Dyke (POST MIN)

ANDD

Andesitic Dyke

QFPD

Quartz Feldspar Porpyry Dyke pre/post

FDPD

Feldspar Porphyritic Dyke (PRE MIN)

OTHR

SECTION SPECS:

REF. PT. E, N

631972 m 5987000 m

EXTENTS

980.5 m 737 m

SECTION TOP, BOT

950 m 213 m

TOLERANCE +/-

55 m

SCALE

(m)

-10 0 10 20 30 40 50 60

unknown

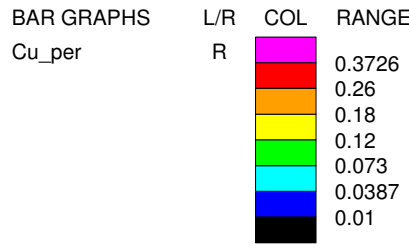
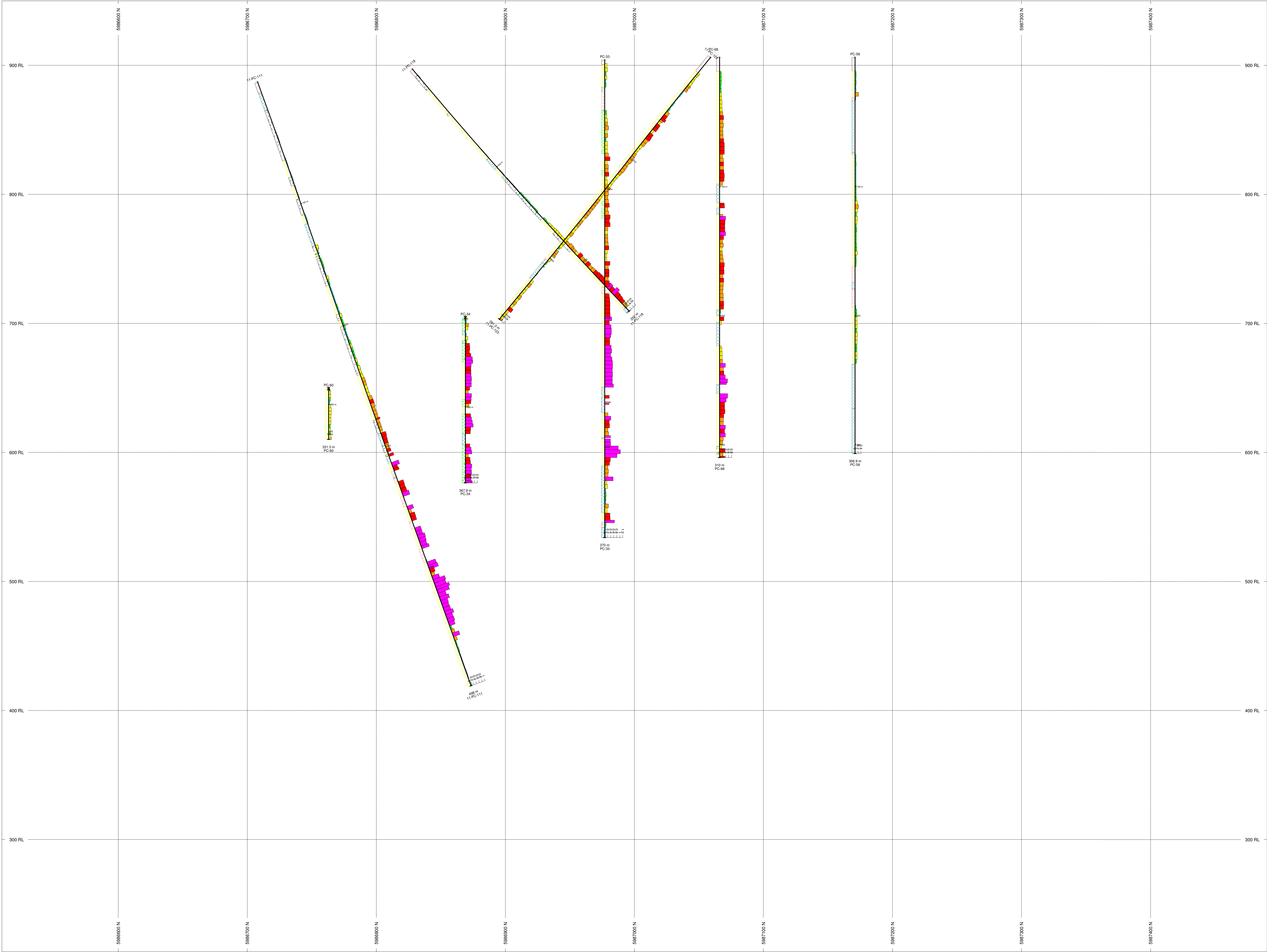
AZIMUTH = 0°

N

W

E

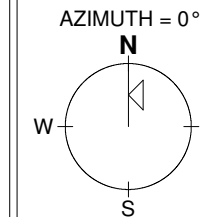
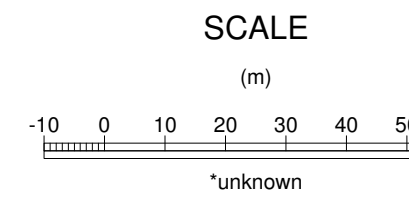
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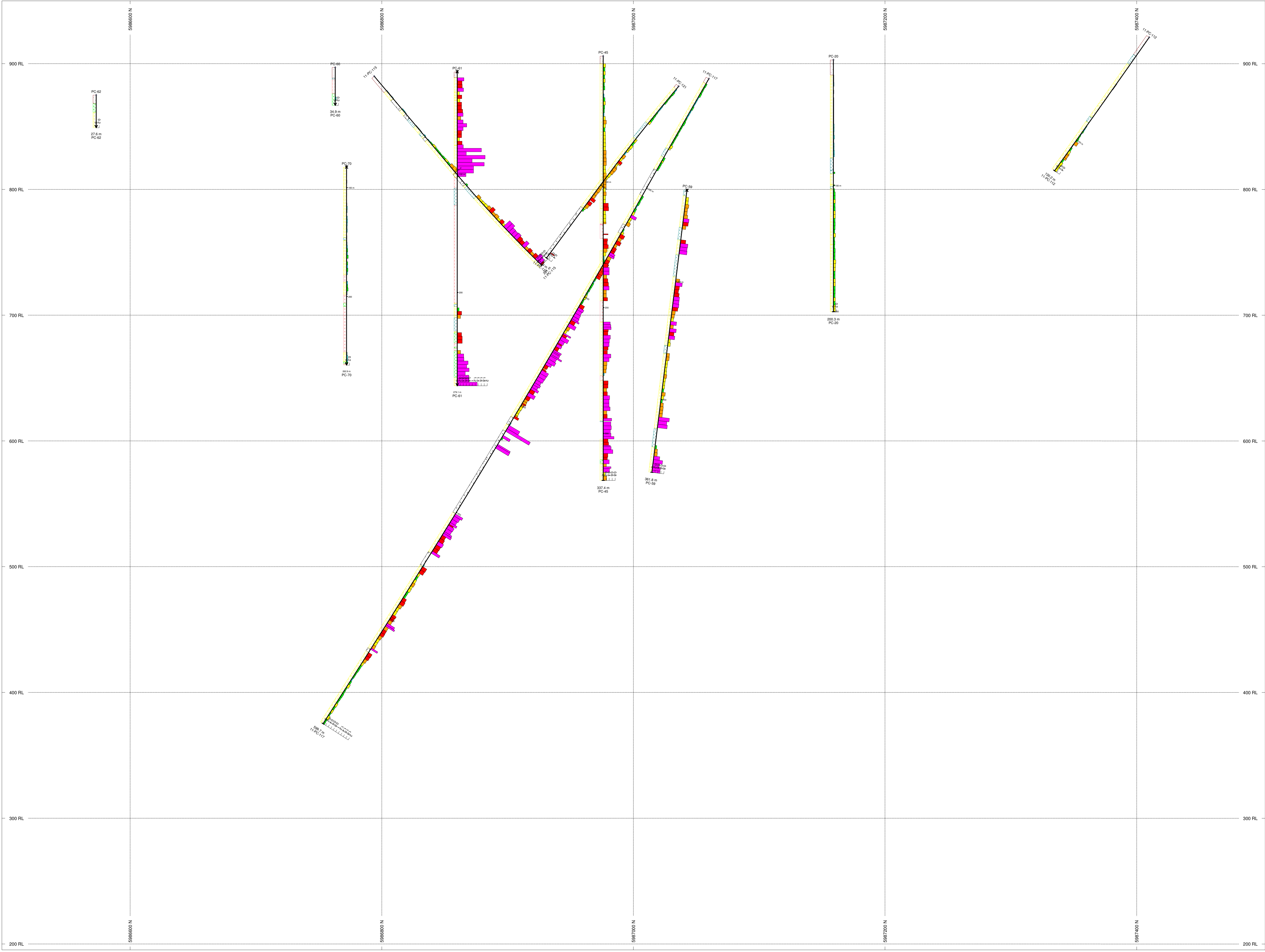


ROCK CODES	PAT	LABEL	DESCRIPTION
Lithology		OVER	Overburden
		QFPP	quartz feldspar porphyry
		QFBP	Quartz Feldspar Biotite Porphyry
		FBPP	Feldspar Biotite Porphyry
		BFPF	Biotite Feldspar Porphyry
		FDPP	Feldspar Porphyry
		BIPP	Biotite Porphyry
		ARGL	Argillite
		VOLC	Undifferentiated Volcanic
		TUFF	Volcanic Tuff
		BRXX	Breccia
		FALT	Fault
		TRAN	Transition Zone
		RDDK	Rhyodacite Dyke Trachyte (POST MIN)
		BFP1	Biotite Feldspar Porphyry Dyke (POST MIN)
		QFP1	Quartz Feldspar Porphyry Dyke (POST MIN)
		QFPD	Quartz Feldspar Porphyry Dyke pre/post
		QFBD	Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N 632412 m 5987000 m
EXTENTS 980.5 m 737 m
SECTION TOP, BOT 950 m 213 m
TOLERANCE +/- 50 m





BAR GRAPHS

Cu_per

L/R

R

COL

RANGE

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

LABEL

DESCRIPTION

OVER

Overburden

QFPP

quartz feldspar porphyry

QFBP

Quartz Feldspar Biotite Porphyry

FBPP

Feldspar Biotite Porphyry

BFPP

Biotite Feldspar Porphyry

FOPP

Feldspar Porphyry

ARGL

Argillite

RHYO

Rhyolite

BRXX

Breccia

FAL1

Fault

TRAN

Transition Zone

RDDK

Rhyodacite Dyke Trachyte (POST MIN)

QFP1

Quartz Feldspar Porphyry Dyke (POST MIN)

QFPD

Quartz Feldspar Porpyry Dyke pre/post

QFBD

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N

632191 m 5987000 m

EXTENTS

1004 m 754.7 m

SECTION TOP, BOT

950 m 195.3 m

TOLERANCE +/-

45.45 m

SCALE

(m)

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unknown

AZIMUTH = 0°

N

E

S

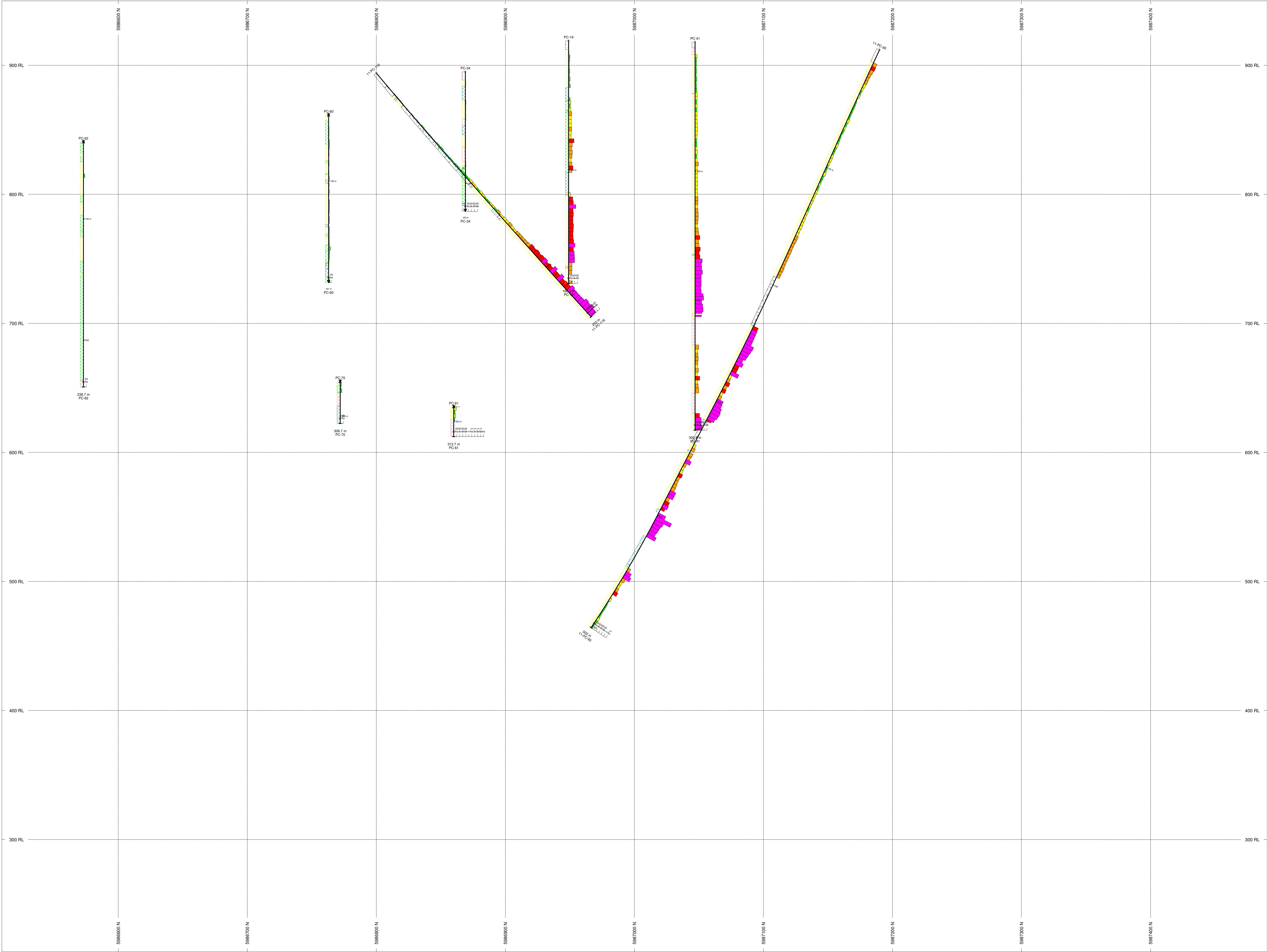
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Lions Gate Metals Inc.

Poplar Deposit

Assessment Report Drill Sections

11-PC-117 & 11-PC-112 & 11-PC-121



BAR GRAPHS

Cu_per

L/R

R

COL

R

RANGE

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

OVER

QFPP

FBPP

BFPP

FDPP

ARGL

RHYO

VOLC

BRXX

FALT

TRAN

RDDK

QFP1

ANDD

FDDK

QFPD

QFBD

LABEL

OVERburden

quartz feldspar porphyry

Feldspar Biotite Porphyry

Biotite Feldspar Porphyry

Feldspar Porphyry

Argillite

Rhyolite

Undifferentiated Volcanic

Breccia

Fault

Transition Zone

Rhyodacite Dyke Trachyte (POST MIN)

Quartz Feldspar Porphyry Dyke (POST MIN)

Andesitic Dyke

Feldspar Porphyry Dyke (POST MIN)

Quartz Feldspar Porphyry Dyke pre/post

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

DESCRIPTION

OVERburden

quartz feldspar porphyry

Feldspar Biotite Porphyry

Biotite Feldspar Porphyry

Feldspar Porphyry

Argillite

Rhyolite

Undifferentiated Volcanic

Breccia

Fault

Transition Zone

Rhyodacite Dyke Trachyte (POST MIN)

Quartz Feldspar Porphyry Dyke (POST MIN)

Andesitic Dyke

Feldspar Porphyry Dyke (POST MIN)

Quartz Feldspar Porphyry Dyke pre/post

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N

632277 m 5987000 m

EXTENTS

980.5 m 737 m

SECTION TOP, BOT

950 m 213 m

TOLERANCE +/-

37.5 m

SCALE

(m)

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*unknown

AZIMUTH = 0°

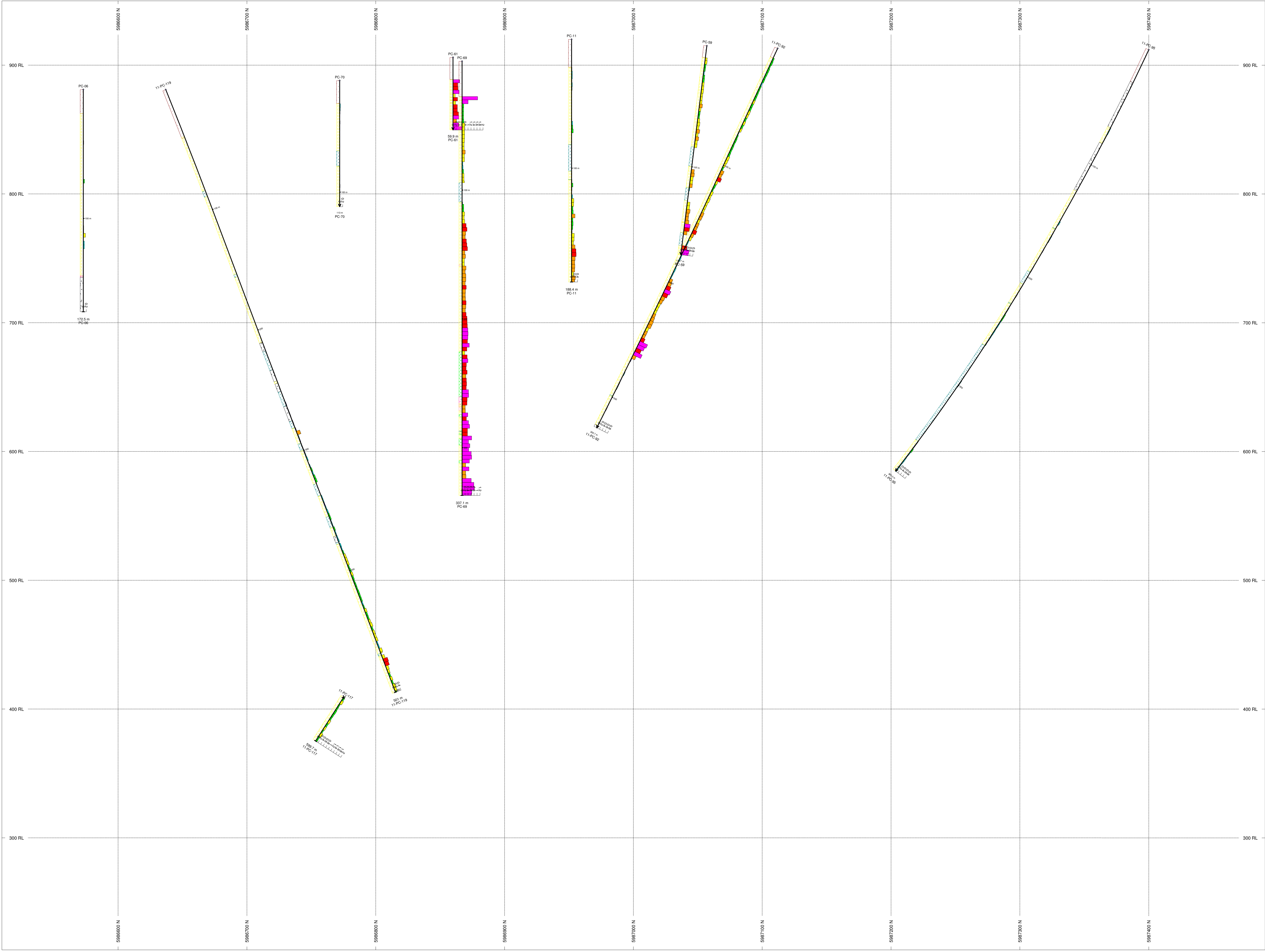
N

W

E

S

Lions Gate Metals Inc.
Poplar Deposit
Assessment Report Drill Sections
11-PC-116



BAR GRAPHS

Cu_per

L/R

R

COL

R

RANGE

R

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

OVER

QFPP

QFBP

FBPP

BFPP

FDPP

ARGL

RHYO

VOLC

TUFF

BRXX

FALT

RDDK

MDYK

QFP1

ANDD

QFPD

QFBD

FDPD

LABEL

OVER

quartz feldspar porphyry

quartz feldspar Biotite Porphyry

Feldspar Biotite Porphyry

Biotite Feldspar Porphyry

Feldspar Porphyry

Argillite

Rhyolite

Undifferentiated Volcanic

Volcanic Tuff

Breccia

Fault

Rhyodacite Dyke Trachyte (POST MIN)

Mafic Dyke (pre/post min)

Quartz Feldspar Porphyry Dyke (POST MIN)

Andesitic Dyke

Quartz Feldspar Porphyry Dyke (PRE MIN)

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

Feldspar Porphyritic Dyke (PRE MIN)

DESCRIPTION

OVER

quartz feldspar porphyry

quartz feldspar Biotite Porphyry

Feldspar Biotite Porphyry

Biotite Feldspar Porphyry

Feldspar Porphyry

Argillite

Rhyolite

Undifferentiated Volcanic

Volcanic Tuff

Breccia

Fault

Rhyodacite Dyke Trachyte (POST MIN)

Mafic Dyke (pre/post min)

Quartz Feldspar Porphyry Dyke (POST MIN)

Andesitic Dyke

Quartz Feldspar Porphyry Dyke (PRE MIN)

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

Feldspar Porphyritic Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N

632124 m 5987000 m

EXTENTS

980.5 m 737 m

SECTION TOP, BOT

950 m 213 m

TOLERANCE +/-

37.5 m

SCALE

(m)

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unknown

AZIMUTH = 0°

N

E

S

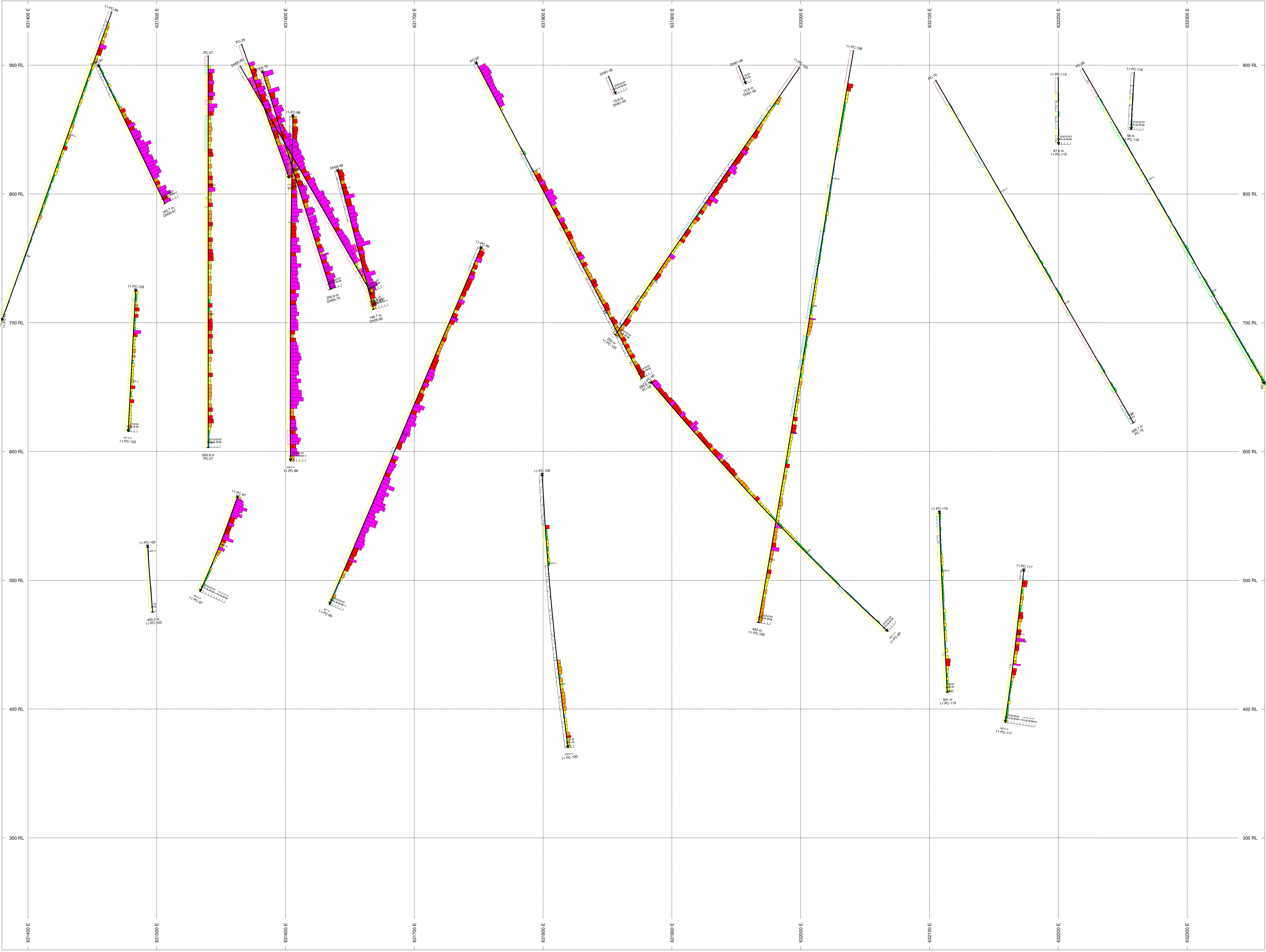
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Lions Gate Metals Inc.

Poplar Deposit

Assessment Report Drill Sections

11-PC-119



BAR GRAPHS

Cu_per

L/R

COL

RANGE

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

LABEL

DESCRIPTION

VEIN

vein

OVER

Overburden

QFPP

quartz feldspar porphyry

QFBP

Quartz Feldspar Biotite Porphyry

MONZ

Monzoniorite

FBPP

Feldspar Biotite Porphyry

BFPP

Biotite Feldspar Porphyry

FDPP

Feldspar Porphyry

BIPP

Biotite Porphyry

DIOR

Diorite

ARGL

Argillite

RHYO

Rhyolite

VOLC

Undifferentiated Volcanic

TUFF

Volcanic Tuff

BRXX

Breccia

FALT

Fault

TRAN

Transition Zone

RDDK

Rhyodactite Dyke Trachyte (POST MIN)

MDYK

Mafic Dyke (pre/post min)

QFP1

Quartz Feldspar Porphyry Dyke (POST MIN)

ANDD

Andesitic Dyke

MNZD

Monzonite-Monzoniorite Dyke (PRE MIN)

QFPD

Quartz Feldspar Porphyry Dyke (PRE POST)

QFBD

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

FDPD

Feldspar Porphyritic Dyke (PRE MIN)

OTHR

SECTION SPECS:

REF. PT. E, N

631870 m 5986800 m

EXTENTS

980 m 737 m

SECTION TOP, BOT

950 m 213 m

TOLERANCE +/-

37.5 m

SCALE

(m)

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unknown

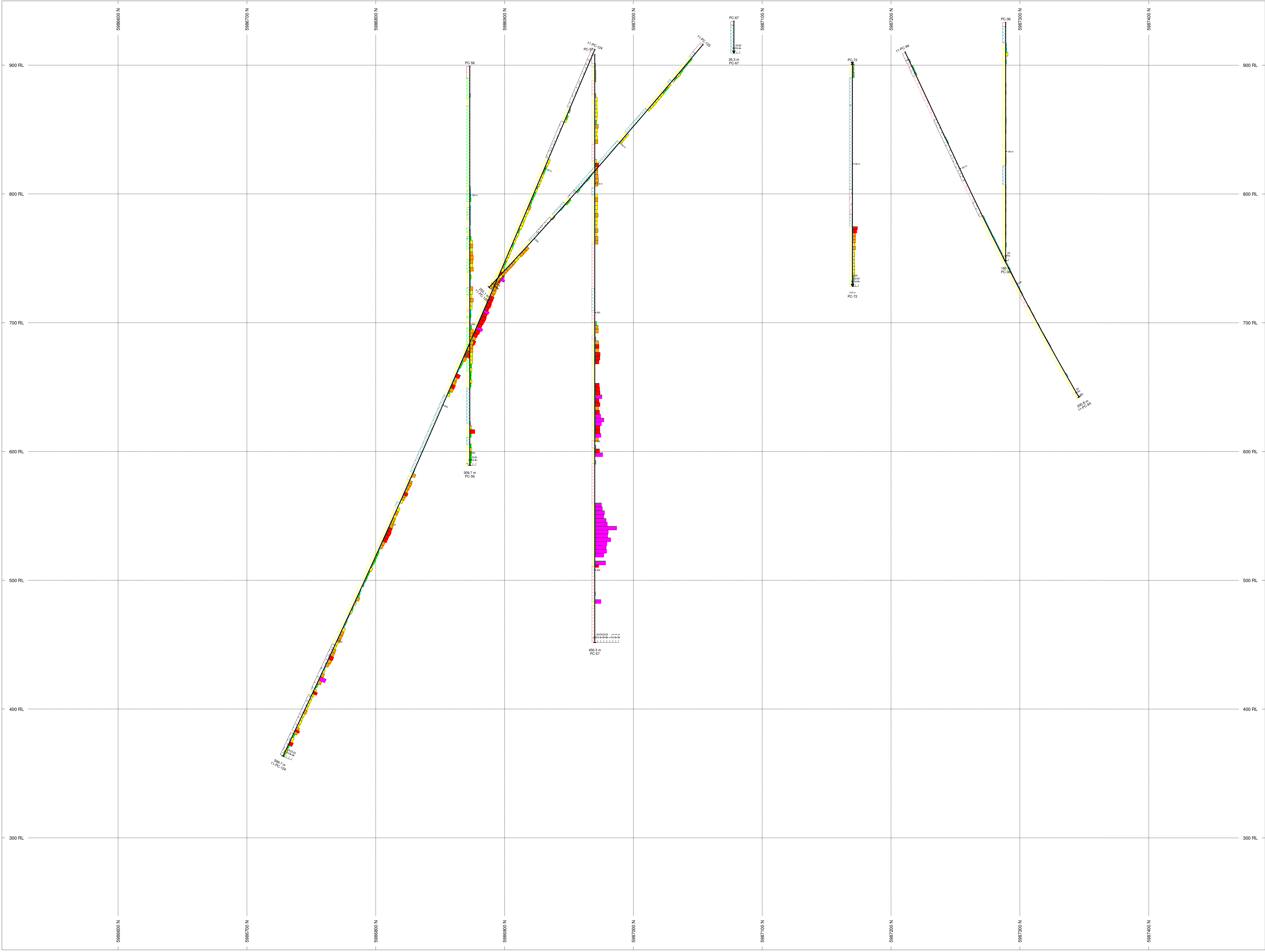
AZIMUTH = 90°

N

E

S

W



BAR GRAPHS

Cu_per

L/R

R

COL

RANGE

0.3726

0.26

0.18

0.12

0.073

0.0387

0.01

ROCK CODES

Lithology

PAT

LABEL

OVER

DESCRIPTION

Overburden

QFPP

quartz feldspar porphyry

BFPP

Biotite Feldspar Porphyry

FOPP

Feldspar Porphyry

ARGL

Argillite

RHYO

Rhyolite

VOLC

Undifferentiated Volcanic

BRXX

Breccia

FALT

Fault

RDDK

Rhyodacite Dyke Trachyte (POST MIN)

BFHD

Biotite Feldspar Hornblende Porphyry Dyke (POST MIN)

QFP1

Quartz Feldspar Porphyry Dyke (POST MIN)

MNZD

Monzonite-Monzodiorite Dyke (PRE MIN)

QFPD

Quartz Feldspar Porphyry Dyke (PRE MIN)

QFBD

Quartz Feldspar Biotite Porphyry Dyke (PRE MIN)

FOPD

Feldspar Porphyritic Dyke (PRE MIN)

SECTION SPECS:

REF. PT. E, N

632545 m 5987000 m

EXTENTS

980.5 m 737 m

SECTION TOP, BOT

950 m 213 m

TOLERANCE +/-

50 m

SCALE

(m)

-10 0 10 20 30 40 50 60

unknown

AZIMUTH = 0°

N

W

E

S

Lions Gate Metals Inc.

Poplar Deposit

Assessment Report Drill Sections

11-PC-124 & 11-PC-125