Assessment Report:
Geochemistry, Geological Mapping and Prospecting
Hudson Bay Mountain Property
Lions Gate Metals Inc.
Omineca Mining Division
British Columbia
Canada

NTS 093E/14W

54°50' N Latitude

127°20' W Longitude

506498, 518757, 518822, 518823, 536587, 536588, 536589, 536590, 536591, 536592, 536593, 536594, 536595, 536596, 536597, 536598, 536929, 536930, 536932, 536933, 538386, 550606, 619587, 619597, 619604, 619683, 619785, 619803, 619804, 620023, 620024, 620025, 620026, 620027, 620043, 620044, 620045, 620046, 620047, 620048, 620049, 620050, 620052, 623203, 831576, 831577, 832502, 832560, 832562, 832571, 832573, 832576, 832577, 832580, 832581, 832609, 832610, 832613, 832614, 832618, 832620, 832623, 832624, 832625, 832626, 832627, 832628, 832629, 832630, 832642, 832643, 832644, 832645, 832646, 832647, 832648

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Table of Contents

List of Tables

List of Figures

Appendices

Maps (set up to print on 36''X42'' paper)

Hudson Bay Mountain Silt Sample Location Map – Sample ID, Silver, Gold, Copper.

Hudson Bay Mountain Sample Location Map, EM West Soil Grid – Sample ID, Silver, Gold, Copper.

Hudson Bay Mountain Sample Location Map, Evelyn Soil Grid – Sample ID, Silver, Gold, Copper.

Hudson Bay Mountain Sample Location Map, Rock Samples – Sample ID, Copper, Silver, Gold, Sample ID-Claim 619587, Lead, Zinc.

Hudson Bay Mountain Sample Location Map, Mag Low Soil Grid – Silver, Gold, Copper.

Hudson Bay Mountain Sample Location Map, Silvern Creek Soil Grid – Silver, Gold, Copper.

1 Introduction

The Hudson Bay Mountain property (the Property) is comprised of 78 mineral claims that cover an area of 22,881 hectares. These mineral claims are wholly owned by Lions Gate Metals Inc. (Lions Gate). The claims surround the Davidson (Glacier Gulch or Yorke-Hardy) porphyry molybdenum deposit, which was being evaluated for possible development by Thompson Creek Mining Inc. The center of the property is located 13 kilometres northwest of the town of Smithers in west central British Columbia.

In June, July and August 2011 a surficial exploration program was completed on the Hudson Bay Mountain Property. The program focussed on locating and testing known showings, collecting silt samples from streams within and draining from the property and completing several soil sample grids over Electromagnetic and Magnetic anomalies identified in the Quest West Airborne survey completed in the summer of 2008.

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.

Bedrock mapping has shown that Hudson Bay Mountain is comprised of one or more east dipping, westward directed thrust plates comprised of Lower Jurassic Telkwa Formation volcanic rocks unconformably overlain by Lower Cretaceous Skeena Group sedimentary rocks. Late, post mineral high angle faults trend north to northwesterly and displace the various stratigraphic units. In the core of the mountain, Telkwa Formation rocks are intruded by porphyritic granodiorite, quartz monzonite and quartz porphyry, all of which host varying degrees of molybdenite mineralization. Mineral occurrences on the Lions Gate property are mainly polymetallic Pb-Zn-Ag+/-Au veins. These are interpreted to be distal to a porphyry hydrothermal system or systems at depth.

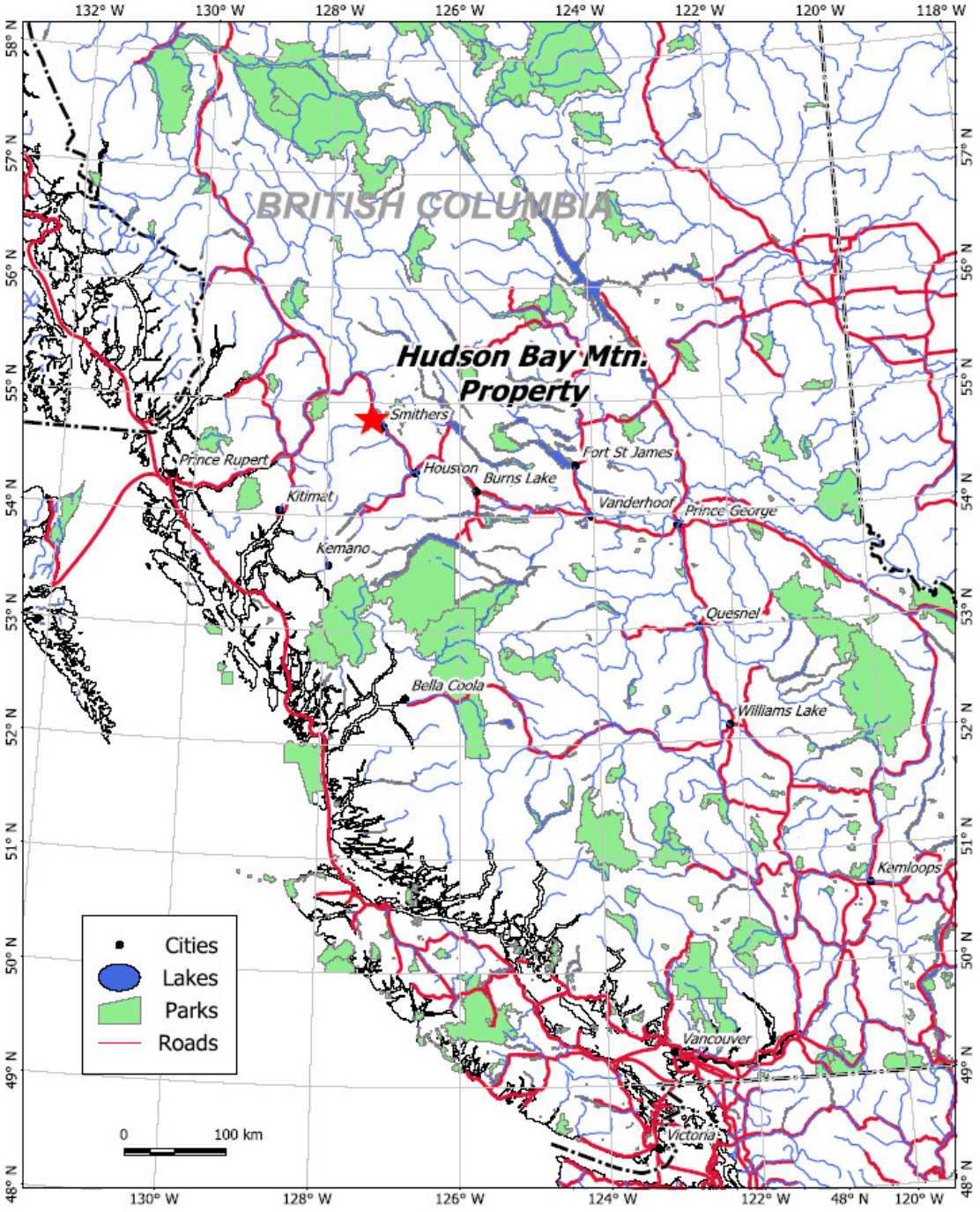

Figure 1. Location of the Hudson Bay Mountain property, west central British Columbia. (MacIntyre, 2010)

2 Reliance on Other Experts

In preparing this report, the author has relied heavily on the Technical Reports prepared by D.G MacIntyre. Mr. MacIntyre (the author) has relied on reports, maps, and public domain information that are listed in the "References" section of this report. Government reports referenced by this report were prepared by a person(s) holding post-secondary geology or related university degrees and, therefore, the information in those reports is assumed to be

accurate. Those reports written by other geologists, prior to the implementation of the standards relating to National Instrument 43-101, are also assumed to be accurate based on a review conducted by the author although they are not the sole basis for this report.

3 Property Description and Location

(from MacIntyre, 2010)

The Hudson Bay Mountain property is located on National Topographic System (NTS) map sheet 093L 14W (Figure 1). The claims are centered at Universal Transverse Mercator (UTM) co-ordinates 606573E, 6078939N using North American Datum (NAD) 83, or latitude 54°50'N longitude 127°20'W. The nearest town is Smithers, which is located on Highway 16, 13 kilometres southwest of the center of the property (Figure 2). The property is in the Omenica Mining Division.

4 Mineral Tenures

The Hudson Bay Mountain property consists of 78 mineral tenures covering 22,881.78 hectares. The tenures surround the Davidson porphyry molybdenum deposit owned by Thompson Creek Mining. The approximate center of the tenure block is 13km NW of Smithers.

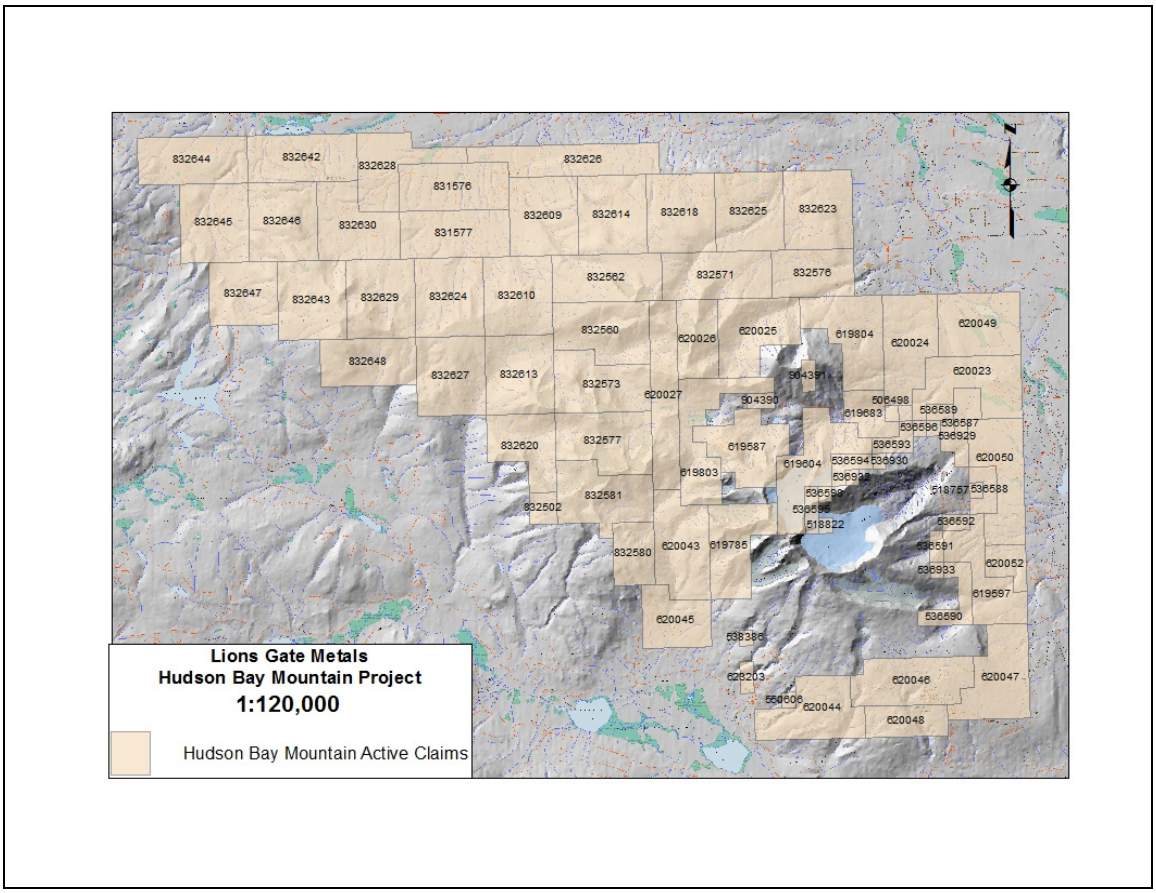

Figure 2. Mineral tenure map for the Hudson Bay Mountain property.

4.1 Claim Ownership

Information posted on the MTO website indicates that all of the claims listed in Table 1 are owned 100% by Lions Gate Metals Inc.

Table 1. Mineral tenures held by Lions Gate Metals Inc., Hudson Bay Mountain Property.

Tenure Number	Claim Name	Record Date	Good To Date	Area (HA)
506498		2005/feb/09	2012/nov/30	18.626
518757	FRACTIOND	2005/aug/05	2012/nov/30	18.633
518822	FRACTIONE	2005/aug/08	2012/nov/30	18.638
518823	FRACTIONF	2005/aug/08	2012/nov/30	18.627
536587	VISA1	2006/jul/04	2012/nov/30	149.014
536588	VISA2	2006/jul/04	2012/nov/30	93.170
536589	VISA3	2006/jul/04	2012/nov/30	37.251
536590	VISA4	2006/jul/04	2012/nov/30	149.170
536591	VISA 5	2006/jul/04	2012/nov/30	37.280
536592	VISA6	2006/jul/04	2012/nov/30	37.274
536593	VISA1	2006/jul/04	2012/nov/30	74.516
536594	VISA7	2006/jul/04	2012/nov/30	74.523
536595	VISA8	2006/jul/04	2012/nov/30	55.909
536596	VISA8	2006/jul/04	2012/nov/30	18.628
536597	VISA9	2006/jul/04	2012/nov/30	18.626
536598	VISA10	2006/jul/04	2012/nov/30	18.634
536929	FRAC BEN	2006/jul/11	2012/nov/30	18.628
536930	FRAC BEN	2006/jul/11	2012/nov/30	18.630
536932	FRAC BEN	2006/jul/11	2012/nov/30	18.632
536933	FRAC BEN	2006/jul/11	2012/nov/30	18.643
538386	A FRAC	2006/jul/31	2012/nov/30	18.652
550606	THE ONE	2007/jan/30	2012/nov/30	18.659
619587	SILVER	2009/aug/16	2012/nov/30	409.850
619597	GOLF	2009/aug/16	2012/nov/30	354.240
619604	TOBOGGAN	2009/aug/16	2012/nov/30	465.790
619683	TOBOGGAN-2	2009/aug/16	2012/nov/30	167.630
619785	HUDBAY1	2009/aug/16	2012/nov/30	410.101
619803	HUDBAY2	2009/aug/16	2012/nov/30	447.058
619804	HUDBAY3	2009/aug/16	2012/nov/30	465.426
620023	HUDBAY4	2009/aug/17	2012/nov/30	446.951
620024	HUDBAY5	2009/aug/17	2012/nov/30	446.831
620025	HUDBAY6	2009/aug/17	2012/nov/30	446.774
620026	HUDBAY7	2009/aug/17	2012/nov/30	279.233
620027	HUDBAY8	2009/aug/17	2012/nov/30	446.929
620043	HUDBAY9	2009/aug/17	2012/nov/30	466.031
620044	HUDBAY10	2009/aug/17	2012/nov/30	447.845
620045	HUDBAY11	2009/aug/17	2012/nov/30	317.046
620046	HUDBAY12	2009/aug/17	2012/nov/30	466.405
620047	HUDBAY13	2009/aug/17	2012/nov/30	466.413
620048	HUDBAY14	2009/aug/17	2012/nov/30	223.931

620049	HUDBAY15	2009/aug/17	2012/nov/30	446.784
620050	HUDBAY16	2009/aug/17	2012/nov/30	447.194
620052	HUDBAY17	2009/aug/17	2012/nov/30	130.503
623203	HUDBAY18	2009/aug/24	2012/nov/30	37.310
831576	HUDBAY18	2010/aug/16	2012/nov/30	446.280
831577	HUDBAY19	2010/aug/16	2012/nov/30	446.410
832502		2010/aug/31	2012/nov/30	74.542
832560		2010/sep/01	2012/nov/30	465.319
832562		2010/sep/01	2012/nov/30	446.556
832571		2010/sep/01	2012/nov/30	446.595
832573		2010/sep/01	2012/nov/30	446.861
832576		2010/sep/01	2012/nov/30	334.974
832577		2010/sep/01	2012/nov/30	465.663
832580		2010/sep/01	2012/nov/30	223.706
832581		2010/sep/01	2012/nov/30	465.874
832609		2010/sep/02	2012/nov/30	464.959
832610		2010/sep/02	2012/nov/30	465.198
832613		2010/sep/02	2012/nov/30	465.436
832614		2010/sep/02	2012/nov/30	464.972
832618		2010/sep/02	2012/nov/30	465.000
832620		2010/sep/02	2012/nov/30	353.903
832623		2010/sep/02	2012/nov/30	465.065
832624		2010/sep/02	2012/nov/30	465.205
832625		2010/sep/02	2012/nov/30	465.023
832626		2010/sep/02	2012/nov/30	464.797
832627		2010/sep/02	2012/nov/30	465.443
832628		2010/sep/02	2012/nov/30	390.459
832629		2010/sep/02	2012/nov/30	465.229
832630		2010/sep/02	2012/nov/30	446.408
832642		2010/sep/02	2012/nov/30	446.215
832643		2010/sep/02	2012/nov/30	465.230
832644		2010/sep/02	2012/nov/30	446.222
832645		2010/sep/02	2012/nov/30	465.000
832646		2010/sep/02	2012/nov/30	464.992
832647		2010/sep/02	2012/nov/30	372.169
832648		2010/sep/02	2012/oct/30	390.953
904390	HUDBAY20	2011/oct/03	2012/oct/03	37.250
904391	HUDBAY21	2011/oct/03	2012/oct/03	37.240
78 claims				22881.783

4.2 Underlying Option Agreement

According to information provided by the company there are no underlying option agreements in effect for the mineral tenures listed in Table 1. These tenures are wholly owned by Lions Gate. However, the original tenure holders from whom the claims were purchased do retain a 2% Net Smelter Return Royalty (NSR) which can only be exercised once the property is put into production.

5 Accessibility, Climate, Local Resources, Infrastructure and Physiography

(from MacIntyre, 2010)

5.1 Access

The mineral claims discussed in this report cover a large part of Hudson Bay Mountain and adjacent area. Road access is limited to an old exploration road that was used to explore mineral showings on the north flank of the mountain. This road leaves Glacier Gulch road on the east side of the mountain and crosses the steep slope on the north side of Toboggan Creek connecting to a network of roads at the top of the ridge. This road is no longer passable due to slope failure but could easily be refurbished.

5.2 Climate

The climate on Hudson Bay Mountain is typical of alpine areas on the east side of the Coast Mountains. Summers are short, with temperatures varying from lows near freezing to highs in the 10-20 degree centigrade range. Periods of heavy rain are common and snow can occur at higher elevations anytime during the summer. Winters are long and cold with heavy snow accumulations in alpine areas. These accumulations are high enough to support a ski operation on the south flank of the mountain. In the Bulkley valley, just east of the mountain, temperatures range from a maximum of 37°C to lows of -44°C. Averages are -10° C in January to 14° C in July. The average annual snowfall is 1.5 metres. Rain can occur in any month and ranges from an average low of 5 millimetres in February to a high of 58 millimetres in October.

5.3 Local Resources

The town of Smithers is located approximately 13 kilometres southeast of the center of the claim block. This town has all the amenities necessary to support mineral exploration and development on Hudson Bay Mountain, including grocery stores, industrial supply shops, hardware stores and contractors capable of providing exploration and mining specific services.

5.4 Infrastructure

The Hudson Bay Mountain property is ideally situated in terms of infrastructure. The all-weather interprovincial Highway 16 is located in the Bulkley Valley immediately east of the property. This highway provides access to the port of Prince Rupert on the BC west coast, a distance of 353 kilometres. This port has facilities for shipping resource products to Asian markets. The Canadian National Railway also runs along the Bulkley Valley and provides rail access to the port of Prince Rupert and many other destinations to the east. A major 138kV powerline and a gas pipeline are also located in the Bulkley Valley.

5.5 Physiography

The Hudson Bay Mountain property is located on the western margin of the Central Interior physiographic region of the Province of British Columbia, This area is characterized by a chain of mountain ranges separated by broad valleys. The property is located on Hudson Bay Mountain which rises to an elevation of 2,591 metres, the highest peak in the Hudson Bay Range. This range consists of an isolated group of ridges and peaks that are separated by prominent river valleys. The range is part of the Hazelton Mountains. These mountains are bounded on the west by the Coast Mountain Range, on the south by the Interior Plateau and on the east by the Skeena Mountains and Nechako Plateau. A cirque valley on the east side of Hudson Bay Mountain is occupied by the retreating Kathlyn Glacier. On the north slope of the mountain is the Toboggan hanging glacier which is also retreating. The Bulkley Valley is sparsely tree covered with pine, spruce and balsam with more dense spruce and/or hemlock forested areas on the lower slopes of surrounding mountain ranges. Much of the valley has been cleared for ranching and agricultural purposes. Tree line on Hudson Bay Mountain is at approximately 1600 metres elevation.

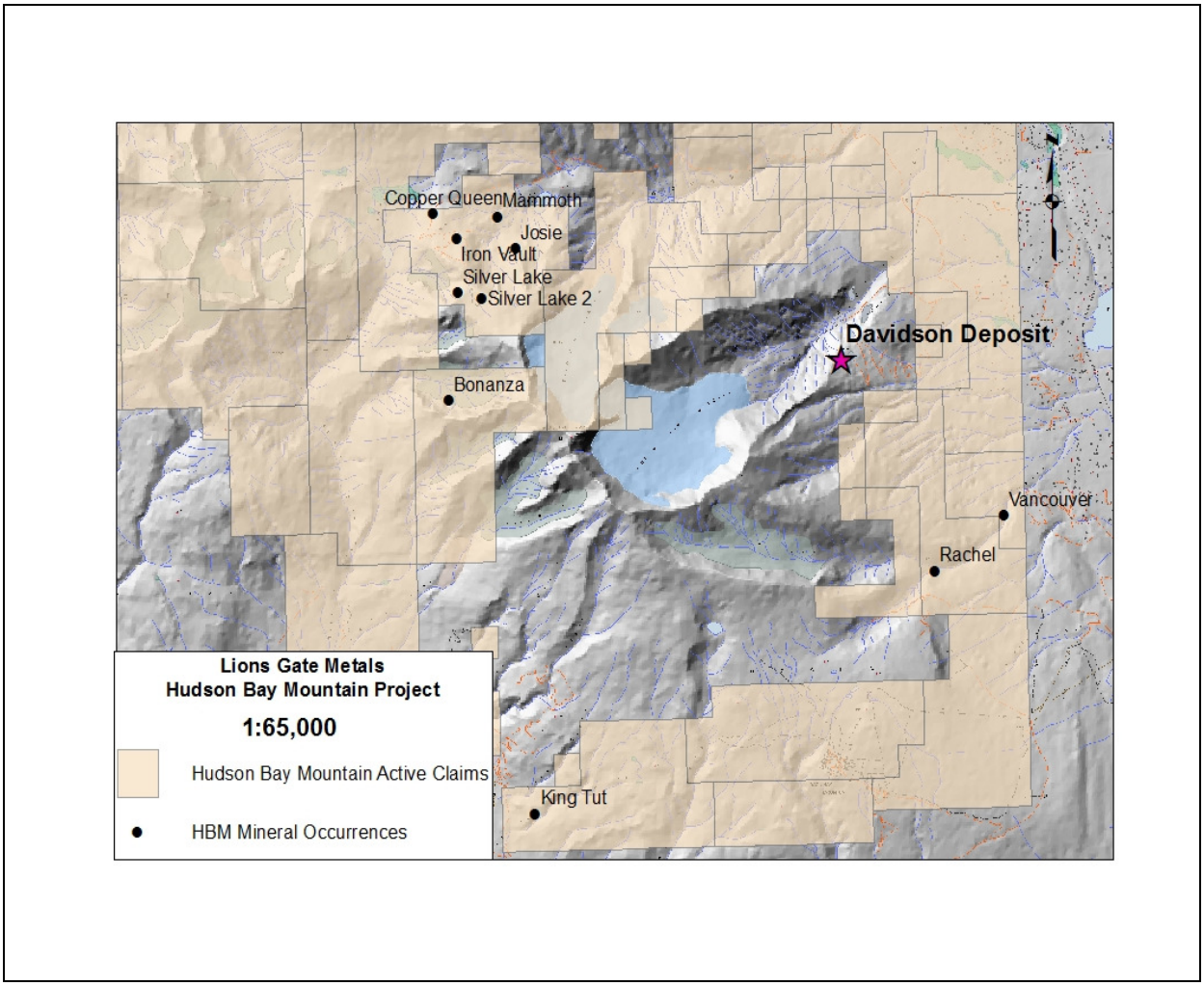

Figure 3. Mineral occurrences on Hudson Bay Mountain. Map prepared by the writer using information from the BC Ministry of Energy and Mines MINFILE database.

Table 2. Mineral Occurrences on claims held by Lions Gate Metals Inc.

MINFILE No.	Name	Status	Commodities	Deposit Models	Easting	Northing	Ministry of Energy & Mines Annual Reports	Ministry of Energy & Mines Assessment Reports
093L 087	KING TUT	Showing	Ag Zn Pb Cu	I05	606164	6069674	1924, 1927, 1928, 1978, 1979	14300
093L 096	BONANZA:TRADE DOLLAR:SILVER LAKE	Showing	Cu Ag	L01:D03	604846	6075611	1916, 1928	471
093L 097	SILVER LAKE (L.7239):WHITE HEATHER:SILVER LAKE NO. 1	Past Producer	Ag Pb Zn Au Cu	I05:L01	604988	6077160	1905, 1907, 1913, 1916, 1923, 1924, 1926, 1927, 1928, 1929, 1931, 1933, 1934, 1950, 1963, 1964, 1965, 1966, 1977	471
093L 098	IRON VAULT (L.5754):SILVER CREEK:VAN ANDA (L.5756):SCHUFER	Past Producer	Ag Pb Zn Au Cu	J01:I05	604970	6077933	1908, 1912, 1913, 1914, 1916, 1917, 1918, 1919, 1925, 1926, 1927, 1930, 1931, 1935, 1950, 1963, 1965, 1966	
093L 100	MAMMOTH (L.7249):IRON MASK (L.5750)	Prospect	Ag Pb Zn Au Cu	I05	605587	6078257	1907, 1909, 1911, 1931, 1950	
093L 101	COPPER QUEEN (L.5751):SILVER CREEK	Developed Prospect	Ag Zn Cu Au	I02:I05	604605	6078296	1907, 1914	

MINFILE No.	Name	Status	Commodities	Deposit Models	Easting	Northing	Ministry of Energy & Mines Annual Reports	Ministry of Energy & Mines Assessment Reports
093L 113	VANCOUVER:LONE STAR:SLOAN	Past Producer	Ag Pb Zn Au	I05	613281	6073960	1916, 1926, 1935, 1956, 1966,	
093L 114	RACHEL:CASCADE	Prospect	Au Ag Pb Zn	I05	612229	6073160	1912, 1923, 1924, 1925, 1986	15140
093L 229	JOSIE (L.7251)	Prospect	Zn Ag	I05	605866	6077799	1914, 1928	
093L 231	SILVER LAKE 2 (L.7240):TRADE DOLLAR:SILVER LAKE	Past Producer	Ag Pb Zn Au	I05	605347	6077076	1905, 1907, 1913, 1916, 1923, 1924, 1926, 1927, 1928, 1929, 1931, 1933, 1934, 1950, 1963, 1964, 1965, 1966,	471

Note: coordinates are NAD83, UTM zone 9.

6 History

(from MacIntyre, 2010)

The earliest recorded exploration work done on Hudson Bay Mountain dates back to 1905 when prospectors began exploring much of central B.C. As shown on Figure 4 a significant number of mineral occurrences have been discovered on the mountain since these early days. Table 2 is a summary of the mineral occurrences that are located on claims held by Lions Gate. Brief descriptions of exploration activity on these occurrences are found in annual reports published by the B.C. Ministry of Energy and Mines and in reports filed for assessment credit. The years for which exploration work has been described in the Minister of Mines annual reports is indicated in Table 2 and gives a general sense of exploration activity for each occurrence.

The most extensively explored MINFILE occurrences are 093L 097, 098, 116, 117, 230, 231 all of which are past producers with the exception of 230 which is a prospect.

Table 3 is a summary of production from occurrences listed as past producers that are covered by the Lions Gate claims. As shown in the table, most of the production has been on a small tonnage, high grade, short term basis. The only historical resource estimate for occurrences covered by the Lions Gate claims is for the Silver Lake 2 occurrence (Table 4). This showing is estimated to have an inferred resource of 30,000 tonnes grading 449.13 g/t Silver, 1.71 g/t Gold, 6.70% Pb and 17.7% Zn. This historical resource estimate is unlikely to meet current standards for resource estimates as specified under NI43-101 and cannot be relied upon.

Table 3. Production history for mineral occurrences on claims held by Lions Gate.

MINFILE No.	Name	Production Year	Tonnes Mined	Tonnes Milled	Commodity	Recovered	Units
093L 097	SILVER LAKE (L.7239)	1913	2		Silver	5,412	grams
					Copper	834	kilograms
093L 098	IRON VAULT (L.5754)	1964	1		Silver	3,235	grams
					Lead	663	kilograms
					Zinc	71	kilograms
093L 113	VANCOUVER	1935	23		Silver	1,275	grams
					Lead	370	kilograms
					Zinc	116	kilograms
093L 231	SILVER LAKE 2 (L.7240)	1917	5		Silver	36,079	grams
					Gold	62	grams
					Lead	1,817	kilograms

Table 4. Historical resource estimate for the Silver Lake 2 occurrence

Minfile No.	Name	Zone	Year	Category	Tonnage	Commodity	Grade
093L 231	SILVER LAKE 2 (L.7240)	NO. 3	1964	Inferred	30 kt	Silver	449.13 g/t
						Gold	1.71 g/t
						Lead	6.70%
						Zinc	17.70%

Source: Energy, Mines & Resources Canada Mineral Bulletin 198, page 238.

The most significant exploration target on Hudson Bay Mountain is the Davidson (Glacier Gulch or Yorke-Hardy) porphyry molybdenum deposit. Although the Davidson deposit is not covered by the claims discussed in this report, the deposit is described in some detail because of its significance to the potential for discovering extensions of the deposit or new deposits related to the same intrusive complex on claims held by Lions Gate.

The following historical summary is extracted from a recent technical report by Giroux (2005).

"Molybdenum was first reported in outcrop on Hudson Bay Mountain by the Geological Survey of Canada in 1944. The first claims were staked by William Yorke-Hardy in 1957. The property was optioned to American Metal Co. ("AMAX") from 1957 to 1959 during which time they completed a program of surface trenching and limited drilling.

In 1961 the property was optioned by Climax Molybdenum Corp. of B.C. Ltd. During the period 1961 to 1963 Climax completed a total of 14,502 ft. (4.420 m) of diamond drilling identifying two shallow dipping bodies of molybdenite-scheelite mineralization.

In 1966 an adit was collared at an elevation of 3,500 ft. (1067 m) and driven 66 degrees west for 5,600 ft. (1708 m) then due west for 700 ft (214 m) from the east slope of Hudson Bay Mountain, from which two cross cuts were developed for underground drilling. A total of 164 diamond drill holes were completed; 41 from surface totaling 23,500 m. and 123 holes in fans from underground stations located on roughly 100 ft. centres (34,907 m). Climax completed the outright purchase of the Yorke-Hardy in 1971.

A summary of work completed by Climax Canada Ltd. between 1962 and 1991 is taken from the BC Governments MINFILE database

- 1962 - Geological mapping (Assessment Report 471)
- 1963 - Airborne Magnetic survey (Assessment Report 545)
- 1968 - Soil geochemical survey (388 samples) (Assessment Report 1730)
- 1968 - Soil geochemical survey (205 samples) (Assessment Report 2245)
- 1969 - Adit reopened and ventilated and 5,200 ft. of track was ballasted
- 1973 - Grid cutting and geological mapping (Assessment Report 4756)
- 1973 - Underground diamond drilling 5 holes BQ (2239 m), Sampling 273 assays for Multi-element plus tungsten and copper and line cutting (Assessment Report 4871)
- 1974 - Diamond Drilling 3 holes BX (146 m) (Assessment Report 5041)
- 1976 - Diamond Drilling 2 holes BQ (183 m) (Assessment Report 5928)
- 1977 - Diamond Drilling 2 holes BQ (69 m) (Assessment Report 6480)
- 1979 - Diamond Drilling 4 holes HQ (527 m) (Assessment Report 7565)
- 1979 - Underground Diamond Drilling 14 holes (1884 m) (Assessment Report 7780)
- 1981 - Preliminary geotechnical and environmental study of a proposed tailings pond site (Assessment Report10370)

- 1989 - Geochemical Soil Survey 264 samples (Assessment Report 18236)
- 1990 - Lithogeochemical Survey 283 samples (Assessment Report 19569)
- 1990 - Geochemical Soil Survey 153 samples (Assessment Report 20797)
- 1991 - Geochemical Surveys 12 rocks, 310 soil samples (Assessment Report 21743)

Over the life of this property several resource estimates have been completed.

In 1981 R.C. Steininger utilized all drill holes (DDH-1 to DDH-164) and a sectional technique on cross sections spaced 100 ft apart to estimate at a 0.2% MoS_2 cutoff 22.7 million tons grading 0.401 % MoS_2. A tonnage conversion factor of 12.12 ft^3/ton was used for this calculation.

In 1981 A. Noble, of AMAX Technical Services, calculated a resource within the same 0.1% MoS_2 shell used by Steininger but used kriging and a 12.5 ft^3 / ton tonnage factor and 50 x 50 x 50 ft blocks. At a 0.2% MoS_2 cutoff Nobel calculated 53.3 million tons grading 0.275 % MoS_2.

In 1996 Climax sold the property to Don Davidson.

In 1998 G.H. Giroux completed a kriged estimate using the same data base including 164 drill holes, a larger mineralized shell, a 50 x 50 x 25 ft block model and a tonnage conversion factor of 12.5 ft^3 / ton. At the same 0.2% MoS_2 cutoff a resource of 77.63 million tons grading 0.286 % MoS_2 was classed measured plus indicated."

7 Geological Setting

(from MacIntyre, 2010)

7.1 Regional Geology

West-central British Columbia is part of the Stikine terrane. This terrane, which is believed to have traveled north from low paleolatitudes in Late Cretaceous or Early Tertiary time, includes: submarine calcalkaline to alkaline volcanic island arc rocks of the Late Triassic Takla Group; subaerial to submarine calcalkaline volcanic, volcaniclastic and sedimentary rocks of the Early to Middle Jurassic Hazelton Group; Late Jurassic and Early Cretaceous successor basin sedimentary rocks of the Bower Lake, Skeena and Sustut groups; and Late Cretaceous to Tertiary calcalkaline continental volcanic arc rocks of the Kasalka, Ootsa Lake and Goosly Lake groups (Figure 5). The younger volcanic rocks occur sporadically throughout the area, mainly in subsided fault blocks and grabens that may be the remains of cauldron subsidence complexes.

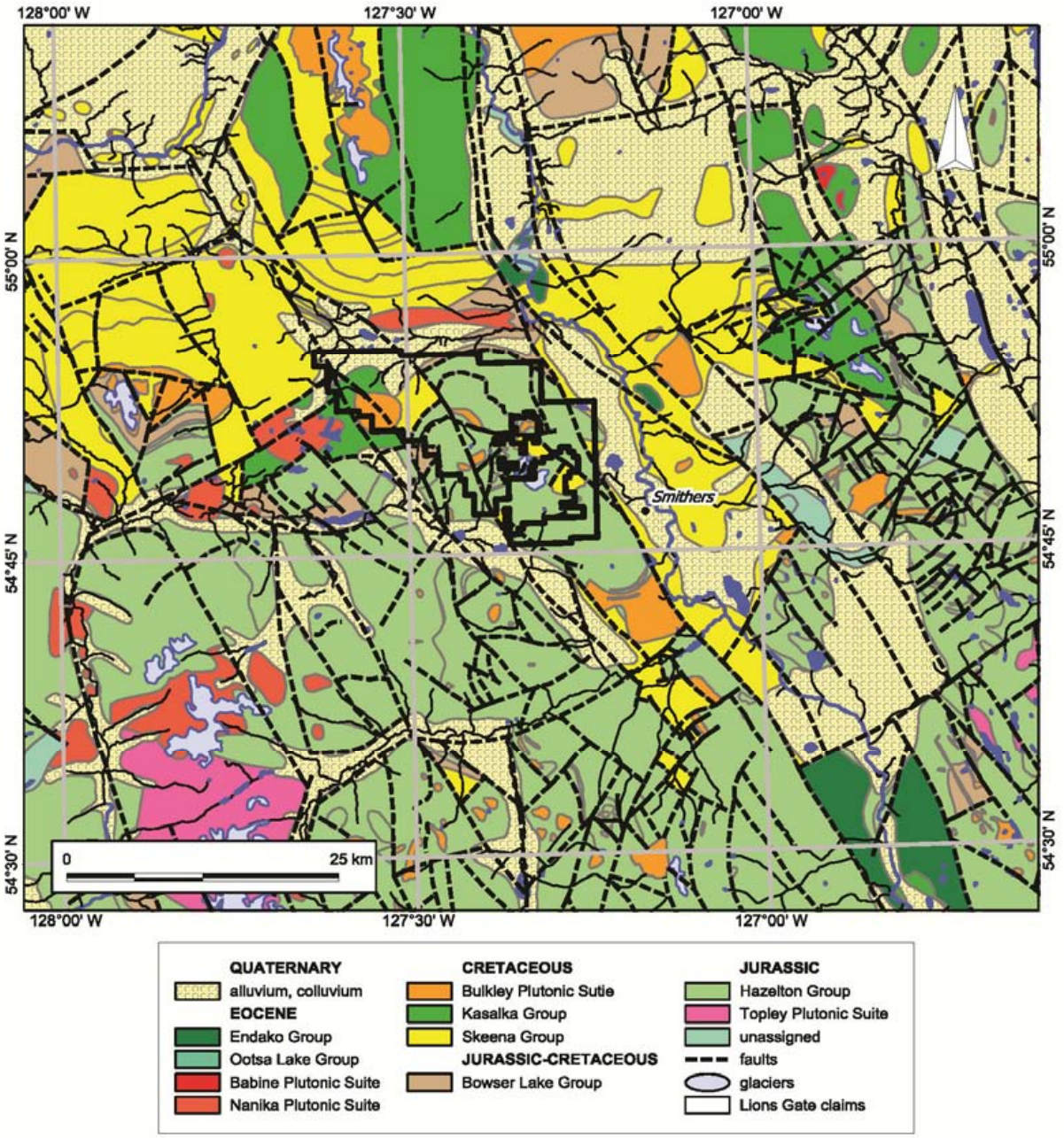

Figure 4. Regional geological setting of the Hudson Bay Mountain property. Map prepared by the writer from digital geology downloaded from the BC Ministry of Energy and Mines website (Massey et al., 2004). Map is in UTM projection, Zone 9, NAD83.(From MacIntyre, 2010)

Potassium-argon isotopic dating has defined three major magmatic events. These are the Late Triassic to Early Jurassic Topley Plutonic Suite, the Middle to Late Cretaceous Bulkley Plutonic Suite and the Eocene Nanika Plutonic Suite (Carter, 1981). Mineral deposits in the area are associated with emplacement of these intrusions. The most economically important exploration targets are porphyry copper and molybdenum deposits and mesothermal and

epithermal precious metal veins. A few small massive sulphide occurrences have also been discovered.

The tectonic history of the area is divisible into three distinct regimes. From Early to Middle Jurassic time an extensive calcalkaline island arc evolved, with a possible back-arc basin located to the east. This was followed from late Middle Jurassic to Early Cretaceous time by development of the Bower and Nechako successor basins. Thick deposits of molasse derived from an uplifted Skeena Arch and Omineca crystalline belt accumulated within these basins. A major plate collision in Middle Cretaceous time resulted in uplift of the Coast Range and extensive folding of rocks to the east.

Debris was shed eastward across the area from the rising metamorphic-plutonic complex and this was followed by the growth of a north-trending Andean-type volcanic arc in Middle to Late Cretaceous time. A transtensional tectonic regime in Late Cretaceous to Early Tertiary time produced the basin-and-range geomorphology that controls the current map pattern of the area. The latest tectonic event appears to be northeast shearing and tilting of fault blocks to the southeast (Maclntyre and Desjardins, 1988). This shearing has offset northwest-trending grabens that developed in Late Cretaceous to Early Tertiary time.

The Telkwa and Babine ranges consist of a series of uplifted and tilted fault blocks containing rocks ranging from early Jurassic to Tertiary in age. In general the fault blocks are tilted toward the Bulkley valley graben which separates the two ranges. Rocks of Cretaceous and Tertiary age are preserved within the graben. The graben is offset by several major northeast-trending shear zones of probable Tertiary age.

7.2 Property Geology

Hudson Bay Mountain is underlain by volcanic and related volcaniclastic and marine sedimentary rocks of the Lower to Middle Jurassic Hazelton Group, fluvial-deltaic sedimentary rocks of the Lower Cretaceous Skeena Group and calc-alkaline intrusive rocks of the Bulkley Plutonic suite (Kirkham, 1966). The Hazelton Group is comprised of subaerial andesitic volcanic rocks of the Lower Jurassic Telkwa Formation, felsic pyroclastic and volcaniclastic rocks of the Lower to Middle Jurassic Eagle Peak Formation, shallow water feldspathic sedimentary rocks of the Middle Jurassic Smithers Formation and shallow to deep water marine sedimentary rocks of the Middle to Upper Jurassic Ashman Formation. The Hazelton Group is unconformably overlain by marine sedimentary and volcanic rocks of the Lower Cretaceous Skeena Group. The Skeena Group underlies most of the Bulkley Valley which is a north trending graben. On Hudson Bay Mountain, the Skeena Group occurs as erosional remnants on the steep east facing flank of the mountain. The Hazelton and Skeena Groups are cut by equigranular and porphyritic granodiorite, quartz monzonite, and quartz phyric rhyolite phases of the Late Cretaceous Bulkley Intrusive suite.

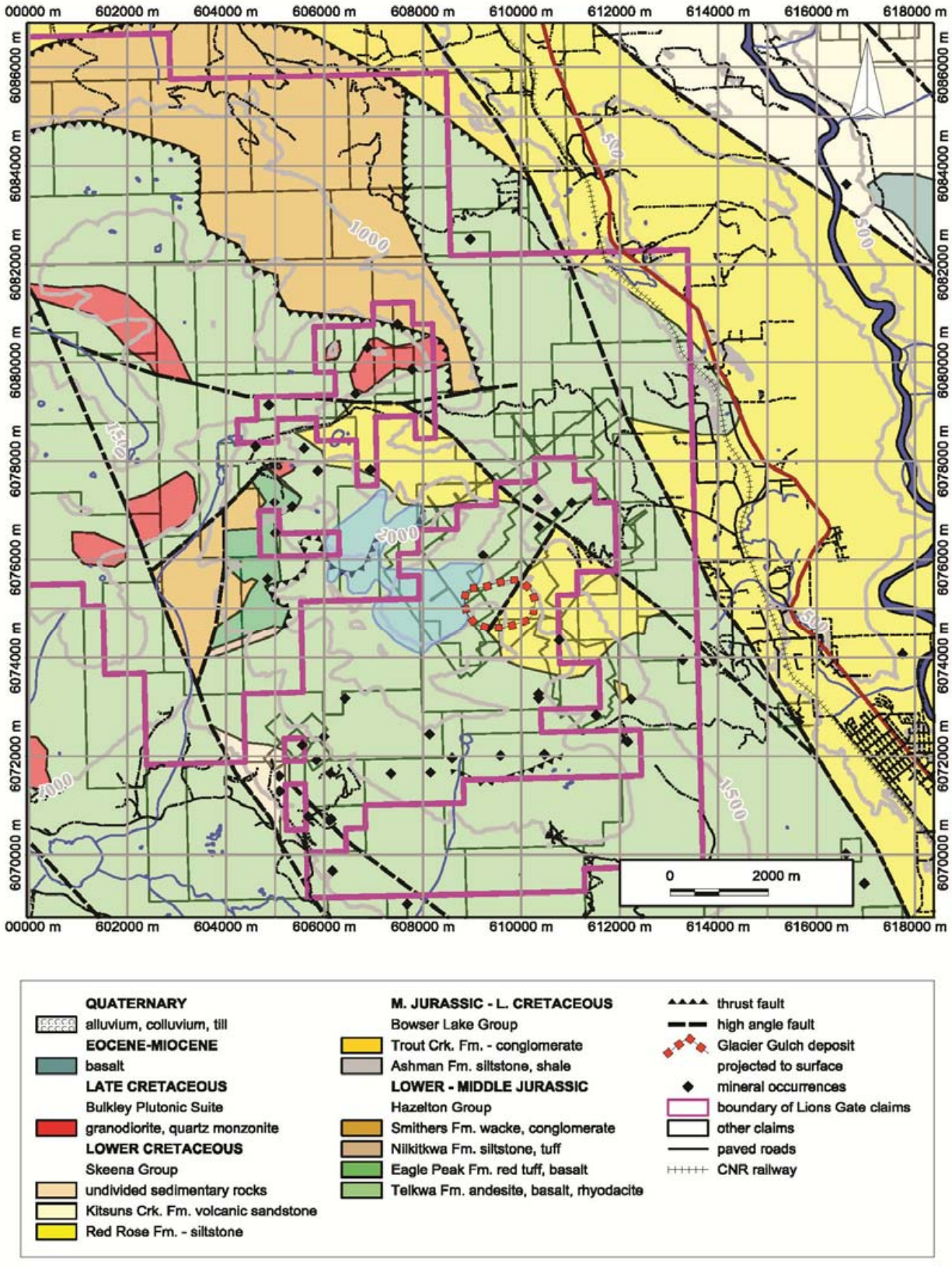

Figure 5. Geology of the Hudson Bay Mountain property. Map prepared by the writer from digital geology downloaded from the BC Ministry of Energy and Mines website (Massey et al., 2004). Map is in UTM projection, Zone 9, NAD83.(From MacIntyre, 2010)

Emplacement of Late Cretaceous plutons was accompanied by formation of associated porphyry copper and molybdenum mineralization and related polymetallic veins. A period of crustal extension and block faulting that is recognized throughout central B.C. has been superimposed on Eocene and older rocks in the area resulting in a complex map pattern (MacIntyre and Villeneuve, 2001). In the vicinity of the Hudson Bay Mountain property a series of northeast and north-trending faults is probably related to this period of extension.

Bedrock mapping completed by the writer (MacIntyre et al., 1988) and others (Kirkham, 1966) on Hudson Bay Mountain has shown that the mountain is comprised of one or more east dipping, westward directed thrust plates comprised of felsic pyroclastic and related volcaniclastic rocks of the Lower Jurassic Telkwa Formation. On the west side of Hudson Bay Mountain these thrust plates are seen to override Middle Jurassic Smithers Formation sedimentary strata. The latter have been folded into an overturned, syncline with an east dipping axial plane. This contractional deformation occurred prior to deposition of the Lower Cretaceous Skeena Group which unconformably overlies deformed Hazelton Group strata. Thrust faults on Hudson Bay Mountain are probably related to formation of the Skeena Fold and Thrust belt that is recognized in the Bowser Basin to the north (Evenchick, 1999).

8 Deposit Types

(from MacIntyre, 2010)

Mineral deposits in British Columbia have been classified by the Geological Survey Branch of the B.C. Ministry of Energy and Mines (now Ministry of Forests, Mines and Lands) according to a set of deposit profiles. Note that occurrences can be given more than one classification.

The classification codes for the occurrences covered by claims held by Lions Gate are given in Table 2. Brief descriptions of each of these deposit models are included below. Complete descriptions are given in Appendix B.

8.1 L01 Subvolcanic Cu-Au-Ag (As-Sb)

Subvolcanic Cu-Au-Ag deposits are mainly pyritic veins, stockworks and breccias in subvolcanic intrusive bodies with stratabound to discordant massive pyritic replacements, veins, stockworks, disseminations and related hydrothermal breccias in country rocks. These deposits are located near or above porphyry Cu hydrothermal systems and commonly contain pyritic auriferous polymetallic mineralization with Ag sulphosalt and other As and Sb-bearing minerals (Panteleyev, 1995).

MINFILE occurrences 93L 096, 102, and 103 have been given this as their primary classification.

8.2 I02 Intrusion Related Au Pyrrhotite Veins

Intrusion related Au-pyrrhotite deposits are parallel, tabular to sigmoid veins of massive sulphide and/or bull- quartz-carbonate with native gold, electrum and chalcopyrite are emplaced in a set of en echelon fractures around the periphery of a subvolcanic pluton. Many previous workers have included these veins as mesothermal veins (Alldrick, 1996).

MINFILE occurrences 93L 099 and 101 are classified as Intrusion Related Au Pyrrhotite veins.

8.3 I05 Polymetallic Veins Ag-Pb-Zn+/-Au

Polymetallic veins are sulphide-rich veins containing sphalerite, galena, silver and sulphosalt minerals in a carbonate and quartz gangue. These veins can be subdivided into those hosted by metasediments and another group hosted by volcanic or intrusive rocks. The latter type of mineralization is typically contemporaneous with emplacement of a nearby intrusion (Lefebure and Church, 1996).

As shown in Table 2, most of the occurrences covered by claims held by Lions Gate have this classification, the only exceptions being those mentioned under other headings in this section.

8.4 J01 Polymetallic Mantos Ag-Pb-Zn

Polymetallic mantos are irregularly shaped, conformable to crosscutting bodies, such as massive lenses, pipes and veins, of sphalerite, galena, pyrite and other sulphides and sulphosalts in carbonate hosts; distal to skarns and to small, high-level felsic intrusions (Nelson, 1996).

Only one occurrence, 093L 098 has been given this classification. It is also classified as a polymetallic vein deposit (I05).

8.5 D03 Volcanic Redbed Cu

Volcanic redbed Cu deposits contain chalcocite, bornite and/or native copper in mafic to felsic volcanic flows, tuff and breccia and related sedimentary rocks as disseminations, veins and infilling amygdules, fractures and flow top breccias. Some deposits are tabular, stratabound zones, while others are controlled by structures and crosscut stratigraphy (Lefebure and Church, 1996a).

Only one occurrence, 093L 096, has been given this as a secondary classification.

9 Mineralization

(from MacIntyre, 2010)

As discussed above, most of the mineral occurrences covered by claims held by Lions Gate are polymetallic veins containing high grade Ag-Pb-Zn+/-Au concentrations. Capsule descriptions of each of the showings covered by this report are given in Appendix A of

MacIntyre's 2010 report. These descriptions have been prepared by experienced geoscientists who have examined historical data from Minister of Mines Annual Reports, reports filed for assessment credit and any internal company reports that were made available at the time the data was compiled. The writer has personal knowledge of most of these showings and is of the opinion that the descriptions contained in the MINFILE database accurately reflect the nature of the geology, mineralization and alteration at these occurrences.

10 Exploration

A surficial exploration program was completed on the Hudson Bay Mountain property from June to August 2011. Focus was given to locating and testing historical showings and investigating areas outlined by the 2008 Quest West airborne survey. Silt samples were collected from creeks within and draining the property and several soils grids were completed over areas of interest.

10.1 Prospecting and Rock Sampling

A total of 122 rock samples were collected and submitted for assay over the 2011 field program. Samples were collected from areas of known mineralization as well as new areas. Results obtained from samples collected from known showings support historical results. Rocks samples were collected from King Tut (093L 087), Iron Vault (093L 098), Copper Queen (093L 101), Josie (093L 229), Silver Lake 2 (093L 231) and Silver Lake (093L 097). Efforts were made to locate the Mammoth, Rachel, Vancouver and Bonanza showings but were considered unsuccessful. The above mineral occurrences are briefly outlined in Table 2.

Additional prospecting and rock sampling was focussed in anomalous areas identified by the 2008 Quest West airborne survey. This survey identified a magnetic high area with an adjacent magnetic low in the northeastern portion of the property and several electromagnetic anomalies, one on the eastern side of Evelyn Mountain, one close to the southern claim boundaries in the Silvern Creek area and another to the west of the magnetic high area.

1:5000 mapping was completed over the magnetic low and the adjacent magnetic high area as seen in Figure 6. The outcrop observed in the magnetic low area consists of a combination of intermediate tuffs and flows to sediments, locally fossiliferous. Mapping over the adjacent magnetic high area revealed a contact between fossiliferous limestone and intermediate volcanics and lithic tuffs. Outcrop in these areas is rare and hard to find, further investigation is required to determine the cause of the magnetic anomalies.

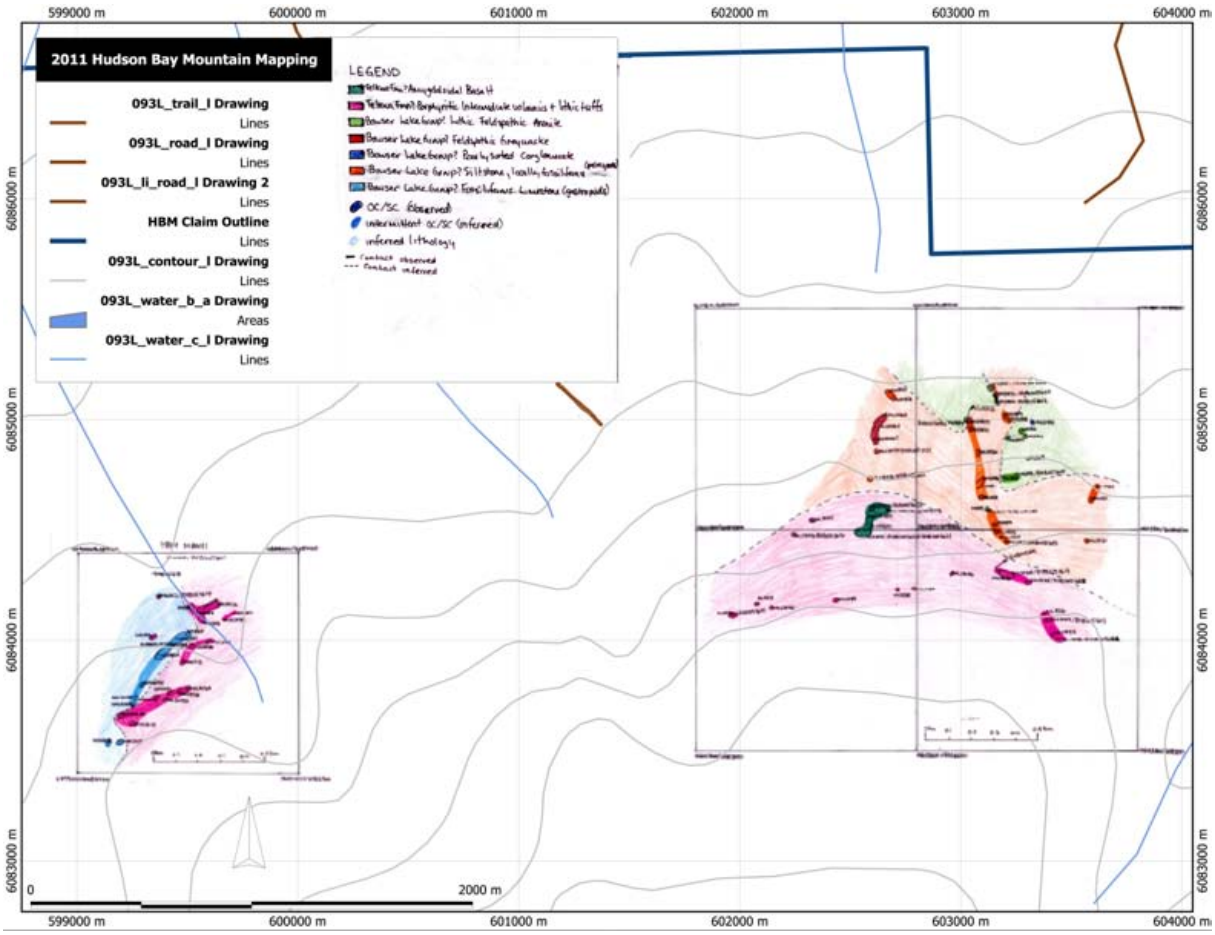

Figure 6. Geological mapping over anomalous magnetics in the northern portion of the property.

Two new areas of strong mineralization were identified through prospecting; the first Goat Basin, is located on the west side of Hudson Bay Mountain in an unnamed hanging valley above Silvern Creek. A total of 9 samples were collected in this area, select results are shown in Table 4. It appears to be red bed type mineralization; the host rock is a grey to brick red intermediate volcanic tuff or flow. The host rocks are believed to be primarily from the Telkwa Formation, the red tuff may belong to the Eagle Peak Formation. Chalcopyrite +/- bornite is finely disseminated throughout the rock and as blebs within amygdules. Malachite and azurite commonly occur as oxide coatings on weathered surfaces and within carbonate veins.

Table 5. Select rock assay results from Goat Basin.

Sample ID	Easting	Northing	Elevation		Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPM
RHB1051634	604765	6074246	1712	float	0.4	1179	14.5	87	19.6	<0.005
RHB1051636	604745	6074242	1696	float	0.6	3350	22	235	42.9	0.009
RHB1051637	604810	6074277	1719	outcrop	0.9	1437	15.3	95	19.4	<0.005
RHB1051638	604780	6074235	1730	oc/talus	0.7	6074	89.2	403	167.7	0.032
RHB1051639	604818	6074156	1740	outcrop	6.3	9330	305.3	727	31.1	0.026
RHB1051545	604723	6074254	1526	float	0.2	11020	179.6	146	9.3	0.4

The second new area of mineralization occurs on a northwest facing ridge in a tributary above Passby Creek, roughly at the center of the claims. Two samples were collected here one of which being anomalous in copper. Sample RHB1051584 contained in excess of 4.5% Cu, 200 ppm Zn and 203 ppm Ag. Host rocks appear to belong to the Telkwa Formation, locally granodiorite was observed within the talus and a contact is believed to be close by. This area was only visited once and requires further investigation. The location of the new mineral occurences is shown in Figure 6.

Complete description and assays for all the rocks can be seen in Appendix 3a. Schematic showing sample locations and select grades can be found in the Appendix.

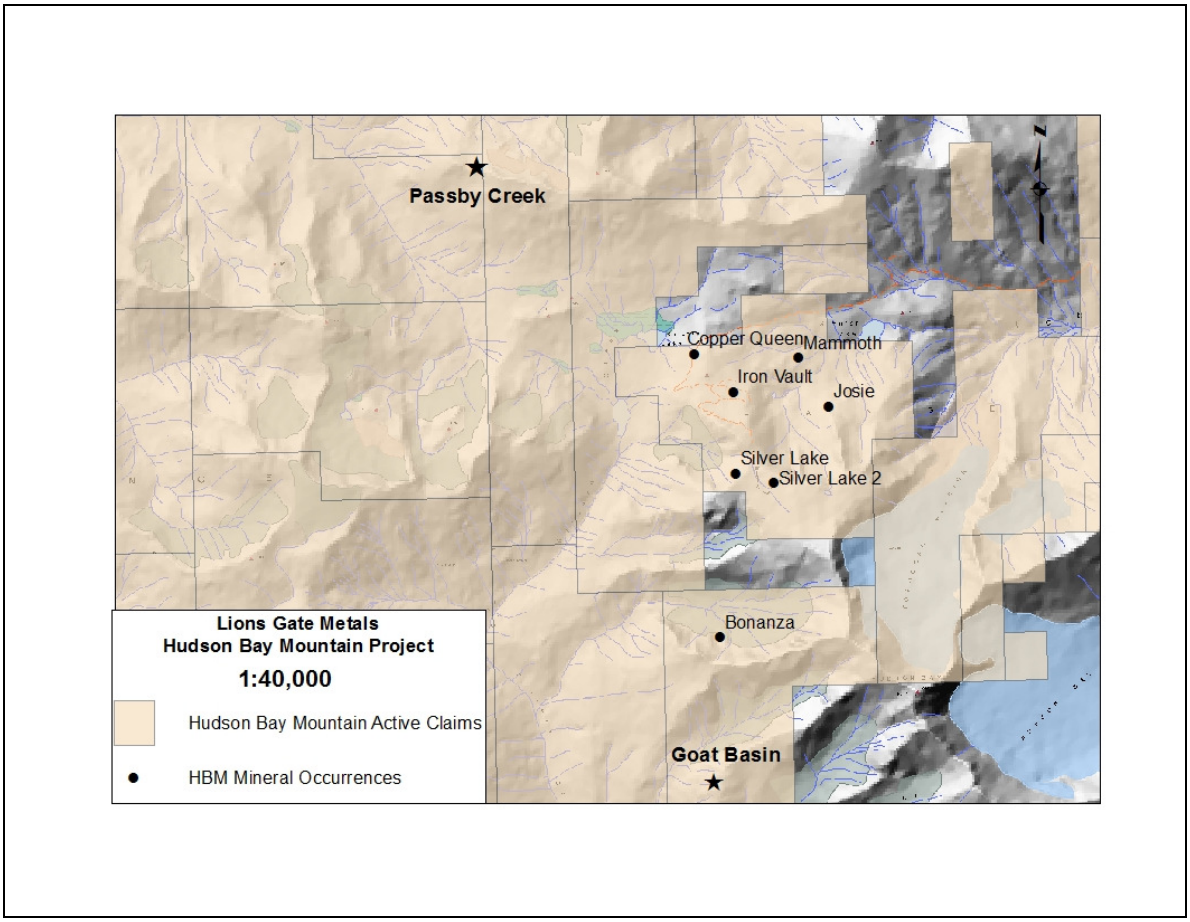

Figure 7. New mineral occurrences identified in the 2011 field program.

10.2 Silt Sampling

A total of 138 stream sediment samples (silt samples) were taken in the 2011 field program from major drainages and some of the smaller tributaries across the Property. The sample distribution is shown on Figure 7. A complete description and assay results can be seen in Appendix 3c.

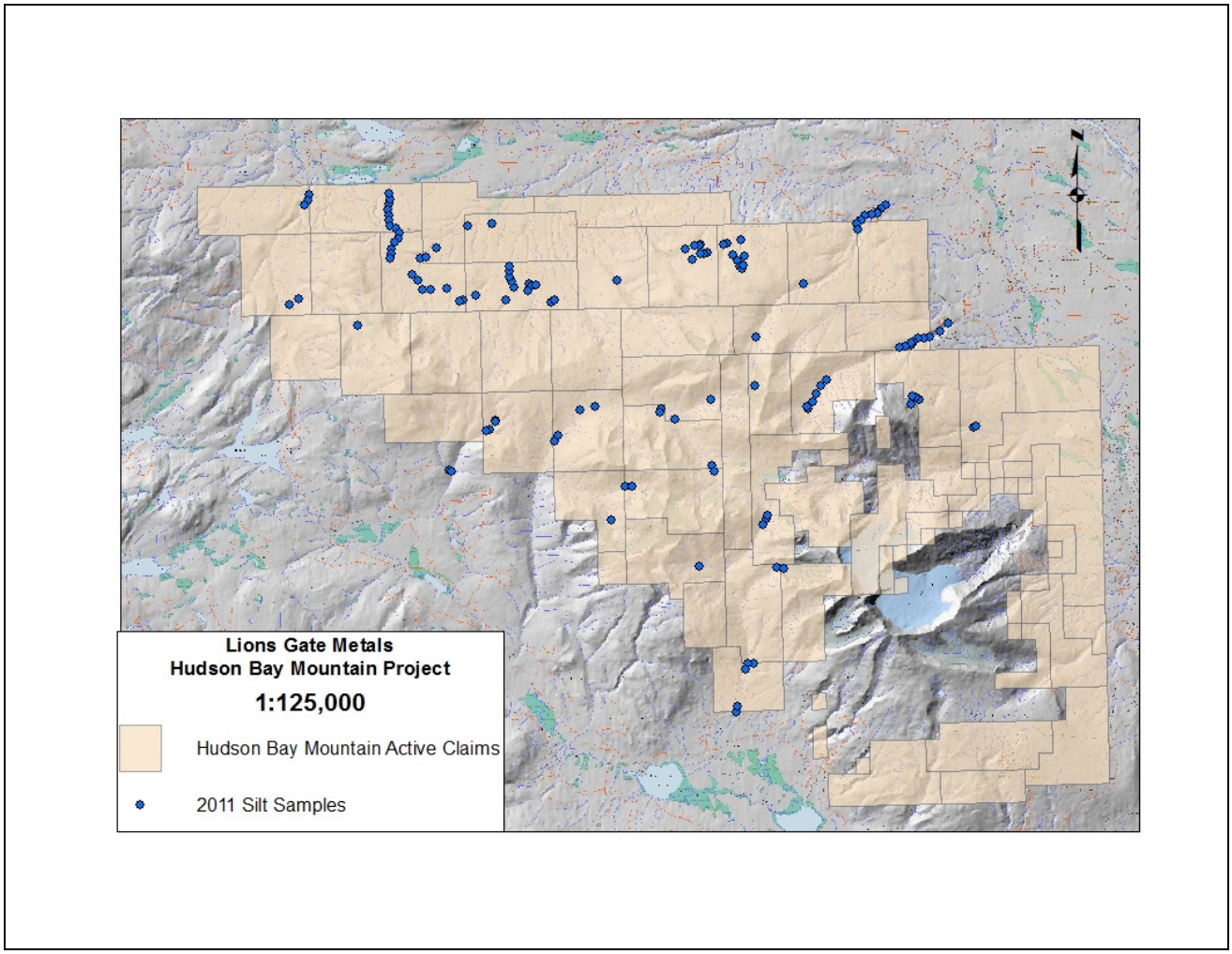

Figure 8. 2011 Silt sample distribution.

10.3 Soil Sampling

A total of 668 soil samples were collected over several grids in the 2011 field program. Areas where soil grids were completed are shown in Figure 8. All of the grids are testing anomalies outlined by the 2008 Quest West survey. Silvern Creek, Evelyn and EM West were all EM anomalies while the Magnetic Low grid was testing a large magnetic low adjacent to this is a magnetic high which requires further testing.

The Silvern Creek soil grid had several samples with anomalous values in Cu, Au and Ag towards the northwestern portion of the gird, as shown in the Cu map in the Appendix. The results from the 2011 surface program warrant a possible northward extension to the grid.

The Magnetic soil grid tested an area identified in the 2008 Quest West airborne survey as a magnetic low. Select samples from the grid were anomalous in Cu, Au and Ag the area

requires more prospecting, mapping and soil sampling. A Magnetic High which also requires further testing, is present to the west of this.

The EM west grid has anomalous silver values and warrants further investigation.

The Evelyn grid was also testing an EM anomaly. This area is best accessed from below as it is very steep from above. Further work is required in this area to follow up on several samples containing anomalous Cu, Au and Ag.

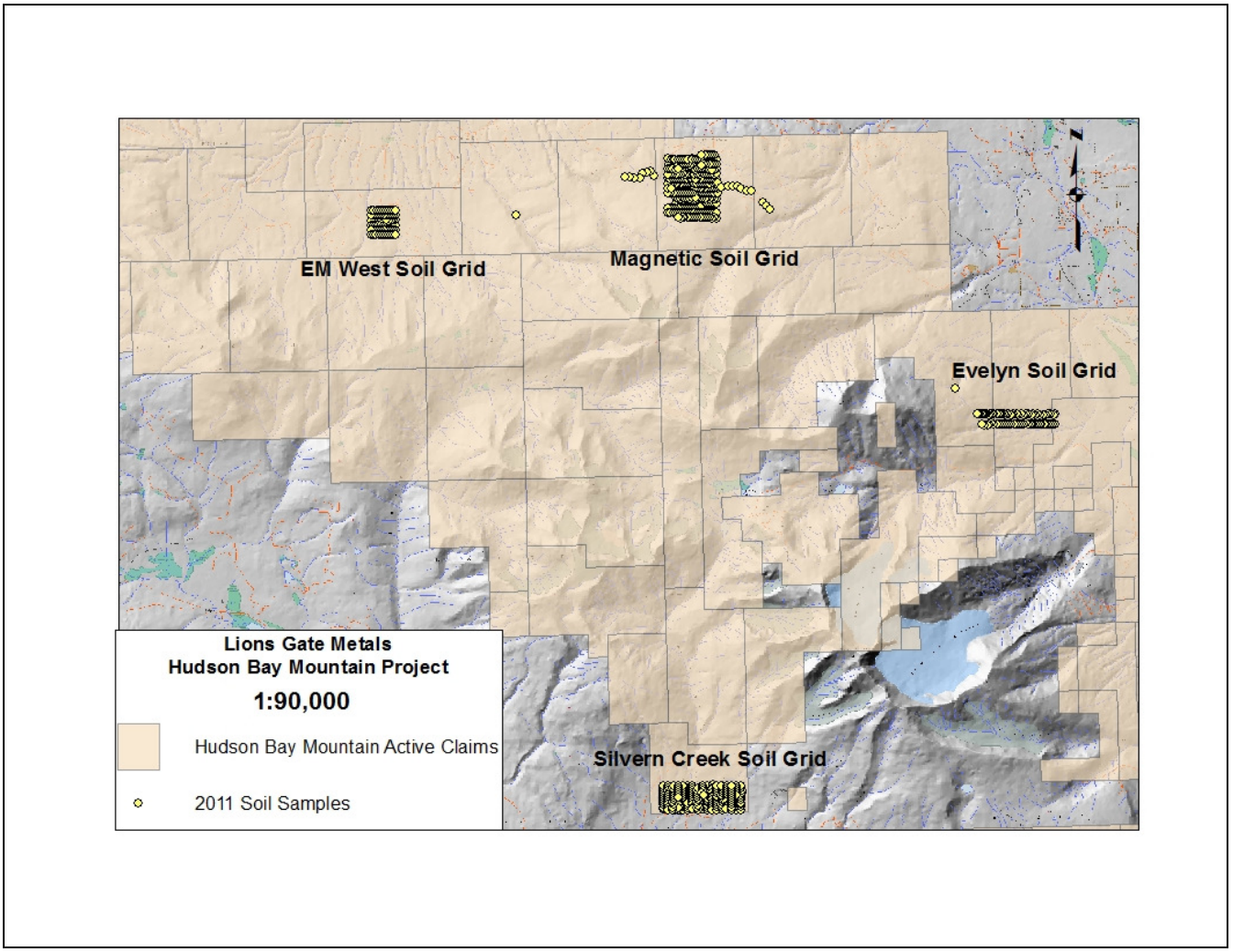

Figure 9. 2011 Soil Sampling Grids.

10.4 Personnel

The following personnel were involved in the LGM 2011 HBM program.

Lorie Farrell	Project Manager-Sr Geologist
Andrea Ross	Project Geologist
Chelsea Knight	Junior Geologist
Patrick Farrell	Senior Sampler
Sean Fraser	Sampler
Micheal Hurwitz	Sampler
Mervin Glaim	Sampler
Amanda Clayton	Sampler
Joseph Aaron Green	Sampler
Ben Alles	Sampler

11 Drilling

There has not been any new or historical drilling done within the area covered by the Lions Gate claims.

12 Sampling Method and Approach

12.1 Sample Methods for Silt, Soil & Rock Samples

Samples on the 2011 program were located using a Garmin Global Positioning System (GPS). Soil and silt samples were placed in a kraft soil sample bag along with a sample tag with a unique number, this number was also written on the outside of the bag with permanent marker, samples were sealed with a small plastic zap strap. Flagging tape and an aluminum tag with this identifying number was also placed at the sample site in the field. Sample data was recorded with Sample Number, Easting, and Northing and a description of the sample including color, texture, float/bedrock petrography, slope and specific notes to the sample.

Rock samples were located using a GPS and collected using a rock hammer, collected rock was placed into a thick plastic rock sample bag. A tag with a unique sample number was placed in the bag; an aluminum tag with this number and flagging tape was secured at the sample location in the field and the sample number was written on the bag with a permanent marker. A sample description including sample number, easting, northing, sample type, metallic minerals present, sampler and a brief description of each sample were noted.

Standards, blanks and duplicates were placed in the sample sequences.

Samples were then placed in rice bags depending on their type and numeric sequence, sealed with plastic “zap straps” and taken to Acme Laboratories.

12.2 Sample Preparation, Analysis and Security

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 issuer.

Upon receipt at Acme Laboratories, rock 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. For high grade samples with elements that were over the maximum detection limits, additional analysis of ICP emission spectrometry with a hot 4-Acid digestion was also performed.

After delivery to the Acme Laboratories, soil and silt samples were dried at 60 degrees Celsius, 100g was sieved to -80 mesh. Analysis consisted of a Hot Aqua Regia digestion on a 15g split with 53 element ICP-Mass Spec analyses. Lower detection limits include 0.01 ppm for Mo, 0.01 ppm for Cu, 2 ppb for Ag and 0.2ppb for Au.

Acme provides comprehensive in-house quality control using numerous blanks, standards and pulp duplicates to test for any potential contamination.

Lions Gate Metals also inserted numerous standards (CDN-FCM-7), blanks (landscaping dolomite for rock samples and limestone-dolomite for soil/silt samples) and duplicate field samples into the sample sequences.

Lions Gate Metal's QA-QC samples passed the company set parameters for grass roots exploration or were given conditional passes due to being within low grade sections. Exceptions are noted below. CND-FCM-7 was the standard that was used for the 2011 HBM program. In the future, a different standard should be used for the aqua regia digestion as the Au is not fully released in this standard and contamination risks are higher when using a standard that has this much higher grade than the collected sample material that is being tested. Different blank material should also be used with the Hot Aqua Regia digestion and ICP-MS analysis; results were consistently high for Ag. Duplicate samples were reasonably near the 20% acceptance window with the exception of Shb1050361 & Shb1050362. Results of the duplicate samples are averaged for the final reported assay results.

12.3 Historical Sample Preparation, Analyses and Security

Most of the historical analytical work was done by reputable laboratories, mostly in Vancouver B.C. The writer has no reason to believe that sample preparation and security were not done in an appropriate manner, following industry best practices applicable at the time.

13 Adjacent Properties

(from MacIntyre, 2010)

Mining leases that cover the Davidson deposit are held by Thompson Creek Metals Company Inc. through their subsidiary Blue Pearl Mining. The claims discussed in this report surround these mining leases (Figure 4).

The Davidson molybdenum/tungsten porphyry deposit is located on the east side of Hudson Bay Mountain. The deposit does not outcrop and occurs 200-800 metres below the surface along the southeast edge of Glacier Gulch. Surface manifestation of the deposit is restricted to a zone of disseminated and fracture controlled pyrite with minor chalcopyrite and molybdenite hosted by hornfelsed Telkwa Formation volcanic rocks. These rocks form a prominent gossan on the north and south slopes surrounding the Kathlyn glacier. According to Kikauka (2004) the relative abundance of coarse grained (type 2) molybdenite mineralization present in the core of this deposit, suggests a significant portion of the molybdenite from the Yorke-Hardy can be used for lubricant grade products (which returns a premium value and is sold as MoS_2 compared to MoO_3).

The Davidson deposit has been extensively explored by underground drilling as described in the history section of this report with drill hole density sufficient to calculated resource grade and tonnage in the measured, indicated and inferred categories. The following resource information is from a recent technical report by Giroux (2005) that is posted on the publicly accessible SEDAR website. Mr. Giroux states that "until an economic evaluation is completed the economic cut-off for this deposit, is unknown."

Table 6. Resource estimates, Davidson Deposit (Giroux, 2005)

Cut-Off (MoS_2%)	Measured		Indicated		Inferred	
	Tonnes	MoS_2 (%)	Tonnes	MoS_2 (%)	Tonnes	MoS_2 (%)
0.170	6,070,000	0.286	102,610,000	0.259	15,170,000	0.234
0.240	3,490,000	0.347	41,120,000	0.348	4,310,000	0.325
0.480	290,000	0.566	4,590,000	0.656	480,000	0.593

The following geological information is taken from Atkinson (1995).

"Mineralized and altered lithologies include:

- Early Cretaceous Skeena Group greywacke, sandstone and mudstone with coal seams

- Lower to Middle Jurassic Hazelton Group mafic to felsic flows, tuff, breccia and lesser mudstone, conglomerate and limestone

- Middle to Late Jurassic granodiorite sill, metabasaltic sills and dykes

- Late Cretaceous to Early Tertiary intrusions that include a rhyolite plug, quartz-feldspar porphyry dykes and the Hudson Bay Mountain stock.

The granodiorite sill intrudes Hazelton Group volcanic rocks exhibiting concordant and discordant contacts. The sill, defined by drilling, over a 1200 m strike length, dips at 20° southeast steepening to 70° at the 16000 E cross-cut and ranges in thickness from 75m to 550 m. Emplacement of the sill may be along an east-dipping premineral thrust fault (Kirkham, 1966)."

The following information is taken from Giroux (2005).

"Atkinson suggests the granodiorite sill could be subdivided into three lithologies based on texture and mineralogy.

- The highest grade mineralization is within the basal and southern portions of the sill, characterized by granitic texture. This granitic portion has the highest mafic content of the sill, estimated between 5 to 10%.

- The central and upper part of the sill is more porphyritic with an aphanitic groundmass and euhedral to ragged plagioclase phenocrysts, euhedral quartz phenocrysts and clots of chlorite, pyrite and magnetite replacing primary mafic minerals. This porphyritic section normally has intrusive contacts with the other parts of the sill.

- The uppermost and northern sections of the sill are light coloured aplitic granodiorite with intergrowths of quartz and feldspar.

Hazelton volcanic blocks up to 3 m across are found within the sill and have been partially digested suggesting interaction with the granodiorite melt. Breccia zones with sub rounded sill fragments contained within a mafic matrix are locally common.

The sill and host Hazelton Group rocks are crosscut by numerous basaltic dykes, sills and erratically shaped bodies.

A rhyolite plug intrudes both the Hazelton Group and the granodiorite sill and is truncated by the Hudson Bay stock. This plug is 450 m by 300 m in size and roughly oval in plan. The composition is calc-alkaline quartz-feldspar porphyry.

The Hudson Bay stock which ranges in composition from quartz monzonite to granodiorite has been intersected in its east flank by four drill holes at depths ranging from 400 to 1000 m.

A sub-radial quartz-feldspar porphyry dyke swarm related to the Hudson Bay stock, has been mapped on surface, underground and intersected in drill holes.

The following descriptions of mineralization and alteration are taken from Atkinson (1995).

"The Yorke-Hardy is a molybdenite-scheelite porphyry deposit 2.5 km across and extending up to 2 km in depth that consists of moderately to steeply dipping stockwork veins ranging from hairline to 5 mm in width. Stockwork veins exhibit a complex history of cross-cutting relationships described by Atkinson as follows:

- early stockwork assemblages include andradite garnet, epidote, chlorite, magnetite and quartz followed by molybdenite occurring as both fine-grained fracture coatings and within veins with quartz and feldspar gangue.
- early assemblages are cut by banded veins of fine-grained quartz + molybdenite ± pyrite ± scheelite and less common banded quartz + magnetite up to 1 m wide.
- the banded veins are in turn cross cut by magnetite + scheelite and quartz + K-feldspar + scheelite veins (which constitute the principal tungsten mineralizing event)
- these veins are themselves cut by pegmatitic quartz + molybdenite ± calcite ± scheelite ± K-feldspar ± pyrite veins up to 10 cm in width.
- the youngest veins contain pyrite ± chalcopyrite and calcite.

The granodiorite sill hosts the high-grade molybdenite zones (Figure 7) and has abundant banded and pegmatitic veins. Its' more massive composition provided a better host for veins than the more bedded and foliated Hazelton Group lithologies. The rhyolite plug contains mineralization, is cross cut by mineralized rhyolite dykes and contains mineralized breccia fragments. The Hudson Bay stock is weakly mineralized and exhibits a sharp decrease in molybdenite grade away from the edges. Finally the quartz-feldspar porphyry dykes are cross-cut in places by pegmatitic quartz-molybdenite veins.

A hornfels aureole, characterized by development of radiating and zoned clots and veins of garnet, epidote, chlorite, biotite, hornblende and amphiboles, extends from surface where it has been mapped over an area 7 km by 4 km. Brown to red andradite garnet intergrown with quartz, chlorite, sericite, magnetite, carbonate and occasionally scheelite and rimmed by epidote becomes increasingly common with depth. In some underground exposures of the sill, 30% of the wall rock is replaced by garnet clots to 10 cm across producing a spotted (appaloosa) texture.

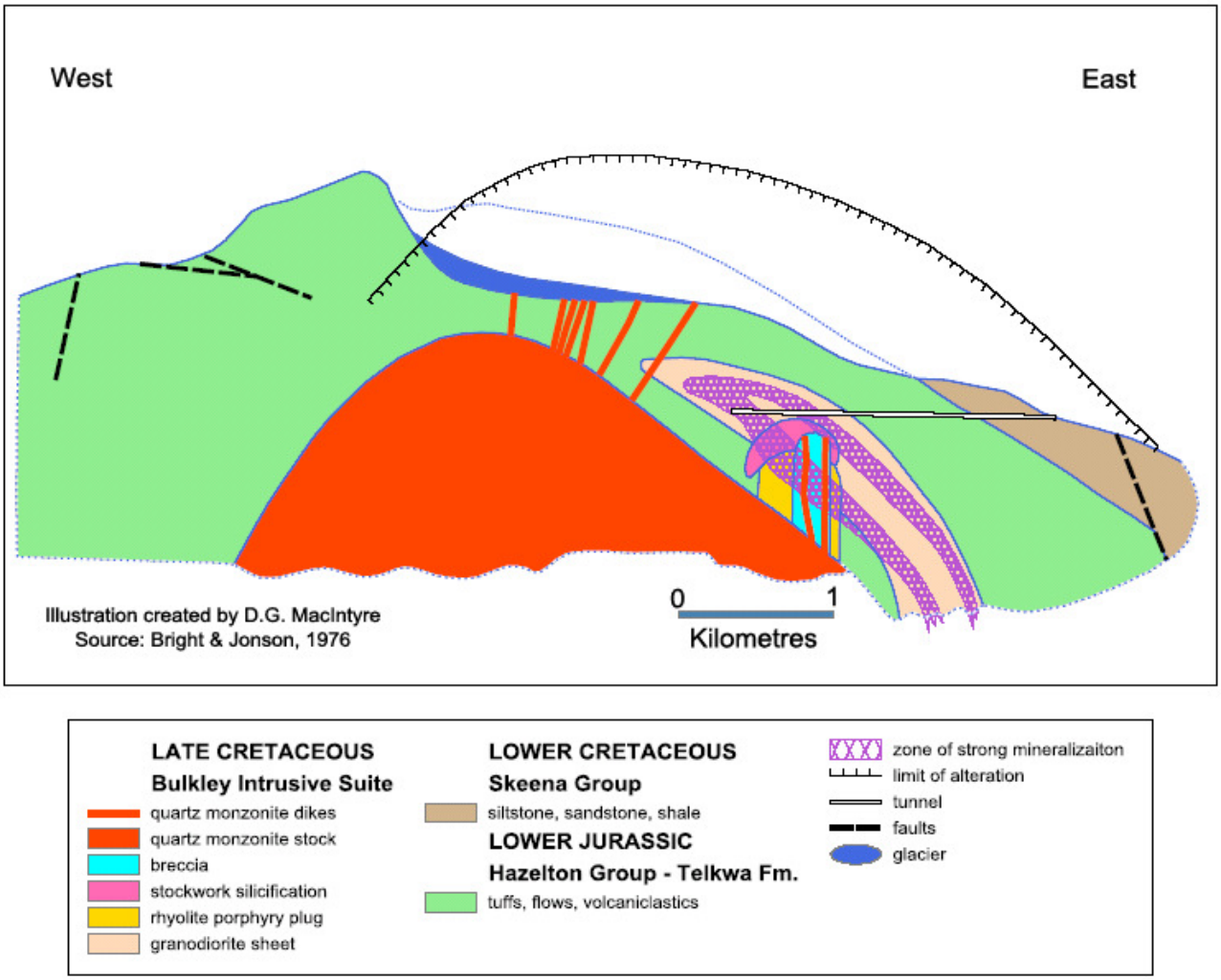

Figure 10. East-West geological cross-section through the Davidson deposit. (from MacIntyre 2010)

Primary igneous textures of the sill have been obliterated by the pervasive loss of mafic minerals and the development of chlorite ± magnetite pre-molybdenite hairline stockworks, clots and veins that may in part be attributed to hydrothermal alteration.

Astride the contact of the rhyolite plug with Hazelton Group volcanic rocks and the granodiorite sill, quartz stockwork veins coalesce to form a high silica zone that mimics the shape of the top of the plug (Figure 7). The high silica zone averages 40 m thick and contains trace fluorite, topaz, magnetite and biotite.

Hydrothermal alteration is fracture controlled. Vein alteration haloes rarely exceed a metre in width. Where veins are numerous, overlapping haloes form zones of pervasive alteration but deposit scale zonation has not been established. Within Hazelton Group rocks, hydrothermal alteration includes Na metasomatism, silicification and destruction of mafic minerals resulting in bleaching of the lithologies. Within the granodiorite sill alteration includes the development of pink potassic alteration which envelops magnetite, quartz,

stockwork molybdenite, and pegmatitic quartz-molybdenite veins. Three pulses of hydrothermal fluids are interpreted from the cross-cutting relationships of the alteration envelope."

14 Interpretation and Conclusions

The 2011 HBM surface program focused on taking rock samples from historic sites of polymetallic Pb-Zn-Ag+-Au veining for the purposes of mapping vein and fracture density, as well as collecting data for testing metal zonation in the veins and mapping sulphide and alteration assemblages. Sampling has confirmed historic results, analyzing these may show the presence of a hidden porphyry system on the mountain in addition to the Davidson Deposit. Rather than focusing further geochemical sampling around these historic sites, results of the wide spaced regional airborne survey that was flown in 2008 by Geoscience BC were used to help target new areas of interest and potential buried porphyry systems. Geological mapping was performed in these areas to check for alteration or any intrusive bodies that may be associated with a porphyry system. Mapping of these areas was inconclusive and no significant molybdenum was intersected on any of the geochemistry grids. However, new areas of copper, silver and gold mineralization were intercepted which require further follow up to test if it is related to a new proximal porphyry system. Extension of these geochemistry grids and detailed geophysics with additional mapping may help to define these new targets. Property wide silt sampling that was performed in 2011 was inconclusive, further silt sampling is required for full coverage of the claims.

In terms of a geological mapping program, it will be important to continue to map the following features in order to define a hidden target;

- Sulphide and alteration mineral assemblages
- Vein and fracture density
- Contact metamorphic effects such as zones of hornfelsing
- Fault displacements related to post mineral block faulting especially near the Davidson deposit
- Trend and composition of dykes and other satellite bodies that might be indicative of a larger intrusive body at depth.
- Metal zoning in veins that might indicate temperature gradients

15 Recommendations

The presence of a large, potentially economic molybdenum deposit on claims adjacent to the Davidson Deposit is possible. There is therefore sufficient justification to continue to conduct an exploration program focused on finding additional molybdenum resources on the Hudson Bay Mountain Property. This exploration program should be done in three phases. Phase one will give an important detailed overview of the claims to help focus future ground work on new priority areas and search for hidden porphyry systems. Phases two and three will be contingent on the results of the phase 1 program. Follow up work on the 2011 field program should consist of extending grids that are anomalous in Ag, Au & Cu and performing ground magnetics and a deep penetrating IP over them as well as performing detailed mapping where possible.

Table 7. Projected exploration expenditures

Phase 1. Airborne Geophysics

Item	Cost
200m line spacing Electromagnetic and Magnetic airborne survey over the entire property.	90lines at an average of 15km/line at a cost of $200/km $270 000.00

Phase 2. Ground Geophysics

Item	number	type	rate	cost
Geologist	30	days	$550.00	$16,500
Assistant	30	days	$250.00	$7,500
Meals	60	days	$70.00	$4,200
Motel	30	days	$100.00	$3,000
Helicopter	10	hours	$1,500.00	$15,000
Lithogeochem	500	samples	$30.00	$15,000
Geophysics	25	line km	$3,000.00	$75,000
Truck	30	days	$150.00	$4,500
Report	10	days	$550.00	$5,500
Miscellaneous				$5,000
				$151,200

Phase 3. Diamond Drilling

Item	number	type	rate	cost
Geologist	60	days	$550.00	$33,000
Assistants (2)	120	person days	$250.00	$30,000
Meals	180	person days	$70.00	$12,600
Motel	60	days	$200.00	$12,000
Diamond Drilling	2000	metres	$120.00	$240,000
Drillers per diem	240	person days	$60.00	$14,400
Site preparation	2	sites	$2,000.00	$4,000
Truck	60	days	$150.00	$9,000
Report	15	days	$550.00	$8,250
Miscellaneous				$5,000
				$368,250

16 References

Alldrick,D. J.(1996): Intrusion-related Au Pyrrhotite Veins, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Hõy, T, Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 57-58.

Atkinson, D. (1995): The Glacier Gulch (Hudson Bay Mountain or Glacier Gulch (Yorke-Hardy)) porphyry molybdenum-tungsten deposit, west-central British Columbia, CIMM Special Volume 46, Porphyry Deposits of the Northwestern Cordillera of North America, pp. 704-707.

Bright, M.J. and Jonson, D.C. (1976) - Glacier Gulch (Glacier Gulch (Yorke-Hardy)), CIMM Special Volume 15, Porphyry Deposits of the Canadian Cordillera, pp. 455-461.

Carter, N.C. (1981): Porphyry Copper and Molybdenum Deposits West-central British Columbia, B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 64, 150 pages

Evenchick, C. A. (1999): Depositional and structural histories of the northern two-thirds of the Bowser Basin/Skeena Fold Belt, northern British Columbia: records of terrane interactions; *in* Terrane Paths 99, Circum-Pacific Terrane Conference, Abstracts and Program. C.A. Evenchick, G.J. Woodsworth, and R. Jongens, editors; Geological Survey of Canada/Geological Association of Canada, pages 30-32.

Giroux, G.H. (2005): A Resource Evaluation of the Yorke-Hardy Molybdenum-Tungsten Deposit; SEDAR Technical Report, January 18, 2005

Kikauka, A. (2004): Geological, geophysical and geochemical report on the HB1-5 claim group, upper gold zone, Hudson Bay Mountain, Smithers B.C. B.C. Ministry of Energy and Mines, Assessment Report 26986.

Kirkham, R.V., (1966): Glacier Gulch, B.C. Minister of Mines Annual Report 1966, pp 86-90.

Lefebure, D.V. and Church, B. N. (1996): Polymetallic Veins Ag-Pb-Zn+/-Au, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Hõy, T, Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1996-13, pages 67-70

Lefebure, D.V. and Church, B.N. (1996a): Volcanic Redbed Cu, in Selected British Columbia Mineral Deposit Profiles, Volume 1 - Metallic Deposits, Lefebure, D.V. and Hõy, T, Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 5-7.

MacIntyre, D.G. (1985): Geology and mineral deposits of the Tahtsa Lake District, west central British Columbia; British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 75.

MacIntyre, D.G. (2005): Geological Report on the Hudson Bay Mountain Property; NI43-101 technical report prepared for Aumega Discoveries Ltd.

MacIntyre, D.G. (2010):Technical Report on the Hudson Bay Mountain Property; report prepared for Lions Gate Metals Inc.

MacIntyre, D.G. and Villeneuve, M.E. (2001): Geochronology and tectonic setting of mid-Cretaceous to Eocene magmatism, Babine porphyry copper district, central British Columbia; Canadian Journal of Earth Sciences, Volume 38, pages 639-655.

MacIntyre, D.G., Desjardins, P. and Tercier P. (1989): Jurassic stratigraphic relationships in the Babine and Telkwa Ranges, BC Ministry of Energy and Mines, Geological Fieldwork, 1988, Paper 1989-1.

MacIntyre, D.G., Villeneuve, M.E., and Schiarizza, P. (2001): Timing and tectonic setting of Stikine Terrane magmatism, Babine-Takla lakes area, central British Columbia. *Canadian Journal of Earth Sciences*, Volume 38, pages 579-601.

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T., 2005: Digital Map of British Columbia: Tile NM9 Mid Coast, B.C. Ministry of Energy and Mines, Geofile 2005-2.

Nelson, J.L. (1996): Polymetallic Mantos Ag-Pb-Zn, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Hõy, T, Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 101-104.

Panteleyev, A. (1995): Subvolcanic Cu-Au-Ag (As-Sb), in Selected British Columbia Mineral Deposit Profiles, Volume 1 - Metallics and Coal, Lefebure, D.V. and Ray, G.E., Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1995-20, pages 79-82.

Sinclair, W.D.. (1995): Porphyry Mo (Low-F-type), in Selected British Columbia Mineral Deposit Profiles, Volume 1 - Metallics and Coal, Lefebure, D.V. and Ray, G.E., Editors, British Columbia Ministry of Energy of Employment and Investment, Open File 1995-20, pages 93-96.

Tipper, H.W. (1976): Smithers B.C. (93L), Geological Survey of Canada, Open File Map 351.

Tipper, H.W. and Richards, T.A. (1976): Jurassic Stratigraphy and History of North-central British Columbia, Geological Survey of Canada, Bulletin 270, 73 pages.

Appendices

Appendix 1. Qualifications of Author

Andrea Joy Ross, B. Sc. Geology
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Smithers BC
350-847-9738

Email andreajross@gmail.com

I, Andrea Ross, of Smithers, British Columbia, do hereby certify that:

1. I am a self-employed geologist.
2. I graduated with a Bachelor of Science Degree in Geology from the University of Saskatchewan in Saskatoon, Saskatchewan in 2007.
3. I have worked as an exploration geologist for 4 years since graduating. My relevant experience includes mapping, prospecting, core logging, production geology and overseeing diamond drill programs.
4. I personally conducted and/or supervised the 2011 prospecting and mapping program on the Hudson Bay Mountain Property.

Dated this 13th day of December 2011, Smithers BC

Appendix 2. Statement of Expenditures

HBM Geochemical, Mapping & Prospecting

Wages and Fees:

Wages Sr Geologist-Manager	2 days @ $550/day	June 17th and July 12th	$1,100
Wages, Project Geologist	23.5 days @ $450/day	June 16th to July 23rd	$10,575
Wages, Jr. Geologist	26 days @ $280/day	August 2nd to August 27th	$7,410
Wages, Sr Sampler	15.5 days @ $350/day	July 24th to August 9th	$5,425
Wages, Sampler 1	15 days @ $225/day	June 27th to July 19th	$3,375
Wages, Sampler 2	4.5 days @ $225/day	June 30th to July 17th	$1,012.5
Wages, Sampler 3	7 days @ $220/day	July 29th to August 4th	$1,540
Wages, Sampler 4	17 days @ $220/day	July 19th to August 7th	$3,740
Wages, Sampler 5	20 days @ $220/day	July 19th to August 7th	$4,440
Wages, Sampler 6	36 days @ $200/day	July 19th to August 27th	$7,200

Other Expenses:

Helicopter: June 16th to August 26th	17.5 Hours at $930/Hour	$16,275
	2094.3L Fuel at $1.40/L	$2,932
Frontier Truck Rentals: 65 days @ $67/day July 19th to August 27th		$4,355
Fuel:		$1,154.98
Accommodations: 66 days @ $82.49/day July 19th to August 27th		$5,444.66
Food: 63 days @ $40/day July 19th to August 27th		$2,520
Field Supplies & Safety Gear:		$970
Rental radios: 244 days @ $1.33/day June 27th to August 27th		$324.52
Satellite Phones: 82 days @ $6.70/day June 27th to August 27th		$549.40
Rock Assaying: 134 samples @ $37.55 /sample:		$ 5,032.02
Soil/Silt Assaying: 804 Samples @ $26.71/sample:		$21,478.85

Planning, Literature Research, Compiling Database		
A.Ross	15 days May 30-June 24 at $450/day	$6,750
L.Farrell 6 days July 23-Aug 23 & 2.75 days Nov 3-10 at $550/day		$4,812
Report Writing & Map Creation		
A.Ross 13.5 days at $450/day	Nov 6 - December 15	$6,075
L.Farrell 7 days at $550/day	Nov 17-18 and December 8-16	$3,850

15% Office Overhead	$18,762.47
Total Expenses	**$144,696.90**

Appendix 3a. Rock Samples and Descriptions

Sample ID	Easting	Northing	Elevation	Type		Showing	Lithology	Modifier	Description	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM
RHB1051501	604646	6078320	1610	grab	vein	copper queen	volc tuff	v. fine grained gry-grn	Qtz-carb +/- py (arsenpyrite-pyrrhotite) diss, locally py forms subhedral 2-3mm crystals. Very rubbly gossaned outcrop, locally total sulphides 10%.	0.8	825.8	574.6	572	39.1
RHB1051502	605165	6078027	1629	grab	float		vesicular int-mafic flow	f grained green	Boulder suspected to be from iron vault, sulphides are finely diss throughout.	5.2	620	300	62800	21.3
RHB1051503	606177	6076938	2052	grab	subcrop	tobaggon glacier	silicious volc	f grained gry-grn	very gossaned float over 3x3m area, blue to rainbow sheen to rock mn oxide, 4-5% total sulphides, finely diss throughout the rock.	<0.1	722	696	2307	13.4
RHB1051504	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	weakly magnetic	5.2	710	72700	65800	652
RHB1051505	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	moderately magnetic	5.3	1010	38500	111500	322
RHB1051506	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	moderately magnetic	0.1	960	129600	170800	1104
RHB1051507	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	very weak magnetism	4.4	380	164000	92900	1123
RHB1051508	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	mod-strong magnetism, sulphides appear to replace fossils in elongate horseshoe forms	4.8	650	89300	98000	864
RHB1051509	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	no magnetism	1.5	800	115200	138400	1009
RHB1051510	605084	6077846	1728	grab	ore pile	upper iron vault	limestone?	massive sulphides	very weak magnetism	12.7	860	87400	76800	820
RHB1051511	605083	6077900	1696	grab	ore pile	lower iron vault		semi to massive	sulphides are fine grained, disseminated, locally sph is subhedral, pyrrhotite forms 'coin' shapes on broken faces, mod to strong magnetism, magnetite +/-arsenopyrite	5.8	750	1300	77000	38.7
RHB1051512	605079	6077908	1697	grab	ore pile	lower iron vault		semi to massive	moderate magnetism, sphalerite is coarser here forms 2-3mm, subhedral crystals, pyrrhotite also appears slightly coarser	0.2	1250	300	114300	21
RHB1051513	605085	6077909	1697	grab	ore pile	lower iron vault			sulphides are diss and make up 50-70% of the rock, pyrrhotite and pyrite appear to be closely associated, sphalerite and pyrrhotite appear locally and weakly banded? Locally sulphides are massive	5.2	800	1600	142400	37.4
RHB1051514	605087	6077908	1697	grab	ore pile	lower iron vault			mod-strong magnetism, >60-70% total sulphides, massive disseminated, sphalerite, pyrrhotite/pyrite appears to be banded	3.6	840	300	147200	27.5
RHB1051515	605086	6077906	1697	grab	ore pile	lower iron vault			moderate magnetism, >50% total sulphides 1-2mm subhedral crystals	1	1180	300	104100	23
RHB1051516	605099	6077882	1701	grab	outcrop	lower iron vault	shear zone, tuff	vein 304/80N	sample of vein in T1 east side fo the trench, strong iron staining, rock is rotten	3.6	437.4	2566.2	5643	43.2
RHB1051517	605097	6077893	1728	chip	outcrop	lower iron vault	shear zone, calcretion in tuff??	shear zone at ~288	T1 trench,light gry, very porous, calcretion? No acid...chip over 1m sph coatings along shearing.	4.1	168.8	477.1	2683	27.3
RHB1051518	605128	6077855	1709	chip	outcrop	lower iron vault	shear zone	mod-strong iron oxide	TE trench, 046/20E vein subparallel to shear zone, trend shear trends 280	34.5	2420	84500	24000	685
RHB1051519	605129	6077855	1710	chip	outcrop	lower iron vault	shear zone, through f grn tuff?	Fe staining	TE trench, central chip sample within trench	1.5	1090	55400	18400	431
RHB1051520	605128	6077855	1711	chip	outcrop	lower iron vault	shear zone,fine grnd grn tuff?		TE trench, eastern most chip sample within this trench	1.1	790	3900	24500	49.7
RHB1051521	605185	6077893	1660	grab	vein	railway adit	vein within vesicular andesite?	strong iron staining	small vien above the adit entrance, veina appears parallel to a shear to the south, fe staining but no visible sulphides	0.2	400	200	9300	2.9
RHB1051522	605180	6077912	1653	grab	shear	railway adit	small shear, vesicular and?	moderate epidote alt	20cm shear zone along the path to the railway adit, mod epidote alteration proximal to shear, black sphalerite 1-2mm crystals within the shear zone.	1.3	930	13000	173500	86.1
RHB1051523	604661	6078361	1661	grab	outcrop	copper queen	med-dark gry fine grnd volc?	stratabound?	iron stained stratabound weakly mineralized horizon, weakly magnetic, mineralized horizons or veins appear to be along bedding planes within host rock	1.6	154.7	69.3	181	5.2
RHB1051524	604665	6078345	1630	grab	outcrop	copper queen	stratabound min veins	within bedded volc?	composite grab over mineralized horizon, beds are 50-100cm thick with mineralized zones being 2-20cm thick, sulphides appear concentrated in qtz-calcite veins 030/40E	2.4	350.9	95.3	614	4.1
RHB1051525	604651	6078331	1619	grab	vein	copper queen	qtz-calcite vein		o/c to the west of previous samples above iron stained scree slope, weakly magnetic, striking roughly norht and dipping 0-10 to the E.	0.7	749.6	3081.5	376	191
RHB1051526	604649	6078320	1626	grab	outcrop	copper queen	grey fine grained?	stratabound minz?	small stratbound? Mineralized horizon, black oxide looking vein, weak to mod magnetism,	2.1	311.4	5804.8	3081	118
RHB1051527	604707	6078438	1582	grab	outcrop	unknown trench	similar to cu queen rock		7-10m long trench north of copper queen, trench trends 320-330 and is less than 1m deep, sulphides diss throughout the grey host rock.	0.4	59.5	46.2	2311	1.9
RHB1051530	605924	6069542	979	grab	outcrop	King Tut Area	gry-maroon fine grnd volc	moderate magnetism	dark grey-maroon fine grained, hard, andesite? Moderate magnetism, <1% diss py, weak bedding/laminations?	0.5	4.8	20	103	0.4
RHB1051532	606096	6069671	1066	grab	outcrop	King Tut Tr #2N	grn-maroon lapilli tuff?	weak local magnetism	106/38 SW gossaned/mineralized horizon, weak local magnetism because of pyrhottite? 1-3% py +/-pyr diss and in veinlets, argillically alt	0.8	27.6	1103.6	1820	11.3
RHB1051533	606096	6069671	1066	grab	outcrop	King Tut Tr #2N	grn-maroon lapilli tuff?	gossaned on surface	weathered surface is very gossaned with a black dull oxide, fresh rock is bleached grey-white. 1-3% diss py +/- pyr, locally in veinlets	0.4	17.3	561.1	732	7.7
RHB1051534	606096	6069671	1066	grab	outcrop	King Tut Tr #2	grn-maroon lapilli tuff?	gossaned on surface	<1% diss py, trench trends north-south	0.7	9.3	79.2	347	2.6
RHB1051535	606081	6069674	1047	grab	outcrop	King Tut Tr #1	bleached int volcanic	gossaned on fractures	local weak magnetism, 1-3% diss sulphides, trench trends north. Trench #1	1.5	67.8	1222.2	2648	80.2
RHB1051536	606081	6069674	1047	grab	outcrop	King Tut Tr #1	grn-maroon lapilli tuff?	gossaned on fractures	less altered than previous samples, <1% diss py, local small veinlets. Trench #1	0.4	5.9	171.7	966	2.8
RHB1051537	606162	6069692	1057	grab	outcrop	King Tut Tr #3	bleached int volcanic	gossaned on fractures	very bleached alt rock, strong gossan on the fracture surfaces, 1-2% diss py. Trench #3	1.5	320.8	5710.2	1751	234
RHB1051538	606162	6069692	1057	grab	outcrop	King Tut Tr #3	bleached int volcanic		1-2% diss py, sampled at the east side of the trench, very weathered rock. Trench #3	0.7	460	27400	2700	591
RHB1051539	606175	6069700	1059	grab	float	King Tut Tr #4	maroon volcaniclastic	vuggy qtz veins-clots	float sample adjacent to shaft, malachite on some surfaces, maroon volcaniclastic with vuggy veins and clots, cpy is associated with the qtz. Trench #4, king tuts tomb	2.5	16950	18000	275300	7058
RHB1051540	606175	6069700	1059	grab	float	King Tut Tr #4	maroon volcaniclastic		float sample adjacent to shaft, cpy subhedral <1% associated with qtz, locally rock appears autobrecciated. Trench #4	2.4	695.5	1419.1	4477	75.6
RHB1051541	606175	6069700	1059	grab	float	King Tut Tr #4	bleached int volcanic		similar to samples taken from the more western trenches, yellow gossaned appearance, trench #4	2.6	96.9	581.1	1283	21.2
RHB1051542	606182	6069722	1065	grab	outcrop	King Tut Tr #5	gossaned volcanic		grey-white gossaned volcancic, 1% disspy within and proximal to qtz veinlets and clots, strongly fractured, trench #5.	0.6	53.7	190.1	4991	1
RHB1051543	606182	6069722	1065	grab	outcrop	King Tut Tr #5	bleached int volcanic		possible sphalerite in a small vein, bleached volcanic, pink alt? trench #5	1	145.2	42	8827	2.3
RHB1051544	594693	6081237	1678	grab	outcrop	Hankin	porphyritic monzanite	light brown grey	light brn gry porphyritic monzanite, local qtz eyes? Weakly magnetic.	0.9	9.2	13.7	41	0.5
RHB1051545	604723	6074254	1526	grab	Float	Goat Basin	red volc?	epidotized	grab sample of float, cpy occurs in vugs or vesicles, weak to moderate epidotization	0.2	11020	179.6	146	9.3
RHB1051546	604754	6074650	1513	grab	Float	Goat Basin	red tuff?		grab sample of float, cpy occurs in vugs or vesicles, weak to moderate epidotization	0.2	13.6	15.3	43	<0.1
RHB1051547	604788	6074660	1515	grab	Float	Goat Basin			grab sample of float, the hanging valley has considerable red rock within it	0.9	41	3.9	44	<0.1
RHB1051548	605792	6077818	1638	grab	outcrop	Josie	sphalerite vein		rough chip sample across 8 cm sphalerite vein, associated weak shearing	0.1	1190	206.3	360600	7.6
RHB1051549	605790	6077814	1639	chip	outcrop	Josie	gry fine grained volcanic?	sph-qtz vein	chip sample over 15cm sphalerite vein 5m to the west of RHB1051548, vein 056/v, qtz occurs at the margins, later veining?	0.2	1650	485.6	333200	35.9
RHB1051550	605814	6077829	1644	grab	outcrop	Josie	gry fine grained volcanic?	sphalerite vein	grey fine grained volcanic, hosting sphalerite vein	2.5	22	35.2	856	0.4
RHB1051551	605778	6077834	1631	grab	outcrop	Josie	gry fine grained volcanic?	sph-pyr vein	hard to get a sample, need a chisel.	1.1	1130	695.7	98100	32

Sample ID	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	Al %	Na %	K %	W PPM	Zr PPM	Ce PPM	Sn PPM	Y PPM	Nb PPM	Ta PPM	Be PPM	Sc PPM	Li PPM	S %	Rb PPM	Hf PPM
RHB1051501	3.9	49.5	180	26.26	>10000	<0.1	3.5	0.2	2	10.5	380.2	103.7	31	<0.01	0.01	1.2	5	0.03	<1	0.058	0.7	0.013	0.31	1.8	0.6	3	0.9	0.8	0.3	<0.1	<1	4	8.6	>10.0	8.4	<0.1
RHB1051502	8.4	14	>10000	40.12	97	1.3	0.5	0.1	3	983.1	18.5	10.6	<1	0.97	0.094	1.7	5	1.33	<1	0.039	0.59	0.005	<0.01	0.9	5.3	4	2.1	6	0.3	<0.1	<1	3	7.5	>10.0	0.4	0.2
RHB1051503	2.7	105.9	437	46.58	58	<0.1	<0.1	<0.1	<1	8.6	4.7	60.1	<1	0.06	<0.001	1.6	2	0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	4	0.1	6.7	<0.1	<0.1	<1	<1	0.1	>10.0	<0.1	<0.1
RHB1051504	14.4	7.1	9647	30.26	4702	1.5	2.1	0.2	4	846	748.9	0.4	16	1.23	0.116	1.2	8	0.46	3	0.034	0.59	0.002	0.08	1.2	6.8	3	2.4	5.9	0.3	<0.1	<1	3	4.9	>10.0	1.8	0.2
RHB1051505	3.6	1.9	>10000	13.53	226	1.8	6.6	<0.1	14	1225.1	308.4	0.4	6	9.75	0.188	14.6	5	3.6	<1	0.021	0.3	<0.001	0.01	0.6	5.2	29	1.7	12.2	0.2	<0.1	<1	2	3.8	>10.0	0.5	0.2
RHB1051506	5.7	4.4	2874	24.75	21	0.4	2	<0.1	1	2336.5	1086.3	0.2	117	0.3	0.032	0.4	6	0.49	<1	0.067	0.76	<0.001	<0.01	1.7	4.2	1	3.3	2.6	0.2	<0.1	<1	4	6.7	>10.0	0.2	0.2
RHB1051507	14.5	7	9357	21.15	2698	1.4	1.5	<0.1	9	1078.9	1066.3	0.2	16	1.73	0.136	3.1	6	0.4	3	0.018	0.52	<0.001	0.04	0.4	4.9	6	4.4	5.9	0.1	<0.1	<1	3	6.2	>10.0	1.1	0.2
RHB1051508	14.5	24.4	>10000	31.22	734	1.1	0.6	0.1	3	1263.7	835.3	0.1	11	1.09	0.119	1.2	6	0.49	<1	0.028	0.49	<0.001	0.02	0.6	4.8	3	2.8	5.3	0.2	<0.1	<1	2	6.1	>10.0	0.5	0.2
RHB1051509	10.8	11.3	5777	21.99	345	1.3	1.2	0.2	4	1900	1054.7	0.1	21	1.45	0.061	1.3	7	0.63	<1	0.028	0.79	0.002	0.03	0.3	9.5	4	3.7	5	0.2	<0.1	<1	3	9.6	>10.0	0.6	0.3
RHB1051510	4.5	14.5	2028	29.5	1998	0.8	5.3	0.1	3	977.5	818.7	<0.1	24	0.15	0.036	0.4	8	0.35	3	0.037	0.74	0.004	0.08	0.7	5.4	2	3	2.7	0.2	<0.1	<1	4	7.1	>10.0	2.1	0.2
RHB1051511	8.8	5.9	>10000	38.66	76	1.4	0.2	0.3	<1	1282.3	25.6	10.5	<1	0.98	0.091	1.5	11	1.6	<1	0.062	0.97	0.01	<0.01	2.1	12.8	4	2.6	6.6	0.5	<0.1	<1	4	10.3	>10.0	0.3	0.5
RHB1051512	4.7	17.6	874	35.47	1	1	0.2	0.2	2	1712.2	5.9	2	65	0.13	0.049	0.5	6	0.41	23	0.114	1.45	0.007	0.24	1.2	10.3	1	2.9	2	0.4	<0.1	<1	11	12.1	>10.0	7.1	0.4
RHB1051513	30.9	16.7	>10000	33.38	157	1.5	<0.1	0.2	6	1806.2	24.7	11.6	12	1.04	0.247	2.4	9	0.38	12	0.03	0.63	0.003	0.12	0.6	8.9	4	1.2	3.6	0.3	<0.1	<1	2	3.9	>10.0	2.8	0.3
RHB1051514	18.9	11.7	1881	34.13	131	2.7	1.2	<0.1	3	2075.1	8.4	2.9	9	0.6	0.246	1.4	7	0.22	<1	0.013	0.32	<0.001	0.01	0.2	4.5	4	0.6	6.8	0.1	<0.1	<1	3	4.1	>10.0	0.3	0.1
RHB1051515	6.6	13.8	1476	38.21	3	0.7	0.3	0.2	<1	1559.2	5.6	6.9	74	0.18	0.057	2.1	8	0.92	<1	0.17	1.67	0.001	0.02	1	8.6	4	0.8	1.7	0.4	<0.1	<1	17	23	>10.0	0.5	0.3
RHB1051516	1	0.5	860	39.53	1340	0.8	0.2	0.2	4	56.1	34.9	4.5	136	0.18	0.174	0.3	11	0.29	8	0.053	0.75	0.003	0.06	0.8	8.3	<1	1.2	1.4	0.2	<0.1	<1	5	7.3	0.4	1.9	0.2
RHB1051517	1.7	0.3	503	15	138	2.8	0.3	0.2	3	16.8	16.2	5.5	56	0.14	0.118	0.6	11	0.36	3	0.072	0.66	0.007	0.05	0.6	17.2	1	0.7	2.8	0.4	<0.1	<1	3	13.7	0.6	1.5	0.4
RHB1051518	8.6	15.3	3004	21.6	>10000	0.2	2	0.1	14	180.6	679.5	0.2	111	0.08	0.02	2	71	0.13	55	0.133	2.76	0.013	0.2	1.8	3.4	4	2.7	3.9	0.2	<0.1	<1	13	43.4	2.8	5.4	0.1
RHB1051519	14	22.9	>10000	9.07	2253	0.6	0.5	0.2	11	154.8	364.1	0.1	181	0.19	0.043	1.3	142	0.32	258	0.35	6.13	0.033	2.46	2.5	10.7	4	5.2	6.7	0.4	<0.1	<1	26	19.9	2.1	72.3	0.4
RHB1051520	24.5	22.9	>10000	7.75	352	0.4	0.1	0.4	13	224.4	56.6	<0.1	207	0.34	0.058	2.8	146	0.34	375	0.43	7.59	0.033	3.09	3	10.2	7	3.7	13.1	0.8	<0.1	<1	37	31.4	0.7	91	0.4
RHB1051521	55.7	51.2	2898	13.1	12	0.6	<0.1	0.3	290	67.4	1.2	<0.1	402	1.42	0.046	2.8	176	2.65	1020	0.466	7.87	2.992	0.79	0.2	18.5	7	0.3	14.3	0.7	<0.1	<1	42	44.6	<0.1	19	0.6
RHB1051522	66.5	55.3	>10000	16.58	805	0.1	0.1	<0.1	5	1525.6	93.4	0.5	258	0.22	0.028	1.8	170	2.59	52	0.268	6.17	0.016	1.09	6	2.7	5	3.7	11.2	0.3	<0.1	<1	29	45.5	4.1	29	0.1
RHB1051523	1.3	4.7	636	6.46	143	0.5	<0.1	0.8	4	0.1	36	14	203	0.05	0.079	4.3	6	0.6	226	0.496	6.85	0.086	3.1	19.1	6.6	9	4.3	6.1	2	0.1	<1	29	17.5	0.8	88.8	0.3
RHB1051524	2	10.6	826	9.5	296	0.4	<0.1	0.8	2	5.9	13.9	8.8	143	0.1	0.065	5.5	7	1.08	20	0.389	6.08	0.059	2.42	11.3	5.6	13	3.6	7.7	1.9	<0.1	<1	22	26.3	2.8	72.7	0.2
RHB1051525	2.2	51.2	256	21.04	>10000	0.2	6.6	0.2	4	7.7	1500.2	1410	47	0.02	0.054	1.4	5	0.19	13	0.162	1.96	0.033	0.94	2.2	1.7	4	1.1	1.4	0.7	<0.1	<1	9	6.5	>10.0	23.9	<0.1
RHB1051526	3.8	14	>10000	12.71	331	0.4	<0.1	1.1	9	23.2	521.6	14.5	351	0.14	0.089	4.9	13	0.9	107	0.62	7.04	0.051	2.92	14	4.6	12	6.2	7.6	1.5	<0.1	1	39	15.7	1.3	96.3	0.3
RHB1051527	3.8	2.6	940	7.05	299	0.6	<0.1	1.3	6	25.4	20.1	5.4	56	0.31	0.133	6.8	10	1.46	351	0.449	7.02	0.104	2.37	4.1	16.5	20	6.2	7.4	3.4	0.2	<1	21	26.4	1.1	66.9	0.8
RHB1051530	0.8	1.4	1120	2.89	43	1	<0.1	2.2	51	0.5	1.5	0.7	7	0.76	0.061	16	7	0.47	133	0.393	6.56	4.635	0.71	0.4	66	34	1.1	32.4	5.1	0.2	<1	15	7.8	<0.1	9.6	2.6
RHB1051532	2.4	4	7381	4.9	77	0.7	<0.1	1.7	6	7.8	11.1	0.3	16	0.21	0.073	11.2	6	0.31	217	0.403	6.42	0.084	2.96	0.7	37.7	25	1.1	16.7	4.1	0.2	<1	16	18.8	1.5	111.7	1.2
RHB1051533	2.6	2.8	4512	4.19	95	0.6	<0.1	1.9	29	5.2	6.7	<0.1	22	0.44	0.066	11.1	9	0.4	253	0.411	6.74	1.672	2.49	0.9	33.9	24	7.6	10.9	4.3	0.3	1	15	9.2	1.5	92.9	1.1
RHB1051534	2.4	3.6	2092	4.27	60	0.8	<0.1	1.9	40	1.1	3.6	0.1	21	0.11	0.074	11.1	10	0.19	240	0.449	7	3.264	1.96	0.5	42.6	25	0.6	13.4	4.7	0.2	<1	16	7.6	<0.1	59.8	1.4
RHB1051535	1.8	2.2	1957	3.11	265	0.6	0.3	1.5	9	11.7	25.4	<0.1	34	0.07	0.056	21.4	8	0.22	355	0.41	6.45	0.078	3.33	1.8	32	45	3.4	8.5	3.9	0.2	<1	14	11.2	0.9	126.9	1
RHB1051536	2.9	5.5	2070	4.23	24	0.7	<0.1	1.7	82	4.2	3.7	0.3	41	0.45	0.094	17.7	11	0.74	569	0.43	7.42	3.972	1.93	0.6	35.6	36	2	21	4.1	0.2	2	18	21.1	0.3	43.6	1.2
RHB1051537	1.5	7	4547	3.52	212	0.6	0.1	1.3	18	6	86.5	0.5	22	0.04	0.069	17.1	5	0.16	369	0.315	5.74	0.077	2.57	1	35	34	1.5	6.8	3.6	0.2	<1	12	16.6	0.4	93.3	1.3
RHB1051538	1.6	4.7	3511	3.07	272	0.6	0.1	1.4	8	16.3	62.6	0.5	18	0.07	0.052	12.5	4	0.18	248	0.3	5.59	0.069	2.67	1.2	38.1	25	2	9.1	3.5	0.2	<1	11	20	1.2	97.7	1.2
RHB1051539	8.9	22	>10000	4.77	51	0.1	3.1	0.2	5	1864.4	1904.1	0.5	31	0.09	0.012	2.5	15	0.27	23	0.104	2.38	0.013	1.09	0.2	7.1	6	0.5	4.8	0.5	<0.1	<1	8	14.6	>10.0	33.3	0.2
RHB1051540	5.1	5.2	3902	2.26	31	0.5	<0.1	1.3	15	29.6	29.5	0.7	29	0.94	0.066	17.5	6	0.57	183	0.382	6.77	0.106	3.34	1.2	33.6	36	0.6	14.1	4.3	0.2	<1	16	17.2	0.5	108	1.2
RHB1051541	0.7	0.5	163	3.11	249	0.4	<0.1	1.5	13	4.3	16.8	0.4	7	0.02	0.03	10.9	4	0.14	298	0.227	5.64	0.09	2.66	2.2	28.2	23	1.6	6.1	3.5	0.2	<1	9	14	0.3	99.9	0.8
RHB1051542	0.7	2.5	5302	3.07	31	0.4	<0.1	1.4	18	26.9	15.6	0.1	5	0.04	0.04	18	2	0.15	322	0.195	6.07	0.072	2.98	1.1	27.3	38	1.1	7.3	2.9	0.2	<1	11	10.9	<0.1	94.9	0.8
RHB1051543	1.4	2.5	>10000	5.72	19	0.3	<0.1	0.9	15	79.4	23.5	0.2	<1	0.03	0.031	10.2	3	0.1	179	0.141	4.39	0.052	1.97	0.6	17.3	19	0.7	7.9	2.1	0.1	<1	9	16.2	0.1	59.7	0.5
RHB1051544	0.4	1.4	267	1.12	10	1.9	<0.1	10.9	173	<0.1	2.8	<0.1	6	0.38	0.027	26.5	4	0.14	876	0.076	6.34	3.486	3.24	1.2	29.6	45	0.7	12.3	11.5	1	2	2	9.2	<0.1	91.9	1.2
RHB1051545	46.1	27.9	2482	7.99	39	0.2	0.4	0.4	288	18.2	6.1	1.9	139	17.65	0.071	3.7	284	1.76	9	0.395	6.7	0.042	0.03	0.3	14	8	0.6	12.9	1.1	<0.1	<1	26	2.1	0.7	0.7	0.6
RHB1051546	4	6.2	1064	4.64	22	0.5	<0.1	1	197	<0.1	4.2	0.2	51	4.29	0.115	8.4	25	0.39	150	0.43	6.7	1.166	0.34	0.5	10.1	18	0.8	29.4	2.1	0.1	<1	23	17.6	<0.1	14.6	0.3
RHB1051547	7.3	8.7	511	4.13	9	0.5	<0.1	1.6	185	0.1	0.4	<0.1	52	2.43	0.047	9.9	96	1.49	454	0.428	6.93	2.247	1.05	0.4	38.7	30	1.2	34.2	3.6	0.2	<1	19	34.1	0.8	41.3	1.6
RHB1051548	<0.1	49.2	2273	18.66	19	<0.1	1.4	<0.1	<1	3109.4	2.5	44.6	2	0.01	<0.001	1.2	<1	<0.01	20	0.006	0.15	0.007	0.05	<0.1	0.6	3	0.2	3.6	0.1	<0.1	<1	<1	0.9	>10.0	0.7	<0.1
RHB1051549	0.6	38.2	1403	21.75	9	<0.1	1.3	<0.1	<1	2591.9	2.3	75.3	2	<0.01	0.002	0.9	13	0.01	11	0.006	0.17	0.008	0.03	0.2	0.7	2	0.1	2.4	0.1	<0.1	<1	<1	0.6	>10.0	0.4	<0.1
RHB1051550	0.6	5.9	2136	7.37	12	1.3	<0.1	1.9	83	10.7	8.5	0.4	88	2.04	0.097	12.7	3	1.1	401	0.535	6.39	1.346	1.22	1.9	39.9	28	1.8	38.1	3.9	0.2	<1	20	41.6	0.2	38.4	1.4
RHB1051551	2.5	59.8	1254	29.62	36	0.2	0.9	0.3	16	955.8	10.7	60.1	29	0.63	0.015	5.5	16	0.24	4	0.131	2.16	0.231	0.84	0.6	3.6	13	1.3	9.8	1	<0.1	<1	8	11	>10.0	29.1	0.1

Sample ID	Easting	Northing	Elevation	Type		Showing	Lithology	Modifier	Description	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM
RHB1051552	605783	6077730	1656	grab	outcrop	Josie	gry fine grained volcanic	fe stained	fe stained face below shear zone, fine grained grey volc, no visible sulphides, no alteration, highly fractured, no magnetism, sphalerite?	1.3	191.7	140.4	916	1.8
RHB1051553	605780	6077828	1614	chip	outcrop	Josie	sph-pyr vein	gry fine grained volc	same location as RHB1051551, used a chisel this time, chip sample across 10-20 cm massive sphalerite pyrhotite vein.	1.2	1440	858.7	132300	30.7
RHB1051554	605780	6077828	1614	grab	float	Josie	very gossaned float		grab sample of float just below historical trench, very gossaned rock with diss sphalerite on surface, 1-2%	0.5	1450	2620.3	96400	90.5
RHB1051555	605780	6077820	1614	grab	outcrop	Josie	fine grained gry volcanic		grab sample of outcrop adjacent to the sphalerite vein, weak py-pyr along fractures	1.4	87.7	26.6	2664	1.1
RHB1051556	605780	6077820	1614	grab	float	Josie	fine grained gry volcanic	weak alteration	grab of float below historical trench, very gossaned rock 1-2% diss sphalerite, with trace pyrhotite +/- pyrite	0.6	1710	42.6	102300	11.7
RHB1051557	605628	6077897	1529	grab	outcrop	SW of Josie	bleached int volcanic	very gossaned	grab sample of very gossaned low lying, fractured o/c, below and west of the Josie showing, clotty qtz veins occur with slightly coarser py-pyr +/- cpy?? Hosted by light gry-white bleached int possibly felsic volc?	0.7	85.1	8.1	1631	1.5
RHB1051558	605628	6077897	1529	grab	outcrop	SW of Josie	bleached int volc (felsic?)	vuggy qtz vein	grab sample of weakly to mod mineralized rhyolitic volc with vuggy open qtz veins, 1-2% sphalerite, 1-2% py>pyr +/- cpy?? Sulphides are finely diss throughout the rock and slightly more coarse within qtz veins	0.4	640	296.7	53200	7.7
RHB1051559	605654	6077918	1532	grab	outcrop	SW of Josie	bleached int volc (felsic?)	very gossaned	gossaned low lying o/c in seasonal creek, very similar to RHB1051558, light grey-white bleached int volc? Rhyolite? Finely diss py +/- pyr throughout the rock, preferential to fractures local sphalerite??	0.4	113	42.5	8369	1.3
RHB1051562	605422	6078043	1523	grab	float	Unknown	bleached int volcanic	weathered qtz veins	grab sample of float below gossaned outcrop, sphalerite +/- py preferentially along fractures, weathered wtx veins are very porous, come carbonate?	1.2	150	13600	9200	91.2
RHB1051564	605418	6078041	1522	grab	float	unknown	gry fine grnd volc (argillite?)		grab of float below gossaned o/c, med grey fine grained volcanic possibly argillite? Very fine grained py <1% preferentially on fracture faces.	1.5	45.6	238.6	573	0.7
RHB1051565	605339	6078070	1545	grab	float	Unknown	very weathered	very gossaned	grab sample from a large gossaned boulder just below gossaned coutcrop, 5-10% semimassive sphalerite-pyrhotite +/- pyrite, very fractured, very weathered rock, difficult to determine host rock.	1.3	790	19100	25100	85.2
RHB1051566	605312	6078057	1569	grab	vein	unknown	gry fine grnd volc	sphalerite vein	very gossaned grey fine grained volc? Sphalerite vein is 5-15cm wide trends 100 and dips steeply to the south	3.1	480	9132.9	179200	54.5
RHB1051567	605312	6078057	1569	grab	vein	unknown	gry fine grnd volc	sphalerite vein	grab sample of sphalerite splay off of main vein sample in RHB1051566, splay is about 4cm wide hosted by grey fine graine volcanic	0.7	400	143100	322200	498
RHB1051568	604079	6081848	1757	grab	outcrop	Elliot Pk N Ridge	felsic volc	weakly bleached	py finely diss throughout, preferential on fractures	5.5	23.7	25.4	231	0.3
RHB1051569	604079	6081848	1757	grab	outcrop	Elliot Pk N Ridge	felsic volc	weakly bleached	py finely diss throughout, preferential on fractures	21.4	79.2	1317	2934	5.3
RHB1051570	604037	6082021	1759	grab	outcrop	Elliot Pk N Ridge	felsic volc		py finely diss throughout, preferential on fractures	0.5	186.9	12.3	117	0.4
RHB1051571	605443	6076824	2058	grab	trench pile	Plateau	felsic volc?	strong mn oxide	diss and 2-5mm blebs of sulphides, associated qtz vns	0.5	1830	2300	26400	49.5
RHB1051572	605462	6076845	2059	grab	trench pile	Plateau	felsic volc?	strong mn oxide	diss through rock, locally sph forms 2-4mm blebs, associated qtz	2.6	2380	1900	20200	59.1
RHB1051573	605449	6077014	2029	grab	trench pile	Plateau	int volcanic?	stong mn oxide	very gossaned, malachite up to 1%, weakly diss py <1%, local weak magnetism.	0.5	4400	1100	17800	63.2
RHB1051574	605422	6077001	2024	grab	trench pile	Plateau	int volcanic	strong mn staining	light to med grey easily scratched int volc, <1% diss py, abundant fe carbonate fossiliferous limestone.	3.1	2593.6	8398.3	2389	113.9
RHB1051575	605409	6077028	2020	grab	trench pile	Plateau	vuggy qtz-carb vein	limestone??	Vuggy qtz-carb vein, fe staining, epithermal vein, abundant fe carbonate limestone in the area.	3.4	9180	11900	10300	229
RHB1051576	605417	6077056	2019	grab	trench pile	Plateau	felsic-int volcanic	Fe staining	Light grey felsic-int volcanic, tuff?galena is found in small blebs, py-cpy are disseminated throughout the rock. Strong fe staining, some carb veins.	7.1	1760	59000	1100	603
RHB1051577	605420	6077099	2013	grab	trench pile	Plateau	int volcanic	malachite and fe oxide	small pile of core, mostly grn-maroon tuffs with lesser limestone, grab of float adjacent trenching. Diss py-cpy throughout the rock, total 1%. Trench trends 170.	1.2	4634.4	158.7	1408	729
RHB1051578	605369	6077138	1988	grab	trench pile	Plateau	felsic-int volcanic	gossaned on surface	grey felsic-int volcanic with diss py-cpy and galena found in 2-4mm blebs within subhedral crystals, grab of float adjacent historical trench. Trench trends 132.	2.5	2720	50000	80200	150.5
RHB1051579	605303	6077036	2002	grab	trench pile	Plateau	int volc, tuff?	qtz-fe carbonate vein	strong mn staining, weak fe staining, qtz-carb vuggy vein with locally abundant subhedral galena crystals, hosted by a gry-grn int volcanic? Tuff? Grab from pile adjacent to historical trenching.	2.8	2010	111000	16500	391
RHB1051580	605303	6077037	2001	grab	trench pile	Plateau	Fe carbonate veins	strong mn staining	strong mn staining, fe carbonate veins, rotten rock. Diss and blebby galena-pyrite within and proximal to the vein, weak malachite coatings. Trench trends SE @138.	0.3	2050	17500	7900	58.6
RHB1051581	605178	6077300	1929	grab	outcrop	Silver Lake?	Eagle Peak Fm	brick red, mod bedded	sulphides are hosted in a small shear zone, bn is fresh and fleshy colored, oxidizes quickly, sulph are with secondary qtz/carb.Shear zone 162/60W. Bedding 326/V, small addit under shear zone is buried by snow.	2.7	79680	500	300	358
RHB1051582	605177	6077297	1927	grab	outcrop	Silver Lake?	Eagle Peak Fm	brick red, mod bedded	possible red bed cu, grab sample of vein hosted by shear zone, 162./60 w, qtz -carbonate vein +/- bn-cpy	0.7	32080	145.1	200	156.2
RHB1051583	602556	6080072	1770	grab	outcrop	Passby Crk	strong Fe carb alt	strong iron-mn staining	fe carbonate, 1cm fe carb vein, highly weathere, weak to moderate manganese, coatings and dendritic oxide.	9.9	310.1	85.8	71	1.7
RHB1051584	602509	6080042	1750	grab	outcrop	Passby Crk	felsic volcanic?	strong iron-mn staining	light pink, very hard highly fractured, locally fld porphyritic?	1.2	45180	107.6	200	203
RHB1051585	607932	6077509	1426	grab	outcrop	Pocket Glacier	sed, argillite		black, very fine grained, weak magnetism, very gossaned fe and mn	1.6	59.1	12.6	52	0.5
RHB1051586	607931	6077507	1429	grab	float	Pocket Glacier	int intrusive	foliated?	light grey intrusive? Pyrhottite appears to forms phenos? Elongate with chlorite alteration around them	0.9	115.8	4.9	57	0.2
RHB1051587	607931	6077510	1426	grab	outcrop	Pocket Glacier	sed, argillite		black, very fine grained, weak mag, 1-2mm veinlets of pyr, very gossaned	1.7	39.4	16.6	80	0.3
RHB1051588	607875	6077512	1429	grab	outcrop	Pocket Glacier	sed, argillite		black very fine grained, 1-3mm veinlets of pyr, strong fe and mn oxide	1	17.5	9.4	29	<0.1
RHB1051589	607877	6077512	1429	grab	float	Pocket Glacier	granite-granodiorite	flds porphyritic	light grey flds porphyry, pyrhottite and py diss throughout associated with biotite, weak to mod magnetism	2.2	99.2	5.4	34	<0.1
RHB1051592	603740	6072353	983	grab	outcrop	Silvern Creek	volc?		dark grey gossaned, sulphides along fractures, o/c in Silvern Creek	0.7	42.7	16.1	66	0.2
RHB1051593	603851	6071928	942	grab	outcrop	Silvern Creek	volc?		light grey rusty, sulphides on fractures	0.4	65.6	34.1	101	0.3
RHB1051601	603256	6084754	1120	grab	subcrop		Sed, ss, lithic		grey (salt&pepper fresh) tan brown weathered	1	10.9	5	102	<0.1
RHB1051602	603270	6084712	1140	comp grab	subcrop?		lg; aph vlc?/xl tuff?		greenish grey (fresh), maroon (weathered),±5.5m; rel soft (H<5), ep+chl?; minor suh qtz xl frags; vf.g. (ash?) eqgr gdmass; vnlet, <1mm across; rare vf.g. diss met sul; few rust red patches; minor Mn staining	0.3	39.5	4.7	93	<0.1
RHB1051603	603191	6084443	1208	comp grab	outcrop		Sed: Siltstone/Argillite		±8.5m; xcut by mod abnt vnlet of vf.g.-f.g. chalky white to vitreous clear semi hard (H:<5) min (no fizz, anhydrite?/gypsum?)	0.2	13.6	14.2	77	0.1
RHB1051604	603168	6084465	1192	grab	float		lg; aph vlc?/tuff?		cobble from base of tree; mod abnt pods of unknown oxidized min	0.4	85.2	18.3	202	<0.1
RHB1051605	603127	6084577	1187	grab	outcrop		Sed; Siltstone		vf.g.-f.g.; mod abnt elongate burrows; v abnt xcutting anhydrite?/gypsum? Vnlets	1.2	17.8	9.4	82	<0.1
RHB1051606	603142	6085149	1008	comp grab	outcrop		Sed; Siltstone	fossiliferous	±7.8m; minor pelecypod fossils; abnt xcutting anhydrite?/gypsum? Vnlets (<2mm across)	2.4	14.7	9.8	106	<0.1
RHB1051607	603151	6085109	1037	comp grab	outcrop		Sed; Siltstone	fossiliferous	±5.9m; v.f.g.-f.g.; minor pelecypod fossils; rare vf.g. diss met sul	0.5	18.2	8.8	92	<0.1
RHB1051608	603025	6084987	1062	comp grab	outcrop		Sed; ss (lithic arenite?)		±6.7m; locld portions have graphite stringers and coal pieces ± rainbow irridescence (lim?) ± trace vf.g. diss py	2.4	7.6	6.8	23	<0.1
RHB1051610	603290	6084261	1269	comp grab	outcrop		lg?: vlc?		±5.0m; v wthd, litho indiscernable; vf.g.-f.g. gdmass; mod abnt diss vf.g.-f.g. unknown min oxidized to rusty red color	0.6	36.4	9.9	176	<0.1
RHB1051611	603437	6083994	1363	comp grab	outcrop		lg; Tuff		±3.4m; vf.g. (ash?) eqgr gdmass; ~5% f.g.-m.g. qtz xl frags; minor secondary cal+ep (=PR alt?)	0.4	4.4	9.7	64	<0.1
RHB1051612	603389	6084193	1303	comp grab	outcrop		lg; vlc?/tuff?	pph?/fragmental?	±4.2m; m.g. suh serpentinized mafics (~5%) + m.g. anh fsp +/or qtz (xl frags?, <5%) in vf.g. eqgr gdmass	0.4	36.5	6.2	87	<0.1
RHB1051613	603237	6084291	1278	comp grab	subcrop		lg; vlc?/tuff?		± 5.9m; minor xl frags; locld secondary qtz + chl/epidote (=PR alt?); trace vf.g. diss met sul	1	7.3	5.6	204	<0.1

Sample ID	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	Al %	Na %	K %	W PPM	Zr PPM	Ce PPM	Sn PPM	Y PPM	Nb PPM	Ta PPM	Be PPM	Sc PPM	Li PPM	S %	Rb PPM	Hf PPM
RHB1051552	0.2	3	2316	5.41	3	0.7	0.5	1.8	37	12.2	7.8	3	71	1.3	0.143	18.4	2	0.84	729	0.604	7.64	0.467	3.86	4.6	32.7	40	8.1	35.7	5.5	0.2	2	25	30.4	0.5	130.8	0.9
RHB1051553	2.4	69.5	1333	31.09	47	0.1	0.4	0.4	6	1324.3	7.7	61.4	13	0.14	0.008	2.7	14	0.15	2	0.065	1.47	0.077	0.76	0.5	5.3	7	0.8	5.9	0.8	<0.1	<1	4	9.1	>10.0	19.7	0.2
RHB1051554	1.7	57.6	1456	25.3	59	0.3	3.8	0.7	18	927.4	12.8	176.9	21	0.54	0.02	3.8	4	0.32	9	0.136	2.92	0.2	1.4	0.8	6.9	10	1.7	14.6	1.9	0.1	<1	7	27.3	>10.0	34.6	0.2
RHB1051555	1	3.7	899	4.83	50	0.7	<0.1	1.9	42	22.8	9.6	1.5	29	0.83	0.045	10.6	27	0.6	216	0.241	6.37	0.471	3.26	1.3	28.9	24	3.2	31.2	4.4	0.3	1	13	22.8	1	100.1	0.9
RHB1051556	1.4	60.1	1318	24.53	12	0.3	<0.1	0.4	20	1011.3	6.3	7.4	23	0.32	0.016	1.5	3	0.3	6	0.148	3.24	0.232	2.3	0.6	6	6	0.9	10.1	1.8	0.1	<1	7	24.2	9.4	47.5	0.2
RHB1051557	0.4	0.7	105	1.96	16	1.1	<0.1	3.1	3	17.4	5.1	1.3	4	0.03	0.011	17.5	22	0.12	760	0.134	6.01	0.042	3.2	1.8	68.8	37	2.9	18.7	4.7	0.3	<1	9	10.6	0.5	77.3	1.9
RHB1051558	0.8	8.7	547	4.14	3	0.6	<0.1	1.5	3	488	8.9	6.9	3	0.04	0.007	2.7	6	0.24	24	0.081	4.46	0.026	2.08	1.2	34.3	7	2	11.6	2.7	0.1	<1	5	9.4	3.7	53.8	1
RHB1051559	0.5	3.5	336	3.91	8	0.5	<0.1	2	4	95	11.6	1.5	5	0.14	0.047	27.1	14	0.31	488	0.268	7.08	0.029	3.65	6.1	33	58	1.9	26.3	5.9	0.2	<1	16	12.6	1.3	93.8	1
RHB1051562	2.5	3.7	3296	7.54	107	1	<0.1	2	39	96.8	147.4	2.6	15	1.41	0.058	9.6	12	0.83	200	0.285	5.33	0.126	1.71	4.2	38.8	21	4.8	23.9	4.4	0.2	<1	15	20.1	0.9	56.7	1.1
RHB1051564	0.7	4.5	1964	5.06	58	1.5	<0.1	3.6	157	8.9	32	<0.1	8	0.78	0.082	20.5	2	0.3	400	0.41	7.24	3.568	2.72	0.9	46.9	45	2.1	41.1	6.7	0.4	2	21	8.3	0.8	49	1.2
RHB1051565	27.9	33.1	3232	24.83	245	0.4	<0.1	0.9	4	209.2	105.4	2.9	65	0.16	0.043	7.3	81	0.53	7	0.184	4.51	0.018	0.94	2.6	8.8	19	3.7	15.3	1.6	0.1	<1	16	62.3	>10.0	24.5	0.3
RHB1051566	2.2	19.4	1485	10.03	4480	0.4	0.4	1.1	4	1659.5	87.5	1.6	16	0.08	0.032	6.3	17	0.2	24	0.113	2.99	0.019	0.99	2.8	14.3	14	1.4	10.6	1.5	0.1	<1	8	17.7	6.9	24.7	0.4
RHB1051567	1.5	8.9	2262	15.59	204	<0.1	0.1	<0.1	<1	3081.3	534.5	4.2	<1	0.01	0.004	1.7	19	0.07	14	0.015	0.36	0.003	0.08	0.1	1	4	4.7	2	0.1	<0.1	<1	1	2.1	>10.0	1.7	<0.1
RHB1051568	0.7	7.2	435	3.32	34	0.6	<0.1	1.1	97	2.6	2.8	0.6	196	0.7	0.117	2.2	<1	1.3	243	0.782	9.3	5.309	0.36	0.4	57.7	7	1.5	14.9	4.4	0.3	<1	41	22	0.7	2.9	1.8
RHB1051569	0.6	9.8	207	5.29	48	0.6	<0.1	1.3	73	25.1	6.6	1.8	212	0.44	0.061	5.1	17	0.82	41	0.698	6.01	3.295	0.99	0.3	28.9	14	1.8	15.5	3.3	0.2	<1	23	12.6	3.5	17	1.1
RHB1051570	0.8	6.2	844	4.75	7	1.1	<0.1	2.4	37	0.4	0.8	0.1	41	0.47	0.122	5.1	3	0.96	729	0.454	6.39	2.613	2.96	0.7	78.9	13	0.9	19	4.7	0.3	<1	17	16.2	0.6	47.3	2.5
RHB1051571	33.3	50.9	5285	12.33	>10000	0.1	23.9	0.2	9	198	43.9	41.3	246	0.1	0.049	2.5	154	1.35	52	0.28	6.95	0.03	2.02	4.6	7.3	5	3.3	7.8	0.4	<0.1	<1	35	24.6	3.5	57	0.1
RHB1051572	41.8	88.7	2029	12.38	>10000	<0.1	10.5	<0.1	6	154.6	83.1	17.3	116	0.05	0.02	0.9	62	0.57	26	0.116	3.6	0.023	1.1	3.9	4	2	2.8	3.8	0.2	<0.1	<1	17	13.2	6.7	29.8	0.1
RHB1051573	23	8.6	>10000	8.38	72	1.3	0.3	0.4	8	142.7	29.3	1.5	230	0.04	0.021	3.8	161	0.69	401	0.359	7.12	0.027	3.09	1.7	26	7	0.9	3.3	1	<0.1	<1	32	24.4	<0.1	95.6	0.8
RHB1051574	10.4	13.5	6590	3.63	83	2.1	0.2	0.5	7	6.3	65.1	2.1	101	0.13	0.096	3.9	17	0.21	238	0.285	4.86	0.033	1.78	0.9	31.4	7	1	6.7	1.3	<0.1	<1	14	21	0.2	44.4	0.9
RHB1051575	7.4	5	2281	5.51	131	1.1	0.5	0.5	6	62.5	57.7	1.2	57	0.03	0.02	4.6	50	0.19	80	0.129	2.11	0.014	0.47	0.3	25.3	8	1.2	4.8	0.8	<0.1	<1	10	30.6	1.3	13.2	0.7
RHB1051576	7.5	7.9	326	2.6	198	1.6	5.3	0.7	10	6.8	321.4	6.7	80	0.03	0.035	10	95	0.09	237	0.24	3.8	0.025	1.71	0.4	32.2	18	1.1	5.3	1.3	<0.1	<1	9	14.5	1.1	42.9	1
RHB1051577	6.6	7.5	728	1.25	15	1	<0.1	0.5	12	12.7	728.5	0.3	36	0.3	0.122	2.8	35	0.15	146	0.129	2.94	0.024	1.27	0.3	24.1	5	1	6.9	0.9	<0.1	<1	6	19.7	0.3	32.7	0.7
RHB1051578	25.4	37.8	>10000	9.49	7	0.3	5	0.3	9	740.3	123	0.1	105	0.17	0.041	1.6	137	1.36	57	0.14	3.44	0.009	0.11	0.1	15.3	3	1.2	4	0.5	<0.1	<1	15	32.3	3.8	2.9	0.4
RHB1051579	7.5	19.6	>10000	10.22	38	2.2	1	0.4	8	149.1	310.4	0.7	34	0.07	0.057	2.4	9	0.52	110	0.127	2.3	0.008	0.54	0.7	20.6	5	0.6	8.9	0.7	<0.1	<1	8	11.8	1.7	15.1	0.7
RHB1051580	3.7	6	>10000	5.53	13	0.5	0.1	1.3	8	69.8	62.3	<0.1	35	0.09	0.019	9.8	5	0.45	272	0.226	5.53	0.037	1.9	1.1	53.3	24	1.1	17.5	2.9	0.2	<1	13	12.9	0.5	69.3	1.9
RHB1051581	38.9	21	>10000	9.55	117	0.1	<0.1	0.1	241	31.6	690.3	<0.1	79	14.66	0.026	6.8	67	1.91	229	0.091	1.91	0.018	0.35	0.7	3.4	13	0.7	13	0.3	<0.1	<1	20	9.6	1.9	9.9	0.3
RHB1051582	22.9	15.4	>10000	4.4	25	1	<0.1	2.1	95	3	29.2	<0.1	36	4.26	0.019	7.3	31	1.4	577	0.081	4.83	1.866	1.19	0.2	72.2	16	0.9	13.1	2.2	0.1	<1	11	12.8	0.8	25.6	2
RHB1051583	0.1	0.9	1453	3	36	1.5	<0.1	3.5	66	0.3	3.5	<0.1	<1	2.44	0.011	22.2	1	0.67	597	0.091	5.87	3.677	1.6	<0.1	129.8	41	1.3	26.6	5.3	0.3	<1	10	24.4	0.6	28.1	3.8
RHB1051584	24.5	15.1	>10000	4.82	22	0.7	<0.1	1.6	106	3.7	41.4	<0.1	28	4.86	0.021	6.8	32	1.48	477	0.095	4.71	1.514	1.14	0.3	58.1	15	0.9	13.3	2	0.1	<1	12	13.2	1	24.2	1.7
RHB1051585	6.5	4.5	301	2.74	2	1	<0.005	3.4	257	<0.1	1.4	0.2	175	1.3	0.032	14.3	42	0.55	368	0.622	9.42	1.371	1.31	0.7	38.3	32	1	7.7	6.3	0.4	<1	23	45.4	0.4	39.3	1.1
RHB1051586	0.8	4.3	1318	3.96	5	1.2	0.015	2.9	78	0.1	1.1	8.4	10	2.72	0.059	15.9	35	0.5	249	0.371	6.52	2.369	1.11	1.8	48.7	33	2.4	41.7	4.5	0.2	<1	13	19.7	0.3	85.5	1.5
RHB1051587	17.8	11.1	310	4.51	1	0.7	<0.005	2.1	201	0.3	1.4	0.2	177	0.75	0.031	11.9	43	0.85	410	0.491	9.69	1.07	1.54	0.7	32.5	27	1.4	7.1	3.4	0.2	1	24	62.8	1.8	43.8	0.9
RHB1051588	4.8	3.5	326	2.15	1	0.9	<0.005	2.7	228	<0.1	0.8	0.1	168	1.01	0.028	14.7	36	0.61	470	0.673	11.29	1.292	1.66	0.9	43.2	34	1.1	7.8	4.9	0.2	1	24	53.6	0.4	42.5	1.3
RHB1051589	6.9	6.2	290	2.25	2	4.2	<0.005	9.2	242	0.1	0.5	0.3	40	1.36	0.054	24.5	19	0.57	1060	0.203	7.07	2.81	3.12	5.2	72.3	42	3.2	11.9	13.4	1	1	5	15.8	0.5	156.2	2
RHB1051592	12.3	9.8	500	20.68	3	0.5	0.018	1.2	70	<0.1	0.4	<0.1	116	0.32	0.139	7.9	38	0.98	25	0.294	4.74	0.208	0.37	0.3	15.9	17	0.6	9.8	2.5	<0.1	<1	14	46.1	8.2	12.8	0.5
RHB1051593	24.4	26.9	1080	22.07	6	0.6	0.023	1.2	20	<0.1	8.5	0.5	109	0.26	0.147	10.9	34	1.19	31	0.205	4.42	0.025	0.05	0.2	31.5	20	0.5	11.9	2	0.1	<1	16	81.9	7.8	3	0.7
RHB1051601	6.6	8.5	735	4.11	3	1.3	<0.005	2.7	336	0.2	0.3	0.1	72	2.05	0.257	21.9	10	1.03	846	0.403	9.27	2.978	2.12	2.7	108.4	40	1.1	35.8	5	0.3	1	16	31.3	<0.1	53.8	3.1
RHB1051602	33.3	38.3	1444	7.05	16	0.2	<0.005	0.3	206	0.3	2.8	<0.1	238	2.57	0.064	2.9	88	2.14	111	0.436	7.36	4.68	0.03	0.1	23.4	7	0.4	13.9	0.8	<0.1	<1	33	14.9	<0.1	1.1	0.7
RHB1051603	2.6	7.7	633	2.99	7	2.1	<0.005	3.6	138	0.2	0.7	0.2	40	3.19	0.04	9.3	5	0.79	1029	0.358	9.53	1.026	2.31	0.4	285.7	28	2.9	32.4	8.6	0.5	1	17	22	<0.1	36.6	8.1
RHB1051604	6.2	11.2	1079	1.29	10	0.5	<0.005	1.2	47	0.9	39.4	<0.1	20	0.94	0.017	8.3	3	0.22	177	0.188	5.04	0.224	0.17	0.3	57.7	20	0.9	21.1	2.1	<0.1	<1	12	155.7	<0.1	5.1	1.7
RHB1051605	7.2	9	911	4.98	13	1.8	<0.005	2.6	253	0.1	1	0.1	88	2.02	0.074	9.2	22	1.33	1003	0.566	9.65	2.259	2.34	0.4	118.3	21	1.3	20.9	4.7	0.3	1	22	33.8	<0.1	46.1	3.4
RHB1051606	7.3	12.8	999	5.34	8	1.5	<0.005	3.2	1386	0.1	0.7	0.2	82	1.97	0.098	17.7	13	0.95	1134	0.515	9.76	1.606	2.08	0.7	145.8	33	1.5	36.2	5.2	0.3	2	23	39.8	0.3	57.6	4.5
RHB1051607	7.6	12.3	831	4.66	11	1.2	<0.005	2.6	379	0.1	1	0.2	86	1.54	0.058	13.2	16	0.68	744	0.539	8.54	1.827	2.48	0.6	124.1	27	1.3	26.6	5	0.3	1	21	30.7	0.6	71.2	3.7
RHB1051608	2.3	3	283	3.09	13	0.9	<0.005	2.2	299	<0.1	0.9	<0.1	50	1.47	0.05	11.2	15	0.4	629	0.374	7.68	3.332	1.53	0.5	78.1	21	0.9	13.2	3.7	0.2	1	15	16.5	0.5	39.7	2.3
RHB1051610	89.6	48.3	1426	7.48	5	0.3	<0.005	0.6	310	0.3	0.3	<0.1	315	5.41	0.068	5.6	187	4.22	975	0.63	8.38	1.995	0.94	0.1	49	12	0.6	22.1	1.5	<0.1	<1	39	27.3	<0.1	19.5	1.4
RHB1051611	4.4	12.3	557	4.64	19	1.1	<0.005	1.9	85	<0.1	0.9	<0.1	81	0.66	0.053	12.6	7	1.1	1472	0.349	6.97	3.494	2.21	0.3	69.9	25	1.3	30.6	3.9	0.2	<1	19	20.7	<0.1	36.8	2.4
RHB1051612	89.6	43.5	1247	6.85	6	0.2	<0.005	0.4	517	<0.1	0.4	<0.1	262	5.55	0.057	4.3	190	4.61	1810	0.479	7.62	1.779	1.09	<0.1	39.5	9	0.4	18.3	1.1	<0.1	<1	34	38.9	<0.1	19.8	1.1
RHB1051613	2.1	6.9	769	4.06	8	2.1	<0.005	4.4	54	<0.1	0.3	<0.1	51	0.68	0.075	17.1	4	1.07	1253	0.347	7.43	3.328	2.9	0.5	176.5	38	1	47.4	7.4	0.4	<1	19	12.7	<0.1	49.1	5.4

Sample ID	Easting	Northing	Elevation	Type		Showing	Lithology	Modifier	Description	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM
RHB1051614	603163	6084311	1272	comp grab	outcrop		lg; vlc?/tuff?	pph?/fragmental?	±5.7m; minor (<5%) m.g.-c.g. fsp xl frags; minor m.g. anh-suh serpentinized mafics; mod abnt secondary qtz-ep-cal-serp (=PR alt?); mod abnt xcutting serp-qtz-ep vnlets (≤2mm wide); trace diss v.f.g met sul	0.5	8.7	9.9	127	<0.1
RHB1051615	601962	6084118	1362	comp grab	outcrop		lg; vlc?/tuff?	pph?/amygdaloidal?	±3.9m; vf.g. gdmass; <5% anh m.g. mafics, locally weak to mod serpentinized; 5-7% cal ± zeolite? filled amygdules; trace f.g. py+f.g. cpy; v rare f.g.-m.g. emerald green min (malachite?)	0.3	162.1	4	227	0.1
RHB1051616	602240	6084476	1193	comp grab	subcrop		lg; vlc?/tuff?		±6.8m; vf.g. eqgr gdmass; minor (<5%) f.g. suh qtz or fsp xl frags/phenos; trace diss v.f.g met sul	0.2	6.8	1.6	70	<0.1
RHB1051617	599416	6084344	952	comp grab	subcrop		lg; intermediate vlc	porphyritic	±5.8m; minor m.g. anh fsp phenos; ~5% m.g. anh mafics; v.f.g gdmass; pitted surface, some with rusty brown infill (=wthd mafics?); minor secondary cal	0.5	71.9	885.2	299	0.3
RHB1051618	599331	6084303	977	comp grab	boulder		lg; granite	pegmatitic	±v.v. c.g. qtz and kfs; minor plag	0.2	3.7	23.9	8	<0.1
RHB1051619	599367	6084201	998	comp grab	subcrop		lg; intermediate vlc	porphyritic?	±6.8m; vf.g. eqgr gdmass; ~5% oxidized rusty red round pods (=wthd mafics?, m.g.)	<0.1	0.8	5.3	5	<0.1
RHB1051621	602622	6084852	1090	grab	outcrop		Sed; siltstone?/vf.grnd. ss?		±7.5m; abnt xcutting chalky white soft (H<4) vnlet (anhydrite?, no fizz); alt makes litho difficult to discern; minor diss v.f.g sul	1.6	16.6	6.9	71	<0.1
RHB1051622	602591	6084725	1109	comp grab	outcrop		Sed; v.f.g ss/siltstone		±few xcutting sulfate? vnlets	4.8	9.4	7.5	25	<0.1
RHB1051623	602601	6084595	1126	comp grab	outcrop		lg; basalt	amygdaloidal	±vf.g. eqgr gdmass; m.g. weakly chloritized/serp mafics (<5%); ~8% cal filled amygdules (0.5cm avg diameters); minor secondary qtz; few weak sulfate? Vns with vvf.g. blk opaque min	0.2	95.8	6.7	76	<0.1
RHB1051624	599407	6083963	1061	comp grab	outcrop		Sed; limestone	fossiliferous	f.g. to m.g.; mod xtlline; appears mass; ~15-20% disarticulated fossils; mod xcutting cal vns	0.1	13.4	0.8	8	<0.1
RHB1051625	602536	6084484	1200	comp grab	outcrop		lg; intermediate vlc	porphyritic	±5.5m; v.f.g. gdmass; ~6-8% anh-suh plag phenos; ~ 5% m.g.-c.g. green black spheroids (mafics?, glass?); mod to locally perv oxidation+bleached portions (argillic?)	0.5	48.5	6.7	35	0.2
RHB1051626	602545	6084480	1199	comp grab	outcrop		lg; basalt	amygdaloidal	v.f.g eqgr gdmass; ~5% m.g. anh mafic phenos (px?); ~10-15% qtz+/or cal filled amygdules (0.5cm diameter avgs); mod secondary serp+cal; xcutting vf.g. qtz±chl±ep? Vn	0.5	41.2	14	144	0.1
RHB1051627	602583	6084514	1196	comp grab	talus		lg; basalt	amygdaloidal	±comp grab from base of large OC; thick (3-6cm wide) c.g. to m.g. cal- m.g. light brown carbonate vns; minor slickensides present	0.6	327.2	9.4	203	1.1
RHB1051628	609804	6079952	766	comp grab	outcrop		Sed; siltstone with cong bed	weak to mod bedded	±8.3m; mod abnt vns of v.f.g. cpy (trace-1%)-f.g. to m.g. suh to euh py (5-8%)-m.g. to c.g. clear cal occur in subrnd cobbles located in one siltstone bed	0.2	223.4	9.5	116	0.3
RHB1051629	609944	6079965	752	comp grab	outcrop		Sed; siltstone/mudstone	interbedded	±10.1m; one bed with subrnd cobbles with pitted/uneven surfaces + mod abnt m.g. to c.g. white cal vns with trace-1% po + v abnt discontinuous vf.g. to f.g. py (2-7%)±v.f.g cpy (trace-1%)-v.f.g bn?	0.9	105.1	8	75	0.2
RHB1051630	603515	6073175	1069	comp grab	boulder		lg; intermediate vlc		±7.7m; aph; vf.g. semi-glassy eqgr gdmass; v rare f.g. suh plag phenos; ~5% secondary ep in sporadic pods (vf.g.-f.g.); few thin (≤1mm) ep veinlets with trace v.f.g locld met silver min (Po?)	0.5	8.4	2.8	39	<0.1
RHB1051631	609391	6080050	923	comp grab	outcrop		lg; int to mafic vlc		±8.7m; aph; vf.g. eqgr gdmass; abnt secondary vf.g. to f.g. chl-f.g. to m.g. ep; mod abnt xcutting f.g. to m.g. ep vns; trace locld bn-malachite-cp-py (order of inc abundance)	0.8	956.6	3.4	55	0.5
RHB1051632	609454	6080106	901	comp grab	outcrop		lg; intermediate vlc	med blue grey/grn grey	±6.9m; aph; f.g. eqgr gdmass; minor vf.g.-f.g. ep vnlet; sample location of sharp undulatory ctc bw underlying blue grey/green aph vlc and underlying aph maroon vlc; sample from overlying litho	0.3	5.7	2.5	83	<0.1
RHB1051633	609105	6080063	1020	comp grab	outcrop		lg; intermediate vlc	med blue grey	±6.9m; aph; vf.g. to f.g. eqgr chloritized gdmass; abnt f.g. ep±cal vns	0.3	7.5	5	86	<0.1
RHB1051634	604765	6074246	1712	grab	float		lg; intermediate vlc		±9.1m; aph; f.g. eqgr gdmass; abnt f.g. mal-f.g. azurite vns (granular habit); abnt vf.g. to f.g. dull brn granular min locally copper bronze color (Cu?); small 1mm v soft (H~1) met silver bleb (Ag?)	0.4	1179.4	14.5	87	19.6
RHB1051635	604721	6074297	1709	comp grab	outcrop		lg; intermediate vlc		±8.4m; aph; f.g. eqgr gdmass; abnt pods of rusty orange gossan; minor blebs of vf.g. to f.g. secondary ep	0.3	53.9	5.8	34	0.3
RHB1051636	604745	6074242	1696	comp grab	float		lg; intermediate vlc		±6.9m; 2-4% f.g. anh-euh mal in vnlet and diss blebs ±f.g. azu (trace) ±f.g. chrysocolla (trace-1%) ±f.g. cp; 0.5cm wide c.g. cal vn; minor-mod gossan pods	0.6	3349.5	22	235	42.9
RHB1051637	604810	6074277	1719	comp grab	outcrop		lg; intermediate vlc		±5.2m; aph; f.g. eqgr gdmass; trace-1% granular copper bronze tarnished blebs and pods (alt?, Cu?)	0.9	1437.3	15.3	95	19.4
RHB1051638	604780	6074235	1730	comp grab	oc/talus		lg; intermediate vlc		±7.2m; 5-7% f.g. mal/azu/chrysocolla? In vnlet and diss blebs; trace-1% f.g. py (locld); trace-1% f.g. bn (locld)	0.7	6074.4	89.2	403	167.7
RHB1051639	604818	6074156	1740	comp grab	outcrop		lg; intermediate vlc		±6.9m; v abnt gossan; 3-6% f.g. mal/chrysocolla? In diss blebs and vnlet	6.3	9330	305.3	727	31.1

Sample ID	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	Al %	Na %	K %	W PPM	Zr PPM	Ce PPM	Sn PPM	Y PPM	Nb PPM	Ta PPM	Be PPM	Sc PPM	Li PPM	S %	Rb PPM	Hf PPM
RHB1051614	14.2	23.7	1199	4.84	5	0.5	<0.005	1.2	283	0.2	0.9	<0.1	234	4.31	0.061	7	54	2.19	2167	0.473	7.4	2.366	1.81	0.2	79.9	15	0.8	25	3.2	0.2	<1	24	24.2	<0.1	20.9	2.5
RHB1051615	0.8	11.8	1695	4.3	8	1.1	<0.005	2.6	45	<0.1	0.4	<0.1	18	2.12	0.086	10.4	1	1.79	571	0.51	7.03	3.685	2.59	0.4	135.4	23	1.5	56.6	5.6	0.3	1	18	26.7	<0.1	40.5	4.2
RHB1051616	2	9.1	1007	4.35	4	1	<0.005	2.4	50	<0.1	<0.1	<0.1	53	1.73	0.081	11.7	5	0.59	518	0.436	6.39	3.308	1.56	0.3	95.5	27	0.3	31.7	4	0.2	<1	19	19	<0.1	30.8	2.8
RHB1051617	123.5	46.4	2822	6.75	10	0.2	<0.005	0.4	177	1.6	0.2	<0.1	281	4.94	0.062	4.8	266	4.54	1910	0.568	7.55	2.801	0.56	0.2	36.1	10	0.4	19.6	1	<0.1	<1	37	58.5	<0.1	8	1.1
RHB1051618	1.6	0.6	76	0.47	1	20.4	<0.005	2.9	63	<0.1	<0.1	<0.1	7	0.4	0.005	0.9	5	0.04	123	0.028	4.14	2.096	2.64	0.2	2.1	2	0.3	2.3	6.8	0.8	1	1	9.4	<0.1	98.2	<0.1
RHB1051619	<0.1	0.6	37	0.05	4	1.5	<0.005	<0.1	4222	<0.1	<0.1	<0.1	2	37.39	0.004	0.5	<1	1.54	14	0.006	0.13	0.011	<0.01	<0.1	0.6	<1	<0.1	0.4	0.2	<0.1	<1	<1	0.9	<0.1	0.6	<0.1
RHB1051621	3.7	8.3	665	3.91	19	0.8	<0.005	1.3	179	0.2	1.6	<0.1	93	2.17	0.093	7.3	11	0.81	95	0.497	8.91	3.683	0.41	0.7	103.1	17	0.9	18.6	3.2	0.2	<1	21	26.7	<0.1	6.1	2.9
RHB1051622	1.6	2.4	394	5.04	16	1.1	<0.005	2.5	174	<0.1	1	<0.1	65	2.12	0.057	5.7	13	0.37	463	0.4	8.05	2.557	1.03	0.6	92.7	12	0.9	12.2	4.1	0.3	<1	12	14.1	0.7	27	2.6
RHB1051623	163.5	49.9	1863	7.12	6	0.4	<0.005	0.2	298	<0.1	0.2	<0.1	232	5.27	0.046	3.4	191	4.08	1046	0.444	8.37	2.211	0.66	0.3	33	7	0.4	18.6	0.6	<0.1	<1	33	48.7	<0.1	8.4	1
RHB1051624	<0.1	0.5	1181	0.28	<1	2.7	<0.005	<0.1	190	0.3	<0.1	<0.1	14	39.01	0.022	0.8	<1	0.1	15	0.017	0.3	0.013	0.06	<0.1	3	<1	<0.1	2.3	0.2	<0.1	<1	<1	1.7	<0.1	1.3	<0.1
RHB1051625	21.3	16.5	432	5.31	10	0.6	<0.005	1.1	115	<0.1	0.4	<0.1	206	4.44	0.05	3.5	66	1.79	710	0.416	7.55	0.53	0.83	0.2	57.7	7	0.6	10	2	0.1	<1	28	33.7	0.2	24	1.7
RHB1051626	79.2	35.8	1163	6.65	7	0.2	<0.005	0.3	66	0.2	0.1	<0.1	239	10.48	0.055	3.9	161	2.32	208	0.425	7.03	1.582	0.42	0.2	28.6	8	0.3	14.5	0.8	<0.1	<1	30	26.6	<0.1	15.5	0.8
RHB1051627	49.8	32.1	2703	4.75	<1	0.1	0.006	0.1	305	1.4	0.1	<0.1	143	17.35	0.021	2.7	72	3.78	5561	0.21	3.63	0.096	0.1	<0.1	11.4	6	0.1	13.1	0.4	<0.1	<1	18	27	0.2	4.2	0.3
RHB1051628	18.8	46.4	1716	22.19	3	0.4	<0.005	1.2	75	<0.1	4.5	<0.1	96	3.04	0.095	10.9	30	1.43	32	0.181	3.93	0.096	0.07	0.2	23	24	0.4	16.9	2.2	0.1	<1	12	74.6	9	3.7	0.8
RHB1051629	3.6	5.4	2027	8.41	64	0.4	<0.005	0.4	593	0.2	0.4	<0.1	47	22.47	0.313	7.1	8	1.46	131	0.088	1.59	0.009	0.01	0.1	27.8	14	0.1	19.7	0.7	<0.1	<1	7	39.3	3	0.9	0.6
RHB1051630	1.1	1.4	497	2.19	3	1.5	<0.005	3.5	59	<0.1	1.3	<0.1	5	0.8	0.013	8.6	11	0.19	674	0.166	5.89	3.366	1.66	0.3	109	20	1.3	35.3	6.8	0.3	1	11	18.5	<0.1	51.7	2.9
RHB1051631	12.5	81.7	1734	8.47	29	1.1	0.028	1.9	876	<0.1	2.7	0.4	415	9.27	0.146	18	19	1.47	174	0.905	8.4	0.423	0.78	0.6	62.2	31	3.4	37	3.8	0.2	<1	37	15.5	0.2	13.2	1.9
RHB1051632	34.9	28.8	1559	6.54	11	0.3	<0.005	0.5	473	<0.1	1.8	<0.1	265	5.06	0.087	2.2	55	3.15	616	0.509	8.68	2.996	1.09	0.4	21.7	5	0.5	13.7	2.5	0.1	<1	28	21.3	<0.1	16.1	0.8
RHB1051633	7.5	21.3	2040	6.11	18	0.4	<0.005	0.8	528	<0.1	3.6	0.3	226	5.73	0.1	10.6	35	1.52	666	0.494	8.66	2.891	1.41	0.6	14	25	0.9	28.2	4.2	0.2	<1	31	18.2	<0.1	14.7	0.7
RHB1051634	1	5.2	600	1.29	8	0.9	<0.005	2.2	38	0.6	1.7	<0.1	25	0.19	0.071	6.1	24	0.17	2251	0.32	6.06	1.516	4.04	0.8	57.3	24	1.4	33.8	4.1	0.2	<1	10	9.9	<0.1	66.3	1.7
RHB1051635	0.8	3.5	1214	4	4	0.5	<0.005	2.2	37	0.2	3.1	<0.1	8	0.9	0.07	14.3	30	0.09	1140	0.437	5.35	2.181	2.86	0.6	14.2	30	3.9	36.9	4.6	0.2	<1	13	8.3	<0.1	49.7	0.5
RHB1051636	1.2	3.1	921	1.95	18	0.8	0.009	1.9	49	1.2	4.7	0.1	25	0.79	0.069	12.4	32	0.21	2577	0.324	6.12	1.637	3.54	0.7	55.1	32	1.8	42.6	4.2	0.1	<1	11	12.3	<0.1	61.2	1.5
RHB1051637	0.8	1.4	470	2.62	13	1	<0.005	2.6	42	0.3	2.9	<0.1	21	0.3	0.062	12.7	19	0.1	3206	0.332	7.05	1.741	2.91	1.1	64.7	33	1.6	40.7	6.1	0.3	<1	10	5.2	<0.1	51.9	1.9
RHB1051638	1.7	4.5	856	3.21	36	0.8	0.032	2.2	47	1.9	25.1	0.2	33	0.24	0.052	9.6	32	0.27	2958	0.253	6.67	1.726	3.27	0.8	71.1	24	1.6	37.8	5.3	0.2	<1	11	12.3	0.2	61	1.9
RHB1051639	1.5	5.7	1994	3.71	372	1.2	0.026	2.8	7	5.7	136.6	0.5	20	0.04	0.019	12	6	0.19	263	0.122	4.64	0.03	1.97	1.6	48.2	24	3.3	17.1	5.8	0.2	<1	5	64.9	<0.1	70.9	1.1

Appendix 3b. Soil Samples and Descriptions

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1050001	603450	6071909	922	B	10	flat	Gry/brn	0	NA	Mixed	1	Jul-11	AR/BA	Line 9	1.2	21.12	10.4	101.7	182	11	7.5	610	2.6	15.4	0.3	1.5
SHB1050002	603447	6071959	914	B	25	flat	Dk Brn	2.5	Subang	Mixed	5	Jul-11	AR/BA	Line 9	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050003	603449	6071998	932	B	10	flat	Brn/red	10	Ang	Mixed	5	Jul-11	AR/BA	Line 9	0.94	25.03	10.44	83.7	211	9.9	7.2	771	2.84	11.3	0.3	1.3
SHB1050004	603446	6072053	937	B	20	gentle	Brn/red	7	Subang	Mixed	2	Jul-11	AR/BA	Line 9	0.8	9.09	10.16	101.2	95	7.7	7	477	3	15.5	0.2	1
SHB1050005	603460	6072100	951	B	15	flat	L Brn	2	Subrnd	Conif	1	Jul-11	AR/BA	Line 9	0.74	8.45	8.76	85.3	126	7.3	5.6	279	2.78	9.4	0.2	0.3
SHB1050006	603455	6072147	937	B	10	mod	Brn/red	4	Subrnd	Conif	2	Jul-11	AR/BA	Line 9, sampled at base of tree	0.84	11.87	9.83	66.8	113	7.7	5.9	275	3.05	13.3	0.2	1.2
SHB1050007	603553	6071895	903	B	15	flat	light brn	>5	subang-subrnd	Conif	>5	21-Jul-11	BA/AG		0.64	26.48	8.39	95.9	222	13.5	7.1	355	3	9.8	0.3	0.8
SHB1050008	603551	6071948	915	B	10	gentle	light brn	5	sunang	Conif	5	21-Jul-11	BA/AG		1.07	13.99	9.64	81.4	87	12.5	9.3	328	3.39	12.1	0.2	1.2
SHB1050009	603556	6071998	912	B	15	gentle	light brn	>5	subrnd-subang	Conif	>5	21-Jul-11	BA/AG		0.73	10.25	4.38	116.5	76	11.7	8	250	3.47	8	0.1	0.3
SHB1050010	603549	6072053	924	B	20	flat	light brn	>5	subrnd	Conif	5	21-Jul-11	BA/AG		1.26	20.14	10.58	92.9	239	12.3	10.7	675	2.66	12.9	0.2	3.6
SHB1050011	603556	6072089	924	B	10	flat	light brn	3	subrnd	Conif	3	21-Jul-11	BA/AG		1.02	15.89	11.3	125.2	166	18.5	10.7	325	3.93	17.8	0.2	1.3
SHB1050012	603549	6072141	930	B	20	flat	greyish brn	5	subang	Conif	3	21-Jul-11	BA/AG		0.86	12.58	6.73	79.1	67	10.4	6.1	307	3.1	11.8	0.2	1.6
SHB1050013	603550	6072199	938	B	10	flat	greyish brn	7	subang	Conif	0	21-Jul-11	BA/AG		0.98	7.31	5.13	50.7	117	3.1	2.9	130	1.84	10.6	<0.1	0.7
SHB1050014	603554	6072255	977	B	10	flat	light brn	5	subang	Mixed	5	21-Jul-11	BA/AG	right before slope leading to creek	0.93	10.98	8.99	145.5	396	6.5	5.7	224	3.23	15.1	<0.1	0.5
SHB1050015	603550	6072292	959	B	20	flat	light brn	3	subrnd	Conif	3	21-Jul-11	BA/AG	up the hill from a creek	0.83	19.77	8.46	83.5	107	11.9	7.7	368	2.93	11	0.2	0.9
SHB1050016	603548	6072341	953	B	20	flat	Brn	0	-	Conif	3	21-Jul-11	BA/AG	next to creek, hit water, wet sample	1.74	26.61	11.35	110.6	273	11.2	10.1	759	3.42	23.9	0.2	1.1
SHB1050017	603550	6072401	960	B	20	gentle	greyish brn	0	-	Mixed	5	21-Jul-11	BA/AG		1.01	18.68	9.2	94	176	10.4	9.8	682	3.05	17.5	0.2	1.5
SHB1050019	603661	6072406	971	B	15	0	grey-brn	5	subang	Mixed	10	21-Jul-11	AG/BA		0.66	14.43	13.76	60.8	86	8.9	17.4	685	3	9	0.2	1
SHB1050020	603655	6072346	968	B	30	0.5	Gry/brn	0	NA	Mixed	3	21-Jul-11	AG/BA	±9m	0.75	10.17	5.35	69.6	36	6.7	4.6	184	3.03	8.1	0.1	0.7
SHB1050021	603650	6072313	963	B	25	0	red brn	20	subang	Mixed	>5	21-Jul-11	AG/BA	±9m	1.26	11.47	14.25	128.7	218	4.6	5.6	288	3.39	13.2	<0.1	0.7
SHB1050023	603650	6072246	964	B	25	0	red brn	25	subang	Conif	5	21-Jul-11	AG/BA	±5m	1.41	8.44	15.79	119.1	125	3.4	3.7	204	3.54	13.3	<0.1	3.9
SHB1050024	603652	6072187	959	B	30	0	grey	30	Subang	Conif	0	21-Jul-11	AG/BA	±9m, water table	1.46	34.56	14.39	127.6	338	13.4	11	1100	2.79	13.8	0.4	2.2
SHB1050025	603649	6072145	956	B	30	0	grey	5	subang	Mixed	5	21-Jul-11	AG/BA	±5m, water table	2.03	22.03	11.3	108.8	283	9.3	8.4	471	2.48	19.3	0.2	4.4
SHB1050026	603653	6072105	953	B	15	0	light brn	15	Subang	Conif	0	21-Jul-11	AG/BA	±5m	1.82	12.04	7.87	97.8	73	8.4	5.8	272	2.92	17	0.2	1.4
SHB1050027	603650	6072037	946	B	10	0	rusty brn	15	subang	Conif	0	21-Jul-11	AG/BA	Average of SHB1050028 & SHB1050027	0.8	9.66	6.28	84.75	59.5	9.7	5.6	208.5	3.14	10.6	0.2	1.1
SHB1050029	603649	6071996	941	B	10	0	rusty brn	5	Subang	Conif	3	21-Jul-11	AG/BA	±7m	0.93	10.41	9.75	126.7	89	10.1	6.5	269	3.4	16.5	0.2	0.8
SHB1050030	603648	6071949	932	B	15	5-10	rusty brn	15	subrnd-subang	Conif	0	21-Jul-11	AG/BA	±6m	0.79	5.4	4.89	64	56	5.5	4.9	170	2.72	8.6	0.1	2.8
SHB1050031	603649	6071895	924	B	15	0-5	red brn	5	subrnd	Conif	10	21-Jul-11	AG/BA	±8, rusty red lenses	0.5	11.08	6.28	57.6	114	3.9	6.6	415	1.65	5.1	0.1	<0.2
SHB1050033	603755	6071900	928	B	15	0	light brn	35	subang-subrnd	Conif	5	21-Jul-11	BA/AG		2.12	10.05	7.65	136.7	116	5.4	4.3	233	2.34	13.8	0.1	0.5
SHB1050034	603747	6071953	939	B	15	5-10	light rusty brn	7	subrnd-subang	Conif	5	21-Jul-11	BA/AG		0.99	16.74	9.89	89.9	335	11	7.9	278	3.66	12.5	0.2	3
SHB1050035	603748	6072000	948	B	15	0	light brn	15	subang-subrnd	Conif	5	21-Jul-11	BA/AG		1.21	9.6	7.08	180.3	76	9.1	6.9	403	2.76	17.1	0.1	2.2
SHB1050036	603749	6072049	956	B	15	0	light grey	20	subang-subrnd	Conif	5	21-Jul-11	BA/AG		2.55	14.9	9.25	107.9	82	9.9	8.4	426	2.79	16.7	0.3	<0.2
SHB1050037	603749	6072098	963	B	15	0	light brn	5	subrnd	Mixed	10	21-Jul-11	BA/AG		3.13	15.25	10.06	139.9	130	10	11.4	860	2.67	35	0.3	3.3
SHB1050038	603751	6072151	965	B	20	0	brn-choc brn	5	subrnd	Mixed	10	21-Jul-11	BA/AG		2.73	14.59	10.91	83.5	208	6.2	8.6	735	2.22	20	0.2	<0.2
SHB1050039	603752	6072189	965	B	10	0	light brn	20	subrnd-subang	Mixed	5	21-Jul-11	BA/AG	close to pond,rusty lenses	2.38	15.94	12.96	122.9	283	6.4	8.9	595	2.8	23.8	0.2	0.6
SHB1050040	603747	6072251	968	B	10	0	light brn	5	subang-subrnd	Mixed	5	21-Jul-11	BA/AG		0.7	11.13	9.07	152.7	72	7.6	7.3	386	2.59	13	0.1	2.7
SHB1050042	603752	6072300	968	B	25	0	rusty brn	30	subang-subrnd	Conif	5	21-Jul-11	BA/AG		1.05	9.12	13.19	81.4	221	2.9	2.8	190	3	14.3	0.1	0.6
SHB1050043	603744	6072346	978	B	25	steep	light brn	30	subang-subrnd	Conif	5	21-Jul-11	BA/AG	steep slope,then creek	1.83	20.47	12.85	114.3	268	11	7.6	266	3.61	24.5	0.1	0.4
SHB1050044	603753	6072399	991	B	25	5	grey brn	15	subrnd-subang	Conif	5	21-Jul-11	BA/AG		0.75	11.13	5.36	46.1	99	5.3	3.1	118	2.09	6	0.1	<0.2
SHB1050045	603859	6071905	935	B	20	0	light brn	5	subrnd-subang	Conif	5	22-Jul-11	BA/AG		0.81	15.76	11.59	99.9	108	12	8.5	449	2.91	15.3	0.2	0.5
SHB1050046	603851	6071949	946	B	23	0-5	light brn	15	subrnd-subang	Conif	5	22-Jul-11	BA/AG	Average of SHB1050046 & SHB1050047	0.55	11.23	10.915	106.5	151.5	14.7	11.35	434	2.99	11.45	0.2	1.3
SHB1050048	603850	6072002	954	B	10	5	med brn	3	subrnd	Mixed	5	22-Jul-11	BA/AG		0.97	38.66	14.68	131.1	344	26	17.9	986	3.41	18.3	0.3	0.7
SHB1050049	603851	6072048	967	B	10	5	rusty red	<5	subrnd	Mixed	5	22-Jul-11	BA/AG		0.92	9.92	8.17	100.9	118	6.3	6.2	239	3.27	10.6	0.2	1.2
SHB1050050	603851	6072110	974	B	20	0	light brn	10	subrnd-subang	Conif	5	22-Jul-11	BA/AG	moved north because of marsh	5.93	15.3	12.8	122.7	91	8.6	12.9	948	3.08	25.4	0.3	2.1
SHB1050051	604163	6072151	989	B	10	gentle	light brn	5	subrnd	Mixed	1	22-Jul-11	AC/AR	off line due to creek,clay rich	0.62	4.41	7.59	51.3	62	5.3	3	147	1.94	6.8	0.1	19.8
SHB1050054	604155	6072100	986	B	20	gentle	grey brn	5	subrnd	Mixed	4	22-Jul-11	AC/AR		0.9	5.84	8.13	38.4	172	2.3	1.6	121	1.71	13.3	0.1	8.7
SHB1050055	604155	6072045	989	B	20	gentle	light brn	5	subang	Mixed	3	22-Jul-11	AC/AR		0.97	6.62	13.09	87.9	178	6.6	4.6	203	2.9	11.9	0.1	17.3
SHB1050056	604156	6071997	975	B	17	gentle	grey/light brn	5	subang	mixed	5	22-Jul-11	AC/AR		0.27	2.53	6.43	44.2	92	1.6	1.9	115	1.3	2.3	0.1	4.3
SHB1050057	604155	6071945	968	B	17	gentle	light brn	10	subang	Mixed	5	22-Jul-11	AC/AR		1	9.48	16.51	105.8	150	8	6.5	261	3.06	13	0.1	1.4

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1050001	0.4	30.8	0.38	0.48	0.2	39	0.35	0.032	6.9	13.9	0.34	79.4	0.01	<1	1.28	0.011	0.07	<0.1	3.5	0.06	<0.02	23	0.1	0.02	4.1	0.89	<0.1	<0.02	0.48	7.6	0.3	<0.05	0.3	6.26	13.6	0.04	<1	0.3	13	<10	<2
SHB1050002	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050003	0.4	49	0.43	0.35	0.2	40	0.6	0.047	7	12.5	0.24	113.1	0.004	<1	1.23	0.012	0.07	<0.1	3.3	0.05	0.03	30	0.3	<0.02	4.1	0.77	<0.1	0.03	0.56	8.9	0.4	<0.05	0.4	7.39	13.8	0.04	<1	0.4	12.7	<10	<2
SHB1050004	0.5	10.2	0.17	0.55	0.19	48	0.12	0.032	5.2	11.7	0.26	62.3	0.012	<1	1.31	0.008	0.04	<0.1	2.5	0.05	<0.02	24	0.1	0.02	4.8	1.04	<0.1	<0.02	0.54	6.6	0.4	<0.05	0.5	2.14	10.6	0.04	<1	0.2	12.8	<10	<2
SHB1050005	0.5	12.8	0.1	0.44	0.11	46	0.13	0.055	6	12.5	0.26	73.3	0.01	<1	1.23	0.007	0.04	<0.1	2.4	0.04	<0.02	22	<0.1	<0.02	4.3	0.67	<0.1	<0.02	0.5	6	0.4	<0.05	0.3	2.27	12.2	0.03	<1	0.2	11.7	<10	<2
SHB1050006	0.7	15.6	0.08	0.65	0.11	52	0.14	0.032	6.3	13.1	0.28	76.2	0.019	<1	1.22	0.01	0.05	<0.1	3	0.03	<0.02	14	0.1	<0.02	3.8	0.41	<0.1	<0.02	0.38	3	0.4	<0.05	0.7	2.78	12.8	0.03	1	0.1	11.6	<10	<2
SHB1050007	0.6	57.7	0.29	0.3	0.12	39	0.58	0.034	7.8	15.8	0.36	94.2	0.006	<1	1.41	0.025	0.05	<0.1	5.1	0.03	<0.02	37	<0.1	<0.02	3.8	0.53	<0.1	0.04	0.54	6	0.3	<0.05	1.2	7.87	13.8	0.05	<1	0.4	46.1	<10	<2
SHB1050008	0.8	17	0.1	0.44	0.1	46	0.16	0.025	6.9	17	0.37	62	0.007	<1	1.52	0.008	0.06	<0.1	3.1	0.03	<0.02	27	0.1	0.02	3.9	0.52	<0.1	<0.02	0.32	6.2	0.3	<0.05	0.8	2.76	14.1	0.03	<1	0.3	20.6	<10	<2
SHB1050009	0.6	9.8	0.09	0.23	0.07	39	0.08	0.023	7	13.9	0.39	50	0.002	<1	1.63	0.005	0.04	<0.1	2.5	0.03	<0.02	12	0.2	0.03	4.4	0.42	<0.1	<0.02	0.27	6.1	0.3	<0.05	0.5	1.57	13.5	0.02	<1	0.2	29.5	<10	<2
SHB1050010	0.5	37.3	0.21	0.38	0.2	35	0.47	0.04	6.9	14.4	0.37	73	0.003	<1	1.52	0.013	0.06	<0.1	4	0.08	0.03	40	0.2	<0.02	4.1	0.92	<0.1	<0.02	0.43	7	0.3	<0.05	0.6	7.08	13.4	0.04	1	0.3	20.4	<10	<2
SHB1050011	0.7	17.8	0.17	0.63	0.13	49	0.18	0.035	6	16.7	0.42	85.4	0.009	<1	1.75	0.009	0.06	<0.1	3.6	0.03	<0.02	25	0.1	0.02	4.4	0.66	<0.1	<0.02	0.4	6	0.3	<0.05	0.8	2.86	13.1	0.04	<1	0.3	20.5	<10	<2
SHB1050012	0.8	12.6	0.09	0.41	0.12	41	0.14	0.019	7.5	15.1	0.43	55.4	0.006	<1	1.46	0.009	0.05	<0.1	3.2	0.04	<0.02	18	<0.1	<0.02	4.2	0.63	<0.1	<0.02	0.24	5	0.3	<0.05	0.9	3.77	14.5	0.03	<1	0.2	19.8	<10	<2
SHB1050013	0.3	7.2	0.08	0.29	0.13	30	0.1	0.038	5.7	6.6	0.18	37.6	0.003	<1	0.9	0.007	0.05	<0.1	1.6	0.06	<0.02	19	0.1	0.03	3.8	0.85	<0.1	<0.02	0.31	9.6	0.3	<0.05	0.1	2.12	11	0.02	<1	0.1	8.5	<10	<2
SHB1050014	0.4	10.3	0.26	0.4	0.24	42	0.13	0.078	3.5	11.5	0.32	59.1	0.004	<1	1.75	0.007	0.07	<0.1	2.8	0.1	0.02	34	0.2	0.04	5.5	1.79	<0.1	<0.02	0.48	12.3	0.3	<0.05	0.5	1.95	6.8	0.04	<1	0.2	26.5	<10	<2
SHB1050015	0.6	27.7	0.19	0.31	0.12	40	0.3	0.023	8.4	14	0.38	79.5	0.004	<1	1.4	0.007	0.06	<0.1	3.4	0.03	<0.02	18	<0.1	<0.02	3.9	0.41	<0.1	<0.02	0.35	4.7	0.3	<0.05	0.8	6.25	16.1	0.03	<1	0.3	18.1	<10	<2
SHB1050016	0.6	22.8	0.42	0.53	0.26	42	0.6	0.042	7.3	14.3	0.36	95	0.002	<1	1.72	0.01	0.06	<0.1	4.6	0.07	0.02	47	0.2	0.02	4.6	0.69	<0.1	0.03	0.32	6.4	0.3	<0.05	0.9	9.7	12.7	0.06	1	0.3	17.9	<10	<2
SHB1050017	0.6	18.9	0.3	0.51	0.19	38	0.45	0.035	6.8	13.3	0.35	67.6	0.003	<1	1.45	0.006	0.05	<0.1	3.7	0.06	0.02	37	0.2	0.03	4	0.54	<0.1	0.04	0.33	5	0.3	<0.05	0.6	6.96	13	0.05	<1	0.2	17.1	<10	<2
SHB1050019	0.6	17.2	0.12	0.26	0.09	35	0.32	0.031	6.2	13.4	0.4	52.2	0.002	<1	1.4	0.007	0.06	<0.1	3	0.03	0.02	21	0.2	<0.02	3.3	0.34	<0.1	<0.02	0.23	4.1	0.3	<0.05	0.4	4.28	12.4	0.03	<1	0.2	19.9	<10	<2
SHB1050020	0.6	14.7	0.1	0.29	0.08	36	0.18	0.021	6.6	12	0.31	37.5	0.002	<1	1.34	0.006	0.04	<0.1	2.3	0.03	<0.02	10	0.1	<0.02	3.9	0.39	<0.1	<0.02	0.4	6.6	0.3	<0.05	0.7	1.4	12.8	0.03	<1	0.1	20.7	<10	<2
SHB1050021	0.4	8.9	0.24	0.23	0.16	51	0.15	0.12	3.8	11	0.24	55	0.003	<1	2.13	0.008	0.07	<0.1	3.4	0.11	0.03	46	0.2	0.03	6.7	1.63	<0.1	<0.02	0.56	11.5	0.3	<0.05	0.6	2.06	7.5	0.04	<1	0.5	31.2	<10	<2
SHB1050023	0.5	15	0.37	0.48	0.32	52	0.17	0.133	3.4	8.9	0.25	68.7	0.004	<1	1.5	0.012	0.08	0.1	2.4	0.12	0.04	43	<0.1	0.03	6.7	1.94	<0.1	<0.02	0.49	12.4	0.5	<0.05	0.4	1.68	6.3	0.05	<1	0.2	20.3	<10	<2
SHB1050024	0.7	72.4	0.45	0.45	0.46	40	0.6	0.044	7.7	15.5	0.41	101.4	0.004	<1	1.85	0.019	0.08	0.2	4.8	0.12	0.03	54	0.3	0.03	5.4	1.93	<0.1	<0.02	0.53	12.1	0.4	<0.05	0.9	9.88	17.4	0.06	<1	0.6	21	<10	<2
SHB1050025	0.5	45.3	0.34	0.58	0.46	37	0.47	0.029	5.8	11.6	0.42	70.6	0.006	<1	1.49	0.014	0.07	0.2	3.8	0.11	<0.02	23	<0.1	0.06	5.1	1.55	<0.1	<0.02	0.46	9.8	0.4	<0.05	0.4	5.8	12.2	0.05	<1	0.2	18.7	<10	<2
SHB1050026	0.7	19.6	0.13	0.62	0.2	36	0.15	0.02	7.8	13.8	0.4	69.8	0.008	<1	1.48	0.009	0.04	<0.1	2.7	0.05	<0.02	18	<0.1	<0.02	3.9	0.95	<0.1	<0.02	0.21	7.1	0.3	<0.05	0.3	3.72	15.5	0.04	<1	0.4	17.2	<10	<2
SHB1050027	0.6	18.45	0.095	0.49	0.12	40	0.15	0.023	6.5	13.7	0.39	78.2	0.0055	1	1.445	0.008	0.035	<0.1	2.6	0.03	<0.02	18.5	0.2	0.025	3.95	0.58	<0.1	<0.02	0.32	5.8	0.4	<0.05	0.5	2.07	12.9	0.035	2	0.2	19.45	<10	<2
SHB1050029	0.8	24	0.17	0.79	0.18	53	0.16	0.02	7.7	15.4	0.39	92.1	0.016	<1	1.57	0.011	0.04	0.1	3.1	0.04	<0.02	10	0.2	0.03	4.7	0.86	<0.1	<0.02	0.44	6.7	0.5	<0.05	0.7	2.63	15.7	0.04	<1	0.1	14.5	<10	<2
SHB1050030	0.5	13.7	0.1	0.36	0.09	38	0.11	0.02	6.7	10	0.24	56	0.004	<1	1.06	0.008	0.05	<0.1	1.8	<0.02	<0.02	12	0.1	<0.02	3.9	0.45	<0.1	<0.02	0.28	6.6	0.4	<0.05	0.4	1.4	12.9	0.03	<1	0.2	13	<10	<2
SHB1050031	0.4	21.8	0.35	0.27	0.1	33	0.18	0.018	7.4	5.9	0.08	91.7	0.005	<1	0.76	0.009	0.06	<0.1	1.4	0.03	<0.02	15	0.1	<0.02	3.1	0.61	<0.1	<0.02	0.29	8.4	0.4	<0.05	0.2	1.42	13.6	<0.02	2	0.1	3.3	<10	<2
SHB1050033	0.4	32.9	0.28	0.51	0.18	35	0.46	0.025	4.8	9.8	0.37	43.6	0.006	<1	1.23	0.013	0.07	0.2	2.8	0.09	0.02	21	0.2	<0.02	5.2	2.05	<0.1	<0.02	0.41	14.5	0.3	<0.05	0.3	3.84	7.5	0.03	<1	<0.1	19.3	<10	<2
SHB1050034	1	16.9	0.13	0.64	0.13	45	0.13	0.022	9.5	16.2	0.41	60	0.003	<1	1.71	0.007	0.04	<0.1	3.1	0.03	<0.02	19	0.3	<0.02	4.6	0.64	<0.1	<0.02	0.21	6.5	0.4	<0.05	0.7	1.79	18.3	0.05	2	0.1	20.6	<10	<2
SHB1050035	0.5	19	0.16	0.66	0.21	42	0.22	0.022	5	9.9	0.41	62.1	0.014	1	1.57	0.009	0.07	0.1	3	0.07	<0.02	22	0.1	<0.02	5.5	2.07	<0.1	<0.02	0.58	11.6	0.4	<0.05	0.5	2.79	9.6	0.04	2	0.3	24.4	<10	<2
SHB1050036	0.7	19.1	0.12	0.53	0.21	37	0.21	0.026	7.5	12.5	0.39	71.5	0.004	<1	1.74	0.01	0.05	0.2	3.8	0.09	<0.02	51	0.3	<0.02	4.8	1.36	<0.1	<0.02	0.51	10.3	0.4	<0.05	0.7	5.51	14.9	0.04	<1	0.3	20.3	<10	<2
SHB1050037	0.5	38.7	0.45	0.75	0.28	35	0.33	0.029	7.8	11.8	0.41	69.7	0.007	<1	1.49	0.013	0.08	<0.1	3.6	0.09	<0.02	50	0.4	<0.02	4.4	1.42	<0.1	<0.02	0.41	12	0.3	<0.05	0.4	6.1	15.9	0.05	<1	0.4	17.2	<10	<2
SHB1050038	0.3	55.9	0.4	0.48	0.26	32	0.66	0.037	4.9	8.4	0.3	55.2	0.005	<1	1.25	0.012	0.06	0.2	2.7	0.08	0.04	49	0.4	<0.02	4.4	1.56	<0.1	<0.02	0.46	9.4	0.3	<0.05	0.3	4.75	9.6	0.04	<1	0.1	15.5	<10	<2
SHB1050039	0.5	31.9	0.38	0.5	0.29	37	0.38	0.03	6	10	0.41	52.6	0.007	<1	1.53	0.011	0.07	0.2	3.6	0.13	0.03	43	0.3	0.02	5.4	2.33	<0.1	<0.02	0.57	11.1	0.3	<0.05	0.6	6.76	10.6	0.04	<1	0.3	21.2	<10	<2
SHB1050040	0.4	28.5	0.16	0.65	0.26	43	0.3	0.023	5.2	10.2	0.4	60.6	0.029	<1	1.45	0.012	0.1	0.2	3.5	0.11	<0.02	10	0.3	0.02	5.4	2.18	<0.1	<0.02	0.55	13.2	0.4	<0.05	0.3	4.74	10.3	0.05	2	<0.1	23.6	<10	<2
SHB1050042	0.5	12	0.24	0.46	0.42	52	0.12	0.196	4	8.1	0.22	46.7	0.008	<1	1.79	0.01	0.07	0.2	2.7	0.14	<0.02	61	0.4	0.04	7.3	2.29	<0.1	<0.02	0.54	13	0.4	<0.05	0.5	2.21	7.7	0.04	2	0.3	16	<10	<2
SHB1050043	0.7	6.7	0.22	0.59	0.31	46	0.08	0.086	3.8	12.7	0.44	52.7	0.005	<1	2.11	0.008	0.08	<0.1	3.6	0.14	0.04	62	0.4	0.07	5.7	2.33	<0.1	<0.02	0.4	10.9	0.3	<0.05	0.7	2.98	7.7	0.05	<1	0.4	22.3	<10	<2
SHB1050044	0.5	23.6	0.07	0.35	0.12	33	0.24	0.028	9.2	8.1	0.2	63.6	0.002	<1	0.93	0.007	0.05	<0.1	2.1	0.03	<0.02	49	0.3	<0.02	3.5	0.39	<0.1	<0.02	0.41	5.9	0.4	<0.05	0.5	4.48	17.7	0.02	<1	<0.1	8.1	<10	<2
SHB1050045	0.8	28.9	0.16	0.69	0.22	40	0.26	0.024	9.2	13.5	0.41	76.5	0.011	<1	1.43	0.01	0.1	<0.1	3.7	0.05	<0.02	26	0.1	<0.02	4	0.81	<0.1	<0.02	0.48	6	0.4	<0.05	0.6	5.49	17.7	0.03	<1	0.4	20.2	<10	<2
SHB1050046	0.85	30.95	0.21	0.375	0.19	39.5	0.365	0.0225	10.95	15.35	0.405	81.25	0.003	<1	1.615	0.0095	0.06	<0.1	2.95	0.04	<0.02	28.5	0.15	0.03	4.4	0.68	<0.1	<0.02	0.215	7.7	0.3	<0.05	0.7	4.345	19.85	0.03	3	0.25	22.35	<10	<2
SHB1050048	0.9	74.4	0.36	0.52	0.32	43	0.62	0.033	10	16.8	0.38	120.7	0.004	<1	2.03	0.017	0.1	<0.1	5.6	0.08	0.02	51	0.3	0.04	5.7	1.09	<0.1	0.05	0.54	9.6	0.5	<0.05	1.1	9.98	18.9	0.05	<1	0.6	27.6	<10	<2
SHB1050049	0.6	43	0.15	0.38	0.13	43	0.18	0.033	6.6	12.8	0.22	90.5	0.002	<1	1.59	0.015	0.07	<0.1	2.2	0.03	0.03	47	0.2	<0.02	5	0.69	<0.1	<0.02	0.53	9.4	0.4	<0.05	0.5	1.55	13	0.04	<1	0.3	15.2	<10	<2
SHB1050050	0.7	41	0.22	0.65	0.34	40	0.45	0.028	5.9	12.7	0.38	76.9	0.003	<1	1.86	0.014	0.06	<0.1	3.7	0.13	0.02	44	0.3	<0.02	5	1.75	<0.1	<0.02	0.51	12.3	0.3	<0.05	0.8	5.75	15.4	0.04	<1	0.4	19.1	<10	<2
SHB1050051	0.7	12.7	0.18	0.39	0.12	40	0.09	0.015	11.6	8.4	0.16	82	0.002	<1	0.94	0.008	0.04	<0.1	1.7	0.04	<0.02	23	0.1	<0.02	4.1	0.51	<0.1	<0.02	0.31	4.8	0.3	<0.05	0.6	1.45	22	0.03	<1	<0.1	7.5	<10	<2
SHB1050054	0.4	13.5	0.29	0.76	0.14	38	0.16	0.032	8	5.3	0.1	47.7	0.005	1	0.64	0.006	0.07	<0.1	1.3	0.03	<0.02	36	0.2	<0.02	3.8	0.4	<0.1	<0.02	0.27	5.3	0.3	<0.05	0.2	1.37	15.2	<0.02	1	0.1	2.6	<10	<2
SHB1050055	0.6	14.6	0.4	0.61	0.13	47	0.18	0.043	8.9	11.4	0.25	68.8	0.002	<1	0.98	0.009	0.05	<0.1	1.8	0.04	<0.02	43	0.2	<0.02	4.8	0.6	<0.1	<0.02	0.51	9.8	0.4	<0.05	0.2	1.49	16.6	0.03	<1	0.2	10	<10	<2
SHB1050056	0.4	7.8	0.09	0.26	0.09	27	0.05	0.017	9.6	4.8	0.07	34.9	0.007	<1	0.57	0.008	0.04	<0.1	1	0.04	<0.02	28	0.1	<0.02	3.2	0.67	<0.1	<0.02	0.4	5.6	0.3	<0.05	0.1	1.4	17.8	<0.02	<1	<0.1	2.9	<10	<2
SHB1050057	0.7	21.6	0.32	1	0.14	45	0.25	0.033	9.2	11.1	0.25	62.6	0.004	1	1.13	0.008	0.09	<0.1	2.1	0.03	0.02	51	0.3	<0.02	4.6	0.67	<0.1	<0.02	0.79	8.3	0.4	<0.05	0.5	1.63	17.9	0.04	<1	0.2	14.6	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1050058	604156	6071902	980	B	25	gentle	dark brn	5	subrnd	Mixed	5	22-Jul-11	AC/AR	Average of SHB1050059 & SHB1050058	1.425	44.39	25.165	98.1	694.5	20.6	16.1	2781.5	3.945	34.4	0.4	5.65
SHB1050060	603149	6072399	948	B	15	gentle	red brn	5	subrnd	Mixed	5	23-Jul-11	AC/AR		2.12	35	32.57	263.3	798	10.2	10.9	776	3.97	47.8	0.2	2.7
SHB1050061	603145	6072349	936	B	15	flat	dark brn	10	subrnd	Mixed	2	23-Jul-11	AC/AR	sandy	1.41	22.27	15.17	105.6	229	6	8.9	748	3.38	28.5	0.3	1.8
SHB1050062	603148	6072299	944	B	17	flat	dark brn	-	-	Mixed	1	23-Jul-11	AC/AR	close to silvern creek	1.59	23.31	16.96	117.7	99	5.9	8.7	788	3.31	32.9	0.3	1.6
SHB1050063	603142	6072248	938	B	15	flat	dark brn	45	subrnd	alder	1	23-Jul-11	AC/AR	close to creek,old creek bed?	1.52	29.64	18.47	122.3	250	7.5	12.5	973	4.54	30.1	0.4	3.6
SHB1050064	603150	6072200	937	B	9	flat	brown	45	subrnd	Mixed	3	23-Jul-11	AC/AR	close to creek sandy	1.45	25.88	18.49	129	206	6.9	11.1	1136	3.8	25.4	0.3	1.9
SHB1050065	603148	6072146	932	B	17	flat	red brn	5	subrnd	Mixed	5	23-Jul-11	AC/AR	close to creek	1.17	20.77	16.52	128.5	244	5.8	8.3	810	3.45	24.2	0.3	6.7
SHB1050066	603145	6072101	930	B	9	flat	brown	7	subrnd	Mixed	4	23-Jul-11	AC/AR	close to creek	1.55	25.03	17.55	125.4	149	5.8	9.6	1078	3.41	27.8	0.3	1.9
SHB1050068	602999	6071904	913	B	10	gentle	red brn	5	subrnd	Conif	1	24-Jul-11	AC/PF	wrong site adjacent to stream	1.76	30.54	45.01	257.8	645	8.9	11.6	1318	3.97	45.2	0.3	3.4
SHB1050069	602952	6071898	911	B	15	gentle	orange brn	5	subrnd	Conif	5	24-Jul-11	AC/PF	line 6	1.38	18.64	15.79	155.5	258	5.9	6.6	456	3.56	23.9	0.2	13.2
SHB1050070	602896	6071897	914	B	15	gentle	red brn	5	subrnd	Conif	5	24-Jul-11	AC/PF	wrong site	1.26	9.68	12.29	193.6	63	5.3	9.1	549	3.36	21.4	0.3	16.2
Shb1050071	603054	6071904	921	B	20	gentle	brown	10	rnd	Conif	1	24-Jul-11	AC/PF		1.13	23.28	14.99	101	114	6.1	8.9	722	3.17	21.4	0.3	26.6
Shb1050072	603049	6071955	911	B	20	gentle	brown	0	-	Conif	5	24-Jul-11		adjacent to stream silty	1.32	25.77	16.01	133.8	143	5.4	9.6	1250	3.54	21.1	0.2	2.4
Shb1050073	603052	6071998	911	B	15	gentle	brown	20	subrnd	Conif	10	24-Jul-11	AC/PF	near creek	1.58	38.73	28	147.4	480	8.3	10.2	967	3.37	35.1	0.3	3.9
Shb1050074	603052	6072047	910	B	20	gentle	brown	5	subrnd	Conif	5	24-Jul-11	AC/PF		2.43	46.58	36.67	180.4	1114	9.9	11.6	913	3.75	47.8	0.3	2.7
Shb1050075	603049	6072103	927	B	20	gentle	brown	-	-	Conif	10	24-Jul-11	AC/PF		2.54	39.99	42.5	183	1077	9.2	12	1127	3.6	51.7	0.3	2.2
Shb1050076	603052	6072150	927	B	15	gentle	brown	1	subang	Conif	5	24-Jul-11	AC/PF		2.3	39.97	37.71	199.4	1149	8.5	10.9	1127	3.24	40.5	0.2	2.2
Shb1050077	603052	6072200	929	B	15	gentle	brown	5	subang	Conif	1	24-Jul-11	AC/PF		2.36	39.09	46.59	218	1121	9.3	11.8	1203	3.49	57.5	0.2	4
Shb1050078	603046	6072253	935	B	10	gentle	brown	1	subrnd	Conif	5	24-Jul-11	AC/PF		2.48	60.35	49.41	252.4	2138	10.4	13	1577	3.72	57.1	0.4	3.5
Shb1050079	603054	6072302	943	B	15	gentle	choc brwn	5	subang	Conif	5	24-Jul-11	AC/PF		1.96	57.77	43.18	278	2375	10	11.7	1313	3.25	47.6	0.3	3.5
Shb1050081	603052	6072348	947	B	20	gentle	light brn	1	Ang	Conif	5	24-Jul-11	AC/PF	Average of SHB1050082 & SHB1050081	2.265	53.22	40.38	217.3	2082	8.7	11.1	1199	3.345	42.75	0.3	11.25
Shb1050083	603049	6072401	953	B	10	gentle	dark brn	15	subang	Conif	1	24-Jul-11	AC/PF		1.54	51.27	42.59	171.8	495	8.1	9.8	805	3.33	27.8	0.2	2.4
Shb1050084	602951	6072095	925	B	10	gentle	brown	1	subang	Conif	5	24-Jul-11	AC/PF		2.17	44	35.08	180.2	1174	9.5	10.5	1698	3.34	44.5	0.6	2.1
Shb1050085	602951	6072048	923	B	10	gentle	orange brn	1	subang	Conif	1	24-Jul-11	AC/PF		1.61	31.8	33.39	196.6	859	7.7	9.6	1434	3.17	36.5	0.3	1.6
Shb1050086	602948	6072001	916	B	10	gentle	red brn	10	subang	Conif	5	24-Jul-11	AC/PF		1.39	12.2	31.71	209.7	576	4.3	6.9	815	3.08	26	0.2	1.3
Shb1050087	602949	6071947	910	B	5	gentle	red brn	10	subrnd	Conif	5	24-Jul-11	AC/PF		1.38	13.13	19.72	151.8	235	5.2	7.3	404	3.13	26.3	0.2	2
SHB1050101	603155	6071899	919	B	10	flat	red brn	15	subang	Conif	5	19-Jul-11	AG/AC/AR/BA		1.4	19.06	21.46	123.9	114	5.8	8.3	670	3.29	28.6	0.3	4.3
SHB1050102	603152	6071949	919	B	25	flat	brn	30	subrnd	Conif	4	19-Jul-11	AG/AC/AR/BA	spruce/pine	1.37	26.77	17.14	125.5	207	6.7	9.4	951	3.47	27.9	0.4	2.3
SHB1050103	603157	6071994	933	B	30	flat	brn	5	subrnd	Conif	2	19-Jul-11	AG/AC/AR/BA	next to road	1.61	18.5	20.37	155.8	142	6.2	9.5	998	3.35	35.4	0.3	9.4
SHB1050104	603155	6072045	932	B	15	flat	brn	1	subrnd	Conif	1	19-Jul-11	AG/AC/AR/BA	sand?close to silvern creek road	1.64	26.2	17.25	115.7	221	6.6	8.6	813	3.18	24	0.3	187.6
SHB1050105	603250	6072395	943	B	17	flat	brn	2	subrnd	Conif	2	19-Jul-11	AG/AC/AR/BA	line 7	1.63	18.54	17.87	166.9	181	6.2	9.5	737	3.13	42.3	0.3	2.9
SHB1050106	603249	6072350	955	B	17	flat	brn	-	-	Conif	1	19-Jul-11	AG/AC/AR/BA		1.33	18.96	15.78	125.6	90	6.7	9	735	3.35	32.2	0.4	6.8
SHB1050107	603252	6072300	946	B	15	flat	brn	-	-	Conif	1	19-Jul-11	AG/AC/AR/BA		1.35	18.2	15	146.2	97	7.2	8.8	580	3.31	33	0.3	2.8
SHB1050108	603254	6072240	935	B	10	flat	red brn	10	subrnd	Conif	1	19-Jul-11	AG/AC/AR/BA		1.26	22.74	15.7	119.9	185	7.7	8.4	821	3.13	28.2	0.3	3.1
SHB1050109	603254	6072204	931	B	12	flat	brn	-	-	Conif	1	19-Jul-11	AG/AC/AR/BA		1.34	25.43	21.19	135	238	7.6	9.6	988	3.76	35.1	0.4	4.7
SHB1050110	603245	6072145	929	B	20	Flat	brn	5	subang	Conif	2	19-Jul-11	AG/AC/AR/BA		1.22	21.42	16.06	154.5	205	7.6	9.4	910	3.8	30.8	0.3	1.6
SHB1050111	603251	6072097	927	B	20	Flat	brn	-	-	Conif	2	19-Jul-11	AG/AC/AR/BA		1.13	17.88	13.22	151.6	108	5.7	8.5	587	3.28	25.4	0.3	12.3
SHB1050112	603254	6072048	925	B	15	Flat	Brn	15	Subrnd	Conif	2	20-Jul-11	AR/AG/BA/AC	Line 7	1.34	13.98	14.01	104.9	252	5.7	6.5	464	3.41	29.4	0.2	1.9
SHB1050113	603250	6072002	928	B	15	Flat	Brn	40	Subrnd	Conif	3	20-Jul-11	AR/AG/BA/AC	Line 7	1.68	21.98	17.49	135.4	862	7.5	10.6	1049	3.47	42.2	0.3	1.8
SHB1050114	603250	6071946	927	B	15	Flat	Brn/Red	7	Subang	Conif	4	20-Jul-11	AR/AG/BA/AC	Line 7	1.34	18.47	16.1	125.3	237	7.2	7.6	440	3.71	35.8	0.3	1.7
SHB1050115	603247	6071910	931	B	12	Flat	Brn	5	Ang	Conif	3	20-Jul-11	AR/AG/BA/AC	Line 7	1.08	8.63	14.89	93.1	100	4.4	5.5	419	3.24	19.5	0.2	5.3
SHB1050116	603352	6071904	912	B	10	Flat	Brn	0	NA	Conif	3	20-Jul-11	AC/AG	Line 8	2.62	20.01	9.22	92.4	117	10.5	9.9	290	3.7	43	0.2	1.3
SHB1050117	603350	6071952	917	B	10	Flat	Brn	0	NA	Conif	5	20-Jul-11	AC/AG	Line 8	0.61	11.2	7.31	73.1	184	8.6	6	249	2.43	8.6	0.3	0.8
SHB1050118	603353	6072000	921	B	12	Gentle	L Brn	2.5	Subang	Conif	3	20-Jul-11	AC /AG	Line 8	0.68	5.92	8.69	98.5	169	4.5	4.1	243	2.62	6.9	0.2	0.9
SHB1050119	603350	6072050	933	B	10	Gentle	Brn/Red	2.5	Subang-subrnd	Conif	5	20-Jul-11	AC/AG	Line 8	0.8	7.9	9.28	93.1	150	3.8	3.5	171	2.55	10	0.2	0.4
SHB1050120	603352	6072107	938	B	20	Gentle	L Brn	0	NA	Conif	5	20-Jul-11	AC/AG	Line 8	0.56	11.01	8.83	69.2	48	6.4	5.5	254	2.65	10.9	0.3	1
SHB1050121	603347	6072154	941	B	15	Flat	L Brn	5	subrnd	Conif	5	20-Jul-11	AC/AG	Line 8	0.31	5.18	6.98	47.9	157	3.2	2.8	190	1.38	2.7	0.2	1
SHB1050122	603349	6072197	945	B	10	Flat	L Brn	0	NA	Conif	5	20-Jul-11	AC/AG	Line 8	0.82	9.56	9.18	130.8	172	8.4	5.6	266	2.7	11.4	0.2	1
SHB1050123	603350	6072246	946	B	13	Flat	L Brn	3	subrnd	Conif	5	20-Jul-11	AC/AG	Line 8	0.61	5.12	8.62	49.3	224	3.9	2.5	152	2.03	8	0.2	0.7

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1050058	0.75	121.95	0.795	0.93	0.235	44.5	1.105	0.047	14.5	16.95	0.37	163.15	0.0025	4	2.025	0.014	0.065	<0.1	7.8	0.115	0.035	115	0.45	0.04	5.2	1.84	<0.1	0.035	0.46	10.25	0.4	<0.05	1.2	18.155	26.25	0.08	3.5	0.65	26.6	<10	<2
SHB1050060	0.6	9.6	0.81	3.1	0.32	68	0.19	0.104	6.8	15.9	0.58	106.2	0.014	2	1.93	0.008	0.08	<0.1	5.1	0.11	<0.02	40	0.2	0.02	5.4	1.98	<0.1	0.03	0.24	8.5	0.3	<0.05	0.7	5.37	16.1	0.09	<1	0.4	17	<10	<2
SHB1050061	0.7	11	0.45	1.72	0.19	44	0.24	0.044	7	9.9	0.47	56.5	0.03	<1	1.08	0.014	0.06	<0.1	4.6	0.06	<0.02	25	<0.1	0.03	3.4	1.18	<0.1	0.04	0.08	4.3	0.3	<0.05	1.3	9.06	15.7	0.05	<1	0.3	12.3	<10	<2
SHB1050062	0.7	11.9	0.54	1.68	0.21	44	0.24	0.046	7.1	10.3	0.47	62.9	0.026	1	1.1	0.013	0.06	<0.1	4.4	0.07	<0.02	28	<0.1	0.04	3.8	1.34	<0.1	0.02	0.1	4.7	0.2	<0.05	1	8.65	15.5	0.06	<1	0.3	13	<10	<2
SHB1050063	0.8	14.4	0.53	1.87	0.23	65	0.32	0.058	10.7	13.2	0.54	86.3	0.05	3	1.21	0.013	0.07	<0.1	5.8	0.06	<0.02	30	<0.1	0.07	4.2	1.5	<0.1	0.04	0.12	4.7	0.3	<0.05	1.5	13.78	21.9	0.04	<1	0.4	14	<10	<2
SHB1050064	0.9	15.6	0.6	1.63	0.18	49	0.39	0.061	10	11.4	0.56	102.7	0.029	2	1.26	0.013	0.09	<0.1	5.6	0.07	<0.02	43	0.1	0.05	4.3	1.44	<0.1	0.02	0.15	5	0.3	<0.05	1.2	12	21.7	0.05	<1	0.3	14.8	<10	<2
SHB1050065	0.6	10.7	0.38	1.41	0.16	47	0.25	0.034	7.7	10.6	0.45	96.1	0.018	1	1.21	0.009	0.06	<0.1	4.6	0.05	<0.02	21	<0.1	0.03	3.8	1.3	<0.1	0.03	0.09	5.3	0.2	<0.05	0.8	8.02	16.8	0.04	<1	0.3	12.9	<10	<2
SHB1050066	0.6	14.1	0.46	1.5	0.18	46	0.37	0.051	8.4	9.9	0.46	85.5	0.019	2	1.12	0.011	0.08	<0.1	4.9	0.06	<0.02	87	<0.1	0.04	3.8	1.22	<0.1	<0.02	0.12	4.4	0.2	<0.05	0.4	10.19	17.5	0.05	<1	0.3	13.2	<10	<2
SHB1050068	1.1	11.3	1.1	2.47	0.44	68	0.19	0.117	11.1	15.5	0.41	166.3	0.012	2	2.46	0.009	0.13	<0.1	6.6	0.15	0.02	41	0.1	0.03	7	2.65	<0.1	0.03	0.35	14.1	0.6	<0.05	1	11.54	24.2	0.09	2	0.4	11	<10	<2
SHB1050069	0.5	6.2	0.35	1.21	0.29	51	0.09	0.103	5.3	11.3	0.33	78.5	0.009	1	2.22	0.005	0.05	0.1	4	0.08	<0.02	44	<0.1	0.04	5.9	1.81	<0.1	0.03	0.42	7.6	0.5	<0.05	1	3.8	11.8	0.05	2	0.4	20.6	<10	<2
SHB1050070	0.2	11.7	0.37	1.04	0.16	58	0.24	0.031	4.7	11.6	0.37	70.3	0.014	1	1.4	0.005	0.05	<0.1	3.3	0.07	<0.02	20	<0.1	0.05	5.2	1.52	<0.1	<0.02	0.4	8.8	0.5	<0.05	0.7	3.3	10.9	0.06	<1	0.2	14.9	<10	<2
Shb1050071	0.3	11.7	0.36	1.31	0.13	42	0.23	0.039	7.2	11.2	0.46	68.3	0.021	1	1.24	0.012	0.06	<0.1	4.3	0.06	<0.02	34	<0.1	0.02	3.6	1.34	<0.1	0.03	0.16	4.2	0.3	<0.05	0.8	8.46	16.7	0.04	<1	0.3	10.8	<10	<2
Shb1050072	0.2	11.6	0.6	1.11	0.12	46	0.26	0.046	8.2	8.3	0.45	86.5	0.02	1	1.2	0.011	0.08	<0.1	5.1	0.05	<0.02	21	<0.1	0.05	3.9	1.15	<0.1	0.02	0.1	4.5	0.3	<0.05	0.8	9.76	20.6	0.06	<1	0.4	12.5	<10	<2
Shb1050073	0.3	12	0.47	2.07	0.19	55	0.22	0.041	9.5	14.2	0.56	121.2	0.018	2	1.82	0.007	0.09	<0.1	6.3	0.09	<0.02	36	<0.1	0.04	4.9	1.91	<0.1	0.03	0.29	7.5	0.4	<0.05	0.9	12.6	22.1	0.06	<1	0.4	14.4	<10	<2
Shb1050074	0.2	9.5	0.57	3.05	0.26	72	0.19	0.064	9.9	16.7	0.66	105.4	0.012	2	2.05	0.006	0.08	<0.1	6.4	0.1	<0.02	51	0.5	0.02	5.6	1.8	<0.1	0.03	0.24	7.9	0.3	<0.05	0.7	10.99	20.9	0.07	<1	0.5	16.9	<10	<2
Shb1050075	<0.1	14.1	0.6	3.33	0.28	67	0.32	0.042	9	15.2	0.64	105.1	0.007	1	1.88	0.005	0.07	<0.1	5.8	0.1	<0.02	47	0.6	0.03	5.5	1.63	<0.1	0.03	0.23	7.1	0.3	<0.05	0.8	10.99	19.3	0.08	2	0.5	16.1	<10	<2
Shb1050076	<0.1	11.1	2.2	2.39	0.27	60	0.3	0.069	7.8	13.7	0.43	95.2	0.014	2	1.53	0.005	0.11	<0.1	3.8	0.07	0.03	30	0.4	0.04	5	1.62	<0.1	<0.02	0.37	9.7	0.3	<0.05	0.2	9.17	16.8	0.07	<1	0.3	11.4	<10	<2
Shb1050077	<0.1	10.2	1.18	3.19	0.28	65	0.25	0.05	9	15.4	0.57	88.9	0.011	2	1.84	0.006	0.08	<0.1	5.1	0.09	<0.02	38	0.5	0.02	5.1	1.64	<0.1	0.02	0.29	7.6	0.3	<0.05	0.5	9.03	20.9	0.07	<1	0.5	13.7	<10	<2
Shb1050078	<0.1	16.3	2.44	3.76	0.32	65	0.55	0.07	11.7	16.5	0.6	133.3	0.015	2	2.01	0.007	0.11	<0.1	7.1	0.1	0.03	60	0.6	0.02	6.1	2.02	<0.1	0.04	0.41	10	0.3	<0.05	0.9	18.41	23.9	0.09	1	0.5	14.5	<10	<2
Shb1050079	<0.1	21.6	3.16	3.38	0.37	58	1.01	0.088	10.4	15.5	0.58	126.1	0.015	4	1.64	0.006	0.13	<0.1	5.1	0.09	0.05	66	0.9	0.02	5.1	1.71	<0.1	0.02	0.36	8.6	0.3	<0.05	0.8	16.92	18.5	0.08	<1	0.4	13.1	<10	<2
Shb1050081	<0.1	15.85	1.905	3.635	0.23	63	0.555	0.055	9.8	13.8	0.565	93.9	0.018	2	1.56	0.0095	0.075	<0.1	5.7	0.085	0.02	42	0.6	0.05	4.95	1.595	<0.1	0.03	0.275	7.3	0.3	<0.05	0.7	14.565	19.15	0.065	2	0.4	12.1	<10	<2
Shb1050083	<0.1	9.2	0.77	1.54	0.09	60	0.26	0.062	6.9	13.5	0.54	145.5	0.013	1	1.7	0.006	0.07	<0.1	4.2	0.06	<0.02	43	<0.1	<0.02	5.1	1.12	<0.1	0.03	0.46	5.8	0.5	<0.05	0.8	7.29	15.1	0.05	<1	0.4	14.6	<10	<2
Shb1050084	<0.1	21.1	1.37	2.33	0.23	59	0.76	0.065	9.8	16.2	0.45	137.4	0.012	2	1.83	0.006	0.11	<0.1	5.4	0.09	0.03	44	0.8	<0.02	5.5	1.29	<0.1	0.04	0.42	8.4	0.3	<0.05	0.9	13.98	18.6	0.08	<1	0.4	11.2	<10	<2
Shb1050085	<0.1	18.5	1.65	2.13	0.2	57	0.47	0.074	8.7	13.9	0.43	125.1	0.016	2	1.59	0.006	0.08	<0.1	5.2	0.09	<0.02	28	0.4	<0.02	4.9	1.44	<0.1	<0.02	0.4	9.5	0.3	<0.05	0.8	9.31	19.6	0.07	<1	0.4	9.8	<10	<2
Shb1050086	<0.1	9.9	1.46	1.32	0.24	58	0.21	0.184	6.4	11.1	0.22	125.3	0.009	1	1.71	0.006	0.06	<0.1	3.3	0.1	<0.02	31	<0.1	<0.02	6.2	1.9	<0.1	<0.02	0.35	9.9	0.4	<0.05	0.4	2.87	14.5	0.06	<1	0.3	8.8	<10	<2
Shb1050087	<0.1	7.7	0.3	1.26	0.14	51	0.16	0.059	5.9	10.7	0.31	69.9	0.008	<1	1.61	0.005	0.06	0.1	2.8	0.08	<0.02	23	<0.1	0.02	5.4	1.69	<0.1	<0.02	0.41	8.1	0.4	<0.05	0.4	2.86	13	0.06	<1	0.3	11.9	<10	<2
SHB1050101	0.7	18.4	0.67	1.94	0.33	48	0.38	0.042	6.8	10.4	0.44	64.8	0.026	2	1.15	0.009	0.08	<0.1	3.9	0.04	<0.02	40	0.3	<0.02	4	1.17	<0.1	<0.02	0.21	5.7	0.3	<0.05	0.2	6.47	14.2	0.05	<1	0.3	10	<10	<2
SHB1050102	0.8	16.5	0.61	1.87	0.26	48	0.28	0.043	8.9	10.9	0.48	89.7	0.026	1	1.24	0.013	0.06	<0.1	4.7	0.04	<0.02	58	0.3	0.05	4.1	1.44	<0.1	<0.02	0.11	4.6	0.2	<0.05	0.4	10.47	19.2	0.05	2	0.1	11.6	<10	<2
SHB1050103	0.7	18.9	0.85	2.11	0.31	49	0.33	0.045	7	10.2	0.47	79	0.033	1	1.18	0.011	0.07	<0.1	4	0.05	<0.02	39	<0.1	<0.02	4.2	1.34	<0.1	<0.02	0.19	7.1	0.3	<0.05	0.4	6.75	15.3	0.05	<1	0.2	11.1	<10	<2
SHB1050104	0.7	15.3	0.55	1.43	0.22	42	0.25	0.048	8.7	10.6	0.41	93.2	0.021	1	1.1	0.01	0.07	<0.1	4.5	0.04	<0.02	37	0.3	0.03	3.5	1.03	<0.1	<0.02	0.16	4.3	0.2	<0.05	0.6	11.26	18.8	0.05	<1	0.4	8.8	<10	<2
SHB1050105	0.6	16	0.86	1.92	0.38	46	0.28	0.046	6.2	11.2	0.43	80.2	0.019	1	1.2	0.006	0.07	<0.1	3.5	0.05	<0.02	32	0.1	<0.02	4.3	1.28	<0.1	0.02	0.19	7	0.3	<0.05	0.3	5.03	13.5	0.06	<1	0.3	12.1	<10	<2
SHB1050106	1	15.6	0.46	1.85	0.55	49	0.22	0.042	7.8	12.3	0.44	99.7	0.032	<1	1.26	0.011	0.06	<0.1	4.3	0.03	<0.02	36	0.2	<0.02	3.9	1.39	<0.1	<0.02	0.14	6.7	0.3	<0.05	0.5	8.36	16.2	0.07	<1	0.2	9.7	<10	<2
SHB1050107	0.8	15.3	0.38	1.66	0.31	51	0.17	0.041	6.3	12.9	0.45	98.5	0.025	<1	1.38	0.008	0.04	<0.1	3.8	0.05	<0.02	37	<0.1	<0.02	4.4	1.35	<0.1	<0.02	0.13	5.2	0.3	<0.05	0.6	5.39	13.3	0.05	<1	0.3	11.4	<10	<2
SHB1050108	0.7	18.3	0.44	1.53	0.26	46	0.25	0.04	7.5	12.8	0.44	97.1	0.023	1	1.31	0.008	0.08	<0.1	4.1	0.05	<0.02	30	0.2	<0.02	4	1.1	<0.1	<0.02	0.18	5.4	0.2	<0.05	0.2	8.18	16	0.03	<1	0.3	10.8	<10	<2
SHB1050109	0.8	15.5	0.39	2.09	0.3	54	0.19	0.043	8.3	14.1	0.57	101.3	0.025	<1	1.58	0.011	0.07	<0.1	4.5	0.07	<0.02	26	0.2	<0.02	4.7	1.7	<0.1	<0.02	0.15	6.2	0.3	<0.05	0.4	7.14	18.1	0.06	<1	0.3	11.9	<10	<2
SHB1050110	0.8	13.4	0.52	1.89	0.26	57	0.18	0.052	7	13.4	0.56	90.8	0.03	<1	1.55	0.007	0.06	0.1	4.4	0.04	<0.02	24	0.2	<0.02	4.6	1.43	<0.1	<0.02	0.13	5.3	0.3	<0.05	0.4	6.45	15.6	0.06	<1	0.3	13.5	<10	<2
SHB1050111	0.8	10.4	0.38	1.59	0.23	51	0.13	0.031	7.8	10.8	0.41	100.9	0.025	2	1.45	0.005	0.06	<0.1	4	0.05	<0.02	11	0.2	<0.02	4.8	1.33	<0.1	0.02	0.12	7.1	0.3	<0.05	0.6	5.2	16.3	0.05	<1	0.3	9.6	<10	<2
SHB1050112	0.7	13.3	0.58	1.35	0.26	49	0.15	0.166	5.9	11.3	0.38	67.3	0.017	2	1.39	0.007	0.09	<0.1	3.6	0.04	<0.02	33	0.3	<0.02	5	1.31	<0.1	<0.02	0.25	7	0.3	<0.05	0.8	3.92	11.9	0.05	<1	0.2	10	<10	<2
SHB1050113	0.7	14.5	0.97	1.75	0.26	45	0.19	0.153	6.3	13.7	0.46	81.1	0.016	1	1.64	0.005	0.08	0.1	4	0.06	0.02	95	0.4	<0.02	4.6	1.88	<0.1	<0.02	0.22	6.9	0.2	<0.05	0.3	5.96	13.8	0.08	<1	0.5	13.1	<10	<2
SHB1050114	0.7	11.6	0.36	1.41	0.25	53	0.15	0.068	6.2	13.6	0.4	74.1	0.012	<1	1.64	0.005	0.07	<0.1	3.9	0.05	<0.02	39	0.2	<0.02	5.1	1.34	<0.1	0.02	0.23	6.4	0.3	<0.05	0.6	4.57	12.6	0.05	<1	0.3	14.2	<10	<2
SHB1050115	0.7	12.5	0.54	1.16	0.23	51	0.14	0.097	6.8	11.4	0.3	99.4	0.011	<1	1.21	0.006	0.06	<0.1	3.3	0.04	<0.02	22	<0.1	0.04	5.3	0.96	<0.1	0.03	0.2	6.7	0.4	<0.05	0.7	3.5	13.5	0.04	<1	0.1	8	<10	<2
SHB1050116	0.7	10.4	0.23	0.55	0.16	36	0.17	0.037	6.6	14.3	0.39	55	0.001	<1	1.77	0.006	0.07	<0.1	3.4	0.04	<0.02	28	0.3	0.04	4	1.67	<0.1	<0.02	0.06	6.4	0.3	<0.05	0.2	5.3	13	0.05	<1	0.2	18	<10	<2
SHB1050117	0.5	23	0.14	0.59	0.1	44	0.15	0.041	5.3	11.7	0.32	104.3	0.04	<1	1.34	0.008	0.04	<0.1	2.6	0.03	<0.02	35	<0.1	<0.02	3.6	0.8	<0.1	<0.02	0.3	4.8	0.4	<0.05	0.2	3.67	11	0.03	<1	0.3	8.1	<10	<2
SHB1050118	0.6	15.7	0.24	0.48	0.12	44	0.12	0.049	6	8.7	0.19	76.9	0.026	<1	1.01	0.007	0.04	<0.1	1.8	0.03	<0.02	34	<0.1	<0.02	5.2	0.87	<0.1	0.03	1	7.7	0.6	<0.05	0.5	2.21	11.6	0.03	<1	<0.1	11.4	<10	<2
SHB1050119	0.6	8.8	0.21	0.35	0.15	45	0.08	0.091	5.8	9.5	0.12	69.4	0.01	<1	1.39	0.009	0.05	<0.1	1.9	0.05	<0.02	30	0.1	<0.02	5.1	1.03	<0.1	<0.02	0.32	6.9	0.4	<0.05	0.9	1.76	10.9	0.04	<1	0.2	9.4	<10	<2
SHB1050120	0.7	29	0.22	0.79	0.11	50	0.19	0.035	6.8	12.4	0.28	104.7	0.044	1	1.08	0.009	0.04	<0.1	2.6	0.02	<0.02	25	0.2	<0.02	3.4	0.56	<0.1	0.02	0.3	3.8	0.3	<0.05	0.7	3.95	13.7	0.02	<1	0.4	6.4	<10	<2
SHB1050121	0.4	15.2	0.15	0.3	0.12	27	0.13	0.019	6.5	6.7	0.16	58.8	0.036	<1	0.73	0.008	0.03	<0.1	1.7	0.03	<0.02	16	<0.1	<0.02	3.2	0.67	<0.1	<0.02	0.34	6.3	0.4	<0.05	0.1	2.83	12.8	0.02	<1	0.2	4.9	<10	<2
SHB1050122	0.7	20.2	0.24	0.67	0.13	45	0.17	0.051	6.3	13.1	0.32	106	0.014	<1	1.33	0.007	0.04	<0.1	2.6	0.03	<0.02	21	<0.1	<0.02	4	0.82	<0.1	<0.02	0.29	7.1	0.4	<0.05	0.3	3.01	13	0.04	<1	0.3	11.1	<10	<2
SHB1050123	0.2	15.2	0.19	0.48	0.15	38	0.12	0.042	6.5	8.3	0.15	57.3	0.016	<1	0.81	0.008	0.04	<0.1	1.5	0.03	<0.02	40	<0.1	<0.02	3.6	0.66	<0.1	<0.02	0.31	7.1	0.4	<0.05	0.1	1.93	12.9	0.03	<1	0.1	5	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1050124	603342	6072293	947	B	15	Gentle	Brn/Red	0	NA	Conif	2.5	20-Jul-11	AC/AG	Line 8	0.83	10.86	8.87	143.6	305	9.5	6.9	246	3.02	11.4	0.2	0.6
SHB1050125	603355	6072349	952	B	10	Flat	Brn/Red	5	subrnd	Conif	2.5	20-Jul-11	AC/AG	Line 8	1.52	12.23	13.65	145.3	237	5.4	6.4	341	3.29	43	0.2	1.1
SHB1050126	603854	6072404	951	b	10	flat	red brn	<5	subrnd	Conif	<5	20-Jul-11	AC/AG	Line 8	1.89	13.53	15.38	148	714	5.3	5.4	338	3.32	61.5	0.2	1
SHB1050127	603451	6072397	966	B	15	Flat	Brn	2.5	subrnd	Conif	2.5	20-Jul-11	AC/AG	Line 9	1.05	18.46	8.7	82.7	129	13.6	9.2	468	2.84	11.5	0.2	1.3
SHB1050128	603453	6072347	950	B	25	Flat	Gry/Brn	0	NA	Conif	0	20-Jul-11	AC/AG	Line 9 clay rich, close to bog	1.19	42.89	14.26	129.7	461	15.9	10.3	876	3.32	32.1	0.4	2.1
SHB1050129	603448	6072306	958	B	20	Flat	L Brn	0	NA	Conif	5	20-Jul-11	AC/AG	Line 9	0.84	13.39	6.32	83.8	57	11.1	5.7	233	2.76	10.6	0.2	0.7
SHB1050130	603445	6072249	953	B	20	Flat	L Brn	5	subrnd	Conif	5	20-Jul-11	AC/AG	Line 9	1.27	14.16	10.93	187.8	152	9.2	8.8	265	3.03	19.9	0.2	1.6
SHB1050131	603473	6072191	943	B	33	Flat	L Brn	0	NA	Conif	5	20-Jul-11	AC/AG	Line 9 next to creek	2.01	22.37	9.35	77.2	134	8.1	6.5	196	3.54	50.2	0.2	1.4
SHB1050134	604252	6071901	967	B	15	gentle	red brn	5	Ang	Mixed	5	22-Jul-11	AC/AR	next to creek,line 17	1.6	11.44	17.71	111.3	109	6.9	5.2	221	2.45	31.2	0.1	6.3
SHB1050135	604252	6071958	980	B	17	gentle	light brn	7	Ang	Mixed	1	22-Jul-11	AC/AR	line 17	0.89	8.42	11	59.4	90	6.2	4.3	148	2.13	10.3	0.1	1.2
SHB1050136	604250	6072001	994	B	10	medium	red brn	5	subang	Conif	5	22-Jul-11	AC/AR		2.01	23.97	18.52	106.9	195	14.6	14.6	753	5.35	19.3	0.2	10.6
SHB1050137	604252	6072047	1000	B		gentle	med brn	8	Ang	Mixed	9	22-Jul-11	AC/AR	burn	0.76	10.03	11.79	139.9	121	8.4	8.5	467	2.46	16.1	<0.1	1.7
SHB1050138	604247	6072108	1011	B	15	gentle	med red brn	5	subang	Mixed	5	22-Jul-11	AC/AR	Average of SHB1050139 & SHB1050138	1.57	9.3	11.845	84.5	108	8.65	5	179.5	2.51	22.15	0.1	17.35
SHB1050140	604246	6072152	1017	B	10	gentle	grey brn	1	subrnd	Mixed	4	22-Jul-11	AC/AR	clay rich	1.82	56.8	20.76	156.9	286	26.6	16.8	824	4.4	24.7	0.5	2
SHB1050141	604252	6072198	1017	B	20	gentle	brn grey	3	subang	Mixed	7	22-Jul-11	AC/AR	burn,clay rich	0.74	17.34	6.95	81.7	88	16	8.4	270	2.63	7.7	0.2	9.8
SHB1050142	604257	6072249	1026	B	15	gentle	brn grey	10	Ang	Mixed	5	22-Jul-11	AC/AR	burn,clay rich	0.59	4.04	5.65	32.4	21	2.6	1.6	72	1.38	6.5	<0.1	1.2
SHB1050143	604257	6072302	1029	B	17	gentle	brn grey	5	subang	Mixed	5	22-Jul-11	AC/AR	burn	1.43	11.89	6.41	127.1	85	15.7	12.2	435	3.11	8.8	0.1	1.2
SHB1050144	604247	6072349	1035	B	30		rusty brn	10	subang	Mixed	7	22-Jul-11	AC/AR	burn	3.91	13.32	11.39	142.9	101	9.5	4.9	190	4.2	26.5	<0.1	1.4
SHB1050145	604251	6072398	1048	B	20	medium	rusty brn	10	Ang	Mixed	7	22-Jul-11	AR/AC	top of line 17,burn,next to creek	2.12	8.72	7.65	53.9	60	3.2	2.9	112	3.05	16.8	<0.1	2.3
SHB1050146	604151	6072393	1037	B	15	gentle	rusty brn	25	Ang	Mixed	5	22-Jul-11	AC/AR	subcrop	2.31	7.45	6.68	100.4	96	3.8	3.9	188	2.87	15.1	<0.1	1
SHB1050147	604159	6072347	1033	B	15	gentle	light red brn	10	subang	Mixed	3	22-Jul-11	AC/AR		0.91	7.07	6.62	109.4	80	3.8	2.8	158	2.59	11.8	<0.1	0.7
SHB1050148	604152	6072299	1019	B	9	gentle	red brn	5	subang	Mixed	3	22-Jul-11	AC/AR		0.77	7.8	9.45	69	137	6.3	5.3	175	2.99	11.6	0.1	0.9
SHB1050149	604156	6072246	1007	B	15	gentle	grey brn	5	subrnd	Mixed	3	22-Jul-11	AC/AR	moved off line due to old road	0.7	4.37	3.71	24.1	20	1.7	1.1	52	1.44	5.7	<0.1	0.6
SHB1050150	604154	6072195	999	B	20	gentle	rusty brn	5	subrnd	Mixed	2	22-Jul-11	AC/AR	adjacent to stream clay rich	3.16	25.38	21.06	113.4	154	11.8	11.8	524	3.67	55.1	0.3	1.4
SHB1050151	603852	6072149	978	B	15	0	greyish brn	15	subrnd	Conif	7	22-Jul-11	BA/AG	rusty lenses	2.68	7.99	8.21	89.5	129	6.1	6	275	2.9	15.2	0.1	1.1
SHB1050152	603848	6072203	982	B	20	5	dark brn	15	subang	Conif	5	22-Jul-11	BA/AG		1.49	13.71	5.44	52.1	236	2.3	1.3	104	1	5.6	<0.1	<0.2
SHB1050153	603854	6072252	983	B	30	0	light brn	10	subrnd-subang	Mixed	5	22-Jul-11	BA/AG		2.84	4.34	10.57	138.6	172	2.3	3.9	204	2.32	10.8	0.1	1.4
SHB1050154	603852	6072299	996	B	10	0	light brn	5	subrnd-subang	Conif	5	22-Jul-11	BA/AG		0.68	11.35	7.25	76.4	93	5.3	6.7	432	1.89	7.7	0.1	1
SHB1050155	603853	6072350	998	B	25	0	dark brn	5	subang	Conif	10	22-Jul-11	BA/AG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050156	603843	6072401	999	B	15	0	light brn	10	subang	Mixed	5	22-Jul-11	BA/AG	before river,moved because of rocks	0.56	5.9	12.48	87.3	105	2.4	2.5	175	2.65	9.4	0.1	0.8
SHB1050157	603958	6072402	1021	B	34	0	rusty brn	25	Subang-subrnd	Mixed	5	22-Jul-11	AG/BA		0.73	11.92	12.32	172.9	316	3.5	7	472	2.24	7.7	0.1	1.4
SHB1050158	603955	6072347	1002	B	25	0	rusty brn	10	subang	Mixed	3	22-Jul-11	AG/BA		0.73	11.54	6.1	66.7	119	7.9	4.5	190	3.04	11.8	0.1	0.9
SHB1050159	603954	6072298	1000	B	30	0-5	greyish brn	30	subang	Conif	3	22-Jul-11	AG/BA		0.89	11.63	7.11	78.5	176	1.6	2.2	161	1.32	6.3	<0.1	0.7
SHB1050160	603958	6072238	994	B	15	0-5	light brn	20	subrnd	Conif	10	22-Jul-11	AG/BA	±7m	2.09	9.02	10.75	155.9	121	6.2	5.2	245	2.92	21.3	0.1	4
SHB1050161	603954	6072205	985	B	10	0-5	light brn	10	subang	Mixed	3	22-Jul-11	AG/BA	±5m	1.02	12.61	8.13	97	52	16.2	8.9	254	3.41	16.8	0.2	0.8
SHB1050162	603951	6072144	975	B	15	0	grey brn	5	subang	Mixed	0	22-Jul-11	AG/BA	±6m,minor rusty lenses	0.88	16.76	8.63	69.6	138	11.4	6.9	408	3.71	12.6	0.2	1.6
SHB1050163	603948	6072107	967	B	15	0	grey brn	10	subrnd	Mixed	10	22-Jul-11	AG/BA	±8m,minor rusty lenses	0.97	15.39	11.58	77.8	101	11	6.6	257	3.13	16.4	0.2	1.4
SHB1050164	603945	6072050	972	B	10	0	grey brn	25	Subang-subrnd	Conif	10	22-Jul-11	AG/BA	±5m	1.24	22.5	13.21	64.8	57	9.5	7.8	381	3.72	14.9	0.2	1.1
SHB1050165	603950	6071995	952	B	15	0	rusty brn	15	Subang-subrnd	Conif	10	22-Jul-11	AG/BA	±8m	0.84	14.85	11.99	108.4	249	16.9	11.9	312	3.43	15.5	0.2	1.1
SHB1050166	603958	6071955	944	B	10	0	grey brn	10	subang	Mixed	5	22-Jul-11	AG/BA	±5m	4	15.08	9.03	96.8	173	10.8	8.1	316	3.54	54.8	0.2	0.8
SHB1050167	603945	6071906	947	B	15	0	rusty brn	10	subrnd	Mixed	5	22-Jul-11	AG/BA	±7m	2.49	7.76	7.87	52.5	177	3	2.4	125	1.82	29.7	<0.1	0.7
SHB1050168	604056	6071903	946	B	10	0	light brn	5	subrnd-subang	Conif	3	22-Jul-11	BA/AG		0.87	9.48	10.81	72.5	161	6.5	4	163	2.65	14.9	0.2	0.8
SHB1050169	604051	6071950	958	B	25	0-5	light rusty brn	10	Subang-subrnd	Conif	10	22-Jul-11	BA/AG		0.61	6.29	9.01	50.9	66	5.8	4	139	2.68	10.3	0.1	1
SHB1050170	604051	6072003	969	B	20	0-5	light brn	15	Subang-subrnd	Conif	10	22-Jul-11	BA/AG		1.95	12.38	8.47	92.1	376	5.8	4.2	173	3.05	27	0.1	156.4
SHB1050171	604052	6072057	965	B	34	5	light yellw brn	3	subang	Mixed	10	22-Jul-11	BA/AG	moved due to creek	3.08	21.47	14.34	89.4	269	9.9	7.9	539	3.36	79.4	0.3	0.5
SHB1050172	604049	6072100	979	B	15	10	light brn	5	Subang-subrnd	Conif	10	22-Jul-11	BA/AG		0.69	8.01	5.53	57.5	99	5	3.7	156	2.07	9.6	<0.1	1
SHB1050173	604052	6072149	991	B	20	0	light brn	5	Subang-subrnd	Conif	10	22-Jul-11	BA/AG		0.88	24.57	11.13	66	246	13.2	11.5	671	2.83	15.2	0.3	1.6
SHB1050174	604049	6072199	1005	B	20	0	light brn	10	Subang-subrnd	Conif	10	22-Jul-11	BA/AG		0.52	5.18	5.88	47.1	39	3.1	2.2	112	1.44	7.9	0.1	0.7
SHB1050175	604054	6072251	1019	B	15	10	rusty brn	5	subang	Conif	5	22-Jul-11	BA/AG		0.94	7.94	8.28	152.1	142	5.9	5.7	280	2.96	14.2	0.1	3.4

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1050124	0.7	10.8	0.35	0.86	0.13	44	0.09	0.047	5.5	11.5	0.37	69.4	0.007	<1	1.75	0.003	0.03	<0.1	2.7	0.03	<0.02	31	0.1	0.03	4.4	0.76	<0.1	0.02	0.27	5.9	0.3	<0.05	0.8	2.71	11.1	0.05	<1	0.2	16.6	<10	<2
SHB1050125	0.5	13.1	0.61	1.66	0.33	51	0.17	0.062	4.7	9.6	0.37	66.7	0.03	2	1.56	0.007	0.05	0.1	3	0.06	<0.02	32	0.2	<0.02	5.2	1.6	<0.1	<0.02	0.31	8.7	0.3	<0.05	0.6	3.73	9.3	0.06	<1	0.3	14.2	<10	<2
SHB1050126	0.6	10.2	0.4	1.84	0.49	57	0.11	0.034	5.1	10.8	0.39	68.7	0.028	1	1.59	0.006	0.05	<0.1	3.2	0.09	<0.02	33	<0.1	0.03	5.5	2.05	<0.1	<0.02	0.3	7.2	0.4	<0.05	0.7	3.16	10.3	0.08	<1	<0.1	13	<10	<2
SHB1050127	0.8	26.6	0.21	0.51	0.15	42	0.27	0.028	7.8	15.7	0.37	84.1	0.004	<1	1.49	0.008	0.05	<0.1	3.4	0.03	<0.02	34	0.2	<0.02	4.2	0.6	<0.1	<0.02	0.24	5.9	0.3	<0.05	0.5	5.96	15.3	0.04	<1	0.2	14.3	<10	<2
SHB1050128	0.8	40	0.69	0.68	0.54	45	0.59	0.053	8.4	15.8	0.42	142.5	0.004	<1	2.2	0.011	0.09	<0.1	5.7	0.08	0.02	51	0.4	<0.02	5.9	1.18	<0.1	0.04	0.37	8.4	0.4	<0.05	1.4	11.24	19.3	0.07	<1	0.4	16.7	<10	<2
SHB1050129	0.8	16.3	0.27	0.45	0.12	39	0.18	0.016	7.4	13.3	0.39	70	0.005	<1	1.44	0.005	0.05	<0.1	2.7	0.02	<0.02	31	<0.1	<0.02	3.8	0.44	<0.1	<0.02	0.17	6	0.3	<0.05	0.5	2.67	14.3	0.03	<1	0.3	16.8	<10	<2
SHB1050130	0.7	11.4	0.45	0.54	0.27	42	0.15	0.113	5.7	11.9	0.35	68.3	0.007	<1	1.94	0.007	0.08	<0.1	2.9	0.09	<0.02	20	0.3	<0.02	5.3	2.17	<0.1	<0.02	0.23	10.8	0.3	<0.05	0.3	3.24	11	0.04	<1	0.4	19.4	<10	<2
SHB1050131	0.7	6.8	0.19	0.51	0.19	36	0.1	0.026	5.8	12.1	0.34	40.7	0.001	<1	1.73	0.006	0.06	<0.1	3.1	0.05	<0.02	23	0.1	0.03	3.9	2.07	<0.1	<0.02	0.06	7.7	0.3	<0.05	0.3	3.94	11.5	0.05	<1	0.2	16.2	<10	<2
SHB1050134	0.6	9.4	0.28	1.48	0.3	38	0.08	0.015	7.7	9.8	0.27	40.1	0.006	<1	1.1	0.007	0.04	<0.1	2.6	0.06	<0.02	41	0.1	<0.02	3.9	1.11	<0.1	<0.02	0.35	8.3	0.2	<0.05	0.6	2.36	14.6	0.05	<1	0.1	15.3	<10	<2
SHB1050135	0.8	17.6	0.14	0.46	0.12	34	0.18	0.016	10.9	9.2	0.22	47.9	0.002	<1	1.06	0.007	0.05	<0.1	1.8	0.03	<0.02	36	<0.1	0.02	3.4	0.6	<0.1	<0.02	0.19	7.5	0.3	<0.05	0.3	1.71	20.8	0.03	1	<0.1	11.4	<10	<2
SHB1050136	0.9	23.8	0.24	0.72	0.18	66	0.2	0.033	10.4	16.4	0.59	107.3	0.002	<1	2.21	0.011	0.06	<0.1	3.6	0.04	<0.02	39	0.2	0.05	5.9	0.68	<0.1	<0.02	0.32	6.2	0.4	<0.05	0.9	5.31	20.2	0.05	<1	0.3	20.3	<10	<2
SHB1050137	0.5	15.7	0.38	0.5	0.13	37	0.19	0.027	6.8	11.4	0.22	94.7	0.001	1	1.04	0.008	0.09	<0.1	1.8	0.04	<0.02	25	0.1	<0.02	4.1	0.4	<0.1	<0.02	0.55	9.5	0.4	<0.05	0.4	1.26	13	0.03	<1	0.2	11.1	<10	<2
SHB1050138	0.7	16.3	0.195	0.81	0.195	36	0.22	0.014	9	10	0.245	50.35	0.001	<1	1.04	0.0055	0.04	<0.1	1.85	0.04	<0.02	21	0.1	0.05	3.55	0.44	<0.1	<0.02	0.18	6.65	0.2	<0.05	0.35	1.58	17.75	0.05	2	0.15	10.45	<10	<2
SHB1050140	1.2	34.4	0.34	0.59	0.24	40	0.63	0.05	13.9	19	0.32	125.8	<0.001	<1	2.04	0.01	0.06	<0.1	6.3	0.07	<0.02	47	0.3	0.05	5.4	1.21	<0.1	0.05	1.05	9.7	0.5	<0.05	1.5	14.74	20.7	0.09	<1	0.5	31.6	<10	<2
SHB1050141	0.7	23.6	0.1	0.21	0.1	31	0.32	0.02	11	15.2	0.35	79.7	<0.001	<1	1.59	0.008	0.05	<0.1	3.2	0.05	<0.02	21	0.1	<0.02	3.9	0.61	<0.1	<0.02	0.31	7	0.3	<0.05	0.5	5.3	19.3	0.04	<1	0.2	23	<10	<2
SHB1050142	0.5	7	0.07	0.24	0.08	31	0.11	0.018	10.8	5.5	0.07	38.8	<0.001	<1	0.67	0.007	0.06	<0.1	1	0.04	<0.02	15	0.1	<0.02	3.3	0.3	<0.1	<0.02	0.29	4.4	0.3	<0.05	0.2	1.22	20.6	<0.02	<1	<0.1	2.3	<10	<2
SHB1050143	0.6	15.6	0.16	0.34	0.13	35	0.47	0.032	8.3	17.4	0.34	68.6	<0.001	<1	1.54	0.008	0.05	<0.1	2.3	0.04	<0.02	25	0.1	<0.02	4.4	0.6	<0.1	<0.02	0.51	7.3	0.4	<0.05	0.5	2.89	15.3	0.04	<1	0.1	23.7	<10	<2
SHB1050144	0.5	6	0.28	0.81	0.24	44	0.11	0.039	4	12.7	0.21	55.8	0.001	<1	1.33	0.005	0.04	<0.1	1.9	0.05	0.02	38	0.2	0.04	5.3	0.65	<0.1	<0.02	1.36	6.7	0.4	<0.05	0.7	1.55	7.7	0.04	<1	0.1	17.4	<10	<2
SHB1050145	0.4	5.9	0.17	0.63	0.18	41	0.08	0.024	5.4	7.9	0.1	55.4	<0.001	<1	0.92	0.007	0.05	<0.1	1.3	0.05	<0.02	18	0.2	0.02	4.5	0.71	<0.1	<0.02	0.24	9	0.3	<0.05	0.3	1.05	10.3	0.03	<1	0.1	8.2	<10	<2
SHB1050146	0.2	7.1	0.12	0.56	0.25	44	0.24	0.036	3.1	8.8	0.21	29.3	0.007	2	1.01	0.007	0.06	0.2	2.1	0.07	0.03	21	<0.1	0.03	5.6	1.78	<0.1	<0.02	1.03	12.3	0.4	<0.05	0.2	1.69	6.2	0.04	<1	0.1	17.2	<10	<2
SHB1050147	0.4	6.7	0.19	0.48	0.13	35	0.13	0.042	6.6	9	0.21	49.9	0.001	<1	0.95	0.005	0.06	<0.1	1.5	0.04	<0.02	18	0.1	<0.02	4.4	0.33	<0.1	<0.02	0.7	5.9	0.3	<0.05	0.2	1.1	12.4	0.03	<1	<0.1	10.6	<10	<2
SHB1050148	0.5	7.4	0.07	0.42	0.12	44	0.08	0.019	6.1	10.9	0.24	77.9	0.002	<1	1.37	0.006	0.04	<0.1	2	0.05	<0.02	20	0.1	<0.02	4.8	0.79	<0.1	<0.02	0.42	7.4	0.3	<0.05	0.6	1.63	11.7	0.04	1	0.2	18.3	<10	<2
SHB1050149	0.4	11.1	0.04	0.29	0.08	36	0.09	0.022	9.4	5	0.05	37.1	0.002	1	0.52	0.006	0.04	<0.1	0.9	0.04	<0.02	10	0.1	<0.02	3.7	0.59	<0.1	<0.02	0.51	5.8	0.3	<0.05	<0.1	0.95	17.3	0.02	<1	<0.1	1.6	<10	<2
SHB1050150	0.9	45.1	0.31	0.44	0.36	52	0.54	0.033	6.1	18.4	0.27	91.3	0.001	<1	1.89	0.008	0.06	<0.1	4.5	0.08	<0.02	44	0.2	0.05	5.9	1.22	<0.1	0.02	0.83	9.4	0.4	<0.05	1	4.28	15.8	0.08	<1	0.4	26.7	<10	<2
SHB1050151	0.3	13	0.16	0.28	0.14	41	0.33	0.021	3.5	12.8	0.53	49.3	0.005	<1	1.85	0.008	0.07	<0.1	3.4	0.14	<0.02	22	0.1	0.02	6.2	2.73	<0.1	<0.02	0.21	11.7	0.3	<0.05	0.2	3.25	6.6	0.03	<1	0.2	29.8	<10	<2
SHB1050152	<0.1	15	1.08	0.25	0.17	25	0.35	0.029	4.3	6.5	0.08	47	0.022	7	0.41	0.012	0.06	0.1	1	<0.02	0.04	39	<0.1	<0.02	2.9	2.32	<0.1	<0.02	0.53	11.4	0.3	<0.05	<0.1	1.64	8.1	<0.02	<1	0.1	1.8	<10	<2
SHB1050153	0.3	16.9	0.37	0.55	0.23	50	0.38	0.021	4.4	6.8	0.21	29.1	0.028	2	1.13	0.011	0.1	0.2	2.1	0.22	<0.02	22	<0.1	0.02	7	3.27	<0.1	<0.02	0.71	14.7	0.5	<0.05	<0.1	2.68	8.3	0.02	<1	0.2	17.5	<10	<2
SHB1050154	0.5	52	0.19	0.33	0.18	29	0.4	0.027	5	7.9	0.17	65.4	0.004	1	0.99	0.011	0.05	0.1	2	0.07	<0.02	34	0.1	<0.02	3.7	1.41	<0.1	<0.02	0.4	10.2	0.3	<0.05	0.2	3.69	9.3	0.03	<1	0.2	15.6	<10	<2
SHB1050155	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050156	0.3	5.3	0.22	0.46	0.42	51	0.14	0.128	3	7.1	0.2	30.5	0.023	2	1.23	0.009	0.07	0.2	2.6	0.18	<0.02	31	<0.1	0.04	8.1	3.21	<0.1	<0.02	0.44	12.1	0.4	<0.05	0.1	2.46	5.9	0.02	<1	0.2	14.6	<10	<2
SHB1050157	0.4	10.2	0.69	0.53	0.34	38	0.19	0.104	4.4	8.4	0.23	62.2	0.029	2	1.43	0.009	0.11	0.2	2.8	0.18	<0.02	45	<0.1	0.04	7.9	4.11	<0.1	<0.02	0.9	19.7	0.6	<0.05	<0.1	3.12	8.6	0.03	<1	0.3	24.1	<10	<2
SHB1050158	0.7	7.5	0.11	0.48	0.13	36	0.08	0.022	7.5	11.4	0.27	55	0.003	<1	1.41	0.005	0.05	<0.1	2.2	0.05	<0.02	29	<0.1	0.03	4	0.92	<0.1	<0.02	0.43	7.4	0.3	<0.05	0.6	1.68	14.1	0.04	<1	0.2	19.7	<10	<2
SHB1050159	0.3	9.3	0.36	0.32	0.16	27	0.22	0.026	4.5	5	0.13	36.9	0.017	2	0.67	0.007	0.08	<0.1	1.7	0.1	<0.02	20	<0.1	<0.02	4.4	1.4	<0.1	<0.02	0.42	13.9	0.4	<0.05	<0.1	2.12	8.5	<0.02	<1	0.1	6.4	<10	<2
SHB1050160	0.3	11.3	0.18	0.62	0.2	41	0.2	0.044	3.3	10	0.29	34.9	0.008	1	1.45	0.006	0.08	<0.1	2.6	0.11	0.02	34	0.1	0.04	6.5	3.28	<0.1	<0.02	0.65	17.4	0.3	<0.05	0.1	2.27	6.3	0.04	<1	0.2	22.7	<10	<2
SHB1050161	0.7	13.1	0.1	0.53	0.11	40	0.12	0.022	7.8	14.8	0.38	60.6	0.002	<1	1.69	0.005	0.04	<0.1	2.8	0.04	<0.02	21	<0.1	0.02	4.2	0.83	<0.1	<0.02	0.19	7.3	0.3	<0.05	0.5	2.14	14.9	0.04	<1	0.3	29.6	<10	<2
SHB1050162	0.8	22	0.11	0.34	0.11	38	0.28	0.024	7.3	18.4	0.54	63.3	0.003	<1	1.9	0.008	0.05	<0.1	4.2	0.05	<0.02	32	<0.1	0.03	5	0.9	<0.1	0.03	0.18	5.9	0.3	<0.05	0.7	6.77	14.6	0.05	<1	0.3	35	<10	<2
SHB1050163	0.9	22.7	0.14	0.46	0.13	37	0.34	0.027	7.2	15.3	0.39	71.4	0.002	1	1.58	0.008	0.05	<0.1	3.6	0.06	0.02	36	0.1	0.02	4.4	0.93	<0.1	<0.02	0.3	6.8	0.3	<0.05	0.6	4.97	14.5	0.05	<1	0.2	26	<10	<2
SHB1050164	0.8	20.5	0.09	0.38	0.12	33	0.26	0.03	7.4	15.3	0.4	68.1	0.001	<1	1.58	0.006	0.07	<0.1	4	0.04	0.03	33	0.2	0.02	4.2	0.77	<0.1	<0.02	0.14	4.9	0.3	<0.05	0.5	4.93	14.5	0.05	<1	0.2	22.2	<10	<2
SHB1050165	1	11.2	0.18	0.41	0.11	43	0.12	0.025	8.6	16.5	0.34	64.1	0.002	<1	1.94	0.006	0.06	<0.1	2.9	0.05	<0.02	20	0.1	0.04	4.7	0.93	<0.1	<0.02	0.14	8.9	0.3	<0.05	0.7	2.61	16	0.04	<1	0.3	21.8	<10	<2
SHB1050166	0.7	25.4	0.15	0.47	0.16	43	0.32	0.022	7.6	15.4	0.44	80	0.001	<1	1.96	0.008	0.06	<0.1	3.6	0.07	<0.02	28	0.1	0.02	5	1.73	<0.1	<0.02	0.13	10.7	0.3	<0.05	0.3	4.84	13.8	0.05	<1	0.1	34	<10	<2
SHB1050167	0.4	4.9	0.14	0.38	0.15	33	0.09	0.024	7.6	6.9	0.15	51.2	0.004	1	0.98	0.006	0.04	<0.1	1.6	0.07	<0.02	36	0.1	<0.02	4.6	1.38	<0.1	<0.02	0.3	9.1	0.3	<0.05	<0.1	1.64	14.2	0.03	<1	0.1	9	<10	<2
SHB1050168	0.8	5.8	0.12	0.55	0.11	44	0.03	0.017	10.2	10.3	0.22	55.2	0.007	<1	1.19	0.006	0.03	<0.1	2.3	0.05	<0.02	20	<0.1	0.03	4.7	1.1	<0.1	<0.02	0.3	7	0.3	<0.05	0.5	2.05	18.6	0.03	<1	0.1	13.9	<10	<2
SHB1050169	0.7	9.8	0.13	0.45	0.11	45	0.06	0.024	10.6	9.9	0.16	63.9	0.003	<1	1.04	0.007	0.05	<0.1	1.7	0.05	<0.02	18	<0.1	0.02	5.2	0.77	<0.1	<0.02	0.3	9.6	0.4	<0.05	0.3	1.59	19.8	0.02	<1	<0.1	7.4	<10	<2
SHB1050170	0.6	10.4	0.29	0.97	0.18	44	0.1	0.031	7.2	9.4	0.22	54.4	0.002	1	1.2	0.005	0.05	<0.1	2.1	0.05	<0.02	30	<0.1	0.04	5.2	1.1	<0.1	<0.02	0.63	10.2	0.4	<0.05	0.3	2.1	13.3	0.05	<1	0.1	15	<10	<2
SHB1050171	0.5	120.2	0.34	0.62	0.22	44	1.1	0.049	7.2	15.8	0.31	83.5	0.001	<1	1.7	0.01	0.06	<0.1	3.9	0.08	0.05	63	0.5	<0.02	5.3	2.28	<0.1	0.03	0.26	11.6	0.3	<0.05	0.5	7.51	12.7	0.05	1	0.4	42	<10	<2
SHB1050172	0.4	14.2	0.1	0.29	0.08	29	0.24	0.021	6.3	8.2	0.19	49	0.002	<1	0.91	0.005	0.06	<0.1	1.6	0.03	<0.02	24	0.1	0.02	3.4	0.63	<0.1	<0.02	0.5	5.2	0.3	<0.05	0.3	2.38	10.7	0.02	<1	0.1	19	<10	<2
SHB1050173	0.6	42.5	0.17	0.38	0.13	34	0.87	0.039	10	16	0.33	80.5	0.003	<1	1.68	0.011	0.05	<0.1	5.6	0.07	0.03	56	0.1	0.04	4.2	1.6	<0.1	0.03	0.38	8.1	0.3	<0.05	0.6	16.13	18.6	0.06	1	0.4	34.9	<10	<2
SHB1050174	0.4	14.7	0.09	0.32	0.12	30	0.29	0.015	6.9	6.2	0.13	32.3	0.007	1	0.65	0.007	0.05	<0.1	1.5	0.04	<0.02	13	0.1	<0.02	3.7	0.88	<0.1	<0.02	0.55	7.1	0.3	<0.05	0.2	1.88	12.2	<0.02	<1	<0.1	6.9	<10	<2
SHB1050175	0.4	14.2	0.21	0.45	0.19	41	0.23	0.037	5.3	10.9	0.22	80	0.005	<1	1.33	0.007	0.07	<0.1	2.2	0.06	<0.02	38	0.2	<0.02	4.9	1.28	<0.1	<0.02	0.59	8.5	0.4	<0.05	0.2	1.68	9.4	0.03	<1	0.2	19.1	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1050176	604051	6072299	1015	B	10	10	light brn	3	Subang-subrnd	Conif	4	22-Jul-11	BA/AG		1.09	10.63	8.93	127.8	59	8.2	5.9	227	3.39	19	0.1	0.5
SHB1050177	604052	6072348	1024	B	20	0-5	rusty brn	10	Subang-subrnd	Conif	3	22-Jul-11	BA/AG		1.16	10.44	7.21	96.4	67	8.5	6	293	2.63	18.2	0.1	0.6
SHB1050178	604052	6072398	1031	B	25	10	rusty red brn	10	subrnd-subang	Mixed	5	22-Jul-11	BA/AG		1.09	9.97	11.62	149.1	187	2.8	4.3	260	1.95	14.3	0.1	1.2
SHB1050179	602649	6071906	912	B	34	0	light grey-brn	0	-	Mixed	5	22-Jul-11	BA/AG	moved north because of wet ground,just off stream	1.61	39.01	26.59	141	411	11.5	10.9	962	3.38	32	0.5	4.8
SHB1050180	602650	6071949	911	B	13	0	dark brn	2	subang	Conif	5	23-Jul-11	BA/AG		1.83	33.3	23.61	127	261	11.9	10.4	921	3.07	28.4	0.4	3.5
SHB1050181	602653	6072002	915	B	10	0	light brn	10	Subang-subrnd	Mixed	5	23-Jul-11	BA/AG		1.79	39	22.87	173.3	384	11.4	10.4	819	3.53	40.7	0.4	2.1
SHB1050184	602648	6072052	922	B	10	0	rusty red brn	15	subang	Conif	5	23-Jul-11	BA/AG	Average of SHB1050185 & SHB1050184	1.565	7.705	12.385	83.85	185	4.4	3.7	167	3.1	18.8	0.15	3.3
SHB1050186	602652	6072103	939	B	10	0	rusty red brn	20	subrnd	Conif	4	23-Jul-11	BA/AG		1.39	8.15	16.86	200	401	5.5	6.2	279	3.95	23.1	0.2	1.8
SHB1050187	602650	6072149	939	B	15	0	rusty red brn	5	Subang-subrnd	Conif	5	23-Jul-11	BA/AG		2.02	15.66	12.67	111.1	176	7.6	7.6	490	3.46	42.3	0.2	1.6
SHB1050188	602649	6072200	946	B	20	5	light rusty brn	5	subrnd-subang	Conif	10	23-Jul-11	BA/AG		1.12	9.5	11.46	150.6	171	7.6	7.6	292	2.9	18	0.2	2.4
SHB1050189	602652	6072250	948	B	30	0	light brn	10	subrnd-subang	Conif	10	23-Jul-11	BA/AG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050190	602650	6072303	951	B	10	0-5	light brn	2	subang	Conif	5	23-Jul-11	BA/AG		1.16	9.28	15.31	100.7	231	4.5	5.1	181	2.53	14.5	0.1	1.1
SHB1050191	602649	6072353	968	B	15	5	rusty brn	15	subrnd-subang	Conif	10	23-Jul-11	BA/AG		2.48	11.13	8.11	86	258	6.2	4.4	209	3.23	23.5	0.1	0.7
SHB1050192	602649	6072401	972	B	10	0-5	light brn	10	subrnd-subang	Conif	3	23-Jul-11	BA/AG		2.43	8.19	10.49	111.6	164	4	4.3	250	3.91	25.5	0.1	2.9
SHB1050193	602754	6072394	971	B	20	10	dark brn	15	Subang-subrnd	Mixed	7	23-Jul-11	BA/AG		0.96	23	14.14	127.5	424	10.5	8.2	683	3.21	21.1	0.4	2.3
SHB1050194	602750	6072345	957	B	25	0	grey brn	10	subrnd	Conif	3	23-Jul-11	BA/AG	±8m	0.91	11.92	12.98	107.3	203	8.2	8.4	450	2.93	15.7	0.3	1.7
SHB1050195	602751	6072299	952	B	20	0	grey brn	3	subrnd	Conif	0	23-Jul-11	BA/AG	±6m,rusty lenses	1.95	85.93	34.87	208.7	918	14.9	14.2	1566	4.21	50.5	1	2.2
SHB1050196	602758	6072251	946	B	35	0	grey brn	10	subang	Conif	0	23-Jul-11	AG/BA	±6m,rusty lenses	6.11	44.46	22.58	92.1	352	9.9	10.9	1888	6.11	117.8	1.8	1.7
SHB1050197	602753	6072198	942	B	34	0	grey brn	15	Subang-subrnd	Mixed	3	23-Jul-11	AG/BA	±4m	2.01	25.81	17.63	108.7	522	10.7	10.6	1053	3.36	35.3	0.7	2.3
SHB1050198	602750	6072151	925	B	35	0	grey brn	5	subang	Mixed	5	23-Jul-11	AG/BA	±8m	1.68	44.29	15.27	119.4	843	11.1	8.3	1039	3.41	33.6	0.5	2
SHB1050199	602748	6072101	928	B	25	0	rusty brn	0	-	Conif	3	23-Jul-11	AG/BA	±7m	1.47	30.52	18.44	163.8	359	9.9	7.8	822	3.6	35.9	0.4	2.9
SHB1050200	602750	6072049	927	B	15	0	rusty brn	15	subang	Conif	3	23-Jul-11	AG/BA	±5m	1.19	24.82	15.23	126.9	504	7.7	7.5	503	2.83	26.3	0.3	1.3
SHB1050201	602751	6072007	924	B	35	0	grey brn	5	subang	Mixed	5	23-Jul-11	AG/BA	±3m	1.97	101.24	27.25	137.2	1311	15.2	10.5	838	3.8	45.9	0.8	3.9
SHB1050202	602755	6071945	912	B	40	0	dark brn	5	Subang-subrnd	Mixed	5	23-Jul-11	AG/BA	±5m	1.62	41.85	20.94	171.9	668	11.4	10.2	1044	3.18	33.5	0.3	1.2
SHB1050203	602747	6071900	916	B	25	0	grey brn	0	-	Mixed	3	23-Jul-11	AG/BA	±7m	1.94	51.92	13.22	106.4	394	10.5	8.8	1583	2.94	23.2	0.5	1.7
SHB1050204	602849	6071900	921	B	20	0	light brn	-	-	Conif	3	23-Jul-11	AG/BA	rusty lenses	0.72	6.63	6.59	53.3	57	5.1	4.6	287	2.54	7	0.2	0.2
SHB1050205	602849	6071949	912	B	10	0	light brn	0	-	Mixed	3	23-Jul-11	AG/BA		0.75	12.7	12.09	75.8	192	7.5	6.5	438	2.69	6.8	0.3	1.7
Shb1050206	602851	6072001	916	B	20	0	rusty red brn	0	-	Mixed	5	24-Jul-11	AG/BA		1.97	74.46	25.41	165.6	909	12.1	10.8	874	4.13	35.7	0.8	2
SHB1050207	602848	6072052	921	b	15	0	light brn	15	sub ang- sub rnd	CF	4	24-Jul-11	AG/BA		1.93	20.51	17.61	155.2	371	8.1	9.5	1179	3.07	25.1	0.3	0.6
SHB1050208	602851	6072102	930	B	10	0	rusty red brn	15	sub ang- sub rnd	CF	4	24-Jul-11	AG/BA		2.6	7.89	11.49	184.5	274	4.4	5.5	395	4.26	23.8	0.2	0.3
SHB1050209	602852	6072155	929	B	10	0-5	light rusty brn	3	sub ang- sub rnd	CF	4	24-Jul-11	AG/BA		0.97	8.07	6.38	84.5	45	5.6	5.1	287	2.49	7.3	0.2	1.1
SHB1050210	602857	6072202	940	B	34	5	dark brn	0	-	Mixed	7	24-Jul-11	AG/BA	light brn lenses	2.83	51.56	20.15	142.1	1053	17.1	11.5	2395	3.94	29	1.5	2.4
SHB1050211	602852	6072249	940	B	40	0	light brn	0	-	CF	20	24-Jul-11	AG/BA	large A layer	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050212	602851	6072301	953	A?	45	0	black	0	-	Cf	40	24-Jul-11	AG/BA	boggy, deep A layer approx 40cm	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050213	602849	6072352	958	B	10	0	light brn	1	sub ang	CF	5	24-Jul-11	AG/BA		2.1	23.07	12.01	61.5	483	11.1	7.7	927	3.38	20.7	1.5	1.5
SHB1050214	602853	6072403	961	B	50	0	dark brn	0	-	Cf	20	24-Jul-11	AG/BA	next to bog, deep A layer	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050215	602953	6072398	957	B	34	0	grey brn	3	sub ang	CF	0	24-Jul-11	AG/BA	Average of Shb1050216 & Shb1050215	2.375	13.915	15.55	78.45	183.5	7.75	7.9	1142	2.74	23.2	0.3	1.6
Shb1050219	602948	6072352	922	B	34	0	black	0	-	Cf	30	24-Jul-11	BA/AG	± 10m	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050220	602951	6072300	939	B	5	0	rusty red brn	0	-	Mixed	15	24-Jul-11	BA/AG	±7m	1.37	11.75	11.58	63.5	389	6.9	6.4	263	2.84	20.4	0.2	4.1
Shb1050221	602950	6072256	935	B	34	0	rusty brn	20	sub ang- sub rnd	Mixed	5	24-Jul-11	BA/AG	±9m	2.79	26.6	18.56	150.6	522	9.7	9.8	792	3.69	39.6	0.7	2.5
Shb1050222	602949	6072204	929	B	5	0	light brn	5	sub ang	Mixed	10	24-Jul-11	BA/AG	Small A layer ± 6m	0.88	14.67	10.43	68.5	94	8	7.6	544	2.79	13.7	0.3	2.4
Shb1050223	602946	6072146	921	B	34	0	dark brn	0	-	Mixed	10	25-Jul-11	BA/AG	± 7m	2.65	36.71	13.92	106.8	684	10.6	8.1	2019	3.21	27.9	1.6	1.6
Shb1050224	603295	6084395	1206	B	15	Mod steep	light brn	15	sub ang	CF	10	27-Jul-11	AC/BA		0.61	15.36	8.94	97.9	94	13.4	9.1	518	3.31	10.6	0.4	1.3
Shb1050225	603349	6084381	1211	B	20	mod steep	med brn	15	sub ang	CF	15	27-Jul-11	AC/BA		1.08	17.82	11.93	77.6	283	10.6	6.2	513	3.94	12.6	0.4	1.5
Shb1050226	603403	6084405	1205	B	15	mod steep	bred brn	20	sub ang- sub rnd	CF	10	27-Jul-11	AC/BA		0.86	16.86	10.88	87.9	149	11.6	6	302	3.21	11.5	0.4	1.2
Shb1050227	603456	6084401	1206	B	20	mod steep	med brn	15	sub rnd	CF	0	27-Jul-11	AC/BA		1	28.44	13.89	120.3	150	17.1	11.3	1234	3.53	13.3	0.6	1.2
Shb1050228	603500	6084398	1212	B	10	mod steep	med brn	25	sub rnd	CF	5	27-Jul-11	AC/BA		1.25	38.81	13.13	145.6	232	24.2	13.5	1931	3.83	11.8	0.9	0.8
Shb1050229	603549	6084388	1213	B	10	mod steep	red brn	20	sub ang- sub rnd	CF	15	27-Jul-11	AC/BA		1.07	15.95	9.58	70.8	149	9.1	5.6	460	4.56	13.2	0.4	0.8
Shb1050230	603600	6084401	1212	B	15	mod steep	red brn	20	sub rnd	CF	3	27-Jul-11	AC/BA		0.87	13.87	9.14	63.9	77	11.4	5.7	315	4.05	12.1	0.4	2

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1050176	0.6	6.4	0.19	0.63	0.18	41	0.06	0.058	6.4	12.5	0.3	47.8	0.006	2	1.61	0.006	0.05	<0.1	2.7	0.06	<0.02	27	0.1	<0.02	5	1.34	<0.1	<0.02	1.01	9.6	0.4	<0.05	0.6	1.79	11.4	0.04	<1	0.3	25.5	<10	<2
SHB1050177	0.3	9.3	0.15	0.54	0.18	37	0.19	0.044	4.6	10.5	0.31	44.6	0.007	2	1.27	0.006	0.07	<0.1	2.4	0.06	<0.02	38	0.1	0.04	4.8	1.37	<0.1	<0.02	0.54	9.3	0.3	<0.05	<0.1	1.94	8.2	0.03	<1	0.1	23.8	<10	<2
SHB1050178	<0.1	14.9	0.8	0.62	0.38	34	0.29	0.124	3.8	6.4	0.21	46.1	0.037	2	1.13	0.007	0.11	0.2	2.2	0.12	0.02	42	0.2	0.04	6.5	2.41	<0.1	<0.02	0.63	14	0.4	<0.05	<0.1	2.92	7	0.03	<1	0.2	12.3	<10	<2
SHB1050179	1.2	26	0.66	1.03	0.35	58	0.98	0.059	10.9	15.5	0.55	152.8	0.012	2	1.77	0.01	0.07	<0.1	6.3	0.08	0.03	62	1.1	<0.02	5.2	1.13	<0.1	0.04	0.38	6.1	0.5	<0.05	0.9	18.05	20.2	0.09	4	0.5	18.1	<10	<2
SHB1050180	0.8	21.3	0.79	0.91	0.25	52	0.76	0.05	9.1	17.2	0.46	119.4	0.012	2	1.57	0.009	0.06	<0.1	5.1	0.08	0.04	57	0.8	0.03	4.4	1.05	<0.1	<0.02	0.38	6.2	0.4	<0.05	0.7	14.56	18.6	0.06	3	0.4	15.2	<10	<2
SHB1050181	1.2	23.4	0.67	0.97	0.29	59	0.54	0.036	12.4	18.8	0.51	186.3	0.012	1	2.09	0.01	0.09	<0.1	7.6	0.08	<0.02	73	0.4	0.04	5.8	1.34	<0.1	0.05	0.79	9.1	0.5	<0.05	1.4	19.84	26.6	0.06	<1	0.6	16.3	<10	<2
SHB1050184	0.6	8.7	0.29	0.585	0.215	66.5	0.15	0.0505	5.05	8.9	0.18	57.7	0.012	<1	1.11	0.005	0.04	0.1	2.2	0.07	<0.02	56	0.1	<0.02	5.75	0.535	<0.1	<0.02	1.25	5.3	0.65	<0.05	0.3	1.84	10.7	0.04	1	0.25	10.3	<10	<2
SHB1050186	1	5.3	0.51	0.74	0.26	63	0.07	0.167	5.5	11.8	0.27	73.9	0.012	<1	2.71	0.004	0.05	0.1	3.1	0.08	<0.02	80	0.1	0.03	7.7	1.26	<0.1	0.03	2.08	6.7	0.7	<0.05	1.7	2.37	11.4	0.06	<1	0.4	19	<10	<2
SHB1050187	0.7	6.7	0.53	0.75	0.16	56	0.1	0.033	5.1	11.2	0.41	56.4	0.022	1	1.48	0.004	0.05	<0.1	3	0.06	<0.02	42	0.2	0.03	4.8	0.95	<0.1	0.02	0.74	7	0.3	<0.05	1.2	2.5	13.1	0.03	<1	0.3	11.4	<10	<2
SHB1050188	0.7	5.5	0.26	0.4	0.14	54	0.1	0.062	5.7	11.7	0.42	75.4	0.021	2	1.73	0.005	0.04	<0.1	2.7	0.06	<0.02	47	<0.1	<0.02	5.2	0.9	<0.1	<0.02	0.66	6.5	0.4	<0.05	0.7	2.59	12.5	0.04	3	0.2	13.2	<10	<2
SHB1050189	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050190	0.5	9.4	0.47	0.46	0.16	59	0.15	0.026	4.7	8.8	0.21	54.1	0.015	1	1.13	0.007	0.04	<0.1	2.3	0.05	<0.02	26	0.1	<0.02	4.7	1.16	<0.1	<0.02	0.53	6.3	0.4	<0.05	0.2	2.23	10.7	0.02	<1	0.1	11.7	<10	<2
SHB1050191	0.5	7.3	0.35	0.78	0.14	81	0.08	0.033	4.8	12	0.23	39	0.017	1	1.08	0.005	0.04	0.1	2.4	0.04	<0.02	35	0.1	<0.02	5.6	0.71	<0.1	<0.02	0.58	5.1	0.4	<0.05	0.4	1.94	9.9	0.03	1	0.1	11.2	<10	<2
SHB1050192	0.7	4.8	0.26	1	0.21	80	0.05	0.057	4.5	9.2	0.26	45.8	0.047	<1	1.41	0.004	0.04	0.1	3	0.07	<0.02	42	<0.1	0.03	8.4	1.05	<0.1	<0.02	1.14	5.7	0.6	<0.05	1	2.13	9.3	0.03	<1	0.2	13.4	<10	<2
SHB1050193	1.2	19.8	0.53	0.84	0.19	53	0.34	0.02	9.5	13.9	0.41	111.3	0.015	<1	1.9	0.007	0.06	<0.1	7.2	0.1	<0.02	34	0.1	<0.02	4.6	1.37	<0.1	0.04	0.59	8.8	0.4	<0.05	1.8	12.8	26	0.06	<1	0.5	14	<10	<2
SHB1050194	0.7	21.5	0.32	0.65	0.15	56	0.39	0.019	6.8	13.4	0.55	98.2	0.032	1	1.69	0.013	0.06	<0.1	4.5	0.07	<0.02	19	0.2	<0.02	5.3	1.26	<0.1	<0.02	0.45	7.4	0.4	<0.05	1.3	6.76	15.3	0.05	2	0.3	18.4	<10	<2
SHB1050195	1.6	42.8	1.37	1.05	0.44	64	1	0.029	20.6	26.4	0.62	268	0.008	1	3.08	0.013	0.14	<0.1	13.5	0.14	0.02	97	0.6	0.03	8.6	2.09	<0.1	0.13	0.93	14.8	0.6	<0.05	4.1	40.4	32.9	0.09	<1	0.9	26.8	<10	<2
SHB1050196	0.8	38.4	1.28	1.31	0.31	73	0.87	0.046	11.2	18.2	0.46	178.1	0.014	1	1.92	0.01	0.06	<0.1	7.9	0.1	0.03	78	1.1	0.03	6.1	1.14	<0.1	0.1	1.29	6.7	0.5	<0.05	3.4	18.06	20.6	0.07	2	0.6	19.9	<10	<2
SHB1050197	0.9	40.6	0.73	0.77	0.23	53	0.92	0.039	8	18.3	0.49	169.4	0.015	1	1.83	0.014	0.07	<0.1	6.9	0.08	0.03	52	0.5	<0.02	6.1	1.13	<0.1	0.07	0.96	7.5	0.4	<0.05	2.4	12.72	18.1	0.07	<1	0.5	18.4	<10	<2
SHB1050198	0.7	43.9	0.52	0.81	0.3	52	0.94	0.044	16.2	16.2	0.47	198.8	0.012	<1	2.21	0.013	0.08	<0.1	7.1	0.08	0.04	81	0.8	0.02	6.4	1.52	<0.1	0.05	0.88	8.8	0.4	<0.05	2.2	28.5	17.5	0.07	4	0.6	20.8	<10	<2
SHB1050199	1.1	24	0.38	0.87	0.26	62	0.4	0.03	10.6	16.1	0.48	151.4	0.019	1	2.26	0.012	0.08	<0.1	7.2	0.12	<0.02	38	0.3	0.04	5.9	1.39	<0.1	0.05	0.97	10.7	0.5	<0.05	2	13.07	22.7	0.07	2	0.5	15.3	<10	<2
SHB1050200	0.7	16.6	0.4	0.79	0.15	53	0.32	0.022	12.5	11.7	0.41	97.5	0.014	<1	1.44	0.007	0.05	<0.1	4.3	0.06	<0.02	34	0.2	<0.02	4.3	1	<0.1	0.02	0.44	6.8	0.3	<0.05	1.2	13.91	15.4	0.04	<1	0.4	12.5	<10	<2
SHB1050201	1.1	35.5	1.04	1.06	0.31	61	0.79	0.049	21.8	19	0.61	208.7	0.009	<1	2.4	0.009	0.1	0.1	10.5	0.07	0.03	94	0.6	0.04	6.8	1.24	<0.1	0.12	0.96	8.3	0.4	<0.05	3.7	50.68	25.8	0.07	<1	0.8	17	<10	<2
SHB1050202	0.7	32.4	1.29	0.83	0.21	52	0.66	0.048	11.4	15.5	0.46	159.9	0.011	<1	1.81	0.008	0.08	0.1	6.2	0.06	0.03	40	0.3	<0.02	5.2	0.98	<0.1	0.05	1.01	8.3	0.4	<0.05	1.4	19.58	26.4	0.05	2	0.5	13.9	<10	<2
SHB1050203	0.6	31.1	1.05	0.7	0.19	53	0.55	0.042	15	18.1	0.34	169.8	0.025	1	1.57	0.012	0.06	<0.1	6.4	0.06	0.02	47	0.5	<0.02	4.5	1.11	<0.1	<0.02	0.52	6	0.3	<0.05	0.7	21.64	36.9	0.05	<1	0.6	11.3	<10	<2
SHB1050204	0.6	14.4	0.16	0.5	0.07	54	0.16	0.017	3.9	8.1	0.22	73.7	0.045	1	0.85	0.007	0.04	<0.1	2.5	0.03	<0.02	10	0.1	<0.02	3.6	0.47	<0.1	<0.02	0.47	5.4	0.3	<0.05	1	2.9	9	0.02	<1	0.2	6	<10	<2
SHB1050205	1	17.4	0.11	0.72	0.15	46	0.28	0.037	7.2	12.2	0.49	79.7	0.04	<1	1.37	0.015	0.05	<0.1	4.1	0.05	<0.02	18	0.2	0.02	4	0.8	<0.1	0.03	0.31	4.5	0.3	<0.05	1.8	7.22	15.7	0.03	<1	0.2	14	<10	<2
Shb1050206	1.1	32.4	1.47	1.26	0.39	73	0.75	0.047	11	18.6	0.61	204.9	0.018	<1	2.41	0.014	0.1	<0.1	8.7	0.11	0.02	66	0.8	0.05	7.7	1.49	<0.1	0.08	1.91	10.7	0.6	<0.05	2.9	18.62	28.5	0.09	1	0.7	21.7	<10	<2
SHB1050207	0.7	19.8	0.63	0.71	0.21	55	0.41	0.027	9.7	13.5	0.39	126.2	0.013	<1	1.85	0.009	0.06	<0.1	4.5	0.09	<0.02	31	0.3	<0.02	5.6	1.48	<0.1	<0.02	0.87	9	0.3	<0.05	0.9	12.5	15.9	0.05	<1	0.4	18.4	<10	<2
SHB1050208	0.4	5.7	0.58	0.57	0.33	72	0.09	0.099	4	12.7	0.2	78.5	0.017	<1	2.14	0.003	0.05	0.2	2.9	0.07	0.02	60	0.2	0.06	8.9	1.13	<0.1	<0.02	2.2	6.5	0.7	<0.05	0.9	2.2	8.9	0.06	<1	0.4	24.9	<10	<2
SHB1050209	0.6	10.3	0.12	0.35	0.11	46	0.1	0.015	4.2	10.5	0.22	74.9	0.021	<1	1.25	0.008	0.03	<0.1	2.3	0.05	<0.02	12	0.1	0.02	3.8	0.61	<0.1	<0.02	0.35	5	0.3	<0.05	0.7	2.28	9.5	0.02	<1	0.2	10.4	<10	<2
SHB1050210	1.2	60.3	1.26	1	0.31	55	1.82	0.074	19.1	29.1	0.46	275.5	0.01	2	3.78	0.024	0.13	<0.1	11.8	0.17	0.08	104	2.5	0.03	8.2	2.42	<0.1	0.11	1.14	13.8	0.5	<0.05	4.3	36.49	32.5	0.09	13	1.1	35.9	<10	<2
SHB1050211	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050212	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050213	1	33.3	0.36	0.63	0.2	56	0.61	0.023	11.5	17.9	0.38	143.5	0.008	<1	1.87	0.014	0.04	<0.1	6.6	0.08	<0.02	67	0.9	0.04	5.4	1.03	<0.1	0.04	0.66	8	0.5	<0.05	1.1	17.67	20.8	0.05	1	0.5	15.3	<10	<2
SHB1050214	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050215	0.5	18.15	0.275	0.82	0.195	43.5	0.375	0.014	5.25	12.1	0.375	122	0.023	1	1.19	0.012	0.05	<0.1	3.3	0.045	<0.02	37	0.3	<0.02	3.8	0.57	<0.1	0.035	0.43	3.5	0.3	<0.05	1.3	5.165	13.4	0.045	<1	0.3	12.45	<10	<2
Shb1050219	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050220	0.7	13.3	0.25	0.87	0.31	46	0.21	0.016	3.9	11.5	0.28	81.9	0.011	<1	1.43	0.007	0.02	<0.1	2.6	0.07	<0.02	35	<0.1	0.05	4.1	0.67	<0.1	0.03	0.5	3.9	0.5	<0.05	1	2.62	9.9	0.05	<1	0.2	10.5	<10	<2
Shb1050221	0.6	26.7	0.61	0.98	0.3	65	0.66	0.042	9.5	16.9	0.43	149.4	0.013	1	2.37	0.012	0.05	0.1	5.3	0.12	0.03	94	0.8	0.03	7.3	1.76	<0.1	0.04	2.07	7	0.6	<0.05	1.4	14.29	19.3	0.08	<1	0.3	31.1	<10	<2
Shb1050222	0.6	29.7	0.16	0.83	0.14	49	0.43	0.021	8.6	13.4	0.31	99.2	0.035	1	1.13	0.014	0.05	<0.1	4	0.05	<0.02	49	0.2	<0.02	3.5	0.61	<0.1	<0.02	0.34	4.6	0.4	<0.05	0.5	8.99	16.5	0.03	<1	0.3	8.9	<10	<2
Shb1050223	0.3	35	1.07	1.13	0.21	50	0.88	0.067	8.7	18.4	0.36	176.4	0.013	1	1.49	0.012	0.05	<0.1	5	0.07	0.04	103	1.1	0.03	4.4	0.83	<0.1	0.03	0.52	5.2	0.5	<0.05	1.5	14.52	14.4	0.04	2	0.4	11.6	<10	<2
Shb1050224	0.3	33.8	0.19	0.5	0.12	72	0.31	0.047	5.2	20.5	0.43	229.6	0.018	3	1.89	0.01	0.04	<0.1	3.2	0.06	<0.02	43	0.2	<0.02	5.8	0.84	<0.1	<0.02	0.59	3.5	0.6	<0.05	0.3	4.24	9.8	0.04	<1	0.3	23.9	<10	<2
Shb1050225	<0.1	34.9	0.21	0.68	0.17	89	0.56	0.057	6.1	20.3	0.29	174.4	0.02	2	1.7	0.007	0.05	0.1	2	0.07	<0.02	43	0.2	<0.02	8.7	1.1	<0.1	<0.02	0.54	6.2	0.7	<0.05	<0.1	5.34	10.3	0.03	<1	0.2	11.9	<10	<2
Shb1050226	0.2	35.4	0.23	0.61	0.12	66	0.48	0.056	7.4	17.5	0.33	149.6	0.016	2	1.78	0.009	0.04	0.1	2.7	0.06	<0.02	56	0.1	<0.02	7.1	1.09	<0.1	<0.02	0.49	5.5	0.5	<0.05	<0.1	6.33	11.3	0.04	<1	0.3	13.9	<10	<2
Shb1050227	0.4	43.1	0.39	0.74	0.14	72	0.6	0.067	20.7	24.5	0.54	142.1	0.015	2	2.38	0.009	0.06	<0.1	5.2	0.11	<0.02	56	0.2	<0.02	7.4	2.34	<0.1	<0.02	0.7	8.1	0.6	<0.05	0.7	19.94	21.5	0.03	<1	0.6	20.1	<10	<2
Shb1050228	0.6	60.1	0.6	0.79	0.12	71	0.75	0.103	51.3	31	0.65	206.8	0.013	2	3.15	0.011	0.07	0.1	7.6	0.11	<0.02	63	0.3	0.02	7.8	2.62	<0.1	0.05	0.57	7.3	0.5	<0.05	1.5	45.74	32.9	0.05	<1	0.9	30.5	<10	<2
Shb1050229	0.7	12.9	0.23	0.72	0.12	72	0.09	0.118	4.8	21.2	0.26	94.8	0.031	1	2.71	0.005	0.03	0.2	3.1	0.06	0.03	108	0.3	0.03	6.3	1.12	<0.1	0.05	1.84	3.8	0.6	<0.05	1.8	2.89	9.7	0.05	<1	0.4	16.2	<10	<2
Shb1050230	0.7	13.1	0.35	0.69	0.1	63	0.1	0.1	4.2	22.1	0.31	105	0.03	2	3.13	0.004	0.03	0.1	3.4	0.06	0.03	112	0.4	<0.02	5.2	1.05	<0.1	0.06	1.23	3.7	0.4	<0.05	1.8	2.55	8.4	0.05	1	0.4	15.6	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1050231	603650	6084397	1215	B	10	mod steep	red brn	30	sub ang	CF	5	27-Jul-11	AC/BA		1.75	12.06	9.34	60	136	6.8	5.4	1010	2.96	9	0.3	1.5
Shb1050232	603700	6084397	1215	B	20	mod steep	red brn	15	sub ang - sub rnd	CF	3	27-Jul-11	AC/BA		1.01	17.84	9.54	82	176	15	12.4	505	3.56	12.6	0.4	2.5
Shb1050233	603749	6084391	1217	B	15	mod steep	med brn	15	sub ang	CF	10	27-Jul-11	AC/BA		1.37	17.34	11.86	136.4	140	12.4	10	2474	3.12	9.5	0.4	0.8
Shb1050234	603748	6084499	1192	B	15	mod steep	med red brn	40	ang	CF	5	27-Jul-11	AC/BA		3.15	23.14	13.68	79.4	171	8	4.6	372	3.81	9.2	0.5	1.2
Shb1050235	603696	6084500	1201	B	10	mod steep	rusty brn	15	sub ang	CF	5	27-Jul-11	AC/BA		1.18	15.76	11.37	71.5	66	14.2	6.5	323	5.13	16.1	0.3	0.8
Shb1050236	603654	6084507	1198	B	15	mod steep	rusty orange	15	sub ang- sub rnd	CF	5	27-Jul-11	AC/BA		0.92	19.92	11.4	82.4	53	15.1	8.4	406	4.09	13.5	0.4	0.9
Shb1050237	603595	6084493	1193	B	20	mod steep	light brn	15	sub ang	CF	3	27-Jul-11	AC/BA	adjacent to stream	1.2	19.51	8.18	93.8	130	15.1	9.3	646	2.99	7.5	0.5	0.7
Shb1050238	603548	6084504	1197	B	10	mod steep	rusty red brn	15	sub ang	CF	5	27-Jul-11	AC/BA	adjacent to stream	1.41	14.8	8.21	72.8	180	9.5	6.4	1068	4.24	9.3	0.4	0.7
Shb1050239	603503	6084497	1197	B	15	mod steep	rusty red	15	sub rnd-sub ang	CF	5	27-Jul-11	AC/BA		0.98	15.83	10.88	78.9	181	12.9	7.7	470	4.88	18.1	0.4	1.1
Shb1050240	603439	6084501	1196	B	20	mod steep	light brn	0	-	CF	0	27-Jul-11	AC/BA		0.91	33.7	9.97	148.3	94	20.3	9.6	1285	3.43	11	0.6	0.8
Shb1050241	603398	6084497	1198	B	10	gentle	light brn	15	sub rnd	CF	10	27-Jul-11	AC/BA		1.39	26.81	9.67	81.3	204	12.4	10.7	2479	3.16	9.8	0.6	0.6
Shb1050242	603349	6084497	1198	B	15	gentle	rusty orng brn	15	sub ang	CF	5	27-Jul-11	AC/BA	rusty lenses in hole	1.01	15.15	9.87	78.4	66	11.3	6.3	342	4.39	14.9	0.4	1.1
Shb1050243	603310	6084595	1153	B	10	mod steep	rusty brn	10	sub ang	CF	5	29-Jul-11	AC/BA		0.84	24.7	8.19	86	219	17	9	713	3.15	8.8	0.5	2
Shb1050246	603348	6084599	1161	B	15	mod steep	brn	5	sub ang	CF	10	29-Jul-11	AC/BA	Average of Shb1050247 & Shb1050246	2.81	55.84	8.975	209.7	368.5	35.5	15.95	6852.5	4.29	9.7	1.1	2.5
Shb1050248	603401	6084602	1168	B	20	mod steep	red brn	20	sub ang	CF	10	29-Jul-11	AC/BA	adjacent to old stream bed?	0.95	14.34	9.1	37	54	5.7	3	172	2.74	11.3	0.5	1.2
Shb1050249	603449	6084602	1174	B	25	gentle	rusty brn	5	sub ang	CF	15	29-Jul-11	AC/BA		1.24	16.9	12.17	71	182	9.6	4.9	280	4.68	18.5	0.4	2.4
Shb1050250	603507	6084600	1177	B	15	flat	med brn	15	sub ang-sub rnd	CF	15	29-Jul-11	AC/BA		1.32	39.4	9.36	98.1	255	18.2	9.4	1169	3.39	10	0.6	1.4
SHB1050301	602447	6084977	1080	B	15	gentle	red brn	10	sub rnd	CF	5	31-Jul-11	BA/PF		0.92	20.59	9.04	50.4	146	10.9	5.1	213	3.83	12.3	0.3	1.3
Shb1050302	602389	6085067	1061	B	5	gentle	orange brn	5	sub ang	CF	5	31-Jul-11	BA/PF		0.94	23.72	9.85	130.6	178	23.3	12.5	453	4.18	16.1	0.5	1.9
Shb1050303	602305	6085027	1061	B	20	0	red brn	5	sub ang	CF	5	31-Jul-11	BA/PF		1.32	17.83	11.62	69	130	9.4	4.5	348	3.86	11.7	0.4	1.2
SHB1050304	602219	6085006	1056	B	10	gentle	red brn	1	sub rnd	CF	5	31-Jul-11	BA/PF		0.97	15.46	9	67.9	204	10.7	5	203	4.21	10.4	0.4	1.3
Shb1050305	602177	6084917	1064	B	10	slight	drk brn, black	0	-	CF	40	31-Jul-11	BA/PF	organic area, sample questionable	1.03	23.02	8.7	92.3	226	17.2	8.8	991	2.73	8.6	0.6	1.9
SHB1050306	602064	6084927	1055	B	15	moderate	brn	5	sub rnd	CF	5	31-Jul-11	BA/PF		1	17.11	10.17	92.4	150	13	9.9	753	3.33	10.3	0.4	0.9
SHB1050307	601958	6084938	1048	B	5	-	brn	10	sub rnd	CF	5	31-Jul-11	BA/PF	open area	0.87	12.71	7.79	28.6	152	4.8	2.4	109	1.48	4.1	0.4	1.8
SHB1050308	601867	6084937	1044	B	10	slight	brn	5	sub rnd	CF	5	31-Jul-11	BA/PF		0.96	18.22	10.73	84.6	53	18.4	9.9	528	3.53	12	0.4	1.9
Shb1050351	603005	6085104	1011	B	15	0	orange brn	10	sub ang- sub rnd	CF	5	31-Jul-11	AG/ MG		1.32	12.81	12.73	155.9	90	10.8	6.6	341	6.32	11	0.4	0.4
Shb1050352	603049	6085103	1028	B	10	0	redish brn	20	sub rnd	CF	5	31-Jul-11	AG/ MG		1.58	16.53	11.01	91.3	121	12.5	7.9	326	7.16	19.6	0.5	0.9
Shb1050353	603100	6085101	1023	B	10	MS	light brn	30	sub rnd	CF	5	31-Jul-11	AG/ MG		0.98	19.2	8.14	75.2	85	16.7	10.1	802	3.02	9.2	0.6	2.7
Shb1050354	603144	6085100	1015	B	10	0	orange brn	10	sub rnd	CF	5	31-Jul-11	AG/ MG		0.85	24.09	9.86	93.5	92	20.3	9.7	379	3.83	14.1	0.4	0.8
Shb1050355	603199	6085101	1011	B	10	0	brn	5	sub rnd	CF	5	31-Jul-11	AG/ MG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050356	603248	6085104	1018	B	30	0	light brn	20	sub rnd	CF	15	31-Jul-11	AG/ MG		1.21	26.8	15.06	115.4	126	21.1	13.3	981	3.95	14	0.6	0.5
Shb1050357	603245	6085203	1001	B	15	0	light brn	5	sub rnd	CF	5	31-Jul-11	AG/ MG		1.67	51.84	18.11	94	229	22.5	23.5	2643	3.87	12.6	1.5	3.2
Shb1050358	603196	6085191	997	B	10	0	light brn	0	-	CF	5	31-Jul-11	AG/ MG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050359	603139	6085204	994	B	20	0	brn	0	-	CF	5	31-Jul-11	AG/ MG		1.07	19.96	9.04	85.2	66	16.6	8	395	4.24	12.9	0.4	1.3
Shb1050360	603104	6085201	1000	B	10	0	orange brn	20	sub rnd	CF	5	31-Jul-11	AG/ MG		0.8	16.93	10.56	97.6	128	13.4	8.9	641	5.02	12.4	0.4	0.8
Shb1050361	603050	6085202	1003	B						CF		31-Jul-11	AG/ MG	Average of Shb1050362 & Shb1050361	2.215	45.465	7.94	83.55	564	15.3	7.85	1965	3.065	8.65	0.6	2.3
Shb1050365	603001	6085203	1015	B	10	0	orange brn	30	sub rnd	CF	5	31-Jul-11	AG/MG		0.96	18.02	9.84	128.5	800	12.8	11.6	642	3.96	12.2	0.5	3.2
Shb1050366	602951	6085202	1021	B	10	0	dark brn	0	-	CF	5	31-Jul-11	AG/MG	Cut Block	1.03	13.15	7.56	62.8	318	10.4	6.4	339	4.68	11	0.3	1.8
Shb1050367	602900	6085202	1012	B	10	MS	redish brn	20	sub rnd	CF	10	31-Jul-11	AG/MG	10m off road	0.98	12.42	7.5	74.2	440	10.1	6.1	382	3.59	11.9	0.3	1.9
Shb1050368	602851	6085200	1009	B	10	0	brn	10	sub ang	CF	10	31-Jul-11	AG/MG	10m off road	0.89	12.38	9.1	84.2	229	9.8	6.7	428	3.06	11.5	0.3	1.4
Shb1050369	602796	6085195	1012	B	10	0	redish brn	20	sub ang	CF	5	31-Jul-11	AG/MG		1.22	12.6	7.38	109	247	8	5.3	248	4.17	21.7	0.3	<0.2
Shb1050370	602763	6085204	1007	B	15	0	light brn	10	sub ang	CF	10	31-Jul-11	AG/MG		0.57	6.85	7.09	42.5	106	5.5	3.1	117	1.71	3	0.2	<0.2
Shb1050371	602751	6085313	996	B	10	0	light brn	5	sub ang	CF	5	01-Aug-11	AG/MG		0.67	4.64	4.91	16.2	110	3.1	1.5	61	1.66	3.6	0.2	<0.2
Shb1050372	602812	6085301	1000	B	10	0	brn	0	-	CF	5	01-Aug-11	AG/MG		1.14	40.77	11.05	95.5	316	26.7	14.1	2240	4.3	12.7	1.1	0.4
Shb1050373	602857	6085298	995	B	10	0	light brn	0	-	CF	5	01-Aug-11	AG/MG		1.79	54.53	10.43	129.7	549	29.4	13.8	2270	4.03	11.1	0.9	<0.2
Shb1050374	602897	6085304	995	B	10	0	redish brn	15	sub ang	CF	5	01-Aug-11	AG/MG	Cut Block	3.87	9.97	7.3	64.4	165	7.4	4.5	202	4.84	19.4	0.3	<0.2
Shb1050375	602952	6085304	994	B	15	0	redish brn	10	sub rnd	CF	5	01-Aug-11	AG/MG	Cut Block	0.97	14.38	8.67	153.9	172	16.2	8.2	302	3.54	11.5	0.4	0.5
Shb1050376	602999	6085301	995	B	15	0	orange brn	5	sub rnd- sub ang	CF	5	01-Aug-11	AG/MG	Cut Block	0.86	13.23	8.82	109.9	111	9.7	6.3	438	4.19	9.6	0.3	0.3
Shb1050377	603050	6085301	992	B	10	0	orange brn	5	sub ang	CF	5	01-Aug-11	AG/MG	Cut Block	1.18	16.69	9.5	86.4	131	14.7	7.5	331	4.99	17.8	0.4	<0.2

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1050231	0.2	17.2	0.14	0.6	0.18	77	0.1	0.057	5.5	14	0.17	130.1	0.028	1	1.44	0.005	0.04	0.1	2.2	0.09	<0.02	53	0.2	0.02	7.9	1.29	<0.1	<0.02	0.63	6.3	0.9	<0.05	<0.1	2.29	11.8	0.03	<1	0.2	8.6	<10	<2
Shb1050232	0.3	31.6	0.27	0.71	0.08	62	0.41	0.069	5.2	20.5	0.43	148.4	0.031	3	2.52	0.009	0.04	0.1	3.6	0.06	0.02	57	0.3	0.02	5.4	1.27	<0.1	<0.02	0.52	4.3	0.3	<0.05	0.2	4.95	14.5	0.04	<1	0.4	16.2	<10	<2
Shb1050233	0.2	37.7	0.4	0.74	0.12	59	0.85	0.074	8.6	17.4	0.36	138.8	0.027	2	1.63	0.011	0.04	<0.1	2.9	0.09	0.02	60	0.4	<0.02	5.5	1.7	<0.1	<0.02	0.49	6.2	0.6	<0.05	<0.1	14.43	15.8	0.02	<1	0.3	22.6	<10	<2
Shb1050234	0.8	20.7	0.17	0.51	0.19	65	0.21	0.088	6.9	14.7	0.22	108.2	0.02	1	2.02	0.008	0.05	0.3	3.3	0.07	0.03	93	0.3	0.03	7.4	1.7	<0.1	0.03	2.16	4.2	0.7	<0.05	1.9	3.07	13	0.04	<1	0.5	15	<10	<2
Shb1050235	0.7	14.4	0.24	0.67	0.13	90	0.07	0.112	3.8	22.9	0.35	112.2	0.033	2	2.56	0.008	0.04	0.1	3.5	0.07	0.02	78	0.3	0.02	9	1.25	<0.1	0.02	1.19	5	0.6	<0.05	0.8	1.95	9.9	0.03	<1	0.2	17.8	<10	<2
Shb1050236	1	19.1	0.2	0.8	0.1	63	0.11	0.075	5.1	22.4	0.41	121.6	0.034	2	3.25	0.01	0.05	0.1	4.2	0.06	0.03	124	0.4	<0.02	5.6	1.36	<0.1	0.07	0.88	4.9	0.4	<0.05	2.2	3.47	11.9	0.06	<1	0.4	20.4	<10	<2
Shb1050237	0.6	36.7	0.33	0.53	0.1	60	0.63	0.037	7.8	21.6	0.48	126.6	0.048	3	1.7	0.013	0.05	<0.1	4.5	0.07	<0.02	37	0.2	<0.02	5.3	1.41	<0.1	0.02	0.71	6.9	0.5	<0.05	0.5	7.28	14.3	0.04	<1	0.3	21.8	<10	<2
Shb1050238	0.9	27.6	0.27	0.56	0.11	54	0.13	0.109	4.4	18	0.27	135.3	0.028	2	4.3	0.002	0.05	0.1	3.5	0.08	0.03	191	0.5	0.03	6.3	2.89	<0.1	0.16	1.76	5.4	0.5	<0.05	3.3	2.53	9.8	0.05	<1	0.4	20.4	<10	<2
Shb1050239	0.8	13.6	0.34	0.8	0.11	74	0.1	0.162	4	23.8	0.35	94.8	0.034	2	3.13	0.004	0.04	0.1	3.7	0.06	0.03	118	0.3	<0.02	6.3	1.48	<0.1	0.06	1.33	5.4	0.4	<0.05	2	2.93	8.7	0.05	<1	0.3	18	<10	<2
Shb1050240	0.3	48	0.3	0.65	0.12	67	0.64	0.09	19.7	25.7	0.54	194.8	0.013	2	2.71	0.01	0.07	<0.1	5.3	0.11	0.02	36	0.3	<0.02	7	2.9	<0.1	0.02	0.39	7.9	0.6	<0.05	0.7	21.89	24.6	0.03	1	0.7	38.7	<10	<2
Shb1050241	<0.1	37.9	0.39	0.71	0.13	67	0.34	0.072	13.2	19.7	0.33	170.9	0.02	2	1.89	0.009	0.06	<0.1	2.7	0.12	<0.02	58	0.3	0.03	6.8	2.31	<0.1	<0.02	0.17	8.4	0.5	<0.05	<0.1	9.37	25.1	0.03	<1	0.6	10	<10	<2
Shb1050242	0.6	12.2	0.24	0.75	0.11	73	0.08	0.081	4.7	22.7	0.31	100.7	0.029	2	2.61	0.004	0.03	0.1	3.4	0.06	<0.02	74	0.3	<0.02	6.5	1	<0.1	0.03	1.33	4.4	0.5	<0.05	0.9	2.51	10.2	0.05	<1	0.3	19.2	<10	<2
Shb1050243	0.2	58.5	0.32	0.53	0.1	69	0.65	0.067	11.4	22	0.52	209.8	0.035	3	2.26	0.011	0.06	<0.1	3.7	0.08	0.02	70	0.3	<0.02	6.9	1.53	<0.1	<0.02	0.52	5.6	0.5	<0.05	0.3	12.8	18.6	0.03	<1	0.6	16.8	<10	<2
Shb1050246	1.1	50.9	0.755	0.605	0.225	67	0.335	0.118	56.2	32.8	0.65	201.3	0.0045	<1	5.115	0.007	0.095	<0.1	10.3	0.31	0.03	186.5	0.35	0.035	8.65	2.94	<0.1	0.14	0.41	7.5	0.55	<0.05	3.55	53.485	102.05	0.06	<1	1.95	56.1	<10	<2
Shb1050248	0.2	28.6	0.17	0.82	0.17	71	1.01	0.037	4.8	14.8	0.61	101	0.025	2	1.18	0.01	0.03	<0.1	1.8	0.06	0.03	49	0.3	0.04	7.8	0.46	<0.1	<0.02	0.91	2.4	0.7	<0.05	0.4	2.09	8.8	0.02	<1	0.2	2.8	<10	<2
Shb1050249	0.4	27.2	0.47	0.74	0.18	97	0.23	0.066	6.8	20	0.28	111.6	0.047	2	1.59	0.016	0.04	0.1	2.9	0.08	0.05	50	0.3	0.04	9.6	0.91	<0.1	<0.02	1.86	5.3	0.8	<0.05	0.5	4.45	10.1	0.04	<1	0.2	8.8	<10	<2
Shb1050250	0.3	34	0.41	0.63	0.14	66	0.41	0.04	22.1	23.4	0.46	130.3	0.015	2	2	0.01	0.05	0.1	4.2	0.09	<0.02	45	0.2	0.03	6.4	1.49	<0.1	<0.02	0.63	6.2	0.5	<0.05	0.2	21.15	19.1	0.03	<1	0.5	18	<10	<2
SHB1050301	0.7	12.6	0.12	0.68	0.18	77	0.08	0.1	4.7	18.5	0.27	92.6	0.028	1	1.65	0.006	0.03	0.1	3	0.08	<0.02	50	0.2	0.06	7.5	0.89	<0.1	<0.02	0.57	5.8	0.5	<0.05	0.5	1.97	9.3	0.04	<1	0.2	8.6	<10	<2
Shb1050302	1.3	25.5	0.39	0.78	0.14	64	0.18	0.084	5.6	26.1	0.48	176.6	0.034	2	3.86	0.006	0.06	0.1	5.2	0.08	0.02	107	0.4	0.03	5.8	1.51	<0.1	0.08	0.79	8	0.4	<0.05	2.7	3.98	13	0.06	<1	0.5	25.9	<10	<2
Shb1050303	0.3	13.9	0.5	0.65	0.19	69	0.16	0.176	4.2	17.8	0.2	100.6	0.021	2	1.56	0.006	0.05	0.2	1.9	0.07	0.04	97	0.3	0.03	7.6	1.19	<0.1	<0.02	1.41	7.3	0.7	<0.05	0.2	1.46	8.1	0.03	<1	0.2	9	<10	<2
SHB1050304	0.5	17.2	0.52	0.63	0.11	62	0.16	0.107	3.2	24.1	0.27	83.7	0.023	2	2.71	0.005	0.04	0.1	2.8	0.06	0.05	146	0.5	0.03	5.9	0.94	<0.1	0.02	1.46	6.1	0.4	<0.05	1.4	1.52	6.1	0.05	<1	0.3	21	<10	<2
Shb1050305	0.3	56.3	0.5	0.43	0.12	53	1.48	0.109	9.2	21.3	0.49	207.9	0.015	7	2.04	0.016	0.07	0.1	3.5	0.1	0.09	107	0.3	<0.02	5.9	1.32	<0.1	0.04	0.8	9.1	0.4	<0.05	1	9.31	14.9	0.04	2	0.4	14.1	<10	<2
SHB1050306	0.1	39.3	0.3	0.45	0.13	64	0.36	0.07	5.3	19.3	0.34	167.5	0.017	3	1.84	0.01	0.06	0.1	2.2	0.09	0.04	53	0.2	0.04	6.5	1.7	<0.1	<0.02	0.55	9.2	0.5	<0.05	<0.1	3.62	10.7	0.03	<1	0.3	12.7	<10	<2
SHB1050307	<0.1	29	0.29	0.31	0.15	37	0.2	0.033	7.7	10.1	0.12	137.9	0.017	2	1.18	0.008	0.03	0.1	1.4	0.07	0.03	47	0.2	<0.02	5.4	0.99	<0.1	<0.02	0.56	4.4	0.5	<0.05	<0.1	4.51	13.8	<0.02	<1	0.2	4.9	<10	<2
SHB1050308	0.4	27.3	0.21	0.77	0.12	74	0.35	0.037	6.4	23.3	0.52	131.9	0.036	2	1.79	0.009	0.05	<0.1	3.4	0.05	0.02	30	0.2	<0.02	6	1.23	<0.1	<0.02	0.6	7.7	0.5	<0.05	0.4	4.39	11.5	0.03	<1	0.3	14.8	<10	<2
Shb1050351	1.3	10.7	0.33	0.59	0.17	94	0.07	0.073	5.4	26.2	0.3	96.5	0.039	2	2.95	0.006	0.04	0.2	3.7	0.07	<0.02	67	0.3	0.06	10.4	1.38	<0.1	0.07	2.48	9.5	1	<0.05	3.4	2.17	10.6	0.05	<1	0.3	26.9	<10	<2
Shb1050352	1.3	20.6	0.5	0.65	0.13	105	0.18	0.08	4.4	32.8	0.38	136	0.099	3	3.99	0.004	0.03	0.2	5	0.06	0.04	160	0.5	0.03	10.7	1.02	<0.1	0.18	2.46	5.2	0.6	<0.05	6.6	3.69	8.9	0.08	<1	0.5	21.5	<10	<2
Shb1050353	1	61.2	0.16	0.64	0.1	63	0.68	0.077	16.5	20.6	0.47	103	0.059	3	1.53	0.016	0.05	<0.1	6.7	0.08	0.02	64	0.4	0.03	4.8	1.03	<0.1	0.05	0.3	4.3	0.4	<0.05	1.5	20.47	22.6	0.03	2	0.5	17.9	<10	<2
Shb1050354	0.7	19.1	0.35	0.79	0.1	63	0.13	0.049	4.6	22.1	0.46	168.2	0.028	2	2.84	0.006	0.04	0.1	3.8	0.08	0.03	79	0.4	0.03	5.4	1.41	<0.1	0.03	0.69	5.6	0.4	<0.05	0.8	2.96	9.5	0.05	1	0.5	22.4	<10	<2
Shb1050355	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050356	0.7	58.1	0.29	0.76	0.12	71	0.88	0.041	18.2	26.3	0.57	128.2	0.022	2	2.2	0.014	0.05	0.1	6.5	0.1	0.03	49	0.4	0.03	6.6	1.8	<0.1	0.03	0.82	6.7	0.6	<0.05	0.7	25.14	25.7	0.03	<1	0.6	51.7	<10	<2
Shb1050357	0.6	78.9	0.72	0.51	0.47	69	1.21	0.075	59	30.2	0.5	205.3	0.02	2	2.82	0.019	0.07	0.2	7.9	0.18	<0.02	86	0.1	0.02	7.7	2.78	0.2	0.06	0.79	9	0.7	<0.05	0.9	60.48	78.3	0.09	1	1.8	26.7	<10	<2
Shb1050358	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050359	0.3	35.9	0.18	0.38	0.23	81	0.64	0.087	7.8	22.7	0.45	164.3	0.023	1	2.35	0.007	0.05	0.1	3.5	0.09	<0.02	36	<0.1	0.03	8.8	1.12	<0.1	<0.02	1.3	5.9	0.6	<0.05	0.3	5.25	13.4	0.04	<1	0.4	20.5	<10	<2
Shb1050360	0.7	17.8	0.4	0.47	0.32	92	0.09	0.101	3.7	25.9	0.35	135.1	0.053	2	2.3	0.006	0.05	0.1	3.8	0.05	0.02	78	0.3	<0.02	8.9	0.8	<0.1	0.05	1.29	4.7	0.5	<0.05	2	1.72	7.9	0.05	<1	0.3	13.6	<10	<2
Shb1050361	0.35	38.7	0.725	0.375	0.295	63	0.61	0.077	14.65	21.2	0.35	142.05	0.0245	1.5	2.095	0.0105	0.04	0.2	4.15	0.125	0.045	106.5	0.4	0.07	6.45	1.06	0.1	0.05	1.455	4.25	0.5	<0.05	1.15	23.77	18.1	0.04	1	0.5	18.3	<10	<2
Shb1050365	0.6	43.8	0.41	0.31	0.55	84	0.73	0.067	7.6	27	0.53	155	0.076	2	3.47	0.007	0.1	0.1	6.3	0.11	0.03	164	0.4	0.04	9.4	1.38	<0.1	0.06	1.28	6	0.6	<0.05	2.5	9.63	15.3	0.05	<1	0.5	19.9	<10	<2
Shb1050366	0.4	42.6	0.3	0.27	0.17	86	0.38	0.128	4.1	24.8	0.45	171.3	0.083	2	3.29	0.006	0.06	0.2	4.3	0.09	0.05	106	0.3	<0.02	8.8	1.01	<0.1	0.07	1.31	4.3	0.4	<0.05	2.8	3.32	8.9	0.06	<1	0.3	19.2	<10	<2
Shb1050367	0.3	22.3	0.42	0.39	0.15	67	0.23	0.078	4.3	16.8	0.26	139.3	0.033	3	1.73	0.006	0.07	0.1	2.6	0.06	0.03	103	0.2	<0.02	6.7	0.66	<0.1	0.03	1.33	4.7	0.5	<0.05	0.7	2.61	9.2	0.04	<1	0.3	10.3	<10	<2
Shb1050368	0.2	29.8	0.21	0.41	0.14	63	0.48	0.072	7.2	17.2	0.24	115.7	0.02	2	1.55	0.008	0.05	0.1	2.5	0.08	0.03	80	0.2	<0.02	6.9	1.14	<0.1	<0.02	1.59	10.2	0.5	<0.05	0.3	5.26	10.3	<0.02	<1	0.3	9.6	<10	<2
Shb1050369	0.7	18.1	0.54	0.64	0.16	57	0.15	0.044	5.5	17.9	0.23	111.6	0.019	1	2.23	0.005	0.04	0.2	2.3	0.08	0.03	137	0.3	0.04	7.4	1.21	<0.1	0.02	4.41	8	0.6	<0.05	1.5	2.02	11.3	0.03	<1	0.3	14.9	<10	<2
Shb1050370	0.3	12	0.1	0.22	0.08	42	0.08	0.015	5.8	11.3	0.17	59	0.037	2	0.89	0.008	0.03	<0.1	1.8	0.05	<0.02	29	<0.1	<0.02	4.5	0.83	<0.1	<0.02	1.09	5.2	0.4	<0.05	0.5	2.53	10.2	<0.02	<1	0.1	5.2	<10	<2
Shb1050371	0.6	10.4	0.04	0.32	0.08	49	0.05	0.021	4.2	9	0.06	30.9	0.054	<1	0.63	0.007	0.03	<0.1	1.1	0.05	<0.02	28	<0.1	<0.02	5.2	0.44	<0.1	0.02	0.76	4.1	0.4	<0.05	1.1	0.87	8	<0.02	<1	<0.1	1.3	<10	<2
Shb1050372	0.6	50.3	0.36	0.55	0.08	82	0.77	0.059	30.5	37.7	0.69	216.6	0.02	<1	3.37	0.015	0.06	0.1	7.7	0.18	0.03	115	0.2	<0.02	8.5	2.17	<0.1	0.07	0.9	8.1	0.4	<0.05	1.9	31.41	69.1	0.06	<1	1.2	22.4	<10	<2
Shb1050373	0.7	49.9	0.47	0.53	0.1	73	0.65	0.062	30.7	35.4	0.58	202.1	0.016	<1	3.18	0.011	0.06	0.1	7.6	0.17	0.03	62	0.2	0.06	9.1	2.05	0.1	0.03	1.55	7.3	0.4	<0.05	1.2	29.92	49.6	0.06	<1	1	31.1	<10	<2
Shb1050374	0.4	25.5	0.22	0.42	0.12	69	0.13	0.161	4.4	14.1	0.16	110.7	0.041	<1	2.65	0.005	0.09	0.3	3	0.13	0.04	98	0.3	0.04	8.9	1.22	<0.1	0.06	1.74	3.9	0.6	<0.05	2.2	2.32	8.1	0.04	<1	0.3	11	<10	<2
Shb1050375	0.7	26.5	0.32	0.39	0.07	63	0.15	0.05	6.8	22.9	0.34	124.1	0.027	<1	2.85	0.006	0.04	0.1	3.7	0.07	0.03	93	0.3	0.04	6.5	1.4	<0.1	0.04	1.37	6.4	0.3	<0.05	2.1	5.9	17.4	0.05	<1	0.5	25.3	<10	<2
Shb1050376	0.4	24.1	0.52	0.38	0.07	65	0.11	0.048	3.9	20.1	0.25	120.8	0.034	1	2.71	0.004	0.04	0.1	2.7	0.09	0.03	99	0.2	0.06	7.2	0.96	<0.1	<0.02	1.65	5.5	0.4	<0.05	1	1.63	7.7	0.05	<1	0.3	13.7	<10	<2
Shb1050377	0.5	21.4	0.43	0.59	0.06	87	0.18	0.065	4	24.5	0.39	120.8	0.058	2	2.72	0.005	0.04	0.1	3.9	0.05	0.03	78	0.1	<0.02	7.4	1.02	<0.1	0.04	1.19	5	0.3	<0.05	1.8	2.85	9.2	0.06	<1	0.4	18.9	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1050378	603097	6085304	987	B	15	0	light brn	5	sub rnd	CF	10	01-Aug-11	AG/MG	Cut Block	0.75	14.76	8.27	78.5	253	11.6	7.5	786	2.25	5.4	0.5	<0.2
Shb1050379	603149	6085299	980	B	15	0	redish brn	15	sub rnd	CF	5	01-Aug-11	AG/MG	Edge of Cut Block	1.04	12.7	11.37	46.6	156	5.5	3.3	217	3.94	10.2	0.4	<0.2
Shb1050380	603235	6085314	981	B	5	0	brn	5	sub rnd	CF	5	01-Aug-11	AG/MG		0.91	16.03	7.43	77.3	178	13	7	436	3.03	8.1	0.5	<0.2
Shb1050381	603254	6085299	992	B	10	0	brn	20	sub rnd	CF	5	01-Aug-11	AG/MG		0.66	7.89	7.28	51.8	80	5.6	3.4	169	2.56	6.2	0.2	<0.2
Shb1050382	603311	6085306	999	B	15	0	redish brn	10	sub rnd	CF	5	01-Aug-11	AG/MG	Off line due to trail	0.8	11.69	9.49	105.3	88	11.3	6.4	292	4.81	14	0.3	<0.2
Shb1050383	603355	6085308	990	B	5	0	orange brn	5	sub rnd	CF	5	01-Aug-11	AG/MG		0.79	7.32	6.82	135.6	83	9.1	6.8	297	3.75	8.9	0.3	<0.2
Shb1050384	603400	6085296	999	B	15	0	redish brn	15	sub rnd	CF	5	01-Aug-11	AG/MG		0.82	9.36	9.89	118.1	59	9.9	6.3	949	4.65	14.5	0.3	<0.2
Shb1050385	603447	6085298	989	B	20	MS	brn	20	sub rnd	CF	5	01-Aug-11	AG/MG	Average of Shb1050385 & SHB1050836	0.99	20.055	9.13	77.25	194	10.75	6.85	624.5	3.71	12.4	0.4	<0.2
Shb1050389	603503	6085294	986	B	10	Ms	redish brn	20	Sub rnd	CF	5	01-Aug-11	AG/MG		0.87	13.3	10.31	123.2	94	13.1	13.5	821	3.9	14	0.4	1
Shb1050390	603547	6085287	974	B	25	MS	redish brn	5	Sub rnd	CF	5	01-Aug-11	AG/MG		1.02	16.6	8.37	49.2	69	11.6	5.3	294	3.92	15.6	0.6	0.7
Shb1050391	603597	6085290	960	B	10	0	brn	20	Sub rnd	CF	5	01-Aug-11	AG/MG	Off line due to trail	0.75	21.64	7.03	69.2	87	17.1	8.9	708	2.95	11.3	0.5	0.6
Shb1050392	603653	6085300	954	B	10	0	orange red	5	Sub rnd	CF	5	01-Aug-11	AG/MG		0.77	15.22	9.16	89.3	139	10.5	7.2	353	3.94	12.5	0.4	0.3
Shb1050393	603713	6085313	954	B	10	0	redish brn	10	Sub rnd	CF	5	01-Aug-11	AG/MG		0.96	15.86	8.36	128.2	40	11.2	8.1	402	4.1	13.3	0.5	4.7
Shb1050394	603743	6085302	950	B	15	0	orange brn	25	sub rnd	CF	5	01-Aug-11	AG/MG	Off due to steep	1.12	16.73	10.73	107.7	114	13.1	10.7	545	4.7	17.3	0.4	1.7
Shb1050395	603700	6085394	931	B	10	Ms	brn	15	sub ang	CF	5	01-Aug-11	AG/MG	0603750e 6085400n was a road	1	22.16	10.54	86.4	127	12.8	6.4	345	4.32	15	0.5	1.3
Shb1050396	603650	6085403	925	B	20	0	redish bnr	5	sub rnd	CF	5	01-Aug-11	AG/MG		1.1	19.01	7.44	105.4	217	10.4	6.8	268	3.57	12.8	0.6	0.9
Shb1050397	603602	6085397	923	B	10	MS	brn	20	sub rnd	CF	5	01-Aug-11	AG/MG		0.87	19.1	10.25	61.2	52	13.3	10.8	688	2.79	27	0.6	1.1
Shb1050398	603555	6085402	929	B	15	0	brn	20	sub rnd	CF	5	01-Aug-11	AG/MG		0.76	17.14	11.17	82.3	75	11.5	10.6	964	3.61	13.5	0.4	0.8
Shb1050399	603494	6085397	931	B	15	MS	redish brn	20	sub ang	CF	5	01-Aug-11	AG/MG		0.99	15.35	11.78	100.9	86	9.2	9.6	786	4.85	17.4	0.5	0.6
Shb1050400	603441	6085396	940	B	20	gentle	redish brn	30	sub ang	CF	5	01-Aug-11	AG/MG		1.05	16.27	9.39	94.7	61	13.9	18	857	4.11	15.7	0.4	1.2
Shb1050401	602852	6084700	1144	B	15	0	light brn	25	sub rnd- sub ang	CF	5	29-Jul-11	AG/PF/MG		0.94	18.18	8.8	105.8	235	14	7.8	359	3.86	15.8	0.5	0.9
Shb1050402	602899	6084701	1140	B	15	0	brn	20	sub rnd	CF	10	29-Jul-11	AG/PF/MG		0.44	15.88	8.3	49.3	258	7.8	4.5	153	1.51	4.5	0.4	0.6
Shb1050403	602952	6084699	1148	B	5	MS	redish brn	20	sub rnd	CF	5	29-Jul-11	AG/PF/MG		0.99	16.39	12.5	83.2	211	10.5	7.3	414	4.27	17.7	0.4	0.5
Shb1050404	603000	6084702	1149	B	10	MS	reddish brn	25	sub rnd	CF	5	29-Jul-11	AG/PF/MG		1.08	25.09	12.82	80	127	16.7	8	441	4.54	15.6	0.4	9.1
Shb1050405	603050	6084699	1133	B	10	MS	brn	5	sub rnd	CF	5	29-Jul-11	AG/PF/MG		0.93	21.23	9.4	81.9	90	16.5	10.7	891	3.19	9.7	0.5	0.2
Shb1050406	603105	6084699	1146	B	15	MS	brn	5	sub ang	CF	10	29-Jul-11	AG/PF/MG	hill above stream												
Shb1050407	603151	6084700	1150	B	10	MS	redish brn	5	sub ang	CF	5	29-Jul-11	AG/PF/MG		0.82	15.16	12.54	64.8	145	10.6	5.7	248	4.66	13.9	0.4	0.7
Shb1050408	603201	6084700	1133	B	10	Steep	brn	10	sub ang	CF	5	29-Jul-11	AG/PF/MG		2.4	14.66	9.4	62.5	117	6.4	5.3	619	3.63	8.9	0.4	0.3
Shb1050409	603250	6084699	1142	B	10	MS	redish brn	10	sub rnd	CF	5	29-Jul-11	AG/PF/MG		0.83	16.81	13.03	66.5	81	10.8	5.8	344	4.2	16.1	0.4	0.2
Shb1050410	603251	6084801	1111	B	10	0	light brn	10	sub ang	CF	10	29-Jul-11	AG/PF/MG		0.92	11.14	9.96	72.8	79	6.6	4.4	348	3.02	9.5	0.3	0.8
Shb1050411	603198	6084798		B	10	0	light brn	5	sub rnd	CF	10	29-Jul-11	AG/PF/MG		1.42	28.81	11	105.9	262	19.2	13.4	1843	3.34	11.9	0.7	20.8
Shb1050412	603150	6084797	1106	B	20	0	dark brn	10	sub ang	CF	10	29-Jul-11	AG/PF/MG		1.75	24.52	7.79	57.8	287	7.7	3.8	191	3.33	10.6	0.6	<0.2
Shb1050413	603100	6084800	1105	B	20	0	redish brn	10	sub ang	CF	5	29-Jul-11	AG/PF/MG		1.32	15.45	11.95	76.4	127	8.2	5.2	334	3.68	10.3	0.3	0.3
Shb1050414	603051	6084801	1090	B	15	0	brn	0	-	CF	5	29-Jul-11	AG/PF/MG		0.93	38.18	10.77	92.8	236	15.3	10.9	610	3.63	11.7	0.6	0.7
Shb1050415	602999	6084801	1111	B	10	0	light brn	0	-	CF	5	29-Jul-11	AG/PF/MG		2.2	36.15	12.48	123.4	197	23.4	16.6	1845	4.54	15.3	0.8	1
Shb1050416	602936	6084802	1105	B	5	MS	redish brn	20	sub rnd	CF	5	29-Jul-11	AG/PF/MG	moved due to wet ground	1.2	21.33	11.15	57.7	152	8.8	4.8	285	4	12.7	0.5	0.5
Shb1050417	602899	6084799	1090	B	20	0	red brn	5	sub rnd	CF	5	30-Jul-11	AG/PF/MG		1.06	17.65	9.72	126.3	141	13.5	8.9	356	4.08	13	0.5	0.7
Shb1050418	602848	6084798	1103	B	20	0	red brn	5	sub rnd	CF	5	30-Jul-11	AG/PF/MG		1.19	24.52	12.72	101	111	14.3	8.5	638	4.78	15.5	0.6	0.6
Shb1050419	602802	6084795	1101	B	20	0	red brn	10	sub rnd	CF	10	30-Jul-11	AG/PF/MG		0.93	41.19	11.99	109.7	143	18.5	13	1195	3.52	11.3	0.6	1
Shb1050420	602751	6084799	1093	B	15	0	redish brn	10	sub rnd	CF	5	30-Jul-11	AG/MG		1.01	21.38	10.1	100.1	110	13.7	8	453	3.6	12.8	0.4	0.6
Shb1050421	602748	6084910	1079	B	25	0	redish brn	10	sub rnd	CF	5	30-Jul-11	AG/MG	Edge of cut block	1.34	19.49	11.27	90.7	102	12.7	7	417	5.32	18.2	0.6	1.8
Shb1050422	602800	6084896	1076	B	20	0	light brn	10	sub rnd	CF	5	30-Jul-11	AG/MG		0.97	35.85	11.3	85.6	216	12.2	7.4	712	3.23	12.6	0.5	0.3
Shb1050423	602854	6084897	1077	B	30	0	light brn	5	sub rnd	CF	5	30-Jul-11	AG/MG		1.11	28.45	10.12	71.7	169	14.8	6.9	243	2.9	10.7	0.5	0.5
Shb1050424	602901	6084903	1075	B	20	0	light brn	5	sub rnd	CF	5	30-Jul-11	AG/MG		1.33	58.35	11.04	123.7	283	20.8	11.5	1394	3.55	12	0.7	0.3
Shb1050425	602949	6084899	1076	B	15	0	red brn	5	sub rnd	CF	5	30-Jul-11	AG/MG		0.84	20.56	11.49	67.3	98	14.4	7.5	386	3.88	12	0.4	1.2
Shb1050428	603004	6084896			10	0	light brn	5	sub ang	CF	10			Average of Shb1050428 & Shb1050429	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050430	603049	6084894	1086									30-Jul-11			0.71	12.49	8.33	80.5	194	16.2	16.7	783	3.85	10.7	0.3	1.8
Shb1050431	603099	6084900	1081									30-Jul-11			1.79	26.74	13.38	89	145	8.2	5.3	336	3.43	9.8	0.5	0.6
Shb1050432	603149	6084903	1079									30-Jul-11			1.19	17.59	7.73	171.4	73	9.8	9.1	1939	6.3	11.6	0.4	0.4

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1050378	<0.1	46.6	0.2	0.29	0.06	44	0.66	0.04	20.5	18.5	0.3	113.1	0.022	1	1.77	0.015	0.04	<0.1	3.6	0.1	0.03	91	0.3	<0.02	6.2	1.61	<0.1	<0.02	0.43	4.3	0.3	<0.05	0.3	26.35	22.6	0.03	<1	0.5	27	<10	<2
Shb1050379	0.8	11.7	0.25	0.34	0.12	90	0.06	0.062	4.6	18	0.14	90.1	0.055	1	1.9	0.006	0.04	0.1	2.6	0.07	0.02	114	0.1	0.03	10.6	0.64	<0.1	0.03	2.37	4.4	0.8	<0.05	2.1	1.59	9.3	0.03	<1	0.2	6.1	<10	<2
Shb1050380	<0.1	50.6	0.23	0.28	0.06	63	0.39	0.052	9.4	19.1	0.33	196.4	0.019	1	2.07	0.009	0.06	<0.1	3	0.07	<0.02	83	<0.1	<0.02	7	1.21	<0.1	<0.02	0.62	8.2	0.3	<0.05	0.2	7.73	15.4	0.04	<1	0.4	16.8	<10	<2
Shb1050381	0.1	15.6	0.23	0.35	0.05	63	0.14	0.028	4.4	12.5	0.14	111.3	0.042	1	1	0.008	0.04	<0.1	1.9	0.05	<0.02	30	<0.1	0.03	6	0.58	<0.1	<0.02	0.74	5.5	0.4	<0.05	0.6	1.72	9.2	<0.02	<1	0.2	5.5	<10	<2
Shb1050382	0.6	17.2	0.29	0.47	0.07	91	0.14	0.166	4.1	20.1	0.36	128.1	0.06	2	1.67	0.008	0.04	0.1	3.2	0.06	<0.02	44	0.2	0.04	8.5	0.93	<0.1	0.03	2.29	6	0.5	<0.05	2	2.36	8.1	0.04	<1	0.3	16	<10	<2
Shb1050383	0.6	10.8	0.45	0.42	<0.02	70	0.1	0.064	3.8	17.7	0.27	94.7	0.046	1	2.2	0.006	0.03	0.1	2.6	0.05	<0.02	58	0.2	<0.02	6.4	0.86	<0.1	0.04	1.92	5.1	0.6	<0.05	2.4	1.88	7.6	0.03	<1	0.3	16.8	<10	<2
Shb1050384	0.6	14.6	0.38	0.38	0.08	91	0.15	0.337	3.8	21.4	0.33	109.5	0.047	2	2.21	0.006	0.05	0.2	2.9	0.05	0.02	128	0.2	<0.02	8.4	0.96	<0.1	0.04	2.79	4.8	0.6	<0.05	1.5	1.92	8.2	0.03	<1	0.3	17.3	<10	<2
Shb1050385	<0.1	28.25	0.715	0.435	0.05	71	0.4	0.065	7.75	16.95	0.255	126	0.0385	2	1.465	0.0075	0.045	0.1	2.2	0.06	0.04	86.5	0.1	<0.02	6.8	1.06	<0.1	<0.02	1	6.35	0.35	<0.05	0.55	6.12	15.9	0.04	<1	0.3	11.85	<10	<2
Shb1050389	0.3	23.2	0.65	0.37	0.24	64	0.22	0.18	4.7	16.6	0.32	175	0.04	2	2.23	0.009	0.05	0.2	3.3	0.09	0.03	131	0.3	<0.02	6.4	1.08	<0.1	0.02	1.9	5.9	0.4	<0.05	1	3.6	11.9	0.05	<1	0.4	14.4	<10	<2
Shb1050390	0.1	30.5	0.32	0.43	0.13	66	0.37	0.038	6.4	18.7	0.3	146.9	0.051	1	2.02	0.015	0.04	<0.1	3.1	0.07	0.05	100	0.3	0.02	7	0.76	<0.1	0.02	1.12	4.7	0.2	<0.05	1.2	4.95	11.4	0.05	<1	0.2	7.2	<10	<2
Shb1050391	0.2	58.6	0.22	0.45	0.07	58	0.8	0.054	11.1	19.4	0.4	157.7	0.031	2	1.76	0.012	0.07	<0.1	4.9	0.09	0.03	90	0.2	0.03	5	0.92	<0.1	<0.02	0.49	6.4	0.3	<0.05	0.7	13.35	17.4	0.03	<1	0.5	13.6	<10	<2
Shb1050392	0.6	20.6	0.56	0.45	0.06	72	0.14	0.215	4.2	21	0.26	140.9	0.051	2	2.14	0.008	0.04	0.1	3.6	0.05	0.02	92	0.2	<0.02	7	0.88	<0.1	0.04	0.95	4.7	0.2	<0.05	2.1	3.19	9.8	0.04	<1	0.4	7.7	<10	<2
Shb1050393	1.3	16.4	0.57	0.62	0.14	74	0.12	0.096	4	19.1	0.3	106.1	0.057	2	2.49	0.005	0.03	0.1	3.6	0.06	<0.02	72	0.1	<0.02	6.1	0.99	<0.1	0.12	0.99	6.8	0.5	<0.05	4.4	2.4	8.1	0.06	<1	0.3	16.5	<10	<2
Shb1050394	1.1	21.8	0.56	0.84	0.18	93	0.2	0.156	4.8	23.1	0.44	143.2	0.058	3	2.4	0.007	0.04	0.2	4.4	0.07	<0.02	37	0.2	0.04	7.8	1.17	<0.1	0.06	1.06	7.5	0.6	<0.05	2.2	3.3	10.2	0.05	1	0.3	16.9	<10	<2
Shb1050395	0.4	18.6	0.72	0.66	0.16	78	0.12	0.135	4.8	21.8	0.34	149	0.025	2	2.45	0.006	0.04	0.2	3.8	0.07	0.03	90	0.2	0.02	6.5	1.11	<0.1	<0.02	1.1	6.2	0.5	<0.05	0.6	3.45	16.1	0.07	<1	0.4	13.6	<10	<2
Shb1050396	1.1	18	0.79	0.48	0.11	59	0.14	0.128	4.8	19.1	0.21	134.2	0.037	2	3.21	0.004	0.03	0.1	3.2	0.05	0.03	120	0.2	0.03	5.4	0.97	<0.1	0.1	1.73	6.5	0.5	<0.05	3.3	2.78	9.7	0.04	<1	0.4	14.2	<10	<2
Shb1050397	1.2	42.4	0.17	0.73	0.12	50	0.27	0.045	7.5	15	0.32	113.4	0.039	3	1.65	0.02	0.05	<0.1	3.7	0.07	0.03	33	0.1	0.03	4.1	0.84	<0.1	0.02	0.41	4.5	0.3	<0.05	0.8	5.69	20.1	0.03	<1	0.4	9.6	<10	<2
Shb1050398	1	20.8	0.45	0.67	0.09	70	0.21	0.255	5	16.9	0.39	131.7	0.057	3	1.67	0.006	0.04	0.1	4.2	0.06	<0.02	59	0.2	<0.02	5.2	0.92	<0.1	0.04	0.41	6.3	0.4	<0.05	1.8	4.73	11.3	0.04	1	0.4	10.8	<10	<2
Shb1050399	1	14.1	0.75	0.68	0.14	112	0.1	0.185	4.6	20.7	0.33	143.6	0.075	2	2.01	0.006	0.03	0.2	3.6	0.06	<0.02	54	0.1	0.03	8.6	0.82	<0.1	0.05	1.11	5.2	0.6	<0.05	1.8	2.49	8.3	0.05	<1	0.3	11.6	<10	<2
Shb1050400	1.3	35.9	0.3	0.6	0.1	59	0.31	0.183	5.6	18	0.3	117.5	0.039	2	3.59	0.005	0.06	0.2	4.8	0.1	0.02	134	0.4	0.02	5.8	2.65	<0.1	0.08	0.79	5.2	0.4	<0.05	3.2	4.79	16.8	0.05	<1	0.5	14.9	<10	<2
Shb1050401	0.4	31.9	0.22	0.62	0.13	83	0.66	0.048	5.5	22.4	0.47	203.5	0.035	4	2.32	0.01	0.04	0.1	3.6	0.08	<0.02	59	0.2	0.04	8.7	1.28	<0.1	<0.02	0.86	6.1	0.6	<0.05	0.3	3.81	9.7	0.05	<1	0.4	19.8	<10	<2
Shb1050402	0.1	34.1	0.16	0.32	0.1	37	0.59	0.043	7.4	13.4	0.26	150.5	0.015	2	1.6	0.011	0.04	<0.1	1.9	0.08	0.02	54	0.2	<0.02	6	0.84	<0.1	<0.02	0.41	5.2	0.5	<0.05	0.2	6.34	9.8	0.02	<1	0.2	12.5	<10	<2
Shb1050403	0.6	18.8	0.19	0.99	0.14	97	0.16	0.096	5	20.5	0.32	152.3	0.035	2	1.9	0.007	0.04	0.1	3.6	0.06	<0.02	42	0.2	0.03	7.8	0.8	<0.1	<0.02	0.65	5.6	0.6	<0.05	0.4	2.53	9.3	0.04	<1	0.3	12.7	<10	<2
Shb1050404	0.9	17.7	0.41	0.78	0.12	68	0.12	0.067	4.5	23.4	0.39	151.1	0.025	2	2.62	0.005	0.03	0.1	4	0.06	0.03	116	0.3	0.03	6	1.03	<0.1	0.04	0.91	5.6	0.4	<0.05	1.4	2.81	10	0.07	<1	0.2	17.9	<10	<2
Shb1050405	0.9	51.9	0.22	0.43	0.1	68	0.6	0.032	8.6	24.3	0.55	173.8	0.041	2	2.29	0.021	0.06	<0.1	5.7	0.11	<0.02	36	<0.1	<0.02	6.5	1.62	<0.1	0.04	0.61	6.2	0.5	<0.05	2.7	7.94	15.9	0.05	<1	0.4	18	<10	<2
Shb1050406																																									
Shb1050407	1	14.5	0.23	0.74	0.13	82	0.11	0.08	3.6	22.4	0.29	89.7	0.022	1	2.8	0.004	0.03	0.1	3.5	0.06	0.02	99	0.3	0.02	7.1	0.67	<0.1	0.07	1.11	5.7	0.4	<0.05	2.9	1.62	6.7	0.05	<1	0.2	16.1	<10	<2
Shb1050408	0.1	21.2	0.25	0.47	0.14	53	0.15	0.104	5.3	11.5	0.2	82.4	0.013	2	2.62	0.006	0.04	0.2	1.5	0.1	0.04	111	0.2	0.05	7	0.83	<0.1	0.03	1.06	3.8	0.5	<0.05	0.5	2.25	10.1	0.04	<1	0.3	13.4	<10	<2
Shb1050409	0.6	15.3	0.24	0.77	0.13	80	0.1	0.207	4.2	18.9	0.31	113.5	0.037	2	2.31	0.005	0.04	0.1	3.3	0.08	0.02	61	0.2	0.02	6.9	0.86	<0.1	<0.02	0.84	5.4	0.4	<0.05	0.8	2.26	8.1	0.05	<1	0.1	10.5	<10	<2
Shb1050410	0.5	11.6	0.2	0.55	0.17	81	0.11	0.043	5	13.5	0.17	62.1	0.042	2	1.22	0.005	0.04	<0.1	2.3	0.07	<0.02	19	<0.1	0.03	8.7	0.46	<0.1	<0.02	1.06	4.1	0.8	<0.05	0.6	1.51	9.1	0.02	<1	0.1	4.3	<10	<2
Shb1050411	0.5	56.3	0.56	0.46	0.13	61	1.01	0.07	18.3	24.7	0.45	203.4	0.013	2	2.62	0.013	0.06	0.1	5.8	0.14	0.03	74	0.2	<0.02	7.1	1.63	<0.1	0.04	0.6	8	0.5	<0.05	1.2	23.38	20.2	0.05	<1	0.7	44.6	<10	<2
Shb1050412	0.2	46.4	0.33	0.37	0.12	46	1.25	0.06	10.4	15.7	0.25	85.6	0.034	2	3.68	0.009	0.04	0.2	2.8	0.06	0.05	122	0.4	<0.02	9.3	0.84	<0.1	0.04	2.27	3.4	0.6	<0.05	1.6	8.56	14.3	0.06	<1	0.4	18.2	<10	<2
Shb1050413	0.7	22.6	0.19	0.53	0.23	93	0.13	0.055	6	17	0.27	168.4	0.064	2	1.69	0.006	0.04	0.2	2.8	0.08	<0.02	36	0.1	0.04	10.5	0.69	<0.1	0.04	2.78	5.7	1.1	<0.05	1.4	2.51	10.4	0.03	<1	0.2	11.1	<10	<2
Shb1050414	0.4	45.8	0.4	0.49	0.13	73	0.73	0.036	13.5	23.1	0.43	116.4	0.028	2	2.01	0.011	0.05	<0.1	4.3	0.07	<0.02	32	<0.1	0.02	7.4	1.54	<0.1	<0.02	0.99	7.5	0.6	<0.05	0.8	11.64	14.2	0.05	<1	0.5	14	<10	<2
Shb1050415	0.6	54.4	0.51	0.63	0.17	82	0.67	0.081	15.8	29.8	0.66	213.8	0.039	3	3.15	0.013	0.09	0.1	7.8	0.25	0.02	92	0.4	0.04	8	2.72	0.1	0.04	0.49	11	0.5	<0.05	1.2	17.94	24.3	0.05	<1	0.4	23.7	<10	<2
Shb1050416	0.5	14.2	0.28	0.6	0.17	95	0.07	0.089	4.3	19.4	0.26	144.2	0.035	1	1.85	0.007	0.04	0.1	3.2	0.07	<0.02	66	0.3	0.06	8.4	0.8	<0.1	0.02	1.1	4.5	0.7	<0.05	0.6	1.9	8.5	0.03	<1	0.2	9	<10	<2
Shb1050417	0.7	18.5	0.24	0.55	0.13	69	0.18	0.104	6	20.7	0.31	137.2	0.015	<1	2.89	0.006	0.04	0.2	3.6	0.07	0.03	80	0.3	<0.02	7.5	1.25	<0.1	0.02	1.47	5.6	0.5	<0.05	1.1	4.47	11.5	0.05	<1	0.4	20.1	<10	<2
Shb1050418	0.7	20.4	0.43	0.69	0.13	83	0.17	0.061	7	23.3	0.39	123.6	0.033	2	2.97	0.004	0.05	0.1	4.5	0.09	0.02	44	0.3	0.03	8.8	1.43	<0.1	<0.02	1.18	8.4	0.6	<0.05	0.7	5.89	14.5	0.06	<1	0.5	17.2	<10	<2
Shb1050419	0.4	39	0.39	0.63	0.11	70	0.65	0.047	12.7	24.9	0.59	171	0.025	3	2.3	0.012	0.06	<0.1	5.1	0.08	<0.02	33	0.2	0.02	6.5	2.07	<0.1	0.02	0.57	9.1	0.5	<0.05	2	12.84	22.7	0.04	<1	0.5	21.3	<10	<2
Shb1050420	0.2	31.7	0.32	0.53	0.14	87	0.4	0.044	11.6	22.8	0.33	161.8	0.031	3	2.09	0.008	0.05	0.1	3.4	0.07	0.02	42	0.1	0.02	8.3	1.13	<0.1	<0.02	1.11	5.1	0.7	<0.05	0.4	10.75	15.1	0.04	<1	0.3	18	<10	<2
Shb1050421	0.9	18	0.43	0.54	0.14	93	0.21	0.054	4.1	25.9	0.36	149.4	0.053	3	2.59	0.005	0.04	0.2	3.4	0.07	0.03	78	0.2	0.03	9.1	1.12	<0.1	0.06	4.21	6.9	0.8	<0.05	3	2.43	9.6	0.06	<1	0.3	13.8	<10	<2
Shb1050422	0.2	32.7	0.45	0.69	0.17	74	0.55	0.049	10.6	20.9	0.29	107.4	0.038	2	1.39	0.008	0.05	0.1	3	0.07	<0.02	33	0.1	0.05	6.7	1.9	<0.1	<0.02	0.9	9.2	0.7	<0.05	0.4	7.75	14.5	0.04	<1	0.3	7.2	<10	<2
Shb1050423	0.2	26.3	0.31	0.56	0.13	64	0.6	0.047	6.4	21.7	0.38	98.2	0.018	1	2.01	0.008	0.04	0.1	2.7	0.09	<0.02	36	0.3	<0.02	7.4	1.16	<0.1	<0.02	0.57	6.3	0.5	<0.05	0.4	4.04	10.6	0.03	<1	0.2	21	<10	<2
Shb1050424	0.5	38.2	0.53	0.52	0.15	66	0.96	0.077	9.4	26.5	0.47	140.4	0.016	3	2.39	0.011	0.08	<0.1	5.5	0.11	0.02	34	0.2	0.02	7.4	1.75	<0.1	0.07	0.82	11.3	0.6	<0.05	0.9	8.3	21.2	0.03	<1	0.6	24.2	<10	<2
Shb1050425	0.6	17.6	0.34	0.62	0.09	71	0.14	0.052	4.7	22	0.41	115.8	0.031	2	2.17	0.007	0.04	<0.1	3.5	0.07	<0.02	36	0.2	0.03	6	0.99	<0.1	<0.02	0.79	5.5	0.4	<0.05	0.5	2.42	9.5	0.04	<1	0.2	13.7	<10	<2
Shb1050428	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1050430	0.5	97.2	0.14	0.37	0.23	81	1.05	0.126	4.3	26	0.86	173.2	0.072	3	2.97	0.015	0.08	0.1	5.5	0.07	0.03	119	0.2	0.03	7.5	0.95	<0.1	0.13	0.65	3.7	0.6	<0.05	3.8	5.28	11	0.05	1	0.4	18.6	<10	<2
Shb1050431	0.5	27.9	0.35	0.59	0.28	82	0.61	0.047	6.6	16.5	0.24	126.7	0.014	2	1.75	0.01	0.03	0.2	3.2	0.09	<0.02	17	0.1	0.04	8.8	0.71	<0.1	<0.02	1.94	4.5	1	<0.05	0.3	3.4	11.7	0.05	<1	0.4	14.8	<10	<2
Shb1050432	1.4	51.3	0.2	0.35	0.21	64	0.15	0.1	6.6	14	0.43	167.8	0.006	2	4.81	0.007	0.04	0.1	6	0.09	0.02	77	0.2	0.03	9	1.49	<0.1	0.16	0.82	5	0.8	<0.05	4.5	7	20.6	0.09	<1	1	54.9	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1050433	603215	6084900	1081									30-Jul-11			1.08	15.24	10.33	77.7	138	8.6	4.5	344	3.54	8.9	0.3	1.4
Shb1050434	603248	6084903	1091									30-Jul-11			1.06	11.4	10.34	80.5	127	7.7	4.3	170	3.23	9.4	0.4	1.4
Shb1050435	603248	6085004	1058									30-Jul-11			1.44	10.4	9.43	58.8	238	5.8	4.1	195	4.34	11.3	0.3	0.9
Shb1050436	603198	6084993	1058									30-Jul-11			0.7	18.68	10.21	58.5	32	12.5	8.5	543	3.02	11	0.4	1.1
Shb1050437	603151	6085001	1053									30-Jul-11			0.87	14.69	10.34	88.9	93	12.7	6.3	305	4.47	14.5	0.4	1.2
Shb1050438	603100	6084997	1059									30-Jul-11			1.14	13.41	13.94	70.5	116	7.5	5	717	4.8	15.5	0.3	1
Shb1050439	603051	6085002	1060									30-Jul-11			0.77	13.99	8.87	71	123	13.1	7	330	4.35	10.4	0.4	0.3
Shb1050440	603001	6084997	1052	B	5	0	light brn	5	sub rnd	CF	5	31-Jul-11	AG/MG	Cut Block	0.9	16.57	8	71.6	62	12	6.7	317	3.24	9.8	0.4	1.2
Shb1050441	602951	6084997	1057	B	10	0	dark brn	5	sub rnd	CF	5	31-Jul-11	AG/MG	CB	1.35	18.92	10.27	52.7	147	8.6	4	203	3.12	13.9	0.5	0.9
Shb1050442	602900	6084997	1062	B	10	MS	redish brn	20	sub rnd	CF	5	31-Jul-11	AG/MG	CB	1.35	31.78	9.16	92.2	208	17.9	13	570	4.04	14.5	0.7	1.2
Shb1050443	602849	6084997	1058	B	20	MS	light brn	10	sub rnd	CF	5	31-Jul-11	AG/MG	CB	1.44	82.69	12.91	140.7	707	30.9	14.8	1433	4.44	18.6	1.2	1.9
Shb1050444	602802	6084999	1055	B	15	0	brn	10	sub ang	CF	5	31-Jul-11	AG/MG	CB	0.69	25.2	6.25	80	163	15.6	7.1	441	2.77	8.9	0.4	0.8
Shb1050445	602751	6085001	1055	B	10	0	light brn	0	-	CF	5	31-Jul-11	AG/MG	CB	0.74	29.08	9.73	96.4	173	18.7	10.1	1082	3.48	15.8	0.6	0.9
Shb1050446	602751	6085098	1039	B	15	0	redish brn	10	sub rnd	CF	5	31-Jul-11	AG/MG	CB	0.88	15.98	7.83	71.4	65	14.8	7.7	253	4.16	12	0.4	1.1
Shb1050447	602798	6085100	1036	B	10	0	redish brn	5	sub rnd	CF	5	31-Jul-11	AG/MG	CB	1.02	16.96	9.23	72.1	80	13.5	6.3	306	3.63	13.3	0.4	0.5
Shb1050448	602848	6085100	1031	B	20	MS	light brn	15	sub rnd- sub ang	CF	5	31-Jul-11	AG/MG	CB	1.28	27.52	8.17	107.6	195	21.8	9.3	428	3.77	13.4	0.6	0.8
Shb1050449	602898	6085094	1029	B	10	MS	dark brn	20	sub rnd	CF	10	31-Jul-11	AG/MG	CB	1.27	25.79	9.9	84.1	230	10.7	6.8	398	3.47	11.1	0.6	0.6
Shb1050450	602948	6085102	1026	B	20	0	light brn	5	sub rnd	CF	10	31-Jul-11	AG/MG	Edge of CB	1.15	31.39	11.78	79.4	129	13.2	8.6	920	3.55	12.4	0.6	0.7
Shb1050451	603553	6084601	1181	B	15	gentle	rusty orange	20	sub rnd	CF	10	29-Jul-11	AC/BA		0.93	13.6	11.07	86.9	129	9	5.7	304	4.89	15.9	0.3	0.2
Shb1050452	603601	6084599	1182	B	15	mod slope	rusty red	20	sub ang	CF	10	29-Jul-11	AC/BA	up the hill from a creek	1.53	29.59	9.53	152.6	275	21.1	10.8	610	5.92	11.8	0.6	0.6
Shb1050453	603656	6084604	1184	B	10	mod slope	brn grey	20	sub ang sub rnd	CF	3	29-Jul-11	AC/BA		0.65	8.08	5.21	16.2	34	1.8	1.2	78	1.33	2.3	0.2	<0.2
Shb1050454	603707	6084598	1188	B	10	flat	red brn	15	sub ang	CF	15	29-Jul-11	AC/BA	Edge of Bog	1.18	19.82	10.94	90.1	71	10.5	5.6	239	5.57	13.1	0.3	<0.2
Shb1050455	603756	6084598	1181	B	30	mod steep	rusty brn	5	sub ang	CF	10	29-Jul-11	AC/BA		1.57	14.19	12.26	115.4	79	11.8	7.2	283	4.85	17.5	0.4	0.2
Shb1050456	603757	6084706	1134	B	15	steep	brn grey	0	-	CF	5	29-Jul-11	AC/BA		1.01	19.09	8.98	104.8	82	17.9	12.9	1923	3.4	9	0.9	0.3
Shb1050457	603700	6084701	1144	B	15	steep	rusty red	15	sub ang	CF	20	29-Jul-11	AC/BA		1.59	9.26	9.85	53.3	25	6	3.9	211	3.36	12.4	0.3	<0.2
Shb1050458	603646	6084702	1141	B	15	steep	rusty brn	5	sub rnd	CF	15	29-Jul-11	AC/BA	Near stream	1.66	26.05	9.45	141.6	126	20.3	13.3	766	3.74	9.2	0.6	<0.2
Shb1050459	603604	6084704	1139	B	10	steep	rusty brn	20	sub rnd	CF	10	29-Jul-11	AC/BA	Off line due to stream	0.8	17.37	8.13	64.8	59	13.1	10.9	751	3.13	8.2	0.4	1.1
Shb1050460	603549	6084701	1152	B	10	steep	rusty brn	10	sub rnd	CF	3	29-Jul-11	AC/BA		1.06	28.05	10.79	123.1	160	21.6	11.5	773	3.97	14.3	0.7	0.4
Shb1050461	603499	6084700	1152	B	15	mod steep	brn	10	sub ang	CF	0	29-Jul-11	AC/BA	Boggy area, hit water table	3.72	27.99	9.75	122.9	263	20.4	13.9	6841	3.15	9.9	0.6	0.6
Shb1050462	603444	6084700	1151	B	15	mod steep	rusty brn	20	sub ang	CF	5	29-Jul-11	AC/BA		2.03	26.01	12.57	141.1	163	15.6	10.4	907	4.59	12.9	0.5	<0.2
Shb1050463	603402	6084700	1146	B	10	gentle	red brn	5	sub rnd	CF	5	29-Jul-11	AC/BA		1.03	16.48	15.13	63.6	61	10.5	5.4	240	4.02	12.6	0.4	<0.2
Shb1050464	603349	6084697	1149	B	15	mod slope	rusty red brn	20	sub rnd	CF	10	29-Jul-11	AC/BA		0.98	13.25	10.02	50.1	186	6.6	3.6	173	3.69	11	0.3	<0.2
Shb1050465	603298	6084698	1143	B	10	mod slope	red brn	40	sub ang	CF	5	29-Jul-11	AC/BA	Near stream	1.67	12.45	15.5	36.2	392	3.7	2.3	148	2.54	6.9	0.2	<0.2
Shb1050466	603300	6084801	1120	B	10	mod slope	red brn	10	sub rnd	CF	5	29-Jul-11	AC/BA	next to stream	0.79	10.8	9.98	52.9	58	7.8	4	186	4.04	11.9	0.3	1
Shb1050467	603350	6084799	1123	B	10	steep	rusty orange	15	sub ang- sub rnd	CF	5	29-Jul-11	AC/BA	next to stream	1.15	12.93	11.2	67.6	108	10.5	6	368	4.25	12.3	0.4	0.5
Shb1050468	603401	6084801	1128	B	10	steep	red brn	15	sub ang	CF	3	29-Jul-11	AC/BA		1.03	12	10.11	54	89	8.2	5.2	306	4.19	12.8	0.3	0.4
Shb1050469	603451	6084796	1126	B	10	mod steep	red brn	40	sub ang	CF	0	29-Jul-11	AC/BA		0.84	12.37	10.18	38.6	125	5.9	3.3	209	4.54	15.9	0.4	0.2
Shb1050470	603497	6084801	1120	B	10	mod steep	rusty red	35	sub ang	CF	10	29-Jul-11	AC/BA		2.49	12.95	11.71	62.8	117	7.6	5.3	276	4.53	10.9	0.4	1.2
Shb1050471	603550	6084800	1118	B	15	mod steep	reusty red	15	sub ang	CF	10	29-Jul-11	AC/BA		0.93	10.71	7.84	70.9	101	8.5	4.8	314	3.22	8.9	0.3	4.1
Shb1050472	603603	6084801	1102	B	10	gentle	red brn	5	sub ang	CF	3	29-Jul-11	AC/BA		0.98	16.29	8.96	77.5	67	14.5	8.7	647	3.25	10	0.4	<0.2
Shb1050475	603652	6084838	1090	B	15	mod slope	grey brn	5	sub rnd	CF	0	30-Jul-11	AC/BA	Clay rich, next to stream. Average of Shb1050476 & Shb1050475	0.815	22.38	8.345	70.35	30	18.2	10.4	767.5	3.08	11.3	0.5	1.2
Shb1050477	603703	6084799	1117	B	10	steep	light brn	5	sub rnd	CF	5	30-Jul-11	AC/BA		0.86	21.89	7.5	78.9	40	16.5	8.9	439	3.19	10.7	0.4	0.4
Shb1050478	603750	6084796	1099	B	15	mod slope	rusty brn	5	sub rnd	CF	5	30-Jul-11	AC/BA		0.86	21.08	9	89	96	17.5	9.6	540	3.31	11.5	0.5	0.7
Shb1050479	603753	6084903	1056	B	10	mod slope	brn	5	sub rnd	CF	10	30-Jul-11	AC/BA	next to stream	0.74	16.79	7.37	66.3	46	13.3	8.9	635	2.62	8.4	0.5	0.7
Shb1050480	603697	6084906	1066	B	15	mod slope	red brn	0	-	CF	5	30-Jul-11	AC/BA	deep organic layer	0.98	13.27	9.67	75.5	97	9.4	4.9	354	3.71	11.5	0.3	<0.2
Shb1050481	603646	6084904	1075	B	15	mod slope	rusty brn	3	sub rnd	CF	5	30-Jul-11	AC/BA		0.78	13.67	6.3	74	131	13.4	6.2	350	2.97	7.8	0.3	<0.2
Shb1050482	603600	6084902	1082	B	10	gentle	red brn	10	sub rnd	CF	10	30-Jul-11	AC/BA		0.77	15.53	8.11	90.9	72	14	8.6	485	3.12	9.1	0.4	<0.2
Shb1050483	603550	6084897	1083	B	10	mod slope	med brn	5	sub rnd	CF	5	30-Jul-11	AC/BA		0.91	23.05	10.03	87.6	117	16.3	8.5	787	3.04	9.3	0.5	0.3
Shb1050484	603497	6084901	1083	B	15	mod slope	rusty red	0	-	CF	10	30-Jul-11	AC/BA		0.91	15.8	7.6	82.3	87	15.7	9.3	524	3.13	8.7	0.5	0.3

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1050433	0.3	30.8	0.3	0.53	0.27	71	0.23	0.134	4.6	14.5	0.28	124.4	0.033	4	2.12	0.013	0.05	0.2	2.9	0.07	0.03	79	<0.1	0.06	10.5	1.34	<0.1	<0.02	1.1	4.7	1.1	<0.05	0.2	2.13	8.8	0.04	<1	0.2	13	<10	<2
Shb1050434	0.7	22.3	0.23	0.48	0.18	63	0.19	0.046	5.2	14.3	0.24	121.1	0.017	1	1.96	0.008	0.04	0.2	2.7	0.05	<0.02	40	<0.1	0.02	8.2	1.01	<0.1	<0.02	2.31	6	1	<0.05	0.7	2.49	9.1	0.03	<1	0.3	16.6	<10	<2
Shb1050435	0.6	32	0.26	0.53	0.22	85	0.09	0.157	5.2	13.9	0.17	139.7	0.032	2	1.86	0.006	0.03	0.2	2.4	0.07	<0.02	83	0.3	0.06	9.1	1.08	<0.1	0.03	2.08	3.8	1.2	<0.05	0.6	2.34	9.4	0.04	<1	0.2	8.4	<10	<2
Shb1050436	1	30.6	0.19	0.71	0.11	60	0.15	0.026	5.6	16	0.36	120.1	0.038	2	1.68	0.009	0.04	0.1	3.4	0.06	<0.02	44	0.1	<0.02	4.2	0.78	<0.1	0.02	0.42	4.1	0.4	<0.05	1	3.18	14.9	0.04	<1	0.4	10.6	<10	<2
Shb1050437	1	16.1	0.17	0.72	0.15	74	0.1	0.093	4.7	20.4	0.36	127.6	0.028	2	2.45	0.006	0.03	0.1	3.9	0.06	<0.02	99	0.1	0.04	6.9	0.92	<0.1	0.06	1.34	4.4	0.6	<0.05	2.7	2.77	8.8	0.06	<1	0.3	15.9	<10	<2
Shb1050438	0.8	13.4	0.24	0.64	0.2	96	0.08	0.24	4.2	18.1	0.19	99	0.03	2	2.05	0.005	0.04	0.2	2.5	0.08	0.02	111	0.3	0.04	9.7	0.55	<0.1	0.03	2.11	3.7	0.8	<0.05	1.4	1.46	7.6	0.03	<1	0.2	6.5	<10	<2
Shb1050439	1	49.2	0.23	0.36	0.12	74	0.21	0.176	4.1	18.6	0.38	224.9	0.024	2	2.85	0.007	0.04	0.1	4.1	0.07	<0.02	63	0.2	0.03	7	0.91	<0.1	0.1	0.94	5.8	0.6	<0.05	3.4	2.6	8.2	0.04	<1	0.3	14.2	<10	<2
Shb1050440	0.7	37.9	0.24	0.49	0.13	69	0.17	0.032	6.5	15.5	0.34	156.9	0.029	2	1.95	0.009	0.04	0.1	3.4	0.07	<0.02	57	<0.1	0.03	6.6	0.94	<0.1	<0.02	0.72	5.7	0.6	<0.05	0.4	5	12.3	0.04	<1	0.3	13.4	<10	<2
Shb1050441	0.2	17.8	0.5	0.54	0.33	75	0.18	0.045	5.3	15.5	0.2	106.1	0.032	2	1.64	0.007	0.03	0.1	2.2	0.06	0.04	94	0.2	0.02	8.2	0.82	<0.1	<0.02	0.88	3.4	0.6	<0.05	0.4	2.92	9.3	0.03	<1	0.2	7.9	<10	<2
Shb1050442	1.5	57.3	0.22	0.63	0.16	66	0.7	0.074	10.8	21.7	0.49	146.7	0.036	2	4.3	0.01	0.08	0.2	8.3	0.13	<0.02	105	0.4	0.04	8.4	1.41	<0.1	0.18	1.23	5.2	0.6	<0.05	5.2	12.74	26.3	0.07	<1	0.5	24.5	<10	<2
Shb1050443	0.7	44.8	0.81	0.82	0.23	70	1.1	0.117	17	31.9	0.66	209.7	0.011	3	3.69	0.011	0.09	0.1	6.1	0.18	0.04	97	0.4	0.04	8.3	2.74	<0.1	0.06	1.1	11.7	0.7	<0.05	1.6	14.65	18.8	0.09	<1	1.3	29	<10	<2
Shb1050444	0.6	26.2	0.31	0.55	0.11	55	0.35	0.028	9.9	19.7	0.45	104.8	0.015	1	1.63	0.008	0.03	<0.1	3.6	0.07	<0.02	20	<0.1	0.03	5.2	1.21	<0.1	<0.02	0.5	6	0.4	<0.05	0.3	7.81	18.3	0.03	<1	0.3	16.5	<10	<2
Shb1050445	0.5	49.8	0.28	0.57	0.11	72	0.81	0.081	9.3	24	0.59	239.6	0.021	4	2.43	0.013	0.06	<0.1	6	0.1	0.02	45	0.2	<0.02	6.6	1.44	<0.1	0.04	0.49	6	0.5	<0.05	0.9	11.57	17.6	0.05	<1	0.5	24.6	<10	<2
Shb1050446	1.1	52.4	0.08	0.59	0.11	67	0.27	0.088	4.4	19.2	0.37	186.5	0.034	2	3.41	0.008	0.05	0.1	4.7	0.07	<0.02	78	0.3	0.03	6.5	1.17	<0.1	0.12	1.06	7.1	0.5	<0.05	3.8	2.73	8.6	0.06	<1	0.4	23.8	<10	<2
Shb1050447	1	14.9	0.32	0.71	0.11	57	0.11	0.041	4.2	20.3	0.36	126.7	0.025	2	2.61	0.008	0.03	0.1	3.3	0.05	0.03	112	0.2	<0.02	5.3	0.88	<0.1	0.05	1.45	3.7	0.4	<0.05	2.1	2.04	8	0.04	<1	0.3	17.8	<10	<2
Shb1050448	0.6	39.6	0.36	0.58	0.11	61	0.42	0.074	7.9	22.9	0.49	149.2	0.015	2	3.2	0.007	0.05	0.1	3.9	0.09	0.02	92	0.3	0.04	6.7	1.44	<0.1	0.05	1.34	7.1	0.5	<0.05	1.1	6.66	14.9	0.06	<1	0.5	28.2	<10	<2
Shb1050449	0.6	22.5	0.32	0.52	0.14	63	0.39	0.101	6.7	17.3	0.22	99.9	0.02	2	2.66	0.007	0.06	0.2	3.5	0.09	0.03	71	0.2	0.04	7.6	1.58	<0.1	0.02	1.46	7.8	0.6	<0.05	0.8	3.39	11.3	0.04	1	0.4	14.7	<10	<2
Shb1050450	0.7	36.8	0.42	0.55	0.15	75	0.41	0.041	12	20.6	0.34	112.1	0.023	2	1.97	0.01	0.05	0.2	5	0.1	<0.02	32	0.1	0.04	6.8	1.47	<0.1	<0.02	0.88	7.1	0.6	<0.05	0.4	11.04	16.2	0.04	<1	0.5	14.6	<10	<2
Shb1050451	1.1	9.5	0.3	0.77	0.14	105	0.05	0.064	4	20.4	0.29	99.2	0.048	2	2.01	0.005	0.03	0.2	3.3	0.07	<0.02	55	0.1	0.04	8.8	0.97	<0.1	0.1	1.55	5.6	0.8	<0.05	3.7	1.91	7.8	0.04	<1	0.3	11.2	<10	<2
Shb1050452	1	68	0.39	0.67	0.17	74	0.17	0.315	6.2	24	0.55	261.6	0.007	2	5.04	0.008	0.1	0.2	6.9	0.12	0.05	149	0.4	0.04	11.4	4.75	<0.1	0.1	1.17	8.7	0.8	<0.05	2.9	4.04	13.4	0.07	<1	0.5	50.4	<10	<2
Shb1050453	0.1	16	0.05	0.33	0.11	37	0.03	0.018	4.8	5.8	0.04	56.9	0.017	2	0.63	0.005	0.03	<0.1	0.8	0.06	<0.02	15	<0.1	<0.02	4.5	0.85	<0.1	<0.02	0.17	2.1	0.7	<0.05	<0.1	1.27	8.7	<0.02	<1	<0.1	0.7	<10	<2
Shb1050454	1	10.6	0.28	0.65	0.15	86	0.06	0.04	3.9	21.8	0.29	69.1	0.039	2	2.6	0.005	0.04	0.2	3.6	0.05	0.02	81	0.2	0.04	9.8	0.93	<0.1	0.07	2.35	4.3	0.7	<0.05	3	1.44	7.3	0.04	<1	0.2	16.3	<10	<2
Shb1050455	0.5	32.7	0.24	0.66	0.17	101	0.55	0.138	5.7	20.1	0.35	143.2	0.029	2	2.32	0.008	0.04	0.1	3.8	0.07	<0.02	37	<0.1	0.04	11.2	1.36	<0.1	<0.02	1.22	6.3	0.8	<0.05	0.2	2.99	9.7	0.04	<1	0.3	23.3	<10	<2
Shb1050456	1.1	54.7	0.29	0.45	0.1	65	0.49	0.048	26.5	21.4	0.46	168.8	0.027	1	2.68	0.014	0.05	<0.1	8.6	0.13	<0.02	65	0.1	<0.02	6.5	1.21	0.1	0.05	0.42	6.2	0.5	<0.05	1.3	26.97	29	0.04	<1	0.9	29.7	<10	<2
Shb1050457	0.7	16.2	0.1	0.64	0.16	90	0.06	0.088	4.7	12.1	0.18	79.2	0.024	1	1.45	0.007	0.03	0.2	2.5	0.06	<0.02	48	0.1	<0.02	9.5	0.42	<0.1	<0.02	1.83	2.8	1	<0.05	0.9	1.68	8.1	0.03	<1	0.2	5.2	<10	<2
Shb1050458	0.6	41.4	0.32	0.53	0.14	65	0.55	0.078	17.1	20.1	0.37	186.5	0.019	1	3.01	0.012	0.05	0.2	4.9	0.12	0.02	70	<0.1	<0.02	7.5	1.32	<0.1	0.02	0.72	4.6	0.6	<0.05	0.5	13.15	27.2	0.05	<1	0.7	33.1	<10	<2
Shb1050459	0.6	53.7	0.23	0.51	0.08	67	0.33	0.057	6.7	16.9	0.36	131.7	0.061	3	1.66	0.012	0.06	<0.1	3.8	0.05	<0.02	29	0.1	<0.02	4.6	0.74	<0.1	<0.02	0.39	4.6	0.4	<0.05	0.8	5.09	16.4	0.03	<1	0.4	10.5	<10	<2
Shb1050460	1.2	40.8	0.25	0.77	0.12	74	0.6	0.114	19	24.4	0.5	205.3	0.038	3	3.69	0.013	0.06	0.1	7.1	0.09	<0.02	117	0.4	0.03	8	1.83	<0.1	0.03	0.91	8	0.7	<0.05	1.1	19.65	37.2	0.06	<1	0.9	56	<10	<2
Shb1050461	0.4	86.6	0.93	0.65	0.12	54	1.58	0.091	33.9	20.1	0.43	235.3	0.019	2	2.38	0.014	0.06	<0.1	6.5	0.25	0.05	100	0.7	<0.02	6	1.82	<0.1	0.04	0.37	7.3	0.4	<0.05	0.9	45.15	47.7	0.05	2	0.7	32.5	<10	<2
Shb1050462	0.7	99.9	0.24	0.72	0.16	80	1.06	0.076	17.3	20.8	0.5	173.6	0.01	2	3.21	0.015	0.07	0.2	5.6	0.1	<0.02	41	<0.1	0.03	10.3	2.04	<0.1	0.03	0.97	6.8	0.9	<0.05	0.9	15.09	16.2	0.06	<1	0.7	30.4	<10	<2
Shb1050463	0.5	12.8	0.36	0.64	0.12	75	0.07	0.085	3.9	18.4	0.27	90	0.018	1	2.06	0.006	0.03	0.1	3.1	0.06	0.02	73	0.2	<0.02	6.6	0.76	<0.1	0.02	1.12	3.9	0.5	<0.05	0.8	1.65	7.3	0.04	<1	0.2	13.5	<10	<2
Shb1050464	0.8	19.1	0.14	0.64	0.13	78	0.11	0.13	4.6	14.1	0.16	106.5	0.019	1	1.66	0.006	0.03	0.2	2.8	0.06	0.02	48	0.2	0.03	7.3	0.43	<0.1	0.03	0.97	4.4	0.6	<0.05	1	1.87	9.1	0.03	<1	0.2	7.7	<10	<2
Shb1050465	0.2	43.8	0.15	0.36	0.16	40	1.11	0.217	3.6	7.8	0.13	44.8	0.033	1	2.81	0.017	0.07	0.3	1.8	0.08	0.03	94	0.2	0.03	10	0.43	<0.1	0.05	1.31	4	0.8	<0.05	1.2	1.07	6.3	0.03	1	0.1	3.3	<10	<2
Shb1050466	0.7	13.9	0.15	0.59	0.17	82	0.09	0.107	3.5	16	0.22	78.1	0.035	2	1.96	0.005	0.03	0.1	2.5	0.03	0.02	56	0.2	0.04	7.2	1.09	<0.1	0.03	0.91	3.8	0.5	<0.05	1.4	1.57	6.9	0.04	<1	0.3	9.8	<10	<2
Shb1050467	1	35.4	0.06	0.63	0.15	72	0.06	0.056	4.5	15.9	0.27	104.4	0.022	1	2.75	0.004	0.04	<0.1	3.4	0.04	<0.02	56	0.3	0.03	6.6	1.15	<0.1	0.09	0.97	4.6	0.6	<0.05	3.6	2.4	9.5	0.05	<1	0.4	16.5	<10	<2
Shb1050468	0.8	17.9	0.17	0.55	0.14	95	0.1	0.061	4.4	17.5	0.23	98.2	0.044	1	2.13	0.006	0.03	0.1	2.8	0.04	0.03	50	0.2	0.04	8	0.65	<0.1	<0.02	1.31	3.6	0.7	<0.05	1.5	2.38	8.9	0.03	<1	0.3	11.2	<10	<2
Shb1050469	0.8	28.4	0.15	0.48	0.17	61	0.07	0.325	3.8	14.4	0.17	85.2	0.034	3	3.02	0.002	0.04	0.2	3.3	0.05	0.06	61	0.5	0.07	7	1.9	<0.1	0.06	0.86	4.6	0.5	<0.05	2	2.28	7.8	0.05	<1	0.3	6.6	<10	<2
Shb1050470	0.7	20.4	0.12	0.54	0.17	67	0.29	0.136	5.2	16.2	0.18	82.2	0.048	3	2.4	0.007	0.05	0.2	3.9	0.07	0.05	40	0.2	<0.02	7.5	1.16	<0.1	0.03	1.16	4.9	0.6	<0.05	1.4	3.03	9.1	0.05	<1	0.2	12.4	<10	<2
Shb1050471	0.4	18.3	0.11	0.44	0.14	64	0.13	0.094	4.4	13	0.25	96.4	0.025	<1	1.79	0.007	0.05	0.1	2.7	0.05	0.03	42	0.1	<0.02	7.2	1.65	<0.1	<0.02	1.23	5.7	0.6	<0.05	0.6	2.48	8.5	0.03	<1	0.2	10.4	<10	<2
Shb1050472	0.5	32.9	0.16	0.46	0.11	66	0.26	0.057	5.9	18.1	0.38	134.8	0.043	3	1.92	0.013	0.06	0.1	3.2	0.04	0.02	14	0.2	<0.02	5.9	1.04	<0.1	<0.02	0.47	6.1	0.5	<0.05	0.5	4.4	12.1	0.04	<1	0.3	11.4	<10	<2
Shb1050475	1.45	78.8	0.08	0.565	0.095	61.5	0.63	0.0495	10.25	18.55	0.425	205.75	0.0665	2.5	1.83	0.021	0.09	<0.1	6.1	0.05	<0.02	49.5	0.1	0.02	4.95	0.76	<0.1	0.02	0.225	4.85	0.4	<0.05	1.35	10.285	22.15	0.04	<1	0.4	10.7	<10	<2
Shb1050477	1.1	69.2	0.08	0.52	0.09	64	0.37	0.065	7.5	17.8	0.42	161	0.049	3	1.97	0.021	0.1	<0.1	4.8	0.05	<0.02	44	<0.1	0.03	4.9	0.67	<0.1	0.03	0.5	5	0.4	<0.05	1.3	5.76	15.7	0.04	<1	0.3	10.3	<10	<2
Shb1050478	1	32.5	0.18	0.54	0.1	65	0.19	0.035	6.6	18.6	0.41	180.8	0.044	2	2.4	0.016	0.05	0.1	4.3	0.05	<0.02	61	0.2	0.06	5.2	0.94	<0.1	<0.02	0.57	5.3	0.4	<0.05	0.9	4.35	14.4	0.04	<1	0.6	13.7	<10	<2
Shb1050479	1	62.2	0.12	0.55	0.08	53	0.43	0.064	9.1	14.2	0.33	149.3	0.053	3	1.48	0.018	0.06	<0.1	4.3	0.04	<0.02	25	0.1	0.02	3.7	0.68	<0.1	<0.02	0.35	4	0.3	<0.05	0.7	7.58	19.7	0.03	<1	0.3	8.6	<10	<2
Shb1050480	0.5	14.6	0.36	0.39	0.13	83	0.07	0.063	4.8	15.8	0.24	120.3	0.026	<1	1.94	0.006	0.04	0.1	2.7	0.03	0.03	45	0.2	0.03	8.2	0.71	<0.1	<0.02	1.78	5.3	0.7	<0.05	0.6	2.9	9.7	0.04	1	0.3	9.5	<10	<2
Shb1050481	0.5	34.2	0.2	0.37	0.08	60	0.22	0.057	5	15.2	0.36	134.7	0.033	<1	1.9	0.011	0.05	<0.1	3	0.03	0.02	21	0.2	0.03	5.3	0.9	<0.1	<0.02	0.49	5.5	0.4	<0.05	0.3	3.46	11	0.03	<1	0.3	11.2	<10	<2
Shb1050482	0.4	32.7	0.22	0.46	0.09	60	0.27	0.095	6.4	17.1	0.37	169.5	0.02	3	2.18	0.008	0.06	<0.1	3.4	0.04	0.02	34	<0.1	<0.02	5.7	1.04	<0.1	<0.02	0.57	6.8	0.4	<0.05	0.4	4.79	12.5	0.04	<1	0.4	13.5	<10	<2
Shb1050483	0.8	43	0.43	0.5	0.08	62	0.58	0.041	8.9	20.2	0.43	147.8	0.038	2	1.85	0.027	0.06	<0.1	4.9	0.05	<0.02	19	0.1	<0.02	5.2	1.06	<0.1	<0.02	0.58	7.4	0.4	<0.05	0.8	8.17	16.7	0.04	<1	0.4	12.4	<10	<2
Shb1050484	0.9	40.3	0.18	0.4	0.09	61	0.33	0.039	13.7	18.5	0.39	166.1	0.02	<1	2.39	0.016	0.05	<0.1	4.7	0.05	0.02	28	0.3	<0.02	5.6	1.19	<0.1	0.02	0.59	6.2	0.4	<0.05	0.9	13.41	21.4	0.04	<1	0.5	16.9	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1050485	603446	6084898	1086	B	15	mod slope	red brn	0	-	CF	5	30-Jul-11	AC/BA		1.06	17.52	7.87	72.3	98	10.8	6.9	359	2.64	7.2	0.5	<0.2
Shb1050486	603401	6084901	1082	B	25	mod slope	red brn	25	sub ang- sub rnd	CF	5	30-Jul-11	AC/BA		1.51	18.12	8.94	88.8	92	11.2	5.4	233	3.7	13.1	0.5	0.5
Shb1050487	603350	6084901	1083	B	15	gentle	red brn	15	sub ang	CF	10	30-Jul-11	AC/BA		1	17.05	9.28	96.9	139	11	7.3	624	4.39	11.1	0.3	<0.2
Shb1050488	603306	6084900	1081	B	15	gentle	rusty orange	5	sub rnd	CF	3	30-Jul-11	AC/BA		0.97	13.77	14.34	71.8	62	10.6	4.8	258	4.76	14.4	0.4	<0.2
Shb1050489	603302	6085000	1059	B	10	gentle	rusty brn	5	sub rnd	CF	10	30-Jul-11	AC/BA		1.16	12.45	9.93	83.4	210	10.7	5.9	324	4.02	14.3	0.3	<0.2
Shb1050490	603354	6085000	1062	B	15	gentle	rusty red	15	sub ang	CF	10	30-Jul-11	AC/BA		1.29	13.63	9.57	87.9	153	10.7	6.9	358	4.37	15.3	0.5	0.3
Shb1050491	603400	6084998	1059	B	20	gentle	red brn	10	sub rnd	CF	10	30-Jul-11	AC/BA		1.01	9.95	10.39	53.3	123	5.3	3.6	199	3.5	9.9	0.4	<0.2
Shb1050492	603457	6085008	1060	B	20	gentle	rusty brn	5	sub ang	CF	5	30-Jul-11	AC/BA		0.74	10.73	8.92	44.2	59	6.5	3.5	183	2.61	7.6	0.3	<0.2
Shb1050493	603498	6084999	1062	B	15	gentle	rusty red	15	sub ang	CF	5	30-Jul-11	AC/BA		1.07	15.41	10.07	75.1	88	9.1	4.7	300	4.2	14.7	0.4	<0.2
Shb1050494	603560	6084997	1061	B	10	gentle	rusty brn	5	sub rnd	CF	5	30-Jul-11	AC/BA		1.09	21.77	8.65	67.2	105	10.1	5.9	371	3.37	11.1	0.5	<0.2
Shb1050495	603605	6085000	1057	B	25	gentle	med brn	10	sub ang sub rnd	CF	3	30-Jul-11	AC/BA		0.69	13.47	7.32	51.6	73	9.9	4.5	245	2.4	7.4	0.4	0.4
Shb1050496	603652	6085000	1048	B	15	mod steep	rusty brn	3	sub ang	CF	3	30-Jul-11	AC/BA		0.98	20.07	7.64	69.8	144	11.3	6.2	374	3.01	9.8	0.6	0.4
Shb1050497	603704	6084997	1040	B	10	mod steep	med brn	0	-	CF	10	30-Jul-11	AC/BA		0.9	19.92	6.36	66.4	131	13	5.9	431	2.87	9	0.5	0.4
Shb1050498	603748	6085003	1033	B	15	mod steep	red brn	5	sub rnd	CF	5	30-Jul-11	AC/BA	next to stream	1.02	27.13	8.35	35.8	110	6.9	3	141	2.43	6.9	0.5	<0.2
Shb1050499	603749	6085106	1008	B	10	mod steep	rusty red	0	-	CF	0	30-Jul-11	AC/BA		0.83	17.03	7.79	70	154	11.5	5.6	337	3.14	10.5	0.4	<0.2
Shb1050500	603703	6085092	1003	B	20	mod steep	grey brn	5	sub ang	CF	5	30-Jul-11	AC/BA		0.83	19.42	6.85	78.9	78	14.8	8.6	791	2.75	8.7	0.5	0.4
Shb1051868	603246	6084397	1217	B	10	MS	red brn	5	sub rnd	CF	5	27-Jul-11	AG/PF	centre of line	0.62	11.42	8.26	50.3	222	8.2	4.5	271	2.83	9.1	0.3	1.4
Shb1051869	603203	6084399	1216	B	10	MS	light brn	30	sub ang	CF	1	27-Jul-11	AG/PF		0.61	16.53	9.11	82	51	16.6	12.5	830	3.27	11.9	0.5	1
Shb1051870	603153	6084397		B	15	MS	red brn	0	-	CF	5	27-Jul-11	AG/PF		0.63	19.28	7.74	81.5	115	22.2	11.4	471	4.66	10.9	0.5	1.1
Shb1051871	603100	6084399		B	10	MS	brn	1	sub rnd	CF	5	27-Jul-11	AG/PF		0.56	18.62	7.72	79.3	102	17.7	11	631	3.3	9.9	0.5	0.8
Shb1051872	603051	6084402		B	15	MS	red brn	5	sub and	CF	5	27-Jul-11	AG/PF		0.78	24.93	5.12	81.6	105	49.7	16.4	678	3.91	12	0.4	1.1
Shb1051873	603000	6084406		B	20	steep	brn	10	ang	CF	5	27-Jul-11	AG/PF		0.83	24.73	5.94	98.5	153	11.2	13.2	599	4.65	12.6	0.6	2.6
Shb1051874	602949	6084404		B	15	steep	dark brn	30	ang	CF	5	27-Jul-11	AG/PF	lots of rubble in soil	0.64	31.54	6.42	103.5	198	12.1	21.2	1312	5.4	14.6	0.5	1.1
Shb1051875	602900	6084404		B	25	steep	brn	50	ang	CF	5	27-Jul-11	AG/PF	lots of rubble in soil	0.65	27.48	8.87	104.7	299	37.3	21.1	885	4.84	15	0.4	1.4
Shb1051876	602902	6084510		B	20	MS	red brn	10	ang	CF	5	27-Jul-11	AG/PF	off line due to steep hill	0.82	19.66	18.85	116.6	124	64.9	25.6	2172	9.07	16.2	0.3	1.1
Shb1051877	602952	6084499		B	15	steep	red brn	5	ang	CF	5	27-Jul-11	AG/PF		2.3	28.03	13.43	168.2	140	12.9	11.8	1158	4.1	23.2	0.4	0.8
Shb1051878	603004	6084499		B	10	0	brn	1	sub rnd	CF	5	27-Jul-11	AG/PF	next to brook	0.65	27.51	6.67	73.1	454	31.4	10.7	538	3.35	11	0.4	1.4
Shb1051879	603050	6084505		B	10	0	brn	5	sub ang	CF	5	27-Jul-11	AG/PF		0.88	18.6	6.82	127.2	158	17.6	9.4	436	4.73	12.3	0.4	<0.2
Shb1051880	603098	6084499		B	15	0	light brn	1	sub rnd	CF	20	27-Jul-11	AG/PF		0.66	19.44	7.97	58.7	133	8.6	5.2	316	2.67	9	0.4	1.2
Shb1051881	603153	6084500		B	10	0	brn	5	sub rnd	CF	5	27-Jul-11	AG/PF	above creek	0.7	10.14	8.68	24.3	45	3.5	2.8	136	3.2	5.1	0.3	2
Shb1051882	603198	6084499		B	25	0	dark brn	5	ang	CF	15	27-Jul-11	AG/PF	in wet area	0.73	28.37	17.34	90.7	264	14.9	8.2	655	2.94	8.7	0.6	0.7
Shb1051883	603253	6084502	1191	B	20	0	orange brn	10	sub rnd	CF	5	27-Jul-11	AG/PF		0.95	10.51	8.43	44.7	104	5.9	3.8	145	2.85	9.7	0.3	1.3
Shb1051884	603303	6084503	1202	B	15	0	orange brn	15	sub rnd	CF	10	27-Jul-11	AG/PF		0.81	15.04	10.56	61.9	163	9.3	5.5	400	4	13.5	0.3	1.8
Shb1051885	603252	6084599	1171	B	10	0	red brn	10	sub rnd	CF	5	29-Jul-11	AG/PF/MG		0.78	8.78	10.95	41.6	57	5.9	3.5	192	3.41	10.4	0.3	1.1
Shb1051888	603199	6084599	1178	B	15	0	orang brn	10	rnd	CF	5	29-Jul-11	AG/PF/MG	Average of Shb1051889 & Shb1051888	1.135	12.53	10.34	54.75	92	8.2	4.45	297.5	4.395	12.7	0.35	2.7
Shb1051890	603152	6084599	1171	B	15	0	redish brn	20	sub ang	CF	5	29-Jul-11	AG/PF/MG	10m from stream	0.93	10.33	9.04	43.5	76	8.1	4.5	209	4.11	10.1	0.3	1.4
Shb1051891	603097	6084598	1175	B	10	0	redish brn	5	sub ang	CF	5	29-Jul-11	AG/PF/MG		0.96	16.95	9.33	83	217	13.1	7.7	594	3.68	14.7	0.3	1.9
Shb1051892	603051	6084600	1168	B	10	0	brn	5	sub rnd	CF	1	29-Jul-11	AG/PF/MG		0.53	18.2	7.17	60.4	94	15.6	10.6	797	2.9	8.2	0.5	1.9
Shb1051893	603002	6084602	1169	B	20	0	brn	5	sub rnd	CF	5	29-Jul-11	AG/PF/MG		0.91	13.59	10.11	72.3	164	8.4	4.8	333	3.53	10	0.3	2.1
Shb1051894	602950	6084600	1161	B	15	0	light brn	0	-	CF	5	29-Jul-11	AG/Pf/MG	Heavy clay	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1051895	602912	6084612	1155	B	15	0	red brn	10	sub rnd	CF	10	29-Jul-11	AG/Pf/MG	off due to swamp	1.29	19.2	12.69	111.7	248	14.1	8.6	426	4.59	16.1	0.5	2.1
Shb1051896	602851	6084602	1149	B	35	0	brn	5	sub rnd	CF	10	29-Jul-11	AG/Pf/MG	near swampy area	0.87	15.01	7.4	79.1	33	14.2	8.3	432	3.3	10.6	0.4	1
Shb1051897	602799	6084602	1142	B	10	0	light brn	10	sub rnd	Cf	5	29-Jul-11	AG/Pf/MG		0.69	21.54	6.68	78.9	61	16.9	9.9	1090	2.98	16.3	0.7	0.6
Shb1051898	602750	6084602	1143	B	15	0	brn	0	-	Cf	5	29-Jul-11	AG/Pf/MG		0.63	44.22	7.06	63.6	99	14	11	961	2.95	13.4	0.7	1
Shb1051899	602750	6084700	1128	B	10	MS	orange brn	20	sub rnd	CF	5	29-Jul-11	AG/Pf/MG		1.88	25.37	12.22	127	129	13	10.5	927	3.73	19.3	0.4	1.6
Shb1051900	602810	6084700	1137	B	10	0	brn	10	sub rnd	CF	5	29-Jul-11	AG/PF/MG	off line due to wet area	1.1	17.2	9.24	101.4	108	9	5.6	343	4.24	17.5	0.3	0.8
Shb1131501	603354	6084301	1244	B	10	0	redish brn	5	sub rnd	CF	5	02-Aug-11	AG/MG		1.03	12.73	10.01	65.9	150	10.8	5.9	272	4.11	12.4	0.4	20
Shb1131502	603405	6084328	1243	B	10	MS	dark brn	0	sub rnd	CF	5	02-Aug-11	AG/MG	off due to ravine	0.83	14.69	10.64	60	197	11.4	5.9	350	4.23	12.2	0.4	1.3
Shb1131503	603305	6085090	1035	B	15	0	light brn	10	sub rnd	CF	10	02-Aug-11	AG/MG		0.9	14.65	7.68	60.3	62	11.9	7.2	433	3.38	10.6	0.4	1

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1050485	0.3	30.7	0.28	0.39	0.09	54	0.27	0.056	7.5	15	0.3	135.6	0.011	<1	1.78	0.015	0.04	<0.1	2.3	0.04	0.04	10	0.2	<0.02	5.6	1.16	<0.1	<0.02	0.68	6.5	0.4	<0.05	0.1	5.39	13.2	0.02	<1	0.3	15.7	<10	<2
Shb1050486	0.9	22.9	0.24	0.46	0.13	73	0.2	0.063	4.3	20.3	0.27	143.2	0.014	1	2.92	0.005	0.04	0.2	3.8	0.05	0.04	94	0.3	0.02	8.7	1.07	<0.1	0.05	1.94	5.6	0.6	<0.05	2.2	2.62	8.8	0.04	<1	0.2	13.8	<10	<2
Shb1050487	0.9	10.6	0.29	0.44	0.13	70	0.06	0.094	3.8	21.1	0.31	94	0.012	1	3.27	0.002	0.04	0.1	3.2	0.05	0.04	118	0.4	0.04	8.6	1.2	<0.1	0.06	2.8	5.8	0.7	<0.05	2.2	1.53	8	0.04	<1	0.4	17.7	<10	<2
Shb1050488	1	11.1	0.17	0.56	0.08	80	0.1	0.235	3.3	25.5	0.32	80.6	0.04	1	3.67	<0.001	0.03	0.2	3.7	0.03	0.04	68	0.5	0.02	6.1	1.49	<0.1	0.09	1.97	5	0.4	<0.05	4.7	2.16	6.5	0.05	<1	0.2	20.8	<10	<2
Shb1050489	0.7	13.7	0.13	0.55	0.13	91	0.06	0.103	4	18.5	0.36	101.7	0.047	1	1.89	0.006	0.05	0.2	3	0.04	0.02	46	0.2	0.07	8.7	1.29	<0.1	0.02	1.16	7.5	0.7	<0.05	1.3	1.79	8.3	0.03	<1	0.1	16.1	<10	<2
Shb1050490	1	24.9	0.22	0.57	0.11	84	0.2	0.081	4.5	18.6	0.33	115.4	0.061	2	2.32	0.015	0.03	0.1	3.7	0.02	0.06	48	<0.1	0.08	8.2	1.3	<0.1	0.07	1.92	6	0.6	<0.05	3.3	3.58	9.8	0.06	<1	0.4	13.2	<10	<2
Shb1050491	0.6	15.1	0.27	0.46	0.12	79	0.08	0.049	5.9	14.2	0.17	143.2	0.037	<1	1.63	0.005	0.03	0.2	2.4	0.02	0.03	45	0.1	<0.02	7.6	0.55	<0.1	<0.02	1.59	3.4	0.7	<0.05	0.9	3.4	11	0.04	<1	0.2	7.6	14	<2
Shb1050492	0.5	21.8	0.18	0.48	0.11	65	0.13	0.036	4.9	13.2	0.17	98.9	0.031	1	1.17	0.009	0.03	<0.1	2	0.03	0.02	20	0.2	0.04	6.3	0.54	<0.1	<0.02	0.85	4.6	0.6	<0.05	0.5	2.06	9.1	<0.02	<1	<0.1	5	<10	<2
Shb1050493	0.7	18.5	0.43	0.5	0.19	77	0.11	0.171	3.8	17.6	0.23	134.6	0.032	<1	2.6	0.005	0.03	0.2	3.1	<0.02	0.04	81	0.4	<0.02	6.3	0.75	<0.1	0.02	1.63	3.8	0.5	<0.05	1.5	2.34	8.1	0.05	<1	0.3	13.3	<10	<2
Shb1050494	0.6	23.1	0.2	0.51	0.13	69	0.24	0.036	5.2	17.2	0.28	153.6	0.031	<1	1.67	0.008	0.04	<0.1	3.1	0.04	0.02	36	0.2	0.06	6.8	1	<0.1	<0.02	0.91	5.5	0.6	<0.05	0.7	3.48	11.9	0.04	1	0.5	7.8	<10	<2
Shb1050495	0.3	35	0.14	0.38	0.11	57	0.25	0.026	5.9	13.8	0.33	125	0.04	<1	1.36	0.011	0.04	<0.1	2.6	0.04	0.02	11	0.1	0.02	5.8	0.91	<0.1	<0.02	0.44	6.6	0.4	<0.05	0.4	3.9	10.5	0.02	2	0.2	7.2	<10	<2
Shb1050496	0.4	40.4	0.28	0.52	0.11	67	0.25	0.044	10.8	16.7	0.29	172.9	0.042	2	1.97	0.011	0.04	<0.1	3.9	0.05	0.03	36	0.2	<0.02	6.3	1.02	<0.1	0.02	0.88	5.9	0.5	<0.05	1	8.24	17	0.05	<1	0.5	9.4	<10	<2
Shb1050497	0.4	43	0.16	0.39	0.09	62	0.29	0.048	7.1	16.5	0.35	148.8	0.022	<1	1.98	0.01	0.05	<0.1	3.3	0.05	0.02	22	0.1	<0.02	5.8	1.31	<0.1	<0.02	0.58	6.3	0.4	<0.05	0.6	5.42	13.5	0.03	2	0.3	9.8	<10	<2
Shb1050498	0.2	30.3	0.4	0.31	0.12	58	0.15	0.063	6.4	12.9	0.13	121	0.045	2	0.98	0.007	0.04	<0.1	1.7	0.03	0.03	9	0.2	0.03	5.8	1	<0.1	<0.02	0.61	5.9	0.6	<0.05	0.5	3.32	11.4	0.02	<1	<0.1	2.6	<10	<2
Shb1050499	0.5	32.8	0.28	0.36	0.1	67	0.16	0.045	6.3	16.4	0.3	162.2	0.021	<1	1.88	0.008	0.05	<0.1	3.4	0.04	0.02	13	0.2	0.05	6.5	0.79	<0.1	<0.02	0.83	7.1	0.5	<0.05	0.4	5.47	11.5	0.03	2	0.3	9.4	<10	<2
Shb1050500	0.3	68.7	0.24	0.41	0.09	54	0.53	0.069	9.1	16.4	0.38	158.9	0.026	2	1.65	0.016	0.07	<0.1	3.3	0.05	0.03	22	0.2	0.03	4.9	0.82	<0.1	<0.02	0.33	6.7	0.3	<0.05	0.2	8.26	16.6	0.03	<1	0.2	8.3	<10	<2
Shb1051868	0.2	24.8	0.11	0.5	0.08	65	0.15	0.034	4.4	15.1	0.27	145.7	0.029	1	1.39	0.008	0.03	<0.1	2.4	0.04	0.03	51	0.1	<0.02	4.9	0.61	<0.1	<0.02	0.69	2.7	0.3	<0.05	0.6	2.31	10.1	<0.02	<1	0.2	6.8	<10	<2
Shb1051869	0.7	69.5	0.21	0.5	0.08	73	0.94	0.05	8	21.6	0.56	238.5	0.058	3	2.49	0.017	0.08	0.1	6.1	0.07	<0.02	32	0.2	<0.02	6.3	1.15	<0.1	0.03	0.39	4.6	0.4	<0.05	0.8	10.16	22.4	0.04	<1	0.4	19.6	<10	<2
Shb1051870	0.5	34.4	0.25	0.21	0.06	117	0.31	0.068	4.1	35.6	0.83	272.3	0.142	4	2.97	0.006	0.04	<0.1	5.9	0.03	0.04	99	0.1	<0.02	8.4	1.19	<0.1	0.11	1.06	3.9	0.4	<0.05	5.2	5.56	8.7	0.06	<1	0.3	25	<10	<2
Shb1051871	0.5	79.9	0.1	0.35	0.07	89	1.18	0.049	7.3	26.1	0.76	370.6	0.075	4	2.2	0.026	0.07	<0.1	7.5	0.06	0.02	43	0.2	<0.02	6.5	1.07	<0.1	0.03	0.48	7.8	0.4	<0.05	1.1	11.12	14.8	0.04	<1	0.4	21.3	<10	<2
Shb1051872	0.5	59	0.14	0.3	0.08	89	0.28	0.132	4.8	55.5	1.09	290.6	0.065	2	3.2	0.006	0.04	0.1	4.7	0.03	0.04	117	0.1	<0.02	8.4	1.73	<0.1	0.03	0.98	4.1	0.4	<0.05	1.6	4.31	11.4	0.04	<1	0.3	25.9	<10	<2
Shb1051873	0.2	31.8	0.15	0.28	0.07	125	0.63	0.109	4.9	37.8	1.03	253.9	0.172	2	3.52	0.009	0.04	0.2	6.1	<0.02	0.07	143	0.4	<0.02	13.1	1.61	<0.1	0.11	2.2	3.3	0.6	<0.05	6.3	7.84	10.9	0.05	<1	0.5	22.4	<10	<2
Shb1051874	0.5	44.5	0.07	0.25	0.05	157	0.88	0.077	5.1	34.1	1.57	1180.2	0.106	3	3.43	0.006	0.05	<0.1	11.2	0.02	0.03	81	0.1	0.02	13.1	1.81	<0.1	0.09	0.72	5.2	0.6	<0.05	4.6	10.65	14.9	0.07	<1	0.4	41.1	<10	<2
Shb1051875	0.6	59	0.05	0.34	0.08	112	0.57	0.078	6.3	28.6	1.57	206.1	0.149	3	3.34	0.012	0.1	0.1	9.4	0.03	0.03	65	<0.1	<0.02	11.8	3.65	<0.1	0.14	1.35	12.1	0.7	<0.05	6	10.83	15.2	0.09	<1	0.7	52.1	<10	<2
Shb1051876	0.3	96.1	0.08	0.85	0.09	253	0.52	0.043	5.4	114	2.05	430.8	0.397	11	2.74	0.019	0.04	<0.1	7.1	<0.02	0.03	118	0.2	0.02	19.4	1.15	<0.1	0.06	0.46	2.6	0.7	<0.05	2.9	5.58	10.3	0.06	<1	0.2	34.1	<10	<2
Shb1051877	0.8	31.2	0.66	1.04	0.07	86	0.57	0.083	9.6	16.5	0.78	148.1	0.081	3	1.54	0.018	0.06	<0.1	6.7	0.09	0.04	26	0.4	<0.02	6.3	1.23	<0.1	0.05	0.18	3.5	0.4	<0.05	1.9	13.82	20	0.04	1	0.3	21.4	<10	<2
Shb1051878	0.3	79.7	0.18	0.4	0.08	80	1.22	0.067	6.2	31.8	0.96	271.5	0.052	5	2.27	0.01	0.06	<0.1	4.5	0.05	0.04	102	0.3	<0.02	7	1.06	<0.1	0.03	0.67	5.4	0.4	<0.05	1.4	7.92	13.3	0.04	<1	0.3	23	<10	<2
Shb1051879	0.2	42.2	0.33	0.35	0.28	92	0.42	0.061	6.3	25.1	0.69	213.9	0.03	2	3	0.007	0.08	<0.1	3.7	0.06	0.03	54	0.2	<0.02	10.6	1.53	<0.1	<0.02	0.74	7.5	0.6	<0.05	0.3	6.61	12.3	0.04	<1	0.5	24.8	<10	<2
Shb1051880	0.2	46.6	0.19	0.39	0.14	70	0.82	0.031	10.1	15.9	0.31	239.7	0.033	2	1.43	0.011	0.05	<0.1	2.8	0.06	<0.02	41	0.2	0.03	6.4	0.73	<0.1	<0.02	0.56	5	0.5	<0.05	0.5	8	10.5	0.02	<1	0.4	8.1	<10	<2
Shb1051881	0.3	13.7	0.07	0.43	0.16	112	0.06	0.031	4.3	18.8	0.11	80.8	0.066	2	0.76	0.004	0.03	<0.1	1.6	0.06	<0.02	28	0.1	0.03	7.5	0.36	<0.1	0.03	0.83	1.8	1	<0.05	0.7	1.29	8.2	<0.02	<1	0.1	1.3	<10	<2
Shb1051882	0.4	46.4	0.38	0.42	0.14	66	0.89	0.056	14.8	23.2	0.48	256.4	0.013	2	2.37	0.01	0.06	<0.1	4.4	0.07	0.02	54	0.1	0.03	7.3	1.09	<0.1	0.03	0.72	5.4	0.6	<0.05	0.5	13.34	15.3	0.03	<1	0.6	18.4	<10	<2
Shb1051883	0.1	25.4	0.13	0.54	0.14	73	0.41	0.034	5.9	13.2	0.2	140.5	0.018	1	1.55	0.007	0.03	0.1	1.8	0.06	0.02	32	0.1	0.04	7.5	0.49	<0.1	<0.02	0.58	3.5	0.6	<0.05	<0.1	2.75	10.2	<0.02	<1	<0.1	6.7	<10	<2
Shb1051884	0.6	13	0.18	0.8	0.11	79	0.07	0.041	4	17.7	0.26	104.6	0.032	1	1.7	0.004	0.03	0.1	2.8	0.08	<0.02	67	0.1	<0.02	6.4	0.83	<0.1	0.02	0.69	4.4	0.4	<0.05	0.9	1.88	8.9	0.03	<1	0.2	9.3	<10	<2
Shb1051885	0.6	9.3	0.1	2.12	0.16	78	0.05	0.086	4.2	15.4	0.18	54.8	0.039	1	1.21	0.004	0.04	0.1	2.2	0.07	<0.02	51	0.1	0.03	8.7	0.47	<0.1	<0.02	1.05	3.4	0.7	<0.05	0.8	1.31	8.1	<0.02	<1	<0.1	4	<10	<2
Shb1051888	1.8	9.7	0.155	0.73	0.26	94	0.155	0.075	4.2	17.5	0.27	66.4	0.054	2.5	1.68	0.0065	0.035	0.2	2.95	0.075	0.02	82.5	<0.1	0.04	8.35	0.715	<0.1	0.03	2.34	4	0.9	<0.05	1.2	1.68	8.45	0.04	<1	0.15	7.85	<10	<2
Shb1051890	1.4	8.1	0.12	0.6	0.16	77	0.06	0.051	3.6	16.7	0.22	64.5	0.041	2	2.27	0.004	0.03	0.1	2.7	0.06	0.02	72	0.1	0.04	7.3	0.85	<0.1	0.08	1.49	3.8	0.6	<0.05	2.7	1.54	7.4	0.04	<1	0.2	10.4	<10	<2
Shb1051891	0.7	20.8	0.19	0.58	0.14	70	0.18	0.049	4.9	17.6	0.36	132.4	0.038	2	2.4	0.007	0.05	0.1	3.3	0.07	<0.02	38	<0.1	0.04	7	1.46	<0.1	0.02	0.78	6.5	0.5	<0.05	0.5	3.26	11.6	0.05	<1	0.3	16.5	<10	<2
Shb1051892	1.1	59.7	0.16	0.4	0.09	71	0.8	0.036	7.6	19.7	0.61	236.1	0.088	3	1.8	0.021	0.06	<0.1	6.6	0.05	<0.02	29	0.1	0.03	5.1	0.92	<0.1	0.05	0.42	5.2	0.4	<0.05	1.6	10.18	15.6	0.03	<1	0.4	12.1	<10	<2
Shb1051893	0.4	14.9	0.3	0.5	0.16	79	0.17	0.06	4.5	15.2	0.25	120.5	0.022	1	1.83	0.005	0.04	0.1	2.2	0.07	0.02	21	<0.1	<0.02	9.4	1.02	<0.1	<0.02	1.41	8.5	0.8	<0.05	0.4	2.64	10	0.03	<1	0.2	8.6	<10	<2
Shb1051894	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1051895	1.1	35.8	0.31	0.65	0.21	105	0.86	0.047	5	25.9	0.52	205.4	0.072	4	2.56	0.01	0.05	0.2	4.6	0.08	0.03	44	0.1	0.02	10.8	1.24	<0.1	<0.02	2.27	6.4	1	<0.05	1.2	4.61	10.5	0.06	<1	0.3	20.6	<10	<2
Shb1051896	0.6	44.6	0.18	0.33	0.1	73	0.56	0.035	4.6	22.1	0.46	253.8	0.053	5	2.19	0.012	0.05	<0.1	4.3	0.06	0.02	50	0.2	0.03	7.4	1.03	<0.1	0.03	0.87	5	0.5	<0.05	1.2	4.33	10.8	0.05	<1	0.2	14.4	<10	<2
Shb1051897	1	71.9	0.23	0.26	0.1	72	0.9	0.047	8.6	22.8	0.53	299	0.041	6	2.52	0.018	0.07	<0.1	7.8	0.09	<0.02	58	0.3	<0.02	6.5	0.99	<0.1	0.03	0.47	6.7	0.4	<0.05	1	11.79	17.4	0.04	<1	0.5	27.4	<10	<2
Shb1051898	0.9	58.8	0.24	0.32	0.1	68	0.74	0.037	10	19.5	0.48	309.6	0.047	5	2.22	0.015	0.06	0.1	7.3	0.07	<0.02	63	0.1	0.02	6.3	1.09	<0.1	0.04	0.51	5.6	0.4	<0.05	0.9	16.34	21.6	0.03	<1	0.5	17.6	<10	<2
Shb1051899	1	27.3	0.56	0.99	0.09	77	0.5	0.063	8.1	15.4	0.68	126	0.068	3	1.54	0.016	0.05	0.1	5.8	0.08	0.03	36	0.3	0.03	5.6	1.11	<0.1	0.04	0.27	3.3	0.3	<0.05	1.5	11.27	17	0.04	<1	0.3	17.7	<10	<2
Shb1051900	0.6	16.5	0.2	0.49	0.27	93	0.17	0.042	3.9	20.3	0.26	149.1	0.037	2	1.9	0.008	0.03	0.1	3	0.05	0.02	26	0.2	0.08	8.3	0.74	<0.1	0.02	1.86	5	0.7	<0.05	0.8	1.71	7.6	0.03	<1	0.2	16.8	<10	<2
Shb1131501	0.5	13.1	0.24	0.63	0.14	80	0.08	0.045	4.9	20.4	0.34	126.6	0.03	2	2.51	0.002	0.04	0.1	3.2	0.06	<0.02	57	0.2	0.03	8.6	1.1	<0.1	<0.02	1.53	5.9	0.7	<0.05	0.5	2.76	9.7	0.04	<1	0.3	17.7	<10	<2
Shb1131502	0.2	12	0.23	0.69	0.09	73	0.08	0.133	3.8	21.6	0.37	93.6	0.024	3	2.2	0.003	0.04	0.1	2.4	0.06	0.03	69	0.3	0.03	5.5	1.01	<0.1	<0.02	0.85	4.4	0.4	<0.05	0.3	2.09	8.1	0.04	<1	0.2	12	<10	<2
Shb1131503	0.5	25.1	0.25	0.54	0.1	58	0.15	0.054	4.7	16.6	0.34	124.8	0.038	3	1.96	0.004	0.04	<0.1	2.9	0.06	0.02	60	0.2	<0.02	4.9	0.8	<0.1	<0.02	0.75	4.1	0.4	<0.05	0.8	3.22	11.1	0.04	<1	0.3	12	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1131504	603351	6085098		B	15	0	light brn	15	sub rnd	CF	10	02-Aug-11	AG/MG		0.92	13.12	7.33	58.8	73	11.3	6	401	2.69	9.1	0.4	0.6
Shb1131505	603403	6085105		B	15	0	brn	5	sub rnd	CF	10	02-Aug-11	AG/MG		1.03	26.44	7.56	61.4	188	15.6	8.2	779	2.87	8.6	0.6	1.7
Shb1131506	603455	6085101	1020	B	10	0	light brn	0	-	CF	5	02-Aug-11	AG/MG		1.37	26.82	10.19	88	186	14	10.2	1017	3.42	13.9	0.5	0.7
Shb1131507	603498	6085108	1001	B	10	MS	red brn	10	sub rnd	CF	5	02-Aug-11	AG/MG	4m of stream	3.45	36.54	12.66	119.9	208	19.4	17.2	3052	3.82	14.8	0.8	1
Shb1131508	603559	6085108	1013	B	15	0	redish brn	5	sub rnd	CF	5	02-Aug-11	AG/MG		0.87	12.14	7.74	72	122	9.8	5.8	433	3.86	11.2	0.3	<0.2
Shb1131509	603600	6085096	1014	B	10	MS	brn	20	sub rnd	CF	5	02-Aug-11	AG/MG		0.85	18.99	8.56	67.3	124	15	8.5	514	3.6	13	0.5	0.8
Shb1131510	603652	6085096	1009	B	10	MS	brn	5	sub rnd	CF	5	02-Aug-11	AG/MG		1.03	24.94	9.08	78.7	146	14.9	9.4	700	3.59	12.6	0.5	0.4
Shb1131511	603752	6085206		B	15	0	redish brn	5	sub rnd	CF	5	02-Aug-11	AG/MG		0.81	17.27	7.06	69.7	79	13	8.4	435	3.23	11.9	0.4	1.2
Shb1131512	603694	6085211		B	10	0	orange brn	0	-	CF	10	02-Aug-11	AG/MG		0.94	21.2	8.19	101.1	187	14.3	8.7	464	3.48	14	0.5	1
Shb1131513	603641	6085202	974	B	20	steep	brn	5	sub rnd	CF	10	02-Aug-11	AG/MG		1.17	20.22	7.35	61.7	168	10.2	5.3	331	3.56	12.4	0.6	1.2
Shb1131514	603598	6085202		B	30	steep	redish brn	15	sub rnd	CF	5	02-Aug-11	AG/MG		1	12.14	9.35	69.7	51	12.2	7.4	399	4.25	17.1	0.4	<0.2
Shb1131515	603524	6085208		B	10	steep	brn	20	sub rnd	CF	5	02-Aug-11	AG/MG	off due to wetland	0.88	19.7	8.9	76.5	84	19.1	13.7	622	3.39	15.5	0.5	1
Shb1131516	603491	6085211	991	B	15	ms	red bnr	20	sub rnd	CF	5	02-Aug-11	AG/MG		1.86	28.99	10.2	63.4	75	14.3	7.3	386	6.17	19.6	0.9	1
Shb1131517	603431	6085184		B	15	ms	orange rbrn	5	sub ang	CF	5	02-Aug-11	AG/MG		0.96	13.93	7.26	85.8	75	14	7.7	363	3.68	12.2	0.4	1
SHB1131518	603302	6084300	1270	B	25	medium	grey	0	-	CF	5	03-Aug-11	BA/AG		1.27	42.15	8.77	96	508	21.2	16.5	4393	3.84	30.7	3.1	2.1
SHB1131519	603248	6084302	1264	B	20	fairly steep	brn	10	sub ang	CF	5	03-Aug-11	BA/AG		0.7	49.08	9.88	95.3	355	19.7	13.4	1148	3.96	14.5	1	0.5
SHB1131520	603197	6084302	1266	B	15	steep	brn	25	sub ang- ang	CF	5	03-Aug-11	BA/AG		0.9	15.43	7.7	63.8	103	7.8	7.5	591	3.66	8.8	0.4	0.2
SHB1131521	603152	6084297	1272	B	10	steep	brn	15	sub ang	CF	10	03-Aug-11	BA/AG	few meters of stream	0.58	12.97	8.64	80.2	51	11.3	7.6	390	3.01	10.3	0.4	<0.2
SHB1131522	603101	6084299	1287	B	10	steep	brn	5	sub ang	CF	10	03-Aug-11	BA/AG		0.72	11.88	6.67	35.3	86	9.4	4.9	224	3.25	6	0.3	0.8
SHB1131523	603046	6084296	1301	B	10	fairly steep	brn	5	sub ang- sub rnd	CF	10	03-Aug-11	BA/AG		0.78	20.52	9.94	99.5	269	13.8	7.7	381	4.08	13.2	0.4	<0.2
SHB1131524	603000	6084300	1324	B	10	steep	brn	5	sub rnd	CF	5	03-Aug-11	BA/AG		0.58	179.33	11.81	127.5	388	20.2	8.4	1357	3.2	15.3	0.9	0.6
SHB1131525	602948	6084301	1325	B	10	steep	brn	5	sub ang	CF	7	03-Aug-11	BA/AG		0.79	68.54	10.81	121.7	946	20.1	10.7	1869	3.64	14	0.9	<0.2
SHB1131526	602894	6084295	1317	B	10	steep	orange brn	15	sub rnd	CF	5	03-Aug-11	BA/AG		0.86	20.43	14.91	90.1	140	15.2	9.9	551	4.58	18.1	0.3	0.5
SHB1131527	602847	6084298	1326	B	5	steep	red brn	5	sub ang	CF	5	03-Aug-11	BA/AG		0.88	10.31	14.73	71.5	297	7.7	4.6	383	3.97	13.3	0.3	0.3
SHB1131528	602800	6084300	1330	B	10	mod steep	brn	5	sub rnd	CF	3	03-Aug-11	BA/AG		1.3	23.75	17.34	122.9	219	14.6	11.4	2195	3.55	11.5	0.6	7.1
SHB1131529	602751	6084301	1327	B	15	steep	brn	5	sub ang	CF	5	03-Aug-11	BA/AG		1.1	17.29	8.91	35.3	134	7.4	4.7	166	3.49	10.2	0.3	2.1
SHB1131530	602744	6084201	1353	B	15	mod steep	red brn	10	sub ang- sub rnd	CF	4	03-Aug-11	BA/AG	Average of SHB1131531 & SHB1131530	1.155	13.865	9.58	41.45	95	8	5.3	195.5	4.97	10.45	0.4	0.85
SHB1131532	602802	6084199	1354	B	10	slight	brn	15	sub rnd	CF	10	03-Aug-11	BA/AG		1.09	14.15	10.12	125.3	177	14	7.4	458	3.11	8.9	0.4	0.5
SHB1131533	602852	6084200	1366	B	5	mod	red brn	10	sub ang-sub rnd	CF	5	03-Aug-11	BA/AG		1.11	13.69	11.87	44.9	109	7.9	4.3	179	3.37	11.9	0.4	0.8
SHB1131536	602903	6084198	1361	B	5	gentle	orange brn	10	sub ang	CF	5	03-Aug-11	BA/AG		1.21	19.93	11.94	85.7	79	14.6	10.2	497	5.06	10.4	0.4	1.1
SHB1131537	602950	6084201	1364	B	10	gentle	redish brn	10	sub ang-sub rnd	CF	10	03-Aug-11	BA/AG		1.04	12.78	14.03	54.7	168	8.7	9.1	1499	3.78	6.1	0.4	0.3
SHB1131538	602998	6084202	1347	B	10	mod steep	red	15	sub rnd	CF	10	03-Aug-11	BA/AG		1.35	23.97	11.69	140.9	259	18.9	17.6	1040	5.53	43.5	0.5	9.3
SHB1131539	603051	6084200	1333	B	15	steep	redish brn	15	sub ang	CF	3	03-Aug-11	BA/AG		1.08	21.12	8.34	91.1	270	16.5	11.6	635	4.34	9.5	0.6	0.4
SHB1131540	603101	6084200	1335	B	25	mod steep	light brn	20	sub rnd	CF	10	03-Aug-11	BA/AG		0.95	63.96	22.34	102.2	691	20	11.2	773	3.92	19.1	1	1
SHB1131541	603156	6084200	1328	B	10	slight	brn	5	sub rnd	CF	5	03-Aug-11	BA/AG	Near small stream/bog	1.36	16.29	12.33	33.7	337	9.2	6	224	3.79	6.5	0.4	0.3
SHB1131542	603200	6084200	1307	B	10	moderate	brn	0	-	CF	5	03-Aug-11	BA/AG		1.01	71.31	12.83	136.5	502	24.4	16.5	3038	3.68	18.4	1.5	0.4
SHB1131543	603250	6084202	1298	B	15	slight	light brn	5	sub rnd	CF	5	03-Aug-11	BA/AG		0.72	33.73	12.27	115	147	17.7	13.7	1095	3.38	11.4	0.4	0.3
SHB1131544	603299	6084199	1304	B	15	steep	red brn	5	sub rnd	CF	3	03-Aug-11	BA/AG		0.94	15.88	12.88	58.6	129	12	6.6	492	4.16	11.6	0.3	1.1
SHB1131545	603353	6084204	1272	B	10	steep	brn	15	sub ang	CF	5	03-Aug-11	BA/AG		0.88	11.19	10.5	34.7	53	4.9	3	171	3.12	6.2	0.4	<0.2
SHB1131546	603400	6084197	1284	B	15	steep	drk brn	20	sub rnd	CF	5	04-Aug-11	BA/MG		1.25	27.45	7.4	99.4	487	41.9	23.7	1453	4.48	7.5	0.7	0.5
SHB1131547	603450	6084199	1276	B	15	0	grey brn	0	-	CF	10	04-Aug-11	BA/MG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131548	603499	6084206	1270	B	20	0	light brn	5	sub rnd	CF	30	04-Aug-11	BA/MG	moved off line due to bog	1.34	15.02	5.61	32.5	47	7.4	3.8	131	2.46	7.4	0.3	0.3
SHB1131549	603553	6084198	1270	B	15	0	grey black	0	-	CF	25	04-Aug-11	BA/MG	Bog	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131550	603603	6084199	1268	B	10	0	brn rusty	25	sub rnd	CF	5	04-Aug-11	BA/MG		1.39	16.72	11.49	86.7	127	9.9	5.9	490	3.04	10.6	0.4	0.4
SHB1131551	603651	6084200	1272	B	10	0-5	red bnr	20	sub rnd	CF	5	04-Aug-11	BA/MG		1.62	23.32	16.19	85.1	231	13.5	8.5	699	5.38	19.9	0.5	0.5
SHB1131552	603699	6084200	1268	B	10	0	grey brn	5	sub rnd	CF	5	04-Aug-11	BA/MG		2.19	68.05	14.82	161.6	916	32.9	14.2	996	4.37	14.1	1.2	0.7
SHB1131553	603749	6084200	1267	B	20	0-5	rusty red	10	sub rnd- sub ang	CF	5	04-Aug-11	BA/MG		0.97	14.52	9.46	46.5	32	8.8	4.8	226	3.67	12.6	0.3	<0.2
SHB1131554	603748	6084090	1279	B	10	0	orange brn	25	sub rnd	CF	5	04-Aug-11	BA/MG		1.51	20.62	16.23	60.2	455	8.7	5.8	314	4.9	15	0.6	0.9
SHB1131555	603699	6084100	1277	B	15	0	rusty brn	20	sub rnd	CF	5	04-Aug-11	BA/MG		1.72	31.85	11.08	107.4	210	22	11.3	589	3.51	16.6	0.6	2.4

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1131504	0.3	55.7	0.18	0.43	0.1	58	0.61	0.036	5.2	16.5	0.35	131.7	0.025	2	1.52	0.011	0.05	<0.1	3	0.07	<0.02	34	<0.1	0.03	4.9	0.93	<0.1	<0.02	0.54	4.6	0.4	<0.05	0.4	3.95	9.8	0.02	<1	0.2	18.1	<10	<2
Shb1131505	0.4	55.4	0.34	0.48	0.11	53	0.9	0.064	12.3	19.7	0.36	157.7	0.021	3	1.95	0.007	0.06	<0.1	3.9	0.08	0.03	78	0.3	<0.02	5.6	0.92	<0.1	0.03	0.76	5.6	0.4	<0.05	0.7	11.41	18.3	0.04	<1	0.5	12.9	<10	<2
Shb1131506	0.4	46.6	0.54	0.53	0.15	69	0.71	0.05	10.5	20	0.38	158.2	0.017	2	1.81	0.009	0.05	<0.1	3.6	0.1	0.02	37	0.2	0.03	6.6	1.22	<0.1	<0.02	1.56	6.5	0.8	<0.05	0.3	10.22	16.6	0.03	1	0.5	23.5	<10	<2
Shb1131507	0.7	50.4	0.83	0.44	0.18	74	0.96	0.063	10.6	26	0.44	185.4	0.011	2	2.65	0.016	0.06	<0.1	4.8	0.12	0.02	50	0.3	0.02	7.6	1.72	<0.1	0.03	1.29	7	0.7	<0.05	0.8	11.17	23.5	0.05	2	0.6	96.4	<10	<2
Shb1131508	0.7	24.4	0.34	0.45	0.11	72	0.12	0.135	3.9	18.3	0.27	157	0.035	2	2	0.005	0.04	0.1	2.9	0.05	<0.02	51	0.2	0.02	6.5	0.72	<0.1	<0.02	0.73	5.1	0.5	<0.05	0.6	1.86	8.1	0.05	<1	0.3	10.7	<10	<2
Shb1131509	0.4	25	0.25	0.58	0.1	69	0.17	0.056	6.5	19.8	0.41	132.8	0.028	2	2.12	0.004	0.04	<0.1	3.5	0.06	<0.02	51	0.2	0.04	5.8	0.9	<0.1	<0.02	0.65	4.6	0.4	<0.05	0.4	5.28	14.7	0.03	<1	0.3	12.8	<10	<2
Shb1131510	0.4	48.8	0.27	0.59	0.09	70	0.38	0.037	7.6	19	0.45	152.2	0.024	2	2.08	0.007	0.05	<0.1	3.6	0.07	<0.02	53	0.2	0.02	6.2	1.05	<0.1	<0.02	0.45	5.5	0.5	<0.05	0.4	5.95	14.3	0.04	<1	0.4	11.9	<10	<2
Shb1131511	0.9	20	0.43	0.52	0.08	56	0.13	0.043	4	18.1	0.35	127.3	0.024	3	2.75	0.003	0.04	<0.1	3.4	0.06	0.02	97	0.3	0.03	4.7	0.88	<0.1	0.04	0.71	4.5	0.4	<0.05	1.3	2.25	9.1	0.05	<1	0.4	16.1	<10	<2
Shb1131512	0.9	23.4	0.58	0.48	0.1	64	0.13	0.052	4.2	19.5	0.37	150.6	0.016	2	2.95	0.002	0.06	<0.1	3.6	0.07	<0.02	72	0.2	0.02	6.3	0.96	<0.1	0.03	0.76	5.6	0.4	<0.05	1.2	2.21	9.6	0.04	<1	0.4	17.4	<10	<2
Shb1131513	0.4	23.6	0.36	0.52	0.1	68	0.14	0.071	6.2	18.4	0.26	107.9	0.046	2	2.1	0.004	0.04	<0.1	3.2	0.06	0.02	80	0.2	0.02	6.2	1.08	<0.1	0.03	0.84	5.3	0.5	<0.05	1	4.41	13.2	0.03	<1	0.3	8.8	<10	<2
Shb1131514	1.2	25.7	0.23	0.52	0.09	79	0.15	0.072	4.4	18.8	0.33	147.9	0.045	2	2.61	0.004	0.04	0.1	3.8	0.06	<0.02	46	0.2	0.02	6.2	0.87	<0.1	0.08	0.83	5.2	0.5	<0.05	3.7	2.86	10.3	0.04	<1	0.3	15.9	<10	<2
Shb1131515	1.2	28.1	0.29	0.58	0.09	60	0.16	0.069	7.3	20.1	0.42	153.3	0.025	2	2.99	0.003	0.05	<0.1	5.1	0.09	<0.02	77	0.2	0.02	5.2	1.05	<0.1	0.07	0.69	4.3	0.3	<0.05	2	6.73	25.2	0.04	<1	0.5	17.8	<10	<2
Shb1131516	1.4	21.7	0.22	1.15	0.12	97	0.11	0.09	8.9	26.9	0.28	115.8	0.077	3	2.85	<0.001	0.03	0.2	5	0.08	0.03	131	0.3	0.04	9	1.11	<0.1	0.19	2.36	4.1	0.5	<0.05	7	6.32	13.5	0.06	1	0.4	9.7	<10	<2
Shb1131517	0.8	21.2	0.33	0.48	0.08	66	0.14	0.053	4	18.9	0.37	132.3	0.039	2	2.82	0.002	0.04	<0.1	3.3	0.07	0.02	107	0.3	<0.02	6	0.95	<0.1	0.05	1.28	5.9	0.4	<0.05	2.4	1.93	8.4	0.03	<1	0.4	20.6	<10	<2
SHB1131518	0.5	106.3	0.63	0.41	0.08	174	1.63	0.143	31.2	33.1	0.77	1020.6	0.021	8	2.98	0.017	0.06	<0.1	16.2	0.17	0.08	305	1.1	<0.02	7.5	1.04	<0.1	0.19	0.48	4.7	0.4	<0.05	5.2	116.09	25.4	0.04	1	0.9	32.8	<10	<2
SHB1131519	0.3	64.9	0.26	0.38	0.15	117	1.23	0.078	18.9	30	0.84	681.8	0.058	4	3.06	0.011	0.05	<0.1	9	0.04	0.05	106	0.3	<0.02	11.6	1.24	<0.1	0.03	1.24	4.4	1	<0.05	1.3	38.28	22.6	0.09	<1	0.9	35.2	<10	<2
SHB1131520	0.2	26.1	0.16	0.55	0.12	114	0.36	0.069	4.9	26.3	0.52	716.8	0.098	3	2.23	0.008	0.05	0.2	5	0.05	0.04	39	0.3	<0.02	9.7	0.95	<0.1	0.05	0.98	3.9	0.8	<0.05	1.9	6.25	10.2	0.04	2	0.5	11.2	<10	<2
SHB1131521	0.7	28.6	0.15	0.46	0.12	77	0.36	0.039	5.2	17.9	0.43	160.4	0.025	3	2.04	0.007	0.04	<0.1	4.1	0.05	<0.02	33	0.2	<0.02	6.1	1.17	<0.1	<0.02	0.8	5.6	0.4	<0.05	0.7	3.92	12.2	0.03	<1	0.4	18.3	<10	<2
SHB1131522	0.3	38	0.17	0.48	0.11	113	0.27	0.047	4.1	24.2	0.26	171.6	0.076	3	1.42	0.005	0.03	<0.1	2.3	0.03	0.03	65	0.2	0.03	6.3	0.51	<0.1	0.04	1.06	2	0.6	<0.05	1	2.75	8.7	0.02	<1	0.1	7.2	<10	<2
SHB1131523	0.4	15.4	0.25	0.52	0.12	85	0.14	0.046	4.4	22.3	0.45	242.7	0.018	2	2.81	0.004	0.05	0.1	3.7	0.06	0.02	31	0.1	0.03	8	1.19	<0.1	<0.02	1.44	5.7	0.7	<0.05	0.5	3.32	10.1	0.05	<1	0.5	22.7	<10	<2
SHB1131524	0.4	31.3	3.05	0.59	0.11	76	0.94	0.155	28.4	28.3	0.47	1553.1	0.012	2	3.07	0.005	0.05	<0.1	6.9	0.07	0.06	88	0.1	<0.02	6.5	2.28	<0.1	0.08	0.85	7.3	0.4	<0.05	1.7	52.98	37.6	0.05	<1	0.8	22.3	<10	<2
SHB1131525	0.3	25.4	1.21	0.44	0.11	106	0.28	0.167	20.2	28.6	0.71	241	0.014	2	3.86	0.004	0.05	<0.1	5.2	0.06	0.07	103	0.2	<0.02	7.5	2.08	<0.1	0.04	0.74	4.5	0.4	<0.05	1.3	40.2	36.9	0.04	<1	0.9	35	<10	<2
SHB1131526	0.9	18.3	0.35	0.89	0.13	75	0.15	0.099	3.8	24.4	0.42	142.5	0.028	2	3	0.004	0.04	<0.1	4.2	0.06	0.03	77	0.3	0.03	6	1.35	<0.1	0.05	0.73	5.6	0.3	<0.05	2.4	3.07	9.5	0.06	2	0.3	18.8	<10	<2
SHB1131527	0.2	10.9	0.27	0.71	0.2	86	0.08	0.081	3.7	15.6	0.25	84.4	0.033	2	1.66	0.005	0.03	0.1	2	0.05	0.02	55	0.2	0.03	6.9	0.96	<0.1	<0.02	0.81	5.5	0.5	<0.05	0.4	1.95	7.2	0.03	<1	0.2	10.6	<10	<2
SHB1131528	0.2	24	0.54	0.65	0.19	80	0.21	0.063	7.8	20.6	0.42	134.4	0.014	1	2.38	0.006	0.04	0.1	2.1	0.05	0.02	61	0.3	0.05	7.9	1.87	<0.1	<0.02	0.97	7.3	0.7	<0.05	0.7	7.37	16.7	0.1	<1	0.5	17.5	<10	<2
SHB1131529	0.7	9.8	0.23	0.75	0.17	98	0.05	0.037	4.8	16.1	0.17	59	0.054	1	1.34	0.006	0.03	0.1	2.4	0.03	0.02	93	0.2	0.05	8.3	0.68	<0.1	<0.02	0.98	3.1	0.6	<0.05	1	1.63	8.5	0.03	<1	0.1	4.8	<10	<2
SHB1131530	0.85	8.6	0.195	0.645	0.175	126	0.04	0.0595	4.85	19.2	0.23	63.9	0.055	1	2.4	0.004	0.03	0.1	3.6	0.03	0.03	60	0.4	0.035	10.65	1.01	<0.1	0.05	1.66	3.7	0.7	<0.05	2.3	2.6	8.7	0.035	<1	0.35	10.2	<10	<2
SHB1131532	0.2	25.1	0.27	0.48	0.14	64	0.31	0.034	6.7	20.7	0.47	139.4	0.021	2	2.08	0.008	0.04	<0.1	3.5	0.04	<0.02	77	0.3	0.02	7.6	1.42	<0.1	<0.02	0.68	6.2	0.6	<0.05	0.2	7.2	10.6	0.05	<1	0.4	22.9	<10	<2
SHB1131533	0.2	14.6	0.19	0.76	0.16	97	0.11	0.058	5	15.5	0.19	73.7	0.064	2	1.23	0.008	0.03	0.1	2.1	0.06	0.03	62	0.3	0.04	9.1	0.65	<0.1	<0.02	0.92	4.4	0.8	<0.05	0.9	1.8	8.8	0.02	<1	0.1	2.7	<10	<2
SHB1131536	1.2	9.2	0.27	0.62	0.13	112	0.1	0.051	4.3	25.3	0.45	85.3	0.045	1	3.18	0.004	0.04	0.1	4.7	0.04	0.03	107	0.3	<0.02	9.2	1.48	<0.1	0.12	2.02	5.9	0.6	<0.05	5.8	2.42	8.3	0.05	<1	0.3	14.7	<10	2
SHB1131537	0.1	22.4	0.2	0.34	0.18	123	0.28	0.126	5.2	17.2	0.29	127.3	0.047	1	2.13	0.008	0.05	<0.1	2.4	0.04	0.04	81	0.3	0.03	10.7	1.65	<0.1	<0.02	0.9	7.5	0.7	<0.05	0.5	2.99	9.1	0.03	<1	0.1	7.2	<10	<2
SHB1131538	0.3	20.2	0.59	0.61	0.13	129	0.34	0.129	5.7	29.7	1.12	208.7	0.087	2	3.96	0.007	0.06	<0.1	8.3	0.03	0.04	88	0.3	0.03	12.4	2.32	<0.1	0.02	1.62	7.6	0.7	<0.05	2.1	7.98	12.1	0.09	<1	0.5	26.6	<10	<2
SHB1131539	0.5	22.8	0.29	0.58	0.11	112	0.26	0.054	5.8	34	0.58	186.4	0.078	3	3.96	0.007	0.04	0.1	8	0.02	0.04	170	0.5	<0.02	9	1.47	<0.1	0.06	2.27	4.2	0.5	<0.05	3.2	6.64	13.6	0.06	<1	0.4	17.5	<10	<2
SHB1131540	0.4	38.5	0.31	0.62	0.12	108	0.85	0.107	16.2	29.6	0.58	209.2	0.023	2	2.85	0.009	0.06	0.1	14.4	0.04	0.06	168	0.7	0.02	7.8	1.81	<0.1	0.04	1.29	5.5	0.6	<0.05	1.7	49.49	24	0.05	1	0.9	25.3	<10	<2
SHB1131541	0.3	30.7	0.28	0.43	0.16	138	1.07	0.052	4.7	35.2	0.44	80.9	0.126	2	2.11	0.01	0.02	<0.1	4	<0.02	0.07	78	0.4	0.02	12.6	0.36	<0.1	0.07	2.44	1.6	0.9	<0.05	4	4.9	8	0.03	<1	0.2	6	<10	<2
SHB1131542	0.5	52.8	0.95	0.77	0.13	97	1.83	0.109	23.4	34.7	0.68	239.8	0.023	5	3.17	0.013	0.07	0.2	17.6	0.09	0.07	116	1	0.04	9.2	2.23	<0.1	0.07	0.89	7.5	0.5	<0.05	1.9	49.15	26	0.05	<1	1.2	36.8	<10	<2
SHB1131543	0.4	27.8	0.23	0.51	0.11	89	0.37	0.034	9.3	22.8	0.53	212.7	0.034	1	1.99	0.011	0.04	<0.1	5	0.03	<0.02	28	0.2	0.03	6.2	1.55	<0.1	<0.02	0.76	7.1	0.5	<0.05	0.6	13.04	14.9	0.03	<1	0.5	16.9	<10	<2
SHB1131544	0.1	11.3	0.14	0.61	0.12	82	0.09	0.108	4.3	20.4	0.31	106.1	0.036	2	1.72	0.007	0.04	0.1	2.3	0.04	0.03	53	0.3	0.03	7.6	0.85	<0.1	<0.02	1.03	5.5	0.5	<0.05	0.4	2	7.7	0.03	<1	0.2	8.7	<10	<2
SHB1131545	0.3	13.3	0.07	0.48	0.16	80	0.08	0.03	5.4	17.2	0.13	314.4	0.075	2	0.97	0.018	0.03	0.1	2	0.03	0.05	48	0.2	0.03	9.4	0.35	<0.1	0.04	1.3	2.3	1.1	<0.05	1.6	2.49	9.3	0.02	<1	<0.1	1.8	<10	<2
SHB1131546	0.1	100.6	0.45	0.28	0.09	125	1.11	0.096	7.9	56.7	1.73	499	0.085	2	5.18	0.022	0.06	<0.1	6.5	<0.02	0.09	89	0.3	0.02	13.7	1.33	<0.1	0.04	2.36	3.4	0.7	<0.05	2.7	15.23	15.7	0.05	<1	0.7	30.8	<10	<2
SHB1131547	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131548	0.4	11.6	0.2	0.57	0.11	85	0.1	0.01	5	14.9	0.07	98.2	0.035	2	0.7	0.007	0.02	<0.1	1.4	<0.02	<0.02	27	0.1	<0.02	4.4	0.24	<0.1	0.03	0.73	2.3	0.7	<0.05	0.6	1.31	8.6	<0.02	1	0.2	0.8	<10	<2
SHB1131549	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131550	0.1	31.6	0.25	0.45	0.21	78	0.42	0.038	7.8	16.5	0.32	162.3	0.034	1	1.44	0.009	0.04	0.1	2.1	0.02	<0.02	35	0.2	0.04	7.6	0.98	<0.1	<0.02	1.17	6.6	0.9	<0.05	0.2	5.08	11.9	0.03	<1	0.3	11.4	<10	<2
SHB1131551	0.4	18.2	0.44	0.72	0.16	97	0.15	0.125	5.7	23.5	0.36	117.9	0.044	2	2.59	0.007	0.04	0.1	3.2	0.05	0.04	125	0.4	0.05	9	1.33	<0.1	<0.02	1.54	5.5	0.6	<0.05	0.8	4.06	11.9	0.07	<1	0.7	14.5	<10	<2
SHB1131552	0.3	43.5	0.62	0.74	0.15	75	0.66	0.161	17.3	34.3	0.75	254.2	0.012	3	4.05	0.009	0.08	0.2	4.4	0.13	0.07	164	0.6	0.04	9.4	3.27	<0.1	0.05	1.39	9.1	0.7	<0.05	1	19.08	23.1	0.05	<1	1.3	36	<10	<2
SHB1131553	0.8	12.4	0.1	0.7	0.15	93	0.07	0.126	5.3	17.2	0.23	60.3	0.062	2	1.56	0.008	0.04	0.1	3	0.05	<0.02	32	0.3	0.03	9.3	0.88	<0.1	0.04	1.29	4.5	0.6	<0.05	1.6	1.91	9.1	<0.02	<1	0.1	4.4	<10	<2
SHB1131554	0.9	11.9	0.59	0.68	0.17	85	0.09	0.046	6.2	25.9	0.17	132.7	0.032	1	3.2	0.005	0.03	0.2	3.6	0.04	0.04	118	0.5	0.06	8.4	0.63	<0.1	0.06	2.67	3.8	0.7	<0.05	3.2	3.53	10.7	0.04	<1	0.4	12.9	<10	<2
SHB1131555	0.4	25.1	0.32	0.77	0.2	70	0.34	0.06	9	26.7	0.68	148.2	0.017	2	2.18	0.008	0.06	<0.1	3	0.06	0.02	52	0.3	0.04	7.3	2.29	<0.1	<0.02	0.5	8.1	0.5	<0.05	0.3	6	16.2	0.04	<1	0.4	20	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1131556	603645	6084092	1267	B	15	slight	light brn	10	sub rnd	CF	5	04-Aug-11	BA/MG		1.76	37.02	17.46	153.8	248	29.3	20.4	1640	4.59	22.5	0.8	7.1
SHB1131557	603597	6084099	1269	B	15	mod steep	brn	10	sub rnd	CF	5	04-Aug-11	BA/MG		1.12	45.15	12.15	105.9	426	23	13	500	3.76	10.5	0.9	0.7
SHB1131558	603542	6084106	1270	B	15	slight	brn	20	sub rnd	CF	5	04-Aug-11	BA/MG		0.77	22.44	12.81	109.2	215	14.3	8.7	494	3.16	9.7	0.6	0.3
SHB1131559	603497	6084105	1266	B	10	steep	red brn	25	sub ang	CF	5	04-Aug-11	BA/MG		1.18	23.48	13.13	118.6	89	18.6	14	1097	4.99	12.7	0.5	0.3
SHB1131560	603450	6084104	1286	B	10	mod steep	red brn	20	sub ang	CF	5	04-Aug-11	BA/MG		1.27	23.96	8.68	144.9	229	26.3	22	740	5	11.3	0.6	0.3
SHB1131561	603399	6084099	1323	B	10	steep	rusty brn	5	sub ang	CF	10	04-Aug-11	BA/MG		1	23.28	11.77	113.7	152	16.8	11.3	569	3.38	9.1	0.5	0.3
SHB1131562	603350	6084100	1337	B	15	steep	brn	20	sub ang	CF	5	04-Aug-11	BA/MG		0.94	15.32	4.7	62.3	170	9.1	12.7	746	4.37	3.8	0.4	<0.2
SHB1131563	603300	6084102	1341	B	20	steep	red bnr	30	sub ang	CF	10	04-Aug-11	BA/MG		1.15	26.8	7.61	71.5	199	10.3	10	783	4.14	7	0.6	1.1
SHB1131564	603250	6084101	1340	B	20	0-5	drk brn	0	-	CF	5	04-Aug-11	BA/MG		1.1	73.97	15.94	127.9	492	18.8	14.1	2060	4.31	19.5	1.3	1.9
SHB1131565	603202	6084097	1354	B	15	steep	rusty brn	15	sub ang	CF	5	04-Aug-11	BA/MG		0.92	33.26	15.3	175.4	200	22.9	18.7	1177	4.99	14.2	0.7	1.5
SHB1131566	603147	6084097	1354	B	15	mod steep	brn	10	sub ang	CF	5	04-Aug-11	BA/MG		1.07	29.13	20.54	120.9	175	15.5	9.6	1208	3.37	12.1	0.9	0.3
SHB1131567	603085	6084105	1362	B	10	slight	red brn	15	sub rnd	CF	5	04-Aug-11	BA/MG		1.47	16.84	16.59	69.2	122	13.6	6.9	297	4.74	13.9	0.6	1
SHB1131568	603046	6084098	1356	B	20	0-5	brn grey	15	sub rnd	CF	5	04-Aug-11	BA/MG		1.17	100.38	14.48	197.9	1345	21.2	10.4	3931	3.08	13	1.4	2.7
SHB1131569	602995	6084093	1349	B	10	slight	grey brn	15	sub ang	CF	5	04-Aug-11	BA/MG		1.32	13.86	13.78	50.6	99	6.7	3.9	159	2.65	7.7	0.4	0.8
SHB1131570	602949	6084098	1362	B	10	slight	red brn	20	sub rnd	CF	5	04-Aug-11	BA/MG	Average of SHB1131571 & SHB1131570	1.455	34.55	31.465	177.05	313.5	12.8	6.95	310	4.305	15.75	0.5	1.9
SHB1131574	608644	6080577	1130	B	10	steep	dark brn	25	ang	CF	10	05-Aug-11	BA/PF	marginal sample in creek valley, no silt	1.63	34.97	9.91	36.6	262	2.5	2.4	138	2.17	3.6	0.7	1.4
SHB1131579	610707	6080052		B	15	gentle	grey brn	20	sub ang	CF	3	17-Aug-11	BA/CK	abnt devils club	1.1	37.79	10.52	84.1	114	23.8	13.2	959	4.1	14.2	0.6	3.4
SHB1131580	610663	6080040	612	B	15	gentle	reddish brn	5	sub ang	CF	5	17-Aug-11	BA/CK		1.11	30.14	9.63	66.8	252	15.3	12.1	785	3.49	11.4	0.3	1.2
SHB1131581	610609	6080056	634	B	25	gentle	grey brn	20	sub ang- sub rnd	CF	10	17-Aug-11	BA/CK	base of ravine	0.85	21.14	7.22	73.5	53	15.1	8.6	318	3.48	12.4	0.3	1.2
SHB1131582	610546	6080061	627	B	20	gentle	brn	5	sub rnd	CF	10	17-Aug-11	BA/CK	at base of ravine	0.93	36.02	8.05	77.2	178	19.9	12.7	686	3.64	11.1	0.4	2.3
SHB1131583	610503	6080040	639	B	25	gentle	med bnr	15	sub ang- sub rnd	CF	10	17-Aug-11	BA/CK		0.91	38.88	7.11	68.7	354	18.1	8.2	1074	2.43	11.9	0.7	0.7
SHB1131584	610448	6080038	660	B	15	gentle	med brn	10	sub ang	CF	15	17-Aug-11	BA/CK		1	29.94	7.74	148.8	193	17.1	10.2	818	2.8	10.4	0.3	1.1
SHB1131585	610398	6080046	669	B	25	gentle	drk brn	3	sub ang	CF	30	17-Aug-11	BA/CK	gravel bar? Denser veg	1.2	41.62	6.81	136.3	332	16.5	7.8	1117	1.92	7.7	0.3	0.4
SHB1131586	610345	6080052	672	B	10	0	brnish gry	30	sub rnd-sub ang	Mix	3	17-Aug-11	BA/CK	evidence of selected logging	1.06	28.8	9.14	72.6	181	19.3	12.3	1331	3.34	13.5	0.5	1.6
SHB1131587	610298	6080042	664	B	15	0	rusty brn	10	sub ang-sub rnd	Mix	5	17-Aug-11	BA/CK	relatively clay rich	1.04	14.91	6.86	67.5	76	13	7.5	262	3.4	14.8	0.2	0.8
SHB1131588	610246	6080051	689	B	12	0	brn grey	0	-	Mix	20	17-Aug-11	BA/CK	25m off location due to evidence of disurbance at location	1.76	120.86	16.88	112.4	1675	37.8	16.9	2327	3.88	23.4	1.4	3.3
SHB1131589	610227	6080044	692	B	15	gentle	rusty brn	15	sub ang-sub rnd	Mix	10	17-Aug-11	BA/CK	previously cut forest	1.15	31.61	11.04	127.3	195	13.9	12	746	3.57	19.1	0.3	<0.2
SHB1131590	610155	6080052	716	B	10	gentle	rusty brn	15	sub ang	Mix	5	17-Aug-11	BA/CK	previously cut forest	1.14	39.49	11.13	119.2	313	20.5	11.6	1354	3.69	20.1	1.1	1.6
SHB1131591	610095	6080056	717	B	10	gentle	rusty brn	20	sub ang	Mix	0	17-Aug-11	BA/CK	Average of SHB1131592 & SHB1131591	1.29	18.8	8.96	105	148	14.3	8.35	429.5	3.605	17.8	0.35	7.85
SHB1131595	610053	6080047	747	B	10	mod	rusty brn	20	sub ang-sub rnd	Mix	5	17-Aug-11	BA/CK	previously cut forest	0.89	22.49	8.64	88.5	296	17.5	8.9	379	3.28	23.2	0.4	2
SHB1131596	610001	6080050	750	B	25	gentle	light brn	15	sub ang	Mix	3	17-Aug-11	BA/CK	previously cut forest	1.37	30.66	8.42	97.8	213	23.7	10	815	3.07	23.2	0.5	1.4
SHB1131597	609946	6080044	764	B	20	gentle	light grey brn	12	sub ang sub rnd	Mix	15	17-Aug-11	BA/CK		0.69	12.29	5.72	80.6	139	12.8	5.9	293	2.37	8.6	0.2	<0.2
SHB1131598	609910	6080054	769	B	10	gentle	med brn	3	sub ang	Mix	5	17-Aug-11	BA/CK	very clay rich	1.47	60.18	13.17	149	373	33.1	15.7	2179	4.16	16.3	1.6	2.2
SHB1131599	609845	6080054	774	B	12	gentle	med grey brn	10	sub ang	Mix	5	17-Aug-11	BA/CK	clay rich	1	30.96	9.54	91.7	264	20.9	12.2	1084	3.43	17	0.5	1.6
SHB1131600	609799	6080047	789	B	20	gentle	med brn	20	sub ang	Mix	5	17-Aug-11	BA/CK		1.16	8.41	9.77	126	243	5.4	4.8	217	3.24	9.9	0.2	0.9
Shb1131751	603770	6084814	1059	B	15	mod	brn	5	sub rn	CF	0	03-Aug-11	MG/PF		0.78	15.07	7.66	66.8	18	14.6	8.7	395	3.02	10.2	0.5	2.7
Shb1131752	603845	6084729	1068	B	15	mod	brn	0	-	CF	5	03-Aug-11	MG/PF		0.96	14.84	8	59.3	57	12.5	6.4	335	3.71	9.8	0.4	2.2
Shb1131753	603987	6084763	1059	B	10	mod	brn	5	sub rnd	CF	5	03-Aug-11	MG/PF		1.16	20.74	11.14	89.7	138	13.4	6.8	364	4.47	15	0.6	1.2
Shb1131754	604078	6084758	1057	B	10	mod	brn	5	sub rnd	CF	0	03-Aug-11	MG/PF		0.86	18.12	8.03	73.2	58	13.5	6.6	356	3.37	11.7	0.5	1.4
Shb1131755	604161	6084755		B	15	gentle	brn	5	sub rnd	CF	5	03-Aug-11	MG/PF		1.07	23.86	7.49	99.9	165	13.1	6.3	391	3.28	9.4	0.5	0.8
Shb1131756	604250	6084715	1056	B	15	gentle	brn	30	sub rnd	CF	5	03-Aug-11	MG/PF		1.01	16.35	7.56	69.7	64	13.9	12.6	649	3.1	8.8	0.6	1
Shb1131757	604360	6084659	1056	B	20	mod	ded brn	20	sub rnd	CF	0	03-Aug-11	MG/PF		1.2	18.64	7.99	60.9	145	12.2	6.7	357	4.51	14.4	0.6	1.7
Shb1131758	604467	6084652	1072	B	10	mod	red brn	15	sub rnd	CF	5	03-Aug-11	MG/PF		1.36	14.09	8.35	55.3	46	7.3	4.3	275	4.14	18.2	0.3	0.9
Shb1131759	604691	6084419	1067	B	40	mod	orange brn	0	-	CF	10	03-Aug-11	MG/PF		1.15	26.45	9.54	64.2	114	16.8	9.2	659	3.75	11.5	0.7	1.3
Shb1131760	604772	6084341	1059	B	15	mod	dark brn	5	sub rnd	CF	5	03-Aug-11	MG/PF		1.15	18.89	8.78	55.2	112	11.8	5.3	307	3.74	13.2	0.5	0.9
Shb1131761	604833	6084273	1055	B	10	mod	red brn	5	sub rnd	CF	5	03-Aug-11	MG/PF		1.06	15.02	8.23	67.8	66	14.8	7.1	321	4.66	14.6	0.5	0.8
Shb1131763	596895	6084049	817	B	15	0	red brn	5	sub rnd	CF	10	04-Aug-11	PF/AG		0.91	14.02	9.33	120.5	153	17.7	7.2	277	4.85	13.6	0.4	1.7
Shb1131764	596855	6084046	808	B	10	0	redbrn	5	sub ang	CF	10	04-Aug-11	PF/AG		0.83	17.05	9.33	113.3	60	20.5	10.7	463	3.47	12.5	0.4	1.4
Shb1131765	596801	6084045	805	B	20	0	orange brn	1	sub rnd	CF	10	04-Aug-11	PF/AG		8.06	27.28	7.86	84.1	391	25.1	11.3	1673	3.08	9.3	8.8	1.1

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1131556	0.6	59.8	0.57	0.78	0.19	88	0.83	0.097	15.3	32.4	0.7	297.9	0.023	3	3.23	0.012	0.11	0.2	6.3	0.1	0.03	84	0.4	0.07	9.4	2.54	<0.1	<0.02	0.55	10.9	0.5	<0.05	0.5	17.15	17.9	0.07	<1	0.7	24.9	<10	<2
SHB1131557	0.4	34.7	0.6	0.46	0.12	70	0.35	0.049	10.9	26.9	0.57	198.1	0.024	3	2.85	0.009	0.07	<0.1	4.1	0.05	0.03	73	0.3	0.05	7.9	1.66	<0.1	<0.02	1.1	6.8	0.6	<0.05	0.5	9.79	17	0.05	<1	0.8	17.8	<10	<2
SHB1131558	0.5	33.6	0.32	0.48	0.14	74	0.65	0.033	13.1	20.5	0.44	468.1	0.027	2	1.86	0.011	0.04	0.1	5.1	0.05	<0.02	47	0.3	0.03	6.7	1.07	<0.1	<0.02	0.86	5.7	0.5	<0.05	0.6	15.92	17.8	0.03	<1	0.6	17.7	<10	<2
SHB1131559	0.2	20.4	0.18	0.64	0.13	101	0.32	0.063	6	26.7	0.61	245.1	0.019	<1	2.78	0.009	0.06	<0.1	3.6	0.03	0.04	54	0.2	0.04	10.3	1.37	<0.1	<0.02	0.98	5.9	0.7	<0.05	0.2	6.88	19.7	0.06	<1	0.6	25.6	<10	<2
SHB1131560	0.3	33.8	0.43	0.48	0.13	135	0.58	0.084	5.2	41.6	0.98	1370	0.059	3	4.46	0.008	0.07	0.1	5.8	0.04	0.05	101	0.4	0.03	13	2.3	<0.1	0.04	1.89	7.6	0.8	<0.05	1.7	6.81	13.4	0.09	<1	0.6	34.5	<10	<2
SHB1131561	0.6	25.7	0.14	0.41	0.14	84	0.22	0.05	5.7	22.4	0.46	301.1	0.028	1	3.34	0.006	0.05	0.1	5.1	0.05	0.02	72	0.4	<0.02	8.2	1.5	<0.1	0.03	1.56	6.7	0.6	<0.05	1.2	4.98	11.6	0.06	<1	0.4	21.6	<10	<2
SHB1131562	<0.1	67.6	0.22	0.25	0.1	116	0.33	0.128	3.7	16.7	0.49	620	0.067	2	3.54	0.007	0.04	0.1	3.1	<0.02	0.07	123	0.5	0.02	9.3	1.15	<0.1	0.02	3.09	3.9	0.5	<0.05	1.6	4.64	7.3	0.04	<1	0.6	13.8	<10	<2
SHB1131563	0.3	33.1	0.27	0.46	0.1	137	0.4	0.065	6.6	17.8	0.44	247	0.137	2	3.4	0.008	0.03	<0.1	5.2	<0.02	0.06	98	0.5	0.04	9.3	1.12	<0.1	0.08	2.02	4.4	0.6	<0.05	4.5	8.88	13.2	0.06	<1	0.4	12.6	<10	<2
SHB1131564	0.4	52.2	0.64	1.12	0.37	136	1.12	0.232	18.1	29.2	0.67	337.6	0.024	5	3.55	0.007	0.08	0.1	9.5	0.19	0.1	144	0.5	0.06	9.8	2.73	0.1	0.07	1.18	7.9	1	<0.05	1.4	53.23	27	0.12	<1	1.1	27.7	<10	<2
SHB1131565	0.3	88.8	0.48	1.21	0.22	124	0.86	0.074	9.7	32.3	1.1	560.2	0.05	5	3.83	0.006	0.09	0.1	7	0.21	0.05	38	0.1	0.02	11.6	2.6	<0.1	<0.02	1.09	9.3	0.9	<0.05	0.4	10.67	19.6	0.07	<1	0.6	27.1	<10	<2
SHB1131566	0.4	36.6	0.31	0.79	0.15	84	0.69	0.1	12	24.5	0.52	207.4	0.019	2	2.4	0.007	0.06	0.1	5.3	0.12	0.05	66	<0.1	<0.02	6.8	1.96	<0.1	0.02	0.78	8.5	0.8	<0.05	0.6	21.26	22.9	0.06	<1	0.7	20	<10	<2
SHB1131567	0.7	17.9	0.24	0.97	0.11	79	0.22	0.045	5.5	25.9	0.43	229	0.038	2	2.71	0.003	0.03	0.2	3.8	0.1	0.05	94	0.2	<0.02	6.6	0.94	<0.1	0.03	1.89	3.9	0.6	<0.05	1.9	6.54	8	0.06	<1	0.3	17.2	<10	<2
SHB1131568	0.5	39.9	1.39	1.29	0.24	90	1.78	0.274	35	30.5	0.55	307.5	0.017	7	3.02	0.008	0.08	<0.1	9.4	0.35	0.17	318	1.9	<0.02	6.2	2.78	<0.1	0.17	1.24	10.3	0.8	<0.05	4.8	91.03	20.7	0.05	1	1.1	16.8	<10	<2
SHB1131569	0.1	23.7	0.19	0.79	0.18	78	0.29	0.038	6.5	15.2	0.21	145.6	0.025	<1	1.27	0.006	0.03	0.1	2.2	0.09	0.03	41	<0.1	0.07	8.1	0.53	<0.1	<0.02	1.16	2.9	1	<0.05	0.3	5.73	10.5	0.03	<1	0.2	5.9	<10	<2
SHB1131570	0.2	20.85	0.985	1.33	0.2	81	0.225	0.047	5.15	20.3	0.43	143.95	0.0285	2	1.93	0.005	0.035	0.1	2.7	0.13	0.07	92	0.5	0.04	7.5	0.89	<0.1	<0.02	0.925	3.1	0.75	<0.05	0.5	4.36	9.45	0.055	<1	0.35	15.3	<10	<2
SHB1131574	<0.1	11.5	0.35	0.66	0.28	68	0.08	0.063	5.6	7.5	0.14	64.9	0.048	<1	1.28	0.005	0.04	0.2	1.7	0.11	0.07	85	<0.1	0.06	5.6	1.14	<0.1	0.03	0.98	4.3	0.8	<0.05	1	4.35	9.6	0.04	<1	0.2	2.7	<10	<2
SHB1131579	0.9	39.5	0.22	0.46	0.33	56	0.56	0.055	10	24.7	0.58	204.2	0.004	2	2.6	0.004	0.08	0.1	7.5	0.09	<0.02	20	0.1	0.05	6.5	1.14	<0.1	0.07	0.53	7.4	0.5	<0.05	1.8	14.34	20.4	0.06	2	0.7	25.8	<10	<2
SHB1131580	0.7	47.2	0.45	0.43	0.26	54	0.6	0.028	7.7	19.4	0.37	140	0.006	1	1.77	0.006	0.07	0.1	4.8	0.07	<0.02	14	<0.1	0.05	5.2	0.97	<0.1	0.03	0.51	8.3	0.4	<0.05	0.8	11	10.4	0.04	<1	0.4	14	<10	<2
SHB1131581	0.8	21.9	0.14	0.44	0.14	50	0.23	0.023	4.4	17.1	0.45	117.8	0.006	<1	1.9	0.006	0.05	<0.1	5	0.05	<0.02	14	<0.1	<0.02	4.9	0.78	<0.1	0.03	0.35	4.9	0.3	<0.05	1.2	5.81	10.8	0.05	<1	0.5	18.9	<10	<2
SHB1131582	0.7	50.8	0.22	0.39	0.18	53	0.67	0.041	12.4	21.7	0.49	205	0.004	1	2.43	0.005	0.08	<0.1	6.6	0.07	0.02	34	0.2	<0.02	5.7	0.95	<0.1	0.04	0.4	7	0.4	<0.05	1.1	17.86	21.2	0.04	<1	0.6	22.3	<10	<2
SHB1131583	0.4	70.8	0.46	0.7	0.22	40	1.08	0.057	16	18.2	0.43	169.5	0.009	2	1.69	0.012	0.06	0.2	6.6	0.08	0.05	100	0.2	<0.02	4.2	0.76	<0.1	0.04	0.58	4.8	0.2	<0.05	1.2	26.9	23.7	0.04	<1	0.6	16.4	<10	<2
SHB1131584	0.3	34	1.14	0.39	0.2	48	0.42	0.05	6.3	18.6	0.33	189.5	0.02	2	1.36	0.007	0.06	0.2	3.1	0.04	0.03	38	<0.1	<0.02	4.9	0.96	<0.1	<0.02	1	6.4	0.4	<0.05	0.3	5.26	12.2	0.03	<1	0.3	13.4	<10	<2
SHB1131585	0.2	80.1	0.87	0.39	0.17	30	1.23	0.063	10.8	14.4	0.33	189.3	0.011	3	1.16	0.006	0.06	0.1	3.4	0.04	0.08	82	<0.1	<0.02	3.4	0.75	<0.1	0.02	0.6	6.4	0.2	<0.05	0.7	17.06	15.3	0.03	2	0.4	7.8	<10	<2
SHB1131586	0.7	30.8	0.24	0.61	0.12	64	0.39	0.044	8	23.7	0.58	126.2	0.022	1	1.81	0.009	0.06	0.1	6.1	0.07	0.02	40	0.1	<0.02	4.8	0.88	<0.1	<0.02	0.36	4.7	0.3	<0.05	1.6	11.83	18.3	0.03	2	0.3	14.8	<10	<2
SHB1131587	0.6	19.4	0.23	0.46	0.13	67	0.21	0.034	4	18.3	0.36	90.5	0.027	1	1.53	0.006	0.05	0.2	2.9	0.03	<0.02	10	<0.1	<0.02	5.8	0.66	<0.1	<0.02	0.68	4.8	0.3	<0.05	0.6	2.42	8.2	0.03	1	0.2	17.3	<10	<2
SHB1131588	1	95.1	0.77	1.12	0.3	61	1.35	0.101	52.2	37.1	0.7	373.3	0.01	3	3.87	0.012	0.13	0.3	14.6	0.24	0.07	209	0.3	0.04	8.9	2.88	<0.1	0.08	0.8	12.4	0.5	<0.05	1.9	85.88	45.1	0.06	<1	1.7	19	<10	<2
SHB1131589	0.3	31.2	0.76	0.6	0.25	66	0.39	0.106	8.7	20.2	0.34	195.1	0.024	2	1.57	0.006	0.07	0.3	3.5	0.05	0.03	32	<0.1	0.03	5.8	1.24	<0.1	<0.02	0.84	7	0.3	<0.05	0.3	10.56	13	0.04	<1	0.3	12.8	<10	<2
SHB1131590	0.9	34.3	0.3	0.74	0.16	67	0.41	0.035	18.2	26.5	0.58	146.2	0.029	1	2.04	0.011	0.07	0.2	10.4	0.11	<0.02	69	0.2	<0.02	6	1.66	<0.1	<0.02	0.71	7.8	0.4	<0.05	1	29.97	23.9	0.04	<1	0.6	16.9	<10	<2
SHB1131591	0.6	21.6	0.37	0.56	0.215	70.5	0.255	0.07	6.55	20.95	0.37	104.75	0.0285	2	1.755	0.006	0.05	0.2	3.8	0.04	<0.02	29	0.1	0.03	6	1.085	<0.1	<0.02	0.74	5.7	0.4	<0.05	0.45	5.675	11.95	0.035	<1	0.4	15.6	<10	<2
SHB1131595	0.6	18	0.41	0.67	0.18	60	0.26	0.082	4.1	17.7	0.43	111.3	0.032	1	1.8	0.005	0.06	0.1	3.1	0.05	0.02	71	0.1	<0.02	4.6	1.09	<0.1	<0.02	0.51	5.1	0.3	<0.05	0.7	3.58	12	0.04	<1	0.4	12.1	<10	<2
SHB1131596	0.5	25.5	0.33	0.53	0.21	52	0.28	0.052	9.9	22.1	0.56	131.6	0.019	1	1.94	0.009	0.07	0.3	4.4	0.09	<0.02	49	0.1	<0.02	5.3	1.5	<0.1	<0.02	0.48	9.2	0.4	<0.05	0.3	10.33	18.4	0.03	<1	0.5	15.9	<10	<2
SHB1131597	0.5	18.9	0.24	0.4	0.23	44	0.23	0.046	5	15.5	0.36	117.6	0.021	1	1.21	0.006	0.04	0.1	2.5	<0.02	<0.02	30	<0.1	0.03	3.9	0.72	<0.1	<0.02	0.47	5.8	0.3	<0.05	0.5	3.66	9.4	0.02	<1	0.2	10.5	<10	<2
SHB1131598	0.8	42.4	0.96	0.51	0.28	63	0.43	0.107	18.8	35.6	0.67	253.1	0.011	<1	2.97	0.007	0.12	0.2	7	0.1	0.02	65	0.2	0.02	7.3	1.49	<0.1	0.03	0.98	13.9	0.5	<0.05	0.9	19.43	33.1	0.05	<1	1.2	16.8	<10	<2
SHB1131599	0.7	29.6	0.31	0.8	0.15	62	0.42	0.04	17.1	25.2	0.59	153.3	0.029	2	1.84	0.014	0.07	0.1	6.5	0.07	<0.02	62	0.1	0.04	5.4	1.34	<0.1	<0.02	0.46	7.6	0.3	<0.05	0.6	23.97	18.4	0.04	<1	0.5	16.1	<10	<2
SHB1131600	0.4	19.9	0.82	0.44	0.25	61	0.22	0.17	5.3	14.4	0.14	114.6	0.025	1	1.23	0.007	0.04	0.2	1.8	0.04	<0.02	35	<0.1	0.03	6.3	0.9	<0.1	<0.02	1.72	5.6	0.7	<0.05	0.4	1.97	10	0.02	<1	0.3	11.4	<10	<2
Shb1131751	1.2	36	0.14	0.49	0.16	62	0.19	0.033	7.3	17.1	0.34	171.7	0.053	3	2.2	0.011	0.05	<0.1	3.9	0.05	<0.02	54	0.2	<0.02	4.6	0.7	<0.1	0.05	0.55	3.9	0.5	<0.05	1.2	4.43	17.7	0.04	<1	0.5	10.3	<10	<2
Shb1131752	0.7	27	0.15	0.42	0.2	83	0.16	0.059	3.7	20.7	0.37	119.2	0.052	2	2.11	0.009	0.05	<0.1	3.6	0.07	<0.02	49	<0.1	0.03	7.7	0.6	<0.1	0.03	0.99	3.6	0.6	<0.05	1.4	1.57	8.1	0.03	<1	0.2	10	<10	<2
Shb1131753	0.4	36.3	0.48	0.65	0.19	98	0.2	0.068	8.3	20.3	0.41	235.5	0.046	3	2.22	0.01	0.07	0.1	4	0.08	0.02	46	0.1	0.06	10.2	1.27	<0.1	<0.02	1.17	8.4	1	<0.05	0.7	6.07	15.6	0.04	1	0.3	11.4	<10	<2
Shb1131754	0.5	20	0.18	0.57	0.11	67	0.15	0.072	5.7	17.8	0.37	147.7	0.025	2	2.32	0.007	0.05	0.1	3.4	0.06	0.02	106	0.2	<0.02	6	0.96	<0.1	<0.02	0.74	5.5	0.5	<0.05	0.5	3.64	12.4	0.04	<1	0.4	13.3	<10	<2
Shb1131755	0.7	24.8	0.37	0.47	0.12	65	0.17	0.094	5.6	20.6	0.37	152.8	0.033	3	2.49	0.008	0.05	0.1	3.7	0.06	<0.02	64	0.2	0.02	6.3	1.33	<0.1	0.03	1.29	6.8	0.6	<0.05	0.7	3.41	11.5	0.04	<1	0.5	16.6	<10	<2
Shb1131756	0.4	73.9	0.13	0.36	0.08	65	0.74	0.052	9.7	18.5	0.48	146.8	0.034	3	2.43	0.018	0.07	<0.1	4.6	0.09	0.02	54	0.2	<0.02	6.1	1.16	<0.1	<0.02	0.45	4.2	0.5	<0.05	0.6	9.81	20.1	0.04	2	0.5	19.1	<10	<2
Shb1131757	0.6	27.6	0.68	0.45	0.09	63	0.17	0.052	4.6	22.3	0.33	124.8	0.043	2	3.07	0.007	0.03	0.1	3.5	0.04	0.04	119	0.3	<0.02	6.4	1.06	<0.1	0.05	1.73	3	0.4	<0.05	2.1	3.17	9.2	0.06	<1	0.4	19.8	<10	<2
Shb1131758	0.6	10	0.17	0.79	0.14	87	0.06	0.139	4.4	16.1	0.23	80.7	0.041	2	1.98	0.007	0.03	0.2	3	0.07	<0.02	103	0.2	0.02	8.8	0.78	<0.1	<0.02	1.07	3.8	0.7	<0.05	0.8	1.89	8.6	0.03	<1	0.2	7.4	<10	<2
Shb1131759	0.4	29.5	0.33	0.64	0.09	75	0.18	0.037	8.1	21.5	0.45	92.5	0.049	2	2.18	0.01	0.05	<0.1	3.7	0.06	0.02	62	<0.1	0.04	6.2	1.3	<0.1	0.02	0.85	5.2	0.5	<0.05	0.9	7.2	17.3	0.04	2	0.3	10.8	<10	<2
Shb1131760	0.2	30.7	0.36	0.5	0.11	87	0.23	0.048	5	19.6	0.3	123.7	0.048	2	1.95	0.006	0.04	<0.1	2.5	0.05	0.03	73	0.2	0.04	8.8	0.61	<0.1	<0.02	1.33	3.6	0.6	<0.05	0.8	3.01	10.4	0.04	<1	0.2	6.4	<10	<2
Shb1131761	0.7	37.7	0.32	0.5	0.09	84	0.23	0.034	4.1	24.2	0.42	199.2	0.087	2	2.46	0.009	0.03	<0.1	3.5	0.05	0.03	60	0.2	<0.02	7.3	0.93	<0.1	0.05	1.37	3.8	0.5	<0.05	2.2	2.31	9	0.05	<1	0.2	13.7	<10	<2
Shb1131763	1.1	19.8	0.55	0.49	0.08	77	0.1	0.042	3.8	28.8	0.39	183	0.068	2	3.42	0.004	0.03	0.1	3.9	0.04	0.02	91	0.3	<0.02	7.1	1.2	<0.1	0.11	2.43	4.3	0.5	<0.05	4.8	2.5	7.7	0.05	<1	0.4	24.6	<10	<2
Shb1131764	1.1	24.9	0.38	0.57	0.08	70	0.17	0.042	4.6	23.9	0.44	199.1	0.051	3	2.41	0.007	0.05	<0.1	3.5	0.05	<0.02	77	<0.1	<0.02	5.2	1.28	<0.1	0.02	0.63	6.9	0.4	<0.05	1.1	3.18	11.9	0.05	<1	0.4	14.3	<10	<2
Shb1131765	0.5	155.6	0.34	0.34	0.09	62	0.9	0.117	12.6	30	0.53	583.3	0.014	3	2.45	0.014	0.08	<0.1	7.1	0.12	0.05	184	0.8	<0.02	5.8	1.26	<0.1	0.06	0.38	9.6	0.4	<0.05	1.7	23.11	20.6	0.04	4	0.8	23.2	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1131766	596756	6084048	804	B	15	0	orange brn	5	sub ang	CF	10	04-Aug-11	PF/AG		1.06	11.51	6.89	112.1	59	14.1	6.6	228	3.68	11.6	0.3	0.3
Shb1131767	596700	6084047	804	B	10	0	brn	15	sub rnd	CF	5	04-Aug-11	PF/AG		0.69	11.43	6.76	57.2	84	15.1	6.6	480	2.31	6.7	0.3	0.5
Shb1131768	596647	6084047	800	B	10	0	brn	0	-	CF	10	04-Aug-11	PF/AG		0.82	19.18	7.23	72.7	27	39	13.7	855	3.07	6.3	0.6	1.2
Shb1131769	596645	6083951	808	B	5	0	brn	5	sub ang	CF	5	04-Aug-11	PF/AG		1.48	15.81	7.08	75.4	29	26.9	11.8	334	3.55	7.2	0.8	1.3
Shb1131770	596701	6083953	824	B	10	0	orange brn	5	sub rnd	CF	10	04-Aug-11	PF/AG	cut block	1.24	13.21	8.93	88.7	131	13.4	5.5	195	3.96	13	0.4	1.1
Shb1131771	596747	6083950	832	B	5	0	red brn	5	sub ang	CF	5	04-Aug-11	PF/AG	cut block	1.39	12.81	10.73	60.8	28	11.3	5.2	227	3.94	13.3	0.4	0.9
Shb1131772	596798	6083948	831	B	5	0	drk brn	0	SA	CF	30	04-Aug-11	PF/AG	wet area	1.12	23.67	7.44	82	168	20	9	833	2.74	8	2.2	0.9
Shb1131773	596850	6083954	830	B	10	0	RdBrn	5	SA	CF	15	04-Aug-11	PF/AG	Cut Block	1.94	17.55	11.99	94.5	189	17.4	7.2	255	4.11	17.4	0.4	1
Shb1131774	596899	6083951	827	B	10	0	Brn	5	SA	CF	10	04-Aug-11	PF/AG	Cut Block	0.7	20.62	6.33	58.7	69	16.4	8.4	326	2.52	7.5	0.7	1.2
Shb1131775	596947	6083947	825	B	10	0	RdBrn	20	SR	CF	5	04-Aug-11	PF/AG	Cut Block	1.32	13.56	10.35	119.2	157	15.5	11.1	699	5.48	16.4	0.5	0.9
Shb1131776	596997	6083948	828	B	10	0	RdBrn	10	SR	CF	5	04-Aug-11	PF/AG	Cut Block	0.73	18.08	7.82	100.9	91	21.4	10.8	443	3.17	11.6	0.5	1.3
Shb1131777	597045	6083947	828	B	10	0	Brn	5	SA	CF	5	04-Aug-11	PF/AG	Cut Block	1.09	18.86	10.11	61.2	160	11.1	4.5	181	3.78	11.5	0.5	1
Shb1131778	597092	6083952	829	B	15	0	Brn	5	SR	CF	5	04-Aug-11	PF/AG	off due to creek	0.66	14.66	6.12	68	78	31.2	9.8	629	2.61	5.8	1.2	3.7
Shb1131779	597152	6083950	829	B	15	0	RdBrn	5	SA	CF	5	04-Aug-11	PF/AG		0.79	11.17	8.73	56.8	249	10.2	3.6	178	3.4	7.8	0.2	1.4
Shb1131780	597151	6084051	824	B	10	Mod	Brn	10	SR	CF	5	04-Aug-11	PF/AG	7M from stream	0.74	22.31	7.84	71.7	94	20.4	8.6	291	3.27	10.7	0.4	1.6
Shb1131781	597101	6084053	825	B	25	0	RdBrn	5	SR	CF	5	04-Aug-11	PF/AG		0.81	9.96	8.02	46.2	50	11.6	3.6	137	3.36	8	0.3	1.5
Shb1131782	597048	6084049	824	B	20	0	RdBrn	10	SA	CF	5	04-Aug-11	PF/AG		0.79	9.17	7.22	85.7	213	12.8	5	196	3.26	6.9	0.4	1.1
Shb1131783	597001	6084046	823	B	20	0	orange brn	10	SR	CF	10	04-Aug-11	PF/AG		1.02	16.2	10.76	103	122	17.1	9.2	462	4.94	12.8	0.5	1
Shb1131784	596951	6084052		B	10	0	RdBrn	5	SA	CF	5	04-Aug-11	PF/AG	Cut Block	0.78	17.37	10.78	96.7	192	18.7	7.3	297	3.87	32.4	0.3	1
Shb1131785	597148	6084149	795	B	5	0	orange brn	5	SR	CF	5	06-Aug-11	PF/AG	Edge of cut block	1.07	11.18	8.32	48.1	209	12.2	4.6	219	3.7	10.3	0.3	1.3
Shb1131786	597096	6084151	801	B	10	0	light brn	0		CF	5	06-Aug-11	PF/AG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131787	597053	6084152	806	B	15	0	Brn	5	SR	CF	5	06-Aug-11	PF/AG		0.85	17.97	8.11	85.5	214	20.4	8.4	295	3.83	9.8	0.5	5.7
Shb1131788	596998	6084154	805	B	20	0	orange brn	5	SR	CF	10	06-Aug-11	PF/AG		0.46	11.51	6.69	56.7	283	9.9	5	659	2.44	3.6	0.4	2.6
Shb1131789	596949	6084154	799	B	10	0	Brn	5	SA	CF	10	06-Aug-11	PF/AG	10 M from road	0.85	16.13	7.24	85.9	131	14.1	7.5	621	3.18	8.3	0.4	3.6
Shb1131790	596902	6084145	807	B	5	0	RdBrn	5	SA	CF	5	06-Aug-11	PF/AG	20 m from road	0.57	7.43	7.16	64.5	133	6.2	2.8	136	2.32	6.1	0.2	2.6
Shb1131791	596848	6084150	795	B	10	0	orange brn	5	SR	CF	10	06-Aug-11	PF/AG		1.2	9.39	7.5	50.4	80	9	4.2	165	3.28	9.2	0.2	1.6
Shb1131792	596797	6084150	792	B	10	0	Brn	0		CF	10	06-Aug-11	PF/AG		4.63	21.05	7.52	74.7	125	19.7	9.4	1141	2.94	8.7	4.4	1.1
Shb1131793	596753	6084147	795	B	20	0	Brn	0		CF	20	06-Aug-11	PF/AG		2.47	30.34	12.83	134	271	26	27.1	>10000	3.71	11.5	1.1	2.9
Shb1131794	596702	6084152	813	B	20	0	Brn	10	SR	CF	5	06-Aug-11	PF/AG		1.16	16.62	6.56	84.3	132	14.5	8.3	527	3.14	6.2	0.4	0.5
Shb1131795	596650	6084154	803	B	20	0	Brn	5	SR	CF	5	06-Aug-11	PF/AG		1	53.46	8.08	68.8	459	28	9.1	290	3.22	8	2.3	5.8
Shb1131796	596654	6084255	814	B	15	0	Brn	10	SR	CF	5	06-Aug-11	PF/AG		0.58	9.83	4.83	60.4	86	15.6	5.6	332	2.34	6.1	0.3	0.8
Shb1131797	596701	6084251	795	B	10	0	Brn	5	SR	CF	5	06-Aug-11	PF/AG		1.03	21.01	6.95	98.6	257	20.8	9.3	1170	2.98	8.8	1.1	1.2
Shb1131798	596759	6084249	792	B	10	0	Brn	0		CF	20	06-Aug-11	PF/AG		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131799	596802	6084256	804	B	10	0	brn	0		CF	20	06-Aug-11	AG/PF	off due to bog	1.88	23.11	8.51	93.4	115	23.1	9.1	462	3.38	7.8	3.2	1.4
Shb1131800	596851	6084251	805	B	5	0	drk brn	0	-	CF	35	06-Aug-11	AG/PF	swampy area	0.87	17.47	6.61	104.5	296	21.4	11.6	4393	2.86	7.6	0.9	3.1
Shb1131801	596912	6084253	811	B	15	0	red brn	15	-	CF	10	06-Aug-11	AG/PF	moved to to road	0.55	9.98	6.94	63.8	109	12.1	4.9	202	3.19	9	0.3	<0.2
Shb1131802	596948	6084250	807	B	10	0	r4ed brn	5	sub ang	CF	10	06-Aug-11	AG/PF		0.74	9.72	7.21	61.2	66	11.6	4.5	221	2.74	7	0.2	<0.2
Shb1131803	597002	6084251	809	B	10	0	red brn	5	ang	CF	5	06-Aug-11	AG/PF		0.74	10.11	6.25	30.4	109	5.6	1.8	52	2.05	4.2	0.2	<0.2
Shb1131804	597049	6084251	799	B	15	0	brn	5	sub rnd	CF	15	06-Aug-11	AG/PF		0.76	17.85	7.4	43.5	163	8.9	4.2	320	2.24	7.2	0.4	<0.2
Shb1131805	597098	6084252	814	B	10	0	red brn	5	sub ang	CF	5	06-Aug-11	AG/PF		0.6	8.79	6.4	54.5	15	12	3.9	101	2.4	6.1	0.2	<0.2
Shb1131806	597149	6084247	801	B	10	0	orange brn	5	sub rnd	CF	10	06-Aug-11	AG/PF	Edge of cut block	0.7	19.41	7.48	92.7	81	22.3	10.6	280	3.26	10.2	0.3	0.5
Shb1131807	597153	6083851	841	B	15	0	red brn	5	sub ang	CF	25	07-Aug-11	AG/BA	10m off creek	0.82	10.2	8.11	70.2	124	9.8	4.3	403	3.92	9.8	0.2	<0.2
Shb1131808	597110	6083851	846	B	15	0	redish grey	0	sub ang-sub rnd	CF	15	07-Aug-11	AG/BA	off due to creek	0.5	4.54	4.03	17.3	44	2.5	1	45	1.17	1.8	0.2	<0.2
Shb1131811	597047	6083851	847	B	10	0	brn grey	5	-	CF	20	07-Aug-11	AG/BA	Average of Shb1131812 & Shb1131811	2.38	31.99	8.78	130.15	982.5	25	11.95	2845	3.305	9.55	2.15	3
Shb1131813	597010	6083848	847	B	15	0	red brn	5	sub rnd	CF	5	07-Aug-11	AG/BA	cut block	0.65	20.51	8.35	76.5	335	15.5	8.5	375	3.4	11	0.4	1.7
Shb1131814	596951	6083852	844	B	30	0	redbrn	0	sub ang	CF	15	07-Aug-11	AG/BA	cut block	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131815	596899	6083850	845	B	15	0	brn	5	-	CF	5	07-Aug-11	AG/BA	cut block	2	18.63	9	73.3	162	17.1	9.6	503	3.55	10.4	0.5	0.5
Shb1131816	596849	6083851	842	B	20	0	brn	10	sub rnd	CF	10	07-Aug-11	AG/BA	cut block	1.27	16.47	8.07	87.5	191	15.3	7.7	439	3.41	11	0.4	<0.2
Shb1131817	596795	6083849	846	B	35	0	brn	5	sub ang	CF	5	07-Aug-11	AG/BA	edge of cut block	2.97	37.18	9.15	82.8	393	24.2	13.9	688	3.61	11.4	1.8	1.2

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1131766	0.8	20.1	0.27	0.44	0.07	76	0.1	0.026	3.4	21	0.3	140.5	0.05	3	2.15	0.005	0.03	<0.1	2.8	0.04	<0.02	69	0.2	<0.02	6	0.8	<0.1	0.05	1.68	4.5	0.5	<0.05	2	1.9	7.4	0.04	<1	0.3	16.1	<10	<2
Shb1131767	0.3	36.2	0.21	0.29	0.07	56	0.26	0.027	4.4	18.7	0.33	144.2	0.022	2	1.69	0.009	0.04	<0.1	2.5	0.06	<0.02	36	<0.1	0.02	5.3	1.11	<0.1	<0.02	0.39	5.7	0.4	<0.05	0.1	2.63	8.7	0.03	<1	0.2	16	<10	<2
Shb1131768	1.8	38.4	0.18	0.34	0.09	59	0.32	0.066	6.5	26.6	0.44	304.9	0.012	2	1.22	0.01	0.12	<0.1	4.4	0.07	<0.02	48	<0.1	<0.02	3.9	0.64	<0.1	<0.02	0.13	6.9	0.4	<0.05	0.6	7.2	15.7	0.02	<1	0.4	11.2	<10	<2
Shb1131769	1.7	34.2	0.08	0.35	0.1	78	0.28	0.062	8	25.8	0.41	292	0.01	3	1.68	0.009	0.06	<0.1	3.6	0.07	<0.02	53	0.1	0.04	4.9	0.56	<0.1	0.03	0.44	5.4	0.4	<0.05	0.6	5.08	16.9	0.04	<1	0.4	9.3	<10	<2
Shb1131770	0.8	11	0.55	0.47	0.1	79	0.06	0.039	4.1	27.1	0.26	132.9	0.043	3	3.08	0.004	0.03	0.1	3.1	0.05	0.02	117	0.1	<0.02	7.4	1.16	<0.1	0.04	2.65	4.3	0.6	<0.05	1.6	2.23	8.1	0.04	<1	0.4	14.9	<10	<2
Shb1131771	0.4	21.8	0.41	0.49	0.11	98	0.14	0.136	3.5	23	0.28	142.5	0.055	3	1.85	0.007	0.05	<0.1	2.6	0.05	<0.02	60	0.2	<0.02	8.1	0.63	<0.1	<0.02	0.87	8	0.5	<0.05	0.7	1.39	6.6	0.03	<1	0.2	8.4	<10	<2
Shb1131772	0.4	149.6	0.29	0.4	0.07	57	0.93	0.071	10.8	22	0.46	438.2	0.019	3	1.85	0.015	0.07	<0.1	5.6	0.08	0.04	98	0.2	<0.02	4.4	0.98	<0.1	0.03	0.47	8.1	0.4	<0.05	0.8	16.33	15.3	0.02	<1	0.4	16.1	<10	<2
Shb1131773	0.9	25.1	0.42	0.59	0.08	79	0.16	0.036	3.8	24.3	0.43	200.7	0.05	3	2.57	0.006	0.05	<0.1	3.8	0.05	0.03	86	0.2	0.02	5.5	1.09	<0.1	0.06	0.97	4.9	0.4	<0.05	2.7	2.47	9.2	0.04	<1	0.3	17.5	<10	<2
Shb1131774	0.5	34.8	0.17	0.27	0.08	58	0.23	0.032	5.5	19.1	0.37	146.2	0.019	2	1.71	0.007	0.04	<0.1	3.8	0.06	<0.02	47	0.2	0.02	4.7	0.9	<0.1	<0.02	0.48	5.5	0.4	<0.05	0.3	4.64	9.4	0.03	<1	0.5	12	<10	<2
Shb1131775	1.6	22.6	0.54	0.48	0.08	95	0.15	0.085	4.1	30.2	0.39	196.9	0.079	3	4.21	0.003	0.03	0.2	4.7	0.05	0.03	60	0.2	<0.02	7.2	1.59	<0.1	0.2	1.68	5	0.5	<0.05	7.2	3.95	10.2	0.07	<1	0.5	23.2	<10	<2
Shb1131776	1.1	29.3	0.36	0.57	0.07	67	0.25	0.052	6.2	23.3	0.53	200.3	0.059	3	2.4	0.008	0.06	<0.1	4.5	0.05	<0.02	57	0.2	0.02	4.8	1.42	<0.1	0.04	0.47	6.8	0.3	<0.05	1.3	4.96	14.6	0.03	<1	0.4	14.6	<10	<2
Shb1131777	0.3	23	0.53	0.52	0.11	92	0.12	0.039	4.3	20.8	0.25	230.3	0.041	2	1.57	0.008	0.04	<0.1	2.5	0.07	0.03	70	<0.1	0.03	8.8	0.84	<0.1	<0.02	1.2	3.9	0.6	<0.05	0.6	1.56	8.5	0.03	<1	0.2	7.4	<10	<2
Shb1131778	0.8	70.3	0.14	0.27	0.26	51	0.6	0.062	6.8	27.2	0.3	387.8	0.009	5	0.98	0.011	0.12	<0.1	4.6	0.09	<0.02	68	0.2	<0.02	3.1	0.54	<0.1	<0.02	0.2	7.9	0.4	<0.05	0.5	11.98	10.6	0.03	<1	0.4	8.1	<10	<2
Shb1131779	0.6	9.1	0.22	0.28	0.14	74	0.04	0.071	3.1	22.1	0.16	89	0.017	2	1.65	0.005	0.03	<0.1	1.9	0.08	<0.02	61	0.2	0.03	7.1	0.68	<0.1	<0.02	1.56	4.5	0.6	<0.05	0.9	0.96	5.8	0.03	<1	0.1	8.2	<10	<2
Shb1131780	1.1	33.4	0.15	0.58	0.08	76	0.23	0.039	6.8	22.1	0.44	165	0.029	2	1.82	0.01	0.05	<0.1	5	0.06	<0.02	31	<0.1	<0.02	5.3	0.86	<0.1	0.02	0.37	4.1	0.4	<0.05	0.9	6.98	13.4	0.03	<1	0.3	12.1	<10	<2
Shb1131781	0.6	9.2	0.07	0.41	0.12	77	0.02	0.109	3.2	21.3	0.12	57.3	0.012	2	1.33	0.004	0.03	<0.1	1.9	0.09	<0.02	52	<0.1	0.02	6.3	0.74	<0.1	<0.02	0.77	5.2	0.6	<0.05	0.4	0.9	6.2	0.02	<1	<0.1	5.5	<10	<2
Shb1131782	0.6	15	0.26	0.27	0.11	80	0.08	0.044	4.4	19.2	0.17	169.4	0.014	2	1.43	0.005	0.04	<0.1	1.9	0.05	<0.02	50	<0.1	0.02	6.1	0.68	<0.1	<0.02	1.08	6	0.6	<0.05	0.4	2.15	8.5	<0.02	<1	0.2	11.3	<10	<2
Shb1131783	1.2	13.6	0.25	0.46	0.11	104	0.04	0.108	3.7	27.2	0.24	138.1	0.016	2	2.46	0.003	0.04	<0.1	3.4	0.06	<0.02	53	0.1	0.02	7.3	0.75	<0.1	0.03	1.23	5	0.6	<0.05	0.8	2.01	7.6	0.05	<1	0.2	18.8	<10	<2
Shb1131784	1	18.2	0.39	0.62	0.1	74	0.1	0.057	3.7	24.5	0.4	161.4	0.041	2	2.49	0.005	0.04	0.1	3.5	0.06	<0.02	104	0.1	<0.02	5.5	0.97	<0.1	0.03	0.81	4.4	0.3	<0.05	2.2	2.27	11.7	0.04	<1	0.3	17.4	<10	<2
Shb1131785	0.8	13	0.16	0.45	0.09	89	0.08	0.081	3.7	19.8	0.26	98.2	0.043	2	1.69	0.004	0.06	<0.1	2.4	0.05	<0.02	69	0.1	<0.02	7.1	0.49	<0.1	0.03	1.17	3.1	0.6	<0.05	1.2	1.18	7.1	0.04	<1	0.1	10.1	<10	<2
Shb1131786	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131787	1.1	16	0.39	0.43	0.32	72	0.1	0.1	4.6	27.1	0.4	187.8	0.013	1	2.77	0.006	0.04	0.1	4	0.08	0.03	136	0.2	0.03	6.3	1.17	<0.1	0.04	0.98	4.1	0.6	<0.05	1.4	4.72	11.1	0.07	1	0.4	17.5	<10	<2
Shb1131788	0.3	30.4	0.41	0.22	0.19	46	0.57	0.043	4.6	22	0.11	349.5	0.005	2	0.72	0.005	0.06	<0.1	2.2	0.07	<0.02	43	0.1	0.02	2.9	0.47	<0.1	<0.02	0.46	11.2	0.5	<0.05	0.2	6.59	6.7	0.03	<1	0.3	3.1	<10	<2
Shb1131789	0.4	20.8	0.28	0.36	0.18	69	0.18	0.054	3.6	22.3	0.31	171.6	0.012	1	1.62	0.006	0.04	<0.1	2.6	0.07	<0.02	42	0.1	0.04	5.4	1.05	<0.1	<0.02	0.73	7.5	0.5	<0.05	0.1	2.12	8.6	0.03	<1	0.2	10.4	<10	<2
Shb1131790	0.4	8.5	0.25	0.3	0.16	62	0.04	0.035	3.1	13.1	0.14	115.1	0.017	1	1.11	0.006	0.02	<0.1	1.5	0.03	<0.02	70	0.1	<0.02	5.9	0.32	<0.1	<0.02	0.77	2.3	0.5	<0.05	0.2	1.1	6.8	0.02	<1	0.1	6.7	<10	<2
Shb1131791	0.5	12.8	0.19	0.52	0.13	84	0.05	0.018	3.1	16	0.21	128.1	0.039	<1	1.28	0.007	0.02	<0.1	1.9	0.05	<0.02	62	0.2	0.03	5.8	0.41	<0.1	0.02	0.79	2.4	0.4	<0.05	0.6	1.24	6.5	0.03	<1	<0.1	6	<10	<2
Shb1131792	0.5	80.3	0.29	0.34	0.11	57	0.56	0.063	10.6	22.6	0.44	374.9	0.013	<1	1.78	0.011	0.05	<0.1	5.8	0.09	0.03	85	0.5	<0.02	4.4	0.88	<0.1	0.05	0.39	8.1	0.3	<0.05	1	17.34	19.1	0.04	3	0.6	14.4	<10	<2
Shb1131793	0.5	83.4	1.66	0.45	0.14	72	1.05	0.094	15.5	34.3	0.56	387.4	0.015	1	3.11	0.008	0.06	0.1	5.9	0.36	0.02	86	0.4	0.04	7.5	1.69	<0.1	0.03	0.54	9.2	0.4	<0.05	0.7	17.05	55.2	0.08	3	1.2	14.9	<10	<2
Shb1131794	0.3	33.1	0.46	0.25	0.13	69	0.19	0.039	4.3	21.7	0.38	156	0.015	<1	1.95	0.009	0.04	0.1	2.7	0.06	<0.02	40	0.2	<0.02	6.6	1.16	<0.1	<0.02	1.21	5.7	0.5	<0.05	0.2	3.61	8.5	0.04	<1	0.3	11.5	<10	<2
Shb1131795	0.5	48.1	0.35	0.31	0.12	54	0.43	0.104	16	36.9	0.47	292.9	0.004	<1	4.01	0.008	0.07	<0.1	5.3	0.12	0.06	213	0.5	<0.02	7.2	1.26	<0.1	0.05	1.12	5.8	0.5	<0.05	1.4	18.02	27.3	0.07	<1	1.2	17.2	<10	<2
Shb1131796	0.3	36.2	0.23	0.29	0.07	57	0.29	0.028	4.7	19.4	0.41	134.8	0.027	1	1.39	0.01	0.04	<0.1	2.7	0.05	<0.02	22	0.1	0.04	4.6	1.08	<0.1	<0.02	0.32	8.2	0.3	<0.05	0.2	3.96	8.4	0.03	<1	0.2	8.8	<10	<2
Shb1131797	0.4	69.7	0.34	0.33	0.1	62	0.55	0.079	9.6	25.9	0.52	354	0.014	1	2.29	0.01	0.06	<0.1	4.8	0.09	0.03	74	0.2	<0.02	5.7	1.54	<0.1	0.03	0.45	9.8	0.4	<0.05	0.7	13.99	18.8	0.04	<1	0.4	15.7	<10	<2
Shb1131798	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131799	1.8	23.5	0.14	0.33	0.13	69	0.11	0.032	13.5	28.5	0.45	309.9	0.009	<1	2.88	0.007	0.04	<0.1	9.7	0.09	<0.02	90	0.3	0.03	6.2	1.06	<0.1	0.07	0.8	3.5	0.5	<0.05	2.9	21.36	22.4	0.05	<1	0.6	17.4	<10	<2
Shb1131800	0.2	95.3	0.64	0.29	0.08	51	0.82	0.089	10.3	22.5	0.44	451.4	0.011	1	2.11	0.011	0.06	<0.1	5.1	0.11	0.05	116	0.3	<0.02	5	1.23	<0.1	0.03	0.46	9	0.4	<0.05	0.7	16.43	22.1	0.04	2	0.5	13.6	<10	<2
Shb1131801	0.7	18.1	0.46	0.36	0.08	67	0.09	0.131	3.6	20.6	0.28	129.8	0.034	1	1.61	0.008	0.03	0.1	2.6	0.04	<0.02	52	0.2	0.03	4.9	0.55	<0.1	<0.02	0.93	3.1	0.3	<0.05	0.9	2.19	8.4	0.03	<1	0.2	7.1	<10	<2
Shb1131802	0.4	17	0.2	0.33	0.08	76	0.05	0.031	2.8	19.8	0.18	107	0.019	2	1.1	0.007	0.03	<0.1	2	0.06	<0.02	41	0.2	<0.02	5.1	0.6	<0.1	<0.02	0.74	4.7	0.4	<0.05	0.4	1.29	6.1	0.02	<1	0.1	4.9	<10	<2
Shb1131803	0.2	7.4	0.16	0.25	0.1	60	<0.01	0.016	2.6	18.1	0.03	54.1	0.008	3	0.65	0.003	0.03	<0.1	1	0.08	<0.02	43	<0.1	<0.02	4.3	0.54	<0.1	<0.02	0.28	3.9	0.5	<0.05	<0.1	0.53	5.1	<0.02	<1	<0.1	0.8	<10	<2
Shb1131804	0.3	35.3	0.2	0.23	0.12	62	0.27	0.029	5	16	0.23	118.7	0.019	<1	1.15	0.008	0.04	<0.1	1.9	0.06	<0.02	18	0.2	0.03	5.2	0.98	<0.1	<0.02	0.75	7.2	0.5	<0.05	0.1	2.44	9.1	0.02	<1	0.2	5.4	<10	<2
Shb1131805	0.4	7.9	0.04	0.22	0.09	63	0.01	0.018	1.6	19.1	0.09	66.8	0.004	2	0.95	0.004	0.06	<0.1	1.7	0.11	<0.02	22	0.1	0.04	3.7	0.66	<0.1	<0.02	0.18	9.7	0.4	<0.05	0.3	0.64	3.4	0.02	<1	0.1	1.9	<10	<2
Shb1131806	1.4	21.3	0.2	0.48	0.07	68	0.14	0.038	3.6	25.2	0.45	169.5	0.031	2	2.82	0.006	0.05	<0.1	4.1	0.06	<0.02	72	0.2	0.02	4.7	1.17	<0.1	0.11	0.56	5.7	0.3	<0.05	3.8	2.75	9.1	0.03	<1	0.4	15.7	<10	<2
Shb1131807	0.7	10.6	0.21	0.31	0.09	86	0.08	0.086	3.1	18.7	0.2	117.9	0.028	2	1.67	0.007	0.03	<0.1	2.4	0.05	<0.02	70	0.2	0.02	7.4	0.53	<0.1	<0.02	1.36	3.8	0.5	<0.05	0.9	1.6	5.8	0.03	<1	0.2	11.6	<10	<2
Shb1131808	0.4	9.4	0.1	0.15	0.05	38	0.03	0.011	3.4	7.5	0.03	73.9	0.011	2	0.39	0.004	0.02	<0.1	0.7	0.04	<0.02	15	0.2	<0.02	3.4	0.41	<0.1	<0.02	0.24	2.6	0.4	<0.05	0.3	0.63	6.8	<0.02	<1	<0.1	0.5	<10	<2
Shb1131811	0.35	84.65	1.23	0.42	0.15	62	0.7	0.1325	25.1	26.8	0.38	505.6	0.01	1.5	2.325	0.0115	0.07	<0.1	7.75	0.185	0.065	223.5	0.3	<0.02	5.3	1.595	<0.1	0.03	0.49	10.35	0.55	<0.05	0.75	51.935	33	0.05	3	0.9	15.35	<10	<2
Shb1131813	1.4	21.7	0.22	0.58	0.08	72	0.12	0.029	5.7	20.2	0.42	136.8	0.031	1	1.89	0.009	0.04	<0.1	4.5	0.08	<0.02	65	0.2	<0.02	5.1	0.93	<0.1	0.03	0.45	5.1	0.4	<0.05	1.3	3.65	12.5	0.03	<1	0.4	11.8	<10	<2
Shb1131814	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Shb1131815	0.7	50.1	0.41	0.57	0.09	63	0.32	0.034	5.6	21.9	0.42	237.4	0.04	2	2.14	0.008	0.06	<0.1	3.7	0.06	0.03	78	0.2	0.03	5.2	1.09	<0.1	<0.02	0.89	5.7	0.3	<0.05	1	5.28	11.9	0.05	<1	0.3	14.8	<10	<2
Shb1131816	1	15.9	0.26	0.45	0.07	75	0.1	0.051	3.8	20.2	0.37	147.4	0.035	2	1.76	0.008	0.03	<0.1	3.2	0.06	<0.02	70	0.1	0.03	5.4	0.63	<0.1	0.02	0.72	4	0.4	<0.05	0.9	2.29	10.6	0.04	<1	0.3	11.9	<10	<2
Shb1131817	0.5	84.7	0.41	0.42	0.09	68	0.55	0.075	13.7	29.6	0.46	289.6	0.02	1	3.21	0.01	0.06	<0.1	6	0.11	0.03	155	0.6	0.03	6.8	1.64	<0.1	<0.02	1.29	6.6	0.5	<0.05	0.6	18.62	25.5	0.05	<1	0.9	19	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
Shb1131818	596749	6083848	848	B	20	0	grey brn	5	sub ang	CF	3	07-Aug-11	AG/BA		1.4	31.7	7.75	93.1	320	21.2	10.5	1075	2.99	8.1	3.4	0.8
Shb1131819	596696	6083850	847	B	15	0	red brn	5	sub rnd	CF	0	07-Aug-11	AG/BA	cut block	0.84	15.62	7.02	74.5	327	10.7	5.7	245	3.43	8	0.3	<0.2
Shb1131820	596648	6083850	848	B	10	0	red brn	5	sub rnd	CF	10	07-Aug-11	AG/BA		0.91	9.24	8.08	38.7	151	6.8	3.2	144	2.72	9.1	0.3	0.5
SHB1131821	596652	6083747	874	B	10	0-5	red brn	5	sub rnd	CF	10	07-Aug-11	AG/BA	cut block	0.99	18.36	7.59	87.1	262	11.3	6.2	359	3.53	9.5	0.4	<0.2
SHB1131822	596706	6083750	871	B	15	0-5	light brn	15	sub rnd	CF	10	07-Aug-11	AG/BA		1.67	22.09	7.2	74.1	403	16.9	10.8	796	2.85	8.3	2.3	0.7
SHB1131823	596752	6083751	869	B	30	0	brn	5	sub rnd	D	10	07-Aug-11	AG/BA		1.96	41.9	8.26	81.4	404	10.4	3.5	290	2.71	8.7	2.7	4.8
SHB1131824	596803	6083751	866	B	45	0	red brn	0	sub rnd	CF	15	07-Aug-11	AG/BA	Cut block	2.27	17.01	6.7	62.5	98	14.6	5.5	232	2.79	8.7	0.5	3.3
SHB1131825	596853	6083747	862	B	30	0	brn	15	-	CF	10	07-Aug-11	AG/BA	Cut block	6.64	19.84	5.97	86.6	260	24.3	10.5	2548	2.6	6.2	10.6	1.7
SHB1131826	596908	6083751	858	B	30	0	light brn	0	sub rnd	Mix	20	07-Aug-11	AG/BA	cut block	1.98	25.83	8.41	85.9	244	15.7	9.4	871	2.92	10.1	4	2.1
SHB1131827	596958	6083750	862	B	30	0	light brn	20	-	CF	10	07-Aug-11	AG/BA	cut block	1.93	20.86	6.17	122.7	236	16.6	7.3	812	2.45	8.1	1.7	3.4
SHB1131828	597004	6083749	862	A?	80	0	black	0	sub rnd	CF	3	07-Aug-11	AG/BA	cut block, extremely deep A layer.80cm, couldn't reach further	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131829	597059	6083746	861	B	15	0	brn	0	-	C F	15	07-Aug-11	AG/BA		1.57	33.73	9.26	97.6	580	20.9	11.4	1483	3.55	11.3	2.9	2
SHB1131830	597099	6083750	861	B	15	0	red brn	15	-	CF	5	07-Aug-11	AG/BA		0.93	19.06	13.61	70	288	7.9	5	545	4.7	13.2	0.4	0.9
SHB1131831	597152	6083750	864	B	10	0	red brn	0	sub rnd	CF	10	07-Aug-11	AG/BA		0.74	15.98	7.56	64	254	16.1	6.3	221	3.46	8.8	0.4	1.1
SHB1131832	599632	6084159	993									08-Aug-11	BA/PF		0.65	40.89	12.12	150.5	75	15.8	17	1654	4.7	9.9	0.5	1.8
SHB1131901	609819	6080046	798	B	15	moderate	rusty brn	20		Mix	5	18-Aug-11	BA/CK		0.96	13.81	8.97	125.9	134	11.7	9.1	471	3.32	13.9	0.2	<0.2
SHB1131902	609750	6080052	816	B	23	moderate	rusty brn	10	sub rnd- sub ang	Mix	3	18-Aug-11	BA/CK		0.94	10.94	6.42	99.2	103	13	6.9	237	3.18	13.7	0.2	0.9
SHB1131903	609781	6080047	802	B	20	gentle	rusty brn	20	sub ang- sub rnd	Mix	5	18-Aug-11	BA/CK	top 10cm is leeched	1.1	14.49	10.7	170.6	156	15.2	11.6	530	4.17	19.4	0.3	0.5
SHB1131904	609720	6080051	820	B	20	moderate	reddish brn	20	sub rnd-sub ang	Mix	3	18-Aug-11	BA/CK	variation in easting location .·. 700 sample not taken	1.03	14.75	8	92.9	104	13.5	8.4	457	3.24	23.9	0.2	0.6
SHB1131905	609678	6080041	827	B	12	gentle	reddish brn		sub ang- ang	Mix		18-Aug-11	BA/CK		1.22	21.4	14.11	90.9	146	16.7	13.5	791	3.61	23.6	0.4	0.7
SHB1131906	609655	6080056	836	B	15	mod	med brn		SA	Mix		18-Aug-11	BA/CK		1.02	16.27	9.1	120.8	120	19	9.6	432	3.86	23.6	0.3	2.3
SHB1131907	609601	6080054	845	B	20	mod	light red brn		SA	Mix		18-Aug-11	BA/CK		0.92	13.92	7.72	78.9	49	14.8	9.1	576	2.85	12.1	0.2	0.6
SHB1131908	609576	6080057	855	B	20	mod	light brn		SA	Mix		18-Aug-11	BA/CK		2.13	17.19	8	60.2	41	15.3	9	426	2.9	10.7	0.3	0.4
SHB1131909	609546	6080055	854	B	25	mod	light brn		SR	Mix		18-Aug-11	BA/CK		1.56	16.16	9.37	76.6	50	14.8	9.3	492	3.05	13.2	0.3	<0.2
SHB1131910	609501	6080053	862	B	20	fairly steep	drk red brn		SA	Mix		18-Aug-11	BA/CK		2.28	21.3	8.35	165.3	83	16.2	14.7	1899	3.8	23.9	0.3	<0.2
SHB1131911	609446	6080049	903	B	15	fairly steep	drk brn		SA	Mix		18-Aug-11	BA/CK		1.55	18.98	9.23	99.2	58	15.5	11.5	785	2.96	13.6	0.3	<0.2
SHB1131912	609407	6080054	915	B	15	mod steep	light brn		SA	Mix		18-Aug-11	BA/CK		1.03	20.43	10.25	61.5	27	15.7	11.3	680	3.15	14.6	0.4	12.3
SHB1131913	609353	6080054	921	B	15	mod steep	drk red brn		SA	Mix		18-Aug-11	BA/CK		2.42	28.69	9.27	70.2	91	17.9	11.7	641	3.46	25.6	0.4	0.6
SHB1131914	610701	6079857	617	B	15	flat	rusty brn		SA	Mix		19-Aug-11	BA/CK		1.03	19.86	11.66	142.2	101	12.7	8.7	417	3.93	35.7	0.2	0.9
SHB1131915	610648	6079852	618	B	20	flat	med brn		SA	Mix		19-Aug-11	BA/CK	Average of SHB1131916 & SHB1131915	1.285	25.83	20.67	124.9	458	15.65	13.45	759.5	3.795	27.85	0.5	2.9
SHB1131919	610596	6079848	622	B	10	gentle	med brn		SA	Mix		19-Aug-11	BA/CK		1.17	27.08	25.34	156.2	220	15.3	13.4	765	3.79	31.5	0.5	2.9
SHB1131920	610547	6079849	626	B	10	flat	rusty bnr		SA	Mix		19-Aug-11	BA/CK		1.3	31.8	27.11	132.8	734	16	14.8	734	3.82	30.5	0.6	2.5
SHB1131921	610502	6079853	633	B	15	gentle	red brn		SA	Mix		19-Aug-11	BA/CK		1.14	16.47	12.68	107.3	225	12	9.5	516	3.68	17.9	0.3	2
SHB1131922	610452	6079855	651	B	25	moderate	rusty brn		SA	CF		19-Aug-11	BA/CK		0.89	12.43	8.34	176.3	206	12.2	9	339	3.74	21.8	0.4	0.8
SHB1131923	610475	6079851	647	B	20	moderate	rusty red brn		SA	CF		19-Aug-11	BA/CK		0.92	9.82	8.84	131.8	141	9.9	9.5	480	3.16	13.6	0.2	1.2
SHB1131924	610421	6079852	650	B	25	gentle	rusty red brn		SA	CF		19-Aug-11	BA/CK		0.82	10.42	8.71	108	149	9	7.9	413	3.35	14.1	0.3	0.3
SHB1131925	610390	6079849	660	B	20	flat	rusty red brn		SA	CF		19-Aug-11	BA/CK		1.02	9.91	8.47	113.3	271	7.9	5.3	207	3.05	11.4	0.3	1.1
SHB1131926	610349	6079851	660	B	22	flat	rusty brn		SA	CF		19-Aug-11	BA/CK		0.97	23.85	9.98	115.8	191	18.6	11.9	408	3.75	29.8	0.3	0.8
SHB1131927	610299	6079849	664	B	20	flat	light rusty brn		SA	CF		19-Aug-11	BA/CK	Prev burned and cut forest	1.08	16.28	9.42	95.1	250	11.9	8.2	400	4.01	20.8	0.3	1.8
SHB1131928	610250	6079850	680	B	25	flat	rusty brn		SA	CF		19-Aug-11	BA/CK	Prev burned and cut forest	1.21	8.22	8.92	91.7	109	7.5	4.9	184	3.64	14.7	0.2	0.5
SHB1131929	610224	6079853	684	B	10	gentle	rusty red brn		SA	CF		19-Aug-11	BA/CK		1.91	16.33	10.64	101.1	215	14.4	8.1	313	4.92	25.3	0.3	0.9
SHB1131930	610201	6079850	688	B	20	gentle	rusty red brn		SR	CF		19-Aug-11	BA/CK	Prev burned and cut forest	1.45	12.67	13.3	99.6	199	10.7	10	409	4.98	23.2	0.3	0.6
SHB1131931	610151	6079853	696	B	20	gentle	rdbrn	10		CF	5	19-Aug-11	CK BA	Prev burned and cut forest	1.01	12.35	8.48	114.4	252	11.5	8	475	3.48	15.6	0.3	<0.2
SHB1131932	610099	6079863	708	B	20	gentle	rdbrn	8	SA	CF	8	19-Aug-11	CK BA	12 m offline due to ravine	1.04	8.48	9.57	109.4	231	6.9	5.8	237	2.85	11.2	0.2	0.9
SHB1131933	610051	6079850	749	B	15	gentle	brn	15	A	Mix	5	19-Aug-11	CK BA		1.27	16.71	10.46	168.6	348	16.9	10.9	476	3.86	22.1	0.3	0.9
SHB1131934	609999	6079849	745	B	15	gentle	brn	15	A	Mix	8	19-Aug-11	CK BA		1.71	15.78	8.72	102.6	159	16.7	8.8	399	3.88	40.7	0.3	59.3
SHB1131935	609948	6079849	749	B	30	gentle	rdbrn	10	SA	Mix	10	19-Aug-11	CK BA	Evidence of burned cut	1.92	32.4	10.17	110.8	231	18.1	13	1455	3.13	12.9	0.5	25.8
SHB1131936	609900	6079851	750	B	18	gentle	brn	20	SA	Mix	5	19-Aug-11	CK BA		1.22	14.16	8.2	132.2	225	12.8	7.3	535	3.85	24	0.3	0.4
SHB1131937	609328	6080048	940	B	10	Mod	rdbrn	10	SA	Mix	5	22-Aug-11	CK BA		0.91	13.47	8	69.9	28	13.1	6.8	246	3.06	12.1	0.2	1.5

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
Shb1131818	0.7	105.7	0.49	0.33	0.07	58	0.66	0.093	22.6	27.2	0.48	449.5	0.01	1	2.47	0.014	0.06	<0.1	7.4	0.1	0.04	123	0.3	0.03	5.6	1.06	<0.1	0.06	0.54	7.9	0.4	<0.05	1.6	34.44	33.6	0.03	<1	1	16	<10	<2
Shb1131819	0.9	15.9	0.62	0.34	0.21	77	0.11	0.048	4.3	21.2	0.15	139	0.035	<1	2.37	0.007	0.04	0.1	2.7	0.04	0.02	86	0.3	0.03	6.1	0.53	<0.1	0.04	1.16	2.7	0.6	<0.05	1.5	2.09	9	0.03	<1	0.3	10.7	<10	<2
Shb1131820	0.3	17.4	0.21	0.38	0.13	70	0.08	0.056	4.3	14.5	0.15	97.1	0.028	1	1.19	0.009	0.03	0.1	1.8	0.07	<0.02	46	0.3	0.02	6.6	0.49	<0.1	<0.02	0.73	3.4	0.5	<0.05	0.3	1.62	7.8	0.02	<1	0.1	4.5	<10	<2
SHB1131821	0.5	33.9	0.47	0.29	0.1	72	0.23	0.064	4.2	18.3	0.23	208.7	0.015	1	1.91	0.006	0.05	<0.1	2.4	0.06	0.02	98	0.2	0.03	7	0.83	<0.1	<0.02	1.64	6.7	0.6	<0.05	0.3	3.2	8.6	0.05	<1	0.3	12.8	<10	<2
SHB1131822	0.5	236.9	0.37	0.34	0.08	58	1.41	0.088	11	21.8	0.41	573.3	0.01	2	1.66	0.014	0.06	0.1	4.7	0.09	0.06	171	0.3	0.03	4.4	0.81	<0.1	0.03	0.59	6.6	0.3	<0.05	1	15.49	16.4	0.04	<1	0.6	14.8	<10	<2
SHB1131823	0.2	51.8	0.35	0.41	0.28	69	0.23	0.052	9.9	19.3	0.13	194.1	0.021	4	0.97	0.006	0.05	<0.1	2.9	0.1	0.03	31	0.1	0.03	4.4	1.24	<0.1	<0.02	2.4	7.5	1.2	<0.05	0.3	7.98	13.4	0.05	<1	0.2	5	<10	<2
SHB1131824	0.2	49.8	0.28	0.4	0.15	60	0.38	0.037	3	18	0.26	213.8	0.014	4	1.75	0.003	0.04	<0.1	2.1	0.07	0.04	85	0.2	0.03	4.6	0.64	<0.1	<0.02	1	5.1	0.4	<0.05	0.4	2.01	7.6	0.03	<1	0.3	12.9	<10	<2
SHB1131825	0.3	75.9	0.63	0.3	0.12	56	0.45	0.101	7.3	25.1	0.28	424.1	0.015	4	1.44	0.01	0.05	<0.1	4.4	0.13	0.04	113	0.4	<0.02	3.5	0.72	<0.1	0.04	0.31	5.7	0.4	<0.05	1	15.88	14.7	0.03	<1	0.5	16.3	<10	<2
SHB1131826	0.2	96.5	0.49	0.34	0.14	63	0.69	0.074	9.8	21.1	0.37	339.9	0.016	3	1.56	0.008	0.05	<0.1	4.7	0.08	0.03	71	0.2	0.02	4.7	0.86	<0.1	<0.02	0.61	5.7	0.5	<0.05	0.6	19.62	11	0.04	2	0.6	17.9	<10	<2
SHB1131827	0.2	132.5	0.42	0.33	0.11	53	0.93	0.083	5.6	21	0.32	529.7	0.01	5	1.22	0.01	0.05	<0.1	3.3	0.08	0.04	75	0.5	<0.02	4.2	0.87	<0.1	0.02	1.18	6.5	0.6	<0.05	0.7	8.73	7.7	0.03	<1	0.3	23.5	<10	<2
SHB1131828	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131829	0.4	90	0.74	0.41	0.12	70	0.47	0.111	17.3	25.3	0.42	423.2	0.009	3	2.34	0.008	0.07	<0.1	6.3	0.12	0.04	89	0.2	<0.02	6	1.5	<0.1	0.02	0.49	8.7	0.5	<0.05	0.7	28.65	22.3	0.05	<1	0.7	18	<10	<2
SHB1131830	0.6	16.2	0.69	0.38	0.2	141	0.12	0.065	3.9	21.4	0.12	150.5	0.092	3	1.23	0.004	0.04	<0.1	2.4	0.06	0.02	53	0.2	0.02	11.7	0.65	<0.1	0.04	4.47	5.6	1.5	<0.05	1.4	1.59	7.6	0.03	<1	0.2	5.5	<10	<2
SHB1131831	0.7	11.5	0.26	0.3	0.11	74	0.03	0.031	2.9	23.1	0.21	161.8	0.008	3	1.73	0.003	0.05	<0.1	2.6	0.09	<0.02	63	0.2	0.04	5.1	0.81	<0.1	<0.02	0.72	6.8	0.5	<0.05	0.6	1.9	8.3	0.04	1	0.3	18.5	<10	<2
SHB1131832	1	36.5	0.44	0.67	0.05	151	0.74	0.068	8.7	20.7	1.09	178.7	0.155	4	1.62	0.019	0.05	<0.1	9.7	0.09	0.02	33	0.1	<0.02	6.8	0.83	<0.1	0.08	0.14	3.2	0.5	<0.05	3.3	16.85	17	0.05	<1	0.4	17.1	<10	<2
SHB1131901	0.3	16.1	0.62	0.58	0.17	63	0.27	0.132	4.4	17	0.35	101.5	0.026	2	1.27	0.007	0.05	0.1	2.3	0.04	<0.02	32	0.1	0.02	5.3	0.98	<0.1	<0.02	0.45	7.7	0.4	<0.05	0.4	2.55	9.1	0.03	<1	0.3	13.4	<10	<2
SHB1131902	0.5	17.5	0.3	0.56	0.14	56	0.2	0.114	4.2	17.1	0.34	85.8	0.016	1	1.58	0.006	0.03	0.1	2.4	0.04	<0.02	33	0.1	<0.02	5.1	0.8	<0.1	<0.02	0.74	5.5	0.3	<0.05	0.3	2.3	7.9	0.03	<1	0.3	14.2	<10	<2
SHB1131903	0.4	21.4	0.6	0.58	0.18	69	0.3	0.187	4.4	19.5	0.39	158.6	0.024	2	1.97	0.005	0.06	0.1	3	0.04	<0.02	37	0.1	0.02	7.1	1.42	<0.1	<0.02	0.94	7	0.5	<0.05	0.4	2.75	8.4	0.05	<1	0.4	18.6	<10	<2
SHB1131904	0.4	17.6	0.27	0.65	0.13	61	0.2	0.098	4.5	16.6	0.37	83.5	0.02	2	1.49	0.007	0.04	0.2	2.7	0.04	<0.02	32	<0.1	0.02	5.4	1.01	<0.1	<0.02	0.44	5.9	0.3	<0.05	0.3	2.49	8.7	0.03	<1	0.3	13.1	<10	<2
SHB1131905	0.3	28.2	0.46	0.85	0.2	57	0.27	0.216	5.4	19.7	0.41	192.7	0.018	2	1.93	0.006	0.06	0.1	2.8	0.04	0.03	49	0.2	0.07	5.2	0.91	<0.1	<0.02	0.28	4.2	0.3	<0.05	0.4	4.65	23.2	0.04	<1	0.5	12.3	<10	<2
SHB1131906	0.6	19	0.42	0.65	0.18	64	0.27	0.158	3.7	20	0.4	135.2	0.012	1	1.85	0.005	0.05	0.2	2.8	0.04	<0.02	37	0.1	<0.02	5.9	0.89	<0.1	0.03	0.84	6.2	0.4	<0.05	0.6	2.43	11.4	0.05	<1	0.8	13.6	<10	<2
SHB1131907	0.6	18.9	0.27	0.63	0.11	55	0.25	0.05	4.8	19.5	0.39	102.1	0.029	1	1.32	0.01	0.05	0.1	3	0.05	<0.02	12	<0.1	0.02	4.2	0.98	<0.1	<0.02	0.28	7.6	0.3	<0.05	0.4	2.87	11.3	0.03	<1	0.3	10	<10	<2
SHB1131908	0.4	21.8	0.19	0.6	0.11	55	0.3	0.026	4.6	19.5	0.42	95	0.023	1	1.43	0.01	0.04	0.1	2.7	0.04	<0.02	14	<0.1	<0.02	4.5	0.74	<0.1	<0.02	0.3	6.1	0.3	<0.05	0.3	2.19	11.3	0.02	<1	0.3	11	<10	<2
SHB1131909	0.7	25	0.25	0.7	0.09	61	0.31	0.02	5.1	21.5	0.46	97.4	0.037	1	1.45	0.015	0.05	<0.1	3.6	0.04	<0.02	16	<0.1	0.02	4.4	0.97	<0.1	0.02	0.64	6.4	0.3	<0.05	0.9	3.17	13	0.03	<1	0.3	12	<10	<2
SHB1131910	0.4	24.4	0.97	0.55	0.21	68	0.43	0.087	5.9	21.2	0.62	236.3	0.017	2	2.55	0.004	0.1	0.2	4.3	0.06	0.03	39	0.1	0.04	7.6	5.05	<0.1	<0.02	0.89	12.6	0.5	<0.05	0.6	5.47	13.4	0.04	<1	0.6	16.5	<10	<2
SHB1131911	0.6	15.4	0.45	0.56	0.13	57	0.28	0.035	6.7	19.9	0.39	126.5	0.016	1	1.65	0.006	0.07	0.1	3.5	0.06	<0.02	27	<0.1	<0.02	5.2	1.29	<0.1	<0.02	0.51	9.9	0.3	<0.05	0.4	5.03	13.6	0.03	<1	0.4	10.2	<10	<2
SHB1131912	1.1	19.7	0.17	0.82	0.19	61	0.28	0.033	6.6	21.2	0.5	101.1	0.052	1	1.39	0.01	0.05	0.2	4.3	0.07	<0.02	24	<0.1	<0.02	4	0.93	<0.1	0.05	0.38	5.1	0.4	<0.05	1.2	5.74	18.6	0.04	2	0.4	11.7	<10	<2
SHB1131913	0.8	22	0.21	0.48	0.2	70	0.4	0.038	6.6	22.7	0.37	194.1	0.01	1	2.42	0.005	0.09	0.2	4.3	0.08	0.02	34	<0.1	0.03	7	2.27	<0.1	0.03	0.91	13.3	0.5	<0.05	1.1	4.57	13	0.04	<1	0.5	12.6	<10	<2
SHB1131914	0.9	12.4	0.55	1.16	0.16	59	0.24	0.211	5.5	17.5	0.42	80.9	0.015	2	1.93	0.004	0.09	0.1	3.2	0.03	<0.02	30	0.1	0.03	5.6	1.54	<0.1	0.04	1.1	6.1	0.4	<0.05	1.2	2.7	10.7	0.05	<1	0.3	23.5	<10	<2
SHB1131915	0.7	21.5	0.445	1.43	0.215	67	0.28	0.073	5.95	21.15	0.615	111.5	0.019	2	1.795	0.008	0.05	0.1	4.35	0.045	0.02	43	0.2	0.04	5.25	1.92	<0.1	<0.02	0.355	4.55	0.35	<0.05	0.45	4.8	14.55	0.045	<1	0.35	19.15	<10	<2
SHB1131919	0.8	23.4	0.5	1.47	0.24	67	0.37	0.077	6.4	21.2	0.59	138.3	0.024	2	1.77	0.007	0.09	0.1	4.4	0.07	<0.02	102	0.2	0.03	5.4	1.92	<0.1	<0.02	0.36	4.1	0.3	<0.05	0.4	5.24	15.8	0.04	<1	0.3	17.6	<10	<2
SHB1131920	0.8	22.4	0.45	1.5	0.19	66	0.27	0.064	7.4	20.7	0.61	126.8	0.02	1	1.84	0.008	0.07	0.1	4.9	0.06	<0.02	76	0.2	0.03	5.3	1.85	<0.1	<0.02	0.39	3.7	0.3	<0.05	0.5	6.8	17.4	0.04	<1	0.3	18.3	<10	<2
SHB1131921	0.5	21.2	0.65	0.74	0.2	71	0.24	0.171	4.3	19.4	0.35	181.7	0.025	2	1.43	0.006	0.04	0.2	2.9	0.05	<0.02	62	0.2	0.03	5.5	0.85	<0.1	<0.02	0.77	3.6	0.5	<0.05	0.4	2.64	8.3	0.04	<1	0.3	11.4	<10	<2
SHB1131922	1	12.8	0.44	0.66	0.19	69	0.15	0.146	4.9	18.9	0.4	73.7	0.038	1	2.05	0.004	0.04	0.2	3.1	0.05	<0.02	54	0.1	<0.02	6.2	1.23	<0.1	0.06	2.74	5.7	0.7	<0.05	2.7	3.13	9.5	0.04	<1	0.7	14.3	<10	<2
SHB1131923	0.6	19.3	0.45	0.56	0.16	63	0.19	0.114	4.2	16.7	0.34	117.7	0.035	1	1.47	0.006	0.04	0.2	2.4	0.05	<0.02	69	0.1	0.02	5.1	1.04	<0.1	0.03	1.1	5.7	0.5	<0.05	0.9	2.16	8	0.03	2	0.3	10.9	<10	3
SHB1131924	0.8	17.2	0.3	0.6	0.17	66	0.2	0.178	4.5	16.4	0.31	91.1	0.021	1	1.61	0.006	0.04	0.2	2.7	0.06	<0.02	48	<0.1	0.02	6.1	1.08	<0.1	0.03	1.23	7	0.5	<0.05	1.6	2.62	8.9	0.03	<1	0.2	15.5	<10	<2
SHB1131925	0.9	8.5	0.3	0.54	0.24	55	0.09	0.127	5.1	16.1	0.25	73.3	0.026	<1	1.79	0.005	0.03	0.2	2.4	0.05	0.02	78	0.2	0.04	5.8	1.13	<0.1	0.05	2.43	6.8	0.6	<0.05	1.8	2.19	9.4	0.03	<1	0.3	16.1	<10	<2
SHB1131926	1.1	11.7	0.27	0.77	0.16	72	0.13	0.108	4.2	22.3	0.46	102.5	0.034	2	2.83	0.004	0.03	0.2	4	0.06	<0.02	54	0.1	0.05	5.3	1.43	<0.1	0.1	0.41	6.6	0.3	<0.05	3.5	3.19	8.9	0.05	<1	0.5	16	<10	<2
SHB1131927	1.1	11.1	0.26	0.67	0.21	76	0.09	0.14	5.3	22.4	0.33	73.2	0.031	<1	2.31	0.007	0.04	0.2	3.9	0.07	<0.02	79	0.2	0.04	6.6	1.3	<0.1	0.08	0.9	6.9	0.5	<0.05	2.9	3.27	10.7	0.04	<1	0.4	18.1	<10	<2
SHB1131928	0.8	7.6	0.23	0.64	0.2	75	0.07	0.085	4.7	18.2	0.23	99	0.03	<1	1.63	0.005	0.03	0.2	2.3	0.05	<0.02	24	0.1	0.05	6.8	0.78	<0.1	0.04	1.2	5.2	0.6	<0.05	1.4	1.9	8.5	0.03	<1	0.3	14	<10	<2
SHB1131929	0.8	11.5	0.24	0.69	0.24	89	0.11	0.07	4.3	21.1	0.34	110.8	0.026	1	2.31	0.005	0.04	0.2	3.3	0.06	<0.02	55	0.2	0.04	8.2	1.27	<0.1	0.04	1.46	5.5	0.6	<0.05	1.6	2.72	9.5	0.06	<1	0.4	23.7	<10	<2
SHB1131930	1	11.2	0.28	0.74	0.22	99	0.12	0.228	4.5	22.3	0.34	102.4	0.037	1	2.01	0.004	0.03	0.2	3.3	0.05	<0.02	35	0.2	0.05	8	1.15	<0.1	0.03	1.11	5.8	0.6	<0.05	1.4	2.58	8.7	0.04	<1	0.3	19.2	<10	<2
SHB1131931	0.9	15.8	0.26	0.56	0.29	66	0.21	0.145	4.7	19.1	0.3	109.9	0.024	2	2.02	0.005	0.05	0.2	2.9	0.04	<0.02	78	0.2	<0.02	6	0.9	<0.1	0.03	1.16	6.5	0.4	<0.05	1.5	2.69	9.4	0.04	<1	0.3	14	<10	<2
SHB1131932	0.8	9.3	0.38	0.47	0.26	56	0.07	0.105	4.6	13.5	0.18	100.9	0.018	<1	1.24	0.006	0.03	0.2	1.8	0.06	<0.02	28	<0.1	0.05	5.2	0.96	<0.1	0.04	1.66	5.1	0.7	<0.05	1.5	1.54	9	0.03	<1	0.2	9.3	<10	<2
SHB1131933	0.6	21.9	0.55	0.66	0.22	65	0.22	0.193	4.5	20.3	0.42	170	0.027	2	2.06	0.006	0.05	0.3	3	0.05	0.03	71	0.2	0.04	5.9	1.21	<0.1	<0.02	2.05	5.1	0.6	<0.05	0.5	2.69	13.6	0.04	<1	0.3	16.7	<10	<2
SHB1131934	0.3	28.2	0.45	0.69	0.21	69	0.3	0.098	4.3	20.7	0.44	137.3	0.02	1	1.66	0.006	0.05	0.2	2.5	0.05	<0.02	36	0.2	0.03	5.9	0.87	<0.1	<0.02	0.52	6.7	0.4	<0.05	0.1	2.35	9.4	0.04	<1	0.3	19.6	<10	<2
SHB1131935	0.3	44.4	0.61	0.47	0.35	56	0.44	0.078	13.3	20.2	0.4	172.2	0.011	<1	1.99	0.006	0.07	0.5	3.2	0.09	<0.02	23	0.1	0.04	6	1.66	<0.1	<0.02	0.62	12.6	0.5	<0.05	0.2	13.61	18.4	0.03	<1	0.5	14.3	<10	<2
SHB1131936	0.2	22.2	0.46	0.6	0.26	67	0.23	0.154	4.7	18.3	0.33	118.8	0.021	1	1.65	0.006	0.05	0.3	1.9	0.05	0.03	60	0.2	0.02	6.4	1.2	<0.1	<0.02	1.08	7.8	0.6	<0.05	<0.1	2.33	9	0.03	<1	0.3	16.1	<10	<2
SHB1131937	0.5	8.9	0.18	0.58	0.15	57	0.11	0.061	4.8	17	0.32	100.3	0.014	<1	1.47	0.005	0.05	0.2	2.4	0.05	<0.02	32	0.1	0.03	4.7	0.71	<0.1	<0.02	0.45	4.6	0.3	<0.05	0.3	2.27	9.9	0.03	<1	0.3	10	<10	<2

Sample ID	Easting	Northing	Elevation	Horizon	Depth cm	Slope Angle	Color	% Course Fragments	Fragment Shape	Vegetation	Organic %	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
SHB1131938	609298	6080054	957	B	10	Mod	orngbrn	10	SA	Mix	10	22-Aug-11	CK BA		0.98	13.54	7.58	67.4	149	14.2	7.2	222	3.24	25.3	0.3	0.3
SHB1131939	609274	6080056	960	B	20	Mod	grey brn	7	SA	Mix	5	22-Aug-11	CK BA		1.15	12.38	7.95	65.9	102	12.1	6.6	228	3.16	12.7	0.3	1
SHB1131940	609249	6080052	968	B	20	Mod	brn	5	SR	Mix	5	22-Aug-11	CK BA		0.86	39.04	9.41	71.4	209	24.5	12.4	1069	3.23	13.6	0.5	0.5
SHB1131941	609224	6080054	977	B	15	Mod	brn	5	SR	Mix	5	22-Aug-11	CK BA		0.79	14.07	8.84	78.4	49	14.6	7.1	248	3.13	14	0.3	0.9
SHB1131942	609199	6080057	981	B	15	Mod	brn	5	SA	Mix	5	22-Aug-11	CK BA	minor rusty lenses	0.94	11.32	7.05	69.4	113	12.6	7.6	374	2.79	10.3	0.2	0.3
SHB1131943	609157	6080050	1013	B	15	Steep	brn	5	SA	Mix	5	22-Aug-11	CK BA		1.06	12.85	9.89	57.6	422	10.7	7.9	287	3.36	13.4	0.2	0.4
SHB1131944	609127	6080050	990	B	15	Steep	brn	15	SA	Mix	5	22-Aug-11	CK BA		1.26	12.64	8.6	71.3	52	13.4	6.8	236	3.6	15.3	0.3	0.3
SHB1131945	609101	6080050	1005	B	15	Steep	brn	10	SA	Mix	10	22-Aug-11	CK BA	15m N of site because of steepness	0.96	18.41	8.36	63.3	28	17	8.1	281	3.23	14.2	0.3	1.1
SHB1131946	609858	6079847		B	15	gentle	brn	15	SA	Mix	5	23-Aug-11	CK BA	Average of SHB1131947 & SHB1131946	1.255	14.41	6.215	88.6	123.5	14.8	6.6	311	3.005	14.2	0.3	0.6
SHB1131950	609800	6079848	783	B	10	gentle	rdbrn	20		Mix	5	23-Aug-11	CK BA		1.05	15.07	9.37	103.6	234	12.3	7.1	280	3.75	24	0.3	<0.2
SHB1131951	609740	6079858	816	B	20	Mod	brn	10	SA	Mix	5	23-Aug-11	CK BA		0.82	24.35	7.5	73.3	144	15.6	7.5	448	2.96	12.7	0.6	4.9
SHB1131952	609707	6079842	800	B	15	Mod	brn	30	SR	Mix	5	23-Aug-11	CK BA	j.c.g sand and clay rich sample	0.72	24.46	9.36	69	69	14.4	10.5	951	2.99	12.4	0.4	2.4
SHB1131953	609655	6079850		B	15	Mod	brn	15	SA	Mix	5	23-Aug-11	CK BA	Clay rich	0.63	26.46	10.28	80.1	97	15.7	10	760	3.26	14.1	0.4	1.9
SHB1131954	609600	6079841	827	B	10	Mod	brn	10	SA	Mix	5	23-Aug-11	CK BA	minor rusty lenses	1.34	38.72	14.18	147.1	101	31.5	31.3	1663	3.8	15.7	0.5	2.4
SHB1131955	609554	6079851	844	B	15	Steep	brn	35	SA	Mix	5	23-Aug-11	CK BA		0.82	20.6	8.05	71.6	70	15.2	8	386	3.29	14.1	0.3	1.6
SHB1131956	609503	6079856	846	B	10	Mod	ltbrn	5	SA	Mix	5	23-Aug-11	CK BA		0.88	30.55	9.68	97.5	161	15.7	10.2	1082	3.53	16.1	0.5	1.4
SHB1131957	609444	6079841	831	B	10	Mod	ltbrn	10	SA	Mix	5	23-Aug-11	CK BA		0.83	27.91	11.1	81.4	137	12.7	7.7	406	3.09	14.1	0.5	1.5
SHB1131958	609398	6079866	887	B	10	Steep	brn	5	SA	Mix	5	23-Aug-11	CK BA		2.55	28.04	9.47	112.5	465	16.4	19	911	3.67	20.2	0.5	4.2
SHB1131959	609348	6079842	899	B	15	Mod	brn	15	SA	Mix	5	23-Aug-11	CK BA	Rusty lenses	1.28	32.98	11.52	164.6	788	10.1	10.6	466	3.18	30.9	0.3	0.9
SHB1131960	609304	6079823	935	B	15	Mod	rdbrn	5	SA	Mix	5	23-Aug-11	CK BA		0.78	21.23	9.53	118.7	52	11.3	9.7	774	3.94	12.9	0.4	1.2
SHB1131961	609251	6079834	915	B	15	Mod	dkbrn	15	SA	Mix	<5	23-Aug-11	CK BA	GPS inaccurate	1.32	79.74	13.76	150.1	317	27.3	20.2	998	3.95	44.2	0.8	2.9
SHB1131962	609191	6079845		B	10	Mod	brn	10	SA	Mix	<5	23-Aug-11	CK BA	GPS inaccurate	1.03	21.47	9.13	82.2	120	13.4	9.4	621	3.31	20.5	0.4	0.8

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
SHB1131938	0.3	15.5	0.2	0.64	0.15	65	0.15	0.045	4.9	17.2	0.29	86.4	0.014	<1	1.56	0.006	0.03	0.1	1.9	0.05	<0.02	28	0.1	<0.02	5	1.12	<0.1	<0.02	0.58	6.1	0.4	<0.05	<0.1	2.48	10.9	0.04	<1	0.3	11.7	<10	<2
SHB1131939	0.7	11.9	0.17	0.6	0.17	58	0.11	0.059	4.8	18.2	0.32	82.1	0.018	<1	1.62	0.006	0.04	0.2	2.4	0.06	<0.02	33	0.1	0.04	5.4	0.93	<0.1	<0.02	0.55	6.7	0.3	<0.05	0.4	1.84	10	<0.02	<1	0.2	12.8	<10	<2
SHB1131940	0.9	56.7	0.25	0.57	0.18	58	0.81	0.05	10.2	25.7	0.55	216.9	0.009	<1	2.54	0.008	0.06	0.1	5.5	0.1	0.03	50	0.2	0.04	5.5	1.81	<0.1	0.06	0.65	10.2	0.4	<0.05	1.4	11.71	18.8	0.03	<1	0.6	13.5	<10	<2
SHB1131941	0.8	11.2	0.2	0.53	0.16	57	0.13	0.144	5.1	19.7	0.36	83.4	0.015	<1	1.7	0.006	0.04	0.1	2.7	0.06	<0.02	59	0.1	<0.02	5.1	1.13	<0.1	<0.02	0.51	7.6	0.4	<0.05	0.6	2.23	10.6	0.04	<1	0.3	14.4	<10	<2
SHB1131942	0.4	19.5	0.33	0.52	0.14	54	0.22	0.044	4.5	16.7	0.32	74.7	0.018	<1	1.22	0.005	0.07	0.1	1.9	0.04	<0.02	16	0.2	0.02	4.6	0.6	<0.1	<0.02	0.42	6.4	0.3	<0.05	0.1	1.8	9.1	0.02	<1	0.1	11.2	<10	<2
SHB1131943	0.4	16.4	0.25	0.6	0.13	67	0.14	0.036	4.5	19.6	0.31	87.2	0.02	<1	1.52	0.007	0.03	0.1	2.4	0.05	<0.02	33	0.2	0.03	5.2	0.97	<0.1	<0.02	0.45	6.2	0.3	<0.05	0.2	1.77	9.5	0.03	<1	0.2	13.9	<10	<2
SHB1131944	0.5	14.7	0.17	0.58	0.16	70	0.18	0.054	4.7	18.5	0.35	82.5	0.013	<1	1.85	0.004	0.04	0.2	3.1	0.06	0.02	28	0.2	0.04	6.6	1.25	<0.1	<0.02	1.14	5.7	0.5	<0.05	0.3	3.25	8.9	0.04	<1	0.3	16.3	<10	<2
SHB1131945	0.8	13.3	0.17	0.62	0.13	63	0.1	0.036	4.8	20.6	0.39	111.3	0.017	<1	1.82	0.006	0.04	0.1	2.9	0.05	<0.02	31	0.2	0.03	5.2	0.99	<0.1	<0.02	0.46	7	0.3	<0.05	0.6	2.38	10.2	0.03	<1	0.4	13.6	<10	<2
SHB1131946	0.5	25.95	0.28	0.575	0.165	54.5	0.305	0.059	4.65	18.15	0.355	88.35	0.0175	1	1.65	0.0055	0.055	0.2	2.4	0.055	<0.02	29.5	0.2	0.025	4.95	0.985	<0.1	0.02	0.925	7.1	0.4	<0.05	0.35	2.795	10.25	0.03	<1	0.35	13.1	<10	<2
SHB1131950	0.6	12.6	0.35	0.71	0.17	71	0.21	0.156	4.2	18	0.37	88.9	0.026	<1	1.79	0.005	0.04	0.2	2.8	0.04	<0.02	42	0.2	0.02	5.8	0.93	<0.1	<0.02	0.82	5.3	0.3	<0.05	0.6	2.22	9.1	0.04	<1	0.3	16.8	<10	<2
SHB1131951	0.5	22.6	0.43	0.58	0.41	58	0.21	0.033	8.1	19.8	0.41	116.1	0.024	2	1.64	0.01	0.04	0.1	3.7	0.06	<0.02	37	0.1	<0.02	4.7	0.97	<0.1	<0.02	0.42	5.3	0.4	<0.05	0.3	7.6	17.6	0.04	<1	0.3	13.8	<10	<2
SHB1131952	0.9	30.3	0.27	0.79	0.13	62	0.44	0.058	8.8	18.5	0.49	125.3	0.051	2	1.32	0.018	0.05	0.1	5.1	0.05	<0.02	51	<0.1	<0.02	4	0.86	<0.1	0.04	0.28	3.1	0.3	<0.05	1.2	11.58	18.8	0.03	<1	0.3	11.5	<10	<2
SHB1131953	0.7	32.4	0.2	0.88	0.13	68	0.59	0.058	7.9	22.7	0.56	132	0.052	3	1.51	0.02	0.07	<0.1	5.2	0.05	<0.02	37	<0.1	0.05	4.6	0.89	<0.1	0.05	0.28	3.8	0.3	<0.05	0.7	9.46	16.5	0.02	<1	0.4	13.4	<10	<2
SHB1131954	1	25.3	0.52	1.52	0.12	50	0.34	0.091	7.3	15.3	0.4	136.3	0.018	<1	1.4	0.007	0.07	<0.1	6.9	0.05	<0.02	64	<0.1	<0.02	4	2.72	<0.1	<0.02	0.19	3.5	0.2	<0.05	0.4	9.31	18.9	0.04	<1	0.3	14.4	<10	<2
SHB1131955	0.8	22.4	0.28	0.73	0.15	65	0.21	0.047	5.6	20.9	0.45	116.1	0.037	1	1.73	0.011	0.05	0.1	3.9	0.05	<0.02	34	<0.1	<0.02	4.9	0.99	<0.1	<0.02	0.48	6.9	0.4	<0.05	0.6	4.04	12.9	0.03	3	0.2	14.1	<10	<2
SHB1131956	0.5	12.7	0.37	0.83	0.16	64	0.11	0.046	7.8	23.2	0.56	76.3	0.02	<1	1.98	0.008	0.06	0.1	4.6	0.06	<0.02	51	0.1	0.03	5.3	1.26	<0.1	<0.02	0.44	5	0.3	<0.05	0.4	7.2	17.5	0.04	<1	0.4	17.4	<10	<2
SHB1131957	0.9	24.7	0.48	0.98	0.13	61	0.2	0.051	14	17.9	0.39	141.5	0.034	<1	1.62	0.007	0.06	0.1	4.8	0.05	<0.02	45	<0.1	0.03	4.8	0.98	<0.1	<0.02	0.43	4	0.3	<0.05	0.6	9.53	26.9	0.04	<1	0.5	11.6	<10	<2
SHB1131958	0.2	15.7	0.5	4.13	0.13	54	0.12	0.052	9.9	16.6	0.33	155.5	0.005	<1	1.74	0.007	0.03	<0.1	2.9	0.05	0.02	55	0.2	<0.02	4.9	2.87	<0.1	<0.02	0.27	4.1	0.4	<0.05	0.2	10.54	23.1	0.04	<1	0.4	15.5	<10	<2
SHB1131959	0.2	15.1	3.13	1.99	0.17	46	0.13	0.063	7.7	13.6	0.21	107	0.005	<1	1.4	0.006	0.03	<0.1	2.2	0.03	0.03	81	0.2	0.05	4.3	3.67	<0.1	<0.02	0.23	4.8	0.3	<0.05	0.2	4.84	17.6	0.05	<1	0.3	9.8	<10	<2
SHB1131960	0.7	24.5	0.36	0.5	0.1	89	0.35	0.111	5.2	19.6	0.65	118.8	0.084	2	1.77	0.011	0.05	0.1	4.9	0.03	<0.02	38	0.2	<0.02	6	0.91	<0.1	0.03	0.44	4.6	0.5	<0.05	1.8	5.35	14.1	0.04	<1	0.4	15.5	<10	<2
SHB1131961	0.3	25.4	0.72	1.1	0.21	57	0.34	0.106	7.8	21.8	0.56	187.3	0.014	<1	2.65	0.004	0.06	<0.1	3.3	0.07	0.05	102	0.6	0.05	5.6	20.95	<0.1	<0.02	0.47	5.9	0.3	<0.05	0.3	12.13	40	0.06	2	0.3	25.9	<10	<2
SHB1131962	0.3	20.8	0.23	0.66	0.14	70	0.26	0.048	4.9	23.4	0.43	134.8	0.028	1	1.61	0.007	0.03	0.1	2.8	0.04	0.03	68	0.2	<0.02	5.6	2.33	<0.1	<0.02	0.51	3.9	0.4	<0.05	0.4	3.53	12.6	0.03	<1	0.4	13.1	<10	<2

Appendix 3c. Silt Samples and Descriptions

Sample ID	Easting	Northing	Elevation	Stream ID	Fines	Color	Stream Grade	Stream Width m	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
CHB1051851	608551	6082537	682	Elliot creek	85	drkbrn	g	10	25-Jul-11	BA-AG		2.12	28.65	13.73	157	130	13.2	11.8	1138	4.13	21.3	0.5	2
CHB1051852	608399	6082514	724	Elliot creek	85	ltbrn	g	4	25-Jul-11	BA-AG		2.29	27.49	13.5	156.9	140	12.6	11.8	1161	4.31	20.6	0.4	1.5
CHB1051853	608232	6082485	740	Elliot creek	90	ltbrn	g	15	25-Jul-11	BA-AG	Taken from side channel	2.01	28.44	13.85	137.4	138	13.7	11.3	1048	4.02	21.2	0.5	1.7
CHB1051854	608088	6082415	756	Elliot creek	95	brn	g	5	25-Jul-11	BA-AG		2.15	27.92	13.22	156.2	140	13.3	11.6	1088	4.21	21.1	0.4	0.9
CHB1051855	608029	6082289	828	Elliot creek	65	gry-brn	g	1.5	25-Jul-11	BA-AG	Trib	1.96	26.73	16.98	123.2	154	16.4	12.2	1067	3.64	32.6	0.4	1.1
CHB1051856	608026	6082352	780	Elliot creek	85	gry-brn	g	3	25-Jul-11	BA-AG		2.47	29.19	13.47	166.4	139	12.5	11.6	1184	4.29	21	0.4	1.1
CHB1051857	607857	6082277	801	Elliot creek	80	gry-brn	g	5	25-Jul-11	BA-AG		2.4	28.98	12.55	170.1	136	12.1	11.7	1189	4.51	19.9	0.5	1.3
CHB1051858	607683	6082236	810	Elliot creek	70	gry-brn	g	3	25-Jul-11	BA-AG		2.3	29.48	13.45	171.8	220	12.6	12.2	1212	4.35	20.1	0.5	0.9
CHB1051859	609098	6082912	614	Elliot creek	90	brn	g	5	25-Jul-11	BA-AG		2.02	26.29	13.3	145.5	111	12.7	11.5	1082	4.13	20.1	0.4	0.4
CHB1051860	608862	6082707	652	Elliot creek	90	brn	g	4	25-Jul-11	BA-AG	Diversion of stream	2.52	39.26	15.69	170.5	216	14.2	12.5	1438	4.27	24.8	0.9	1.4
CHB1051861	602755	6085207	1002	Elliot creek	80	brn	m	1	26-Jul-11	BA-AG	100m downstrm of cut block	1.04	26.77	6.03	67.5	408	14	7.1	1662	1.97	8.5	0.7	4.7
Chb1051862	602663	6085187	1029	Elliot creek	80	brn	m	2	26-Jul-11	PF-BA		0.73	24.88	8.8	107.4	126	25.6	15.2	1045	3.6	9.9	0.4	4
Chb1051863	602000	6085184	1002	Elliot creek	85	brn	m	1	26-Jul-11	PF-BA		0.57	30.85	6.84	80.8	163	21.3	11	915	3.02	7.9	0.5	1.5
CHB1051864	601977	6085140	1011	Elliot creek	80	brn	m	1	26-Jul-11	PF-BA		0.58	27.69	6.52	72.6	138	15.3	9.8	1343	2.72	8.1	0.5	1.2
CHB1051865	601850	6085147	993	Elliot creek	80	brn	m	4	26-Jul-11	PF-BA		0.63	40.65	6.18	73.5	160	25.3	12.6	1184	2.95	7.8	0.5	4.8
CHB1051866	601580	6085044	999	Elliot creek	85	brn	m	4	26-Jul-11	PF-BA		0.63	37.3	6.43	77.6	206	17.9	9.2	941	2.77	8	0.6	0.7
CHB1051867	601787	6084751	1080	Elliot creek	70	brn	m	1	26-Jul-11	PF-BA		0.61	28.51	7.52	79.6	193	23	11.3	1375	2.86	10.5	0.5	1.2
CHB1051901	590280	6083457	916	Hankin	80	brn	g	3	30-Jun-11	AR/SF/MH	sediment trap behind log	0.87	9.52	7.72	47.9	21	9.4	5.9	621	2.21	7.1	3.2	1.9
CHB1051902	590529	6083625	946	Hankin	80	brn	g	2	30-Jun-11	AR/SF/MH	sediment trap behind log	0.88	7.16	7.1	42.8	32	6.5	4.6	518	1.95	6.3	2.8	1
CHB1051903	592203	6082851	1264	Hankin	30	gry	m	2	30-Jun-11	AR/SF/MH	sediment behind rock	0.74	5.35	6.76	39.5	25	5.9	3.4	648	1.42	6.1	5.7	0.7
CHB1051904	596147	6080150	1324	Hankin	85	brn	f	1	30-Jun-11	AR/SF/MH	subalpine meadow	0.6	14.77	7.26	76.4	27	16.2	9.5	819	3.13	11.7	0.5	0.7
CHB1051905	596163	6080120	1319	Hankin	84	brn	g	1	30-Jun-11	AR/SF/MH	below confluence with tributary	0.62	15.66	7.32	77.7	33	16.8	9.7	860	3.07	11.9	0.5	0.9
CHB1051906	595972	6079878	1300	Hankin	75	brn	g	2	30-Jun-11	AR/SF/MH	below confluence with tributary	0.66	16.47	6.79	76.3	28	14.4	9.8	841	2.93	10.7	0.4	0.7
CHB1051907	595874	6079858	1285	Hankin	83	brn	g	2	30-Jun-11	AR/SF/MH	very mixed rock in stream volc/int	0.86	17.52	7.8	89.3	29	14.9	11.1	955	3.57	11.6	0.4	0.4
CHB1051908	594844	6078736	1089	Hankin	60	brn	g	3	30-Jun-11	AR/SF/MH	mixed volc/int	1.22	13.52	8.37	72.2	26	21.4	9.9	664	3.16	13.9	3.7	0.7
CHB1051909	594905	6078707	1072	Hankin	40	brn_gry	g	3	30-Jun-11	AR/SF/MH	mixed volc/int	0.83	17.42	7.57	79	37	13.9	9.7	745	3.16	13.7	0.6	0.5
CHB1051910	602325	6078850	1369	Passby	40	med_brn	g	3	04-Jul-11	AR/SF	sampled behind log, mixed grn-maroon volc	0.56	18.9	11.96	82.5	113	5.7	7.9	1052	3.55	20.6	0.5	1.5
CHB1051911	602397	6078694	1374	Passby	20	drk_brn	m	2	04-Jul-11	AR/SF	o/c is fine grained green andesite	0.65	17.39	11.31	82.8	127	3.3	7.2	1282	2.93	12.3	0.6	0.8
CHB1051912	601277	6080195	1218	Passby	40	brn_gry	g	2.5	04-Jul-11	AR/SF	mix rock	0.83	15.83	11.66	85.3	99	5.5	8.1	1185	3.55	11.7	0.7	1.2
CHB1051913	600891	6080470	1194	Passby	50	brn	g	3	04-Jul-11	AR/SF	mix- beaver dam/ float area	0.58	19.52	10.33	105.7	72	6.4	8.5	1101	3.62	9	0.6	0.5
CHB1051914	600844	6080391	1194	Passby	40	brn_gry	g	1	04-Jul-11	AR/SF	sampled sandbar	0.53	32.73	17.43	162.7	61	4	9.5	1805	3.89	22.1	0.8	0.7
CHB1051915	598996	6080555	1137	Passby	95	drk_brn	g	4	04-Jul-11	AR/SF	mixed volc/int	0.91	31.7	14.07	144	71	8.2	11.6	1410	4.26	12.2	0.6	1
CHB1051916	598554	6080441	1130	Passby	45	red_brn	g	4	04-Jul-11	AR/SF	meandering, subangular mixed volc/int	0.65	23.08	11.11	143	51	8	11.1	1418	4.96	8.5	0.6	0.3
CHB1051917	597956	6079723	1105	Passby	35	brn	g	4.5	04-Jul-11	AR/SF	subangular mixed volc/int	0.55	21.85	9.07	118.7	34	11	10.6	1136	4.11	8.9	0.4	1.6
CHB1051918	597850	6079561	1097	Passby	55	med_brn	g	5.5	04-Jul-11	AR/SF	sampled behind log jam	0.62	23.86	10.46	133.9	63	10	11.1	1294	4.62	9.9	0.5	0.6
CHB1051919	599464	6077296	1386	Passby	20	gry	s	3	04-Jul-11	AR/SF	dominant volc	0.68	28.22	15.85	166.8	205	3.9	7.6	1211	4.16	10.8	0.4	0.8
CHB1051920	604205	6075940	1473	Silvern Trib	50	red	g	2	07-Jul-11	AR/SF	red volc tuff	0.07	4.04	3.59	23.8	16	3.6	7	286	4.33	0.6	0.9	2.3
CHB1051921	604373	6075932	1488	Silvern Trib	30	red-brn	g	1	07-Jul-11	AR/SF	red volc, plus mixed	1.06	68.29	56.5	181.8	418	14.4	12.1	1417	3.78	62.1	0.7	143.9
CHB1051922	601986	6075970	1421	Silvern Trib	50	Brn	m	2	07-Jul-11	AR/SF	mixed volc/int	2.01	47.97	26.67	201.3	449	4.6	11.3	1929	4.46	26.5	0.2	1.1
CHB1051923	603017	6071824	923	Silvern	30	Brn	g	9	08-Jul-11	AR/SF	very mixed rock in stream volc/int	1.21	28.91	16.65	139.8	185	5.9	9.5	947	3.78	22	0.3	1.1
CHB1051924	603058	6071969	923	Silvern	30	Gry/Brn	g	5	08-Jul-11	AR/SF	lower end of silvern creek	1.22	28.4	17.71	139.5	159	5.7	9.6	941	3.79	21.7	0.3	1.3
CHB1051925	603883	6077347	1451	Silvern	35	Brn	g	4	08-Jul-11	AR/SF	mixed volc/int	1.86	26.45	44.24	267.5	397	12.8	10.7	1784	4.13	38.2	0.6	9
CHB1051926	603783	6077168	1435	Silvern	40	Drk Brn	g	3	08-Jul-11	AR/SF	mixed volc/int	2.3	31.29	32.92	316.5	396	12.2	12.2	3735	4.57	47.9	0.8	1.5
CHB1051927	603932	6077442	1435	Silvern Trib	30	Brn/Gry	g	1	08-Jul-11	AR/SF	mixed volc/int	1.18	35.41	42.71	228.2	701	13	9.4	1064	3.54	50	0.7	9
CHB1051930	599845	6078274	1398	Passby Trib	40	Drk Brn	m	3	15-Jul-11	AR/SF	maroon tuff/volc	0.67	27.68	22.27	160.6	211	5.6	10.4	1397	3.86	13.4	1.4	5
CHB1051931	599845	6078274	1398	Passby Trib	40	Drk Brn	m	3	15-Jul-11	AR/SF	duplicate of CHB1051930	0.71	28.02	21.79	161.3	177	5.9	11.7	1441	3.97	13.2	1.1	3.3
CHB1051932	600041	6078266	1414	Passby Trib	20	Drk Brn	m	2	15-Jul-11	AR/SF	felsic volc	0.64	24.83	28.28	169.1	231	5.2	10.5	922	3.95	15.6	0.7	2.8
CHB1051933	602306	6080758	1451	Passby Trib	50	Gry/Brn	m	2	15-Jul-11	AR/SF	felsic volc	0.87	32.11	13.1	202.9	106	9.2	11.2	1659	5.12	15	1.6	1.6
CHB1051934	603568	6081133		Owens	50	Gry	m	2	19-Jul-11	SF/AP		1.18	21.72	11.89	95.5	67	12.8	9.9	899	3.53	10.8	0.9	2.7

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
CHB1051851	0.9	31.9	0.64	1.16	0.14	89	0.58	0.083	10	14.5	0.8	141.4	0.081	4	1.5	0.019	0.06	0.1	7	0.09	0.03	39	0.3	<0.02	6.1	1.25	<0.1	0.06	0.16	3.2	0.4	<0.05	1.9	13.76	19.6	0.05	<1	0.4	22.1	<10	<2
CHB1051852	0.9	30.2	0.65	1.12	0.11	94	0.56	0.078	10	14.8	0.82	141.5	0.088	3	1.5	0.019	0.06	0.1	6.6	0.09	0.05	28	0.3	0.02	6.1	1.22	<0.1	0.05	0.15	3.4	0.4	<0.05	2.5	13.93	19.6	0.04	<1	0.3	21	<10	<2
CHB1051853	0.9	32.8	0.58	1.16	0.11	85	0.58	0.074	9.2	16.5	0.73	144.3	0.07	4	1.61	0.018	0.06	0.1	6.3	0.09	0.04	47	0.4	0.02	6.1	1.21	<0.1	0.04	0.27	3.4	0.4	<0.05	1.6	12.36	18.1	0.05	1	0.3	20.2	<10	<2
CHB1051854	0.9	31	0.58	1.14	0.12	94	0.56	0.083	9.8	14.9	0.76	146.2	0.093	5	1.43	0.018	0.06	0.1	6.6	0.08	0.04	33	0.3	0.03	6.3	1.22	<0.1	0.06	0.16	3.2	0.4	<0.05	2.8	13.09	19.6	0.04	<1	0.4	20.6	<10	<2
CHB1051855	1	35.2	0.55	1.6	0.08	76	0.61	0.067	9.4	20.3	0.62	109.2	0.073	3	1.37	0.019	0.06	0.1	5.9	0.09	0.03	31	0.1	<0.02	4.7	1.35	<0.1	0.05	0.22	3.2	0.4	<0.05	2.1	11.96	18.4	0.04	<1	0.4	14.5	<10	<2
CHB1051856	0.9	29.7	0.64	1.07	0.09	94	0.55	0.083	10.4	14.1	0.8	149.4	0.086	4	1.51	0.016	0.06	<0.1	6.9	0.1	0.04	33	0.3	0.04	6.3	1.16	<0.1	0.06	0.14	3.5	0.4	<0.05	2	14.31	20.4	0.05	<1	0.5	22.3	<10	<2
CHB1051857	0.8	28.4	0.62	1.08	0.08	100	0.57	0.081	10.2	13.7	0.84	145	0.114	4	1.54	0.016	0.08	0.1	7.1	0.1	0.05	31	0.4	0.03	6.8	1.35	<0.1	0.1	0.23	4.1	0.4	<0.05	2.8	14.36	20.4	0.05	<1	0.6	21.1	<10	<2
CHB1051858	0.8	29.4	0.69	1.32	0.08	94	0.58	0.079	10.4	14.8	0.83	148.3	0.088	5	1.53	0.016	0.07	0.1	7	0.09	0.05	37	0.4	0.04	6.5	1.25	<0.1	0.04	0.2	3.6	0.5	<0.05	1.8	14.39	20.6	0.03	<1	0.6	22.3	<10	<2
CHB1051859	0.9	32.2	0.59	1.17	0.08	91	0.57	0.08	9.7	16.7	0.77	136.3	0.094	4	1.47	0.021	0.06	0.1	6.7	0.08	0.04	25	0.3	0.03	5.9	1.23	<0.1	0.09	0.16	3.3	0.5	<0.05	2.7	12.94	20	0.04	2	0.5	20	<10	<2
CHB1051860	0.7	38.7	0.8	1.37	0.11	88	0.74	0.084	11.9	17.8	0.83	155.1	0.085	6	1.72	0.027	0.09	0.1	7.9	0.11	0.05	52	0.9	0.02	6.5	1.86	<0.1	<0.02	0.35	4.8	0.4	<0.05	0.9	17.14	23.1	0.05	<1	0.5	22.4	<10	<2
CHB1051861	0.2	88.4	0.66	0.62	0.08	34	1.94	0.136	33.3	15.8	0.36	150.9	0.017	10	2.11	0.017	0.06	0.1	4.2	0.23	0.12	167	0.4	<0.02	3.5	1.52	<0.1	0.04	0.5	5.6	0.3	<0.05	0.9	37.75	22.6	0.03	<1	0.7	14.7	<10	<2
Chb1051862	0.6	97.4	0.29	0.35	0.06	82	1.36	0.069	10.9	26.2	1.04	267.5	0.081	6	2.83	0.046	0.1	<0.1	7.8	0.1	0.06	55	0.3	<0.02	6.6	1.55	<0.1	0.03	0.37	5.2	0.5	<0.05	1.2	15.93	17.6	0.03	<1	0.3	24.8	<10	<2
Chb1051863	0.4	74	0.31	0.42	0.07	70	1.17	0.064	9	24.9	0.7	260.6	0.046	5	2.26	0.023	0.07	<0.1	7.2	0.07	0.04	76	0.3	<0.02	5.4	1.31	<0.1	0.02	0.49	6.1	0.4	<0.05	0.9	14.67	14.1	0.02	<1	0.2	18	<10	<2
CHB1051864	0.3	62	0.29	0.36	0.08	64	1.16	0.063	8.3	18.2	0.55	223.3	0.033	6	1.98	0.014	0.07	<0.1	5.3	0.08	0.05	76	0.5	<0.02	4.8	1.09	<0.1	<0.02	0.45	6.4	0.3	<0.05	0.6	11.58	14	0.03	<1	0.3	17.6	<10	<2
CHB1051865	0.4	68.8	0.31	0.39	0.07	77	1.71	0.071	9.1	31.4	0.93	313.6	0.064	12	2.29	0.019	0.07	<0.1	8.1	0.08	0.08	106	0.7	<0.02	5.5	1.4	<0.1	0.02	0.48	6.1	0.3	<0.05	1.1	14.83	14.1	0.03	<1	0.3	18.5	<10	<2
CHB1051866	0.3	79.3	0.33	0.49	0.08	64	1.31	0.086	12.7	23.2	0.57	229.4	0.035	5	2.6	0.015	0.09	0.1	7.2	0.1	0.06	100	0.3	0.02	5.3	1.53	<0.1	<0.02	0.47	8.1	0.4	<0.05	0.4	18.64	16.1	0.05	<1	0.5	18.1	<10	<2
CHB1051867	0.4	80.4	0.39	0.31	0.07	68	1.35	0.072	8.5	23.6	0.69	387	0.038	10	2.08	0.024	0.06	0.1	6.4	0.06	0.07	116	0.6	0.02	4.8	1.49	<0.1	0.04	0.43	5.7	0.3	<0.05	1.3	15.2	14.4	0.03	3	0.4	22.4	<10	<2
CHB1051901	2.9	37.3	0.15	0.45	0.11	42	0.28	0.062	11.9	10.3	0.29	164.3	0.014	1	0.76	0.01	0.05	0.1	2.5	0.04	<0.02	41	<0.1	<0.02	3	1.15	<0.1	<0.02	0.21	4.4	0.3	<0.05	0.5	8.32	21.4	0.04	<1	0.4	8.6	<10	<2
CHB1051902	3.2	30.3	0.12	0.39	0.08	38	0.24	0.058	11.5	8.5	0.29	155.9	0.017	2	0.59	0.009	0.04	0.1	2	0.03	<0.02	32	<0.1	<0.02	2.7	1.05	<0.1	<0.02	0.2	4.1	0.3	<0.05	0.6	7.69	20.2	<0.02	<1	0.3	7.6	<10	<2
CHB1051903	2.8	27	0.14	0.28	0.05	20	0.21	0.036	9.5	6.6	0.22	131	0.007	2	0.61	0.008	0.04	<0.1	2	0.03	<0.02	22	<0.1	<0.02	2.4	1.42	<0.1	<0.02	0.16	4.8	0.3	<0.05	0.4	9.49	17.3	0.02	<1	0.6	8.3	<10	<2
CHB1051904	0.8	33	0.17	0.29	0.09	71	0.26	0.046	4.4	14.4	0.21	184.3	0.022	3	0.53	0.006	0.05	<0.1	4	0.04	<0.02	103	<0.1	<0.02	2.1	0.53	<0.1	<0.02	0.1	4.9	0.3	<0.05	0.5	7.09	9	0.04	1	0.2	4.6	<10	<2
CHB1051905	0.7	35.5	0.18	0.29	0.09	65	0.32	0.046	4.5	13.7	0.22	209.2	0.017	3	0.59	0.006	0.05	<0.1	4.8	0.05	<0.02	52	0.1	0.03	2.3	0.56	<0.1	<0.02	0.1	5.3	0.4	<0.05	0.5	8.07	9	0.03	<1	0.4	5	<10	<2
CHB1051906	0.7	32.9	0.15	0.25	0.08	57	0.33	0.043	4.2	11.8	0.26	181.4	0.011	2	0.7	0.007	0.05	<0.1	4.7	0.05	<0.02	45	<0.1	<0.02	2.5	0.51	<0.1	<0.02	0.08	4.9	0.4	<0.05	0.5	7.59	8.6	0.04	<1	0.5	5.3	<10	<2
CHB1051907	1	35.6	0.18	0.33	0.09	75	0.38	0.051	4.9	13.2	0.3	183.8	0.022	3	0.87	0.009	0.06	<0.1	5.4	0.06	0.02	44	<0.1	<0.02	3.3	0.56	<0.1	<0.02	0.1	5	0.4	<0.05	0.8	8.65	10.2	0.04	<1	0.3	6.1	<10	<2
CHB1051908	2.1	36.4	0.2	0.57	0.1	62	0.3	0.065	8.2	14.4	0.23	164.7	0.014	2	0.53	0.009	0.06	<0.1	3.8	0.05	<0.02	134	<0.1	<0.02	1.9	0.96	<0.1	0.03	0.11	4.9	0.3	<0.05	0.9	7.75	16	0.02	<1	0.4	5.4	<10	<2
CHB1051909	1.1	49.7	0.22	0.34	0.09	61	0.46	0.055	6.5	11.3	0.31	207.2	0.015	3	0.91	0.01	0.06	<0.1	5.9	0.06	<0.02	328	0.1	<0.02	2.9	0.73	<0.1	0.02	0.12	5.2	0.3	<0.05	0.8	9.56	12.8	0.03	<1	0.4	6.4	<10	<2
CHB1051910	0.7	11	0.36	1.07	0.17	59	0.26	0.057	8.9	7.9	0.46	94.3	0.022	2	0.83	0.007	0.05	<0.1	4.5	<0.02	0.03	19	0.3	<0.02	2.9	1.17	<0.1	<0.02	0.08	3.6	0.3	<0.05	0.6	10.07	16.7	0.03	<1	0.3	11.1	<10	<2
CHB1051911	0.7	9.8	0.93	1.28	0.23	47	0.23	0.054	10.7	3.9	0.35	94.7	0.013	1	0.71	0.005	0.06	<0.1	4.5	0.02	0.02	26	0.3	<0.02	2.4	1.6	<0.1	<0.02	0.06	3.6	0.3	<0.05	0.5	11	22.1	0.03	<1	0.4	9.6	<10	<2
CHB1051912	0.6	12	0.6	0.9	0.12	68	0.31	0.063	10.4	8.7	0.51	115.1	0.028	2	0.99	0.008	0.05	<0.1	5.1	0.03	<0.02	19	0.3	<0.02	3.6	1.18	<0.1	<0.02	0.11	4.3	0.4	<0.05	0.5	12.69	19.4	0.03	1	0.3	14.5	<10	<2
CHB1051913	0.6	15	0.34	0.64	0.09	94	0.35	0.052	10.3	10.2	0.66	94.4	0.063	2	1.03	0.008	0.04	<0.1	5.8	<0.02	<0.02	20	0.4	<0.02	4.1	0.86	<0.1	0.03	0.1	3.7	0.3	<0.05	0.9	12.25	18.5	0.03	<1	0.3	13.7	<10	<2
CHB1051914	0.4	10.4	0.43	0.48	0.09	80	0.34	0.066	11.8	7.3	0.68	123	0.014	2	1.22	0.009	0.06	<0.1	9.6	0.03	<0.02	24	0.2	<0.02	5.8	0.84	<0.1	<0.02	0.1	4.9	0.5	<0.05	0.4	14.98	24.3	0.08	<1	0.3	15.5	<10	<2
CHB1051915	0.7	15.7	0.38	0.63	0.08	109	0.38	0.056	11.1	12	0.89	115.4	0.068	2	1.35	0.01	0.04	<0.1	8.1	0.02	<0.02	30	0.2	<0.02	6.1	0.86	<0.1	0.03	0.1	3.7	0.4	<0.05	1.1	14.99	21.2	0.05	<1	0.5	16.8	<10	<2
CHB1051916	0.8	16.1	0.25	0.65	0.09	157	0.35	0.061	8.7	13.1	0.85	116	0.122	2	1.09	0.01	0.03	<0.1	7.3	<0.02	<0.02	13	<0.1	<0.02	5.7	0.57	<0.1	0.07	0.08	2.6	0.5	<0.05	2.7	12.83	17.4	0.04	<1	0.4	14.4	<10	<2
CHB1051917	0.8	14.7	0.25	0.45	0.05	118	0.33	0.05	6.8	15	0.78	93.3	0.095	2	0.97	0.01	0.03	<0.1	6.4	<0.02	<0.02	9	0.1	<0.02	4.6	0.49	<0.1	0.07	0.06	2.1	0.4	<0.05	3	10.45	13.8	0.03	<1	0.4	13	<10	<2
CHB1051918	0.8	18.7	0.31	0.54	0.17	133	0.42	0.056	8.8	13.9	0.82	115.9	0.116	2	1.12	0.011	0.04	<0.1	7.9	<0.02	<0.02	13	0.1	<0.02	5.3	0.66	<0.1	0.05	0.1	3.1	0.4	<0.05	2.5	13.9	17.3	0.05	<1	0.4	14.7	<10	<2
CHB1051919	0.9	9.3	0.4	0.64	0.08	46	0.21	0.045	15.8	4.7	0.28	433.7	0.021	2	0.69	0.007	0.09	<0.1	7.1	0.05	<0.02	22	0.2	<0.02	2.7	1.01	<0.1	<0.02	0.08	5.4	0.4	<0.05	0.4	12.58	30.7	0.07	<1	0.7	9	<10	<2
CHB1051920	1.4	7.4	0.07	0.06	0.14	60	0.34	0.02	10	13.5	0.17	13	0.004	<1	0.42	0.013	0.02	<0.1	6.9	<0.02	<0.02	<5	<0.1	<0.02	1.4	2.01	<0.1	<0.02	<0.02	1.5	0.2	<0.05	0.6	5.16	20.6	0.05	<1	<0.1	0.8	<10	<2
CHB1051921	0.9	19.4	1.04	1.52	0.42	75	0.32	0.049	8.8	31	0.73	63.2	0.016	<1	1.47	0.013	0.05	0.1	6.8	0.09	<0.02	23	<0.1	<0.02	4.2	4.03	<0.1	0.04	0.12	5.7	0.3	<0.05	0.9	12.52	17.7	0.06	<1	0.2	11.5	<10	<2
CHB1051922	0.6	8.2	0.69	0.7	0.29	41	0.19	0.055	12.5	4.7	0.38	186.5	0.007	1	1.05	0.006	0.09	<0.1	6	0.08	0.04	8	<0.1	0.09	3.9	0.96	<0.1	<0.02	0.02	5.3	0.3	<0.05	0.5	14.25	27.3	0.06	<1	0.5	12.9	<10	<2
CHB1051923	0.8	12.9	0.9	1.15	0.19	51	0.28	0.047	8.9	10.1	0.48	87.7	0.024	<1	1.04	0.012	0.06	<0.1	5.2	0.04	0.02	17	0.3	0.04	3.9	1.3	<0.1	<0.02	0.06	4	0.3	<0.05	0.9	10.23	18.3	0.04	<1	0.3	12.6	<10	<2
CHB1051924	0.8	13.6	0.79	1.26	0.22	49	0.29	0.045	9.2	9.8	0.5	92.5	0.026	<1	1.09	0.012	0.07	<0.1	5.3	0.04	<0.02	9	0.1	0.05	4	1.35	<0.1	<0.02	0.07	4.6	0.3	<0.05	0.9	10.59	18.7	0.05	<1	0.3	13.4	<10	<2
CHB1051925	0.5	21.9	3.23	1.58	0.26	52	0.41	0.061	6.5	22.3	0.79	146.3	0.033	2	2.08	0.01	0.06	0.1	5	0.06	0.03	25	0.7	<0.02	6.4	3.48	<0.1	0.03	0.33	6.3	0.4	<0.05	0.8	12.05	13	0.05	4	0.4	26.5	<10	<2
CHB1051926	0.6	25.5	5.52	1.6	0.2	48	0.49	0.078	8.7	19.1	0.68	231.2	0.038	2	1.9	0.011	0.06	0.1	5.7	0.06	0.04	29	1.2	<0.02	5.5	2.74	<0.1	0.03	0.31	4.6	0.4	<0.05	0.8	17.24	16.1	0.05	4	0.4	22.3	<10	<2
CHB1051927	0.4	28.1	1.87	1.54	0.27	47	0.55	0.072	7.6	25.5	0.76	68.4	0.04	3	1.83	0.012	0.06	0.2	5.2	0.06	0.04	31	1.1	<0.02	5.4	4.62	<0.1	0.03	0.31	5.9	0.4	<0.05	0.7	14.34	12.4	0.05	<1	0.3	24.5	<10	<2
CHB1051930	0.4	29.7	1.03	0.48	0.13	105	0.78	0.06	16.7	11.2	0.75	314.9	0.048	3	1.56	0.01	0.08	<0.1	8.2	0.1	0.05	90	1.4	<0.02	6.3	2.32	<0.1	0.02	0.2	8.3	0.5	<0.05	0.7	38.01	19.8	0.05	<1	0.4	25.7	<10	<2
CHB1051931	0.5	29.2	1	0.46	0.11	110	0.84	0.059	16	11	0.86	300.3	0.06	3	1.57	0.013	0.08	<0.1	8.1	0.07	0.04	62	1.1	<0.02	6.4	2.36	<0.1	0.03	0.17	8.2	0.5	<0.05	0.7	34.84	19.7	0.05	<1	0.5	26.7	<10	<2
CHB1051932	0.5	22.8	0.62	0.43	0.13	88	0.61	0.066	16.3	11.1	0.8	301.1	0.058	3	1.64	0.011	0.1	<0.1	8.1	0.05	0.05	85	1.2	<0.02	6.3	2.41	<0.1	<0.02	0.21	9.6	0.6	<0.05	0.6	31.98	17.2	0.06	1	0.6	26.6	<10	<2
CHB1051933	0.8	17.3	0.53	0.86	0.07	140	0.47	0.072	12.9	16.7	0.82	100.3	0.094	2	1.39	0.009	0.05	<0.1	9.3	0.05	0.02	41	0.8	<0.02	6.4	1.32	<0.1	0.03	0.13	4.8	0.4	<0.05	0.9	17.44	22.5	0.05	<1	0.6	15.6	<10	<2
CHB1051934	0.7	25.3	0.36	0.82	0.11	93	0.47	0.059	6.4	18.2	0.7	112.5	0.08	4	1.26	0.013	0.04	<0.1	4.8	0.04	0.03	42	0.6	<0.02	4.6	0.95	<0.1	0.05	0.22	3	0.4	<0.05	1.5	8.79	14.3	0.03	2	0.4	13.6	<10	<2

Sample ID	Easting	Northing	Elevation	Stream ID	Fines	Color	Stream Grade	Stream Width m	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
CHB1051935	603605	6082538	1341	Owens	50	Gry	m	3	19-Jul-11	SF/AP		1.08	27.37	11.94	106.3	85	12.9	11.4	1149	4.04	11.6	0.5	6.1
CHB1051937	605084	6080467	1381	S Fork Elliot	30	Gry	m	2	19-Jul-11	SF/AP		1.04	34.57	11.16	102.3	147	13.1	12.6	883	4.12	15.4	0.5	1.5
CHB1051938	605057	6080532	1363	N Fork Elliot	30	Gry-Brn	m	2	19-Jul-11	SF/AP		1.51	29.9	16.06	89.1	559	7.9	11.3	699	3.78	20.7	0.8	0.8
CHB1051939	605220	6080677	1302	Elliot	30	Gry-Brn	m	3	19-Jul-11	SF/AP		0.95	28.07	11.06	99.9	183	11.6	11.2	873	4.2	13.5	0.8	0.3
CHB1051940	605299	6080906	1283	Elliot	40	Gry-Brn	m	3	19-Jul-11	SF/AP		1.11	31.48	11.57	108	235	11.6	12.2	969	4.49	14.6	0.6	0.4
CHB1051941	605440	6081157	1258	Elliot	70	Gry-Brn	m	3	19-Jul-11	SF/AP		0.97	27.03	9.88	105.2	289	10.7	11.5	901	4.18	12.9	0.6	0.7
CHB1051942	605604	6081317	1210	Elliot	50	Gry-Brn	m	3	19-Jul-11	SF/AP		0.92	28.89	10.35	117.8	201	11.2	11.7	961	4.57	14	0.6	0.9
CHB1051943	602938	6084872	1074	MagLo	95	Brn	M	1	25-Jul-11	AC-PF		1.12	33.42	9.23	141	638	22.5	11.9	2553	2.88	10	0.7	5.8
CHB1051944	603080	6084711	1109	MagLo	80	Brn	S	1	25-Jul-11	AC-PF		0.62	21.14	7.36	83.1	123	20.8	13.6	949	3.18	8.8	0.5	1.7
CHB1051945	603145	6084534	1168	MagLo	85	Brn	S	1	25-Jul-11	AC-PF		0.83	24.61	7.87	93.1	170	22.5	17.1	925	3.46	12.1	0.6	1.8
CHB1051946	603204	6084492	1188	MagLo	80	LtBrn	G	1	25-Jul-11	AC-PF		0.85	24.78	10.23	103.4	109	24.5	13.5	777	4.01	19.5	0.5	1.8
CHB1051947	603236	6084590	1151	MagLo	80	Brn	S	1	25-Jul-11	AC-PF		0.91	34.84	9.84	123	205	25.3	11.7	1796	3.17	11.6	0.6	3.1
CHB1051948	603274	6084855	1077	MagLo	80	LtBrn	M	1	25-Jul-11	AC-PF	Heavy clay and organics	0.89	23.03	8.06	102.6	349	16.3	8.1	775	2.78	7	0.5	1
CHB1051949	603166	6085305	942	MagLo	90	Brn	M	1	25-Jul-11	AC-PF		0.83	20.02	8.01	111.3	183	15	10.3	766	2.97	7.2	0.4	1.5
CHB1051950	607311	6086307	543	Owens	90	Brn	G	3	25-Jul-11	AC-PF	Upstream of bridge	0.84	17.18	10.07	93.1	52	12.5	10	833	3.12	9.8	0.4	1.4
CHB1051951	607181	6086197	555	Owens	90	Brn	G	5	26-Jul-11	AC-AG		0.92	17.63	10.72	98.7	53	12.7	10.3	854	3.33	11.4	0.4	1.3
CHB1051952	607065	6086094	566	Owens	85	DrkBrn	G	2.5	26-Jul-11	AC-AG	Water pipe in stream	1	20.24	11.97	111.1	56	13.9	10.6	966	3.44	11.7	0.5	0.9
CHB1051953	607053	6086075	570	Owens	90	Brn	G	4	26-Jul-11	AC-AG		0.84	18.23	10.62	100.7	54	13	10.3	823	3.26	10.3	0.4	0.9
CHB1051954	606892	6086035	582	Owens	85	Brn	G	4	26-Jul-11	AC-AG		0.87	17.85	10.5	96.5	59	12.4	9.9	826	3.07	10.4	0.4	0.7
CHB1051955	606709	6085992	599	Owens	90	Brn	G	4	26-Jul-11	AC-AG		0.85	18.29	10.71	98.9	58	13	10.1	840	3.23	10.5	0.4	0.5
CHB1051956	606590	6085873	611	Owens	95	Brn	G	3	26-Jul-11	AC-AG		0.94	16.8	10.12	104.1	53	13.3	9.8	772	3.47	10.2	0.4	0.7
CHB1051957	606488	6085773	622	Owens	80	Brn	G	5	26-Jul-11	AC-AG		0.78	18.07	10.13	97	55	12.4	9.8	753	3.28	10.2	0.4	0.7
CHB1051958	606512	6085604	632	Owens	85	Brn	G	7	26-Jul-11	AC-AG		0.75	19.5	11.12	97.2	52	12.9	10.2	851	3.24	10	0.4	0.9
CHB1051959	602209	6084960			65	Brn	M	1	31-Jul-11	BA-PF		0.6	38.9	7.33	91.5	272	29.2	12.8	1154	3.08	8.6	0.5	1.8
CHB1051960	602201	6084935			80	Brn	G	1	31-Jul-11	BA-PF		0.57	30.43	6.78	79.4	261	13.7	8.7	836	2.76	8	0.5	1.3
CHB1051961	602120	6084912			95	Brn	G	1	31-Jul-11	BA-PF		0.71	18.3	7.26	69.3	119	14.4	8.8	712	2.63	7.1	0.8	0.7
CHB1051962	601999	6084928			75	Brn	M	1	31-Jul-11	BA-PF		0.94	17.17	9.16	53	81	8.6	4.3	255	3.07	9.6	0.3	0.5
CHB1051963	597733	6083514	908		95	Red	M	1	01-Aug-11	BA-PF	Above road	0.32	17.11	5.24	62.3	51	28.7	9.5	464	2.6	4.4	0.4	0.9
CHB1051964	597842	6083573	899		90	RdBrn	M	2	01-Aug-11	BA-PF		0.45	21.81	6.63	67.4	42	31.8	11.8	608	2.8	6.5	0.4	1.4
CHB1051965	596685	6083954	823		95	Brn	M	3	01-Aug-11	BA-PF		0.84	19.73	8.51	83.2	42	39.1	13.2	657	3.29	6.2	0.7	2.6
CHB1051966	597121	6084060	817		85	Brn	M	2	01-Aug-11	BA-PF		0.78	18.91	8.05	77.7	47	33	12.8	724	3.15	7.8	0.6	2.7
CHB1051967	597168	6083987	823		95	RdBrn	G	2	01-Aug-11	BA-PF		0.39	20.6	6.6	69	40	29.8	12.1	595	2.95	6	0.4	1.8
CHB1051968	597305	6084020	846		90	RdBrn	G	4	01-Aug-11	BA-PF		0.36	17.13	6.91	73	62	28.5	9.3	464	3.04	4.7	0.4	1.2
CHB1051969	595606	6083729	886		90	Brn	M	2	01-Aug-11	BA-PF	Trib of CHB1051966	0.75	12.81	8.26	76.8	54	34.4	12.2	715	3.1	6.6	1.1	1.2
CHB1051970	595596	6083726	887		95	Brn	G	3	01-Aug-11	BA-PF		0.65	16.24	7.26	75.1	38	47.4	15.4	687	2.93	4.8	0.6	1.6
CHB1051971	596437	6083580	905		95	RdBrn	M	2	01-Aug-11	BA-PF		0.91	20.38	8.31	88.6	39	38.8	13.7	710	3.64	6.6	0.7	1.5
CHB1051974	597088	6083852	849		95	RdBrn	G	2	01-Aug-11	BA-PF		0.61	14.58	7.2	76.3	50	30.1	10.6	534	3.05	6.4	0.5	0.5
CHB1051975	595231	6083575	902		90	Brn	G	2	02-Aug-11	BA-PF		0.76	14.1	8.07	77.8	42	36.1	12.6	684	3.32	5.7	1.2	1.2
CHB1051976	595127	6083572	900		80	Brn	M	3	02-Aug-11	BA-PF	Near cut block	1.92	14.68	8.64	74.2	55	37.7	13.3	744	3.2	15.3	49.7	0.7
CHB1051977	594749	6083928	858		95	Brn	G	4	02-Aug-11	BA-PF	Upstream from decom road	0.92	26.49	8.45	69.8	86	30	12	636	2.79	7	2.6	2.4
CHB1051978	594318	6083893	857		80	Brn	G	1	02-Aug-11	BA-PF	Near road because of swamp	1.23	13.85	7.73	103.5	54	19.9	9.9	838	2.83	6.9	6.4	1.9
CHB1051979	594060	6083885	842		80	Brn	G	1	02-Aug-11	BA-PF	Upstream from decom road, high organics	3.88	14.9	8.81	72.3	156	17.8	8.3	1689	2.19	13.5	43.6	5.3
CHB1051980	593944	6084139	845		90	Brn	G	2	02-Aug-11	BA-PF		3.46	9.62	7.88	87.4	78	16.3	8.5	1667	2.42	11.8	19.6	2.6
CHB1051981	593787	6084324	829		80	Brn	G	4	02-Aug-11	BA-PF	Near trail	2.47	12.27	8.39	65.9	92	19	10.9	1792	3.02	10.4	10.4	2.5
CHB1051982	594008	6084765	807		90	Brn	G	2	02-Aug-11	BA-PF	Near decom road	1.88	15.46	7.84	85.7	72	19.8	10.1	1375	2.7	9.3	15.3	1.7
CHB1051983	594185	6084823	781		90	Brn	G	3	02-Aug-11	BA-PF		1.95	14.67	8.07	84.5	66	20.2	10.9	1362	2.83	10.1	11.3	1.5
CHB1051984	594459	6085077	728		90	Brn	G	2	02-Aug-11	BA-PF		2.66	15.09	8.7	86.4	83	20.9	10.9	1506	2.88	10.7	21.4	2.3
CHB1051985	595350	6085690	683		75	Brn	G	3	02-Aug-11	BA-PF	Near beaver dam	2.78	12.16	7.09	77.3	54	21	11.9	2077	2.94	13.1	15.7	1.6
CHB1051986	596062	6085779	661		90	Brn	G	2	02-Aug-11	BA-PF		0.69	12.28	6.43	68.9	54	38.6	12.4	600	2.81	4.9	1	3

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
CHB1051935	0.8	26.9	0.45	0.85	0.09	94	0.49	0.066	7.1	18.1	0.72	116.3	0.083	3	1.31	0.014	0.04	0.1	5.3	0.04	0.03	27	0.3	<0.02	4.7	0.83	<0.1	0.04	0.18	2.8	0.4	<0.05	2.2	10.13	16.3	0.05	2	0.3	14.1	<10	<2
CHB1051937	1	19.8	0.4	0.96	0.1	87	0.49	0.075	8	20.3	0.83	108.7	0.071	3	1.4	0.01	0.04	<0.1	5.3	0.03	0.03	18	0.4	<0.02	5.1	0.87	<0.1	0.06	0.09	2.3	0.3	<0.05	2.2	10.13	17.7	0.04	3	0.4	15.9	<10	<2
CHB1051938	0.6	17.1	0.32	2.69	0.12	91	0.36	0.084	7.5	14	0.64	86.7	0.037	2	1.09	0.005	0.04	<0.1	5.3	0.04	0.05	33	0.7	0.16	4.3	1.81	<0.1	<0.02	0.1	2.9	0.3	<0.05	0.4	9.68	17.3	0.03	<1	0.3	11.4	<10	<2
CHB1051939	0.9	20.2	0.33	1.21	0.09	92	0.44	0.075	7.9	19.2	0.77	117.9	0.068	3	1.41	0.009	0.04	<0.1	5.5	0.04	<0.02	44	0.3	0.04	5.1	1.03	<0.1	0.05	0.14	2.9	0.4	<0.05	1.5	9.86	17.4	0.02	3	0.4	17.2	<10	<2
CHB1051940	0.9	20.3	0.41	1.41	0.09	101	0.44	0.082	8.4	19.7	0.8	116.8	0.063	2	1.38	0.008	0.04	<0.1	5.5	0.04	0.03	24	0.4	0.07	5.4	1.21	<0.1	0.03	0.13	2.9	0.3	<0.05	1.2	10.45	18	0.04	4	0.3	16.5	<10	<2
CHB1051941	0.8	18.8	0.4	1.27	0.2	93	0.42	0.078	7.7	18	0.76	105.8	0.062	2	1.31	0.008	0.03	<0.1	5	0.02	0.03	22	0.3	0.03	5.1	1.1	<0.1	0.04	0.11	2.7	0.3	<0.05	1.2	9.96	16.9	0.04	<1	0.3	15	<10	<2
CHB1051942	0.8	21.1	0.5	1.22	0.12	104	0.48	0.083	8.5	19.3	0.81	111.3	0.071	3	1.35	0.008	0.04	<0.1	5.5	0.04	0.03	20	0.5	0.03	5.5	1.18	<0.1	0.03	0.13	3	0.3	<0.05	1.4	11.12	18.2	0.03	<1	0.4	16.3	<10	<2
CHB1051943	1	78.2	0.99	0.57	0.2	47	1.85	0.124	26.2	23.3	0.48	273.3	0.013	6	2.84	0.012	0.09	0.2	7.9	0.24	0.08	166	0.2	0.03	6.6	2.53	0.1	0.08	0.72	10.3	0.5	<0.05	1.7	39.06	23.8	0.06	1	0.8	46.4	<10	<2
CHB1051944	1.1	68.4	0.2	0.37	0.07	76	1.15	0.062	9.8	25.5	0.93	250.6	0.091	6	2.25	0.028	0.07	<0.1	8.5	0.08	0.03	68	0.2	<0.02	5.8	1.2	<0.1	0.04	0.44	4.5	0.3	<0.05	2	17.21	16	0.03	<1	0.4	18.3	<10	<2
CHB1051945	0.8	80.2	0.24	0.4	0.07	88	1.39	0.06	11.6	29.6	1.06	245.7	0.085	5	2.58	0.029	0.07	0.1	10.3	0.09	0.04	73	0.5	<0.02	6.9	1.29	<0.1	0.03	0.5	5.3	0.4	<0.05	1.6	21.98	18.2	0.03	2	0.5	20.4	<10	<2
CHB1051946	0.7	32.6	0.21	0.58	0.1	75	0.61	0.065	6.9	25.3	0.61	231.6	0.021	3	3.47	0.008	0.07	0.1	5.2	0.11	0.02	74	0.3	0.03	7.6	1.95	<0.1	0.05	0.59	6.2	0.4	<0.05	1	9.25	17.9	0.05	<1	0.5	30.1	<10	2
CHB1051947	0.7	65.5	0.7	0.59	0.1	61	1.18	0.103	15.5	25.9	0.67	324.4	0.034	6	2.76	0.014	0.1	0.1	8	0.15	0.06	112	0.2	0.04	6.1	2.09	<0.1	0.03	0.42	9.7	0.4	<0.05	0.9	25.72	21.2	0.04	<1	0.7	21.1	<10	<2
CHB1051948	0.6	87.8	0.32	0.45	0.09	51	1.39	0.067	29.5	17.2	0.47	160.6	0.023	3	2.49	0.016	0.08	0.1	5.7	0.14	0.04	88	0.2	<0.02	5.8	1.5	<0.1	0.04	0.55	5.9	0.4	<0.05	1	34.58	17.3	0.03	1	0.6	36.8	<10	<2
CHB1051949	0.8	128.5	0.21	0.33	0.08	45	1.26	0.073	18.6	15	0.43	160.2	0.018	2	2.58	0.022	0.09	0.1	5.3	0.12	0.04	77	0.2	<0.02	5.4	1.54	<0.1	0.07	0.46	6.1	0.3	<0.05	1.3	23	19.8	0.04	<1	0.5	25.5	<10	<2
CHB1051950	1.1	36.8	0.3	0.54	0.07	65	0.5	0.057	8	13.5	0.56	105.8	0.071	3	1.31	0.018	0.05	<0.1	5.2	0.06	0.02	28	0.2	<0.02	4.6	1.05	<0.1	0.05	0.19	3.2	0.3	<0.05	1.7	10.19	16.5	0.03	<1	0.3	12.4	<10	<2
CHB1051951	1.2	38.6	0.3	0.62	0.07	71	0.55	0.059	8.1	14.2	0.6	109.2	0.075	4	1.35	0.018	0.06	0.1	5.6	0.06	0.04	49	0.1	<0.02	4.9	1.11	<0.1	0.07	0.18	3.3	0.3	<0.05	2.3	10.46	17.6	0.03	1	0.4	13.9	<10	<2
CHB1051952	1.3	43.1	0.38	0.65	0.07	75	0.63	0.065	8.8	15.8	0.62	121.3	0.073	4	1.44	0.021	0.06	<0.1	5.9	0.06	0.04	43	0.2	0.03	5	1.22	<0.1	0.05	0.22	3.3	0.3	<0.05	2.1	11.66	18.4	0.04	3	0.5	14.2	<10	<2
CHB1051953	1.2	37.6	0.34	0.57	0.06	73	0.56	0.061	8.1	14.6	0.59	111	0.07	3	1.33	0.019	0.05	0.1	5.4	0.05	0.04	41	0.1	0.03	4.8	1	<0.1	0.07	0.2	2.9	0.3	<0.05	2.4	10.35	16.6	0.03	<1	0.3	12.9	<10	<2
CHB1051954	1.2	38.2	0.35	0.56	0.06	64	0.57	0.058	7.8	13.5	0.58	107.1	0.065	3	1.38	0.018	0.05	0.1	5.3	0.05	0.03	38	0.2	0.03	4.5	1.08	<0.1	0.04	0.19	3.1	0.3	<0.05	1.9	10.13	16.2	0.03	<1	0.3	12.8	<10	<2
CHB1051955	1.3	37.7	0.35	0.57	0.06	69	0.56	0.059	8	14.3	0.6	110.1	0.069	3	1.36	0.018	0.05	0.1	5.5	0.05	0.03	29	0.2	<0.02	4.6	1.05	<0.1	0.06	0.17	3.1	0.3	<0.05	2.3	10.4	16.7	0.04	<1	0.3	13.1	<10	<2
CHB1051956	1.3	35	0.33	0.58	0.07	81	0.49	0.063	7.9	16	0.59	102.9	0.08	3	1.24	0.016	0.05	<0.1	5.1	0.05	0.03	27	<0.1	<0.02	4.7	0.96	<0.1	0.09	0.15	2.8	0.3	<0.05	3.2	9.58	16.1	0.04	1	0.3	12.5	<10	<2
CHB1051957	1.3	36.3	0.29	0.59	0.07	75	0.54	0.059	7.9	14.7	0.58	107.9	0.082	3	1.24	0.018	0.05	<0.1	5.3	0.05	0.03	33	<0.1	<0.02	4.6	1.03	<0.1	0.08	0.17	3.1	0.3	<0.05	3.1	9.93	16.3	0.03	<1	0.3	12.7	<10	<2
CHB1051958	1.3	39	0.36	0.57	0.06	72	0.59	0.061	8.3	15	0.6	115.8	0.075	3	1.37	0.019	0.05	<0.1	5.7	0.05	0.03	39	0.2	<0.02	4.7	1.1	<0.1	0.06	0.22	3.2	0.3	<0.05	2.3	11.27	16.7	0.03	3	0.4	12.9	<10	<2
CHB1051959	0.5	64.1	0.45	0.36	0.07	67	1.29	0.081	9.3	28.5	0.9	334.2	0.033	5	2.69	0.022	0.07	<0.1	6.9	0.08	0.06	99	0.4	<0.02	5.9	1.79	<0.1	0.04	0.49	6.1	0.3	<0.05	1.3	17.22	14.4	0.03	<1	0.4	22.6	<10	<2
CHB1051960	0.5	74.3	0.39	0.41	0.07	49	1.28	0.064	10.6	16.5	0.51	282.7	0.039	5	2.01	0.014	0.07	<0.1	5.5	0.07	0.06	98	0.3	<0.02	5.1	1.12	<0.1	0.04	0.62	5.2	0.3	<0.05	1.6	18.48	13.9	0.03	1	0.4	15.2	<10	<2
CHB1051961	0.7	41.2	0.2	0.35	0.08	52	0.72	0.045	6.8	18	0.43	180.2	0.031	5	1.5	0.011	0.05	<0.1	3.6	0.06	0.03	42	0.2	<0.02	4.8	0.94	<0.1	<0.02	0.56	5.6	0.3	<0.05	0.6	6.11	12.6	0.03	<1	0.3	11.6	<10	<2
CHB1051962	0.4	22.4	0.07	0.37	0.13	99	0.29	0.038	3.9	18.4	0.2	170.2	0.038	2	1.36	0.005	0.04	<0.1	2.4	0.05	0.03	68	0.1	0.03	8.5	0.48	<0.1	<0.02	1.42	2.8	0.6	<0.05	0.5	1.68	8.9	<0.02	<1	0.1	7.8	<10	<2
CHB1051963	1.5	32.9	0.15	0.21	0.08	49	0.25	0.053	3.6	19.2	0.19	288.6	0.006	4	0.78	0.007	0.11	<0.1	3.8	0.08	<0.02	24	<0.1	<0.02	2.5	0.48	<0.1	<0.02	0.06	7.2	0.3	<0.05	0.4	7.21	7.9	0.03	<1	0.4	8.6	<10	<2
CHB1051964	1.9	52.8	0.14	0.29	0.09	50	0.36	0.051	4.2	20.5	0.3	343.6	0.008	4	0.9	0.011	0.11	<0.1	4.5	0.08	<0.02	33	<0.1	<0.02	3	0.55	<0.1	0.02	0.08	7.2	0.3	<0.05	1	7.56	9.8	0.03	<1	0.4	10.8	<10	<2
CHB1051965	2	44.3	0.22	0.5	0.18	63	0.35	0.064	7.1	27.2	0.46	357.6	0.013	3	1.06	0.01	0.1	<0.1	4.2	0.07	<0.02	34	0.1	<0.02	3.7	0.73	<0.1	0.02	0.11	6.3	0.5	<0.05	0.8	8.33	15.7	0.03	<1	0.4	11	<10	<2
CHB1051966	1.7	45.1	0.19	0.43	0.14	60	0.43	0.06	6.3	23.2	0.38	285.8	0.015	5	0.9	0.013	0.08	<0.1	4.6	0.07	<0.02	38	0.2	0.03	3.1	0.63	<0.1	<0.02	0.12	5.7	0.3	<0.05	0.8	8.61	13.8	0.03	1	0.4	9.1	<10	<2
CHB1051967	1.5	45.3	0.15	0.31	0.13	55	0.33	0.063	4.2	18.9	0.27	316.6	0.009	5	0.7	0.01	0.09	<0.1	4.5	0.08	<0.02	29	0.1	0.03	2.4	0.54	<0.1	0.02	0.08	6.2	0.4	<0.05	0.7	8.25	9.3	0.03	<1	0.4	6.7	<10	<2
CHB1051968	1.2	37.3	0.12	0.3	0.11	62	0.31	0.068	4.2	18.9	0.27	262.1	0.008	4	0.85	0.008	0.09	<0.1	3.7	0.08	<0.02	37	0.2	<0.02	2.9	0.44	<0.1	<0.02	0.09	6.3	0.4	<0.05	0.5	7.42	9.2	0.03	<1	0.4	9.7	<10	<2
CHB1051969	1.2	39	0.18	0.36	0.13	58	0.42	0.057	5.9	25.4	0.38	267.3	0.01	2	1.14	0.009	0.08	<0.1	3.6	0.06	<0.02	32	0.2	0.03	3.4	0.75	<0.1	<0.02	0.15	6.6	0.4	<0.05	0.4	7.5	12.6	0.03	<1	0.3	10.2	<10	<2
CHB1051970	1.6	53.4	0.13	0.35	0.12	49	0.5	0.063	4	25.4	0.47	252.2	0.008	2	0.83	0.01	0.09	<0.1	4.9	0.06	<0.02	13	0.2	0.02	2.7	0.87	<0.1	0.05	0.06	5.8	0.3	<0.05	0.8	7.44	9.3	0.04	<1	0.4	7.2	<10	<2
CHB1051971	2.1	40.5	0.17	0.51	0.12	74	0.32	0.068	7.5	27.9	0.46	337	0.021	3	1.1	0.011	0.1	<0.1	4.2	0.08	<0.02	24	0.1	0.04	4	0.73	<0.1	<0.02	0.11	6.1	0.4	<0.05	0.8	7.43	17.1	0.03	<1	0.5	10.6	<10	<2
CHB1051974	1.4	40.8	0.19	0.38	0.18	61	0.33	0.056	4.9	22.9	0.29	254.2	0.015	5	0.75	0.009	0.09	<0.1	4	0.1	<0.02	24	0.2	0.03	2.7	0.53	<0.1	<0.02	0.1	6.1	0.4	<0.05	0.5	7.8	10.6	0.04	<1	0.5	8.2	<10	<2
CHB1051975	1.4	48	0.15	0.38	0.14	68	0.39	0.056	6.5	25.9	0.49	279.4	0.016	3	1.3	0.011	0.08	<0.1	3.8	0.08	<0.02	124	0.2	0.02	4.1	0.65	<0.1	<0.02	0.12	5.4	0.4	<0.05	0.5	7.95	12.8	0.03	1	0.5	11.1	<10	<2
CHB1051976	1.4	53.4	0.15	0.44	0.14	61	0.6	0.07	8.7	29.6	0.56	192.3	0.014	4	1.63	0.01	0.1	<0.1	4.7	0.1	0.02	39	0.5	0.04	5.3	1.15	<0.1	0.03	0.23	9.7	0.5	<0.05	0.5	11.69	15.5	0.03	<1	0.8	16.8	<10	<2
CHB1051977	2.5	55.1	0.13	0.57	0.1	53	0.49	0.076	10.1	24.9	0.51	244.6	0.028	4	1.3	0.019	0.09	<0.1	5.8	0.08	<0.02	63	0.2	0.03	4	0.94	<0.1	0.07	0.12	5.9	0.4	<0.05	3.3	11.41	20.5	0.03	1	0.5	11.9	<10	<2
CHB1051978	1.7	46.2	0.19	0.41	0.09	59	0.43	0.065	9.9	17.8	0.42	215.3	0.031	3	1.25	0.015	0.06	<0.1	3.9	0.07	0.02	66	0.3	<0.02	4.1	0.94	<0.1	0.02	0.26	5.1	0.3	<0.05	0.6	8.98	20.1	0.02	<1	0.4	10.9	<10	<2
CHB1051979	1.2	156.9	0.38	0.57	0.11	35	1.06	0.08	12.2	17	0.41	423	0.008	5	1.27	0.012	0.08	0.1	3.3	0.11	0.07	141	1.1	<0.02	3.5	2.82	<0.1	0.04	0.29	12.3	0.3	<0.05	0.9	15.09	17.9	0.03	1	0.8	16.6	<10	<2
CHB1051980	1.6	79.2	0.2	0.37	0.07	38	0.49	0.059	10.4	15.4	0.35	296.1	0.008	2	1.2	0.011	0.06	0.1	2.9	0.07	0.03	75	0.5	<0.02	3.5	1.56	<0.1	0.03	0.24	8.1	0.3	<0.05	0.5	9.6	18.7	<0.02	<1	0.5	14.2	<10	<2
CHB1051981	1.8	88.5	0.21	0.4	0.09	46	0.61	0.075	12.8	17.9	0.46	329.6	0.013	2	1.43	0.013	0.06	<0.1	3.7	0.07	0.03	70	0.3	<0.02	4.1	1.21	<0.1	0.04	0.25	7.7	0.3	<0.05	0.8	11.83	23.6	<0.02	<1	0.5	13.6	<10	<2
CHB1051982	1.5	75	0.25	0.52	0.09	50	0.55	0.085	11.2	17.4	0.39	261.6	0.019	3	1.24	0.014	0.07	<0.1	3.6	0.07	0.04	78	0.3	<0.02	3.9	1.16	<0.1	<0.02	0.3	6.5	0.3	<0.05	0.4	9.97	21.3	0.03	<1	0.6	11.7	<10	<2
CHB1051983	1.6	77.1	0.22	0.51	0.08	52	0.53	0.075	10.8	17.9	0.42	259.4	0.019	3	1.27	0.014	0.06	<0.1	3.5	0.07	0.02	61	0.3	<0.02	4	1.13	<0.1	<0.02	0.25	6.5	0.4	<0.05	0.5	9.16	21.9	<0.02	<1	0.5	12.4	<10	<2
CHB1051984	1.4	99.3	0.28	0.45	0.1	52	0.67	0.079	12.6	18.2	0.44	330.9	0.012	2	1.5	0.014	0.07	0.1	4.1	0.08	0.03	82	0.4	0.02	4.3	1.22	<0.1	<0.02	0.3	8.7	0.4	<0.05	0.6	12.03	23.9	0.02	2	0.6	14.4	<10	<2
CHB1051985	1	57.4	0.26	0.39	0.08	59	0.54	0.072	9.2	19	0.45	211.4	0.03	2	1.41	0.014	0.06	0.1	3.9	0.07	0.02	58	0.3	<0.02	4.6	0.89	<0.1	<0.02	0.28	6.6	0.3	<0.05	0.3	7.79	19.4	0.03	1	0.4	12.9	<10	<2
CHB1051986	1.5	43.1	0.12	0.35	0.24	48	0.35	0.061	4.7	23.4	0.39	220.8	0.01	1	0.91	0.01	0.08	<0.1	3.7	0.04	<0.02	26	0.3	0.02	2.8	0.74	<0.1	0.05	0.24	5.5	0.4	<0.05	0.8	6.57	10.1	0.02	<1	0.4	7.6	<10	<2

Sample ID	Easting	Northing	Elevation	Stream ID	Fines	Color	Stream Grade	Stream Width m	Date	Sampler	Comments	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPB	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB
CHB1131575	608266	6080745		Evelyn Mtn	95	DrkBrn	G	1	05-Aug-11	BA-PF		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
CHB1131576	608148	6080823	1249	Evelyn Mtn	95	Brn	G	1	05-Aug-11	BA-PF		3.03	40.57	14.52	124.4	592	15.6	10.3	1321	2.83	14.6	1	1.7
CHB1131577	608052	6080828	1251	Evelyn Mtn	95	Brn	M	1	05-Aug-11	BA-PF	Mostly dry riverbed	3.03	47.06	15.4	138.2	415	14.8	10.7	1519	3.46	21.2	1.3	5.2
CHB1131578	608016	6080629	1343	Evelyn Mtn	80	OrngBrn	M	1	05-Aug-11	BA-PF		4.02	70.17	22.04	165.8	126	20.5	13.9	764	3.75	42.6	1.1	3.1
CHB1131762	604937	6084043	993		90	Brn	Mod	5	03-Aug-11	PF/MG		0.88	24.54	12.39	110	52	15.3	12.3	1108	3.73	10.8	0.6	2.4
CHB1131832	599632	6084159			90	brn	G	5	08-Aug-11	BA-PF		0.65	40.89	12.12	150.5	75	15.8	17	1654	4.7	9.9	0.5	1.8
CHB1131851	609824	6079938	830	Evelyn	95	brn	moderate	<1	14-Aug-11	CK/BA	Silt#1 on butter tag and flagging tape	1.06	30.64	10.67	115	199	16	12	854	3.15	31.3	0.8	2
CHB1131852	609804	6079961	776	Evelyn	80	brn	moderate	<1	14-Aug-11	CK/BA	Silt#2 on butter tag and flagging tape	0.97	28.44	19.39	125.3	205	17.8	13.4	859	3.32	27	0.7	1.4
CHB1131853	609874	6079973	831	Evelyn	85	brn	m	<1	14-Aug-11	CK/BA	Silt#3 on butter tag and flagging tape	0.76	22.47	12.78	100.1	126	14.6	11.4	609	3.4	21	0.3	1
CHB1131854	603514	6073215		Silvern Creek					16-Aug-11	CK/BA		0.65	36.83	9.84	153.4	328	10.7	8.3	1149	2.52	19.8	0.3	4.4
CHB1131855	603378	6073214		Silvern Creek					16-Aug-11	CK/BA		1.25	31.54	17.35	166.8	275	5.1	9.9	1397	4.15	21.8	0.3	0.6
CHB1131856	603285	6073050		Silvern Creek					16-Aug-11	CK/BA		1.19	32.5	16.98	153.8	290	5.7	10.6	1368	4.37	21.7	0.4	1.6
CHB1131857	590829	6086588		Jack Mould Lake	85	brn	G	3	24-Aug-11	CK/BA		0.87	17.89	7.95	84.7	54	19.2	10.9	754	4.05	14.1	1	1.4
CHB1131858	590803	6086434		Jack Mould Lake	95	brn	G	3	24-Aug-11	CK/BA		0.89	19.26	7.76	76	54	20	11.8	813	3.22	14.4	1.1	1.2
CHB1131859	590683	6086300		Jack Mould Lake	95	brn	G	3	24-Aug-11	CK/BA	1 m away from stream in dry stream bed	0.82	20.71	8.27	81.7	67	21.3	12	975	3.31	15.6	1.3	0.6
CHB1131860	596612	6084116		Jack Mould Lake	85	brn	g	2	24-Aug-11	CK/BA		0.79	17.96	6.78	73.5	40	35.3	12.5	679	3.03	6.5	0.6	3.3
CHB1131861	596559	6084253	496		95	brn	G	1	24-Aug-11	CK/BA		0.71	16.6	6.88	76.6	39	33.6	11.7	633	3.05	5.9	0.6	0.7
CHB1131862	596547	6084405	783		95	brn	G	<1	24-Aug-11	CK/BA		0.71	16.78	6.84	73.9	42	33.9	12.3	662	2.92	6.2	0.6	0.9
CHB1131863	596565	6084557	770		75	brn	G	2	24-Aug-11	CK/BA		0.75	17.28	6.9	77.1	34	35.2	12	667	3.02	6.2	0.6	1.6
CHB1131864	593106	6086321	706		95	Brn	G	1	28-Aug-11	CK-BA	Average of CHB1131865 & CHB1131864	1.595	17.195	8.395	80.35	67.5	18.9	10.2	1117.5	3.285	13.65	1.95	0.8
CHB1131868	593066	6086166	716		90	Brn	G	1	28-Aug-11	CK-BA		1.68	17.84	8.83	80.4	72	18.9	10.4	1223	3.45	13	2	0.4
CHB1131869	593100	6086002	733		85	Brn	G	1.5	28-Aug-11	CK-BA		1.71	17.19	8.3	78.1	93	18.7	10.2	1332	3.16	11.6	2.8	1.3
CHB1131870	593109	6085856	759		75	Brn	G	2	28-Aug-11	CK-BA		1.89	17.46	8.58	80.8	87	20.2	10.9	1362	3.49	12.1	2.7	0.2
CHB1131871	593154	6085709	766		90	Brn	G	1	28-Aug-11	CK-BA		1.67	14.91	7.56	72.3	81	18.2	9.4	1161	2.99	9.4	2.7	0.6
CHB1131872	593300	6085629	762		90	Brn	G	2.5	28-Aug-11	CK-BA		1.84	13.84	7.3	68.8	133	19.3	9.7	1382	2.88	8.2	2.9	5.3
CHB1131873	593414	6085494	746		95	Brn	G	1.5	28-Aug-11	CK-BA		1.99	13.08	7.48	75.3	130	21.6	9.9	1570	2.94	8.5	3.3	2.3
CHB1131874	593364	6085348	775		90	Brn	G	<1	28-Aug-11	CK-BA		1.73	10.29	6.13	66.7	118	18.2	9.2	1366	2.74	6.9	2.6	0.9
CHB1131875	593264	6085230	789		90	Brn	G	1	28-Aug-11	CK-BA		2.22	13.23	7.59	63.1	75	19.3	10	1499	2.63	7.1	3.8	4.2
CHB1131876	593174	6085056	821		80	Brn	G	2	28-Aug-11	CK-BA		2.42	12.43	7.96	65.7	66	18.8	10.4	1826	2.82	7.5	3.6	1.1
CHB1131877	593168	6084921	827		85	Brn	G	1	28-Aug-11	CK-BA		2.94	13.86	7.38	66.9	93	18.7	10.4	2333	2.62	7.7	5.3	1.1
CHB1131878	593128	6084790	847		80	Brn	G	<1	28-Aug-11	CK-BA		2.57	12.2	7.64	62.3	69	19.1	10.6	1684	2.77	7.5	4.1	0.5
CHB1131879	593151	6086471	695		80	Brn	G	1	28-Aug-11	CK-BA		1.95	21.27	10.76	82.8	82	21.8	12.6	1259	3.39	13.8	2.7	3.1
CHB1131880	593110	6086618	668		70	Brn	G	1	28-Aug-11	CK-BA		1.46	17.11	8.68	68.1	61	16.5	9.9	1086	2.88	11.6	2	0.4

Sample ID	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sc PPM	Tl PPM	S %	Hg PPB	Se PPM	Te PPM	Ga PPM	Cs PPM	Ge PPM	Hf PPM	Nb PPM	Rb PPM	Sn PPM	Ta PPM	Zr PPM	Y PPM	Ce PPM	In PPM	Re PPB	Be PPM	Li PPM	Pd PPB	Pt PPB
CHB1131575	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
CHB1131576	0.2	37.3	1.08	0.87	0.24	64	0.95	0.156	13.9	27.2	0.45	156.8	0.01	5	2.28	0.005	0.05	0.1	3.2	0.19	0.1	131	0.7	0.06	6.4	2.63	<0.1	0.02	0.69	7.8	0.6	<0.05	0.6	18.01	15.1	0.04	<1	0.6	15.7	<10	<2
CHB1131577	0.2	57.8	0.82	1.29	0.29	107	1.67	0.204	17.8	39.5	0.57	170.3	0.017	11	2.62	0.004	0.05	0.2	4.5	0.24	0.16	132	0.5	0.02	7.4	4.1	<0.1	0.03	0.98	10	0.9	<0.05	0.6	25.34	17.5	0.06	<1	0.7	18	<10	<2
CHB1131578	2	37.7	1.65	1.95	0.16	89	0.53	0.042	14.5	31.8	0.83	232.4	0.08	2	2.25	0.013	0.08	<0.1	11.4	0.12	<0.02	58	<0.1	0.03	7.5	1.72	<0.1	0.14	0.14	5.2	0.6	<0.05	4.9	21.63	24.2	0.06	<1	0.6	17.2	<10	<2
CHB1131762	0.9	49.3	0.37	0.65	0.05	96	0.74	0.061	8.8	19.2	0.78	150.5	0.109	5	1.65	0.025	0.06	0.1	6.7	0.05	0.03	42	0.3	<0.02	5.6	0.98	<0.1	0.07	0.21	3.4	0.4	<0.05	2.5	12.38	17.8	0.04	3	0.4	15.2	<10	<2
CHB1131832	1	36.5	0.44	0.67	0.05	151	0.74	0.068	8.7	20.7	1.09	178.7	0.155	4	1.62	0.019	0.05	<0.1	9.7	0.09	0.02	33	0.1	<0.02	6.8	0.83	<0.1	0.08	0.14	3.2	0.5	<0.05	3.3	16.85	17	0.05	<1	0.4	17.1	<10	<2
CHB1131851	0.6	33.9	0.6	1.13	0.12	52	0.62	0.058	7.9	17.9	0.52	122.2	0.024	2	1.5	0.01	0.05	0.1	4.8	0.05	0.03	55	0.4	<0.02	4.5	3.08	<0.1	<0.02	0.26	4	0.3	<0.05	0.3	9.9	16.8	0.04	3	0.3	18.5	<10	<2
CHB1131852	0.8	30.9	0.52	1.53	0.12	57	0.6	0.061	7.1	18.6	0.6	130.9	0.031	2	1.49	0.011	0.05	<0.1	5.2	0.04	0.05	39	0.3	0.04	4.4	2.41	<0.1	<0.02	0.28	3.6	0.3	<0.05	0.9	9.71	15.5	0.04	2	0.2	17.5	<10	<2
CHB1131853	0.8	21.8	0.33	1.26	0.1	55	0.37	0.046	5.6	16.2	0.57	95.5	0.026	1	1.41	0.009	0.05	<0.1	4.2	0.04	0.08	31	0.2	<0.02	4.1	2.47	<0.1	0.03	0.15	3.2	0.2	<0.05	0.8	6.7	12.7	<0.02	<1	0.3	18.4	<10	<2
CHB1131854	0.4	29.6	1.04	0.95	0.3	42	0.96	0.049	5.2	18.4	0.62	176.2	0.031	2	1.62	0.027	0.1	<0.1	4.4	0.17	0.05	47	0.7	<0.02	4.7	3.38	<0.1	0.02	0.3	9.4	0.3	<0.05	0.5	9.32	10.9	0.05	<1	0.3	18.7	<10	<2
CHB1131855	0.7	11.1	0.74	0.85	0.14	49	0.3	0.055	9.4	8.1	0.47	125.2	0.009	<1	1.23	0.01	0.08	<0.1	5.6	0.05	0.02	19	0.2	0.08	4.2	1.52	<0.1	<0.02	0.06	4.4	0.2	<0.05	0.7	11.68	22.4	0.06	<1	0.5	13.9	<10	<2
CHB1131856	0.7	12.6	0.68	1.02	0.16	57	0.33	0.057	9.6	9.4	0.49	125.8	0.016	<1	1.25	0.011	0.08	0.1	5.9	0.04	0.03	19	0.3	0.05	4	1.69	<0.1	<0.02	0.05	4.7	0.4	<0.05	0.6	12.1	21.8	0.05	<1	0.4	13.8	<10	<2
CHB1131857	1.8	65.6	0.17	0.76	0.1	93	0.45	0.098	9.8	18.7	0.43	253.9	0.032	1	1.19	0.035	0.06	<0.1	4	0.06	<0.02	53	<0.1	<0.02	4	1.02	<0.1	0.03	0.13	4.6	0.4	<0.05	1.5	7.52	20.9	0.03	<1	0.4	8.9	<10	<2
CHB1131858	1.8	78.5	0.16	0.72	0.1	60	0.48	0.092	10	16.7	0.46	273.8	0.014	2	1.35	0.044	0.08	<0.1	4.6	0.07	<0.02	79	<0.1	<0.02	4	1.21	<0.1	0.03	0.14	6	0.3	<0.05	0.9	8.03	21.2	0.03	<1	0.5	10.3	<10	<2
CHB1131859	1.8	85.9	0.18	0.71	0.1	61	0.56	0.098	10.9	17.5	0.47	319.9	0.014	2	1.42	0.048	0.09	<0.1	5.1	0.08	<0.02	63	0.3	<0.02	4.1	1.2	<0.1	0.03	0.22	6.3	0.4	<0.05	0.7	9.25	22.2	0.03	<1	0.6	11	<10	<2
CHB1131860	1.7	41	0.14	0.35	0.09	59	0.32	0.061	6.3	24.5	0.45	327.1	0.011	2	1.12	0.011	0.11	<0.1	4.3	0.08	<0.02	38	0.1	0.03	3.7	0.68	<0.1	<0.02	0.09	6.4	0.4	<0.05	0.8	7.4	15	<0.02	<1	0.5	11	<10	<2
CHB1131861	1.8	37.6	0.15	0.34	0.1	60	0.31	0.06	6	23.7	0.43	313.7	0.01	1	1.02	0.009	0.09	<0.1	4	0.06	<0.02	50	<0.1	<0.02	3.5	0.63	<0.1	<0.02	0.1	5.6	0.4	<0.05	0.9	7.16	14.7	0.03	<1	0.4	10.5	<10	<2
CHB1131862	1.7	41	0.15	0.34	0.09	56	0.33	0.059	5.9	23.3	0.45	323.8	0.009	2	1.11	0.01	0.1	<0.1	4.5	0.07	<0.02	44	0.1	<0.02	3.5	0.66	<0.1	0.02	0.09	6.3	0.4	<0.05	1.1	7.66	14.6	0.03	2	0.4	11	<10	<2
CHB1131863	1.8	41.3	0.15	0.37	0.1	59	0.33	0.062	6.3	24.8	0.44	330.4	0.012	2	1.13	0.01	0.11	<0.1	4.4	0.08	<0.02	27	0.2	<0.02	3.8	0.71	<0.1	<0.02	0.11	6.4	0.5	<0.05	0.8	7.47	15.3	0.03	<1	0.4	11	<10	<2
CHB1131864	1.2	95.5	0.2	0.525	0.1	66	0.49	0.0885	10.8	17.15	0.355	439.15	0.0165	2	1.18	0.013	0.06	0.1	4.55	0.08	<0.02	58	0.15	<0.02	3.55	0.99	<0.1	<0.02	0.305	6.9	0.35	<0.05	0.45	8.22	21.75	0.03	1	0.5	11.85	<10	<2
CHB1131868	1.1	101.9	0.22	0.59	0.08	71	0.54	0.087	10.7	17.5	0.36	473.2	0.016	2	1.22	0.013	0.06	0.1	4.6	0.08	0.02	270	0.2	0.02	3.7	0.97	<0.1	<0.02	0.3	6.7	0.3	<0.05	0.4	8.42	21.3	0.02	<1	0.5	12.3	<10	<2
CHB1131869	1	114	0.28	0.5	0.08	62	0.58	0.086	11	17.4	0.39	499.1	0.015	2	1.3	0.013	0.07	<0.1	4.6	0.08	0.02	54	0.2	0.02	3.9	0.99	<0.1	<0.02	0.33	7.5	0.3	<0.05	0.4	8.83	21.6	0.03	<1	0.4	12.8	<10	<2
CHB1131870	1.1	117.9	0.23	0.51	0.09	72	0.58	0.088	11.1	19.7	0.38	542.5	0.017	2	1.32	0.012	0.07	<0.1	4.8	0.08	0.02	63	0.3	<0.02	3.9	1.01	<0.1	0.03	0.34	7.4	0.3	<0.05	0.5	9.09	22.6	0.04	<1	0.7	13.1	<10	<2
CHB1131871	1	83.2	0.21	0.43	0.08	58	0.48	0.079	10	18.1	0.36	438.3	0.013	1	1.23	0.011	0.06	<0.1	4.1	0.08	<0.02	64	0.2	0.02	3.6	0.94	<0.1	<0.02	0.28	7.1	0.3	<0.05	0.5	8.2	20.1	0.03	<1	0.5	12.8	<10	<2
CHB1131872	0.9	103.6	0.17	0.39	0.11	55	0.48	0.076	9.6	18.1	0.39	477.2	0.013	2	1.35	0.011	0.06	0.1	3.9	0.07	0.02	70	0.1	<0.02	3.5	0.88	<0.1	<0.02	0.33	7.4	0.4	<0.05	0.4	8.04	19.2	0.03	<1	0.5	14.1	<10	<2
CHB1131873	1	132.9	0.23	0.4	0.1	52	0.61	0.083	10.6	18.4	0.42	611	0.011	1	1.41	0.011	0.06	<0.1	4.2	0.08	0.03	83	0.3	<0.02	3.8	0.96	<0.1	0.02	0.33	8.6	0.4	<0.05	0.5	9.12	20.5	0.03	1	0.5	16.2	<10	<2
CHB1131874	1	94.9	0.16	0.32	0.34	50	0.42	0.067	9	17.5	0.37	435.5	0.012	<1	1.33	0.009	0.06	0.1	3.5	0.05	<0.02	49	0.2	<0.02	3.4	0.88	<0.1	<0.02	0.3	7.1	0.3	<0.05	0.4	7.16	17.5	<0.02	<1	0.4	14	<10	<2
CHB1131875	1	108.9	0.22	0.36	0.09	44	0.49	0.071	11	16.8	0.36	565.4	0.006	1	1.12	0.01	0.04	<0.1	3.9	0.07	0.02	55	0.2	0.03	3	0.67	<0.1	0.03	0.25	6.7	0.3	<0.05	0.6	8.97	18.6	0.03	1	0.4	12.4	<10	<2
CHB1131876	1.1	110	0.21	0.39	0.11	49	0.49	0.073	10.8	17.2	0.38	484.3	0.007	<1	1.13	0.01	0.04	0.1	3.9	0.07	<0.02	66	0.1	0.02	3.1	0.66	<0.1	0.03	0.24	6.4	0.3	<0.05	0.5	8.31	18.4	0.02	<1	0.3	12.7	<10	<2
CHB1131877	0.9	138.5	0.25	0.33	0.08	41	0.62	0.075	11.8	17	0.35	626	0.004	<1	1.14	0.009	0.04	<0.1	3.9	0.07	0.03	77	0.2	<0.02	2.9	0.57	<0.1	<0.02	0.28	6	0.3	<0.05	0.6	10.35	19.3	0.03	<1	0.5	12.1	<10	<2
CHB1131878	1	115	0.18	0.36	0.08	45	0.51	0.072	10.9	17.5	0.38	584.5	0.006	1	1.11	0.009	0.04	<0.1	3.9	0.06	0.02	66	0.1	0.02	3	0.63	<0.1	0.02	0.26	6.1	0.3	<0.05	0.6	8.62	18.2	0.03	<1	0.4	12.8	<10	<2
CHB1131879	1.6	102.1	0.24	0.59	0.1	62	0.57	0.092	13.4	18.7	0.39	488.2	0.008	1	1.17	0.014	0.05	0.1	5.4	0.09	0.02	66	0.2	<0.02	3.3	0.76	<0.1	0.03	0.23	6.3	0.3	<0.05	0.6	10.03	23.3	0.04	<1	0.5	11.9	<10	<2
CHB1131880	1.4	81.6	0.18	0.53	0.07	56	0.46	0.079	11.3	14.7	0.31	376.6	0.01	<1	0.89	0.011	0.04	0.1	4	0.06	<0.02	56	0.2	<0.02	2.7	0.62	<0.1	<0.02	0.24	5.1	0.3	<0.05	0.5	7.91	19.4	0.02	<1	0.5	8.8	<10	<2

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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: July 21, 2011
Report Date: August 23, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS SMI11000188.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mtn
Shipment ID: HBM-001
P.O. Number
Number of Samples: 84

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	82	Crush, split and pulverize 250 g rock to 200 mesh			SMI
1EX	84	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

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

ADDITIONAL COMMENTS

Invoice To: Lions Gate Metals
880-609 Granville St. PO Box 10321,
Pacific Centre
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
A. Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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: Hudson Bay Mtn
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS SMI11000188.1

	Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	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
RHB1051501	Rock	0.92	0.8	825.8	574.6	572	39.1	3.9	49.5	180	26.26	>10000	<0.1	3.5	0.2	2	10.5	380.2	103.7	31	<0.01
RHB1051502	Rock	0.74	5.2	732.4	360.2	>10000	21.3	8.4	14.0	>10000	40.12	97	1.3	0.5	0.1	3	983.1	18.5	10.6	<1	0.97
RHB1051503	Rock	1.06	<0.1	722.0	696.0	2307	13.4	2.7	105.9	437	46.58	58	<0.1	<0.1	<0.1	<1	8.6	4.7	60.1	<1	0.06
RHB1051504	Rock	1.14	5.2	772.5	>10000	>10000	>200	14.4	7.1	9647	30.26	4702	1.5	2.1	0.2	4	846.0	748.9	0.4	16	1.23
RHB1051505	Rock	1.54	5.3	989.1	>10000	>10000	>200	3.6	1.9	>10000	13.53	226	1.8	6.6	<0.1	14	1225	308.4	0.4	6	9.75
RHB1051506	Rock	1.56	0.1	1055	>10000	>10000	>200	5.7	4.4	2874	24.75	21	0.4	2.0	<0.1	1	2337	1086	0.2	117	0.30
RHB1051507	Rock	0.89	4.4	372.8	>10000	>10000	>200	14.5	7.0	9357	21.15	2698	1.4	1.5	<0.1	9	1079	1066	0.2	16	1.73
RHB1051508	Rock	1.21	4.8	714.6	>10000	>10000	>200	14.5	24.4	>10000	31.22	734	1.1	0.6	0.1	3	1264	835.3	0.1	11	1.09
RHB1051509	Rock	1.23	1.5	846.6	>10000	>10000	>200	10.8	11.3	5777	21.99	345	1.3	1.2	0.2	4	1900	1055	0.1	21	1.45
RHB1051510	Rock	1.73	12.7	890.5	>10000	>10000	>200	4.5	14.5	2028	29.50	1998	0.8	5.3	0.1	3	977.5	818.7	<0.1	24	0.15
RHB1051511	Rock	1.49	5.8	903.4	1594	>10000	38.7	8.8	5.9	>10000	38.66	76	1.4	0.2	0.3	<1	1282	25.6	10.5	<1	0.98
RHB1051512	Rock	1.04	0.2	1370	445.2	>10000	21.0	4.7	17.6	874	35.47	1	1.0	0.2	0.2	2	1712	5.9	2.0	65	0.13
RHB1051513	Rock	0.84	5.2	910.8	1897	>10000	37.4	30.9	16.7	>10000	33.38	157	1.5	<0.1	0.2	6	1806	24.7	11.6	12	1.04
RHB1051514	Rock	1.15	3.6	914.3	439.7	>10000	27.5	18.9	11.7	1881	34.13	131	2.7	1.2	<0.1	3	2075	8.4	2.9	9	0.60
RHB1051515	Rock	1.29	1.0	1349	486.2	>10000	23.0	6.6	13.8	1476	38.21	3	0.7	0.3	0.2	<1	1559	5.6	6.9	74	0.18
RHB1051516	Rock	0.54	3.6	437.4	2566	5643	43.2	1.0	0.5	860	39.53	1340	0.8	0.2	0.2	4	56.1	34.9	4.5	136	0.18
RHB1051517	Rock	0.80	4.1	168.8	477.1	2683	27.3	1.7	0.3	503	15.00	138	2.8	0.3	0.2	3	16.8	16.2	5.5	56	0.14
RHB1051518	Rock	0.55	34.5	2384	>10000	>10000	>200	8.6	15.3	3004	21.60	>10000	0.2	2.0	0.1	14	180.6	679.5	0.2	111	0.08
RHB1051519	Rock	0.72	1.5	1071	>10000	>10000	>200	14.0	22.9	>10000	9.07	2253	0.6	0.5	0.2	11	154.8	364.1	0.1	181	0.19
RHB1051520	Rock	1.06	1.1	747.2	3712	>10000	49.7	24.5	22.9	>10000	7.75	352	0.4	0.1	0.4	13	224.4	56.6	<0.1	207	0.34
RHB1051521	Rock	0.57	0.2	384.7	257.3	>10000	2.9	55.7	51.2	2898	13.10	12	0.6	<0.1	0.3	290	67.4	1.2	<0.1	402	1.42
RHB1051522	Rock	1.09	1.3	915.7	>10000	>10000	86.1	66.5	55.3	>10000	16.58	805	0.1	0.1	<0.1	5	1526	93.4	0.5	258	0.22
RHB1051523	Rock	0.68	1.6	154.7	69.3	181	5.2	1.3	4.7	636	6.46	143	0.5	<0.1	0.8	4	0.1	36.0	14.0	203	0.05
RHB1051524	Rock	0.66	2.4	350.9	95.3	614	4.1	2.0	10.6	826	9.50	296	0.4	<0.1	0.8	2	5.9	13.9	8.8	143	0.10
RHB1051525	Rock	0.85	0.7	749.6	3082	376	>200	2.2	51.2	256	21.04	>10000	0.2	6.6	0.2	4	7.7	1500	1410	47	0.02
RHB1051526	Rock	0.51	2.1	311.4	5805	3081	118.0	3.8	14.0	>10000	12.71	331	0.4	<0.1	1.1	9	23.2	521.6	14.5	351	0.14
RHB1051527	Rock	0.82	0.4	59.5	46.2	2311	1.9	3.8	2.6	940	7.05	299	0.6	<0.1	1.3	6	25.4	20.1	5.4	56	0.31
RHB1051528	Rock Pulp	0.08	22.3	5051	6334	>10000	67.3	42.7	18.8	526	8.82	261	2.1	0.8	2.3	143	220.1	108.1	25.2	72	1.77
RHB1051529	Rock	0.84	<0.1	2.5	15.6	23	0.4	<0.1	0.5	59	0.11	6	1.3	<0.1	<0.1	4439	0.4	1.0	0.1	<1	35.53
RHB1051530	Rock	0.63	0.5	4.8	20.0	103	0.4	0.8	1.4	1120	2.89	43	1.0	<0.1	2.2	51	0.5	1.5	0.7	7	0.76

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Project: Hudson Bay Mtn
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS SMI11000188.1

	Method	1EX	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	S
	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	0.1
RHB1051501	Rock	0.010	1.2	5	0.03	<1	0.058	0.70	0.013	0.31	1.8	0.6	3	0.9	0.8	0.3	<0.1	<1	4	8.6	>10
RHB1051502	Rock	0.094	1.7	5	1.33	<1	0.039	0.59	0.005	<0.01	0.9	5.3	4	2.1	6.0	0.3	<0.1	<1	3	7.5	>10
RHB1051503	Rock	<0.001	1.6	2	0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	4	0.1	6.7	<0.1	<0.1	<1	<1	0.1	>10
RHB1051504	Rock	0.116	1.2	8	0.46	3	0.034	0.59	0.002	0.08	1.2	6.8	3	2.4	5.9	0.3	<0.1	<1	3	4.9	>10
RHB1051505	Rock	0.188	14.6	5	3.60	<1	0.021	0.30	<0.001	0.01	0.6	5.2	29	1.7	12.2	0.2	<0.1	<1	2	3.8	>10
RHB1051506	Rock	0.032	0.4	6	0.49	<1	0.067	0.76	<0.001	<0.01	1.7	4.2	1	3.3	2.6	0.2	<0.1	<1	4	6.7	>10
RHB1051507	Rock	0.136	3.1	6	0.40	3	0.018	0.52	<0.001	0.04	0.4	4.9	6	4.4	5.9	0.1	<0.1	<1	3	6.2	>10
RHB1051508	Rock	0.119	1.2	6	0.49	<1	0.028	0.49	<0.001	0.02	0.6	4.8	3	2.8	5.3	0.2	<0.1	<1	2	6.1	>10
RHB1051509	Rock	0.061	1.3	7	0.63	<1	0.028	0.79	0.002	0.03	0.3	9.5	4	3.7	5.0	0.2	<0.1	<1	3	9.6	>10
RHB1051510	Rock	0.036	0.4	8	0.35	3	0.037	0.74	0.004	0.08	0.7	5.4	2	3.0	2.7	0.2	<0.1	<1	4	7.1	>10
RHB1051511	Rock	0.091	1.5	11	1.60	<1	0.062	0.97	0.010	<0.01	2.1	12.8	4	2.6	6.6	0.5	<0.1	<1	4	10.3	>10
RHB1051512	Rock	0.049	0.5	6	0.41	23	0.114	1.45	0.007	0.24	1.2	10.3	1	2.9	2.0	0.4	<0.1	<1	11	12.1	>10
RHB1051513	Rock	0.247	2.4	9	0.38	12	0.030	0.63	0.003	0.12	0.6	8.9	4	1.2	3.6	0.3	<0.1	<1	2	3.9	>10
RHB1051514	Rock	0.246	1.4	7	0.22	<1	0.013	0.32	<0.001	0.01	0.2	4.5	4	0.6	6.8	0.1	<0.1	<1	3	4.1	>10
RHB1051515	Rock	0.057	2.1	8	0.92	<1	0.170	1.67	0.001	0.02	1.0	8.6	4	0.8	1.7	0.4	<0.1	<1	17	23.0	>10
RHB1051516	Rock	0.174	0.3	11	0.29	8	0.053	0.75	0.003	0.06	0.8	8.3	<1	1.2	1.4	0.2	<0.1	<1	5	7.3	0.4
RHB1051517	Rock	0.118	0.6	11	0.36	3	0.072	0.66	0.007	0.05	0.6	17.2	1	0.7	2.8	0.4	<0.1	<1	3	13.7	0.6
RHB1051518	Rock	0.020	2.0	71	0.13	55	0.133	2.76	0.013	0.20	1.8	3.4	4	2.7	3.9	0.2	<0.1	<1	13	43.4	2.8
RHB1051519	Rock	0.043	1.3	142	0.32	258	0.350	6.13	0.033	2.46	2.5	10.7	4	5.2	6.7	0.4	<0.1	<1	26	19.9	2.1
RHB1051520	Rock	0.058	2.8	146	0.34	375	0.430	7.59	0.033	3.09	3.0	10.2	7	3.7	13.1	0.8	<0.1	<1	37	31.4	0.7
RHB1051521	Rock	0.046	2.8	176	2.65	1020	0.466	7.87	2.992	0.79	0.2	18.5	7	0.3	14.3	0.7	<0.1	<1	42	44.6	<0.1
RHB1051522	Rock	0.028	1.8	170	2.59	52	0.268	6.17	0.016	1.09	6.0	2.7	5	3.7	11.2	0.3	<0.1	<1	29	45.5	4.1
RHB1051523	Rock	0.079	4.3	6	0.60	226	0.496	6.85	0.086	3.10	19.1	6.6	9	4.3	6.1	2.0	0.1	<1	29	17.5	0.8
RHB1051524	Rock	0.065	5.5	7	1.08	20	0.389	6.08	0.059	2.42	11.3	5.6	13	3.6	7.7	1.9	<0.1	<1	22	26.3	2.8
RHB1051525	Rock	0.054	1.4	5	0.19	13	0.162	1.96	0.033	0.94	2.2	1.7	4	1.1	1.4	0.7	<0.1	<1	9	6.5	>10
RHB1051526	Rock	0.089	4.9	13	0.90	107	0.620	7.04	0.051	2.92	14.0	4.6	12	6.2	7.6	1.5	<0.1	1	39	15.7	1.3
RHB1051527	Rock	0.133	6.8	10	1.46	351	0.449	7.02	0.104	2.37	4.1	16.5	20	6.2	7.4	3.4	0.2	<1	21	26.4	1.1
RHB1051528	Rock Pulp	0.056	10.9	29	0.86	11	0.178	3.70	1.187	0.72	1.4	26.2	22	48.0	9.9	4.1	0.2	<1	7	11.4	9.0
RHB1051529	Rock	0.005	0.4	<1	1.90	5	0.003	0.11	0.002	0.02	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.6	<0.1
RHB1051530	Rock	0.061	16.0	7	0.47	133	0.393	6.56	4.635	0.71	0.4	66.0	34	1.1	32.4	5.1	0.2	<1	15	7.8	<0.1

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		Method	1EX	1EX
		Analyte	Rb	Hf
		Unit	ppm	ppm
		MDL	0.1	0.1
RHB1051501	Rock		8.4	<0.1
RHB1051502	Rock		0.4	0.2
RHB1051503	Rock		<0.1	<0.1
RHB1051504	Rock		1.8	0.2
RHB1051505	Rock		0.5	0.2
RHB1051506	Rock		0.2	0.2
RHB1051507	Rock		1.1	0.2
RHB1051508	Rock		0.5	0.2
RHB1051509	Rock		0.6	0.3
RHB1051510	Rock		2.1	0.2
RHB1051511	Rock		0.3	0.5
RHB1051512	Rock		7.1	0.4
RHB1051513	Rock		2.8	0.3
RHB1051514	Rock		0.3	0.1
RHB1051515	Rock		0.5	0.3
RHB1051516	Rock		1.9	0.2
RHB1051517	Rock		1.5	0.4
RHB1051518	Rock		5.4	0.1
RHB1051519	Rock		72.3	0.4
RHB1051520	Rock		91.0	0.4
RHB1051521	Rock		19.0	0.6
RHB1051522	Rock		29.0	0.1
RHB1051523	Rock		88.8	0.3
RHB1051524	Rock		72.7	0.2
RHB1051525	Rock		23.9	<0.1
RHB1051526	Rock		96.3	0.3
RHB1051527	Rock		66.9	0.8
RHB1051528	Rock Pulp		19.7	0.9
RHB1051529	Rock		0.6	<0.1
RHB1051530	Rock		9.6	2.6

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CERTIFICATE OF ANALYSIS SMI11000188.1

Method		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	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
RHB1051531	Rock	1.53	0.4	4.6	20.4	112	0.2	0.4	1.4	1341	2.80	7	1.0	<0.1	2.4	121	0.5	0.9	0.1	8	0.88
RHB1051532	Rock	0.94	0.8	27.6	1104	1820	11.3	2.4	4.0	7381	4.90	77	0.7	<0.1	1.7	6	7.8	11.1	0.3	16	0.21
RHB1051533	Rock	1.09	0.4	17.3	561.1	732	7.7	2.6	2.8	4512	4.19	95	0.6	<0.1	1.9	29	5.2	6.7	<0.1	22	0.44
RHB1051534	Rock	1.21	0.7	9.3	79.2	347	2.6	2.4	3.6	2092	4.27	60	0.8	<0.1	1.9	40	1.1	3.6	0.1	21	0.11
RHB1051535	Rock	0.69	1.5	67.8	1222	2648	80.2	1.8	2.2	1957	3.11	265	0.6	0.3	1.5	9	11.7	25.4	<0.1	34	0.07
RHB1051536	Rock	0.85	0.4	5.9	171.7	966	2.8	2.9	5.5	2070	4.23	24	0.7	<0.1	1.7	82	4.2	3.7	0.3	41	0.45
RHB1051537	Rock	0.57	1.5	320.8	5710	1751	>200	1.5	7.0	4547	3.52	212	0.6	0.1	1.3	18	6.0	86.5	0.5	22	0.04
RHB1051538	Rock	0.57	0.7	463.3	>10000	3102	>200	1.6	4.7	3511	3.07	272	0.6	0.1	1.4	8	16.3	62.6	0.5	18	0.07
RHB1051539	Rock	1.26	2.5	>10000	>10000	>10000	>200	8.9	22.0	>10000	4.77	51	0.1	3.1	0.2	5	1864	1904	0.5	31	0.09
RHB1051540	Rock	0.83	2.4	695.5	1419	4477	75.6	5.1	5.2	3902	2.26	31	0.5	<0.1	1.3	15	29.6	29.5	0.7	29	0.94
RHB1051541	Rock	0.91	2.6	96.9	581.1	1283	21.2	0.7	0.5	163	3.11	249	0.4	<0.1	1.5	13	4.3	16.8	0.4	7	0.02
RHB1051542	Rock	0.66	0.6	53.7	190.1	4991	1.0	0.7	2.5	5302	3.07	31	0.4	<0.1	1.4	18	26.9	15.6	0.1	5	0.04
RHB1051543	Rock	0.57	1.0	145.2	42.0	8827	2.3	1.4	2.5	>10000	5.72	19	0.3	<0.1	0.9	15	79.4	23.5	0.2	<1	0.03
RHB1051544	Rock	0.87	0.9	9.2	13.7	41	0.5	0.4	1.4	267	1.12	10	1.9	<0.1	10.9	173	<0.1	2.8	<0.1	6	0.38
RHB1051545	Rock	1.38	0.2	>10000	179.6	146	9.3	46.1	27.9	2482	7.99	39	0.2	0.4	0.4	288	18.2	6.1	1.9	139	17.65
RHB1051546	Rock	2.33	0.2	13.6	15.3	43	<0.1	4.0	6.2	1064	4.64	22	0.5	<0.1	1.0	197	<0.1	4.2	0.2	51	4.29
RHB1051547	Rock	1.00	0.9	41.0	3.9	44	<0.1	7.3	8.7	511	4.13	9	0.5	<0.1	1.6	185	0.1	0.4	<0.1	52	2.43
RHB1051548	Rock	0.45	0.1	1006	206.3	>10000	7.6	<0.1	49.2	2273	18.66	19	<0.1	1.4	<0.1	<1	3109	2.5	44.6	2	0.01
RHB1051549	Rock	0.54	0.2	1228	485.6	>10000	35.9	0.6	38.2	1403	21.75	9	<0.1	1.3	<0.1	<1	2592	2.3	75.3	2	<0.01
RHB1051550	Rock	0.88	2.5	22.0	35.2	856	0.4	0.6	5.9	2136	7.37	12	1.3	<0.1	1.9	83	10.7	8.5	0.4	88	2.04
RHB1051551	Rock	0.25	1.1	1138	695.7	>10000	32.0	2.5	59.8	1254	29.62	36	0.2	0.9	0.3	16	955.8	10.7	60.1	29	0.63
RHB1051552	Rock	0.54	1.3	191.7	140.4	916	1.8	0.2	3.0	2316	5.41	3	0.7	0.5	1.8	37	12.2	7.8	3.0	71	1.30
RHB1051553	Rock	0.39	1.2	1479	858.7	>10000	30.7	2.4	69.5	1333	31.09	47	0.1	0.4	0.4	6	1324	7.7	61.4	13	0.14
RHB1051554	Rock	0.51	0.5	1469	2620	>10000	90.5	1.7	57.6	1456	25.30	59	0.3	3.8	0.7	18	927.4	12.8	176.9	21	0.54
RHB1051555	Rock	0.66	1.4	87.7	26.6	2664	1.1	1.0	3.7	899	4.83	50	0.7	<0.1	1.9	42	22.8	9.6	1.5	29	0.83
RHB1051556	Rock	0.95	0.6	1726	42.6	>10000	11.7	1.4	60.1	1318	24.53	12	0.3	<0.1	0.4	20	1011	6.3	7.4	23	0.32
RHB1051557	Rock	0.56	0.7	85.1	8.1	1631	1.5	0.4	0.7	105	1.96	16	1.1	<0.1	3.1	3	17.4	5.1	1.3	4	0.03
RHB1051558	Rock	1.11	0.4	652.1	296.7	>10000	7.7	0.8	8.7	547	4.14	3	0.6	<0.1	1.5	3	488.0	8.9	6.9	3	0.04
RHB1051559	Rock	0.55	0.4	113.0	42.5	8369	1.3	0.5	3.5	336	3.91	8	0.5	<0.1	2.0	4	95.0	11.6	1.5	5	0.14
RHB1051560	Rock	1.01	0.1	1.3	0.9	67	<0.1	<0.1	0.5	27	0.06	<1	1.2	<0.1	<0.1	3938	0.4	<0.1	<0.1	<1	35.48

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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	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	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	0.1
RHB1051531	Rock	0.057	16.9	4	0.59	31	0.377	6.51	4.955	0.11	0.5	62.3	35	1.1	32.5	4.8	0.3	1	14	9.6	<0.1
RHB1051532	Rock	0.073	11.2	6	0.31	217	0.403	6.42	0.084	2.96	0.7	37.7	25	1.1	16.7	4.1	0.2	<1	16	18.8	1.5
RHB1051533	Rock	0.066	11.1	9	0.40	253	0.411	6.74	1.672	2.49	0.9	33.9	24	7.6	10.9	4.3	0.3	1	15	9.2	1.5
RHB1051534	Rock	0.074	11.1	10	0.19	240	0.449	7.00	3.264	1.96	0.5	42.6	25	0.6	13.4	4.7	0.2	<1	16	7.6	<0.1
RHB1051535	Rock	0.056	21.4	8	0.22	355	0.410	6.45	0.078	3.33	1.8	32.0	45	3.4	8.5	3.9	0.2	<1	14	11.2	0.9
RHB1051536	Rock	0.094	17.7	11	0.74	569	0.430	7.42	3.972	1.93	0.6	35.6	36	2.0	21.0	4.1	0.2	2	18	21.1	0.3
RHB1051537	Rock	0.069	17.1	5	0.16	369	0.315	5.74	0.077	2.57	1.0	35.0	34	1.5	6.8	3.6	0.2	<1	12	16.6	0.4
RHB1051538	Rock	0.052	12.5	4	0.18	248	0.300	5.59	0.069	2.67	1.2	38.1	25	2.0	9.1	3.5	0.2	<1	11	20.0	1.2
RHB1051539	Rock	0.012	2.5	15	0.27	23	0.104	2.38	0.013	1.09	0.2	7.1	6	0.5	4.8	0.5	<0.1	<1	8	14.6	>10
RHB1051540	Rock	0.066	17.5	6	0.57	183	0.382	6.77	0.106	3.34	1.2	33.6	36	0.6	14.1	4.3	0.2	<1	16	17.2	0.5
RHB1051541	Rock	0.030	10.9	4	0.14	298	0.227	5.64	0.090	2.66	2.2	28.2	23	1.6	6.1	3.5	0.2	<1	9	14.0	0.3
RHB1051542	Rock	0.040	18.0	2	0.15	322	0.195	6.07	0.072	2.98	1.1	27.3	38	1.1	7.3	2.9	0.2	<1	11	10.9	<0.1
RHB1051543	Rock	0.031	10.2	3	0.10	179	0.141	4.39	0.052	1.97	0.6	17.3	19	0.7	7.9	2.1	0.1	<1	9	16.2	0.1
RHB1051544	Rock	0.027	26.5	4	0.14	876	0.076	6.34	3.486	3.24	1.2	29.6	45	0.7	12.3	11.5	1.0	2	2	9.2	<0.1
RHB1051545	Rock	0.071	3.7	284	1.76	9	0.395	6.70	0.042	0.03	0.3	14.0	8	0.6	12.9	1.1	<0.1	<1	26	2.1	0.7
RHB1051546	Rock	0.115	8.4	25	0.39	150	0.430	6.70	1.166	0.34	0.5	10.1	18	0.8	29.4	2.1	0.1	<1	23	17.6	<0.1
RHB1051547	Rock	0.047	9.9	96	1.49	454	0.428	6.93	2.247	1.05	0.4	38.7	30	1.2	34.2	3.6	0.2	<1	19	34.1	0.8
RHB1051548	Rock	<0.001	1.2	<1	<0.01	20	0.006	0.15	0.007	0.05	<0.1	0.6	3	0.2	3.6	0.1	<0.1	<1	<1	0.9	>10
RHB1051549	Rock	0.002	0.9	13	0.01	11	0.006	0.17	0.008	0.03	0.2	0.7	2	0.1	2.4	0.1	<0.1	<1	<1	0.6	>10
RHB1051550	Rock	0.097	12.7	3	1.10	401	0.535	6.39	1.346	1.22	1.9	39.9	28	1.8	38.1	3.9	0.2	<1	20	41.6	0.2
RHB1051551	Rock	0.015	5.5	16	0.24	4	0.131	2.16	0.231	0.84	0.6	3.6	13	1.3	9.8	1.0	<0.1	<1	8	11.0	>10
RHB1051552	Rock	0.143	18.4	2	0.84	729	0.604	7.64	0.467	3.86	4.6	32.7	40	8.1	35.7	5.5	0.2	2	25	30.4	0.5
RHB1051553	Rock	0.008	2.7	14	0.15	2	0.065	1.47	0.077	0.76	0.5	5.3	7	0.8	5.9	0.8	<0.1	<1	4	9.1	>10
RHB1051554	Rock	0.020	3.8	4	0.32	9	0.136	2.92	0.200	1.40	0.8	6.9	10	1.7	14.6	1.9	0.1	<1	7	27.3	>10
RHB1051555	Rock	0.045	10.6	27	0.60	216	0.241	6.37	0.471	3.26	1.3	28.9	24	3.2	31.2	4.4	0.3	1	13	22.8	1.0
RHB1051556	Rock	0.016	1.5	3	0.30	6	0.148	3.24	0.232	2.30	0.6	6.0	6	0.9	10.1	1.8	0.1	<1	7	24.2	9.4
RHB1051557	Rock	0.011	17.5	22	0.12	760	0.134	6.01	0.042	3.20	1.8	68.8	37	2.9	18.7	4.7	0.3	<1	9	10.6	0.5
RHB1051558	Rock	0.007	2.7	6	0.24	24	0.081	4.46	0.026	2.08	1.2	34.3	7	2.0	11.6	2.7	0.1	<1	5	9.4	3.7
RHB1051559	Rock	0.047	27.1	14	0.31	488	0.268	7.08	0.029	3.65	6.1	33.0	58	1.9	26.3	5.9	0.2	<1	16	12.6	1.3
RHB1051560	Rock	0.004	0.5	5	1.65	7	<0.001	0.05	0.002	<0.01	<0.1	0.6	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.8	<0.1

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Project: Hudson Bay Mtn
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS SMI11000188.1

	Method	1EX	1EX
	Analyte	Rb	Hf
	Unit	ppm	ppm
	MDL	0.1	0.1
RHB1051531	Rock	2.3	2.1
RHB1051532	Rock	111.7	1.2
RHB1051533	Rock	92.9	1.1
RHB1051534	Rock	59.8	1.4
RHB1051535	Rock	126.9	1.0
RHB1051536	Rock	43.6	1.2
RHB1051537	Rock	93.3	1.3
RHB1051538	Rock	97.7	1.2
RHB1051539	Rock	33.3	0.2
RHB1051540	Rock	108.0	1.2
RHB1051541	Rock	99.9	0.8
RHB1051542	Rock	94.9	0.8
RHB1051543	Rock	59.7	0.5
RHB1051544	Rock	91.9	1.2
RHB1051545	Rock	0.7	0.6
RHB1051546	Rock	14.6	0.3
RHB1051547	Rock	41.3	1.6
RHB1051548	Rock	0.7	<0.1
RHB1051549	Rock	0.4	<0.1
RHB1051550	Rock	38.4	1.4
RHB1051551	Rock	29.1	0.1
RHB1051552	Rock	130.8	0.9
RHB1051553	Rock	19.7	0.2
RHB1051554	Rock	34.6	0.2
RHB1051555	Rock	100.1	0.9
RHB1051556	Rock	47.5	0.2
RHB1051557	Rock	77.3	1.9
RHB1051558	Rock	53.8	1.0
RHB1051559	Rock	93.8	1.0
RHB1051560	Rock	0.3	<0.1

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CERTIFICATE OF ANALYSIS SMI11000188.1

Method		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	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
RHB1051561	Rock Pulp	0.07	20.7	4981	5985	>10000	63.6	43.2	18.0	508	8.24	370	2.0	0.9	1.9	91	208.6	95.2	23.2	65	1.76
RHB1051562	Rock	0.77	1.2	153.0	>10000	>10000	91.2	2.5	3.7	3296	7.54	107	1.0	<0.1	2.0	39	96.8	147.4	2.6	15	1.41
RHB1051563	Rock	1.01	1.2	107.1	>10000	>10000	59.6	3.9	5.6	3200	7.08	82	0.9	<0.1	2.1	54	256.6	95.1	2.2	13	1.35
RHB1051564	Rock	0.78	1.5	45.6	238.6	573	0.7	0.7	4.5	1964	5.06	58	1.5	<0.1	3.6	157	8.9	32.0	<0.1	8	0.78
RHB1051565	Rock	1.07	1.3	813.8	>10000	>10000	85.2	27.9	33.1	3232	24.83	245	0.4	<0.1	0.9	4	209.2	105.4	2.9	65	0.16
RHB1051566	Rock	0.51	3.1	497.9	9133	>10000	54.5	2.2	19.4	1485	10.03	4480	0.4	0.4	1.1	4	1660	87.5	1.6	16	0.08
RHB1051567	Rock	0.36	0.7	414.0	>10000	>10000	>200	1.5	8.9	2262	15.59	204	<0.1	0.1	<0.1	<1	3081	534.5	4.2	<1	0.01
RHB1051568	Rock	0.64	5.5	23.7	25.4	231	0.3	0.7	7.2	435	3.32	34	0.6	<0.1	1.1	97	2.6	2.8	0.6	196	0.70
RHB1051569	Rock	1.03	21.4	79.2	1317	2934	5.3	0.6	9.8	207	5.29	48	0.6	<0.1	1.3	73	25.1	6.6	1.8	212	0.44
RHB1051570	Rock	0.60	0.5	186.9	12.3	117	0.4	0.8	6.2	844	4.75	7	1.1	<0.1	2.4	37	0.4	0.8	0.1	41	0.47
RHB1051571	Rock	0.59	0.5	1815	2269	>10000	49.5	33.3	50.9	5285	12.33	>10000	0.1	11.1	0.2	9	198.0	43.9	41.3	246	0.10
RHB1051572	Rock	0.75	2.6	2335	1921	>10000	59.1	41.8	88.7	2029	12.38	>10000	<0.1	19.5	<0.1	6	154.6	83.1	17.3	116	0.05
RHB1051573	Rock	0.63	0.5	4263	1033	>10000	63.2	23.0	8.6	>10000	8.38	72	1.3	0.3	0.4	8	142.7	29.3	1.5	230	0.04
RHB1051574	Rock	0.67	3.1	2594	8398	2389	113.9	10.4	13.5	6590	3.63	83	2.1	0.2	0.5	7	6.3	65.1	2.1	101	0.13
RHB1051575	Rock	1.01	3.4	9365	>10000	9819	>200	7.4	5.0	2281	5.51	131	1.1	0.5	0.5	6	62.5	57.7	1.2	57	0.03
RHB1051576	Rock	0.79	7.1	1802	>10000	1258	>200	7.5	7.9	326	2.60	198	1.6	5.3	0.7	10	6.8	321.4	6.7	80	0.03
RHB1051577	Rock	0.81	1.2	4634	158.7	1408	>200	6.6	7.5	728	1.25	15	1.0	<0.1	0.5	12	12.7	728.5	0.3	36	0.30
RHB1051578	Rock	1.07	2.5	2761	>10000	>10000	150.5	25.4	37.8	>10000	9.49	7	0.3	5.0	0.3	9	740.3	123.0	0.1	105	0.17
RHB1051579	Rock	0.96	2.8	2012	>10000	>10000	>200	7.5	19.6	>10000	10.22	38	2.2	1.0	0.4	8	149.1	310.4	0.7	34	0.07
RHB1051580	Rock	0.74	0.3	1957	>10000	8123	58.6	3.7	6.0	>10000	5.53	13	0.5	0.1	1.3	8	69.8	62.3	<0.1	35	0.09
RHB1051581	Rock	0.49	2.7	>10000	489.7	268	>200	38.9	21.0	>10000	9.55	117	0.1	<0.1	0.1	241	31.6	690.3	<0.1	79	14.66
RHB1051582	Rock	0.80	0.7	>10000	145.1	187	156.2	22.9	15.4	>10000	4.40	25	1.0	<0.1	2.1	95	3.0	29.2	<0.1	36	4.26
RHB1051583	Rock	0.74	9.9	310.1	85.8	71	1.7	0.1	0.9	1453	3.00	36	1.5	<0.1	3.5	66	0.3	3.5	<0.1	<1	2.44
RHB1051584	Rock	0.46	1.2	>10000	107.6	158	>200	24.5	15.1	>10000	4.82	22	0.7	<0.1	1.6	106	3.7	41.4	<0.1	28	4.86

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CERTIFICATE OF ANALYSIS SMI11000188.1

	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	S
	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	0.1
RHB1051561	Rock Pulp	0.048	8.6	27	0.84	10	0.162	3.61	1.171	0.68	1.1	26.6	20	45.0	9.1	3.8	0.2	<1	7	11.5	9.3
RHB1051562	Rock	0.058	9.6	12	0.83	200	0.285	5.33	0.126	1.71	4.2	38.8	21	4.8	23.9	4.4	0.2	<1	15	20.1	0.9
RHB1051563	Rock	0.060	11.3	39	0.81	83	0.303	5.92	0.167	2.29	5.0	42.9	26	4.6	27.4	4.8	0.3	<1	16	17.8	1.5
RHB1051564	Rock	0.082	20.5	2	0.30	400	0.410	7.24	3.568	2.72	0.9	46.9	45	2.1	41.1	6.7	0.4	2	21	8.3	0.8
RHB1051565	Rock	0.043	7.3	81	0.53	7	0.184	4.51	0.018	0.94	2.6	8.8	19	3.7	15.3	1.6	0.1	<1	16	62.3	>10
RHB1051566	Rock	0.032	6.3	17	0.20	24	0.113	2.99	0.019	0.99	2.8	14.3	14	1.4	10.6	1.5	0.1	<1	8	17.7	6.9
RHB1051567	Rock	0.004	1.7	19	0.07	14	0.015	0.36	0.003	0.08	0.1	1.0	4	4.7	2.0	0.1	<0.1	<1	1	2.1	>10
RHB1051568	Rock	0.117	2.2	<1	1.30	243	0.782	9.30	5.309	0.36	0.4	57.7	7	1.5	14.9	4.4	0.3	<1	41	22.0	0.7
RHB1051569	Rock	0.061	5.1	17	0.82	41	0.698	6.01	3.295	0.99	0.3	28.9	14	1.8	15.5	3.3	0.2	<1	23	12.6	3.5
RHB1051570	Rock	0.122	5.1	3	0.96	729	0.454	6.39	2.613	2.96	0.7	78.9	13	0.9	19.0	4.7	0.3	<1	17	16.2	0.6
RHB1051571	Rock	0.049	2.5	154	1.35	52	0.280	6.95	0.030	2.02	4.6	7.3	5	3.3	7.8	0.4	<0.1	<1	35	24.6	3.5
RHB1051572	Rock	0.020	0.9	62	0.57	26	0.116	3.60	0.023	1.10	3.9	4.0	2	2.8	3.8	0.2	<0.1	<1	17	13.2	6.7
RHB1051573	Rock	0.021	3.8	161	0.69	401	0.359	7.12	0.027	3.09	1.7	26.0	7	0.9	3.3	1.0	<0.1	<1	32	24.4	<0.1
RHB1051574	Rock	0.096	3.9	17	0.21	238	0.285	4.86	0.033	1.78	0.9	31.4	7	1.0	6.7	1.3	<0.1	<1	14	21.0	0.2
RHB1051575	Rock	0.020	4.6	50	0.19	80	0.129	2.11	0.014	0.47	0.3	25.3	8	1.2	4.8	0.8	<0.1	<1	10	30.6	1.3
RHB1051576	Rock	0.035	10.0	95	0.09	237	0.240	3.80	0.025	1.71	0.4	32.2	18	1.1	5.3	1.3	<0.1	<1	9	14.5	1.1
RHB1051577	Rock	0.122	2.8	35	0.15	146	0.129	2.94	0.024	1.27	0.3	24.1	5	1.0	6.9	0.9	<0.1	<1	6	19.7	0.3
RHB1051578	Rock	0.041	1.6	137	1.36	57	0.140	3.44	0.009	0.11	0.1	15.3	3	1.2	4.0	0.5	<0.1	<1	15	32.3	3.8
RHB1051579	Rock	0.057	2.4	9	0.52	110	0.127	2.30	0.008	0.54	0.7	20.6	5	0.6	8.9	0.7	<0.1	<1	8	11.8	1.7
RHB1051580	Rock	0.019	9.8	5	0.45	272	0.226	5.53	0.037	1.90	1.1	53.3	24	1.1	17.5	2.9	0.2	<1	13	12.9	0.5
RHB1051581	Rock	0.026	6.8	67	1.91	229	0.091	1.91	0.018	0.35	0.7	3.4	13	0.7	13.0	0.3	<0.1	<1	20	9.6	1.9
RHB1051582	Rock	0.019	7.3	31	1.40	577	0.081	4.83	1.866	1.19	0.2	72.2	16	0.9	13.1	2.2	0.1	<1	11	12.8	0.8
RHB1051583	Rock	0.011	22.2	1	0.67	597	0.091	5.87	3.677	1.60	<0.1	129.8	41	1.3	26.6	5.3	0.3	<1	10	24.4	0.6
RHB1051584	Rock	0.021	6.8	32	1.48	477	0.095	4.71	1.514	1.14	0.3	58.1	15	0.9	13.3	2.0	0.1	<1	12	13.2	1.0

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Method		1EX	1EX
Analyte		Rb	Hf
Unit		ppm	ppm
MDL		0.1	0.1
RHB1051561	Rock Pulp	19.3	0.8
RHB1051562	Rock	56.7	1.1
RHB1051563	Rock	69.8	1.3
RHB1051564	Rock	49.0	1.2
RHB1051565	Rock	24.5	0.3
RHB1051566	Rock	24.7	0.4
RHB1051567	Rock	1.7	<0.1
RHB1051568	Rock	2.9	1.8
RHB1051569	Rock	17.0	1.1
RHB1051570	Rock	47.3	2.5
RHB1051571	Rock	57.0	0.1
RHB1051572	Rock	29.8	0.1
RHB1051573	Rock	95.6	0.8
RHB1051574	Rock	44.4	0.9
RHB1051575	Rock	13.2	0.7
RHB1051576	Rock	42.9	1.0
RHB1051577	Rock	32.7	0.7
RHB1051578	Rock	2.9	0.4
RHB1051579	Rock	15.1	0.7
RHB1051580	Rock	69.3	1.9
RHB1051581	Rock	9.9	0.3
RHB1051582	Rock	25.6	2.0
RHB1051583	Rock	28.1	3.8
RHB1051584	Rock	24.2	1.7

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Project: Hudson Bay Mtn
Report Date: August 23, 2011

QUALITY CONTROL REPORT SMI11000188.1

	Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	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																					
RHB1051515	Rock	1.29	1.0	1349	486.2	>10000	23.0	6.6	13.8	1476	38.21	3	0.7	0.3	0.2	<1	1559	5.6	6.9	74	0.18
REP RHB1051515	QC		1.0	1331	472.8	>10000	23.3	6.3	13.7	1451	37.87	<1	0.8	<0.1	0.2	<1	1544	5.9	6.8	74	0.16
REP RHB1051549	QC		0.5	1554	616.4	>10000	50.6	<0.1	47.5	1877	27.22	14	<0.1	1.1	<0.1	2	3446	3.3	97.8	3	<0.01
RHB1051562	Rock	0.77	1.2	153.0	>10000	>10000	91.2	2.5	3.7	3296	7.54	107	1.0	<0.1	2.0	39	96.8	147.4	2.6	15	1.41
REP RHB1051562	QC		1.1	153.0	>10000	>10000	92.8	2.5	3.7	3143	8.01	109	1.0	<0.1	2.1	39	101.4	157.1	2.8	16	1.43
Core Reject Duplicates																					
RHB1051514	Rock	1.15	3.6	914.3	439.7	>10000	27.5	18.9	11.7	1881	34.13	131	2.7	1.2	<0.1	3	2075	8.4	2.9	9	0.60
DUP RHB1051514	QC		3.8	927.7	541.9	>10000	28.9	18.9	11.7	1969	33.94	163	2.8	1.7	<0.1	3	2111	9.5	2.8	8	0.60
RHB1051549	Rock	0.54	0.2	1228	485.6	>10000	35.9	0.6	38.2	1403	21.75	9	<0.1	1.3	<0.1	<1	2592	2.3	75.3	2	<0.01
DUP RHB1051549	QC		0.5	1533	590.8	>10000	51.6	<0.1	46.6	1770	26.38	14	<0.1	2.2	<0.1	2	3285	3.2	99.4	6	<0.01
RHB1051584	Rock	0.46	1.2	>10000	107.6	158	>200	24.5	15.1	>10000	4.82	22	0.7	<0.1	1.6	106	3.7	41.4	<0.1	28	4.86
DUP RHB1051584	QC		0.9	>10000	135.4	163	>200	26.7	18.0	>10000	5.54	26	0.4	<0.1	0.8	121	4.5	56.1	<0.1	46	6.90
Reference Materials																					
STD OREAS24P	Standard		1.4	52.3	4.1	105	<0.1	143.2	45.9	1037	7.28	2	0.7	<0.1	2.8	367	<0.1	0.3	<0.1	150	5.65
STD OREAS24P	Standard		1.4	48.6	2.8	138	<0.1	138.5	45.1	1096	7.14	<1	0.7	<0.1	2.7	374	0.4	0.1	<0.1	157	5.71
STD OREAS24P	Standard		1.5	45.6	2.5	113	0.2	138.1	43.7	1101	7.22	<1	0.6	<0.1	2.7	376	<0.1	<0.1	<0.1	163	5.63
STD OREAS24P	Standard		1.4	48.3	2.1	111	<0.1	135.2	43.2	1028	7.16	<1	0.6	<0.1	2.5	367	0.1	<0.1	<0.1	162	5.31
STD OREAS24P	Standard		1.4	48.9	15.9	153	0.3	141.3	44.6	1091	7.11	6	0.7	<0.1	2.7	379	0.6	0.5	<0.1	154	5.84
STD OREAS24P	Standard		1.4	47.7	14.2	121	0.2	146.4	47.7	1148	7.67	19	0.8	<0.1	3.0	360	0.3	15.6	<0.1	165	5.99
STD OREAS45C	Standard		2.4	625.3	25.4	75	0.3	352.7	103.6	1046	18.16	9	2.2	<0.1	10.6	34	0.1	0.8	0.2	270	0.47
STD OREAS45C	Standard		2.1	605.9	25.6	83	0.3	320.7	99.8	1162	16.95	12	2.1	<0.1	10.1	33	<0.1	0.6	0.2	244	0.47
STD OREAS45C	Standard		2.1	580.1	20.4	71	0.4	311.0	95.5	1100	17.06	10	2.0	<0.1	9.4	32	0.3	0.5	0.2	253	0.45
STD OREAS45C	Standard		2.3	607.1	24.9	85	0.2	339.7	105.1	1187	17.74	11	2.2	<0.1	10.8	38	0.4	1.0	0.2	268	0.50
STD OREAS45C	Standard		2.5	634.8	23.4	81	0.3	337.2	105.1	1226	19.02	12	2.2	<0.1	10.3	38	0.1	0.9	0.2	291	0.53
STD OREAS45C	Standard		2.1	615.6	22.5	77	0.3	344.3	107.3	1134	18.37	12	2.1	<0.1	10.2	37	0.3	0.7	0.2	278	0.49
STD OREAS45C	Standard		2.2	610.0	29.7	93	0.5	335.5	104.4	1167	17.45	14	2.3	<0.1	10.8	35	0.6	0.6	0.3	261	0.46
STD OREAS45C	Standard		2.1	598.5	20.7	65	0.2	312.7	99.7	955	18.39	11	2.0	<0.1	9.8	27	<0.1	0.6	0.2	253	0.47
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

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QUALITY CONTROL REPORT SMI11000188.1

	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	S
	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	0.1
Pulp Duplicates																					
RHB1051515	Rock	0.057	2.1	8	0.92	<1	0.170	1.67	0.001	0.02	1.0	8.6	4	0.8	1.7	0.4	<0.1	<1	17	23.0	>10
REP RHB1051515	QC	0.057	2.1	8	0.92	<1	0.183	1.68	0.001	0.02	1.2	8.6	4	0.8	1.9	0.5	<0.1	<1	17	22.4	>10
REP RHB1051549	QC	0.002	1.4	9	0.02	15	0.007	0.23	0.011	0.06	<0.1	1.4	3	0.2	3.4	0.2	<0.1	<1	<1	0.2	>10
RHB1051562	Rock	0.058	9.6	12	0.83	200	0.285	5.33	0.126	1.71	4.2	38.8	21	4.8	23.9	4.4	0.2	<1	15	20.1	0.9
REP RHB1051562	QC	0.055	9.7	14	0.90	186	0.293	5.18	0.121	1.74	4.7	42.3	22	4.7	24.1	4.7	0.2	<1	16	20.1	0.9
Core Reject Duplicates																					
RHB1051514	Rock	0.246	1.4	7	0.22	<1	0.013	0.32	<0.001	0.01	0.2	4.5	4	0.6	6.8	0.1	<0.1	<1	3	4.1	>10
DUP RHB1051514	QC	0.245	1.4	7	0.23	<1	0.011	0.33	<0.001	0.01	0.3	4.5	4	0.7	6.7	<0.1	<0.1	<1	2	4.2	>10
RHB1051549	Rock	0.002	0.9	13	0.01	11	0.006	0.17	0.008	0.03	0.2	0.7	2	0.1	2.4	0.1	<0.1	<1	<1	0.6	>10
DUP RHB1051549	QC	0.001	1.4	6	0.01	14	0.006	0.23	0.009	0.05	<0.1	2.0	3	0.3	3.5	0.1	<0.1	<1	<1	0.2	>10
RHB1051584	Rock	0.021	6.8	32	1.48	477	0.095	4.71	1.514	1.14	0.3	58.1	15	0.9	13.3	2.0	0.1	<1	12	13.2	1.0
DUP RHB1051584	QC	0.018	5.0	33	1.90	283	0.075	3.52	0.780	0.71	0.3	28.1	11	0.6	10.4	1.0	<0.1	<1	12	10.8	1.4
Reference Materials																					
STD OREAS24P	Standard	0.130	18.2	186	4.04	278	1.074	7.14	2.309	0.58	0.5	132.0	35	1.5	18.8	18.5	1.1	<1	19	8.1	<0.1
STD OREAS24P	Standard	0.123	18.8	190	3.94	283	1.083	7.33	2.433	0.65	0.4	135.5	37	1.5	21.1	18.9	1.1	1	20	8.4	<0.1
STD OREAS24P	Standard	0.132	17.3	188	4.17	271	1.077	7.65	2.642	0.66	1.0	136.3	36	1.5	21.6	19.1	1.1	2	19	8.2	<0.1
STD OREAS24P	Standard	0.127	17.2	189	4.07	258	1.031	7.35	2.495	0.62	0.3	125.6	36	1.6	20.1	18.1	1.0	2	19	7.2	<0.1
STD OREAS24P	Standard	0.129	15.9	187	3.99	239	1.083	7.38	2.394	0.67	0.4	132.7	33	1.5	21.0	18.9	1.0	1	20	8.1	0.1
STD OREAS24P	Standard	0.129	19.6	193	4.15	292	1.061	7.77	2.449	0.66	0.5	133.0	37	1.4	21.0	18.5	1.2	1	20	7.3	<0.1
STD OREAS45C	Standard	0.055	25.8	984	0.23	279	1.187	7.03	0.090	0.33	1.2	170.8	49	2.5	11.6	21.5	1.4	<1	59	16.0	<0.1
STD OREAS45C	Standard	0.050	24.5	941	0.22	250	1.114	6.93	0.098	0.34	1.2	152.6	48	2.6	10.8	19.8	1.4	1	58	16.8	<0.1
STD OREAS45C	Standard	0.045	23.3	902	0.22	255	1.106	6.86	0.091	0.32	1.1	154.8	47	2.5	11.8	20.3	1.3	<1	58	14.0	<0.1
STD OREAS45C	Standard	0.049	27.3	936	0.27	288	1.236	7.31	0.100	0.36	1.0	172.5	52	3.0	12.7	22.3	1.5	<1	62	15.1	<0.1
STD OREAS45C	Standard	0.056	25.1	981	0.26	286	1.177	7.66	0.106	0.36	1.0	168.0	51	2.9	12.2	22.5	1.6	<1	57	18.1	<0.1
STD OREAS45C	Standard	0.050	25.9	955	0.24	279	1.229	7.27	0.101	0.34	1.1	158.5	50	2.7	12.2	22.1	1.5	<1	61	15.8	<0.1
STD OREAS45C	Standard	0.048	23.1	971	0.24	238	1.154	7.12	0.091	0.35	1.0	158.7	46	2.8	11.8	22.0	1.3	1	59	16.6	<0.1
STD OREAS45C	Standard	0.043	24.3	918	0.22	247	1.050	6.38	0.080	0.31	0.8	143.4	45	2.6	10.6	19.2	1.2	1	46	13.3	<0.1
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	

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		Method	1EX	1EX
		Analyte	Rb	Hf
		Unit	ppm	ppm
		MDL	0.1	0.1
Pulp Duplicates				
RHB1051515	Rock		0.5	0.3
REP RHB1051515	QC		0.6	0.3
REP RHB1051549	QC		1.8	<0.1
RHB1051562	Rock		56.7	1.1
REP RHB1051562	QC		55.9	1.1
Core Reject Duplicates				
RHB1051514	Rock		0.3	0.1
DUP RHB1051514	QC		0.2	<0.1
RHB1051549	Rock		0.4	<0.1
DUP RHB1051549	QC		1.8	<0.1
RHB1051584	Rock		24.2	1.7
DUP RHB1051584	QC		16.1	0.8
Reference Materials				
STD OREAS24P	Standard		20.4	3.4
STD OREAS24P	Standard		20.9	3.4
STD OREAS24P	Standard		22.7	3.7
STD OREAS24P	Standard		20.3	3.2
STD OREAS24P	Standard		21.0	3.5
STD OREAS24P	Standard		25.8	3.8
STD OREAS45C	Standard		23.9	4.3
STD OREAS45C	Standard		22.1	3.9
STD OREAS45C	Standard		22.4	3.9
STD OREAS45C	Standard		24.7	4.5
STD OREAS45C	Standard		24.5	4.6
STD OREAS45C	Standard		23.4	4.6
STD OREAS45C	Standard		21.9	4.3
STD OREAS45C	Standard		20.3	3.6
STD OREAS24P Expected			22.4	3.6

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		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	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
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		<0.1	<0.1	3.6	13	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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
Prep Wash																					
G1	Prep Blank		0.3	4.3	31.6	58	<0.1	3.6	4.8	707	2.34	6	2.5	<0.1	7.1	734	0.2	4.5	<0.1	48	2.40
G1	Prep Blank		0.4	5.2	22.9	51	<0.1	3.4	5.2	723	2.41	6	2.7	<0.1	8.2	705	0.1	2.0	<0.1	50	2.33

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		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**
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
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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
Prep Wash																					
G1	Prep Blank	0.075	19.8	6	0.63	1055	0.248	7.74	2.870	3.23	0.2	11.4	41	1.3	12.1	22.8	1.4	3	5	34.3	<0.1
G1	Prep Blank	0.076	24.0	10	0.64	1015	0.264	7.63	2.641	3.25	0.1	10.4	50	1.3	12.9	23.4	1.4	3	5	35.9	<0.1

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Lions Gate Metals**
880-609 Granville St. PO Box 10321, Pacific Centre
Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: August 23, 2011

QUALITY CONTROL REPORT SMI11000188.1

		1EX Rb ppm 0.1	1EX Hf ppm 0.1
STD OREAS45C Expected		24	4.27
BLK	Blank	<0.1	<0.1
BLK	Blank	<0.1	<0.1
BLK	Blank	<0.1	<0.1
BLK	Blank	<0.1	<0.1
BLK	Blank	<0.1	<0.1
BLK	Blank	<0.1	<0.1
Prep Wash			
G1	Prep Blank	116.6	0.7
G1	Prep Blank	118.8	0.6

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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: July 21, 2011
Report Date: November 25, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS SMI11000188.2

CLIENT JOB INFORMATION

Project: Hudson Bay Mountain
Shipment ID: HBM-001
P.O. Number
Number of Samples: 84

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	82	Crush, split and pulverize 250 g rock to 200 mesh			SMI
1EX	84	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
G601	84	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
G612	22	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN
7TD1	46	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
7TD.1	5	4 Acid digestion ICP-ES analysis	0.1	Completed	VAN

ADDITIONAL COMMENTS

Version 2: G601, G601-G612, G613 & 7TD Cu Pb Zn included.

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

CC: Lorie Farrell
A. Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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: Hudson Bay Mountain
Report Date: November 25, 2011

CERTIFICATE OF ANALYSIS SMI11000188.2

Method		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	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
RHB1051501	Rock	0.92	0.8	825.8	574.6	572	39.1	3.9	49.5	180	26.26	>10000	<0.1	3.5	0.2	2	10.5	380.2	103.7	31	<0.01
RHB1051502	Rock	0.74	5.2	732.4	360.2	>10000	21.3	8.4	14.0	>10000	40.12	97	1.3	0.5	0.1	3	983.1	18.5	10.6	<1	0.97
RHB1051503	Rock	1.06	<0.1	722.0	696.0	2307	13.4	2.7	105.9	437	46.58	58	<0.1	<0.1	<0.1	<1	8.6	4.7	60.1	<1	0.06
RHB1051504	Rock	1.14	5.2	772.5	>10000	>10000	>200	14.4	7.1	9647	30.26	4702	1.5	2.1	0.2	4	846.0	748.9	0.4	16	1.23
RHB1051505	Rock	1.54	5.3	989.1	>10000	>10000	>200	3.6	1.9	>10000	13.53	226	1.8	6.6	<0.1	14	1225	308.4	0.4	6	9.75
RHB1051506	Rock	1.56	0.1	1055	>10000	>10000	>200	5.7	4.4	2874	24.75	21	0.4	2.0	<0.1	1	2337	1086	0.2	117	0.30
RHB1051507	Rock	0.89	4.4	372.8	>10000	>10000	>200	14.5	7.0	9357	21.15	2698	1.4	1.5	<0.1	9	1079	1066	0.2	16	1.73
RHB1051508	Rock	1.21	4.8	714.6	>10000	>10000	>200	14.5	24.4	>10000	31.22	734	1.1	0.6	0.1	3	1264	835.3	0.1	11	1.09
RHB1051509	Rock	1.23	1.5	846.6	>10000	>10000	>200	10.8	11.3	5777	21.99	345	1.3	1.2	0.2	4	1900	1055	0.1	21	1.45
RHB1051510	Rock	1.73	12.7	890.5	>10000	>10000	>200	4.5	14.5	2028	29.50	1998	0.8	5.3	0.1	3	977.5	818.7	<0.1	24	0.15
RHB1051511	Rock	1.49	5.8	903.4	1594	>10000	38.7	8.8	5.9	>10000	38.66	76	1.4	0.2	0.3	<1	1282	25.6	10.5	<1	0.98
RHB1051512	Rock	1.04	0.2	1370	445.2	>10000	21.0	4.7	17.6	874	35.47	1	1.0	0.2	0.2	2	1712	5.9	2.0	65	0.13
RHB1051513	Rock	0.84	5.2	910.8	1897	>10000	37.4	30.9	16.7	>10000	33.38	157	1.5	<0.1	0.2	6	1806	24.7	11.6	12	1.04
RHB1051514	Rock	1.15	3.6	914.3	439.7	>10000	27.5	18.9	11.7	1881	34.13	131	2.7	1.2	<0.1	3	2075	8.4	2.9	9	0.60
RHB1051515	Rock	1.29	1.0	1349	486.2	>10000	23.0	6.6	13.8	1476	38.21	3	0.7	0.3	0.2	<1	1559	5.6	6.9	74	0.18
RHB1051516	Rock	0.54	3.6	437.4	2566	5643	43.2	1.0	0.5	860	39.53	1340	0.8	0.2	0.2	4	56.1	34.9	4.5	136	0.18
RHB1051517	Rock	0.80	4.1	168.8	477.1	2683	27.3	1.7	0.3	503	15.00	138	2.8	0.3	0.2	3	16.8	16.2	5.5	56	0.14
RHB1051518	Rock	0.55	34.5	2384	>10000	>10000	>200	8.6	15.3	3004	21.60	>10000	0.2	2.0	0.1	14	180.6	679.5	0.2	111	0.08
RHB1051519	Rock	0.72	1.5	1071	>10000	>10000	>200	14.0	22.9	>10000	9.07	2253	0.6	0.5	0.2	11	154.8	364.1	0.1	181	0.19
RHB1051520	Rock	1.06	1.1	747.2	3712	>10000	49.7	24.5	22.9	>10000	7.75	352	0.4	0.1	0.4	13	224.4	56.6	<0.1	207	0.34
RHB1051521	Rock	0.57	0.2	384.7	257.3	>10000	2.9	55.7	51.2	2898	13.10	12	0.6	<0.1	0.3	290	67.4	1.2	<0.1	402	1.42
RHB1051522	Rock	1.09	1.3	915.7	>10000	>10000	86.1	66.5	55.3	>10000	16.58	805	0.1	0.1	<0.1	5	1526	93.4	0.5	258	0.22
RHB1051523	Rock	0.68	1.6	154.7	69.3	181	5.2	1.3	4.7	636	6.46	143	0.5	<0.1	0.8	4	0.1	36.0	14.0	203	0.05
RHB1051524	Rock	0.66	2.4	350.9	95.3	614	4.1	2.0	10.6	826	9.50	296	0.4	<0.1	0.8	2	5.9	13.9	8.8	143	0.10
RHB1051525	Rock	0.85	0.7	749.6	3082	376	>200	2.2	51.2	256	21.04	>10000	0.2	6.6	0.2	4	7.7	1500	1410	47	0.02
RHB1051526	Rock	0.51	2.1	311.4	5805	3081	118.0	3.8	14.0	>10000	12.71	331	0.4	<0.1	1.1	9	23.2	521.6	14.5	351	0.14
RHB1051527	Rock	0.82	0.4	59.5	46.2	2311	1.9	3.8	2.6	940	7.05	299	0.6	<0.1	1.3	6	25.4	20.1	5.4	56	0.31
RHB1051528	Rock Pulp	0.08	22.3	5051	6334	>10000	67.3	42.7	18.8	526	8.82	261	2.1	0.8	2.3	143	220.1	108.1	25.2	72	1.77
RHB1051529	Rock	0.84	<0.1	2.5	15.6	23	0.4	<0.1	0.5	59	0.11	6	1.3	<0.1	<0.1	4439	0.4	1.0	0.1	<1	35.53
RHB1051530	Rock	0.63	0.5	4.8	20.0	103	0.4	0.8	1.4	1120	2.89	43	1.0	<0.1	2.2	51	0.5	1.5	0.7	7	0.76

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Project: Hudson Bay Mountain
Report Date: November 25, 2011

CERTIFICATE OF ANALYSIS SMI11000188.2

	Method	1EX	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	S
	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	0.1
RHB1051501	Rock	0.010	1.2	5	0.03	<1	0.058	0.70	0.013	0.31	1.8	0.6	3	0.9	0.8	0.3	<0.1	<1	4	8.6	>10
RHB1051502	Rock	0.094	1.7	5	1.33	<1	0.039	0.59	0.005	<0.01	0.9	5.3	4	2.1	6.0	0.3	<0.1	<1	3	7.5	>10
RHB1051503	Rock	<0.001	1.6	2	0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	4	0.1	6.7	<0.1	<0.1	<1	<1	0.1	>10
RHB1051504	Rock	0.116	1.2	8	0.46	3	0.034	0.59	0.002	0.08	1.2	6.8	3	2.4	5.9	0.3	<0.1	<1	3	4.9	>10
RHB1051505	Rock	0.188	14.6	5	3.60	<1	0.021	0.30	<0.001	0.01	0.6	5.2	29	1.7	12.2	0.2	<0.1	<1	2	3.8	>10
RHB1051506	Rock	0.032	0.4	6	0.49	<1	0.067	0.76	<0.001	<0.01	1.7	4.2	1	3.3	2.6	0.2	<0.1	<1	4	6.7	>10
RHB1051507	Rock	0.136	3.1	6	0.40	3	0.018	0.52	<0.001	0.04	0.4	4.9	6	4.4	5.9	0.1	<0.1	<1	3	6.2	>10
RHB1051508	Rock	0.119	1.2	6	0.49	<1	0.028	0.49	<0.001	0.02	0.6	4.8	3	2.8	5.3	0.2	<0.1	<1	2	6.1	>10
RHB1051509	Rock	0.061	1.3	7	0.63	<1	0.028	0.79	0.002	0.03	0.3	9.5	4	3.7	5.0	0.2	<0.1	<1	3	9.6	>10
RHB1051510	Rock	0.036	0.4	8	0.35	3	0.037	0.74	0.004	0.08	0.7	5.4	2	3.0	2.7	0.2	<0.1	<1	4	7.1	>10
RHB1051511	Rock	0.091	1.5	11	1.60	<1	0.062	0.97	0.010	<0.01	2.1	12.8	4	2.6	6.6	0.5	<0.1	<1	4	10.3	>10
RHB1051512	Rock	0.049	0.5	6	0.41	23	0.114	1.45	0.007	0.24	1.2	10.3	1	2.9	2.0	0.4	<0.1	<1	11	12.1	>10
RHB1051513	Rock	0.247	2.4	9	0.38	12	0.030	0.63	0.003	0.12	0.6	8.9	4	1.2	3.6	0.3	<0.1	<1	2	3.9	>10
RHB1051514	Rock	0.246	1.4	7	0.22	<1	0.013	0.32	<0.001	0.01	0.2	4.5	4	0.6	6.8	0.1	<0.1	<1	3	4.1	>10
RHB1051515	Rock	0.057	2.1	8	0.92	<1	0.170	1.67	0.001	0.02	1.0	8.6	4	0.8	1.7	0.4	<0.1	<1	17	23.0	>10
RHB1051516	Rock	0.174	0.3	11	0.29	8	0.053	0.75	0.003	0.06	0.8	8.3	<1	1.2	1.4	0.2	<0.1	<1	5	7.3	0.4
RHB1051517	Rock	0.118	0.6	11	0.36	3	0.072	0.66	0.007	0.05	0.6	17.2	1	0.7	2.8	0.4	<0.1	<1	3	13.7	0.6
RHB1051518	Rock	0.020	2.0	71	0.13	55	0.133	2.76	0.013	0.20	1.8	3.4	4	2.7	3.9	0.2	<0.1	<1	13	43.4	2.8
RHB1051519	Rock	0.043	1.3	142	0.32	258	0.350	6.13	0.033	2.46	2.5	10.7	4	5.2	6.7	0.4	<0.1	<1	26	19.9	2.1
RHB1051520	Rock	0.058	2.8	146	0.34	375	0.430	7.59	0.033	3.09	3.0	10.2	7	3.7	13.1	0.8	<0.1	<1	37	31.4	0.7
RHB1051521	Rock	0.046	2.8	176	2.65	1020	0.466	7.87	2.992	0.79	0.2	18.5	7	0.3	14.3	0.7	<0.1	<1	42	44.6	<0.1
RHB1051522	Rock	0.028	1.8	170	2.59	52	0.268	6.17	0.016	1.09	6.0	2.7	5	3.7	11.2	0.3	<0.1	<1	29	45.5	4.1
RHB1051523	Rock	0.079	4.3	6	0.60	226	0.496	6.85	0.086	3.10	19.1	6.6	9	4.3	6.1	2.0	0.1	<1	29	17.5	0.8
RHB1051524	Rock	0.065	5.5	7	1.08	20	0.389	6.08	0.059	2.42	11.3	5.6	13	3.6	7.7	1.9	<0.1	<1	22	26.3	2.8
RHB1051525	Rock	0.054	1.4	5	0.19	13	0.162	1.96	0.033	0.94	2.2	1.7	4	1.1	1.4	0.7	<0.1	<1	9	6.5	>10
RHB1051526	Rock	0.089	4.9	13	0.90	107	0.620	7.04	0.051	2.92	14.0	4.6	12	6.2	7.6	1.5	<0.1	1	39	15.7	1.3
RHB1051527	Rock	0.133	6.8	10	1.46	351	0.449	7.02	0.104	2.37	4.1	16.5	20	6.2	7.4	3.4	0.2	<1	21	26.4	1.1
RHB1051528	Rock Pulp	0.056	10.9	29	0.86	11	0.178	3.70	1.187	0.72	1.4	26.2	22	48.0	9.9	4.1	0.2	<1	7	11.4	9.0
RHB1051529	Rock	0.005	0.4	<1	1.90	5	0.003	0.11	0.002	0.02	<0.1	0.4	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.6	<0.1
RHB1051530	Rock	0.061	16.0	7	0.47	133	0.393	6.56	4.635	0.71	0.4	66.0	34	1.1	32.4	5.1	0.2	<1	15	7.8	<0.1

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	Method	1EX	1EX	G6	G6Gr	G6Gr	7TD	7TD	7TD	7TD.1
	Analyte	Rb	Hf	Au	Ag	Au	Cu	Pb	Zn	Pb
	Unit	ppm	ppm	gm/t	gm/t	gm/t	%	%	%	%
	MDL	0.1	0.1	0.005	50	0.9	0.001	0.02	0.01	0.02
RHB1051501	Rock	8.4	<0.1	3.626	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051502	Rock	0.4	0.2	0.420	N.A.	N.A.	0.062	0.03	6.28	
RHB1051503	Rock	<0.1	<0.1	0.281	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051504	Rock	1.8	0.2	2.689	652	N.A.	0.071	7.27	6.58	
RHB1051505	Rock	0.5	0.2	4.633	322	N.A.	0.101	3.85	11.15	
RHB1051506	Rock	0.2	0.2	4.945	1104	N.A.	0.096	>10	17.08	12.96
RHB1051507	Rock	1.1	0.2	2.556	1123	N.A.	0.038	>10	9.29	16.40
RHB1051508	Rock	0.5	0.2	2.192	864	N.A.	0.065	8.93	9.80	
RHB1051509	Rock	0.6	0.3	5.374	1009	N.A.	0.080	>10	13.84	11.52
RHB1051510	Rock	2.1	0.2	1.779	820	N.A.	0.086	8.74	7.68	
RHB1051511	Rock	0.3	0.5	0.433	N.A.	N.A.	0.075	0.13	7.70	
RHB1051512	Rock	7.1	0.4	1.317	N.A.	N.A.	0.125	0.03	11.43	
RHB1051513	Rock	2.8	0.3	0.127	N.A.	N.A.	0.080	0.16	14.24	
RHB1051514	Rock	0.3	0.1	1.578	N.A.	N.A.	0.084	0.03	14.72	
RHB1051515	Rock	0.5	0.3	1.923	N.A.	N.A.	0.118	0.03	10.41	
RHB1051516	Rock	1.9	0.2	0.281	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051517	Rock	1.5	0.4	0.245	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051518	Rock	5.4	0.1	2.643	685	N.A.	0.242	8.45	2.40	
RHB1051519	Rock	72.3	0.4	1.418	431	N.A.	0.109	5.54	1.84	
RHB1051520	Rock	91.0	0.4	0.151	N.A.	N.A.	0.079	0.39	2.45	
RHB1051521	Rock	19.0	0.6	<0.005	N.A.	N.A.	0.040	0.02	0.93	
RHB1051522	Rock	29.0	0.1	0.124	N.A.	N.A.	0.093	1.30	17.35	
RHB1051523	Rock	88.8	0.3	0.010	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051524	Rock	72.7	0.2	0.039	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051525	Rock	23.9	<0.1	5.884	191	N.A.	N.A.	N.A.	N.A.	
RHB1051526	Rock	96.3	0.3	0.065	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051527	Rock	66.9	0.8	0.029	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051528	Rock Pulp	19.7	0.9	0.764	N.A.	N.A.	0.522	0.63	4.07	
RHB1051529	Rock	0.6	<0.1	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051530	Rock	9.6	2.6	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	

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

Project: Hudson Bay Mountain
Report Date: November 25, 2011

CERTIFICATE OF ANALYSIS SMI11000188.2

	Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	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
RHB1051531	Rock	1.53	0.4	4.6	20.4	112	0.2	0.4	1.4	1341	2.80	7	1.0	<0.1	2.4	121	0.5	0.9	0.1	8	0.88
RHB1051532	Rock	0.94	0.8	27.6	1104	1820	11.3	2.4	4.0	7381	4.90	77	0.7	<0.1	1.7	6	7.8	11.1	0.3	16	0.21
RHB1051533	Rock	1.09	0.4	17.3	561.1	732	7.7	2.6	2.8	4512	4.19	95	0.6	<0.1	1.9	29	5.2	6.7	<0.1	22	0.44
RHB1051534	Rock	1.21	0.7	9.3	79.2	347	2.6	2.4	3.6	2092	4.27	60	0.8	<0.1	1.9	40	1.1	3.6	0.1	21	0.11
RHB1051535	Rock	0.69	1.5	67.8	1222	2648	80.2	1.8	2.2	1957	3.11	265	0.6	0.3	1.5	9	11.7	25.4	<0.1	34	0.07
RHB1051536	Rock	0.85	0.4	5.9	171.7	966	2.8	2.9	5.5	2070	4.23	24	0.7	<0.1	1.7	82	4.2	3.7	0.3	41	0.45
RHB1051537	Rock	0.57	1.5	320.8	5710	1751	>200	1.5	7.0	4547	3.52	212	0.6	0.1	1.3	18	6.0	86.5	0.5	22	0.04
RHB1051538	Rock	0.57	0.7	463.3	>10000	3102	>200	1.6	4.7	3511	3.07	272	0.6	0.1	1.4	8	16.3	62.6	0.5	18	0.07
RHB1051539	Rock	1.26	2.5	>10000	>10000	>10000	>200	8.9	22.0	>10000	4.77	51	0.1	3.1	0.2	5	1864	1904	0.5	31	0.09
RHB1051540	Rock	0.83	2.4	695.5	1419	4477	75.6	5.1	5.2	3902	2.26	31	0.5	<0.1	1.3	15	29.6	29.5	0.7	29	0.94
RHB1051541	Rock	0.91	2.6	96.9	581.1	1283	21.2	0.7	0.5	163	3.11	249	0.4	<0.1	1.5	13	4.3	16.8	0.4	7	0.02
RHB1051542	Rock	0.66	0.6	53.7	190.1	4991	1.0	0.7	2.5	5302	3.07	31	0.4	<0.1	1.4	18	26.9	15.6	0.1	5	0.04
RHB1051543	Rock	0.57	1.0	145.2	42.0	8827	2.3	1.4	2.5	>10000	5.72	19	0.3	<0.1	0.9	15	79.4	23.5	0.2	<1	0.03
RHB1051544	Rock	0.87	0.9	9.2	13.7	41	0.5	0.4	1.4	267	1.12	10	1.9	<0.1	10.9	173	<0.1	2.8	<0.1	6	0.38
RHB1051545	Rock	1.38	0.2	>10000	179.6	146	9.3	46.1	27.9	2482	7.99	39	0.2	0.4	0.4	288	18.2	6.1	1.9	139	17.65
RHB1051546	Rock	2.33	0.2	13.6	15.3	43	<0.1	4.0	6.2	1064	4.64	22	0.5	<0.1	1.0	197	<0.1	4.2	0.2	51	4.29
RHB1051547	Rock	1.00	0.9	41.0	3.9	44	<0.1	7.3	8.7	511	4.13	9	0.5	<0.1	1.6	185	0.1	0.4	<0.1	52	2.43
RHB1051548	Rock	0.45	0.1	1006	206.3	>10000	7.6	<0.1	49.2	2273	18.66	19	<0.1	1.4	<0.1	<1	3109	2.5	44.6	2	0.01
RHB1051549	Rock	0.54	0.2	1228	485.6	>10000	35.9	0.6	38.2	1403	21.75	9	<0.1	1.3	<0.1	<1	2592	2.3	75.3	2	<0.01
RHB1051550	Rock	0.88	2.5	22.0	35.2	856	0.4	0.6	5.9	2136	7.37	12	1.3	<0.1	1.9	83	10.7	8.5	0.4	88	2.04
RHB1051551	Rock	0.25	1.1	1138	695.7	>10000	32.0	2.5	59.8	1254	29.62	36	0.2	0.9	0.3	16	955.8	10.7	60.1	29	0.63
RHB1051552	Rock	0.54	1.3	191.7	140.4	916	1.8	0.2	3.0	2316	5.41	3	0.7	0.5	1.8	37	12.2	7.8	3.0	71	1.30
RHB1051553	Rock	0.39	1.2	1479	858.7	>10000	30.7	2.4	69.5	1333	31.09	47	0.1	0.4	0.4	6	1324	7.7	61.4	13	0.14
RHB1051554	Rock	0.51	0.5	1469	2620	>10000	90.5	1.7	57.6	1456	25.30	59	0.3	3.8	0.7	18	927.4	12.8	176.9	21	0.54
RHB1051555	Rock	0.66	1.4	87.7	26.6	2664	1.1	1.0	3.7	899	4.83	50	0.7	<0.1	1.9	42	22.8	9.6	1.5	29	0.83
RHB1051556	Rock	0.95	0.6	1726	42.6	>10000	11.7	1.4	60.1	1318	24.53	12	0.3	<0.1	0.4	20	1011	6.3	7.4	23	0.32
RHB1051557	Rock	0.56	0.7	85.1	8.1	1631	1.5	0.4	0.7	105	1.96	16	1.1	<0.1	3.1	3	17.4	5.1	1.3	4	0.03
RHB1051558	Rock	1.11	0.4	652.1	296.7	>10000	7.7	0.8	8.7	547	4.14	3	0.6	<0.1	1.5	3	488.0	8.9	6.9	3	0.04
RHB1051559	Rock	0.55	0.4	113.0	42.5	8369	1.3	0.5	3.5	336	3.91	8	0.5	<0.1	2.0	4	95.0	11.6	1.5	5	0.14
RHB1051560	Rock	1.01	0.1	1.3	0.9	67	<0.1	<0.1	0.5	27	0.06	<1	1.2	<0.1	<0.1	3938	0.4	<0.1	<0.1	<1	35.48

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CERTIFICATE OF ANALYSIS SMI11000188.2

	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	S
	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	0.1
RHB1051531	Rock	0.057	16.9	4	0.59	31	0.377	6.51	4.955	0.11	0.5	62.3	35	1.1	32.5	4.8	0.3	1	14	9.6	<0.1
RHB1051532	Rock	0.073	11.2	6	0.31	217	0.403	6.42	0.084	2.96	0.7	37.7	25	1.1	16.7	4.1	0.2	<1	16	18.8	1.5
RHB1051533	Rock	0.066	11.1	9	0.40	253	0.411	6.74	1.672	2.49	0.9	33.9	24	7.6	10.9	4.3	0.3	1	15	9.2	1.5
RHB1051534	Rock	0.074	11.1	10	0.19	240	0.449	7.00	3.264	1.96	0.5	42.6	25	0.6	13.4	4.7	0.2	<1	16	7.6	<0.1
RHB1051535	Rock	0.056	21.4	8	0.22	355	0.410	6.45	0.078	3.33	1.8	32.0	45	3.4	8.5	3.9	0.2	<1	14	11.2	0.9
RHB1051536	Rock	0.094	17.7	11	0.74	569	0.430	7.42	3.972	1.93	0.6	35.6	36	2.0	21.0	4.1	0.2	2	18	21.1	0.3
RHB1051537	Rock	0.069	17.1	5	0.16	369	0.315	5.74	0.077	2.57	1.0	35.0	34	1.5	6.8	3.6	0.2	<1	12	16.6	0.4
RHB1051538	Rock	0.052	12.5	4	0.18	248	0.300	5.59	0.069	2.67	1.2	38.1	25	2.0	9.1	3.5	0.2	<1	11	20.0	1.2
RHB1051539	Rock	0.012	2.5	15	0.27	23	0.104	2.38	0.013	1.09	0.2	7.1	6	0.5	4.8	0.5	<0.1	<1	8	14.6	>10
RHB1051540	Rock	0.066	17.5	6	0.57	183	0.382	6.77	0.106	3.34	1.2	33.6	36	0.6	14.1	4.3	0.2	<1	16	17.2	0.5
RHB1051541	Rock	0.030	10.9	4	0.14	298	0.227	5.64	0.090	2.66	2.2	28.2	23	1.6	6.1	3.5	0.2	<1	9	14.0	0.3
RHB1051542	Rock	0.040	18.0	2	0.15	322	0.195	6.07	0.072	2.98	1.1	27.3	38	1.1	7.3	2.9	0.2	<1	11	10.9	<0.1
RHB1051543	Rock	0.031	10.2	3	0.10	179	0.141	4.39	0.052	1.97	0.6	17.3	19	0.7	7.9	2.1	0.1	<1	9	16.2	0.1
RHB1051544	Rock	0.027	26.5	4	0.14	876	0.076	6.34	3.486	3.24	1.2	29.6	45	0.7	12.3	11.5	1.0	2	2	9.2	<0.1
RHB1051545	Rock	0.071	3.7	284	1.76	9	0.395	6.70	0.042	0.03	0.3	14.0	8	0.6	12.9	1.1	<0.1	<1	26	2.1	0.7
RHB1051546	Rock	0.115	8.4	25	0.39	150	0.430	6.70	1.166	0.34	0.5	10.1	18	0.8	29.4	2.1	0.1	<1	23	17.6	<0.1
RHB1051547	Rock	0.047	9.9	96	1.49	454	0.428	6.93	2.247	1.05	0.4	38.7	30	1.2	34.2	3.6	0.2	<1	19	34.1	0.8
RHB1051548	Rock	<0.001	1.2	<1	<0.01	20	0.006	0.15	0.007	0.05	<0.1	0.6	3	0.2	3.6	0.1	<0.1	<1	<1	0.9	>10
RHB1051549	Rock	0.002	0.9	13	0.01	11	0.006	0.17	0.008	0.03	0.2	0.7	2	0.1	2.4	0.1	<0.1	<1	<1	0.6	>10
RHB1051550	Rock	0.097	12.7	3	1.10	401	0.535	6.39	1.346	1.22	1.9	39.9	28	1.8	38.1	3.9	0.2	<1	20	41.6	0.2
RHB1051551	Rock	0.015	5.5	16	0.24	4	0.131	2.16	0.231	0.84	0.6	3.6	13	1.3	9.8	1.0	<0.1	<1	8	11.0	>10
RHB1051552	Rock	0.143	18.4	2	0.84	729	0.604	7.64	0.467	3.86	4.6	32.7	40	8.1	35.7	5.5	0.2	2	25	30.4	0.5
RHB1051553	Rock	0.008	2.7	14	0.15	2	0.065	1.47	0.077	0.76	0.5	5.3	7	0.8	5.9	0.8	<0.1	<1	4	9.1	>10
RHB1051554	Rock	0.020	3.8	4	0.32	9	0.136	2.92	0.200	1.40	0.8	6.9	10	1.7	14.6	1.9	0.1	<1	7	27.3	>10
RHB1051555	Rock	0.045	10.6	27	0.60	216	0.241	6.37	0.471	3.26	1.3	28.9	24	3.2	31.2	4.4	0.3	1	13	22.8	1.0
RHB1051556	Rock	0.016	1.5	3	0.30	6	0.148	3.24	0.232	2.30	0.6	6.0	6	0.9	10.1	1.8	0.1	<1	7	24.2	9.4
RHB1051557	Rock	0.011	17.5	22	0.12	760	0.134	6.01	0.042	3.20	1.8	68.8	37	2.9	18.7	4.7	0.3	<1	9	10.6	0.5
RHB1051558	Rock	0.007	2.7	6	0.24	24	0.081	4.46	0.026	2.08	1.2	34.3	7	2.0	11.6	2.7	0.1	<1	5	9.4	3.7
RHB1051559	Rock	0.047	27.1	14	0.31	488	0.268	7.08	0.029	3.65	6.1	33.0	58	1.9	26.3	5.9	0.2	<1	16	12.6	1.3
RHB1051560	Rock	0.004	0.5	5	1.65	7	<0.001	0.05	0.002	<0.01	<0.1	0.6	<1	<0.1	0.3	<0.1	<0.1	<1	<1	0.8	<0.1

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	Method	1EX	1EX	G6	G6Gr	G6Gr	7TD	7TD	7TD	7TD.1
	Analyte	Rb	Hf	Au	Ag	Au	Cu	Pb	Zn	Pb
	Unit	ppm	ppm	gm/t	gm/t	gm/t	%	%	%	%
	MDL	0.1	0.1	0.005	50	0.9	0.001	0.02	0.01	0.02
RHB1051531	Rock	2.3	2.1	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051532	Rock	111.7	1.2	0.035	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051533	Rock	92.9	1.1	0.025	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051534	Rock	59.8	1.4	0.007	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051535	Rock	126.9	1.0	0.277	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051536	Rock	43.6	1.2	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051537	Rock	93.3	1.3	0.090	234	N.A.	N.A.	N.A.	N.A.	
RHB1051538	Rock	97.7	1.2	0.094	591	N.A.	0.046	2.74	0.27	
RHB1051539	Rock	33.3	0.2	2.863	7058	N.A.	1.695	1.80	27.53	
RHB1051540	Rock	108.0	1.2	0.017	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051541	Rock	99.9	0.8	0.073	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051542	Rock	94.9	0.8	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051543	Rock	59.7	0.5	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051544	Rock	91.9	1.2	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051545	Rock	0.7	0.6	0.041	N.A.	N.A.	1.102	<0.02	<0.01	
RHB1051546	Rock	14.6	0.3	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051547	Rock	41.3	1.6	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051548	Rock	0.7	<0.1	1.092	N.A.	N.A.	0.119	0.02	36.06	
RHB1051549	Rock	0.4	<0.1	2.208	N.A.	N.A.	0.165	0.06	33.32	
RHB1051550	Rock	38.4	1.4	0.006	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051551	Rock	29.1	0.1	1.572	N.A.	N.A.	0.113	0.06	9.81	
RHB1051552	Rock	130.8	0.9	0.955	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051553	Rock	19.7	0.2	0.945	N.A.	N.A.	0.144	0.08	13.23	
RHB1051554	Rock	34.6	0.2	3.511	N.A.	N.A.	0.145	0.24	9.64	
RHB1051555	Rock	100.1	0.9	0.038	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051556	Rock	47.5	0.2	0.425	N.A.	N.A.	0.171	<0.02	10.23	
RHB1051557	Rock	77.3	1.9	0.024	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051558	Rock	53.8	1.0	0.200	N.A.	N.A.	0.064	0.02	5.32	
RHB1051559	Rock	93.8	1.0	0.006	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051560	Rock	0.3	<0.1	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	

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Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	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
RHB1051561	Rock Pulp	0.07	20.7	4981	5985	>10000	63.6	43.2	18.0	508	8.24	370	2.0	0.9	1.9	91	208.6	95.2	23.2	65	1.76
RHB1051562	Rock	0.77	1.2	153.0	>10000	>10000	91.2	2.5	3.7	3296	7.54	107	1.0	<0.1	2.0	39	96.8	147.4	2.6	15	1.41
RHB1051563	Rock	1.01	1.2	107.1	>10000	>10000	59.6	3.9	5.6	3200	7.08	82	0.9	<0.1	2.1	54	256.6	95.1	2.2	13	1.35
RHB1051564	Rock	0.78	1.5	45.6	238.6	573	0.7	0.7	4.5	1964	5.06	58	1.5	<0.1	3.6	157	8.9	32.0	<0.1	8	0.78
RHB1051565	Rock	1.07	1.3	813.8	>10000	>10000	85.2	27.9	33.1	3232	24.83	245	0.4	<0.1	0.9	4	209.2	105.4	2.9	65	0.16
RHB1051566	Rock	0.51	3.1	497.9	9133	>10000	54.5	2.2	19.4	1485	10.03	4480	0.4	0.4	1.1	4	1660	87.5	1.6	16	0.08
RHB1051567	Rock	0.36	0.7	414.0	>10000	>10000	>200	1.5	8.9	2262	15.59	204	<0.1	0.1	<0.1	<1	3081	534.5	4.2	<1	0.01
RHB1051568	Rock	0.64	5.5	23.7	25.4	231	0.3	0.7	7.2	435	3.32	34	0.6	<0.1	1.1	97	2.6	2.8	0.6	196	0.70
RHB1051569	Rock	1.03	21.4	79.2	1317	2934	5.3	0.6	9.8	207	5.29	48	0.6	<0.1	1.3	73	25.1	6.6	1.8	212	0.44
RHB1051570	Rock	0.60	0.5	186.9	12.3	117	0.4	0.8	6.2	844	4.75	7	1.1	<0.1	2.4	37	0.4	0.8	0.1	41	0.47
RHB1051571	Rock	0.59	0.5	1815	2269	>10000	49.5	33.3	50.9	5285	12.33	>10000	0.1	11.1	0.2	9	198.0	43.9	41.3	246	0.10
RHB1051572	Rock	0.75	2.6	2335	1921	>10000	59.1	41.8	88.7	2029	12.38	>10000	<0.1	19.5	<0.1	6	154.6	83.1	17.3	116	0.05
RHB1051573	Rock	0.63	0.5	4263	1033	>10000	63.2	23.0	8.6	>10000	8.38	72	1.3	0.3	0.4	8	142.7	29.3	1.5	230	0.04
RHB1051574	Rock	0.67	3.1	2594	8398	2389	113.9	10.4	13.5	6590	3.63	83	2.1	0.2	0.5	7	6.3	65.1	2.1	101	0.13
RHB1051575	Rock	1.01	3.4	9365	>10000	9819	>200	7.4	5.0	2281	5.51	131	1.1	0.5	0.5	6	62.5	57.7	1.2	57	0.03
RHB1051576	Rock	0.79	7.1	1802	>10000	1258	>200	7.5	7.9	326	2.60	198	1.6	5.3	0.7	10	6.8	321.4	6.7	80	0.03
RHB1051577	Rock	0.81	1.2	4634	158.7	1408	>200	6.6	7.5	728	1.25	15	1.0	<0.1	0.5	12	12.7	728.5	0.3	36	0.30
RHB1051578	Rock	1.07	2.5	2761	>10000	>10000	150.5	25.4	37.8	>10000	9.49	7	0.3	5.0	0.3	9	740.3	123.0	0.1	105	0.17
RHB1051579	Rock	0.96	2.8	2012	>10000	>10000	>200	7.5	19.6	>10000	10.22	38	2.2	1.0	0.4	8	149.1	310.4	0.7	34	0.07
RHB1051580	Rock	0.74	0.3	1957	>10000	8123	58.6	3.7	6.0	>10000	5.53	13	0.5	0.1	1.3	8	69.8	62.3	<0.1	35	0.09
RHB1051581	Rock	0.49	2.7	>10000	489.7	268	>200	38.9	21.0	>10000	9.55	117	0.1	<0.1	0.1	241	31.6	690.3	<0.1	79	14.66
RHB1051582	Rock	0.80	0.7	>10000	145.1	187	156.2	22.9	15.4	>10000	4.40	25	1.0	<0.1	2.1	95	3.0	29.2	<0.1	36	4.26
RHB1051583	Rock	0.74	9.9	310.1	85.8	71	1.7	0.1	0.9	1453	3.00	36	1.5	<0.1	3.5	66	0.3	3.5	<0.1	<1	2.44
RHB1051584	Rock	0.46	1.2	>10000	107.6	158	>200	24.5	15.1	>10000	4.82	22	0.7	<0.1	1.6	106	3.7	41.4	<0.1	28	4.86

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Project: Hudson Bay Mountain
Report Date: November 25, 2011

CERTIFICATE OF ANALYSIS SMI11000188.2

	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	S
	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	0.1
RHB1051561	Rock Pulp	0.048	8.6	27	0.84	10	0.162	3.61	1.171	0.68	1.1	26.6	20	45.0	9.1	3.8	0.2	<1	7	11.5	9.3
RHB1051562	Rock	0.058	9.6	12	0.83	200	0.285	5.33	0.126	1.71	4.2	38.8	21	4.8	23.9	4.4	0.2	<1	15	20.1	0.9
RHB1051563	Rock	0.060	11.3	39	0.81	83	0.303	5.92	0.167	2.29	5.0	42.9	26	4.6	27.4	4.8	0.3	<1	16	17.8	1.5
RHB1051564	Rock	0.082	20.5	2	0.30	400	0.410	7.24	3.568	2.72	0.9	46.9	45	2.1	41.1	6.7	0.4	2	21	8.3	0.8
RHB1051565	Rock	0.043	7.3	81	0.53	7	0.184	4.51	0.018	0.94	2.6	8.8	19	3.7	15.3	1.6	0.1	<1	16	62.3	>10
RHB1051566	Rock	0.032	6.3	17	0.20	24	0.113	2.99	0.019	0.99	2.8	14.3	14	1.4	10.6	1.5	0.1	<1	8	17.7	6.9
RHB1051567	Rock	0.004	1.7	19	0.07	14	0.015	0.36	0.003	0.08	0.1	1.0	4	4.7	2.0	0.1	<0.1	<1	1	2.1	>10
RHB1051568	Rock	0.117	2.2	<1	1.30	243	0.782	9.30	5.309	0.36	0.4	57.7	7	1.5	14.9	4.4	0.3	<1	41	22.0	0.7
RHB1051569	Rock	0.061	5.1	17	0.82	41	0.698	6.01	3.295	0.99	0.3	28.9	14	1.8	15.5	3.3	0.2	<1	23	12.6	3.5
RHB1051570	Rock	0.122	5.1	3	0.96	729	0.454	6.39	2.613	2.96	0.7	78.9	13	0.9	19.0	4.7	0.3	<1	17	16.2	0.6
RHB1051571	Rock	0.049	2.5	154	1.35	52	0.280	6.95	0.030	2.02	4.6	7.3	5	3.3	7.8	0.4	<0.1	<1	35	24.6	3.5
RHB1051572	Rock	0.020	0.9	62	0.57	26	0.116	3.60	0.023	1.10	3.9	4.0	2	2.8	3.8	0.2	<0.1	<1	17	13.2	6.7
RHB1051573	Rock	0.021	3.8	161	0.69	401	0.359	7.12	0.027	3.09	1.7	26.0	7	0.9	3.3	1.0	<0.1	<1	32	24.4	<0.1
RHB1051574	Rock	0.096	3.9	17	0.21	238	0.285	4.86	0.033	1.78	0.9	31.4	7	1.0	6.7	1.3	<0.1	<1	14	21.0	0.2
RHB1051575	Rock	0.020	4.6	50	0.19	80	0.129	2.11	0.014	0.47	0.3	25.3	8	1.2	4.8	0.8	<0.1	<1	10	30.6	1.3
RHB1051576	Rock	0.035	10.0	95	0.09	237	0.240	3.80	0.025	1.71	0.4	32.2	18	1.1	5.3	1.3	<0.1	<1	9	14.5	1.1
RHB1051577	Rock	0.122	2.8	35	0.15	146	0.129	2.94	0.024	1.27	0.3	24.1	5	1.0	6.9	0.9	<0.1	<1	6	19.7	0.3
RHB1051578	Rock	0.041	1.6	137	1.36	57	0.140	3.44	0.009	0.11	0.1	15.3	3	1.2	4.0	0.5	<0.1	<1	15	32.3	3.8
RHB1051579	Rock	0.057	2.4	9	0.52	110	0.127	2.30	0.008	0.54	0.7	20.6	5	0.6	8.9	0.7	<0.1	<1	8	11.8	1.7
RHB1051580	Rock	0.019	9.8	5	0.45	272	0.226	5.53	0.037	1.90	1.1	53.3	24	1.1	17.5	2.9	0.2	<1	13	12.9	0.5
RHB1051581	Rock	0.026	6.8	67	1.91	229	0.091	1.91	0.018	0.35	0.7	3.4	13	0.7	13.0	0.3	<0.1	<1	20	9.6	1.9
RHB1051582	Rock	0.019	7.3	31	1.40	577	0.081	4.83	1.866	1.19	0.2	72.2	16	0.9	13.1	2.2	0.1	<1	11	12.8	0.8
RHB1051583	Rock	0.011	22.2	1	0.67	597	0.091	5.87	3.677	1.60	<0.1	129.8	41	1.3	26.6	5.3	0.3	<1	10	24.4	0.6
RHB1051584	Rock	0.021	6.8	32	1.48	477	0.095	4.71	1.514	1.14	0.3	58.1	15	0.9	13.3	2.0	0.1	<1	12	13.2	1.0

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CERTIFICATE OF ANALYSIS SMI11000188.2

Method		1EX	1EX	G6	G6Gr	G6Gr	7TD	7TD	7TD	7TD.1
Analyte		Rb	Hf	Au	Ag	Au	Cu	Pb	Zn	Pb
Unit		ppm	ppm	gm/t	gm/t	gm/t	%	%	%	%
MDL		0.1	0.1	0.005	50	0.9	0.001	0.02	0.01	0.02
RHB1051561	Rock Pulp	19.3	0.8	0.910	N.A.	N.A.	0.520	0.62	4.02	
RHB1051562	Rock	56.7	1.1	0.064	N.A.	N.A.	0.015	1.36	0.92	
RHB1051563	Rock	69.8	1.3	0.044	N.A.	N.A.	0.011	1.24	2.47	
RHB1051564	Rock	49.0	1.2	0.006	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051565	Rock	24.5	0.3	0.092	N.A.	N.A.	0.079	1.91	2.51	
RHB1051566	Rock	24.7	0.4	0.372	N.A.	N.A.	0.048	0.92	17.92	
RHB1051567	Rock	1.7	<0.1	<0.005	498	N.A.	0.040	>10	32.22	14.31
RHB1051568	Rock	2.9	1.8	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051569	Rock	17.0	1.1	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051570	Rock	47.3	2.5	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051571	Rock	57.0	0.1	>10	N.A.	23.9	0.183	0.23	2.64	
RHB1051572	Rock	29.8	0.1	>10	N.A.	10.5	0.238	0.19	2.02	
RHB1051573	Rock	95.6	0.8	0.253	N.A.	N.A.	0.440	0.11	1.78	
RHB1051574	Rock	44.4	0.9	0.303	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051575	Rock	13.2	0.7	0.869	229	N.A.	0.918	1.19	1.03	
RHB1051576	Rock	42.9	1.0	4.146	603	N.A.	0.176	5.90	0.11	
RHB1051577	Rock	32.7	0.7	0.070	729	N.A.	N.A.	N.A.	N.A.	
RHB1051578	Rock	2.9	0.4	6.747	N.A.	N.A.	0.272	5.00	8.02	
RHB1051579	Rock	15.1	0.7	1.418	391	N.A.	0.201	>10	1.65	11.10
RHB1051580	Rock	69.3	1.9	0.100	N.A.	N.A.	0.205	1.75	0.79	
RHB1051581	Rock	9.9	0.3	0.148	358	N.A.	7.968	0.05	0.03	
RHB1051582	Rock	25.6	2.0	0.032	N.A.	N.A.	3.208	<0.02	0.02	
RHB1051583	Rock	28.1	3.8	<0.005	N.A.	N.A.	N.A.	N.A.	N.A.	
RHB1051584	Rock	24.2	1.7	0.010	203	N.A.	4.518	<0.02	0.02	

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QUALITY CONTROL REPORT SMI11000188.2

	Method	WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	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																					
RHB1051509	Rock	1.23	1.5	846.6	>10000	>10000	>200	10.8	11.3	5777	21.99	345	1.3	1.2	0.2	4	1900	1055	0.1	21	1.45
REP RHB1051509	QC																				
RHB1051515	Rock	1.29	1.0	1349	486.2	>10000	23.0	6.6	13.8	1476	38.21	3	0.7	0.3	0.2	<1	1559	5.6	6.9	74	0.18
REP RHB1051515	QC		1.0	1331	472.8	>10000	23.3	6.3	13.7	1451	37.87	<1	0.8	<0.1	0.2	<1	1544	5.9	6.8	74	0.16
RHB1051522	Rock	1.09	1.3	915.7	>10000	>10000	86.1	66.5	55.3	>10000	16.58	805	0.1	0.1	<0.1	5	1526	93.4	0.5	258	0.22
REP RHB1051522	QC																				
REP RHB1051549	QC																				
REP RHB1051549	QC		0.5	1554	616.4	>10000	50.6	<0.1	47.5	1877	27.22	14	<0.1	1.1	<0.1	2	3446	3.3	97.8	3	<0.01
RHB1051556	Rock	0.95	0.6	1726	42.6	>10000	11.7	1.4	60.1	1318	24.53	12	0.3	<0.1	0.4	20	1011	6.3	7.4	23	0.32
REP RHB1051556	QC																				
RHB1051562	Rock	0.77	1.2	153.0	>10000	>10000	91.2	2.5	3.7	3296	7.54	107	1.0	<0.1	2.0	39	96.8	147.4	2.6	15	1.41
REP RHB1051562	QC		1.1	153.0	>10000	>10000	92.8	2.5	3.7	3143	8.01	109	1.0	<0.1	2.1	39	101.4	157.1	2.8	16	1.43
RHB1051567	Rock	0.36	0.7	414.0	>10000	>10000	>200	1.5	8.9	2262	15.59	204	<0.1	0.1	<0.1	<1	3081	534.5	4.2	<1	0.01
REP RHB1051567	QC																				
RHB1051581	Rock	0.49	2.7	>10000	489.7	268	>200	38.9	21.0	>10000	9.55	117	0.1	<0.1	0.1	241	31.6	690.3	<0.1	79	14.66
REP RHB1051581	QC																				
REP RHB1051584	QC																				
Core Reject Duplicates																					
RHB1051514	Rock	1.15	3.6	914.3	439.7	>10000	27.5	18.9	11.7	1881	34.13	131	2.7	1.2	<0.1	3	2075	8.4	2.9	9	0.60
DUP RHB1051514	QC		3.8	927.7	541.9	>10000	28.9	18.9	11.7	1969	33.94	163	2.8	1.7	<0.1	3	2111	9.5	2.8	8	0.60
RHB1051549	Rock	0.54	0.2	1228	485.6	>10000	35.9	0.6	38.2	1403	21.75	9	<0.1	1.3	<0.1	<1	2592	2.3	75.3	2	<0.01
DUP RHB1051549	QC		0.5	1533	590.8	>10000	51.6	<0.1	46.6	1770	26.38	14	<0.1	2.2	<0.1	2	3285	3.2	99.4	6	<0.01
RHB1051584	Rock	0.46	1.2	>10000	107.6	158	>200	24.5	15.1	>10000	4.82	22	0.7	<0.1	1.6	106	3.7	41.4	<0.1	28	4.86
DUP RHB1051584	QC		0.9	>10000	135.4	163	>200	26.7	18.0	>10000	5.54	26	0.4	<0.1	0.8	121	4.5	56.1	<0.1	46	6.90
Reference Materials																					
STD AGPROOF	Standard																				
STD CCU-1C	Standard																				
STD CCU-1C	Standard																				

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QUALITY CONTROL REPORT SMI11000188.2

	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	S
	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	0.1
Pulp Duplicates																					
RHB1051509	Rock	0.061	1.3	7	0.63	<1	0.028	0.79	0.002	0.03	0.3	9.5	4	3.7	5.0	0.2	<0.1	<1	3	9.6	>10
REP RHB1051509	QC																				
RHB1051515	Rock	0.057	2.1	8	0.92	<1	0.170	1.67	0.001	0.02	1.0	8.6	4	0.8	1.7	0.4	<0.1	<1	17	23.0	>10
REP RHB1051515	QC	0.057	2.1	8	0.92	<1	0.183	1.68	0.001	0.02	1.2	8.6	4	0.8	1.9	0.5	<0.1	<1	17	22.4	>10
RHB1051522	Rock	0.028	1.8	170	2.59	52	0.268	6.17	0.016	1.09	6.0	2.7	5	3.7	11.2	0.3	<0.1	<1	29	45.5	4.1
REP RHB1051522	QC																				
REP RHB1051549	QC																				
REP RHB1051549	QC	0.002	1.4	9	0.02	15	0.007	0.23	0.011	0.06	<0.1	1.4	3	0.2	3.4	0.2	<0.1	<1	<1	0.2	>10
RHB1051556	Rock	0.016	1.5	3	0.30	6	0.148	3.24	0.232	2.30	0.6	6.0	6	0.9	10.1	1.8	0.1	<1	7	24.2	9.4
REP RHB1051556	QC																				
RHB1051562	Rock	0.058	9.6	12	0.83	200	0.285	5.33	0.126	1.71	4.2	38.8	21	4.8	23.9	4.4	0.2	<1	15	20.1	0.9
REP RHB1051562	QC	0.055	9.7	14	0.90	186	0.293	5.18	0.121	1.74	4.7	42.3	22	4.7	24.1	4.7	0.2	<1	16	20.1	0.9
RHB1051567	Rock	0.004	1.7	19	0.07	14	0.015	0.36	0.003	0.08	0.1	1.0	4	4.7	2.0	0.1	<0.1	<1	1	2.1	>10
REP RHB1051567	QC																				
RHB1051581	Rock	0.026	6.8	67	1.91	229	0.091	1.91	0.018	0.35	0.7	3.4	13	0.7	13.0	0.3	<0.1	<1	20	9.6	1.9
REP RHB1051581	QC																				
REP RHB1051584	QC																				
Core Reject Duplicates																					
RHB1051514	Rock	0.246	1.4	7	0.22	<1	0.013	0.32	<0.001	0.01	0.2	4.5	4	0.6	6.8	0.1	<0.1	<1	3	4.1	>10
DUP RHB1051514	QC	0.245	1.4	7	0.23	<1	0.011	0.33	<0.001	0.01	0.3	4.5	4	0.7	6.7	<0.1	<0.1	<1	2	4.2	>10
RHB1051549	Rock	0.002	0.9	13	0.01	11	0.006	0.17	0.008	0.03	0.2	0.7	2	0.1	2.4	0.1	<0.1	<1	<1	0.6	>10
DUP RHB1051549	QC	0.001	1.4	6	0.01	14	0.006	0.23	0.009	0.05	<0.1	2.0	3	0.3	3.5	0.1	<0.1	<1	<1	0.2	>10
RHB1051584	Rock	0.021	6.8	32	1.48	477	0.095	4.71	1.514	1.14	0.3	58.1	15	0.9	13.3	2.0	0.1	<1	12	13.2	1.0
DUP RHB1051584	QC	0.018	5.0	33	1.90	283	0.075	3.52	0.780	0.71	0.3	28.1	11	0.6	10.4	1.0	<0.1	<1	12	10.8	1.4
Reference Materials																					
STD AGPROOF	Standard																				
STD CCU-1C	Standard																				
STD CCU-1C	Standard																				

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

Project: Hudson Bay Mountain
Report Date: November 25, 2011

QUALITY CONTROL REPORT SMI11000188.2

	Method	1EX	1EX	G6	G6Gr	G6Gr	7TD	7TD	7TD	7TD.1
	Analyte	Rb	Hf	Au	Ag	Au	Cu	Pb	Zn	Pb
	Unit	ppm	ppm	gm/t	gm/t	gm/t	%	%	%	%
	MDL	0.1	0.1	0.005	50	0.9	0.001	0.02	0.01	0.02
Pulp Duplicates										
RHB1051509	Rock	0.6	0.3	5.374	1009	N.A.	0.080	>10	13.84	11.52
REP RHB1051509	QC									11.88
RHB1051515	Rock	0.5	0.3	1.923	N.A.	N.A.	0.118	0.03	10.41	
REP RHB1051515	QC	0.6	0.3							
RHB1051522	Rock	29.0	0.1	0.124	N.A.	N.A.	0.093	1.30	17.35	
REP RHB1051522	QC			0.136						
REP RHB1051549	QC						0.151	0.06	30.33	
REP RHB1051549	QC	1.8	<0.1							
RHB1051556	Rock	47.5	0.2	0.425	N.A.	N.A.	0.171	<0.02	10.23	
REP RHB1051556	QC			0.417						
RHB1051562	Rock	56.7	1.1	0.064	N.A.	N.A.	0.015	1.36	0.92	
REP RHB1051562	QC	55.9	1.1							
RHB1051567	Rock	1.7	<0.1	<0.005	498	N.A.	0.040	>10	32.22	14.31
REP RHB1051567	QC									14.62
RHB1051581	Rock	9.9	0.3	0.148	358	N.A.	7.968	0.05	0.03	
REP RHB1051581	QC				356	N.A.				
REP RHB1051584	QC			0.007						
Core Reject Duplicates										
RHB1051514	Rock	0.3	0.1	1.578	N.A.	N.A.	0.084	0.03	14.72	
DUP RHB1051514	QC	0.2	<0.1	1.820	N.A.	N.A.	0.083	0.04	14.56	
RHB1051549	Rock	0.4	<0.1	2.208	N.A.	N.A.	0.165	0.06	33.32	
DUP RHB1051549	QC	1.8	<0.1	1.931	N.A.	N.A.	0.152	0.06	29.31	
RHB1051584	Rock	24.2	1.7	0.010	203	N.A.	4.518	<0.02	0.02	
DUP RHB1051584	QC	16.1	0.8	0.014	270	N.A.	5.747	<0.02	0.02	
Reference Materials										
STD AGPROOF	Standard				94	<0.9				
STD CCU-1C	Standard									0.35
STD CCU-1C	Standard									0.36

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QUALITY CONTROL REPORT SMI11000188.2

		WGHT Wgt kg 0.01	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	1EX Ca % 0.01
STD CZN-3	Standard																				
STD CZN-3	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard		1.4	52.3	4.1	105	<0.1	143.2	45.9	1037	7.28	2	0.7	<0.1	2.8	367	<0.1	0.3	<0.1	150	5.65
STD OREAS24P	Standard		1.4	48.6	2.8	138	<0.1	138.5	45.1	1096	7.14	<1	0.7	<0.1	2.7	374	0.4	0.1	<0.1	157	5.71
STD OREAS24P	Standard		1.5	45.6	2.5	113	0.2	138.1	43.7	1101	7.22	<1	0.6	<0.1	2.7	376	<0.1	<0.1	<0.1	163	5.63
STD OREAS24P	Standard		1.4	48.3	2.1	111	<0.1	135.2	43.2	1028	7.16	<1	0.6	<0.1	2.5	367	0.1	<0.1	<0.1	162	5.31
STD OREAS24P	Standard		1.4	48.9	15.9	153	0.3	141.3	44.6	1091	7.11	6	0.7	<0.1	2.7	379	0.6	0.5	<0.1	154	5.84
STD OREAS24P	Standard		1.4	47.7	14.2	121	0.2	146.4	47.7	1148	7.67	19	0.8	<0.1	3.0	360	0.3	15.6	<0.1	165	5.99
STD OREAS45C	Standard		2.4	625.3	25.4	75	0.3	352.7	103.6	1046	18.16	9	2.2	<0.1	10.6	34	0.1	0.8	0.2	270	0.47
STD OREAS45C	Standard		2.1	605.9	25.6	83	0.3	320.7	99.8	1162	16.95	12	2.1	<0.1	10.1	33	<0.1	0.6	0.2	244	0.47
STD OREAS45C	Standard		2.1	580.1	20.4	71	0.4	311.0	95.5	1100	17.06	10	2.0	<0.1	9.4	32	0.3	0.5	0.2	253	0.45
STD OREAS45C	Standard		2.3	607.1	24.9	85	0.2	339.7	105.1	1187	17.74	11	2.2	<0.1	10.8	38	0.4	1.0	0.2	268	0.50
STD OREAS45C	Standard		2.5	634.8	23.4	81	0.3	337.2	105.1	1226	19.02	12	2.2	<0.1	10.3	38	0.1	0.9	0.2	291	0.53
STD OREAS45C	Standard		2.1	615.6	22.5	77	0.3	344.3	107.3	1134	18.37	12	2.1	<0.1	10.2	37	0.3	0.7	0.2	278	0.49
STD OREAS45C	Standard		2.2	610.0	29.7	93	0.5	335.5	104.4	1167	17.45	14	2.3	<0.1	10.8	35	0.6	0.6	0.3	261	0.46
STD OREAS45C	Standard		2.1	598.5	20.7	65	0.2	312.7	99.7	955	18.39	11	2.0	<0.1	9.8	27	<0.1	0.6	0.2	253	0.47
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 PTC-1A	Standard																				

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QUALITY CONTROL REPORT SMI11000188.2

		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	1EX S % 0.1
STD CZN-3	Standard																				
STD CZN-3	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	0.130	18.2	186	4.04	278	1.074	7.14	2.309	0.58	0.5	132.0	35	1.5	18.8	18.5	1.1	<1	19	8.1	<0.1
STD OREAS24P	Standard	0.123	18.8	190	3.94	283	1.083	7.33	2.433	0.65	0.4	135.5	37	1.5	21.1	18.9	1.1	1	20	8.4	<0.1
STD OREAS24P	Standard	0.132	17.3	188	4.17	271	1.077	7.65	2.642	0.66	1.0	136.3	36	1.5	21.6	19.1	1.1	2	19	8.2	<0.1
STD OREAS24P	Standard	0.127	17.2	189	4.07	258	1.031	7.35	2.495	0.62	0.3	125.6	36	1.6	20.1	18.1	1.0	2	19	7.2	<0.1
STD OREAS24P	Standard	0.129	15.9	187	3.99	239	1.083	7.38	2.394	0.67	0.4	132.7	33	1.5	21.0	18.9	1.0	1	20	8.1	0.1
STD OREAS24P	Standard	0.129	19.6	193	4.15	292	1.061	7.77	2.449	0.66	0.5	133.0	37	1.4	21.0	18.5	1.2	1	20	7.3	<0.1
STD OREAS45C	Standard	0.055	25.8	984	0.23	279	1.187	7.03	0.090	0.33	1.2	170.8	49	2.5	11.6	21.5	1.4	<1	59	16.0	<0.1
STD OREAS45C	Standard	0.050	24.5	941	0.22	250	1.114	6.93	0.098	0.34	1.2	152.6	48	2.6	10.8	19.8	1.4	1	58	16.8	<0.1
STD OREAS45C	Standard	0.045	23.3	902	0.22	255	1.106	6.86	0.091	0.32	1.1	154.8	47	2.5	11.8	20.3	1.3	<1	58	14.0	<0.1
STD OREAS45C	Standard	0.049	27.3	936	0.27	288	1.236	7.31	0.100	0.36	1.0	172.5	52	3.0	12.7	22.3	1.5	<1	62	15.1	<0.1
STD OREAS45C	Standard	0.056	25.1	981	0.26	286	1.177	7.66	0.106	0.36	1.0	168.0	51	2.9	12.2	22.5	1.6	<1	57	18.1	<0.1
STD OREAS45C	Standard	0.050	25.9	955	0.24	279	1.229	7.27	0.101	0.34	1.1	158.5	50	2.7	12.2	22.1	1.5	<1	61	15.8	<0.1
STD OREAS45C	Standard	0.048	23.1	971	0.24	238	1.154	7.12	0.091	0.35	1.0	158.7	46	2.8	11.8	22.0	1.3	1	59	16.6	<0.1
STD OREAS45C	Standard	0.043	24.3	918	0.22	247	1.050	6.38	0.080	0.31	0.8	143.4	45	2.6	10.6	19.2	1.2	1	46	13.3	<0.1
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 PTC-1A	Standard																				

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QUALITY CONTROL REPORT SMI11000188.2

		1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6 Au gm/t 0.005	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD.1 Pb % 0.02
STD CZN-3	Standard									0.13
STD CZN-3	Standard									0.13
STD OREAS131B	Standard						0.021	1.82	3.17	
STD OREAS153A	Standard						0.700	<0.02	<0.01	
STD OREAS131B	Standard						0.014	1.85	3.20	
STD OREAS153A	Standard						0.713	<0.02	<0.01	
STD OREAS24P	Standard	20.4	3.4							
STD OREAS24P	Standard	20.9	3.4							
STD OREAS24P	Standard	22.7	3.7							
STD OREAS24P	Standard	20.3	3.2							
STD OREAS24P	Standard	21.0	3.5							
STD OREAS24P	Standard	25.8	3.8							
STD OREAS45C	Standard	23.9	4.3							
STD OREAS45C	Standard	22.1	3.9							
STD OREAS45C	Standard	22.4	3.9							
STD OREAS45C	Standard	24.7	4.5							
STD OREAS45C	Standard	24.5	4.6							
STD OREAS45C	Standard	23.4	4.6							
STD OREAS45C	Standard	21.9	4.3							
STD OREAS45C	Standard	20.3	3.6							
STD OXH82	Standard			1.347						
STD OXH82	Standard			1.340						
STD OXH82	Standard			1.294						
STD OXH82	Standard			1.282						
STD OXK79	Standard			3.738						
STD OXK79	Standard			3.737						
STD OXK79	Standard			3.634						
STD OXK79	Standard			3.762						
STD PTC-1A	Standard									0.05

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		WGHT	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	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
STD PTC-1A	Standard																				
STD SP49	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
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																					
STD OXK79 Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD SP49 Expected																					
STD AGPROOF Expected																					
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD PTC-1A Expected																					
BLK	Blank		<0.1	<0.1	3.6	13	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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		<0.1	<0.1	<0.1	<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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		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
STD PTC-1A	Standard																				
STD SP49	Standard																				
STD SU-1B	Standard																				
STD SU-1B	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																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD SP49 Expected																					
STD AGPROOF Expected																					
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD PTC-1A Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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	<1	<0.01	<1	<0.001	<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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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: Hudson Bay Mountain
Report Date: November 25, 2011

QUALITY CONTROL REPORT SMI11000188.2

		1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6 Au gm/t 0.005	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD.1 Pb % 0.02
STD PTC-1A	Standard									0.07
STD SP49	Standard				55	18.2				
STD SU-1B	Standard						1.179	<0.02	0.02	
STD SU-1B	Standard						1.193	<0.02	0.03	
STD OREAS24P Expected		22.4	3.6							
STD OREAS45C Expected		24	4.27							
STD OXH82 Expected				1.278						
STD OXK79 Expected				3.532						
STD OREAS131B Expected							0.0216	1.86	3.14	
STD SU-1B Expected							1.185	0.0058	0.0235	
STD OREAS153A Expected							0.712		0.0053	
STD SP49 Expected					60.2	18.34				
STD AGPROOF Expected					94	0				
STD CZN-3 Expected										0.113
STD CCU-1C Expected										0.34
STD PTC-1A Expected										0.05
BLK	Blank	<0.1	<0.1							
BLK	Blank	<0.1	<0.1							
BLK	Blank	<0.1	<0.1							
BLK	Blank	<0.1	<0.1							
BLK	Blank	<0.1	<0.1							
BLK	Blank	<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						<0.001	<0.02	<0.01	

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QUALITY CONTROL REPORT SMI11000188.2

		WGHT Wgt kg 0.01	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	1EX Ca % 0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.3	4.3	31.6	58	<0.1	3.6	4.8	707	2.34	6	2.5	<0.1	7.1	734	0.2	4.5	<0.1	48	2.40
G1	Prep Blank		0.4	5.2	22.9	51	<0.1	3.4	5.2	723	2.41	6	2.7	<0.1	8.2	705	0.1	2.0	<0.1	50	2.33

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QUALITY CONTROL REPORT SMI11000188.2

		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	1EX S % 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.075	19.8	6	0.63	1055	0.248	7.74	2.870	3.23	0.2	11.4	41	1.3	12.1	22.8	1.4	3	5	34.3	<0.1
G1	Prep Blank	0.076	24.0	10	0.64	1015	0.264	7.63	2.641	3.25	0.1	10.4	50	1.3	12.9	23.4	1.4	3	5	35.9	<0.1

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QUALITY CONTROL REPORT SMI11000188.2

		1EX Rb ppm 0.1	1EX Hf ppm 0.1	G6 Au gm/t 0.005	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9	7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD.1 Pb % 0.02
BLK	Blank			<0.005						
BLK	Blank			<0.005						
BLK	Blank						<0.001	<0.02	<0.01	
BLK	Blank				<50	<0.9				
BLK	Blank				<50	<0.9				
BLK	Blank									<0.02
BLK	Blank									<0.02
Prep Wash										
G1	Prep Blank	116.6	0.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
G1	Prep Blank	118.8	0.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

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Client: **Lions Gate Metals**
880-609 Granville St. PO Box 10321, Pacific Centre
Vancouver BC V7Y 1G5 Canada

Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: July 26, 2011
Report Date: September 28, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI11000198.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mtn
Shipment ID: HBM-001
P.O. Number
Number of Samples: 33

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	33	Dry at 60C			SMI
SS80	32	Dry at 60C sieve 100g to -80 mesh			SMI
RJSV	33	Saving all or part of Soil Reject			VAN
1F05	33	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Lions Gate Metals
880-609 Granville St. PO Box 10321,
Pacific Centre
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
A. Ross

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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**
880-609 Granville St. PO Box 10321, Pacific Centre
Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000198.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051901	Sediment	0.87	9.52	7.72	47.9	21	9.4	5.9	621	2.21	7.1	3.2	1.9	2.9	37.3	0.15	0.45	0.11	42	0.28	0.062
CHB1051902	Sediment	0.88	7.16	7.10	42.8	32	6.5	4.6	518	1.95	6.3	2.8	1.0	3.2	30.3	0.12	0.39	0.08	38	0.24	0.058
CHB1051903	Sediment	0.74	5.35	6.76	39.5	25	5.9	3.4	648	1.42	6.1	5.7	0.7	2.8	27.0	0.14	0.28	0.05	20	0.21	0.036
CHB1051904	Sediment	0.60	14.77	7.26	76.4	27	16.2	9.5	819	3.13	11.7	0.5	0.7	0.8	33.0	0.17	0.29	0.09	71	0.26	0.046
CHB1051905	Sediment	0.62	15.66	7.32	77.7	33	16.8	9.7	860	3.07	11.9	0.5	0.9	0.7	35.5	0.18	0.29	0.09	65	0.32	0.046
CHB1051906	Sediment	0.66	16.47	6.79	76.3	28	14.4	9.8	841	2.93	10.7	0.4	0.7	0.7	32.9	0.15	0.25	0.08	57	0.33	0.043
CHB1051907	Sediment	0.86	17.52	7.80	89.3	29	14.9	11.1	955	3.57	11.6	0.4	0.4	1.0	35.6	0.18	0.33	0.09	75	0.38	0.051
CHB1051908	Sediment	1.22	13.52	8.37	72.2	26	21.4	9.9	664	3.16	13.9	3.7	0.7	2.1	36.4	0.20	0.57	0.10	62	0.30	0.065
CHB1051909	Sediment	0.83	17.42	7.57	79.0	37	13.9	9.7	745	3.16	13.7	0.6	0.5	1.1	49.7	0.22	0.34	0.09	61	0.46	0.055
CHB1051910	Sediment	0.56	18.90	11.96	82.5	113	5.7	7.9	1052	3.55	20.6	0.5	1.5	0.7	11.0	0.36	1.07	0.17	59	0.26	0.057
CHB1051911	Sediment	0.65	17.39	11.31	82.8	127	3.3	7.2	1282	2.93	12.3	0.6	0.8	0.7	9.8	0.93	1.28	0.23	47	0.23	0.054
CHB1051912	Sediment	0.83	15.83	11.66	85.3	99	5.5	8.1	1185	3.55	11.7	0.7	1.2	0.6	12.0	0.60	0.90	0.12	68	0.31	0.063
CHB1051913	Sediment	0.58	19.52	10.33	105.7	72	6.4	8.5	1101	3.62	9.0	0.6	0.5	0.6	15.0	0.34	0.64	0.09	94	0.35	0.052
CHB1051914	Sediment	0.53	32.73	17.43	162.7	61	4.0	9.5	1805	3.89	22.1	0.8	0.7	0.4	10.4	0.43	0.48	0.09	80	0.34	0.066
CHB1051915	Sediment	0.91	31.70	14.07	144.0	71	8.2	11.6	1410	4.26	12.2	0.6	1.0	0.7	15.7	0.38	0.63	0.08	109	0.38	0.056
CHB1051916	Sediment	0.65	23.08	11.11	143.0	51	8.0	11.1	1418	4.96	8.5	0.6	0.3	0.8	16.1	0.25	0.65	0.09	157	0.35	0.061
CHB1051917	Sediment	0.55	21.85	9.07	118.7	34	11.0	10.6	1136	4.11	8.9	0.4	1.6	0.8	14.7	0.25	0.45	0.05	118	0.33	0.050
CHB1051918	Sediment	0.62	23.86	10.46	133.9	63	10.0	11.1	1294	4.62	9.9	0.5	0.6	0.8	18.7	0.31	0.54	0.17	133	0.42	0.056
CHB1051919	Sediment	0.68	28.22	15.85	166.8	205	3.9	7.6	1211	4.16	10.8	0.4	0.8	0.9	9.3	0.40	0.64	0.08	46	0.21	0.045
CHB1051920	Sediment	0.07	4.04	3.59	23.8	16	3.6	7.0	286	4.33	0.6	0.9	2.3	1.4	7.4	0.07	0.06	0.14	60	0.34	0.020
CHB1051921	Sediment	1.06	68.29	56.50	181.8	418	14.4	12.1	1417	3.78	62.1	0.7	143.9	0.9	19.4	1.04	1.52	0.42	75	0.32	0.049
CHB1051922	Sediment	2.01	47.97	26.67	201.3	449	4.6	11.3	1929	4.46	26.5	0.2	1.1	0.6	8.2	0.69	0.70	0.29	41	0.19	0.055
CHB1051923	Sediment	1.21	28.91	16.65	139.8	185	5.9	9.5	947	3.78	22.0	0.3	1.1	0.8	12.9	0.90	1.15	0.19	51	0.28	0.047
CHB1051924	Sediment	1.22	28.40	17.71	139.5	159	5.7	9.6	941	3.79	21.7	0.3	1.3	0.8	13.6	0.79	1.26	0.22	49	0.29	0.045
CHB1051925	Sediment	1.86	26.45	44.24	267.5	397	12.8	10.7	1784	4.13	38.2	0.6	9.0	0.5	21.9	3.23	1.58	0.26	52	0.41	0.061
CHB1051926	Sediment	2.30	31.29	32.92	316.5	396	12.2	12.2	3735	4.57	47.9	0.8	1.5	0.6	25.5	5.52	1.60	0.20	48	0.49	0.078
CHB1051927	Sediment	1.18	35.41	42.71	228.2	701	13.0	9.4	1064	3.54	50.0	0.7	9.0	0.4	28.1	1.87	1.54	0.27	47	0.55	0.072
CHB1051928	Rock Pulp	20.88	4867	5784	>10000	58547	38.5	15.3	394	8.21	409.8	1.6	496.3	1.5	35.8	234.8	93.51	28.23	32	1.01	0.038
CHB1051929	Sediment	0.17	12.41	19.48	71.2	289	1.6	0.7	71	0.14	4.4	2.1	7.1	0.1	216.5	0.18	2.05	0.20	9	11.53	0.009
CHB1051930	Sediment	0.67	27.68	22.27	160.6	211	5.6	10.4	1397	3.86	13.4	1.4	5.0	0.4	29.7	1.03	0.48	0.13	105	0.78	0.060

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Project: Hudson Bay Mtn
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CERTIFICATE OF ANALYSIS SMI11000198.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051901	Sediment	11.9	10.3	0.29	164.3	0.014	1	0.76	0.010	0.05	0.1	2.5	0.04	<0.02	41	<0.1	<0.02	3.0	1.15	<0.1	<0.02
CHB1051902	Sediment	11.5	8.5	0.29	155.9	0.017	2	0.59	0.009	0.04	0.1	2.0	0.03	<0.02	32	<0.1	<0.02	2.7	1.05	<0.1	<0.02
CHB1051903	Sediment	9.5	6.6	0.22	131.0	0.007	2	0.61	0.008	0.04	<0.1	2.0	0.03	<0.02	22	<0.1	<0.02	2.4	1.42	<0.1	<0.02
CHB1051904	Sediment	4.4	14.4	0.21	184.3	0.022	3	0.53	0.006	0.05	<0.1	4.0	0.04	<0.02	103	<0.1	<0.02	2.1	0.53	<0.1	<0.02
CHB1051905	Sediment	4.5	13.7	0.22	209.2	0.017	3	0.59	0.006	0.05	<0.1	4.8	0.05	<0.02	52	0.1	0.03	2.3	0.56	<0.1	<0.02
CHB1051906	Sediment	4.2	11.8	0.26	181.4	0.011	2	0.70	0.007	0.05	<0.1	4.7	0.05	<0.02	45	<0.1	<0.02	2.5	0.51	<0.1	<0.02
CHB1051907	Sediment	4.9	13.2	0.30	183.8	0.022	3	0.87	0.009	0.06	<0.1	5.4	0.06	0.02	44	<0.1	<0.02	3.3	0.56	<0.1	<0.02
CHB1051908	Sediment	8.2	14.4	0.23	164.7	0.014	2	0.53	0.009	0.06	<0.1	3.8	0.05	<0.02	134	<0.1	<0.02	1.9	0.96	<0.1	0.03
CHB1051909	Sediment	6.5	11.3	0.31	207.2	0.015	3	0.91	0.010	0.06	<0.1	5.9	0.06	<0.02	328	0.1	<0.02	2.9	0.73	<0.1	0.02
CHB1051910	Sediment	8.9	7.9	0.46	94.3	0.022	2	0.83	0.007	0.05	<0.1	4.5	<0.02	0.03	19	0.3	<0.02	2.9	1.17	<0.1	<0.02
CHB1051911	Sediment	10.7	3.9	0.35	94.7	0.013	1	0.71	0.005	0.06	<0.1	4.5	0.02	0.02	26	0.3	<0.02	2.4	1.60	<0.1	<0.02
CHB1051912	Sediment	10.4	8.7	0.51	115.1	0.028	2	0.99	0.008	0.05	<0.1	5.1	0.03	<0.02	19	0.3	<0.02	3.6	1.18	<0.1	<0.02
CHB1051913	Sediment	10.3	10.2	0.66	94.4	0.063	2	1.03	0.008	0.04	<0.1	5.8	<0.02	<0.02	20	0.4	<0.02	4.1	0.86	<0.1	0.03
CHB1051914	Sediment	11.8	7.3	0.68	123.0	0.014	2	1.22	0.009	0.06	<0.1	9.6	0.03	<0.02	24	0.2	<0.02	5.8	0.84	<0.1	<0.02
CHB1051915	Sediment	11.1	12.0	0.89	115.4	0.068	2	1.35	0.010	0.04	<0.1	8.1	0.02	<0.02	30	0.2	<0.02	6.1	0.86	<0.1	0.03
CHB1051916	Sediment	8.7	13.1	0.85	116.0	0.122	2	1.09	0.010	0.03	<0.1	7.3	<0.02	<0.02	13	<0.1	<0.02	5.7	0.57	<0.1	0.07
CHB1051917	Sediment	6.8	15.0	0.78	93.3	0.095	2	0.97	0.010	0.03	<0.1	6.4	<0.02	<0.02	9	0.1	<0.02	4.6	0.49	<0.1	0.07
CHB1051918	Sediment	8.8	13.9	0.82	115.9	0.116	2	1.12	0.011	0.04	<0.1	7.9	<0.02	<0.02	13	0.1	<0.02	5.3	0.66	<0.1	0.05
CHB1051919	Sediment	15.8	4.7	0.28	433.7	0.021	2	0.69	0.007	0.09	<0.1	7.1	0.05	<0.02	22	0.2	<0.02	2.7	1.01	<0.1	<0.02
CHB1051920	Sediment	10.0	13.5	0.17	13.0	0.004	<1	0.42	0.013	0.02	<0.1	6.9	<0.02	<0.02	<5	<0.1	<0.02	1.4	2.01	<0.1	<0.02
CHB1051921	Sediment	8.8	31.0	0.73	63.2	0.016	<1	1.47	0.013	0.05	0.1	6.8	0.09	<0.02	23	<0.1	<0.02	4.2	4.03	<0.1	0.04
CHB1051922	Sediment	12.5	4.7	0.38	186.5	0.007	1	1.05	0.006	0.09	<0.1	6.0	0.08	0.04	8	<0.1	0.09	3.9	0.96	<0.1	<0.02
CHB1051923	Sediment	8.9	10.1	0.48	87.7	0.024	<1	1.04	0.012	0.06	<0.1	5.2	0.04	0.02	17	0.3	0.04	3.9	1.30	<0.1	<0.02
CHB1051924	Sediment	9.2	9.8	0.50	92.5	0.026	<1	1.09	0.012	0.07	<0.1	5.3	0.04	<0.02	9	0.1	0.05	4.0	1.35	<0.1	<0.02
CHB1051925	Sediment	6.5	22.3	0.79	146.3	0.033	2	2.08	0.010	0.06	0.1	5.0	0.06	0.03	25	0.7	<0.02	6.4	3.48	<0.1	0.03
CHB1051926	Sediment	8.7	19.1	0.68	231.2	0.038	2	1.90	0.011	0.06	0.1	5.7	0.06	0.04	29	1.2	<0.02	5.5	2.74	<0.1	0.03
CHB1051927	Sediment	7.6	25.5	0.76	68.4	0.040	3	1.83	0.012	0.06	0.2	5.2	0.06	0.04	31	1.1	<0.02	5.4	4.62	<0.1	0.03
CHB1051928	Rock Pulp	6.4	22.1	0.62	14.1	0.054	3	0.79	0.051	0.08	0.5	2.5	13.25	8.04	7816	78.2	0.24	5.7	0.32	0.3	0.17
CHB1051929	Sediment	0.9	2.3	7.31	18.8	0.002	3	0.07	0.184	0.02	0.1	0.3	0.04	0.40	<5	0.4	<0.02	0.2	0.05	<0.1	<0.02
CHB1051930	Sediment	16.7	11.2	0.75	314.9	0.048	3	1.56	0.010	0.08	<0.1	8.2	0.10	0.05	90	1.4	<0.02	6.3	2.32	<0.1	0.02

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Project: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000198.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051901	Sediment	0.21	4.4	0.3	<0.05	0.5	8.32	21.4	0.04	<1	0.4	8.6	<10	<2
CHB1051902	Sediment	0.20	4.1	0.3	<0.05	0.6	7.69	20.2	<0.02	<1	0.3	7.6	<10	<2
CHB1051903	Sediment	0.16	4.8	0.3	<0.05	0.4	9.49	17.3	0.02	<1	0.6	8.3	<10	<2
CHB1051904	Sediment	0.10	4.9	0.3	<0.05	0.5	7.09	9.0	0.04	1	0.2	4.6	<10	<2
CHB1051905	Sediment	0.10	5.3	0.4	<0.05	0.5	8.07	9.0	0.03	<1	0.4	5.0	<10	<2
CHB1051906	Sediment	0.08	4.9	0.4	<0.05	0.5	7.59	8.6	0.04	<1	0.5	5.3	<10	<2
CHB1051907	Sediment	0.10	5.0	0.4	<0.05	0.8	8.65	10.2	0.04	<1	0.3	6.1	<10	<2
CHB1051908	Sediment	0.11	4.9	0.3	<0.05	0.9	7.75	16.0	0.02	<1	0.4	5.4	<10	<2
CHB1051909	Sediment	0.12	5.2	0.3	<0.05	0.8	9.56	12.8	0.03	<1	0.4	6.4	<10	<2
CHB1051910	Sediment	0.08	3.6	0.3	<0.05	0.6	10.07	16.7	0.03	<1	0.3	11.1	<10	<2
CHB1051911	Sediment	0.06	3.6	0.3	<0.05	0.5	11.00	22.1	0.03	<1	0.4	9.6	<10	<2
CHB1051912	Sediment	0.11	4.3	0.4	<0.05	0.5	12.69	19.4	0.03	1	0.3	14.5	<10	<2
CHB1051913	Sediment	0.10	3.7	0.3	<0.05	0.9	12.25	18.5	0.03	<1	0.3	13.7	<10	<2
CHB1051914	Sediment	0.10	4.9	0.5	<0.05	0.4	14.98	24.3	0.08	<1	0.3	15.5	<10	<2
CHB1051915	Sediment	0.10	3.7	0.4	<0.05	1.1	14.99	21.2	0.05	<1	0.5	16.8	<10	<2
CHB1051916	Sediment	0.08	2.6	0.5	<0.05	2.7	12.83	17.4	0.04	<1	0.4	14.4	<10	<2
CHB1051917	Sediment	0.06	2.1	0.4	<0.05	3.0	10.45	13.8	0.03	<1	0.4	13.0	<10	<2
CHB1051918	Sediment	0.10	3.1	0.4	<0.05	2.5	13.90	17.3	0.05	<1	0.4	14.7	<10	<2
CHB1051919	Sediment	0.08	5.4	0.4	<0.05	0.4	12.58	30.7	0.07	<1	0.7	9.0	<10	<2
CHB1051920	Sediment	<0.02	1.5	0.2	<0.05	0.6	5.16	20.6	0.05	<1	<0.1	0.8	<10	<2
CHB1051921	Sediment	0.12	5.7	0.3	<0.05	0.9	12.52	17.7	0.06	<1	0.2	11.5	<10	<2
CHB1051922	Sediment	0.02	5.3	0.3	<0.05	0.5	14.25	27.3	0.06	<1	0.5	12.9	<10	<2
CHB1051923	Sediment	0.06	4.0	0.3	<0.05	0.9	10.23	18.3	0.04	<1	0.3	12.6	<10	<2
CHB1051924	Sediment	0.07	4.6	0.3	<0.05	0.9	10.59	18.7	0.05	<1	0.3	13.4	<10	<2
CHB1051925	Sediment	0.33	6.3	0.4	<0.05	0.8	12.05	13.0	0.05	4	0.4	26.5	<10	<2
CHB1051926	Sediment	0.31	4.6	0.4	<0.05	0.8	17.24	16.1	0.05	4	0.4	22.3	<10	<2
CHB1051927	Sediment	0.31	5.9	0.4	<0.05	0.7	14.34	12.4	0.05	<1	0.3	24.5	<10	<2
CHB1051928	Rock Pulp	0.37	3.4	50.5	<0.05	5.1	6.03	12.9	3.31	13	0.1	5.9	<10	3
CHB1051929	Sediment	0.05	0.6	0.1	<0.05	0.4	0.97	1.3	<0.02	<1	<0.1	0.9	<10	<2
CHB1051930	Sediment	0.20	8.3	0.5	<0.05	0.7	38.01	19.8	0.05	<1	0.4	25.7	<10	<2

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Project: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000198.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051931	Sediment	0.71	28.02	21.79	161.3	177	5.9	11.7	1441	3.97	13.2	1.1	3.3	0.5	29.2	1.00	0.46	0.11	110	0.84	0.059
CHB1051932	Sediment	0.64	24.83	28.28	169.1	231	5.2	10.5	922	3.95	15.6	0.7	2.8	0.5	22.8	0.62	0.43	0.13	88	0.61	0.066
CHB1051933	Sediment	0.87	32.11	13.10	202.9	106	9.2	11.2	1659	5.12	15.0	1.6	1.6	0.8	17.3	0.53	0.86	0.07	140	0.47	0.072

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051931	Sediment	16.0	11.0	0.86	300.3	0.060	3	1.57	0.013	0.08	<0.1	8.1	0.07	0.04	62	1.1	<0.02	6.4	2.36	<0.1	0.03
CHB1051932	Sediment	16.3	11.1	0.80	301.1	0.058	3	1.64	0.011	0.10	<0.1	8.1	0.05	0.05	85	1.2	<0.02	6.3	2.41	<0.1	<0.02
CHB1051933	Sediment	12.9	16.7	0.82	100.3	0.094	2	1.39	0.009	0.05	<0.1	9.3	0.05	0.02	41	0.8	<0.02	6.4	1.32	<0.1	0.03

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CERTIFICATE OF ANALYSIS SMI11000198.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051931	Sediment	0.17	8.2	0.5	<0.05	0.7	34.84	19.7	0.05	<1	0.5	26.7	<10	<2
CHB1051932	Sediment	0.21	9.6	0.6	<0.05	0.6	31.98	17.2	0.06	1	0.6	26.6	<10	<2
CHB1051933	Sediment	0.13	4.8	0.4	<0.05	0.9	17.44	22.5	0.05	<1	0.6	15.6	<10	<2

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QUALITY CONTROL REPORT SMI11000198.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
CHB1051902	Sediment	0.88	7.16	7.10	42.8	32	6.5	4.6	518	1.95	6.3	2.8	1.0	3.2	30.3	0.12	0.39	0.08	38	0.24	0.058
REP CHB1051902	QC	0.88	7.94	6.94	43.0	16	7.0	4.7	538	2.04	6.3	2.8	0.7	3.3	31.5	0.10	0.38	0.07	40	0.25	0.062
CHB1051933	Sediment	0.87	32.11	13.10	202.9	106	9.2	11.2	1659	5.12	15.0	1.6	1.6	0.8	17.3	0.53	0.86	0.07	140	0.47	0.072
REP CHB1051933	QC	0.86	31.75	13.06	201.9	81	9.5	11.5	1705	4.94	14.9	1.6	12.1	0.8	16.7	0.50	0.89	0.07	139	0.47	0.071
Reference Materials																					
STD DS8	Standard	12.27	106.4	117.8	301.8	1662	34.1	6.7	586	2.37	23.0	2.9	102.1	7.0	64.0	2.38	5.45	6.78	40	0.69	0.078
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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QUALITY CONTROL REPORT SMI11000198.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
CHB1051902	Sediment	11.5	8.5	0.29	155.9	0.017	2	0.59	0.009	0.04	0.1	2.0	0.03	<0.02	32	<0.1	<0.02	2.7	1.05	<0.1	<0.02
REP CHB1051902	QC	11.3	8.6	0.27	151.0	0.017	1	0.63	0.009	0.04	<0.1	2.0	0.03	<0.02	38	<0.1	<0.02	2.7	1.07	<0.1	<0.02
CHB1051933	Sediment	12.9	16.7	0.82	100.3	0.094	2	1.39	0.009	0.05	<0.1	9.3	0.05	0.02	41	0.8	<0.02	6.4	1.32	<0.1	0.03
REP CHB1051933	QC	12.7	16.0	0.82	97.3	0.088	2	1.36	0.009	0.04	<0.1	9.2	0.04	0.02	41	0.8	<0.02	6.2	1.34	<0.1	0.02
Reference Materials																					
STD DS8	Standard	15.8	114.8	0.58	266.4	0.106	2	0.90	0.098	0.41	2.8	2.2	5.30	0.15	186	4.8	4.79	4.4	2.35	0.1	0.08
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Report Date: September 28, 2011

QUALITY CONTROL REPORT SMI11000198.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
CHB1051902	Sediment	0.20	4.1	0.3	<0.05	0.6	7.69	20.2	<0.02	<1	0.3	7.6	<10	<2
REP CHB1051902	QC	0.18	4.0	0.3	<0.05	0.7	7.86	20.2	0.02	<1	0.5	8.0	<10	<2
CHB1051933	Sediment	0.13	4.8	0.4	<0.05	0.9	17.44	22.5	0.05	<1	0.6	15.6	<10	<2
REP CHB1051933	QC	0.13	4.6	0.4	<0.05	0.8	17.14	22.5	0.06	<1	0.5	15.9	<10	<2
Reference Materials														
STD DS8	Standard	1.20	38.9	6.9	<0.05	1.9	6.07	25.8	2.35	55	4.6	26.4	100	318
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: August 03, 2011
Report Date: September 26, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS SMI11000228.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mtn
Shipment ID: HBM 3
P.O. Number
Number of Samples: 144

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
RJSV	143	Saving all or part of Soil Reject			SMI
Dry at 60C	144	Dry at 60C			SMI
SS80	143	Dry at 60C sieve 100g to -80 mesh			SMI
1F05	142	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Lions Gate Metals
880-609 Granville St. PO Box 10321,
Pacific Centre
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050101	Soil		1.40	19.06	21.46	123.9	114	5.8	8.3	670	3.29	28.6	0.3	4.3	0.7	18.4	0.67	1.94	0.33	48	0.38	0.042
SHB1050102	Soil		1.37	26.77	17.14	125.5	207	6.7	9.4	951	3.47	27.9	0.4	2.3	0.8	16.5	0.61	1.87	0.26	48	0.28	0.043
SHB1050103	Soil		1.61	18.50	20.37	155.8	142	6.2	9.5	998	3.35	35.4	0.3	9.4	0.7	18.9	0.85	2.11	0.31	49	0.33	0.045
SHB1050104	Soil		1.64	26.20	17.25	115.7	221	6.6	8.6	813	3.18	24.0	0.3	187.6	0.7	15.3	0.55	1.43	0.22	42	0.25	0.048
SHB1050105	Soil		1.63	18.54	17.87	166.9	181	6.2	9.5	737	3.13	42.3	0.3	2.9	0.6	16.0	0.86	1.92	0.38	46	0.28	0.046
SHB1050106	Soil		1.33	18.96	15.78	125.6	90	6.7	9.0	735	3.35	32.2	0.4	6.8	1.0	15.6	0.46	1.85	0.55	49	0.22	0.042
SHB1050107	Soil		1.35	18.20	15.00	146.2	97	7.2	8.8	580	3.31	33.0	0.3	2.8	0.8	15.3	0.38	1.66	0.31	51	0.17	0.041
SHB1050108	Soil		1.26	22.74	15.70	119.9	185	7.7	8.4	821	3.13	28.2	0.3	3.1	0.7	18.3	0.44	1.53	0.26	46	0.25	0.040
SHB1050109	Soil		1.34	25.43	21.19	135.0	238	7.6	9.6	988	3.76	35.1	0.4	4.7	0.8	15.5	0.39	2.09	0.30	54	0.19	0.043
SHB1050110	Soil		1.22	21.42	16.06	154.5	205	7.6	9.4	910	3.80	30.8	0.3	1.6	0.8	13.4	0.52	1.89	0.26	57	0.18	0.052
SHB1050111	Soil		1.13	17.88	13.22	151.6	108	5.7	8.5	587	3.28	25.4	0.3	12.3	0.8	10.4	0.38	1.59	0.23	51	0.13	0.031
SHB1050112	Soil		1.34	13.98	14.01	104.9	252	5.7	6.5	464	3.41	29.4	0.2	1.9	0.7	13.3	0.58	1.35	0.26	49	0.15	0.166
SHB1050113	Soil		1.68	21.98	17.49	135.4	862	7.5	10.6	1049	3.47	42.2	0.3	1.8	0.7	14.5	0.97	1.75	0.26	45	0.19	0.153
SHB1050114	Soil		1.34	18.47	16.10	125.3	237	7.2	7.6	440	3.71	35.8	0.3	1.7	0.7	11.6	0.36	1.41	0.25	53	0.15	0.068
SHB1050115	Soil		1.08	8.63	14.89	93.1	100	4.4	5.5	419	3.24	19.5	0.2	5.3	0.7	12.5	0.54	1.16	0.23	51	0.14	0.097
SHB1050116	Soil		2.62	20.01	9.22	92.4	117	10.5	9.9	290	3.70	43.0	0.2	1.3	0.7	10.4	0.23	0.55	0.16	36	0.17	0.037
SHB1050117	Soil		0.61	11.20	7.31	73.1	184	8.6	6.0	249	2.43	8.6	0.3	0.8	0.5	23.0	0.14	0.59	0.10	44	0.15	0.041
SHB1050118	Soil		0.68	5.92	8.69	98.5	169	4.5	4.1	243	2.62	6.9	0.2	0.9	0.6	15.7	0.24	0.48	0.12	44	0.12	0.049
SHB1050119	Soil		0.80	7.90	9.28	93.1	150	3.8	3.5	171	2.55	10.0	0.2	0.4	0.6	8.8	0.21	0.35	0.15	45	0.08	0.091
SHB1050120	Soil		0.56	11.01	8.83	69.2	48	6.4	5.5	254	2.65	10.9	0.3	1.0	0.7	29.0	0.22	0.79	0.11	50	0.19	0.035
SHB1050121	Soil		0.31	5.18	6.98	47.9	157	3.2	2.8	190	1.38	2.7	0.2	1.0	0.4	15.2	0.15	0.30	0.12	27	0.13	0.019
SHB1050122	Soil		0.82	9.56	9.18	130.8	172	8.4	5.6	266	2.70	11.4	0.2	1.0	0.7	20.2	0.24	0.67	0.13	45	0.17	0.051
SHB1050123	Soil		0.61	5.12	8.62	49.3	224	3.9	2.5	152	2.03	8.0	0.2	0.7	0.2	15.2	0.19	0.48	0.15	38	0.12	0.042
SHB1050124	Soil		0.83	10.86	8.87	143.6	305	9.5	6.9	246	3.02	11.4	0.2	0.6	0.7	10.8	0.35	0.86	0.13	44	0.09	0.047
SHB1050125	Soil		1.52	12.23	13.65	145.3	237	5.4	6.4	341	3.29	43.0	0.2	1.1	0.5	13.1	0.61	1.66	0.33	51	0.17	0.062
SHB1050126	Soil		1.89	13.53	15.38	148.0	714	5.3	5.4	338	3.32	61.5	0.2	1.0	0.6	10.2	0.40	1.84	0.49	57	0.11	0.034
SHB1050127	Soil		1.05	18.46	8.70	82.7	129	13.6	9.2	468	2.84	11.5	0.2	1.3	0.8	26.6	0.21	0.51	0.15	42	0.27	0.028
SHB1050128	Soil		1.19	42.89	14.26	129.7	461	15.9	10.3	876	3.32	32.1	0.4	2.1	0.8	40.0	0.69	0.68	0.54	45	0.59	0.053
SHB1050129	Soil		0.84	13.39	6.32	83.8	57	11.1	5.7	233	2.76	10.6	0.2	0.7	0.8	16.3	0.27	0.45	0.12	39	0.18	0.016
SHB1050130	Soil		1.27	14.16	10.93	187.8	152	9.2	8.8	265	3.03	19.9	0.2	1.6	0.7	11.4	0.45	0.54	0.27	42	0.15	0.113

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Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050101	Soil		6.8	10.4	0.44	64.8	0.026	2	1.15	0.009	0.08	<0.1	3.9	0.04	<0.02	40	0.3	<0.02	4.0	1.17	<0.1	<0.02
SHB1050102	Soil		8.9	10.9	0.48	89.7	0.026	1	1.24	0.013	0.06	<0.1	4.7	0.04	<0.02	58	0.3	0.05	4.1	1.44	<0.1	<0.02
SHB1050103	Soil		7.0	10.2	0.47	79.0	0.033	1	1.18	0.011	0.07	<0.1	4.0	0.05	<0.02	39	<0.1	<0.02	4.2	1.34	<0.1	<0.02
SHB1050104	Soil		8.7	10.6	0.41	93.2	0.021	1	1.10	0.010	0.07	<0.1	4.5	0.04	<0.02	37	0.3	0.03	3.5	1.03	<0.1	<0.02
SHB1050105	Soil		6.2	11.2	0.43	80.2	0.019	1	1.20	0.006	0.07	<0.1	3.5	0.05	<0.02	32	0.1	<0.02	4.3	1.28	<0.1	0.02
SHB1050106	Soil		7.8	12.3	0.44	99.7	0.032	<1	1.26	0.011	0.06	<0.1	4.3	0.03	<0.02	36	0.2	<0.02	3.9	1.39	<0.1	<0.02
SHB1050107	Soil		6.3	12.9	0.45	98.5	0.025	<1	1.38	0.008	0.04	<0.1	3.8	0.05	<0.02	37	<0.1	<0.02	4.4	1.35	<0.1	<0.02
SHB1050108	Soil		7.5	12.8	0.44	97.1	0.023	1	1.31	0.008	0.08	<0.1	4.1	0.05	<0.02	30	0.2	<0.02	4.0	1.10	<0.1	<0.02
SHB1050109	Soil		8.3	14.1	0.57	101.3	0.025	<1	1.58	0.011	0.07	<0.1	4.5	0.07	<0.02	26	0.2	<0.02	4.7	1.70	<0.1	<0.02
SHB1050110	Soil		7.0	13.4	0.56	90.8	0.030	<1	1.55	0.007	0.06	0.1	4.4	0.04	<0.02	24	0.2	<0.02	4.6	1.43	<0.1	<0.02
SHB1050111	Soil		7.8	10.8	0.41	100.9	0.025	2	1.45	0.005	0.06	<0.1	4.0	0.05	<0.02	11	0.2	<0.02	4.8	1.33	<0.1	0.02
SHB1050112	Soil		5.9	11.3	0.38	67.3	0.017	2	1.39	0.007	0.09	<0.1	3.6	0.04	<0.02	33	0.3	<0.02	5.0	1.31	<0.1	<0.02
SHB1050113	Soil		6.3	13.7	0.46	81.1	0.016	1	1.64	0.005	0.08	0.1	4.0	0.06	0.02	95	0.4	<0.02	4.6	1.88	<0.1	<0.02
SHB1050114	Soil		6.2	13.6	0.40	74.1	0.012	<1	1.64	0.005	0.07	<0.1	3.9	0.05	<0.02	39	0.2	<0.02	5.1	1.34	<0.1	0.02
SHB1050115	Soil		6.8	11.4	0.30	99.4	0.011	<1	1.21	0.006	0.06	<0.1	3.3	0.04	<0.02	22	<0.1	0.04	5.3	0.96	<0.1	0.03
SHB1050116	Soil		6.6	14.3	0.39	55.0	0.001	<1	1.77	0.006	0.07	<0.1	3.4	0.04	<0.02	28	0.3	0.04	4.0	1.67	<0.1	<0.02
SHB1050117	Soil		5.3	11.7	0.32	104.3	0.040	<1	1.34	0.008	0.04	<0.1	2.6	0.03	<0.02	35	<0.1	<0.02	3.6	0.80	<0.1	<0.02
SHB1050118	Soil		6.0	8.7	0.19	76.9	0.026	<1	1.01	0.007	0.04	<0.1	1.8	0.03	<0.02	34	<0.1	<0.02	5.2	0.87	<0.1	0.03
SHB1050119	Soil		5.8	9.5	0.12	69.4	0.010	<1	1.39	0.009	0.05	<0.1	1.9	0.05	<0.02	30	0.1	<0.02	5.1	1.03	<0.1	<0.02
SHB1050120	Soil		6.8	12.4	0.28	104.7	0.044	1	1.08	0.009	0.04	<0.1	2.6	0.02	<0.02	25	0.2	<0.02	3.4	0.56	<0.1	0.02
SHB1050121	Soil		6.5	6.7	0.16	58.8	0.036	<1	0.73	0.008	0.03	<0.1	1.7	0.03	<0.02	16	<0.1	<0.02	3.2	0.67	<0.1	<0.02
SHB1050122	Soil		6.3	13.1	0.32	106.0	0.014	<1	1.33	0.007	0.04	<0.1	2.6	0.03	<0.02	21	<0.1	<0.02	4.0	0.82	<0.1	<0.02
SHB1050123	Soil		6.5	8.3	0.15	57.3	0.016	<1	0.81	0.008	0.04	<0.1	1.5	0.03	<0.02	40	<0.1	<0.02	3.6	0.66	<0.1	<0.02
SHB1050124	Soil		5.5	11.5	0.37	69.4	0.007	<1	1.75	0.003	0.03	<0.1	2.7	0.03	<0.02	31	0.1	0.03	4.4	0.76	<0.1	0.02
SHB1050125	Soil		4.7	9.6	0.37	66.7	0.030	2	1.56	0.007	0.05	0.1	3.0	0.06	<0.02	32	0.2	<0.02	5.2	1.60	<0.1	<0.02
SHB1050126	Soil		5.1	10.8	0.39	68.7	0.028	1	1.59	0.006	0.05	<0.1	3.2	0.09	<0.02	33	<0.1	0.03	5.5	2.05	<0.1	<0.02
SHB1050127	Soil		7.8	15.7	0.37	84.1	0.004	<1	1.49	0.008	0.05	<0.1	3.4	0.03	<0.02	34	0.2	<0.02	4.2	0.60	<0.1	<0.02
SHB1050128	Soil		8.4	15.8	0.42	142.5	0.004	<1	2.20	0.011	0.09	<0.1	5.7	0.08	0.02	51	0.4	<0.02	5.9	1.18	<0.1	0.04
SHB1050129	Soil		7.4	13.3	0.39	70.0	0.005	<1	1.44	0.005	0.05	<0.1	2.7	0.02	<0.02	31	<0.1	<0.02	3.8	0.44	<0.1	<0.02
SHB1050130	Soil		5.7	11.9	0.35	68.3	0.007	<1	1.94	0.007	0.08	<0.1	2.9	0.09	<0.02	20	0.3	<0.02	5.3	2.17	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050101	Soil	0.21	5.7	0.3	<0.05	0.2	6.47	14.2	0.05	<1	0.3	10.0	<10	<2
SHB1050102	Soil	0.11	4.6	0.2	<0.05	0.4	10.47	19.2	0.05	2	0.1	11.6	<10	<2
SHB1050103	Soil	0.19	7.1	0.3	<0.05	0.4	6.75	15.3	0.05	<1	0.2	11.1	<10	<2
SHB1050104	Soil	0.16	4.3	0.2	<0.05	0.6	11.26	18.8	0.05	<1	0.4	8.8	<10	<2
SHB1050105	Soil	0.19	7.0	0.3	<0.05	0.3	5.03	13.5	0.06	<1	0.3	12.1	<10	<2
SHB1050106	Soil	0.14	6.7	0.3	<0.05	0.5	8.36	16.2	0.07	<1	0.2	9.7	<10	<2
SHB1050107	Soil	0.13	5.2	0.3	<0.05	0.6	5.39	13.3	0.05	<1	0.3	11.4	<10	<2
SHB1050108	Soil	0.18	5.4	0.2	<0.05	0.2	8.18	16.0	0.03	<1	0.3	10.8	<10	<2
SHB1050109	Soil	0.15	6.2	0.3	<0.05	0.4	7.14	18.1	0.06	<1	0.3	11.9	<10	<2
SHB1050110	Soil	0.13	5.3	0.3	<0.05	0.4	6.45	15.6	0.06	<1	0.3	13.5	<10	<2
SHB1050111	Soil	0.12	7.1	0.3	<0.05	0.6	5.20	16.3	0.05	<1	0.3	9.6	<10	<2
SHB1050112	Soil	0.25	7.0	0.3	<0.05	0.8	3.92	11.9	0.05	<1	0.2	10.0	<10	<2
SHB1050113	Soil	0.22	6.9	0.2	<0.05	0.3	5.96	13.8	0.08	<1	0.5	13.1	<10	<2
SHB1050114	Soil	0.23	6.4	0.3	<0.05	0.6	4.57	12.6	0.05	<1	0.3	14.2	<10	<2
SHB1050115	Soil	0.20	6.7	0.4	<0.05	0.7	3.50	13.5	0.04	<1	0.1	8.0	<10	<2
SHB1050116	Soil	0.06	6.4	0.3	<0.05	0.2	5.30	13.0	0.05	<1	0.2	18.0	<10	<2
SHB1050117	Soil	0.30	4.8	0.4	<0.05	0.2	3.67	11.0	0.03	<1	0.3	8.1	<10	<2
SHB1050118	Soil	1.00	7.7	0.6	<0.05	0.5	2.21	11.6	0.03	<1	<0.1	11.4	<10	<2
SHB1050119	Soil	0.32	6.9	0.4	<0.05	0.9	1.76	10.9	0.04	<1	0.2	9.4	<10	<2
SHB1050120	Soil	0.30	3.8	0.3	<0.05	0.7	3.95	13.7	0.02	<1	0.4	6.4	<10	<2
SHB1050121	Soil	0.34	6.3	0.4	<0.05	0.1	2.83	12.8	0.02	<1	0.2	4.9	<10	<2
SHB1050122	Soil	0.29	7.1	0.4	<0.05	0.3	3.01	13.0	0.04	<1	0.3	11.1	<10	<2
SHB1050123	Soil	0.31	7.1	0.4	<0.05	0.1	1.93	12.9	0.03	<1	0.1	5.0	<10	<2
SHB1050124	Soil	0.27	5.9	0.3	<0.05	0.8	2.71	11.1	0.05	<1	0.2	16.6	<10	<2
SHB1050125	Soil	0.31	8.7	0.3	<0.05	0.6	3.73	9.3	0.06	<1	0.3	14.2	<10	<2
SHB1050126	Soil	0.30	7.2	0.4	<0.05	0.7	3.16	10.3	0.08	<1	<0.1	13.0	<10	<2
SHB1050127	Soil	0.24	5.9	0.3	<0.05	0.5	5.96	15.3	0.04	<1	0.2	14.3	<10	<2
SHB1050128	Soil	0.37	8.4	0.4	<0.05	1.4	11.24	19.3	0.07	<1	0.4	16.7	<10	<2
SHB1050129	Soil	0.17	6.0	0.3	<0.05	0.5	2.67	14.3	0.03	<1	0.3	16.8	<10	<2
SHB1050130	Soil	0.23	10.8	0.3	<0.05	0.3	3.24	11.0	0.04	<1	0.4	19.4	<10	<2

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Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050131	Soil		2.01	22.37	9.35	77.2	134	8.1	6.5	196	3.54	50.2	0.2	1.4	0.7	6.8	0.19	0.51	0.19	36	0.10	0.026
SHB1050132	Soil		21.45	4737	5748	>10000	60787	43.6	17.2	408	8.46	441.8	1.5	511.4	1.4	40.5	219.4	104.3	29.05	35	1.15	0.047
SHB1050133	Soil		0.48	11.42	20.12	88.1	220	3.7	0.7	101	0.19	8.8	2.4	4.1	0.2	265.9	0.84	2.80	0.16	11	17.89	0.012
SHB1050134	Soil		1.60	11.44	17.71	111.3	109	6.9	5.2	221	2.45	31.2	0.1	6.3	0.6	9.4	0.28	1.48	0.30	38	0.08	0.015
SHB1050135	Soil		0.89	8.42	11.00	59.4	90	6.2	4.3	148	2.13	10.3	0.1	1.2	0.8	17.6	0.14	0.46	0.12	34	0.18	0.016
SHB1050136	Soil		2.01	23.97	18.52	106.9	195	14.6	14.6	753	5.35	19.3	0.2	10.6	0.9	23.8	0.24	0.72	0.18	66	0.20	0.033
SHB1050137	Soil		0.76	10.03	11.79	139.9	121	8.4	8.5	467	2.46	16.1	<0.1	1.7	0.5	15.7	0.38	0.50	0.13	37	0.19	0.027
SHB1050138	Soil		1.63	8.56	11.08	83.9	102	8.1	4.6	174	2.49	22.8	0.1	31.1	0.7	14.7	0.20	0.84	0.20	36	0.19	0.013
SHB1050139	Soil		1.51	10.04	12.61	85.1	114	9.2	5.4	185	2.53	21.5	0.1	3.6	0.7	17.9	0.19	0.78	0.19	36	0.25	0.015
SHB1050140	Soil		1.82	56.80	20.76	156.9	286	26.6	16.8	824	4.40	24.7	0.5	2.0	1.2	34.4	0.34	0.59	0.24	40	0.63	0.050
SHB1050141	Soil		0.74	17.34	6.95	81.7	88	16.0	8.4	270	2.63	7.7	0.2	9.8	0.7	23.6	0.10	0.21	0.10	31	0.32	0.020
SHB1050142	Soil		0.59	4.04	5.65	32.4	21	2.6	1.6	72	1.38	6.5	<0.1	1.2	0.5	7.0	0.07	0.24	0.08	31	0.11	0.018
SHB1050143	Soil		1.43	11.89	6.41	127.1	85	15.7	12.2	435	3.11	8.8	0.1	1.2	0.6	15.6	0.16	0.34	0.13	35	0.47	0.032
SHB1050144	Soil		3.91	13.32	11.39	142.9	101	9.5	4.9	190	4.20	26.5	<0.1	1.4	0.5	6.0	0.28	0.81	0.24	44	0.11	0.039
SHB1050145	Soil		2.12	8.72	7.65	53.9	60	3.2	2.9	112	3.05	16.8	<0.1	2.3	0.4	5.9	0.17	0.63	0.18	41	0.08	0.024
SHB1050146	Soil		2.31	7.45	6.68	100.4	96	3.8	3.9	188	2.87	15.1	<0.1	1.0	0.2	7.1	0.12	0.56	0.25	44	0.24	0.036
SHB1050147	Soil		0.91	7.07	6.62	109.4	80	3.8	2.8	158	2.59	11.8	<0.1	0.7	0.4	6.7	0.19	0.48	0.13	35	0.13	0.042
SHB1050148	Soil		0.77	7.80	9.45	69.0	137	6.3	5.3	175	2.99	11.6	0.1	0.9	0.5	7.4	0.07	0.42	0.12	44	0.08	0.019
SHB1050149	Soil		0.70	4.37	3.71	24.1	20	1.7	1.1	52	1.44	5.7	<0.1	0.6	0.4	11.1	0.04	0.29	0.08	36	0.09	0.022
SHB1050150	Soil		3.16	25.38	21.06	113.4	154	11.8	11.8	524	3.67	55.1	0.3	1.4	0.9	45.1	0.31	0.44	0.36	52	0.54	0.033
SHB1050001	Soil		1.20	21.12	10.40	101.7	182	11.0	7.5	610	2.60	15.4	0.3	1.5	0.4	30.8	0.38	0.48	0.20	39	0.35	0.032
SHB1050002	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050003	Soil		0.94	25.03	10.44	83.7	211	9.9	7.2	771	2.84	11.3	0.3	1.3	0.4	49.0	0.43	0.35	0.20	40	0.60	0.047
SHB1050004	Soil		0.80	9.09	10.16	101.2	95	7.7	7.0	477	3.00	15.5	0.2	1.0	0.5	10.2	0.17	0.55	0.19	48	0.12	0.032
SHB1050005	Soil		0.74	8.45	8.76	85.3	126	7.3	5.6	279	2.78	9.4	0.2	0.3	0.5	12.8	0.10	0.44	0.11	46	0.13	0.055
SHB1050006	Soil		0.84	11.87	9.83	66.8	113	7.7	5.9	275	3.05	13.3	0.2	1.2	0.7	15.6	0.08	0.65	0.11	52	0.14	0.032
SHB1050007	Soil		0.64	26.48	8.39	95.9	222	13.5	7.1	355	3.00	9.8	0.3	0.8	0.6	57.7	0.29	0.30	0.12	39	0.58	0.034
SHB1050008	Soil		1.07	13.99	9.64	81.4	87	12.5	9.3	328	3.39	12.1	0.2	1.2	0.8	17.0	0.10	0.44	0.10	46	0.16	0.025
SHB1050009	Soil		0.73	10.25	4.38	116.5	76	11.7	8.0	250	3.47	8.0	0.1	0.3	0.6	9.8	0.09	0.23	0.07	39	0.08	0.023
SHB1050010	Soil		1.26	20.14	10.58	92.9	239	12.3	10.7	675	2.66	12.9	0.2	3.6	0.5	37.3	0.21	0.38	0.20	35	0.47	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050131	Soil	5.8	12.1	0.34	40.7	0.001	<1	1.73	0.006	0.06	<0.1	3.1	0.05	<0.02	23	0.1	0.03	3.9	2.07	<0.1	<0.02
SHB1050132	Soil	6.3	23.7	0.63	15.7	0.071	5	0.79	0.046	0.08	0.5	2.5	12.82	8.22	6764	80.2	0.24	5.9	0.34	0.2	0.16
SHB1050133	Soil	1.1	4.4	7.56	26.0	0.003	3	0.13	0.161	0.02	0.2	0.3	0.03	0.31	38	0.5	0.03	0.4	0.15	<0.1	0.03
SHB1050134	Soil	7.7	9.8	0.27	40.1	0.006	<1	1.10	0.007	0.04	<0.1	2.6	0.06	<0.02	41	0.1	<0.02	3.9	1.11	<0.1	<0.02
SHB1050135	Soil	10.9	9.2	0.22	47.9	0.002	<1	1.06	0.007	0.05	<0.1	1.8	0.03	<0.02	36	<0.1	0.02	3.4	0.60	<0.1	<0.02
SHB1050136	Soil	10.4	16.4	0.59	107.3	0.002	<1	2.21	0.011	0.06	<0.1	3.6	0.04	<0.02	39	0.2	0.05	5.9	0.68	<0.1	<0.02
SHB1050137	Soil	6.8	11.4	0.22	94.7	0.001	1	1.04	0.008	0.09	<0.1	1.8	0.04	<0.02	25	0.1	<0.02	4.1	0.40	<0.1	<0.02
SHB1050138	Soil	9.5	9.4	0.24	50.1	0.001	<1	0.97	0.005	0.04	<0.1	1.8	0.04	<0.02	18	0.1	0.05	3.5	0.40	<0.1	<0.02
SHB1050139	Soil	8.5	10.6	0.25	50.6	<0.001	<1	1.11	0.006	0.04	<0.1	1.9	0.04	<0.02	24	<0.1	<0.02	3.6	0.48	<0.1	<0.02
SHB1050140	Soil	13.9	19.0	0.32	125.8	<0.001	<1	2.04	0.010	0.06	<0.1	6.3	0.07	<0.02	47	0.3	0.05	5.4	1.21	<0.1	0.05
SHB1050141	Soil	11.0	15.2	0.35	79.7	<0.001	<1	1.59	0.008	0.05	<0.1	3.2	0.05	<0.02	21	0.1	<0.02	3.9	0.61	<0.1	<0.02
SHB1050142	Soil	10.8	5.5	0.07	38.8	<0.001	<1	0.67	0.007	0.06	<0.1	1.0	0.04	<0.02	15	0.1	<0.02	3.3	0.30	<0.1	<0.02
SHB1050143	Soil	8.3	17.4	0.34	68.6	<0.001	<1	1.54	0.008	0.05	<0.1	2.3	0.04	<0.02	25	0.1	<0.02	4.4	0.60	<0.1	<0.02
SHB1050144	Soil	4.0	12.7	0.21	55.8	0.001	<1	1.33	0.005	0.04	<0.1	1.9	0.05	0.02	38	0.2	0.04	5.3	0.65	<0.1	<0.02
SHB1050145	Soil	5.4	7.9	0.10	55.4	<0.001	<1	0.92	0.007	0.05	<0.1	1.3	0.05	<0.02	18	0.2	0.02	4.5	0.71	<0.1	<0.02
SHB1050146	Soil	3.1	8.8	0.21	29.3	0.007	2	1.01	0.007	0.06	0.2	2.1	0.07	0.03	21	<0.1	0.03	5.6	1.78	<0.1	<0.02
SHB1050147	Soil	6.6	9.0	0.21	49.9	0.001	<1	0.95	0.005	0.06	<0.1	1.5	0.04	<0.02	18	0.1	<0.02	4.4	0.33	<0.1	<0.02
SHB1050148	Soil	6.1	10.9	0.24	77.9	0.002	<1	1.37	0.006	0.04	<0.1	2.0	0.05	<0.02	20	0.1	<0.02	4.8	0.79	<0.1	<0.02
SHB1050149	Soil	9.4	5.0	0.05	37.1	0.002	1	0.52	0.006	0.04	<0.1	0.9	0.04	<0.02	10	0.1	<0.02	3.7	0.59	<0.1	<0.02
SHB1050150	Soil	6.1	18.4	0.27	91.3	0.001	<1	1.89	0.008	0.06	<0.1	4.5	0.08	<0.02	44	0.2	0.05	5.9	1.22	<0.1	0.02
SHB1050001	Soil	6.9	13.9	0.34	79.4	0.010	<1	1.28	0.011	0.07	<0.1	3.5	0.06	<0.02	23	0.1	0.02	4.1	0.89	<0.1	<0.02
SHB1050002	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050003	Soil	7.0	12.5	0.24	113.1	0.004	<1	1.23	0.012	0.07	<0.1	3.3	0.05	0.03	30	0.3	<0.02	4.1	0.77	<0.1	0.03
SHB1050004	Soil	5.2	11.7	0.26	62.3	0.012	<1	1.31	0.008	0.04	<0.1	2.5	0.05	<0.02	24	0.1	0.02	4.8	1.04	<0.1	<0.02
SHB1050005	Soil	6.0	12.5	0.26	73.3	0.010	<1	1.23	0.007	0.04	<0.1	2.4	0.04	<0.02	22	<0.1	<0.02	4.3	0.67	<0.1	<0.02
SHB1050006	Soil	6.3	13.1	0.28	76.2	0.019	<1	1.22	0.010	0.05	<0.1	3.0	0.03	<0.02	14	0.1	<0.02	3.8	0.41	<0.1	<0.02
SHB1050007	Soil	7.8	15.8	0.36	94.2	0.006	<1	1.41	0.025	0.05	<0.1	5.1	0.03	<0.02	37	<0.1	<0.02	3.8	0.53	<0.1	0.04
SHB1050008	Soil	6.9	17.0	0.37	62.0	0.007	<1	1.52	0.008	0.06	<0.1	3.1	0.03	<0.02	27	0.1	0.02	3.9	0.52	<0.1	<0.02
SHB1050009	Soil	7.0	13.9	0.39	50.0	0.002	<1	1.63	0.005	0.04	<0.1	2.5	0.03	<0.02	12	0.2	0.03	4.4	0.42	<0.1	<0.02
SHB1050010	Soil	6.9	14.4	0.37	73.0	0.003	<1	1.52	0.013	0.06	<0.1	4.0	0.08	0.03	40	0.2	<0.02	4.1	0.92	<0.1	<0.02

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	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050131	Soil	0.06	7.7	0.3	<0.05	0.3	3.94	11.5	0.05	<1	0.2	16.2	<10	<2
SHB1050132	Soil	0.41	3.5	47.5	<0.05	5.2	6.32	13.0	2.73	22	<0.1	6.2	<10	<2
SHB1050133	Soil	0.09	1.0	0.3	<0.05	0.7	1.31	1.8	<0.02	2	<0.1	1.2	<10	<2
SHB1050134	Soil	0.35	8.3	0.2	<0.05	0.6	2.36	14.6	0.05	<1	0.1	15.3	<10	<2
SHB1050135	Soil	0.19	7.5	0.3	<0.05	0.3	1.71	20.8	0.03	1	<0.1	11.4	<10	<2
SHB1050136	Soil	0.32	6.2	0.4	<0.05	0.9	5.31	20.2	0.05	<1	0.3	20.3	<10	<2
SHB1050137	Soil	0.55	9.5	0.4	<0.05	0.4	1.26	13.0	0.03	<1	0.2	11.1	<10	<2
SHB1050138	Soil	0.18	6.9	0.2	<0.05	0.3	1.59	18.7	0.05	<1	0.2	9.1	<10	<2
SHB1050139	Soil	0.18	6.4	0.2	<0.05	0.4	1.57	16.8	0.05	2	0.1	11.8	<10	<2
SHB1050140	Soil	1.05	9.7	0.5	<0.05	1.5	14.74	20.7	0.09	<1	0.5	31.6	<10	<2
SHB1050141	Soil	0.31	7.0	0.3	<0.05	0.5	5.30	19.3	0.04	<1	0.2	23.0	<10	<2
SHB1050142	Soil	0.29	4.4	0.3	<0.05	0.2	1.22	20.6	<0.02	<1	<0.1	2.3	<10	<2
SHB1050143	Soil	0.51	7.3	0.4	<0.05	0.5	2.89	15.3	0.04	<1	0.1	23.7	<10	<2
SHB1050144	Soil	1.36	6.7	0.4	<0.05	0.7	1.55	7.7	0.04	<1	0.1	17.4	<10	<2
SHB1050145	Soil	0.24	9.0	0.3	<0.05	0.3	1.05	10.3	0.03	<1	0.1	8.2	<10	<2
SHB1050146	Soil	1.03	12.3	0.4	<0.05	0.2	1.69	6.2	0.04	<1	0.1	17.2	<10	<2
SHB1050147	Soil	0.70	5.9	0.3	<0.05	0.2	1.10	12.4	0.03	<1	<0.1	10.6	<10	<2
SHB1050148	Soil	0.42	7.4	0.3	<0.05	0.6	1.63	11.7	0.04	1	0.2	18.3	<10	<2
SHB1050149	Soil	0.51	5.8	0.3	<0.05	<0.1	0.95	17.3	0.02	<1	<0.1	1.6	<10	<2
SHB1050150	Soil	0.83	9.4	0.4	<0.05	1.0	4.28	15.8	0.08	<1	0.4	26.7	<10	<2
SHB1050001	Soil	0.48	7.6	0.3	<0.05	0.3	6.26	13.6	0.04	<1	0.3	13.0	<10	<2
SHB1050002	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050003	Soil	0.56	8.9	0.4	<0.05	0.4	7.39	13.8	0.04	<1	0.4	12.7	<10	<2
SHB1050004	Soil	0.54	6.6	0.4	<0.05	0.5	2.14	10.6	0.04	<1	0.2	12.8	<10	<2
SHB1050005	Soil	0.50	6.0	0.4	<0.05	0.3	2.27	12.2	0.03	<1	0.2	11.7	<10	<2
SHB1050006	Soil	0.38	3.0	0.4	<0.05	0.7	2.78	12.8	0.03	1	0.1	11.6	<10	<2
SHB1050007	Soil	0.54	6.0	0.3	<0.05	1.2	7.87	13.8	0.05	<1	0.4	46.1	<10	<2
SHB1050008	Soil	0.32	6.2	0.3	<0.05	0.8	2.76	14.1	0.03	<1	0.3	20.6	<10	<2
SHB1050009	Soil	0.27	6.1	0.3	<0.05	0.5	1.57	13.5	0.02	<1	0.2	29.5	<10	<2
SHB1050010	Soil	0.43	7.0	0.3	<0.05	0.6	7.08	13.4	0.04	1	0.3	20.4	<10	<2

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Lions Gate Metals**
880-609 Granville St. PO Box 10321, Pacific Centre
Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050011	Soil		1.02	15.89	11.30	125.2	166	18.5	10.7	325	3.93	17.8	0.2	1.3	0.7	17.8	0.17	0.63	0.13	49	0.18	0.035
SHB1050012	Soil		0.86	12.58	6.73	79.1	67	10.4	6.1	307	3.10	11.8	0.2	1.6	0.8	12.6	0.09	0.41	0.12	41	0.14	0.019
SHB1050013	Soil		0.98	7.31	5.13	50.7	117	3.1	2.9	130	1.84	10.6	<0.1	0.7	0.3	7.2	0.08	0.29	0.13	30	0.10	0.038
SHB1050014	Soil		0.93	10.98	8.99	145.5	396	6.5	5.7	224	3.23	15.1	<0.1	0.5	0.4	10.3	0.26	0.40	0.24	42	0.13	0.078
SHB1050015	Soil		0.83	19.77	8.46	83.5	107	11.9	7.7	368	2.93	11.0	0.2	0.9	0.6	27.7	0.19	0.31	0.12	40	0.30	0.023
SHB1050016	Soil		1.74	26.61	11.35	110.6	273	11.2	10.1	759	3.42	23.9	0.2	1.1	0.6	22.8	0.42	0.53	0.26	42	0.60	0.042
SHB1050017	Soil		1.01	18.68	9.20	94.0	176	10.4	9.8	682	3.05	17.5	0.2	1.5	0.6	18.9	0.30	0.51	0.19	38	0.45	0.035
SHB1050018	Soil		0.31	1.45	4.78	14.4	71	2.4	0.9	102	0.17	6.0	1.8	3.5	0.1	232.9	0.29	1.54	0.04	11	17.56	0.012
SHB1050019	Soil		0.66	14.43	13.76	60.8	86	8.9	17.4	685	3.00	9.0	0.2	1.0	0.6	17.2	0.12	0.26	0.09	35	0.32	0.031
SHB1050020	Soil		0.75	10.17	5.35	69.6	36	6.7	4.6	184	3.03	8.1	0.1	0.7	0.6	14.7	0.10	0.29	0.08	36	0.18	0.021
SHB1050021	Soil		1.26	11.47	14.25	128.7	218	4.6	5.6	288	3.39	13.2	<0.1	0.7	0.4	8.9	0.24	0.23	0.16	51	0.15	0.120
SHB1050022	Soil		22.10	5179	6263	>10000	65205	41.2	17.3	397	8.89	468.7	1.4	476.5	1.4	32.9	219.9	36.45	25.68	36	1.15	0.043
SHB1050023	Soil		1.41	8.44	15.79	119.1	125	3.4	3.7	204	3.54	13.3	<0.1	3.9	0.5	15.0	0.37	0.48	0.32	52	0.17	0.133
SHB1050024	Soil		1.46	34.56	14.39	127.6	338	13.4	11.0	1100	2.79	13.8	0.4	2.2	0.7	72.4	0.45	0.45	0.46	40	0.60	0.044
SHB1050025	Soil		2.03	22.03	11.30	108.8	283	9.3	8.4	471	2.48	19.3	0.2	4.4	0.5	45.3	0.34	0.58	0.46	37	0.47	0.029
SHB1050026	Soil		1.82	12.04	7.87	97.8	73	8.4	5.8	272	2.92	17.0	0.2	1.4	0.7	19.6	0.13	0.62	0.20	36	0.15	0.020
SHB1050027	Soil		0.81	9.50	6.41	85.9	60	9.6	5.4	208	3.13	10.7	0.2	1.4	0.6	18.8	0.09	0.50	0.13	39	0.15	0.023
SHB1050028	Soil		0.79	9.82	6.15	83.6	59	9.8	5.8	209	3.15	10.5	0.2	0.8	0.6	18.1	0.10	0.48	0.11	41	0.15	0.023
SHB1050029	Soil		0.93	10.41	9.75	126.7	89	10.1	6.5	269	3.40	16.5	0.2	0.8	0.8	24.0	0.17	0.79	0.18	53	0.16	0.020
SHB1050030	Soil		0.79	5.40	4.89	64.0	56	5.5	4.9	170	2.72	8.6	0.1	2.8	0.5	13.7	0.10	0.36	0.09	38	0.11	0.020
SHB1050031	Soil		0.50	11.08	6.28	57.6	114	3.9	6.6	415	1.65	5.1	0.1	<0.2	0.4	21.8	0.35	0.27	0.10	33	0.18	0.018
SHB1050032	Soil		0.20	1.84	5.40	18.9	94	2.2	0.3	101	0.12	5.9	2.3	3.4	0.2	257.1	0.39	2.46	0.10	10	15.19	0.010
SHB1050033	Soil		2.12	10.05	7.65	136.7	116	5.4	4.3	233	2.34	13.8	0.1	0.5	0.4	32.9	0.28	0.51	0.18	35	0.46	0.025
SHB1050034	Soil		0.99	16.74	9.89	89.9	335	11.0	7.9	278	3.66	12.5	0.2	3.0	1.0	16.9	0.13	0.64	0.13	45	0.13	0.022
SHB1050035	Soil		1.21	9.60	7.08	180.3	76	9.1	6.9	403	2.76	17.1	0.1	2.2	0.5	19.0	0.16	0.66	0.21	42	0.22	0.022
SHB1050036	Soil		2.55	14.90	9.25	107.9	82	9.9	8.4	426	2.79	16.7	0.3	<0.2	0.7	19.1	0.12	0.53	0.21	37	0.21	0.026
SHB1050037	Soil		3.13	15.25	10.06	139.9	130	10.0	11.4	860	2.67	35.0	0.3	3.3	0.5	38.7	0.45	0.75	0.28	35	0.33	0.029
SHB1050038	Soil		2.73	14.59	10.91	83.5	208	6.2	8.6	735	2.22	20.0	0.2	<0.2	0.3	55.9	0.40	0.48	0.26	32	0.66	0.037
SHB1050039	Soil		2.38	15.94	12.96	122.9	283	6.4	8.9	595	2.80	23.8	0.2	0.6	0.5	31.9	0.38	0.50	0.29	37	0.38	0.030
SHB1050040	Soil		0.70	11.13	9.07	152.7	72	7.6	7.3	386	2.59	13.0	0.1	2.7	0.4	28.5	0.16	0.65	0.26	43	0.30	0.023

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050011	Soil		6.0	16.7	0.42	85.4	0.009	<1	1.75	0.009	0.06	<0.1	3.6	0.03	<0.02	25	0.1	0.02	4.4	0.66	<0.1	<0.02
SHB1050012	Soil		7.5	15.1	0.43	55.4	0.006	<1	1.46	0.009	0.05	<0.1	3.2	0.04	<0.02	18	<0.1	<0.02	4.2	0.63	<0.1	<0.02
SHB1050013	Soil		5.7	6.6	0.18	37.6	0.003	<1	0.90	0.007	0.05	<0.1	1.6	0.06	<0.02	19	0.1	0.03	3.8	0.85	<0.1	<0.02
SHB1050014	Soil		3.5	11.5	0.32	59.1	0.004	<1	1.75	0.007	0.07	<0.1	2.8	0.10	0.02	34	0.2	0.04	5.5	1.79	<0.1	<0.02
SHB1050015	Soil		8.4	14.0	0.38	79.5	0.004	<1	1.40	0.007	0.06	<0.1	3.4	0.03	<0.02	18	<0.1	<0.02	3.9	0.41	<0.1	<0.02
SHB1050016	Soil		7.3	14.3	0.36	95.0	0.002	<1	1.72	0.010	0.06	<0.1	4.6	0.07	0.02	47	0.2	0.02	4.6	0.69	<0.1	0.03
SHB1050017	Soil		6.8	13.3	0.35	67.6	0.003	<1	1.45	0.006	0.05	<0.1	3.7	0.06	0.02	37	0.2	0.03	4.0	0.54	<0.1	0.04
SHB1050018	Soil		1.0	4.3	8.33	20.1	0.004	4	0.14	0.177	0.02	0.1	0.4	0.03	0.42	<5	0.4	0.03	0.4	0.08	<0.1	<0.02
SHB1050019	Soil		6.2	13.4	0.40	52.2	0.002	<1	1.40	0.007	0.06	<0.1	3.0	0.03	0.02	21	0.2	<0.02	3.3	0.34	<0.1	<0.02
SHB1050020	Soil		6.6	12.0	0.31	37.5	0.002	<1	1.34	0.006	0.04	<0.1	2.3	0.03	<0.02	10	0.1	<0.02	3.9	0.39	<0.1	<0.02
SHB1050021	Soil		3.8	11.0	0.24	55.0	0.003	<1	2.13	0.008	0.07	<0.1	3.4	0.11	0.03	46	0.2	0.03	6.7	1.63	<0.1	<0.02
SHB1050022	Soil		6.0	24.3	0.66	22.3	0.054	3	0.89	0.062	0.09	0.6	2.7	13.63	8.50	7643	79.3	0.33	5.6	0.31	0.2	0.20
SHB1050023	Soil		3.4	8.9	0.25	68.7	0.004	<1	1.50	0.012	0.08	0.1	2.4	0.12	0.04	43	<0.1	0.03	6.7	1.94	<0.1	<0.02
SHB1050024	Soil		7.7	15.5	0.41	101.4	0.004	<1	1.85	0.019	0.08	0.2	4.8	0.12	0.03	54	0.3	0.03	5.4	1.93	<0.1	<0.02
SHB1050025	Soil		5.8	11.6	0.42	70.6	0.006	<1	1.49	0.014	0.07	0.2	3.8	0.11	<0.02	23	<0.1	0.06	5.1	1.55	<0.1	<0.02
SHB1050026	Soil		7.8	13.8	0.40	69.8	0.008	<1	1.48	0.009	0.04	<0.1	2.7	0.05	<0.02	18	<0.1	<0.02	3.9	0.95	<0.1	<0.02
SHB1050027	Soil		6.2	13.7	0.39	78.5	0.005	<1	1.44	0.008	0.03	<0.1	2.6	0.03	<0.02	23	<0.1	0.03	4.0	0.57	<0.1	<0.02
SHB1050028	Soil		6.8	13.7	0.39	77.9	0.006	1	1.45	0.008	0.04	<0.1	2.6	0.03	<0.02	14	0.2	0.02	3.9	0.59	<0.1	<0.02
SHB1050029	Soil		7.7	15.4	0.39	92.1	0.016	<1	1.57	0.011	0.04	0.1	3.1	0.04	<0.02	10	0.2	0.03	4.7	0.86	<0.1	<0.02
SHB1050030	Soil		6.7	10.0	0.24	56.0	0.004	<1	1.06	0.008	0.05	<0.1	1.8	<0.02	<0.02	12	0.1	<0.02	3.9	0.45	<0.1	<0.02
SHB1050031	Soil		7.4	5.9	0.08	91.7	0.005	<1	0.76	0.009	0.06	<0.1	1.4	0.03	<0.02	15	0.1	<0.02	3.1	0.61	<0.1	<0.02
SHB1050032	Soil		1.1	3.3	8.60	22.0	0.003	4	0.10	0.200	0.02	0.3	0.5	<0.02	0.45	6	0.8	<0.02	0.3	0.06	<0.1	<0.02
SHB1050033	Soil		4.8	9.8	0.37	43.6	0.006	<1	1.23	0.013	0.07	0.2	2.8	0.09	0.02	21	0.2	<0.02	5.2	2.05	<0.1	<0.02
SHB1050034	Soil		9.5	16.2	0.41	60.0	0.003	<1	1.71	0.007	0.04	<0.1	3.1	0.03	<0.02	19	0.3	<0.02	4.6	0.64	<0.1	<0.02
SHB1050035	Soil		5.0	9.9	0.41	62.1	0.014	1	1.57	0.009	0.07	0.1	3.0	0.07	<0.02	22	0.1	<0.02	5.5	2.07	<0.1	<0.02
SHB1050036	Soil		7.5	12.5	0.39	71.5	0.004	<1	1.74	0.010	0.05	0.2	3.8	0.09	<0.02	51	0.3	<0.02	4.8	1.36	<0.1	<0.02
SHB1050037	Soil		7.8	11.8	0.41	69.7	0.007	<1	1.49	0.013	0.08	<0.1	3.6	0.09	<0.02	50	0.4	<0.02	4.4	1.42	<0.1	<0.02
SHB1050038	Soil		4.9	8.4	0.30	55.2	0.005	<1	1.25	0.012	0.06	0.2	2.7	0.08	0.04	49	0.4	<0.02	4.4	1.56	<0.1	<0.02
SHB1050039	Soil		6.0	10.0	0.41	52.6	0.007	<1	1.53	0.011	0.07	0.2	3.6	0.13	0.03	43	0.3	0.02	5.4	2.33	<0.1	<0.02
SHB1050040	Soil		5.2	10.2	0.40	60.6	0.029	<1	1.45	0.012	0.10	0.2	3.5	0.11	<0.02	10	0.3	0.02	5.4	2.18	<0.1	<0.02

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050011	Soil	0.40	6.0	0.3	<0.05	0.8	2.86	13.1	0.04	<1	0.3	20.5	<10	<2
SHB1050012	Soil	0.24	5.0	0.3	<0.05	0.9	3.77	14.5	0.03	<1	0.2	19.8	<10	<2
SHB1050013	Soil	0.31	9.6	0.3	<0.05	0.1	2.12	11.0	0.02	<1	0.1	8.5	<10	<2
SHB1050014	Soil	0.48	12.3	0.3	<0.05	0.5	1.95	6.8	0.04	<1	0.2	26.5	<10	<2
SHB1050015	Soil	0.35	4.7	0.3	<0.05	0.8	6.25	16.1	0.03	<1	0.3	18.1	<10	<2
SHB1050016	Soil	0.32	6.4	0.3	<0.05	0.9	9.70	12.7	0.06	1	0.3	17.9	<10	<2
SHB1050017	Soil	0.33	5.0	0.3	<0.05	0.6	6.96	13.0	0.05	<1	0.2	17.1	<10	<2
SHB1050018	Soil	0.09	0.8	<0.1	<0.05	0.5	1.25	1.7	<0.02	3	0.2	1.5	<10	<2
SHB1050019	Soil	0.23	4.1	0.3	<0.05	0.4	4.28	12.4	0.03	<1	0.2	19.9	<10	<2
SHB1050020	Soil	0.40	6.6	0.3	<0.05	0.7	1.40	12.8	0.03	<1	0.1	20.7	<10	<2
SHB1050021	Soil	0.56	11.5	0.3	<0.05	0.6	2.06	7.5	0.04	<1	0.5	31.2	<10	<2
SHB1050022	Soil	0.48	3.1	45.5	<0.05	5.6	5.70	12.8	2.87	14	0.2	6.3	<10	<2
SHB1050023	Soil	0.49	12.4	0.5	<0.05	0.4	1.68	6.3	0.05	<1	0.2	20.3	<10	<2
SHB1050024	Soil	0.53	12.1	0.4	<0.05	0.9	9.88	17.4	0.06	<1	0.6	21.0	<10	<2
SHB1050025	Soil	0.46	9.8	0.4	<0.05	0.4	5.80	12.2	0.05	<1	0.2	18.7	<10	<2
SHB1050026	Soil	0.21	7.1	0.3	<0.05	0.3	3.72	15.5	0.04	<1	0.4	17.2	<10	<2
SHB1050027	Soil	0.32	5.7	0.4	<0.05	0.5	1.97	12.8	0.04	2	0.2	19.2	<10	<2
SHB1050028	Soil	0.32	5.9	0.4	<0.05	0.5	2.17	13.0	0.03	<1	<0.1	19.7	<10	<2
SHB1050029	Soil	0.44	6.7	0.5	<0.05	0.7	2.63	15.7	0.04	<1	0.1	14.5	<10	<2
SHB1050030	Soil	0.28	6.6	0.4	<0.05	0.4	1.40	12.9	0.03	<1	0.2	13.0	<10	<2
SHB1050031	Soil	0.29	8.4	0.4	<0.05	0.2	1.42	13.6	<0.02	2	0.1	3.3	<10	<2
SHB1050032	Soil	0.08	1.0	0.2	<0.05	0.7	1.16	1.7	<0.02	<1	0.1	1.2	<10	<2
SHB1050033	Soil	0.41	14.5	0.3	<0.05	0.3	3.84	7.5	0.03	<1	<0.1	19.3	<10	<2
SHB1050034	Soil	0.21	6.5	0.4	<0.05	0.7	1.79	18.3	0.05	2	0.1	20.6	<10	<2
SHB1050035	Soil	0.58	11.6	0.4	<0.05	0.5	2.79	9.6	0.04	2	0.3	24.4	<10	<2
SHB1050036	Soil	0.51	10.3	0.4	<0.05	0.7	5.51	14.9	0.04	<1	0.3	20.3	<10	<2
SHB1050037	Soil	0.41	12.0	0.3	<0.05	0.4	6.10	15.9	0.05	<1	0.4	17.2	<10	<2
SHB1050038	Soil	0.46	9.4	0.3	<0.05	0.3	4.75	9.6	0.04	<1	0.1	15.5	<10	<2
SHB1050039	Soil	0.57	11.1	0.3	<0.05	0.6	6.76	10.6	0.04	<1	0.3	21.2	<10	<2
SHB1050040	Soil	0.55	13.2	0.4	<0.05	0.3	4.74	10.3	0.05	2	<0.1	23.6	<10	<2

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Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050041	Rock Pulp	22.53	5264	5912	>10000	65454	45.7	19.1	444	8.75	468.6	1.5	520.8	1.5	41.3	234.0	67.26	30.18	35	1.09	0.047
SHB1050042	Soil	1.05	9.12	13.19	81.4	221	2.9	2.8	190	3.00	14.3	0.1	0.6	0.5	12.0	0.24	0.46	0.42	52	0.12	0.196
SHB1050043	Soil	1.83	20.47	12.85	114.3	268	11.0	7.6	266	3.61	24.5	0.1	0.4	0.7	6.7	0.22	0.59	0.31	46	0.08	0.086
SHB1050044	Soil	0.75	11.13	5.36	46.1	99	5.3	3.1	118	2.09	6.0	0.1	<0.2	0.5	23.6	0.07	0.35	0.12	33	0.24	0.028
SHB1050045	Soil	0.81	15.76	11.59	99.9	108	12.0	8.5	449	2.91	15.3	0.2	0.5	0.8	28.9	0.16	0.69	0.22	40	0.26	0.024
SHB1050046	Soil	0.56	11.73	11.06	103.7	164	14.6	11.5	454	2.99	11.7	0.2	<0.2	0.9	32.0	0.21	0.39	0.23	38	0.37	0.023
SHB1050047	Soil	0.54	10.73	10.77	109.3	139	14.8	11.2	414	2.99	11.2	0.2	1.3	0.8	29.9	0.21	0.36	0.15	41	0.36	0.022
SHB1050048	Soil	0.97	38.66	14.68	131.1	344	26.0	17.9	986	3.41	18.3	0.3	0.7	0.9	74.4	0.36	0.52	0.32	43	0.62	0.033
SHB1050049	Soil	0.92	9.92	8.17	100.9	118	6.3	6.2	239	3.27	10.6	0.2	1.2	0.6	43.0	0.15	0.38	0.13	43	0.18	0.033
SHB1050050	Soil	5.93	15.30	12.80	122.7	91	8.6	12.9	948	3.08	25.4	0.3	2.1	0.7	41.0	0.22	0.65	0.34	40	0.45	0.028
SHB1050051	Soil	0.62	4.41	7.59	51.3	62	5.3	3.0	147	1.94	6.8	0.1	19.8	0.7	12.7	0.18	0.39	0.12	40	0.09	0.015
SHB1050052	Soil	23.94	5672	6484	>10000	68936	47.4	18.9	469	9.92	487.9	1.7	520.0	1.7	45.1	255.3	71.34	34.05	38	1.17	0.054
SHB1050053	Soil	0.19	2.48	6.41	23.6	164	1.8	0.3	93	0.13	5.4	2.1	2.8	0.2	272.0	0.36	2.31	0.19	10	14.78	0.011
SHB1050054	Soil	0.90	5.84	8.13	38.4	172	2.3	1.6	121	1.71	13.3	0.1	8.7	0.4	13.5	0.29	0.76	0.14	38	0.16	0.032
SHB1050055	Soil	0.97	6.62	13.09	87.9	178	6.6	4.6	203	2.90	11.9	0.1	17.3	0.6	14.6	0.40	0.61	0.13	47	0.18	0.043
SHB1050056	Soil	0.27	2.53	6.43	44.2	92	1.6	1.9	115	1.30	2.3	0.1	4.3	0.4	7.8	0.09	0.26	0.09	27	0.05	0.017
SHB1050057	Soil	1.00	9.48	16.51	105.8	150	8.0	6.5	261	3.06	13.0	0.1	1.4	0.7	21.6	0.32	1.00	0.14	45	0.25	0.033
SHB1050058	Soil	1.32	43.12	26.05	99.5	698	20.5	15.3	2571	3.63	31.5	0.4	2.7	0.8	134.3	0.86	0.98	0.23	45	1.09	0.046
SHB1050059	Soil	1.53	45.66	24.28	96.7	691	20.7	16.9	2992	4.26	37.3	0.4	8.6	0.7	109.6	0.73	0.88	0.24	44	1.12	0.048
SHB1050060	Soil	2.12	35.00	32.57	263.3	798	10.2	10.9	776	3.97	47.8	0.2	2.7	0.6	9.6	0.81	3.10	0.32	68	0.19	0.104
SHB1050061	Soil	1.41	22.27	15.17	105.6	229	6.0	8.9	748	3.38	28.5	0.3	1.8	0.7	11.0	0.45	1.72	0.19	44	0.24	0.044
SHB1050062	Soil	1.59	23.31	16.96	117.7	99	5.9	8.7	788	3.31	32.9	0.3	1.6	0.7	11.9	0.54	1.68	0.21	44	0.24	0.046
SHB1050063	Soil	1.52	29.64	18.47	122.3	250	7.5	12.5	973	4.54	30.1	0.4	3.6	0.8	14.4	0.53	1.87	0.23	65	0.32	0.058
SHB1050064	Soil	1.45	25.88	18.49	129.0	206	6.9	11.1	1136	3.80	25.4	0.3	1.9	0.9	15.6	0.60	1.63	0.18	49	0.39	0.061
SHB1050065	Soil	1.17	20.77	16.52	128.5	244	5.8	8.3	810	3.45	24.2	0.3	6.7	0.6	10.7	0.38	1.41	0.16	47	0.25	0.034
SHB1050066	Soil	1.55	25.03	17.55	125.4	149	5.8	9.6	1078	3.41	27.8	0.3	1.9	0.6	14.1	0.46	1.50	0.18	46	0.37	0.051
SHB1050151	Soil	2.68	7.99	8.21	89.5	129	6.1	6.0	275	2.90	15.2	0.1	1.1	0.3	13.0	0.16	0.28	0.14	41	0.33	0.021
SHB1050152	Soil	1.49	13.71	5.44	52.1	236	2.3	1.3	104	1.00	5.6	<0.1	<0.2	<0.1	15.0	1.08	0.25	0.17	25	0.35	0.029
SHB1050153	Soil	2.84	4.34	10.57	138.6	172	2.3	3.9	204	2.32	10.8	0.1	1.4	0.3	16.9	0.37	0.55	0.23	50	0.38	0.021
SHB1050154	Soil	0.68	11.35	7.25	76.4	93	5.3	6.7	432	1.89	7.7	0.1	1.0	0.5	52.0	0.19	0.33	0.18	29	0.40	0.027

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CERTIFICATE OF ANALYSIS SMI11000228.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050041	Rock Pulp	6.4	23.6	0.67	13.6	0.071	3	0.86	0.057	0.08	0.6	2.8	12.94	8.78	8625	80.2	0.28	5.9	0.32	0.2	0.17
SHB1050042	Soil	4.0	8.1	0.22	46.7	0.008	<1	1.79	0.010	0.07	0.2	2.7	0.14	<0.02	61	0.4	0.04	7.3	2.29	<0.1	<0.02
SHB1050043	Soil	3.8	12.7	0.44	52.7	0.005	<1	2.11	0.008	0.08	<0.1	3.6	0.14	0.04	62	0.4	0.07	5.7	2.33	<0.1	<0.02
SHB1050044	Soil	9.2	8.1	0.20	63.6	0.002	<1	0.93	0.007	0.05	<0.1	2.1	0.03	<0.02	49	0.3	<0.02	3.5	0.39	<0.1	<0.02
SHB1050045	Soil	9.2	13.5	0.41	76.5	0.011	<1	1.43	0.010	0.10	<0.1	3.7	0.05	<0.02	26	0.1	<0.02	4.0	0.81	<0.1	<0.02
SHB1050046	Soil	10.7	15.0	0.40	83.4	0.003	<1	1.61	0.009	0.06	<0.1	3.0	<0.02	<0.02	31	0.2	0.03	4.3	0.68	<0.1	<0.02
SHB1050047	Soil	11.2	15.7	0.41	79.1	0.003	<1	1.62	0.010	0.06	<0.1	2.9	0.04	<0.02	26	0.1	<0.02	4.5	0.68	<0.1	<0.02
SHB1050048	Soil	10.0	16.8	0.38	120.7	0.004	<1	2.03	0.017	0.10	<0.1	5.6	0.08	0.02	51	0.3	0.04	5.7	1.09	<0.1	0.05
SHB1050049	Soil	6.6	12.8	0.22	90.5	0.002	<1	1.59	0.015	0.07	<0.1	2.2	0.03	0.03	47	0.2	<0.02	5.0	0.69	<0.1	<0.02
SHB1050050	Soil	5.9	12.7	0.38	76.9	0.003	<1	1.86	0.014	0.06	<0.1	3.7	0.13	0.02	44	0.3	<0.02	5.0	1.75	<0.1	<0.02
SHB1050051	Soil	11.6	8.4	0.16	82.0	0.002	<1	0.94	0.008	0.04	<0.1	1.7	0.04	<0.02	23	0.1	<0.02	4.1	0.51	<0.1	<0.02
SHB1050052	Soil	7.1	26.3	0.72	11.9	0.081	5	0.98	0.066	0.09	0.6	2.9	14.55	9.37	9476	89.3	0.31	6.6	0.36	0.2	0.25
SHB1050053	Soil	1.0	2.7	8.38	23.4	0.003	4	0.10	0.201	0.03	0.1	0.5	0.02	0.39	28	0.6	0.03	0.3	0.06	0.1	0.04
SHB1050054	Soil	8.0	5.3	0.10	47.7	0.005	1	0.64	0.006	0.07	<0.1	1.3	0.03	<0.02	36	0.2	<0.02	3.8	0.40	<0.1	<0.02
SHB1050055	Soil	8.9	11.4	0.25	68.8	0.002	<1	0.98	0.009	0.05	<0.1	1.8	0.04	<0.02	43	0.2	<0.02	4.8	0.60	<0.1	<0.02
SHB1050056	Soil	9.6	4.8	0.07	34.9	0.007	<1	0.57	0.008	0.04	<0.1	1.0	0.04	<0.02	28	0.1	<0.02	3.2	0.67	<0.1	<0.02
SHB1050057	Soil	9.2	11.1	0.25	62.6	0.004	1	1.13	0.008	0.09	<0.1	2.1	0.03	0.02	51	0.3	<0.02	4.6	0.67	<0.1	<0.02
SHB1050058	Soil	14.4	17.0	0.40	177.9	0.003	<1	2.05	0.015	0.07	<0.1	7.4	0.10	0.03	128	0.6	<0.02	5.4	1.76	<0.1	0.02
SHB1050059	Soil	14.6	16.9	0.34	148.4	0.002	4	2.00	0.013	0.06	<0.1	8.2	0.13	0.04	102	0.3	0.04	5.0	1.92	<0.1	0.05
SHB1050060	Soil	6.8	15.9	0.58	106.2	0.014	2	1.93	0.008	0.08	<0.1	5.1	0.11	<0.02	40	0.2	0.02	5.4	1.98	<0.1	0.03
SHB1050061	Soil	7.0	9.9	0.47	56.5	0.030	<1	1.08	0.014	0.06	<0.1	4.6	0.06	<0.02	25	<0.1	0.03	3.4	1.18	<0.1	0.04
SHB1050062	Soil	7.1	10.3	0.47	62.9	0.026	1	1.10	0.013	0.06	<0.1	4.4	0.07	<0.02	28	<0.1	0.04	3.8	1.34	<0.1	0.02
SHB1050063	Soil	10.7	13.2	0.54	86.3	0.050	3	1.21	0.013	0.07	<0.1	5.8	0.06	<0.02	30	<0.1	0.07	4.2	1.50	<0.1	0.04
SHB1050064	Soil	10.0	11.4	0.56	102.7	0.029	2	1.26	0.013	0.09	<0.1	5.6	0.07	<0.02	43	0.1	0.05	4.3	1.44	<0.1	0.02
SHB1050065	Soil	7.7	10.6	0.45	96.1	0.018	1	1.21	0.009	0.06	<0.1	4.6	0.05	<0.02	21	<0.1	0.03	3.8	1.30	<0.1	0.03
SHB1050066	Soil	8.4	9.9	0.46	85.5	0.019	2	1.12	0.011	0.08	<0.1	4.9	0.06	<0.02	87	<0.1	0.04	3.8	1.22	<0.1	<0.02
SHB1050151	Soil	3.5	12.8	0.53	49.3	0.005	<1	1.85	0.008	0.07	<0.1	3.4	0.14	<0.02	22	0.1	0.02	6.2	2.73	<0.1	<0.02
SHB1050152	Soil	4.3	6.5	0.08	47.0	0.022	7	0.41	0.012	0.06	0.1	1.0	<0.02	0.04	39	<0.1	<0.02	2.9	2.32	<0.1	<0.02
SHB1050153	Soil	4.4	6.8	0.21	29.1	0.028	2	1.13	0.011	0.10	0.2	2.1	0.22	<0.02	22	<0.1	0.02	7.0	3.27	<0.1	<0.02
SHB1050154	Soil	5.0	7.9	0.17	65.4	0.004	1	0.99	0.011	0.05	0.1	2.0	0.07	<0.02	34	0.1	<0.02	3.7	1.41	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050041	Rock Pulp	0.43	3.6	49.9	<0.05	5.1	6.30	13.5	2.95	14	0.2	6.6	<10	<2
SHB1050042	Soil	0.54	13.0	0.4	<0.05	0.5	2.21	7.7	0.04	2	0.3	16.0	<10	<2
SHB1050043	Soil	0.40	10.9	0.3	<0.05	0.7	2.98	7.7	0.05	<1	0.4	22.3	<10	<2
SHB1050044	Soil	0.41	5.9	0.4	<0.05	0.5	4.48	17.7	0.02	<1	<0.1	8.1	<10	<2
SHB1050045	Soil	0.48	6.0	0.4	<0.05	0.6	5.49	17.7	0.03	<1	0.4	20.2	<10	<2
SHB1050046	Soil	0.23	7.6	0.3	<0.05	0.8	4.58	19.2	0.03	<1	0.2	21.9	<10	<2
SHB1050047	Soil	0.20	7.8	0.3	<0.05	0.6	4.11	20.5	0.03	3	0.3	22.8	<10	<2
SHB1050048	Soil	0.54	9.6	0.5	<0.05	1.1	9.98	18.9	0.05	<1	0.6	27.6	<10	<2
SHB1050049	Soil	0.53	9.4	0.4	<0.05	0.5	1.55	13.0	0.04	<1	0.3	15.2	<10	<2
SHB1050050	Soil	0.51	12.3	0.3	<0.05	0.8	5.75	15.4	0.04	<1	0.4	19.1	<10	<2
SHB1050051	Soil	0.31	4.8	0.3	<0.05	0.6	1.45	22.0	0.03	<1	<0.1	7.5	<10	<2
SHB1050052	Soil	0.47	3.8	53.5	<0.05	6.1	6.87	16.0	3.34	18	0.3	7.0	<10	<2
SHB1050053	Soil	0.05	0.8	<0.1	<0.05	0.7	1.04	1.6	<0.02	1	<0.1	1.1	<10	<2
SHB1050054	Soil	0.27	5.3	0.3	<0.05	0.2	1.37	15.2	<0.02	1	0.1	2.6	<10	<2
SHB1050055	Soil	0.51	9.8	0.4	<0.05	0.2	1.49	16.6	0.03	<1	0.2	10.0	<10	<2
SHB1050056	Soil	0.40	5.6	0.3	<0.05	0.1	1.40	17.8	<0.02	<1	<0.1	2.9	<10	<2
SHB1050057	Soil	0.79	8.3	0.4	<0.05	0.5	1.63	17.9	0.04	<1	0.2	14.6	<10	<2
SHB1050058	Soil	0.53	10.6	0.4	<0.05	1.2	16.76	26.4	0.07	4	0.6	26.8	<10	<2
SHB1050059	Soil	0.39	9.9	0.4	<0.05	1.2	19.55	26.1	0.09	3	0.7	26.4	<10	<2
SHB1050060	Soil	0.24	8.5	0.3	<0.05	0.7	5.37	16.1	0.09	<1	0.4	17.0	<10	<2
SHB1050061	Soil	0.08	4.3	0.3	<0.05	1.3	9.06	15.7	0.05	<1	0.3	12.3	<10	<2
SHB1050062	Soil	0.10	4.7	0.2	<0.05	1.0	8.65	15.5	0.06	<1	0.3	13.0	<10	<2
SHB1050063	Soil	0.12	4.7	0.3	<0.05	1.5	13.78	21.9	0.04	<1	0.4	14.0	<10	<2
SHB1050064	Soil	0.15	5.0	0.3	<0.05	1.2	12.00	21.7	0.05	<1	0.3	14.8	<10	<2
SHB1050065	Soil	0.09	5.3	0.2	<0.05	0.8	8.02	16.8	0.04	<1	0.3	12.9	<10	<2
SHB1050066	Soil	0.12	4.4	0.2	<0.05	0.4	10.19	17.5	0.05	<1	0.3	13.2	<10	<2
SHB1050151	Soil	0.21	11.7	0.3	<0.05	0.2	3.25	6.6	0.03	<1	0.2	29.8	<10	<2
SHB1050152	Soil	0.53	11.4	0.3	<0.05	<0.1	1.64	8.1	<0.02	<1	0.1	1.8	<10	<2
SHB1050153	Soil	0.71	14.7	0.5	<0.05	<0.1	2.68	8.3	0.02	<1	0.2	17.5	<10	<2
SHB1050154	Soil	0.40	10.2	0.3	<0.05	0.2	3.69	9.3	0.03	<1	0.2	15.6	<10	<2

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Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050155	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050156	Soil		0.56	5.90	12.48	87.3	105	2.4	2.5	175	2.65	9.4	0.1	0.8	0.3	5.3	0.22	0.46	0.42	51	0.14	0.128
SHB1050157	Soil		0.73	11.92	12.32	172.9	316	3.5	7.0	472	2.24	7.7	0.1	1.4	0.4	10.2	0.69	0.53	0.34	38	0.19	0.104
SHB1050158	Soil		0.73	11.54	6.10	66.7	119	7.9	4.5	190	3.04	11.8	0.1	0.9	0.7	7.5	0.11	0.48	0.13	36	0.08	0.022
SHB1050159	Soil		0.89	11.63	7.11	78.5	176	1.6	2.2	161	1.32	6.3	<0.1	0.7	0.3	9.3	0.36	0.32	0.16	27	0.22	0.026
SHB1050160	Soil		2.09	9.02	10.75	155.9	121	6.2	5.2	245	2.92	21.3	0.1	4.0	0.3	11.3	0.18	0.62	0.20	41	0.20	0.044
SHB1050161	Soil		1.02	12.61	8.13	97.0	52	16.2	8.9	254	3.41	16.8	0.2	0.8	0.7	13.1	0.10	0.53	0.11	40	0.12	0.022
SHB1050162	Soil		0.88	16.76	8.63	69.6	138	11.4	6.9	408	3.71	12.6	0.2	1.6	0.8	22.0	0.11	0.34	0.11	38	0.28	0.024
SHB1050163	Soil		0.97	15.39	11.58	77.8	101	11.0	6.6	257	3.13	16.4	0.2	1.4	0.9	22.7	0.14	0.46	0.13	37	0.34	0.027
SHB1050164	Soil		1.24	22.50	13.21	64.8	57	9.5	7.8	381	3.72	14.9	0.2	1.1	0.8	20.5	0.09	0.38	0.12	33	0.26	0.030
SHB1050165	Soil		0.84	14.85	11.99	108.4	249	16.9	11.9	312	3.43	15.5	0.2	1.1	1.0	11.2	0.18	0.41	0.11	43	0.12	0.025
SHB1050166	Soil		4.00	15.08	9.03	96.8	173	10.8	8.1	316	3.54	54.8	0.2	0.8	0.7	25.4	0.15	0.47	0.16	43	0.32	0.022
SHB1050167	Soil		2.49	7.76	7.87	52.5	177	3.0	2.4	125	1.82	29.7	<0.1	0.7	0.4	4.9	0.14	0.38	0.15	33	0.09	0.024
SHB1050168	Soil		0.87	9.48	10.81	72.5	161	6.5	4.0	163	2.65	14.9	0.2	0.8	0.8	5.8	0.12	0.55	0.11	44	0.03	0.017
SHB1050169	Soil		0.61	6.29	9.01	50.9	66	5.8	4.0	139	2.68	10.3	0.1	1.0	0.7	9.8	0.13	0.45	0.11	45	0.06	0.024
SHB1050170	Soil		1.95	12.38	8.47	92.1	376	5.8	4.2	173	3.05	27.0	0.1	156.4	0.6	10.4	0.29	0.97	0.18	44	0.10	0.031
SHB1050171	Soil		3.08	21.47	14.34	89.4	269	9.9	7.9	539	3.36	79.4	0.3	0.5	0.5	120.2	0.34	0.62	0.22	44	1.10	0.049
SHB1050172	Soil		0.69	8.01	5.53	57.5	99	5.0	3.7	156	2.07	9.6	<0.1	1.0	0.4	14.2	0.10	0.29	0.08	29	0.24	0.021
SHB1050173	Soil		0.88	24.57	11.13	66.0	246	13.2	11.5	671	2.83	15.2	0.3	1.6	0.6	42.5	0.17	0.38	0.13	34	0.87	0.039
SHB1050174	Soil		0.52	5.18	5.88	47.1	39	3.1	2.2	112	1.44	7.9	0.1	0.7	0.4	14.7	0.09	0.32	0.12	30	0.29	0.015
SHB1050175	Soil		0.94	7.94	8.28	152.1	142	5.9	5.7	280	2.96	14.2	0.1	3.4	0.4	14.2	0.21	0.45	0.19	41	0.23	0.037
SHB1050176	Soil		1.09	10.63	8.93	127.8	59	8.2	5.9	227	3.39	19.0	0.1	0.5	0.6	6.4	0.19	0.63	0.18	41	0.06	0.058
SHB1050177	Soil		1.16	10.44	7.21	96.4	67	8.5	6.0	293	2.63	18.2	0.1	0.6	0.3	9.3	0.15	0.54	0.18	37	0.19	0.044
SHB1050178	Soil		1.09	9.97	11.62	149.1	187	2.8	4.3	260	1.95	14.3	0.1	1.2	<0.1	14.9	0.80	0.62	0.38	34	0.29	0.124

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Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050155	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050156	Soil	3.0	7.1	0.20	30.5	0.023	2	1.23	0.009	0.07	0.2	2.6	0.18	<0.02	31	<0.1	0.04	8.1	3.21	<0.1	<0.02
SHB1050157	Soil	4.4	8.4	0.23	62.2	0.029	2	1.43	0.009	0.11	0.2	2.8	0.18	<0.02	45	<0.1	0.04	7.9	4.11	<0.1	<0.02
SHB1050158	Soil	7.5	11.4	0.27	55.0	0.003	<1	1.41	0.005	0.05	<0.1	2.2	0.05	<0.02	29	<0.1	0.03	4.0	0.92	<0.1	<0.02
SHB1050159	Soil	4.5	5.0	0.13	36.9	0.017	2	0.67	0.007	0.08	<0.1	1.7	0.10	<0.02	20	<0.1	<0.02	4.4	1.40	<0.1	<0.02
SHB1050160	Soil	3.3	10.0	0.29	34.9	0.008	1	1.45	0.006	0.08	<0.1	2.6	0.11	0.02	34	0.1	0.04	6.5	3.28	<0.1	<0.02
SHB1050161	Soil	7.8	14.8	0.38	60.6	0.002	<1	1.69	0.005	0.04	<0.1	2.8	0.04	<0.02	21	<0.1	0.02	4.2	0.83	<0.1	<0.02
SHB1050162	Soil	7.3	18.4	0.54	63.3	0.003	<1	1.90	0.008	0.05	<0.1	4.2	0.05	<0.02	32	<0.1	0.03	5.0	0.90	<0.1	0.03
SHB1050163	Soil	7.2	15.3	0.39	71.4	0.002	1	1.58	0.008	0.05	<0.1	3.6	0.06	0.02	36	0.1	0.02	4.4	0.93	<0.1	<0.02
SHB1050164	Soil	7.4	15.3	0.40	68.1	0.001	<1	1.58	0.006	0.07	<0.1	4.0	0.04	0.03	33	0.2	0.02	4.2	0.77	<0.1	<0.02
SHB1050165	Soil	8.6	16.5	0.34	64.1	0.002	<1	1.94	0.006	0.06	<0.1	2.9	0.05	<0.02	20	0.1	0.04	4.7	0.93	<0.1	<0.02
SHB1050166	Soil	7.6	15.4	0.44	80.0	0.001	<1	1.96	0.008	0.06	<0.1	3.6	0.07	<0.02	28	0.1	0.02	5.0	1.73	<0.1	<0.02
SHB1050167	Soil	7.6	6.9	0.15	51.2	0.004	1	0.98	0.006	0.04	<0.1	1.6	0.07	<0.02	36	0.1	<0.02	4.6	1.38	<0.1	<0.02
SHB1050168	Soil	10.2	10.3	0.22	55.2	0.007	<1	1.19	0.006	0.03	<0.1	2.3	0.05	<0.02	20	<0.1	0.03	4.7	1.10	<0.1	<0.02
SHB1050169	Soil	10.6	9.9	0.16	63.9	0.003	<1	1.04	0.007	0.05	<0.1	1.7	0.05	<0.02	18	<0.1	0.02	5.2	0.77	<0.1	<0.02
SHB1050170	Soil	7.2	9.4	0.22	54.4	0.002	1	1.20	0.005	0.05	<0.1	2.1	0.05	<0.02	30	<0.1	0.04	5.2	1.10	<0.1	<0.02
SHB1050171	Soil	7.2	15.8	0.31	83.5	0.001	<1	1.70	0.010	0.06	<0.1	3.9	0.08	0.05	63	0.5	<0.02	5.3	2.28	<0.1	0.03
SHB1050172	Soil	6.3	8.2	0.19	49.0	0.002	<1	0.91	0.005	0.06	<0.1	1.6	0.03	<0.02	24	0.1	0.02	3.4	0.63	<0.1	<0.02
SHB1050173	Soil	10.0	16.0	0.33	80.5	0.003	<1	1.68	0.011	0.05	<0.1	5.6	0.07	0.03	56	0.1	0.04	4.2	1.60	<0.1	0.03
SHB1050174	Soil	6.9	6.2	0.13	32.3	0.007	1	0.65	0.007	0.05	<0.1	1.5	0.04	<0.02	13	0.1	<0.02	3.7	0.88	<0.1	<0.02
SHB1050175	Soil	5.3	10.9	0.22	80.0	0.005	<1	1.33	0.007	0.07	<0.1	2.2	0.06	<0.02	38	0.2	<0.02	4.9	1.28	<0.1	<0.02
SHB1050176	Soil	6.4	12.5	0.30	47.8	0.006	2	1.61	0.006	0.05	<0.1	2.7	0.06	<0.02	27	0.1	<0.02	5.0	1.34	<0.1	<0.02
SHB1050177	Soil	4.6	10.5	0.31	44.6	0.007	2	1.27	0.006	0.07	<0.1	2.4	0.06	<0.02	38	0.1	0.04	4.8	1.37	<0.1	<0.02
SHB1050178	Soil	3.8	6.4	0.21	46.1	0.037	2	1.13	0.007	0.11	0.2	2.2	0.12	0.02	42	0.2	0.04	6.5	2.41	<0.1	<0.02

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Project: Hudson Bay Mtn
Report Date: September 26, 2011

CERTIFICATE OF ANALYSIS SMI11000228.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050155	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050156	Soil	0.44	12.1	0.4	<0.05	0.1	2.46	5.9	0.02	<1	0.2	14.6	<10	<2
SHB1050157	Soil	0.90	19.7	0.6	<0.05	<0.1	3.12	8.6	0.03	<1	0.3	24.1	<10	<2
SHB1050158	Soil	0.43	7.4	0.3	<0.05	0.6	1.68	14.1	0.04	<1	0.2	19.7	<10	<2
SHB1050159	Soil	0.42	13.9	0.4	<0.05	<0.1	2.12	8.5	<0.02	<1	0.1	6.4	<10	<2
SHB1050160	Soil	0.65	17.4	0.3	<0.05	0.1	2.27	6.3	0.04	<1	0.2	22.7	<10	<2
SHB1050161	Soil	0.19	7.3	0.3	<0.05	0.5	2.14	14.9	0.04	<1	0.3	29.6	<10	<2
SHB1050162	Soil	0.18	5.9	0.3	<0.05	0.7	6.77	14.6	0.05	<1	0.3	35.0	<10	<2
SHB1050163	Soil	0.30	6.8	0.3	<0.05	0.6	4.97	14.5	0.05	<1	0.2	26.0	<10	<2
SHB1050164	Soil	0.14	4.9	0.3	<0.05	0.5	4.93	14.5	0.05	<1	0.2	22.2	<10	<2
SHB1050165	Soil	0.14	8.9	0.3	<0.05	0.7	2.61	16.0	0.04	<1	0.3	21.8	<10	<2
SHB1050166	Soil	0.13	10.7	0.3	<0.05	0.3	4.84	13.8	0.05	<1	0.1	34.0	<10	<2
SHB1050167	Soil	0.30	9.1	0.3	<0.05	<0.1	1.64	14.2	0.03	<1	0.1	9.0	<10	<2
SHB1050168	Soil	0.30	7.0	0.3	<0.05	0.5	2.05	18.6	0.03	<1	0.1	13.9	<10	<2
SHB1050169	Soil	0.30	9.6	0.4	<0.05	0.3	1.59	19.8	0.02	<1	<0.1	7.4	<10	<2
SHB1050170	Soil	0.63	10.2	0.4	<0.05	0.3	2.10	13.3	0.05	<1	0.1	15.0	<10	<2
SHB1050171	Soil	0.26	11.6	0.3	<0.05	0.5	7.51	12.7	0.05	1	0.4	42.0	<10	<2
SHB1050172	Soil	0.50	5.2	0.3	<0.05	0.3	2.38	10.7	0.02	<1	0.1	19.0	<10	<2
SHB1050173	Soil	0.38	8.1	0.3	<0.05	0.6	16.13	18.6	0.06	1	0.4	34.9	<10	<2
SHB1050174	Soil	0.55	7.1	0.3	<0.05	0.2	1.88	12.2	<0.02	<1	<0.1	6.9	<10	<2
SHB1050175	Soil	0.59	8.5	0.4	<0.05	0.2	1.68	9.4	0.03	<1	0.2	19.1	<10	<2
SHB1050176	Soil	1.01	9.6	0.4	<0.05	0.6	1.79	11.4	0.04	<1	0.3	25.5	<10	<2
SHB1050177	Soil	0.54	9.3	0.3	<0.05	<0.1	1.94	8.2	0.03	<1	0.1	23.8	<10	<2
SHB1050178	Soil	0.63	14.0	0.4	<0.05	<0.1	2.92	7.0	0.03	<1	0.2	12.3	<10	<2

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Project: Hudson Bay Mtn
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QUALITY CONTROL REPORT SMI11000228.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
SHB1050111	Soil	1.13	17.88	13.22	151.6	108	5.7	8.5	587	3.28	25.4	0.3	12.3	0.8	10.4	0.38	1.59	0.23	51	0.13	0.031
REP SHB1050111	QC	1.19	18.62	14.20	158.6	106	6.1	9.1	599	3.29	25.1	0.4	7.5	0.9	10.2	0.37	1.54	0.23	51	0.11	0.031
SHB1050132	Soil	21.45	4737	5748	>10000	60787	43.6	17.2	408	8.46	441.8	1.5	511.4	1.4	40.5	219.4	104.3	29.05	35	1.15	0.047
REP SHB1050132	QC	22.07	4913	5925	>10000	63360	43.2	17.4	413	8.57	453.8	1.6	532.3	1.6	41.1	223.7	105.0	29.00	35	1.06	0.048
SHB1050141	Soil	0.74	17.34	6.95	81.7	88	16.0	8.4	270	2.63	7.7	0.2	9.8	0.7	23.6	0.10	0.21	0.10	31	0.32	0.020
REP SHB1050141	QC	0.71	17.92	6.79	86.9	77	15.7	8.3	273	2.67	7.9	0.2	1.7	0.7	23.6	0.10	0.22	0.10	31	0.33	0.020
SHB1050016	Soil	1.74	26.61	11.35	110.6	273	11.2	10.1	759	3.42	23.9	0.2	1.1	0.6	22.8	0.42	0.53	0.26	42	0.60	0.042
REP SHB1050016	QC	1.75	25.72	10.85	116.2	277	11.1	9.9	767	3.43	25.1	0.2	1.7	0.6	22.1	0.42	0.60	0.36	43	0.60	0.043
SHB1050023	Soil	1.41	8.44	15.79	119.1	125	3.4	3.7	204	3.54	13.3	<0.1	3.9	0.5	15.0	0.37	0.48	0.32	52	0.17	0.133
REP SHB1050023	QC	1.61	8.75	17.61	120.9	159	3.7	4.2	267	3.75	13.9	0.1	4.7	0.5	16.3	0.29	0.58	0.37	55	0.18	0.144
SHB1050055	Soil	0.97	6.62	13.09	87.9	178	6.6	4.6	203	2.90	11.9	0.1	17.3	0.6	14.6	0.40	0.61	0.13	47	0.18	0.043
REP SHB1050055	QC	0.99	6.62	12.90	89.9	164	6.1	4.3	209	2.89	12.2	0.2	2.9	0.6	15.1	0.40	0.64	0.13	47	0.20	0.045
SHB1050156	Soil	0.56	5.90	12.48	87.3	105	2.4	2.5	175	2.65	9.4	0.1	0.8	0.3	5.3	0.22	0.46	0.42	51	0.14	0.128
REP SHB1050156	QC	0.58	6.25	12.94	91.3	102	2.3	2.5	178	2.67	9.5	<0.1	1.0	0.3	5.6	0.21	0.47	0.46	52	0.15	0.126
SHB1050173	Soil	0.88	24.57	11.13	66.0	246	13.2	11.5	671	2.83	15.2	0.3	1.6	0.6	42.5	0.17	0.38	0.13	34	0.87	0.039
REP SHB1050173	QC	0.73	22.09	10.15	60.9	225	11.9	10.4	607	2.58	13.9	0.3	0.8	0.6	39.0	0.13	0.32	0.12	33	0.80	0.036
Reference Materials																					
STD DS8	Standard	13.68	108.8	126.2	321.4	1834	38.3	7.3	618	2.54	27.4	2.9	121.1	7.2	64.5	2.31	5.57	6.28	42	0.74	0.084
STD DS8	Standard	12.43	105.1	124.9	299.6	1759	34.8	7.3	584	2.41	26.1	2.9	128.3	6.8	74.8	2.18	6.44	7.11	40	0.67	0.079
STD DS8	Standard	13.00	107.9	126.1	314.7	1742	36.5	7.5	604	2.51	26.2	2.5	114.8	6.4	60.4	2.12	4.10	5.99	42	0.72	0.085
STD DS8	Standard	13.04	105.1	127.3	313.3	1727	35.0	6.9	596	2.39	26.7	3.0	110.5	7.2	75.7	2.24	6.32	7.33	41	0.70	0.078
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Client: **Lions Gate Metals**
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Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 26, 2011

QUALITY CONTROL REPORT SMI11000228.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
SHB1050111	Soil	7.8	10.8	0.41	100.9	0.025	2	1.45	0.005	0.06	<0.1	4.0	0.05	<0.02	11	0.2	<0.02	4.8	1.33	<0.1	0.02
REP SHB1050111	QC	7.8	11.3	0.40	102.3	0.019	1	1.42	0.005	0.05	<0.1	3.7	0.05	<0.02	21	<0.1	<0.02	4.8	1.23	<0.1	0.02
SHB1050132	Soil	6.3	23.7	0.63	15.7	0.071	5	0.79	0.046	0.08	0.5	2.5	12.82	8.22	6764	80.2	0.24	5.9	0.34	0.2	0.16
REP SHB1050132	QC	6.5	23.4	0.63	18.4	0.072	4	0.82	0.048	0.08	0.5	2.5	12.90	8.74	5354	81.5	0.32	6.1	0.32	0.3	0.19
SHB1050141	Soil	11.0	15.2	0.35	79.7	<0.001	<1	1.59	0.008	0.05	<0.1	3.2	0.05	<0.02	21	0.1	<0.02	3.9	0.61	<0.1	<0.02
REP SHB1050141	QC	10.9	15.0	0.34	79.7	<0.001	<1	1.60	0.008	0.05	<0.1	3.2	0.05	<0.02	23	0.2	<0.02	4.0	0.63	<0.1	<0.02
SHB1050016	Soil	7.3	14.3	0.36	95.0	0.002	<1	1.72	0.010	0.06	<0.1	4.6	0.07	0.02	47	0.2	0.02	4.6	0.69	<0.1	0.03
REP SHB1050016	QC	7.6	15.0	0.40	92.0	0.004	<1	1.74	0.011	0.07	<0.1	4.7	0.06	0.02	32	0.4	0.03	4.7	0.99	<0.1	0.03
SHB1050023	Soil	3.4	8.9	0.25	68.7	0.004	<1	1.50	0.012	0.08	0.1	2.4	0.12	0.04	43	<0.1	0.03	6.7	1.94	<0.1	<0.02
REP SHB1050023	QC	4.0	10.0	0.28	78.3	0.008	2	1.56	0.013	0.10	0.2	2.5	0.15	0.07	61	0.3	<0.02	6.8	2.69	<0.1	<0.02
SHB1050055	Soil	8.9	11.4	0.25	68.8	0.002	<1	0.98	0.009	0.05	<0.1	1.8	0.04	<0.02	43	0.2	<0.02	4.8	0.60	<0.1	<0.02
REP SHB1050055	QC	9.7	10.6	0.26	73.4	0.003	<1	1.00	0.009	0.06	<0.1	1.8	0.04	<0.02	44	0.2	<0.02	4.8	0.71	<0.1	<0.02
SHB1050156	Soil	3.0	7.1	0.20	30.5	0.023	2	1.23	0.009	0.07	0.2	2.6	0.18	<0.02	31	<0.1	0.04	8.1	3.21	<0.1	<0.02
REP SHB1050156	QC	3.2	7.5	0.19	31.1	0.023	2	1.27	0.010	0.08	0.1	2.7	0.17	<0.02	29	0.1	0.03	8.7	3.25	<0.1	<0.02
SHB1050173	Soil	10.0	16.0	0.33	80.5	0.003	<1	1.68	0.011	0.05	<0.1	5.6	0.07	0.03	56	0.1	0.04	4.2	1.60	<0.1	0.03
REP SHB1050173	QC	9.3	13.8	0.30	76.2	0.004	1	1.60	0.011	0.05	<0.1	5.2	0.06	0.03	50	0.1	0.03	4.0	1.52	<0.1	0.03
Reference Materials																					
STD DS8	Standard	17.1	125.6	0.62	270.2	0.113	3	1.01	0.111	0.44	3.1	2.4	5.69	0.16	205	5.2	5.29	4.6	2.62	<0.1	0.09
STD DS8	Standard	15.8	114.1	0.60	277.2	0.130	3	0.91	0.089	0.41	2.9	2.1	5.08	0.15	199	5.3	4.81	4.6	2.40	0.1	0.08
STD DS8	Standard	15.1	129.3	0.61	247.3	0.108	3	0.97	0.108	0.43	2.5	2.4	5.38	0.16	184	5.0	4.44	4.7	2.28	<0.1	0.09
STD DS8	Standard	16.2	117.6	0.59	275.4	0.133	2	0.93	0.096	0.41	3.0	2.3	5.25	0.16	199	4.9	4.98	4.7	2.35	<0.1	0.06
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 26, 2011

QUALITY CONTROL REPORT SMI11000228.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
SHB1050111	Soil	0.12	7.1	0.3	<0.05	0.6	5.20	16.3	0.05	<1	0.3	9.6	<10	<2
REP SHB1050111	QC	0.15	6.9	0.3	<0.05	1.0	5.60	16.0	0.05	<1	0.2	8.6	<10	<2
SHB1050132	Soil	0.41	3.5	47.5	<0.05	5.2	6.32	13.0	2.73	22	<0.1	6.2	<10	<2
REP SHB1050132	QC	0.46	3.4	46.2	<0.05	5.5	6.47	14.3	2.74	9	0.1	5.9	<10	<2
SHB1050141	Soil	0.31	7.0	0.3	<0.05	0.5	5.30	19.3	0.04	<1	0.2	23.0	<10	<2
REP SHB1050141	QC	0.30	6.8	0.3	<0.05	0.5	5.40	19.5	0.03	<1	0.2	23.9	<10	<2
SHB1050016	Soil	0.32	6.4	0.3	<0.05	0.9	9.70	12.7	0.06	1	0.3	17.9	<10	<2
REP SHB1050016	QC	0.32	7.9	0.3	<0.05	0.8	9.77	13.5	0.07	1	0.4	18.0	<10	<2
SHB1050023	Soil	0.49	12.4	0.5	<0.05	0.4	1.68	6.3	0.05	<1	0.2	20.3	<10	<2
REP SHB1050023	QC	0.49	15.4	0.4	<0.05	0.4	1.93	7.6	0.04	<1	0.2	21.9	<10	<2
SHB1050055	Soil	0.51	9.8	0.4	<0.05	0.2	1.49	16.6	0.03	<1	0.2	10.0	<10	<2
REP SHB1050055	QC	0.55	10.2	0.5	<0.05	0.2	1.71	19.1	0.02	<1	0.1	10.2	<10	<2
SHB1050156	Soil	0.44	12.1	0.4	<0.05	0.1	2.46	5.9	0.02	<1	0.2	14.6	<10	<2
REP SHB1050156	QC	0.45	12.2	0.4	<0.05	0.2	2.57	6.3	0.02	<1	0.2	14.1	<10	<2
SHB1050173	Soil	0.38	8.1	0.3	<0.05	0.6	16.13	18.6	0.06	1	0.4	34.9	<10	<2
REP SHB1050173	QC	0.35	7.6	0.3	<0.05	0.6	14.75	17.2	0.04	<1	0.4	33.0	<10	<2
Reference Materials														
STD DS8	Standard	1.54	41.0	6.3	<0.05	2.1	6.99	30.2	2.30	56	5.6	29.6	108	358
STD DS8	Standard	1.26	39.1	6.7	<0.05	1.3	6.31	28.5	2.07	52	4.6	22.4	97	319
STD DS8	Standard	1.25	37.5	6.0	<0.05	1.9	5.72	26.0	1.97	54	4.9	28.6	115	334
STD DS8	Standard	1.33	38.2	6.5	<0.05	1.8	6.21	28.2	2.22	52	4.5	23.2	93	330
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Client: **Lions Gate Metals**
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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: August 03, 2011
Report Date: September 28, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI11000230.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mtn
Shipment ID:
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	8	Dry at 60C			SMI
SS80	8	Dry at 60C sieve 100g to -80 mesh			SMI
RJSV	8	Saving all or part of Soil Reject			SMI
1F05	8	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Lions Gate Metals
880-609 Granville St. PO Box 10321,
Pacific Centre
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000230.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051934	Silt		1.18	21.72	11.89	95.5	67	12.8	9.9	899	3.53	10.8	0.9	2.7	0.7	25.3	0.36	0.82	0.11	93	0.47	0.059
CHB1051935	Silt		1.08	27.37	11.94	106.3	85	12.9	11.4	1149	4.04	11.6	0.5	6.1	0.8	26.9	0.45	0.85	0.09	94	0.49	0.066
CHB1051937	Silt		1.04	34.57	11.16	102.3	147	13.1	12.6	883	4.12	15.4	0.5	1.5	1.0	19.8	0.40	0.96	0.10	87	0.49	0.075
CHB1051938	Silt		1.51	29.90	16.06	89.1	559	7.9	11.3	699	3.78	20.7	0.8	0.8	0.6	17.1	0.32	2.69	0.12	91	0.36	0.084
CHB1051939	Silt		0.95	28.07	11.06	99.9	183	11.6	11.2	873	4.20	13.5	0.8	0.3	0.9	20.2	0.33	1.21	0.09	92	0.44	0.075
CHB1051940	Silt		1.11	31.48	11.57	108.0	235	11.6	12.2	969	4.49	14.6	0.6	0.4	0.9	20.3	0.41	1.41	0.09	101	0.44	0.082
CHB1051941	Silt		0.97	27.03	9.88	105.2	289	10.7	11.5	901	4.18	12.9	0.6	0.7	0.8	18.8	0.40	1.27	0.20	93	0.42	0.078
CHB1051942	Silt		0.92	28.89	10.35	117.8	201	11.2	11.7	961	4.57	14.0	0.6	0.9	0.8	21.1	0.50	1.22	0.12	104	0.48	0.083

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Project: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000230.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051934	Silt	6.4	18.2	0.70	112.5	0.080	4	1.26	0.013	0.04	<0.1	4.8	0.04	0.03	42	0.6	<0.02	4.6	0.95	<0.1	0.05
CHB1051935	Silt	7.1	18.1	0.72	116.3	0.083	3	1.31	0.014	0.04	0.1	5.3	0.04	0.03	27	0.3	<0.02	4.7	0.83	<0.1	0.04
CHB1051937	Silt	8.0	20.3	0.83	108.7	0.071	3	1.40	0.010	0.04	<0.1	5.3	0.03	0.03	18	0.4	<0.02	5.1	0.87	<0.1	0.06
CHB1051938	Silt	7.5	14.0	0.64	86.7	0.037	2	1.09	0.005	0.04	<0.1	5.3	0.04	0.05	33	0.7	0.16	4.3	1.81	<0.1	<0.02
CHB1051939	Silt	7.9	19.2	0.77	117.9	0.068	3	1.41	0.009	0.04	<0.1	5.5	0.04	<0.02	44	0.3	0.04	5.1	1.03	<0.1	0.05
CHB1051940	Silt	8.4	19.7	0.80	116.8	0.063	2	1.38	0.008	0.04	<0.1	5.5	0.04	0.03	24	0.4	0.07	5.4	1.21	<0.1	0.03
CHB1051941	Silt	7.7	18.0	0.76	105.8	0.062	2	1.31	0.008	0.03	<0.1	5.0	0.02	0.03	22	0.3	0.03	5.1	1.10	<0.1	0.04
CHB1051942	Silt	8.5	19.3	0.81	111.3	0.071	3	1.35	0.008	0.04	<0.1	5.5	0.04	0.03	20	0.5	0.03	5.5	1.18	<0.1	0.03

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Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS SMI11000230.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051934	Silt	0.22	3.0	0.4	<0.05	1.5	8.79	14.3	0.03	2	0.4	13.6	<10	<2
CHB1051935	Silt	0.18	2.8	0.4	<0.05	2.2	10.13	16.3	0.05	2	0.3	14.1	<10	<2
CHB1051937	Silt	0.09	2.3	0.3	<0.05	2.2	10.13	17.7	0.04	3	0.4	15.9	<10	<2
CHB1051938	Silt	0.10	2.9	0.3	<0.05	0.4	9.68	17.3	0.03	<1	0.3	11.4	<10	<2
CHB1051939	Silt	0.14	2.9	0.4	<0.05	1.5	9.86	17.4	0.02	3	0.4	17.2	<10	<2
CHB1051940	Silt	0.13	2.9	0.3	<0.05	1.2	10.45	18.0	0.04	4	0.3	16.5	<10	<2
CHB1051941	Silt	0.11	2.7	0.3	<0.05	1.2	9.96	16.9	0.04	<1	0.3	15.0	<10	<2
CHB1051942	Silt	0.13	3.0	0.3	<0.05	1.4	11.12	18.2	0.03	<1	0.4	16.3	<10	<2

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Project: Hudson Bay Mtn
Report Date: September 28, 2011

QUALITY CONTROL REPORT SMI11000230.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
CHB1051935	Silt	1.08	27.37	11.94	106.3	85	12.9	11.4	1149	4.04	11.6	0.5	6.1	0.8	26.9	0.45	0.85	0.09	94	0.49	0.066
REP CHB1051935	QC	1.06	28.33	12.04	107.3	86	13.3	11.0	1117	3.96	11.9	0.5	1.6	0.8	26.9	0.47	0.80	0.09	91	0.49	0.065
Reference Materials																					
STD DS8	Standard	11.94	99.03	114.7	293.5	1618	35.2	6.8	572	2.37	22.6	2.5	105.2	6.1	59.3	2.15	4.91	5.86	39	0.65	0.074
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
CHB1051935	Silt	7.1	18.1	0.72	116.3	0.083	3	1.31	0.014	0.04	0.1	5.3	0.04	0.03	27	0.3	<0.02	4.7	0.83	<0.1	0.04
REP CHB1051935	QC	7.0	19.0	0.71	116.3	0.080	3	1.28	0.014	0.04	<0.1	5.2	0.04	0.03	27	0.5	0.03	4.7	0.83	<0.1	0.06
Reference Materials																					
STD DS8	Standard	13.8	113.1	0.57	254.2	0.104	3	0.85	0.079	0.38	2.9	1.9	5.06	0.15	192	4.8	4.55	4.4	2.25	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT SMI11000230.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
CHB1051935	Silt	0.18	2.8	0.4	<0.05	2.2	10.13	16.3	0.05	2	0.3	14.1	<10	<2
REP CHB1051935	QC	0.19	2.7	0.4	<0.05	2.2	10.04	15.9	0.03	2	0.3	14.2	<10	<2
Reference Materials														
STD DS8	Standard	1.26	35.2	5.9	<0.05	1.8	5.55	26.2	1.93	56	4.9	25.8	100	328
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: August 16, 2011
Report Date: November 03, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS SMI11000289.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mountain
Shipment ID: HBM 4
P.O. Number
Number of Samples: 272

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	272	Dry at 60C			SMI
SS80	265	Dry at 60C sieve 100g to -80 mesh			SMI
1F05	265	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	265	Saving all or part of Soil Reject			SMI

ADDITIONAL COMMENTS

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

CC: Lorie Farrell

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051851	Soil		2.12	28.65	13.73	157.0	130	13.2	11.8	1138	4.13	21.3	0.5	2.0	0.9	31.9	0.64	1.16	0.14	89	0.58	0.083
CHB1051852	Soil		2.29	27.49	13.50	156.9	140	12.6	11.8	1161	4.31	20.6	0.4	1.5	0.9	30.2	0.65	1.12	0.11	94	0.56	0.078
CHB1051853	Soil		2.01	28.44	13.85	137.4	138	13.7	11.3	1048	4.02	21.2	0.5	1.7	0.9	32.8	0.58	1.16	0.11	85	0.58	0.074
CHB1051854	Soil		2.15	27.92	13.22	156.2	140	13.3	11.6	1088	4.21	21.1	0.4	0.9	0.9	31.0	0.58	1.14	0.12	94	0.56	0.083
CHB1051855	Soil		1.96	26.73	16.98	123.2	154	16.4	12.2	1067	3.64	32.6	0.4	1.1	1.0	35.2	0.55	1.60	0.08	76	0.61	0.067
CHB1051856	Soil		2.47	29.19	13.47	166.4	139	12.5	11.6	1184	4.29	21.0	0.4	1.1	0.9	29.7	0.64	1.07	0.09	94	0.55	0.083
CHB1051857	Soil		2.40	28.98	12.55	170.1	136	12.1	11.7	1189	4.51	19.9	0.5	1.3	0.8	28.4	0.62	1.08	0.08	100	0.57	0.081
CHB1051858	Soil		2.30	29.48	13.45	171.8	220	12.6	12.2	1212	4.35	20.1	0.5	0.9	0.8	29.4	0.69	1.32	0.08	94	0.58	0.079
CHB1051859	Soil		2.02	26.29	13.30	145.5	111	12.7	11.5	1082	4.13	20.1	0.4	0.4	0.9	32.2	0.59	1.17	0.08	91	0.57	0.080
CHB1051860	Soil		2.52	39.26	15.69	170.5	216	14.2	12.5	1438	4.27	24.8	0.9	1.4	0.7	38.7	0.80	1.37	0.11	88	0.74	0.084
CHB1051861	Soil		1.04	26.77	6.03	67.5	408	14.0	7.1	1662	1.97	8.5	0.7	4.7	0.2	88.4	0.66	0.62	0.08	34	1.94	0.136
CHB1051862	Soil		0.73	24.88	8.80	107.4	126	25.6	15.2	1045	3.60	9.9	0.4	4.0	0.6	97.4	0.29	0.35	0.06	82	1.36	0.069
CHB1051863	Soil		0.57	30.85	6.84	80.8	163	21.3	11.0	915	3.02	7.9	0.5	1.5	0.4	74.0	0.31	0.42	0.07	70	1.17	0.064
CHB1051864	Soil		0.58	27.69	6.52	72.6	138	15.3	9.8	1343	2.72	8.1	0.5	1.2	0.3	62.0	0.29	0.36	0.08	64	1.16	0.063
CHB1051865	Soil		0.63	40.65	6.18	73.5	160	25.3	12.6	1184	2.95	7.8	0.5	4.8	0.4	68.8	0.31	0.39	0.07	77	1.71	0.071
CHB1051866	Soil		0.63	37.30	6.43	77.6	206	17.9	9.2	941	2.77	8.0	0.6	0.7	0.3	79.3	0.33	0.49	0.08	64	1.31	0.086
CHB1051867	Soil		0.61	28.51	7.52	79.6	193	23.0	11.3	1375	2.86	10.5	0.5	1.2	0.4	80.4	0.39	0.31	0.07	68	1.35	0.072
SHB1051868	Soil		0.62	11.42	8.26	50.3	222	8.2	4.5	271	2.83	9.1	0.3	1.4	0.2	24.8	0.11	0.50	0.08	65	0.15	0.034
SHB1051869	Soil		0.61	16.53	9.11	82.0	51	16.6	12.5	830	3.27	11.9	0.5	1.0	0.7	69.5	0.21	0.50	0.08	73	0.94	0.050
SHB1051870	Soil		0.63	19.28	7.74	81.5	115	22.2	11.4	471	4.66	10.9	0.5	1.1	0.5	34.4	0.25	0.21	0.06	117	0.31	0.068
SHB1051871	Soil		0.56	18.62	7.72	79.3	102	17.7	11.0	631	3.30	9.9	0.5	0.8	0.5	79.9	0.10	0.35	0.07	89	1.18	0.049
SHB1051872	Soil		0.78	24.93	5.12	81.6	105	49.7	16.4	678	3.91	12.0	0.4	1.1	0.5	59.0	0.14	0.30	0.08	89	0.28	0.132
SHB1051873	Soil		0.83	24.73	5.94	98.5	153	11.2	13.2	599	4.65	12.6	0.6	2.6	0.2	31.8	0.15	0.28	0.07	125	0.63	0.109
SHB1051874	Soil		0.64	31.54	6.42	103.5	198	12.1	21.2	1312	5.40	14.6	0.5	1.1	0.5	44.5	0.07	0.25	0.05	157	0.88	0.077
SHB1051875	Soil		0.65	27.48	8.87	104.7	299	37.3	21.1	885	4.84	15.0	0.4	1.4	0.6	59.0	0.05	0.34	0.08	112	0.57	0.078
SHB1051876	Soil		0.82	19.66	18.85	116.6	124	64.9	25.6	2172	9.07	16.2	0.3	1.1	0.3	96.1	0.08	0.85	0.09	253	0.52	0.043
SHB1051877	Soil		2.30	28.03	13.43	168.2	140	12.9	11.8	1158	4.10	23.2	0.4	0.8	0.8	31.2	0.66	1.04	0.07	86	0.57	0.083
SHB1051878	Soil		0.65	27.51	6.67	73.1	454	31.4	10.7	538	3.35	11.0	0.4	1.4	0.3	79.7	0.18	0.40	0.08	80	1.22	0.067
SHB1051879	Soil		0.88	18.60	6.82	127.2	158	17.6	9.4	436	4.73	12.3	0.4	<0.2	0.2	42.2	0.33	0.35	0.28	92	0.42	0.061
SHB1051880	Soil		0.66	19.44	7.97	58.7	133	8.6	5.2	316	2.67	9.0	0.4	1.2	0.2	46.6	0.19	0.39	0.14	70	0.82	0.031

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051851	Soil		10.0	14.5	0.80	141.4	0.081	4	1.50	0.019	0.06	0.1	7.0	0.09	0.03	39	0.3	<0.02	6.1	1.25	<0.1	0.06
CHB1051852	Soil		10.0	14.8	0.82	141.5	0.088	3	1.50	0.019	0.06	0.1	6.6	0.09	0.05	28	0.3	0.02	6.1	1.22	<0.1	0.05
CHB1051853	Soil		9.2	16.5	0.73	144.3	0.070	4	1.61	0.018	0.06	0.1	6.3	0.09	0.04	47	0.4	0.02	6.1	1.21	<0.1	0.04
CHB1051854	Soil		9.8	14.9	0.76	146.2	0.093	5	1.43	0.018	0.06	0.1	6.6	0.08	0.04	33	0.3	0.03	6.3	1.22	<0.1	0.06
CHB1051855	Soil		9.4	20.3	0.62	109.2	0.073	3	1.37	0.019	0.06	0.1	5.9	0.09	0.03	31	0.1	<0.02	4.7	1.35	<0.1	0.05
CHB1051856	Soil		10.4	14.1	0.80	149.4	0.086	4	1.51	0.016	0.06	<0.1	6.9	0.10	0.04	33	0.3	0.04	6.3	1.16	<0.1	0.06
CHB1051857	Soil		10.2	13.7	0.84	145.0	0.114	4	1.54	0.016	0.08	0.1	7.1	0.10	0.05	31	0.4	0.03	6.8	1.35	<0.1	0.10
CHB1051858	Soil		10.4	14.8	0.83	148.3	0.088	5	1.53	0.016	0.07	0.1	7.0	0.09	0.05	37	0.4	0.04	6.5	1.25	<0.1	0.04
CHB1051859	Soil		9.7	16.7	0.77	136.3	0.094	4	1.47	0.021	0.06	0.1	6.7	0.08	0.04	25	0.3	0.03	5.9	1.23	<0.1	0.09
CHB1051860	Soil		11.9	17.8	0.83	155.1	0.085	6	1.72	0.027	0.09	0.1	7.9	0.11	0.05	52	0.9	0.02	6.5	1.86	<0.1	<0.02
CHB1051861	Soil		33.3	15.8	0.36	150.9	0.017	10	2.11	0.017	0.06	0.1	4.2	0.23	0.12	167	0.4	<0.02	3.5	1.52	<0.1	0.04
CHB1051862	Soil		10.9	26.2	1.04	267.5	0.081	6	2.83	0.046	0.10	<0.1	7.8	0.10	0.06	55	0.3	<0.02	6.6	1.55	<0.1	0.03
CHB1051863	Soil		9.0	24.9	0.70	260.6	0.046	5	2.26	0.023	0.07	<0.1	7.2	0.07	0.04	76	0.3	<0.02	5.4	1.31	<0.1	0.02
CHB1051864	Soil		8.3	18.2	0.55	223.3	0.033	6	1.98	0.014	0.07	<0.1	5.3	0.08	0.05	76	0.5	<0.02	4.8	1.09	<0.1	<0.02
CHB1051865	Soil		9.1	31.4	0.93	313.6	0.064	12	2.29	0.019	0.07	<0.1	8.1	0.08	0.08	106	0.7	<0.02	5.5	1.40	<0.1	0.02
CHB1051866	Soil		12.7	23.2	0.57	229.4	0.035	5	2.60	0.015	0.09	0.1	7.2	0.10	0.06	100	0.3	0.02	5.3	1.53	<0.1	<0.02
CHB1051867	Soil		8.5	23.6	0.69	387.0	0.038	10	2.08	0.024	0.06	0.1	6.4	0.06	0.07	116	0.6	0.02	4.8	1.49	<0.1	0.04
SHB1051868	Soil		4.4	15.1	0.27	145.7	0.029	1	1.39	0.008	0.03	<0.1	2.4	0.04	0.03	51	0.1	<0.02	4.9	0.61	<0.1	<0.02
SHB1051869	Soil		8.0	21.6	0.56	238.5	0.058	3	2.49	0.017	0.08	0.1	6.1	0.07	<0.02	32	0.2	<0.02	6.3	1.15	<0.1	0.03
SHB1051870	Soil		4.1	35.6	0.83	272.3	0.142	4	2.97	0.006	0.04	<0.1	5.9	0.03	0.04	99	0.1	<0.02	8.4	1.19	<0.1	0.11
SHB1051871	Soil		7.3	26.1	0.76	370.6	0.075	4	2.20	0.026	0.07	<0.1	7.5	0.06	0.02	43	0.2	<0.02	6.5	1.07	<0.1	0.03
SHB1051872	Soil		4.8	55.5	1.09	290.6	0.065	2	3.20	0.006	0.04	0.1	4.7	0.03	0.04	117	0.1	<0.02	8.4	1.73	<0.1	0.03
SHB1051873	Soil		4.9	37.8	1.03	253.9	0.172	2	3.52	0.009	0.04	0.2	6.1	<0.02	0.07	143	0.4	<0.02	13.1	1.61	<0.1	0.11
SHB1051874	Soil		5.1	34.1	1.57	1180	0.106	3	3.43	0.006	0.05	<0.1	11.2	0.02	0.03	81	0.1	0.02	13.1	1.81	<0.1	0.09
SHB1051875	Soil		6.3	28.6	1.57	206.1	0.149	3	3.34	0.012	0.10	0.1	9.4	0.03	0.03	65	<0.1	<0.02	11.8	3.65	<0.1	0.14
SHB1051876	Soil		5.4	114.0	2.05	430.8	0.397	11	2.74	0.019	0.04	<0.1	7.1	<0.02	0.03	118	0.2	0.02	19.4	1.15	<0.1	0.06
SHB1051877	Soil		9.6	16.5	0.78	148.1	0.081	3	1.54	0.018	0.06	<0.1	6.7	0.09	0.04	26	0.4	<0.02	6.3	1.23	<0.1	0.05
SHB1051878	Soil		6.2	31.8	0.96	271.5	0.052	5	2.27	0.010	0.06	<0.1	4.5	0.05	0.04	102	0.3	<0.02	7.0	1.06	<0.1	0.03
SHB1051879	Soil		6.3	25.1	0.69	213.9	0.030	2	3.00	0.007	0.08	<0.1	3.7	0.06	0.03	54	0.2	<0.02	10.6	1.53	<0.1	<0.02
SHB1051880	Soil		10.1	15.9	0.31	239.7	0.033	2	1.43	0.011	0.05	<0.1	2.8	0.06	<0.02	41	0.2	0.03	6.4	0.73	<0.1	<0.02

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CERTIFICATE OF ANALYSIS SMI11000289.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051851	Soil		0.16	3.2	0.4	<0.05	1.9	13.76	19.6	0.05	<1	0.4	22.1	<10	<2
CHB1051852	Soil		0.15	3.4	0.4	<0.05	2.5	13.93	19.6	0.04	<1	0.3	21.0	<10	<2
CHB1051853	Soil		0.27	3.4	0.4	<0.05	1.6	12.36	18.1	0.05	1	0.3	20.2	<10	<2
CHB1051854	Soil		0.16	3.2	0.4	<0.05	2.8	13.09	19.6	0.04	<1	0.4	20.6	<10	<2
CHB1051855	Soil		0.22	3.2	0.4	<0.05	2.1	11.96	18.4	0.04	<1	0.4	14.5	<10	<2
CHB1051856	Soil		0.14	3.5	0.4	<0.05	2.0	14.31	20.4	0.05	<1	0.5	22.3	<10	<2
CHB1051857	Soil		0.23	4.1	0.4	<0.05	2.8	14.36	20.4	0.05	<1	0.6	21.1	<10	<2
CHB1051858	Soil		0.20	3.6	0.5	<0.05	1.8	14.39	20.6	0.03	<1	0.6	22.3	<10	<2
CHB1051859	Soil		0.16	3.3	0.5	<0.05	2.7	12.94	20.0	0.04	2	0.5	20.0	<10	<2
CHB1051860	Soil		0.35	4.8	0.4	<0.05	0.9	17.14	23.1	0.05	<1	0.5	22.4	<10	<2
CHB1051861	Soil		0.50	5.6	0.3	<0.05	0.9	37.75	22.6	0.03	<1	0.7	14.7	<10	<2
CHB1051862	Soil		0.37	5.2	0.5	<0.05	1.2	15.93	17.6	0.03	<1	0.3	24.8	<10	<2
CHB1051863	Soil		0.49	6.1	0.4	<0.05	0.9	14.67	14.1	0.02	<1	0.2	18.0	<10	<2
CHB1051864	Soil		0.45	6.4	0.3	<0.05	0.6	11.58	14.0	0.03	<1	0.3	17.6	<10	<2
CHB1051865	Soil		0.48	6.1	0.3	<0.05	1.1	14.83	14.1	0.03	<1	0.3	18.5	<10	<2
CHB1051866	Soil		0.47	8.1	0.4	<0.05	0.4	18.64	16.1	0.05	<1	0.5	18.1	<10	<2
CHB1051867	Soil		0.43	5.7	0.3	<0.05	1.3	15.20	14.4	0.03	3	0.4	22.4	<10	<2
SHB1051868	Soil		0.69	2.7	0.3	<0.05	0.6	2.31	10.1	<0.02	<1	0.2	6.8	<10	<2
SHB1051869	Soil		0.39	4.6	0.4	<0.05	0.8	10.16	22.4	0.04	<1	0.4	19.6	<10	<2
SHB1051870	Soil		1.06	3.9	0.4	<0.05	5.2	5.56	8.7	0.06	<1	0.3	25.0	<10	<2
SHB1051871	Soil		0.48	7.8	0.4	<0.05	1.1	11.12	14.8	0.04	<1	0.4	21.3	<10	<2
SHB1051872	Soil		0.98	4.1	0.4	<0.05	1.6	4.31	11.4	0.04	<1	0.3	25.9	<10	<2
SHB1051873	Soil		2.20	3.3	0.6	<0.05	6.3	7.84	10.9	0.05	<1	0.5	22.4	<10	<2
SHB1051874	Soil		0.72	5.2	0.6	<0.05	4.6	10.65	14.9	0.07	<1	0.4	41.1	<10	<2
SHB1051875	Soil		1.35	12.1	0.7	<0.05	6.0	10.83	15.2	0.09	<1	0.7	52.1	<10	<2
SHB1051876	Soil		0.46	2.6	0.7	<0.05	2.9	5.58	10.3	0.06	<1	0.2	34.1	<10	<2
SHB1051877	Soil		0.18	3.5	0.4	<0.05	1.9	13.82	20.0	0.04	1	0.3	21.4	<10	<2
SHB1051878	Soil		0.67	5.4	0.4	<0.05	1.4	7.92	13.3	0.04	<1	0.3	23.0	<10	<2
SHB1051879	Soil		0.74	7.5	0.6	<0.05	0.3	6.61	12.3	0.04	<1	0.5	24.8	<10	<2
SHB1051880	Soil		0.56	5.0	0.5	<0.05	0.5	8.00	10.5	0.02	<1	0.4	8.1	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1051881	Soil	0.70	10.14	8.68	24.3	45	3.5	2.8	136	3.20	5.1	0.3	2.0	0.3	13.7	0.07	0.43	0.16	112	0.06	0.031
SHB1051882	Soil	0.73	28.37	17.34	90.7	264	14.9	8.2	655	2.94	8.7	0.6	0.7	0.4	46.4	0.38	0.42	0.14	66	0.89	0.056
SHB1051883	Soil	0.95	10.51	8.43	44.7	104	5.9	3.8	145	2.85	9.7	0.3	1.3	0.1	25.4	0.13	0.54	0.14	73	0.41	0.034
SHB1051884	Soil	0.81	15.04	10.56	61.9	163	9.3	5.5	400	4.00	13.5	0.3	1.8	0.6	13.0	0.18	0.80	0.11	79	0.07	0.041
SHB1051885	Soil	0.78	8.78	10.95	41.6	57	5.9	3.5	192	3.41	10.4	0.3	1.1	0.6	9.3	0.10	2.12	0.16	78	0.05	0.086
SHB1051886	Soil Pulp	22.96	5288	6771	>10000	68388	43.5	17.8	445	9.66	484.2	1.5	549.5	1.5	37.5	238.2	96.90	27.55	37	1.16	0.045
SHB1051887	Soil	0.41	2.40	4.68	12.9	50	2.6	0.5	66	0.13	2.7	1.7	12.3	1.0	186.4	0.42	1.70	0.35	9	13.35	0.011
SHB1051888	Soil	1.06	12.47	9.94	48.4	95	7.6	4.2	268	4.18	12.1	0.3	1.4	1.9	8.3	0.14	0.67	0.23	93	0.09	0.065
SHB1051889	Soil	1.21	12.59	10.74	61.1	89	8.8	4.7	327	4.61	13.3	0.4	4.0	1.7	11.1	0.17	0.79	0.29	95	0.22	0.085
SHB1051890	Soil	0.93	10.33	9.04	43.5	76	8.1	4.5	209	4.11	10.1	0.3	1.4	1.4	8.1	0.12	0.60	0.16	77	0.06	0.051
SHB1051891	Soil	0.96	16.95	9.33	83.0	217	13.1	7.7	594	3.68	14.7	0.3	1.9	0.7	20.8	0.19	0.58	0.14	70	0.18	0.049
SHB1051892	Soil	0.53	18.20	7.17	60.4	94	15.6	10.6	797	2.90	8.2	0.5	1.9	1.1	59.7	0.16	0.40	0.09	71	0.80	0.036
SHB1051893	Soil	0.91	13.59	10.11	72.3	164	8.4	4.8	333	3.53	10.0	0.3	2.1	0.4	14.9	0.30	0.50	0.16	79	0.17	0.060
SHB1051894	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1051895	Soil	1.29	19.20	12.69	111.7	248	14.1	8.6	426	4.59	16.1	0.5	2.1	1.1	35.8	0.31	0.65	0.21	105	0.86	0.047
SHB1051896	Soil	0.87	15.01	7.40	79.1	33	14.2	8.3	432	3.30	10.6	0.4	1.0	0.6	44.6	0.18	0.33	0.10	73	0.56	0.035
SHB1051897	Soil	0.69	21.54	6.68	78.9	61	16.9	9.9	1090	2.98	16.3	0.7	0.6	1.0	71.9	0.23	0.26	0.10	72	0.90	0.047
SHB1051898	Soil	0.63	44.22	7.06	63.6	99	14.0	11.0	961	2.95	13.4	0.7	1.0	0.9	58.8	0.24	0.32	0.10	68	0.74	0.037
SHB1051899	Soil	1.88	25.37	12.22	127.0	129	13.0	10.5	927	3.73	19.3	0.4	1.6	1.0	27.3	0.56	0.99	0.09	77	0.50	0.063
SHB1051900	Soil	1.10	17.20	9.24	101.4	108	9.0	5.6	343	4.24	17.5	0.3	0.8	0.6	16.5	0.20	0.49	0.27	93	0.17	0.042
CHB1051943	Soil	1.12	33.42	9.23	141.0	638	22.5	11.9	2553	2.88	10.0	0.7	5.8	1.0	78.2	0.99	0.57	0.20	47	1.85	0.124
CHB1051944	Soil	0.62	21.14	7.36	83.1	123	20.8	13.6	949	3.18	8.8	0.5	1.7	1.1	68.4	0.20	0.37	0.07	76	1.15	0.062
CHB1051945	Soil	0.83	24.61	7.87	93.1	170	22.5	17.1	925	3.46	12.1	0.6	1.8	0.8	80.2	0.24	0.40	0.07	88	1.39	0.060
CHB1051946	Soil	0.85	24.78	10.23	103.4	109	24.5	13.5	777	4.01	19.5	0.5	1.8	0.7	32.6	0.21	0.58	0.10	75	0.61	0.065
CHB1051947	Soil	0.91	34.84	9.84	123.0	205	25.3	11.7	1796	3.17	11.6	0.6	3.1	0.7	65.5	0.70	0.59	0.10	61	1.18	0.103
CHB1051948	Soil	0.89	23.03	8.06	102.6	349	16.3	8.1	775	2.78	7.0	0.5	1.0	0.6	87.8	0.32	0.45	0.09	51	1.39	0.067
CHB1051949	Soil	0.83	20.02	8.01	111.3	183	15.0	10.3	766	2.97	7.2	0.4	1.5	0.8	128.5	0.21	0.33	0.08	45	1.26	0.073
CHB1051950	Soil	0.84	17.18	10.07	93.1	52	12.5	10.0	833	3.12	9.8	0.4	1.4	1.1	36.8	0.30	0.54	0.07	65	0.50	0.057
CHB1051951	Soil	0.92	17.63	10.72	98.7	53	12.7	10.3	854	3.33	11.4	0.4	1.3	1.2	38.6	0.30	0.62	0.07	71	0.55	0.059
CHB1051952	Soil	1.00	20.24	11.97	111.1	56	13.9	10.6	966	3.44	11.7	0.5	0.9	1.3	43.1	0.38	0.65	0.07	75	0.63	0.065

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1051881	Soil	4.3	18.8	0.11	80.8	0.066	2	0.76	0.004	0.03	<0.1	1.6	0.06	<0.02	28	0.1	0.03	7.5	0.36	<0.1	0.03
SHB1051882	Soil	14.8	23.2	0.48	256.4	0.013	2	2.37	0.010	0.06	<0.1	4.4	0.07	0.02	54	0.1	0.03	7.3	1.09	<0.1	0.03
SHB1051883	Soil	5.9	13.2	0.20	140.5	0.018	1	1.55	0.007	0.03	0.1	1.8	0.06	0.02	32	0.1	0.04	7.5	0.49	<0.1	<0.02
SHB1051884	Soil	4.0	17.7	0.26	104.6	0.032	1	1.70	0.004	0.03	0.1	2.8	0.08	<0.02	67	0.1	<0.02	6.4	0.83	<0.1	0.02
SHB1051885	Soil	4.2	15.4	0.18	54.8	0.039	1	1.21	0.004	0.04	0.1	2.2	0.07	<0.02	51	0.1	0.03	8.7	0.47	<0.1	<0.02
SHB1051886	Soil Pulp	6.2	25.0	0.70	12.4	0.060	5	0.88	0.052	0.09	0.5	2.6	14.44	9.07	9572	83.8	0.34	6.4	0.34	0.3	0.21
SHB1051887	Soil	0.9	0.7	6.18	21.3	0.005	4	0.10	0.100	0.01	0.2	0.5	0.03	0.21	<5	<0.1	0.05	0.4	0.08	0.2	0.06
SHB1051888	Soil	4.0	16.5	0.21	60.9	0.040	2	1.63	0.007	0.03	0.1	2.8	0.07	0.02	79	<0.1	0.03	8.0	0.60	<0.1	0.03
SHB1051889	Soil	4.4	18.5	0.33	71.9	0.068	3	1.73	0.006	0.04	0.3	3.1	0.08	0.02	86	<0.1	0.05	8.7	0.83	<0.1	0.03
SHB1051890	Soil	3.6	16.7	0.22	64.5	0.041	2	2.27	0.004	0.03	0.1	2.7	0.06	0.02	72	0.1	0.04	7.3	0.85	<0.1	0.08
SHB1051891	Soil	4.9	17.6	0.36	132.4	0.038	2	2.40	0.007	0.05	0.1	3.3	0.07	<0.02	38	<0.1	0.04	7.0	1.46	<0.1	0.02
SHB1051892	Soil	7.6	19.7	0.61	236.1	0.088	3	1.80	0.021	0.06	<0.1	6.6	0.05	<0.02	29	0.1	0.03	5.1	0.92	<0.1	0.05
SHB1051893	Soil	4.5	15.2	0.25	120.5	0.022	1	1.83	0.005	0.04	0.1	2.2	0.07	0.02	21	<0.1	<0.02	9.4	1.02	<0.1	<0.02
SHB1051894	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1051895	Soil	5.0	25.9	0.52	205.4	0.072	4	2.56	0.010	0.05	0.2	4.6	0.08	0.03	44	0.1	0.02	10.8	1.24	<0.1	<0.02
SHB1051896	Soil	4.6	22.1	0.46	253.8	0.053	5	2.19	0.012	0.05	<0.1	4.3	0.06	0.02	50	0.2	0.03	7.4	1.03	<0.1	0.03
SHB1051897	Soil	8.6	22.8	0.53	299.0	0.041	6	2.52	0.018	0.07	<0.1	7.8	0.09	<0.02	58	0.3	<0.02	6.5	0.99	<0.1	0.03
SHB1051898	Soil	10.0	19.5	0.48	309.6	0.047	5	2.22	0.015	0.06	0.1	7.3	0.07	<0.02	63	0.1	0.02	6.3	1.09	<0.1	0.04
SHB1051899	Soil	8.1	15.4	0.68	126.0	0.068	3	1.54	0.016	0.05	0.1	5.8	0.08	0.03	36	0.3	0.03	5.6	1.11	<0.1	0.04
SHB1051900	Soil	3.9	20.3	0.26	149.1	0.037	2	1.90	0.008	0.03	0.1	3.0	0.05	0.02	26	0.2	0.08	8.3	0.74	<0.1	0.02
CHB1051943	Soil	26.2	23.3	0.48	273.3	0.013	6	2.84	0.012	0.09	0.2	7.9	0.24	0.08	166	0.2	0.03	6.6	2.53	0.1	0.08
CHB1051944	Soil	9.8	25.5	0.93	250.6	0.091	6	2.25	0.028	0.07	<0.1	8.5	0.08	0.03	68	0.2	<0.02	5.8	1.20	<0.1	0.04
CHB1051945	Soil	11.6	29.6	1.06	245.7	0.085	5	2.58	0.029	0.07	0.1	10.3	0.09	0.04	73	0.5	<0.02	6.9	1.29	<0.1	0.03
CHB1051946	Soil	6.9	25.3	0.61	231.6	0.021	3	3.47	0.008	0.07	0.1	5.2	0.11	0.02	74	0.3	0.03	7.6	1.95	<0.1	0.05
CHB1051947	Soil	15.5	25.9	0.67	324.4	0.034	6	2.76	0.014	0.10	0.1	8.0	0.15	0.06	112	0.2	0.04	6.1	2.09	<0.1	0.03
CHB1051948	Soil	29.5	17.2	0.47	160.6	0.023	3	2.49	0.016	0.08	0.1	5.7	0.14	0.04	88	0.2	<0.02	5.8	1.50	<0.1	0.04
CHB1051949	Soil	18.6	15.0	0.43	160.2	0.018	2	2.58	0.022	0.09	0.1	5.3	0.12	0.04	77	0.2	<0.02	5.4	1.54	<0.1	0.07
CHB1051950	Soil	8.0	13.5	0.56	105.8	0.071	3	1.31	0.018	0.05	<0.1	5.2	0.06	0.02	28	0.2	<0.02	4.6	1.05	<0.1	0.05
CHB1051951	Soil	8.1	14.2	0.60	109.2	0.075	4	1.35	0.018	0.06	0.1	5.6	0.06	0.04	49	0.1	<0.02	4.9	1.11	<0.1	0.07
CHB1051952	Soil	8.8	15.8	0.62	121.3	0.073	4	1.44	0.021	0.06	<0.1	5.9	0.06	0.04	43	0.2	0.03	5.0	1.22	<0.1	0.05

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1051881	Soil	0.83	1.8	1.0	<0.05	0.7	1.29	8.2	<0.02	<1	0.1	1.3	<10	<2
SHB1051882	Soil	0.72	5.4	0.6	<0.05	0.5	13.34	15.3	0.03	<1	0.6	18.4	<10	<2
SHB1051883	Soil	0.58	3.5	0.6	<0.05	<0.1	2.75	10.2	<0.02	<1	<0.1	6.7	<10	<2
SHB1051884	Soil	0.69	4.4	0.4	<0.05	0.9	1.88	8.9	0.03	<1	0.2	9.3	<10	<2
SHB1051885	Soil	1.05	3.4	0.7	<0.05	0.8	1.31	8.1	<0.02	<1	<0.1	4.0	<10	<2
SHB1051886	Soil Pulp	0.46	3.4	49.9	<0.05	6.1	6.23	14.2	2.99	13	0.2	6.8	<10	<2
SHB1051887	Soil	0.26	0.6	1.1	<0.05	0.7	1.07	1.5	0.07	2	<0.1	0.9	<10	<2
SHB1051888	Soil	1.98	3.4	0.8	<0.05	1.1	1.49	7.9	0.04	<1	0.2	7.5	<10	<2
SHB1051889	Soil	2.70	4.6	1.0	<0.05	1.3	1.87	9.0	0.04	<1	0.1	8.2	<10	<2
SHB1051890	Soil	1.49	3.8	0.6	<0.05	2.7	1.54	7.4	0.04	<1	0.2	10.4	<10	<2
SHB1051891	Soil	0.78	6.5	0.5	<0.05	0.5	3.26	11.6	0.05	<1	0.3	16.5	<10	<2
SHB1051892	Soil	0.42	5.2	0.4	<0.05	1.6	10.18	15.6	0.03	<1	0.4	12.1	<10	<2
SHB1051893	Soil	1.41	8.5	0.8	<0.05	0.4	2.64	10.0	0.03	<1	0.2	8.6	<10	<2
SHB1051894	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1051895	Soil	2.27	6.4	1.0	<0.05	1.2	4.61	10.5	0.06	<1	0.3	20.6	<10	<2
SHB1051896	Soil	0.87	5.0	0.5	<0.05	1.2	4.33	10.8	0.05	<1	0.2	14.4	<10	<2
SHB1051897	Soil	0.47	6.7	0.4	<0.05	1.0	11.79	17.4	0.04	<1	0.5	27.4	<10	<2
SHB1051898	Soil	0.51	5.6	0.4	<0.05	0.9	16.34	21.6	0.03	<1	0.5	17.6	<10	<2
SHB1051899	Soil	0.27	3.3	0.3	<0.05	1.5	11.27	17.0	0.04	<1	0.3	17.7	<10	<2
SHB1051900	Soil	1.86	5.0	0.7	<0.05	0.8	1.71	7.6	0.03	<1	0.2	16.8	<10	<2
CHB1051943	Soil	0.72	10.3	0.5	<0.05	1.7	39.06	23.8	0.06	1	0.8	46.4	<10	<2
CHB1051944	Soil	0.44	4.5	0.3	<0.05	2.0	17.21	16.0	0.03	<1	0.4	18.3	<10	<2
CHB1051945	Soil	0.50	5.3	0.4	<0.05	1.6	21.98	18.2	0.03	2	0.5	20.4	<10	<2
CHB1051946	Soil	0.59	6.2	0.4	<0.05	1.0	9.25	17.9	0.05	<1	0.5	30.1	<10	2
CHB1051947	Soil	0.42	9.7	0.4	<0.05	0.9	25.72	21.2	0.04	<1	0.7	21.1	<10	<2
CHB1051948	Soil	0.55	5.9	0.4	<0.05	1.0	34.58	17.3	0.03	1	0.6	36.8	<10	<2
CHB1051949	Soil	0.46	6.1	0.3	<0.05	1.3	23.00	19.8	0.04	<1	0.5	25.5	<10	<2
CHB1051950	Soil	0.19	3.2	0.3	<0.05	1.7	10.19	16.5	0.03	<1	0.3	12.4	<10	<2
CHB1051951	Soil	0.18	3.3	0.3	<0.05	2.3	10.46	17.6	0.03	1	0.4	13.9	<10	<2
CHB1051952	Soil	0.22	3.3	0.3	<0.05	2.1	11.66	18.4	0.04	3	0.5	14.2	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051953	Soil	0.84	18.23	10.62	100.7	54	13.0	10.3	823	3.26	10.3	0.4	0.9	1.2	37.6	0.34	0.57	0.06	73	0.56	0.061
CHB1051954	Soil	0.87	17.85	10.50	96.5	59	12.4	9.9	826	3.07	10.4	0.4	0.7	1.2	38.2	0.35	0.56	0.06	64	0.57	0.058
CHB1051955	Soil	0.85	18.29	10.71	98.9	58	13.0	10.1	840	3.23	10.5	0.4	0.5	1.3	37.7	0.35	0.57	0.06	69	0.56	0.059
CHB1051956	Soil	0.94	16.80	10.12	104.1	53	13.3	9.8	772	3.47	10.2	0.4	0.7	1.3	35.0	0.33	0.58	0.07	81	0.49	0.063
CHB1051957	Soil	0.78	18.07	10.13	97.0	55	12.4	9.8	753	3.28	10.2	0.4	0.7	1.3	36.3	0.29	0.59	0.07	75	0.54	0.059
CHB1051958	Soil	0.75	19.50	11.12	97.2	52	12.9	10.2	851	3.24	10.0	0.4	0.9	1.3	39.0	0.36	0.57	0.06	72	0.59	0.061
CHB1051959	Soil	0.60	38.90	7.33	91.5	272	29.2	12.8	1154	3.08	8.6	0.5	1.8	0.5	64.1	0.45	0.36	0.07	67	1.29	0.081
CHB1051960	Soil	0.57	30.43	6.78	79.4	261	13.7	8.7	836	2.76	8.0	0.5	1.3	0.5	74.3	0.39	0.41	0.07	49	1.28	0.064
CHB1051961	Soil	0.71	18.30	7.26	69.3	119	14.4	8.8	712	2.63	7.1	0.8	0.7	0.7	41.2	0.20	0.35	0.08	52	0.72	0.045
CHB1051962	Soil	0.94	17.17	9.16	53.0	81	8.6	4.3	255	3.07	9.6	0.3	0.5	0.4	22.4	0.07	0.37	0.13	99	0.29	0.038
CHB1051963	Soil	0.32	17.11	5.24	62.3	51	28.7	9.5	464	2.60	4.4	0.4	0.9	1.5	32.9	0.15	0.21	0.08	49	0.25	0.053
CHB1051964	Soil	0.45	21.81	6.63	67.4	42	31.8	11.8	608	2.80	6.5	0.4	1.4	1.9	52.8	0.14	0.29	0.09	50	0.36	0.051
CHB1051965	Soil	0.84	19.73	8.51	83.2	42	39.1	13.2	657	3.29	6.2	0.7	2.6	2.0	44.3	0.22	0.50	0.18	63	0.35	0.064
CHB1051966	Soil	0.78	18.91	8.05	77.7	47	33.0	12.8	724	3.15	7.8	0.6	2.7	1.7	45.1	0.19	0.43	0.14	60	0.43	0.060
CHB1051967	Soil	0.39	20.60	6.60	69.0	40	29.8	12.1	595	2.95	6.0	0.4	1.8	1.5	45.3	0.15	0.31	0.13	55	0.33	0.063
CHB1051968	Soil	0.36	17.13	6.91	73.0	62	28.5	9.3	464	3.04	4.7	0.4	1.2	1.2	37.3	0.12	0.30	0.11	62	0.31	0.068
CHB1051969	Soil	0.75	12.81	8.26	76.8	54	34.4	12.2	715	3.10	6.6	1.1	1.2	1.2	39.0	0.18	0.36	0.13	58	0.42	0.057
CHB1051970	Soil	0.65	16.24	7.26	75.1	38	47.4	15.4	687	2.93	4.8	0.6	1.6	1.6	53.4	0.13	0.35	0.12	49	0.50	0.063
CHB1051971	Soil	0.91	20.38	8.31	88.6	39	38.8	13.7	710	3.64	6.6	0.7	1.5	2.1	40.5	0.17	0.51	0.12	74	0.32	0.068
CHB1051972	Soil Pulp	22.04	5230	6167	>10000	67869	46.3	18.6	428	9.25	469.9	1.4	553.6	1.4	33.4	216.4	90.92	25.40	35	1.11	0.047
CHB1051973	Soil	0.48	5.63	7.73	35.2	70	8.0	2.2	157	0.36	7.1	2.4	1.6	0.3	265.6	0.24	2.18	0.51	16	15.15	0.017
CHB1051974	Soil	0.61	14.58	7.20	76.3	50	30.1	10.6	534	3.05	6.4	0.5	0.5	1.4	40.8	0.19	0.38	0.18	61	0.33	0.056
CHB1051975	Soil	0.76	14.10	8.07	77.8	42	36.1	12.6	684	3.32	5.7	1.2	1.2	1.4	48.0	0.15	0.38	0.14	68	0.39	0.056
CHB1051976	Soil	1.92	14.68	8.64	74.2	55	37.7	13.3	744	3.20	15.3	49.7	0.7	1.4	53.4	0.15	0.44	0.14	61	0.60	0.070
CHB1051977	Soil	0.92	26.49	8.45	69.8	86	30.0	12.0	636	2.79	7.0	2.6	2.4	2.5	55.1	0.13	0.57	0.10	53	0.49	0.076
CHB1051978	Soil	1.23	13.85	7.73	103.5	54	19.9	9.9	838	2.83	6.9	6.4	1.9	1.7	46.2	0.19	0.41	0.09	59	0.43	0.065
CHB1051979	Soil	3.88	14.90	8.81	72.3	156	17.8	8.3	1689	2.19	13.5	43.6	5.3	1.2	156.9	0.38	0.57	0.11	35	1.06	0.080
CHB1051980	Soil	3.46	9.62	7.88	87.4	78	16.3	8.5	1667	2.42	11.8	19.6	2.6	1.6	79.2	0.20	0.37	0.07	38	0.49	0.059
CHB1051981	Soil	2.47	12.27	8.39	65.9	92	19.0	10.9	1792	3.02	10.4	10.4	2.5	1.8	88.5	0.21	0.40	0.09	46	0.61	0.075
CHB1051982	Soil	1.88	15.46	7.84	85.7	72	19.8	10.1	1375	2.70	9.3	15.3	1.7	1.5	75.0	0.25	0.52	0.09	50	0.55	0.085

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051953	Soil	8.1	14.6	0.59	111.0	0.070	3	1.33	0.019	0.05	0.1	5.4	0.05	0.04	41	0.1	0.03	4.8	1.00	<0.1	0.07
CHB1051954	Soil	7.8	13.5	0.58	107.1	0.065	3	1.38	0.018	0.05	0.1	5.3	0.05	0.03	38	0.2	0.03	4.5	1.08	<0.1	0.04
CHB1051955	Soil	8.0	14.3	0.60	110.1	0.069	3	1.36	0.018	0.05	0.1	5.5	0.05	0.03	29	0.2	<0.02	4.6	1.05	<0.1	0.06
CHB1051956	Soil	7.9	16.0	0.59	102.9	0.080	3	1.24	0.016	0.05	<0.1	5.1	0.05	0.03	27	<0.1	<0.02	4.7	0.96	<0.1	0.09
CHB1051957	Soil	7.9	14.7	0.58	107.9	0.082	3	1.24	0.018	0.05	<0.1	5.3	0.05	0.03	33	<0.1	<0.02	4.6	1.03	<0.1	0.08
CHB1051958	Soil	8.3	15.0	0.60	115.8	0.075	3	1.37	0.019	0.05	<0.1	5.7	0.05	0.03	39	0.2	<0.02	4.7	1.10	<0.1	0.06
CHB1051959	Soil	9.3	28.5	0.90	334.2	0.033	5	2.69	0.022	0.07	<0.1	6.9	0.08	0.06	99	0.4	<0.02	5.9	1.79	<0.1	0.04
CHB1051960	Soil	10.6	16.5	0.51	282.7	0.039	5	2.01	0.014	0.07	<0.1	5.5	0.07	0.06	98	0.3	<0.02	5.1	1.12	<0.1	0.04
CHB1051961	Soil	6.8	18.0	0.43	180.2	0.031	5	1.50	0.011	0.05	<0.1	3.6	0.06	0.03	42	0.2	<0.02	4.8	0.94	<0.1	<0.02
CHB1051962	Soil	3.9	18.4	0.20	170.2	0.038	2	1.36	0.005	0.04	<0.1	2.4	0.05	0.03	68	0.1	0.03	8.5	0.48	<0.1	<0.02
CHB1051963	Soil	3.6	19.2	0.19	288.6	0.006	4	0.78	0.007	0.11	<0.1	3.8	0.08	<0.02	24	<0.1	<0.02	2.5	0.48	<0.1	<0.02
CHB1051964	Soil	4.2	20.5	0.30	343.6	0.008	4	0.90	0.011	0.11	<0.1	4.5	0.08	<0.02	33	<0.1	<0.02	3.0	0.55	<0.1	0.02
CHB1051965	Soil	7.1	27.2	0.46	357.6	0.013	3	1.06	0.010	0.10	<0.1	4.2	0.07	<0.02	34	0.1	<0.02	3.7	0.73	<0.1	0.02
CHB1051966	Soil	6.3	23.2	0.38	285.8	0.015	5	0.90	0.013	0.08	<0.1	4.6	0.07	<0.02	38	0.2	0.03	3.1	0.63	<0.1	<0.02
CHB1051967	Soil	4.2	18.9	0.27	316.6	0.009	5	0.70	0.010	0.09	<0.1	4.5	0.08	<0.02	29	0.1	0.03	2.4	0.54	<0.1	0.02
CHB1051968	Soil	4.2	18.9	0.27	262.1	0.008	4	0.85	0.008	0.09	<0.1	3.7	0.08	<0.02	37	0.2	<0.02	2.9	0.44	<0.1	<0.02
CHB1051969	Soil	5.9	25.4	0.38	267.3	0.010	2	1.14	0.009	0.08	<0.1	3.6	0.06	<0.02	32	0.2	0.03	3.4	0.75	<0.1	<0.02
CHB1051970	Soil	4.0	25.4	0.47	252.2	0.008	2	0.83	0.010	0.09	<0.1	4.9	0.06	<0.02	13	0.2	0.02	2.7	0.87	<0.1	0.05
CHB1051971	Soil	7.5	27.9	0.46	337.0	0.021	3	1.10	0.011	0.10	<0.1	4.2	0.08	<0.02	24	0.1	0.04	4.0	0.73	<0.1	<0.02
CHB1051972	Soil Pulp	5.8	24.1	0.71	15.3	0.061	5	0.86	0.051	0.08	0.5	2.4	12.99	8.96	8763	79.2	0.26	5.8	0.31	0.4	0.20
CHB1051973	Soil	1.3	7.2	9.01	46.3	0.006	3	0.20	0.174	0.03	0.1	0.8	<0.02	0.45	<5	1.3	<0.02	0.6	0.17	<0.1	0.02
CHB1051974	Soil	4.9	22.9	0.29	254.2	0.015	5	0.75	0.009	0.09	<0.1	4.0	0.10	<0.02	24	0.2	0.03	2.7	0.53	<0.1	<0.02
CHB1051975	Soil	6.5	25.9	0.49	279.4	0.016	3	1.30	0.011	0.08	<0.1	3.8	0.08	<0.02	124	0.2	0.02	4.1	0.65	<0.1	<0.02
CHB1051976	Soil	8.7	29.6	0.56	192.3	0.014	4	1.63	0.010	0.10	<0.1	4.7	0.10	0.02	39	0.5	0.04	5.3	1.15	<0.1	0.03
CHB1051977	Soil	10.1	24.9	0.51	244.6	0.028	4	1.30	0.019	0.09	<0.1	5.8	0.08	<0.02	63	0.2	0.03	4.0	0.94	<0.1	0.07
CHB1051978	Soil	9.9	17.8	0.42	215.3	0.031	3	1.25	0.015	0.06	<0.1	3.9	0.07	0.02	66	0.3	<0.02	4.1	0.94	<0.1	0.02
CHB1051979	Soil	12.2	17.0	0.41	423.0	0.008	5	1.27	0.012	0.08	0.1	3.3	0.11	0.07	141	1.1	<0.02	3.5	2.82	<0.1	0.04
CHB1051980	Soil	10.4	15.4	0.35	296.1	0.008	2	1.20	0.011	0.06	0.1	2.9	0.07	0.03	75	0.5	<0.02	3.5	1.56	<0.1	0.03
CHB1051981	Soil	12.8	17.9	0.46	329.6	0.013	2	1.43	0.013	0.06	<0.1	3.7	0.07	0.03	70	0.3	<0.02	4.1	1.21	<0.1	0.04
CHB1051982	Soil	11.2	17.4	0.39	261.6	0.019	3	1.24	0.014	0.07	<0.1	3.6	0.07	0.04	78	0.3	<0.02	3.9	1.16	<0.1	<0.02

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Project: Hudson Bay Mountain
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CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051953	Soil	0.20	2.9	0.3	<0.05	2.4	10.35	16.6	0.03	<1	0.3	12.9	<10	<2
CHB1051954	Soil	0.19	3.1	0.3	<0.05	1.9	10.13	16.2	0.03	<1	0.3	12.8	<10	<2
CHB1051955	Soil	0.17	3.1	0.3	<0.05	2.3	10.40	16.7	0.04	<1	0.3	13.1	<10	<2
CHB1051956	Soil	0.15	2.8	0.3	<0.05	3.2	9.58	16.1	0.04	1	0.3	12.5	<10	<2
CHB1051957	Soil	0.17	3.1	0.3	<0.05	3.1	9.93	16.3	0.03	<1	0.3	12.7	<10	<2
CHB1051958	Soil	0.22	3.2	0.3	<0.05	2.3	11.27	16.7	0.03	3	0.4	12.9	<10	<2
CHB1051959	Soil	0.49	6.1	0.3	<0.05	1.3	17.22	14.4	0.03	<1	0.4	22.6	<10	<2
CHB1051960	Soil	0.62	5.2	0.3	<0.05	1.6	18.48	13.9	0.03	1	0.4	15.2	<10	<2
CHB1051961	Soil	0.56	5.6	0.3	<0.05	0.6	6.11	12.6	0.03	<1	0.3	11.6	<10	<2
CHB1051962	Soil	1.42	2.8	0.6	<0.05	0.5	1.68	8.9	<0.02	<1	0.1	7.8	<10	<2
CHB1051963	Soil	0.06	7.2	0.3	<0.05	0.4	7.21	7.9	0.03	<1	0.4	8.6	<10	<2
CHB1051964	Soil	0.08	7.2	0.3	<0.05	1.0	7.56	9.8	0.03	<1	0.4	10.8	<10	<2
CHB1051965	Soil	0.11	6.3	0.5	<0.05	0.8	8.33	15.7	0.03	<1	0.4	11.0	<10	<2
CHB1051966	Soil	0.12	5.7	0.3	<0.05	0.8	8.61	13.8	0.03	1	0.4	9.1	<10	<2
CHB1051967	Soil	0.08	6.2	0.4	<0.05	0.7	8.25	9.3	0.03	<1	0.4	6.7	<10	<2
CHB1051968	Soil	0.09	6.3	0.4	<0.05	0.5	7.42	9.2	0.03	<1	0.4	9.7	<10	<2
CHB1051969	Soil	0.15	6.6	0.4	<0.05	0.4	7.50	12.6	0.03	<1	0.3	10.2	<10	<2
CHB1051970	Soil	0.06	5.8	0.3	<0.05	0.8	7.44	9.3	0.04	<1	0.4	7.2	<10	<2
CHB1051971	Soil	0.11	6.1	0.4	<0.05	0.8	7.43	17.1	0.03	<1	0.5	10.6	<10	<2
CHB1051972	Soil Pulp	0.41	3.0	46.5	<0.05	5.3	5.56	12.7	2.99	16	0.2	6.6	<10	<2
CHB1051973	Soil	0.11	1.4	0.2	<0.05	1.0	1.84	2.4	<0.02	<1	<0.1	2.0	<10	<2
CHB1051974	Soil	0.10	6.1	0.4	<0.05	0.5	7.80	10.6	0.04	<1	0.5	8.2	<10	<2
CHB1051975	Soil	0.12	5.4	0.4	<0.05	0.5	7.95	12.8	0.03	1	0.5	11.1	<10	<2
CHB1051976	Soil	0.23	9.7	0.5	<0.05	0.5	11.69	15.5	0.03	<1	0.8	16.8	<10	<2
CHB1051977	Soil	0.12	5.9	0.4	<0.05	3.3	11.41	20.5	0.03	1	0.5	11.9	<10	<2
CHB1051978	Soil	0.26	5.1	0.3	<0.05	0.6	8.98	20.1	0.02	<1	0.4	10.9	<10	<2
CHB1051979	Soil	0.29	12.3	0.3	<0.05	0.9	15.09	17.9	0.03	1	0.8	16.6	<10	<2
CHB1051980	Soil	0.24	8.1	0.3	<0.05	0.5	9.60	18.7	<0.02	<1	0.5	14.2	<10	<2
CHB1051981	Soil	0.25	7.7	0.3	<0.05	0.8	11.83	23.6	<0.02	<1	0.5	13.6	<10	<2
CHB1051982	Soil	0.30	6.5	0.3	<0.05	0.4	9.97	21.3	0.03	<1	0.6	11.7	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1051983	Soil	1.95	14.67	8.07	84.5	66	20.2	10.9	1362	2.83	10.1	11.3	1.5	1.6	77.1	0.22	0.51	0.08	52	0.53	0.075
CHB1051984	Soil	2.66	15.09	8.70	86.4	83	20.9	10.9	1506	2.88	10.7	21.4	2.3	1.4	99.3	0.28	0.45	0.10	52	0.67	0.079
CHB1051985	Soil	2.78	12.16	7.09	77.3	54	21.0	11.9	2077	2.94	13.1	15.7	1.6	1.0	57.4	0.26	0.39	0.08	59	0.54	0.072
CHB1051986	Soil	0.69	12.28	6.43	68.9	54	38.6	12.4	600	2.81	4.9	1.0	3.0	1.5	43.1	0.12	0.35	0.24	48	0.35	0.061
SHB1050301	Soil	0.92	20.59	9.04	50.4	146	10.9	5.1	213	3.83	12.3	0.3	1.3	0.7	12.6	0.12	0.68	0.18	77	0.08	0.100
SHB1050302	Soil	0.94	23.72	9.85	130.6	178	23.3	12.5	453	4.18	16.1	0.5	1.9	1.3	25.5	0.39	0.78	0.14	64	0.18	0.084
SHB1050303	Soil	1.32	17.83	11.62	69.0	130	9.4	4.5	348	3.86	11.7	0.4	1.2	0.3	13.9	0.50	0.65	0.19	69	0.16	0.176
SHB1050304	Soil	0.97	15.46	9.00	67.9	204	10.7	5.0	203	4.21	10.4	0.4	1.3	0.5	17.2	0.52	0.63	0.11	62	0.16	0.107
SHB1050305	Soil	1.03	23.02	8.70	92.3	226	17.2	8.8	991	2.73	8.6	0.6	1.9	0.3	56.3	0.50	0.43	0.12	53	1.48	0.109
SHB1050306	Soil	1.00	17.11	10.17	92.4	150	13.0	9.9	753	3.33	10.3	0.4	0.9	0.1	39.3	0.30	0.45	0.13	64	0.36	0.070
SHB1050307	Soil	0.87	12.71	7.79	28.6	152	4.8	2.4	109	1.48	4.1	0.4	1.8	<0.1	29.0	0.29	0.31	0.15	37	0.20	0.033
SHB1050308	Soil	0.96	18.22	10.73	84.6	53	18.4	9.9	528	3.53	12.0	0.4	1.9	0.4	27.3	0.21	0.77	0.12	74	0.35	0.037
SHB1050351	Soil	1.32	12.81	12.73	155.9	90	10.8	6.6	341	6.32	11.0	0.4	0.4	1.3	10.7	0.33	0.59	0.17	94	0.07	0.073
SHB1050352	Soil	1.58	16.53	11.01	91.3	121	12.5	7.9	326	7.16	19.6	0.5	0.9	1.3	20.6	0.50	0.65	0.13	105	0.18	0.080
SHB1050353	Soil	0.98	19.20	8.14	75.2	85	16.7	10.1	802	3.02	9.2	0.6	2.7	1.0	61.2	0.16	0.64	0.10	63	0.68	0.077
SHB1050354	Soil	0.85	24.09	9.86	93.5	92	20.3	9.7	379	3.83	14.1	0.4	0.8	0.7	19.1	0.35	0.79	0.10	63	0.13	0.049
SHB1050355	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050356	Soil	1.21	26.80	15.06	115.4	126	21.1	13.3	981	3.95	14.0	0.6	0.5	0.7	58.1	0.29	0.76	0.12	71	0.88	0.041
SHB1050357	Soil	1.67	51.84	18.11	94.0	229	22.5	23.5	2643	3.87	12.6	1.5	3.2	0.6	78.9	0.72	0.51	0.47	69	1.21	0.075
SHB1050358	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050359	Soil	1.07	19.96	9.04	85.2	66	16.6	8.0	395	4.24	12.9	0.4	1.3	0.3	35.9	0.18	0.38	0.23	81	0.64	0.087
SHB1050360	Soil	0.80	16.93	10.56	97.6	128	13.4	8.9	641	5.02	12.4	0.4	0.8	0.7	17.8	0.40	0.47	0.32	92	0.09	0.101
SHB1050361	Soil	3.27	80.53	8.46	117.6	906	21.3	11.0	3711	3.25	9.6	0.9	0.9	0.3	52.6	1.14	0.44	0.22	66	1.04	0.124
SHB1050362	Soil	1.16	10.40	7.42	49.5	222	9.3	4.7	219	2.88	7.7	0.3	3.7	0.4	24.8	0.31	0.31	0.37	60	0.18	0.030
SHB1050363	Soil Pulp	20.80	4994	5935	>10000	62994	40.6	17.0	406	8.46	447.3	1.2	431.4	1.2	31.1	199.4	74.97	22.13	34	1.05	0.040
SHB1050364	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050365	Soil	0.96	18.02	9.84	128.5	800	12.8	11.6	642	3.96	12.2	0.5	3.2	0.6	43.8	0.41	0.31	0.55	84	0.73	0.067
SHB1050366	Soil	1.03	13.15	7.56	62.8	318	10.4	6.4	339	4.68	11.0	0.3	1.8	0.4	42.6	0.30	0.27	0.17	86	0.38	0.128
SHB1050367	Soil	0.98	12.42	7.50	74.2	440	10.1	6.1	382	3.59	11.9	0.3	1.9	0.3	22.3	0.42	0.39	0.15	67	0.23	0.078
SHB1050368	Soil	0.89	12.38	9.10	84.2	229	9.8	6.7	428	3.06	11.5	0.3	1.4	0.2	29.8	0.21	0.41	0.14	63	0.48	0.072

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1051983	Soil	10.8	17.9	0.42	259.4	0.019	3	1.27	0.014	0.06	<0.1	3.5	0.07	0.02	61	0.3	<0.02	4.0	1.13	<0.1	<0.02
CHB1051984	Soil	12.6	18.2	0.44	330.9	0.012	2	1.50	0.014	0.07	0.1	4.1	0.08	0.03	82	0.4	0.02	4.3	1.22	<0.1	<0.02
CHB1051985	Soil	9.2	19.0	0.45	211.4	0.030	2	1.41	0.014	0.06	0.1	3.9	0.07	0.02	58	0.3	<0.02	4.6	0.89	<0.1	<0.02
CHB1051986	Soil	4.7	23.4	0.39	220.8	0.010	1	0.91	0.010	0.08	<0.1	3.7	0.04	<0.02	26	0.3	0.02	2.8	0.74	<0.1	0.05
SHB1050301	Soil	4.7	18.5	0.27	92.6	0.028	1	1.65	0.006	0.03	0.1	3.0	0.08	<0.02	50	0.2	0.06	7.5	0.89	<0.1	<0.02
SHB1050302	Soil	5.6	26.1	0.48	176.6	0.034	2	3.86	0.006	0.06	0.1	5.2	0.08	0.02	107	0.4	0.03	5.8	1.51	<0.1	0.08
SHB1050303	Soil	4.2	17.8	0.20	100.6	0.021	2	1.56	0.006	0.05	0.2	1.9	0.07	0.04	97	0.3	0.03	7.6	1.19	<0.1	<0.02
SHB1050304	Soil	3.2	24.1	0.27	83.7	0.023	2	2.71	0.005	0.04	0.1	2.8	0.06	0.05	146	0.5	0.03	5.9	0.94	<0.1	0.02
SHB1050305	Soil	9.2	21.3	0.49	207.9	0.015	7	2.04	0.016	0.07	0.1	3.5	0.10	0.09	107	0.3	<0.02	5.9	1.32	<0.1	0.04
SHB1050306	Soil	5.3	19.3	0.34	167.5	0.017	3	1.84	0.010	0.06	0.1	2.2	0.09	0.04	53	0.2	0.04	6.5	1.70	<0.1	<0.02
SHB1050307	Soil	7.7	10.1	0.12	137.9	0.017	2	1.18	0.008	0.03	0.1	1.4	0.07	0.03	47	0.2	<0.02	5.4	0.99	<0.1	<0.02
SHB1050308	Soil	6.4	23.3	0.52	131.9	0.036	2	1.79	0.009	0.05	<0.1	3.4	0.05	0.02	30	0.2	<0.02	6.0	1.23	<0.1	<0.02
SHB1050351	Soil	5.4	26.2	0.30	96.5	0.039	2	2.95	0.006	0.04	0.2	3.7	0.07	<0.02	67	0.3	0.06	10.4	1.38	<0.1	0.07
SHB1050352	Soil	4.4	32.8	0.38	136.0	0.099	3	3.99	0.004	0.03	0.2	5.0	0.06	0.04	160	0.5	0.03	10.7	1.02	<0.1	0.18
SHB1050353	Soil	16.5	20.6	0.47	103.0	0.059	3	1.53	0.016	0.05	<0.1	6.7	0.08	0.02	64	0.4	0.03	4.8	1.03	<0.1	0.05
SHB1050354	Soil	4.6	22.1	0.46	168.2	0.028	2	2.84	0.006	0.04	0.1	3.8	0.08	0.03	79	0.4	0.03	5.4	1.41	<0.1	0.03
SHB1050355	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050356	Soil	18.2	26.3	0.57	128.2	0.022	2	2.20	0.014	0.05	0.1	6.5	0.10	0.03	49	0.4	0.03	6.6	1.80	<0.1	0.03
SHB1050357	Soil	59.0	30.2	0.50	205.3	0.020	2	2.82	0.019	0.07	0.2	7.9	0.18	<0.02	86	0.1	0.02	7.7	2.78	0.2	0.06
SHB1050358	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050359	Soil	7.8	22.7	0.45	164.3	0.023	1	2.35	0.007	0.05	0.1	3.5	0.09	<0.02	36	<0.1	0.03	8.8	1.12	<0.1	<0.02
SHB1050360	Soil	3.7	25.9	0.35	135.1	0.053	2	2.30	0.006	0.05	0.1	3.8	0.05	0.02	78	0.3	<0.02	8.9	0.80	<0.1	0.05
SHB1050361	Soil	25.5	26.6	0.44	202.6	0.018	2	2.72	0.013	0.05	<0.1	5.5	0.13	0.06	142	0.6	<0.02	6.8	1.72	0.1	0.05
SHB1050362	Soil	3.8	15.8	0.26	81.5	0.031	1	1.47	0.008	0.03	0.2	2.8	0.12	0.03	71	0.2	0.07	6.1	0.40	<0.1	<0.02
SHB1050363	Soil Pulp	5.3	22.6	0.65	12.8	0.053	4	0.81	0.052	0.08	0.5	2.4	12.86	8.36	7465	73.5	0.27	5.6	0.30	0.3	0.19
SHB1050364	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050365	Soil	7.6	27.0	0.53	155.0	0.076	2	3.47	0.007	0.10	0.1	6.3	0.11	0.03	164	0.4	0.04	9.4	1.38	<0.1	0.06
SHB1050366	Soil	4.1	24.8	0.45	171.3	0.083	2	3.29	0.006	0.06	0.2	4.3	0.09	0.05	106	0.3	<0.02	8.8	1.01	<0.1	0.07
SHB1050367	Soil	4.3	16.8	0.26	139.3	0.033	3	1.73	0.006	0.07	0.1	2.6	0.06	0.03	103	0.2	<0.02	6.7	0.66	<0.1	0.03
SHB1050368	Soil	7.2	17.2	0.24	115.7	0.020	2	1.55	0.008	0.05	0.1	2.5	0.08	0.03	80	0.2	<0.02	6.9	1.14	<0.1	<0.02

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Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1051983	Soil	0.25	6.5	0.4	<0.05	0.5	9.16	21.9	<0.02	<1	0.5	12.4	<10	<2
CHB1051984	Soil	0.30	8.7	0.4	<0.05	0.6	12.03	23.9	0.02	2	0.6	14.4	<10	<2
CHB1051985	Soil	0.28	6.6	0.3	<0.05	0.3	7.79	19.4	0.03	1	0.4	12.9	<10	<2
CHB1051986	Soil	0.24	5.5	0.4	<0.05	0.8	6.57	10.1	0.02	<1	0.4	7.6	<10	<2
SHB1050301	Soil	0.57	5.8	0.5	<0.05	0.5	1.97	9.3	0.04	<1	0.2	8.6	<10	<2
SHB1050302	Soil	0.79	8.0	0.4	<0.05	2.7	3.98	13.0	0.06	<1	0.5	25.9	<10	<2
SHB1050303	Soil	1.41	7.3	0.7	<0.05	0.2	1.46	8.1	0.03	<1	0.2	9.0	<10	<2
SHB1050304	Soil	1.46	6.1	0.4	<0.05	1.4	1.52	6.1	0.05	<1	0.3	21.0	<10	<2
SHB1050305	Soil	0.80	9.1	0.4	<0.05	1.0	9.31	14.9	0.04	2	0.4	14.1	<10	<2
SHB1050306	Soil	0.55	9.2	0.5	<0.05	<0.1	3.62	10.7	0.03	<1	0.3	12.7	<10	<2
SHB1050307	Soil	0.56	4.4	0.5	<0.05	<0.1	4.51	13.8	<0.02	<1	0.2	4.9	<10	<2
SHB1050308	Soil	0.60	7.7	0.5	<0.05	0.4	4.39	11.5	0.03	<1	0.3	14.8	<10	<2
SHB1050351	Soil	2.48	9.5	1.0	<0.05	3.4	2.17	10.6	0.05	<1	0.3	26.9	<10	<2
SHB1050352	Soil	2.46	5.2	0.6	<0.05	6.6	3.69	8.9	0.08	<1	0.5	21.5	<10	<2
SHB1050353	Soil	0.30	4.3	0.4	<0.05	1.5	20.47	22.6	0.03	2	0.5	17.9	<10	<2
SHB1050354	Soil	0.69	5.6	0.4	<0.05	0.8	2.96	9.5	0.05	1	0.5	22.4	<10	<2
SHB1050355	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050356	Soil	0.82	6.7	0.6	<0.05	0.7	25.14	25.7	0.03	<1	0.6	51.7	<10	<2
SHB1050357	Soil	0.79	9.0	0.7	<0.05	0.9	60.48	78.3	0.09	1	1.8	26.7	<10	<2
SHB1050358	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050359	Soil	1.30	5.9	0.6	<0.05	0.3	5.25	13.4	0.04	<1	0.4	20.5	<10	<2
SHB1050360	Soil	1.29	4.7	0.5	<0.05	2.0	1.72	7.9	0.05	<1	0.3	13.6	<10	<2
SHB1050361	Soil	1.06	5.9	0.5	<0.05	1.3	45.12	28.3	0.04	1	0.9	24.0	<10	<2
SHB1050362	Soil	1.85	2.6	0.5	<0.05	1.0	2.42	7.9	0.04	<1	0.1	12.6	<10	<2
SHB1050363	Soil Pulp	0.38	3.1	42.0	<0.05	5.1	5.43	12.7	2.75	6	0.2	5.8	<10	<2
SHB1050364	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050365	Soil	1.28	6.0	0.6	<0.05	2.5	9.63	15.3	0.05	<1	0.5	19.9	<10	<2
SHB1050366	Soil	1.31	4.3	0.4	<0.05	2.8	3.32	8.9	0.06	<1	0.3	19.2	<10	<2
SHB1050367	Soil	1.33	4.7	0.5	<0.05	0.7	2.61	9.2	0.04	<1	0.3	10.3	<10	<2
SHB1050368	Soil	1.59	10.2	0.5	<0.05	0.3	5.26	10.3	<0.02	<1	0.3	9.6	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050369	Soil	1.22	12.60	7.38	109.0	247	8.0	5.3	248	4.17	21.7	0.3	<0.2	0.7	18.1	0.54	0.64	0.16	57	0.15	0.044
SHB1050370	Soil	0.57	6.85	7.09	42.5	106	5.5	3.1	117	1.71	3.0	0.2	<0.2	0.3	12.0	0.10	0.22	0.08	42	0.08	0.015
SHB1050371	Soil	0.67	4.64	4.91	16.2	110	3.1	1.5	61	1.66	3.6	0.2	<0.2	0.6	10.4	0.04	0.32	0.08	49	0.05	0.021
SHB1050372	Soil	1.14	40.77	11.05	95.5	316	26.7	14.1	2240	4.30	12.7	1.1	0.4	0.6	50.3	0.36	0.55	0.08	82	0.77	0.059
SHB1050373	Soil	1.79	54.53	10.43	129.7	549	29.4	13.8	2270	4.03	11.1	0.9	<0.2	0.7	49.9	0.47	0.53	0.10	73	0.65	0.062
SHB1050374	Soil	3.87	9.97	7.30	64.4	165	7.4	4.5	202	4.84	19.4	0.3	<0.2	0.4	25.5	0.22	0.42	0.12	69	0.13	0.161
SHB1050375	Soil	0.97	14.38	8.67	153.9	172	16.2	8.2	302	3.54	11.5	0.4	0.5	0.7	26.5	0.32	0.39	0.07	63	0.15	0.050
SHB1050376	Soil	0.86	13.23	8.82	109.9	111	9.7	6.3	438	4.19	9.6	0.3	0.3	0.4	24.1	0.52	0.38	0.07	65	0.11	0.048
SHB1050377	Soil	1.18	16.69	9.50	86.4	131	14.7	7.5	331	4.99	17.8	0.4	<0.2	0.5	21.4	0.43	0.59	0.06	87	0.18	0.065
SHB1050378	Soil	0.75	14.76	8.27	78.5	253	11.6	7.5	786	2.25	5.4	0.5	<0.2	<0.1	46.6	0.20	0.29	0.06	44	0.66	0.040
SHB1050379	Soil	1.04	12.70	11.37	46.6	156	5.5	3.3	217	3.94	10.2	0.4	<0.2	0.8	11.7	0.25	0.34	0.12	90	0.06	0.062
SHB1050380	Soil	0.91	16.03	7.43	77.3	178	13.0	7.0	436	3.03	8.1	0.5	<0.2	<0.1	50.6	0.23	0.28	0.06	63	0.39	0.052
SHB1050381	Soil	0.66	7.89	7.28	51.8	80	5.6	3.4	169	2.56	6.2	0.2	<0.2	0.1	15.6	0.23	0.35	0.05	63	0.14	0.028
SHB1050382	Soil	0.80	11.69	9.49	105.3	88	11.3	6.4	292	4.81	14.0	0.3	<0.2	0.6	17.2	0.29	0.47	0.07	91	0.14	0.166
SHB1050383	Soil	0.79	7.32	6.82	135.6	83	9.1	6.8	297	3.75	8.9	0.3	<0.2	0.6	10.8	0.45	0.42	<0.02	70	0.10	0.064
SHB1050384	Soil	0.82	9.36	9.89	118.1	59	9.9	6.3	949	4.65	14.5	0.3	<0.2	0.6	14.6	0.38	0.38	0.08	91	0.15	0.337
SHB1050385	Soil	0.98	20.28	9.25	80.1	180	11.2	7.6	691	3.75	13.0	0.4	<0.2	<0.1	28.8	0.66	0.45	0.05	71	0.42	0.073
SHB1050386	Soil	1.00	19.83	9.01	74.4	208	10.3	6.1	558	3.67	11.8	0.4	<0.2	<0.1	27.7	0.77	0.42	0.05	71	0.38	0.057
SHB1050387	Soil Pulp	20.61	5113	5929	>10000	63725	42.0	17.3	411	8.71	453.3	1.3	455.1	1.1	32.0	204.4	75.72	22.58	34	1.07	0.043
SHB1050388	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050389	Soil	0.87	13.30	10.31	123.2	94	13.1	13.5	821	3.90	14.0	0.4	1.0	0.3	23.2	0.65	0.37	0.24	64	0.22	0.180
SHB1050390	Soil	1.02	16.60	8.37	49.2	69	11.6	5.3	294	3.92	15.6	0.6	0.7	0.1	30.5	0.32	0.43	0.13	66	0.37	0.038
SHB1050391	Soil	0.75	21.64	7.03	69.2	87	17.1	8.9	708	2.95	11.3	0.5	0.6	0.2	58.6	0.22	0.45	0.07	58	0.80	0.054
SHB1050392	Soil	0.77	15.22	9.16	89.3	139	10.5	7.2	353	3.94	12.5	0.4	0.3	0.6	20.6	0.56	0.45	0.06	72	0.14	0.215
SHB1050393	Soil	0.96	15.86	8.36	128.2	40	11.2	8.1	402	4.10	13.3	0.5	4.7	1.3	16.4	0.57	0.62	0.14	74	0.12	0.096
SHB1050394	Soil	1.12	16.73	10.73	107.7	114	13.1	10.7	545	4.70	17.3	0.4	1.7	1.1	21.8	0.56	0.84	0.18	93	0.20	0.156
SHB1050395	Soil	1.00	22.16	10.54	86.4	127	12.8	6.4	345	4.32	15.0	0.5	1.3	0.4	18.6	0.72	0.66	0.16	78	0.12	0.135
SHB1050396	Soil	1.10	19.01	7.44	105.4	217	10.4	6.8	268	3.57	12.8	0.6	0.9	1.1	18.0	0.79	0.48	0.11	59	0.14	0.128
SHB1050397	Soil	0.87	19.10	10.25	61.2	52	13.3	10.8	688	2.79	27.0	0.6	1.1	1.2	42.4	0.17	0.73	0.12	50	0.27	0.045
SHB1050398	Soil	0.76	17.14	11.17	82.3	75	11.5	10.6	964	3.61	13.5	0.4	0.8	1.0	20.8	0.45	0.67	0.09	70	0.21	0.255

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050369	Soil	5.5	17.9	0.23	111.6	0.019	1	2.23	0.005	0.04	0.2	2.3	0.08	0.03	137	0.3	0.04	7.4	1.21	<0.1	0.02
SHB1050370	Soil	5.8	11.3	0.17	59.0	0.037	2	0.89	0.008	0.03	<0.1	1.8	0.05	<0.02	29	<0.1	<0.02	4.5	0.83	<0.1	<0.02
SHB1050371	Soil	4.2	9.0	0.06	30.9	0.054	<1	0.63	0.007	0.03	<0.1	1.1	0.05	<0.02	28	<0.1	<0.02	5.2	0.44	<0.1	0.02
SHB1050372	Soil	30.5	37.7	0.69	216.6	0.020	<1	3.37	0.015	0.06	0.1	7.7	0.18	0.03	115	0.2	<0.02	8.5	2.17	<0.1	0.07
SHB1050373	Soil	30.7	35.4	0.58	202.1	0.016	<1	3.18	0.011	0.06	0.1	7.6	0.17	0.03	62	0.2	0.06	9.1	2.05	0.1	0.03
SHB1050374	Soil	4.4	14.1	0.16	110.7	0.041	<1	2.65	0.005	0.09	0.3	3.0	0.13	0.04	98	0.3	0.04	8.9	1.22	<0.1	0.06
SHB1050375	Soil	6.8	22.9	0.34	124.1	0.027	<1	2.85	0.006	0.04	0.1	3.7	0.07	0.03	93	0.3	0.04	6.5	1.40	<0.1	0.04
SHB1050376	Soil	3.9	20.1	0.25	120.8	0.034	1	2.71	0.004	0.04	0.1	2.7	0.09	0.03	99	0.2	0.06	7.2	0.96	<0.1	<0.02
SHB1050377	Soil	4.0	24.5	0.39	120.8	0.058	2	2.72	0.005	0.04	0.1	3.9	0.05	0.03	78	0.1	<0.02	7.4	1.02	<0.1	0.04
SHB1050378	Soil	20.5	18.5	0.30	113.1	0.022	1	1.77	0.015	0.04	<0.1	3.6	0.10	0.03	91	0.3	<0.02	6.2	1.61	<0.1	<0.02
SHB1050379	Soil	4.6	18.0	0.14	90.1	0.055	1	1.90	0.006	0.04	0.1	2.6	0.07	0.02	114	0.1	0.03	10.6	0.64	<0.1	0.03
SHB1050380	Soil	9.4	19.1	0.33	196.4	0.019	1	2.07	0.009	0.06	<0.1	3.0	0.07	<0.02	83	<0.1	<0.02	7.0	1.21	<0.1	<0.02
SHB1050381	Soil	4.4	12.5	0.14	111.3	0.042	1	1.00	0.008	0.04	<0.1	1.9	0.05	<0.02	30	<0.1	0.03	6.0	0.58	<0.1	<0.02
SHB1050382	Soil	4.1	20.1	0.36	128.1	0.060	2	1.67	0.008	0.04	0.1	3.2	0.06	<0.02	44	0.2	0.04	8.5	0.93	<0.1	0.03
SHB1050383	Soil	3.8	17.7	0.27	94.7	0.046	1	2.20	0.006	0.03	0.1	2.6	0.05	<0.02	58	0.2	<0.02	6.4	0.86	<0.1	0.04
SHB1050384	Soil	3.8	21.4	0.33	109.5	0.047	2	2.21	0.006	0.05	0.2	2.9	0.05	0.02	128	0.2	<0.02	8.4	0.96	<0.1	0.04
SHB1050385	Soil	6.9	16.9	0.27	139.6	0.036	2	1.43	0.007	0.05	<0.1	2.2	0.06	0.04	97	0.1	<0.02	6.9	1.04	<0.1	<0.02
SHB1050386	Soil	8.6	17.0	0.24	112.4	0.041	2	1.50	0.008	0.04	0.1	2.2	0.06	0.04	76	<0.1	<0.02	6.7	1.08	<0.1	<0.02
SHB1050387	Soil Pulp	5.5	24.3	0.67	10.0	0.056	4	0.85	0.053	0.08	0.5	2.5	12.57	8.51	7696	76.6	0.27	5.6	0.29	0.4	0.16
SHB1050388	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050389	Soil	4.7	16.6	0.32	175.0	0.040	2	2.23	0.009	0.05	0.2	3.3	0.09	0.03	131	0.3	<0.02	6.4	1.08	<0.1	0.02
SHB1050390	Soil	6.4	18.7	0.30	146.9	0.051	1	2.02	0.015	0.04	<0.1	3.1	0.07	0.05	100	0.3	0.02	7.0	0.76	<0.1	0.02
SHB1050391	Soil	11.1	19.4	0.40	157.7	0.031	2	1.76	0.012	0.07	<0.1	4.9	0.09	0.03	90	0.2	0.03	5.0	0.92	<0.1	<0.02
SHB1050392	Soil	4.2	21.0	0.26	140.9	0.051	2	2.14	0.008	0.04	0.1	3.6	0.05	0.02	92	0.2	<0.02	7.0	0.88	<0.1	0.04
SHB1050393	Soil	4.0	19.1	0.30	106.1	0.057	2	2.49	0.005	0.03	0.1	3.6	0.06	<0.02	72	0.1	<0.02	6.1	0.99	<0.1	0.12
SHB1050394	Soil	4.8	23.1	0.44	143.2	0.058	3	2.40	0.007	0.04	0.2	4.4	0.07	<0.02	37	0.2	0.04	7.8	1.17	<0.1	0.06
SHB1050395	Soil	4.8	21.8	0.34	149.0	0.025	2	2.45	0.006	0.04	0.2	3.8	0.07	0.03	90	0.2	0.02	6.5	1.11	<0.1	<0.02
SHB1050396	Soil	4.8	19.1	0.21	134.2	0.037	2	3.21	0.004	0.03	0.1	3.2	0.05	0.03	120	0.2	0.03	5.4	0.97	<0.1	0.10
SHB1050397	Soil	7.5	15.0	0.32	113.4	0.039	3	1.65	0.020	0.05	<0.1	3.7	0.07	0.03	33	0.1	0.03	4.1	0.84	<0.1	0.02
SHB1050398	Soil	5.0	16.9	0.39	131.7	0.057	3	1.67	0.006	0.04	0.1	4.2	0.06	<0.02	59	0.2	<0.02	5.2	0.92	<0.1	0.04

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050369	Soil	4.41	8.0	0.6	<0.05	1.5	2.02	11.3	0.03	<1	0.3	14.9	<10	<2
SHB1050370	Soil	1.09	5.2	0.4	<0.05	0.5	2.53	10.2	<0.02	<1	0.1	5.2	<10	<2
SHB1050371	Soil	0.76	4.1	0.4	<0.05	1.1	0.87	8.0	<0.02	<1	<0.1	1.3	<10	<2
SHB1050372	Soil	0.90	8.1	0.4	<0.05	1.9	31.41	69.1	0.06	<1	1.2	22.4	<10	<2
SHB1050373	Soil	1.55	7.3	0.4	<0.05	1.2	29.92	49.6	0.06	<1	1.0	31.1	<10	<2
SHB1050374	Soil	1.74	3.9	0.6	<0.05	2.2	2.32	8.1	0.04	<1	0.3	11.0	<10	<2
SHB1050375	Soil	1.37	6.4	0.3	<0.05	2.1	5.90	17.4	0.05	<1	0.5	25.3	<10	<2
SHB1050376	Soil	1.65	5.5	0.4	<0.05	1.0	1.63	7.7	0.05	<1	0.3	13.7	<10	<2
SHB1050377	Soil	1.19	5.0	0.3	<0.05	1.8	2.85	9.2	0.06	<1	0.4	18.9	<10	<2
SHB1050378	Soil	0.43	4.3	0.3	<0.05	0.3	26.35	22.6	0.03	<1	0.5	27.0	<10	<2
SHB1050379	Soil	2.37	4.4	0.8	<0.05	2.1	1.59	9.3	0.03	<1	0.2	6.1	<10	<2
SHB1050380	Soil	0.62	8.2	0.3	<0.05	0.2	7.73	15.4	0.04	<1	0.4	16.8	<10	<2
SHB1050381	Soil	0.74	5.5	0.4	<0.05	0.6	1.72	9.2	<0.02	<1	0.2	5.5	<10	<2
SHB1050382	Soil	2.29	6.0	0.5	<0.05	2.0	2.36	8.1	0.04	<1	0.3	16.0	<10	<2
SHB1050383	Soil	1.92	5.1	0.6	<0.05	2.4	1.88	7.6	0.03	<1	0.3	16.8	<10	<2
SHB1050384	Soil	2.79	4.8	0.6	<0.05	1.5	1.92	8.2	0.03	<1	0.3	17.3	<10	<2
SHB1050385	Soil	0.94	7.2	0.3	<0.05	0.6	5.46	15.4	0.04	<1	0.3	11.9	<10	<2
SHB1050386	Soil	1.06	5.5	0.4	<0.05	0.5	6.78	16.4	0.04	<1	0.3	11.8	<10	<2
SHB1050387	Soil Pulp	0.38	3.2	42.9	<0.05	4.8	5.53	12.4	2.72	14	0.2	6.3	<10	2
SHB1050388	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050389	Soil	1.90	5.9	0.4	<0.05	1.0	3.60	11.9	0.05	<1	0.4	14.4	<10	<2
SHB1050390	Soil	1.12	4.7	0.2	<0.05	1.2	4.95	11.4	0.05	<1	0.2	7.2	<10	<2
SHB1050391	Soil	0.49	6.4	0.3	<0.05	0.7	13.35	17.4	0.03	<1	0.5	13.6	<10	<2
SHB1050392	Soil	0.95	4.7	0.2	<0.05	2.1	3.19	9.8	0.04	<1	0.4	7.7	<10	<2
SHB1050393	Soil	0.99	6.8	0.5	<0.05	4.4	2.40	8.1	0.06	<1	0.3	16.5	<10	<2
SHB1050394	Soil	1.06	7.5	0.6	<0.05	2.2	3.30	10.2	0.05	1	0.3	16.9	<10	<2
SHB1050395	Soil	1.10	6.2	0.5	<0.05	0.6	3.45	16.1	0.07	<1	0.4	13.6	<10	<2
SHB1050396	Soil	1.73	6.5	0.5	<0.05	3.3	2.78	9.7	0.04	<1	0.4	14.2	<10	<2
SHB1050397	Soil	0.41	4.5	0.3	<0.05	0.8	5.69	20.1	0.03	<1	0.4	9.6	<10	<2
SHB1050398	Soil	0.41	6.3	0.4	<0.05	1.8	4.73	11.3	0.04	1	0.4	10.8	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050399	Soil	0.99	15.35	11.78	100.9	86	9.2	9.6	786	4.85	17.4	0.5	0.6	1.0	14.1	0.75	0.68	0.14	112	0.10	0.185
SHB1050400	Soil	1.05	16.27	9.39	94.7	61	13.9	18.0	857	4.11	15.7	0.4	1.2	1.3	35.9	0.30	0.60	0.10	59	0.31	0.183
SHB1050401	Soil	0.94	18.18	8.80	105.8	235	14.0	7.8	359	3.86	15.8	0.5	0.9	0.4	31.9	0.22	0.62	0.13	83	0.66	0.048
SHB1050402	Soil	0.44	15.88	8.30	49.3	258	7.8	4.5	153	1.51	4.5	0.4	0.6	0.1	34.1	0.16	0.32	0.10	37	0.59	0.043
SHB1050403	Soil	0.99	16.39	12.50	83.2	211	10.5	7.3	414	4.27	17.7	0.4	0.5	0.6	18.8	0.19	0.99	0.14	97	0.16	0.096
SHB1050404	Soil	1.08	25.09	12.82	80.0	127	16.7	8.0	441	4.54	15.6	0.4	9.1	0.9	17.7	0.41	0.78	0.12	68	0.12	0.067
SHB1050405	Soil	0.93	21.23	9.40	81.9	90	16.5	10.7	891	3.19	9.7	0.5	0.2	0.9	51.9	0.22	0.43	0.10	68	0.60	0.032
SHB1050407	Soil	0.82	15.16	12.54	64.8	145	10.6	5.7	248	4.66	13.9	0.4	0.7	1.0	14.5	0.23	0.74	0.13	82	0.11	0.080
SHB1050408	Soil	2.40	14.66	9.40	62.5	117	6.4	5.3	619	3.63	8.9	0.4	0.3	0.1	21.2	0.25	0.47	0.14	53	0.15	0.104
SHB1050409	Soil	0.83	16.81	13.03	66.5	81	10.8	5.8	344	4.20	16.1	0.4	0.2	0.6	15.3	0.24	0.77	0.13	80	0.10	0.207
SHB1050410	Soil	0.92	11.14	9.96	72.8	79	6.6	4.4	348	3.02	9.5	0.3	0.8	0.5	11.6	0.20	0.55	0.17	81	0.11	0.043
SHB1050411	Soil	1.42	28.81	11.00	105.9	262	19.2	13.4	1843	3.34	11.9	0.7	20.8	0.5	56.3	0.56	0.46	0.13	61	1.01	0.070
SHB1050412	Soil	1.75	24.52	7.79	57.8	287	7.7	3.8	191	3.33	10.6	0.6	<0.2	0.2	46.4	0.33	0.37	0.12	46	1.25	0.060
SHB1050413	Soil	1.32	15.45	11.95	76.4	127	8.2	5.2	334	3.68	10.3	0.3	0.3	0.7	22.6	0.19	0.53	0.23	93	0.13	0.055
SHB1050414	Soil	0.93	38.18	10.77	92.8	236	15.3	10.9	610	3.63	11.7	0.6	0.7	0.4	45.8	0.40	0.49	0.13	73	0.73	0.036
SHB1050415	Soil	2.20	36.15	12.48	123.4	197	23.4	16.6	1845	4.54	15.3	0.8	1.0	0.6	54.4	0.51	0.63	0.17	82	0.67	0.081
SHB1050416	Soil	1.20	21.33	11.15	57.7	152	8.8	4.8	285	4.00	12.7	0.5	0.5	0.5	14.2	0.28	0.60	0.17	95	0.07	0.089
SHB1050417	Soil	1.06	17.65	9.72	126.3	141	13.5	8.9	356	4.08	13.0	0.5	0.7	0.7	18.5	0.24	0.55	0.13	69	0.18	0.104
SHB1050418	Soil	1.19	24.52	12.72	101.0	111	14.3	8.5	638	4.78	15.5	0.6	0.6	0.7	20.4	0.43	0.69	0.13	83	0.17	0.061
SHB1050419	Soil	0.93	41.19	11.99	109.7	143	18.5	13.0	1195	3.52	11.3	0.6	1.0	0.4	39.0	0.39	0.63	0.11	70	0.65	0.047
SHB1050420	Soil	1.01	21.38	10.10	100.1	110	13.7	8.0	453	3.60	12.8	0.4	0.6	0.2	31.7	0.32	0.53	0.14	87	0.40	0.044
SHB1050421	Soil	1.34	19.49	11.27	90.7	102	12.7	7.0	417	5.32	18.2	0.6	1.8	0.9	18.0	0.43	0.54	0.14	93	0.21	0.054
SHB1050422	Soil	0.97	35.85	11.30	85.6	216	12.2	7.4	712	3.23	12.6	0.5	0.3	0.2	32.7	0.45	0.69	0.17	74	0.55	0.049
SHB1050423	Soil	1.11	28.45	10.12	71.7	169	14.8	6.9	243	2.90	10.7	0.5	0.5	0.2	26.3	0.31	0.56	0.13	64	0.60	0.047
SHB1050424	Soil	1.33	58.35	11.04	123.7	283	20.8	11.5	1394	3.55	12.0	0.7	0.3	0.5	38.2	0.53	0.52	0.15	66	0.96	0.077
SHB1050425	Soil	0.84	20.56	11.49	67.3	98	14.4	7.5	386	3.88	12.0	0.4	1.2	0.6	17.6	0.34	0.62	0.09	71	0.14	0.052
SHB1050426	Soil Pulp	23.51	5126	5927	>10000	67555	45.5	18.8	433	9.24	469.2	1.7	557.8	1.6	37.8	237.2	93.60	28.93	37	1.15	0.043
SHB1050427	Soil	0.24	2.37	6.17	17.7	88	1.8	0.7	89	0.13	5.1	2.8	2.7	0.2	289.8	0.23	2.53	0.10	12	19.37	0.011
SHB1050428	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050429	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050399	Soil	4.6	20.7	0.33	143.6	0.075	2	2.01	0.006	0.03	0.2	3.6	0.06	<0.02	54	0.1	0.03	8.6	0.82	<0.1	0.05
SHB1050400	Soil	5.6	18.0	0.30	117.5	0.039	2	3.59	0.005	0.06	0.2	4.8	0.10	0.02	134	0.4	0.02	5.8	2.65	<0.1	0.08
SHB1050401	Soil	5.5	22.4	0.47	203.5	0.035	4	2.32	0.010	0.04	0.1	3.6	0.08	<0.02	59	0.2	0.04	8.7	1.28	<0.1	<0.02
SHB1050402	Soil	7.4	13.4	0.26	150.5	0.015	2	1.60	0.011	0.04	<0.1	1.9	0.08	0.02	54	0.2	<0.02	6.0	0.84	<0.1	<0.02
SHB1050403	Soil	5.0	20.5	0.32	152.3	0.035	2	1.90	0.007	0.04	0.1	3.6	0.06	<0.02	42	0.2	0.03	7.8	0.80	<0.1	<0.02
SHB1050404	Soil	4.5	23.4	0.39	151.1	0.025	2	2.62	0.005	0.03	0.1	4.0	0.06	0.03	116	0.3	0.03	6.0	1.03	<0.1	0.04
SHB1050405	Soil	8.6	24.3	0.55	173.8	0.041	2	2.29	0.021	0.06	<0.1	5.7	0.11	<0.02	36	<0.1	<0.02	6.5	1.62	<0.1	0.04
SHB1050407	Soil	3.6	22.4	0.29	89.7	0.022	1	2.80	0.004	0.03	0.1	3.5	0.06	0.02	99	0.3	0.02	7.1	0.67	<0.1	0.07
SHB1050408	Soil	5.3	11.5	0.20	82.4	0.013	2	2.62	0.006	0.04	0.2	1.5	0.10	0.04	111	0.2	0.05	7.0	0.83	<0.1	0.03
SHB1050409	Soil	4.2	18.9	0.31	113.5	0.037	2	2.31	0.005	0.04	0.1	3.3	0.08	0.02	61	0.2	0.02	6.9	0.86	<0.1	<0.02
SHB1050410	Soil	5.0	13.5	0.17	62.1	0.042	2	1.22	0.005	0.04	<0.1	2.3	0.07	<0.02	19	<0.1	0.03	8.7	0.46	<0.1	<0.02
SHB1050411	Soil	18.3	24.7	0.45	203.4	0.013	2	2.62	0.013	0.06	0.1	5.8	0.14	0.03	74	0.2	<0.02	7.1	1.63	<0.1	0.04
SHB1050412	Soil	10.4	15.7	0.25	85.6	0.034	2	3.68	0.009	0.04	0.2	2.8	0.06	0.05	122	0.4	<0.02	9.3	0.84	<0.1	0.04
SHB1050413	Soil	6.0	17.0	0.27	168.4	0.064	2	1.69	0.006	0.04	0.2	2.8	0.08	<0.02	36	0.1	0.04	10.5	0.69	<0.1	0.04
SHB1050414	Soil	13.5	23.1	0.43	116.4	0.028	2	2.01	0.011	0.05	<0.1	4.3	0.07	<0.02	32	<0.1	0.02	7.4	1.54	<0.1	<0.02
SHB1050415	Soil	15.8	29.8	0.66	213.8	0.039	3	3.15	0.013	0.09	0.1	7.8	0.25	0.02	92	0.4	0.04	8.0	2.72	0.1	0.04
SHB1050416	Soil	4.3	19.4	0.26	144.2	0.035	1	1.85	0.007	0.04	0.1	3.2	0.07	<0.02	66	0.3	0.06	8.4	0.80	<0.1	0.02
SHB1050417	Soil	6.0	20.7	0.31	137.2	0.015	<1	2.89	0.006	0.04	0.2	3.6	0.07	0.03	80	0.3	<0.02	7.5	1.25	<0.1	0.02
SHB1050418	Soil	7.0	23.3	0.39	123.6	0.033	2	2.97	0.004	0.05	0.1	4.5	0.09	0.02	44	0.3	0.03	8.8	1.43	<0.1	<0.02
SHB1050419	Soil	12.7	24.9	0.59	171.0	0.025	3	2.30	0.012	0.06	<0.1	5.1	0.08	<0.02	33	0.2	0.02	6.5	2.07	<0.1	0.02
SHB1050420	Soil	11.6	22.8	0.33	161.8	0.031	3	2.09	0.008	0.05	0.1	3.4	0.07	0.02	42	0.1	0.02	8.3	1.13	<0.1	<0.02
SHB1050421	Soil	4.1	25.9	0.36	149.4	0.053	3	2.59	0.005	0.04	0.2	3.4	0.07	0.03	78	0.2	0.03	9.1	1.12	<0.1	0.06
SHB1050422	Soil	10.6	20.9	0.29	107.4	0.038	2	1.39	0.008	0.05	0.1	3.0	0.07	<0.02	33	0.1	0.05	6.7	1.90	<0.1	<0.02
SHB1050423	Soil	6.4	21.7	0.38	98.2	0.018	1	2.01	0.008	0.04	0.1	2.7	0.09	<0.02	36	0.3	<0.02	7.4	1.16	<0.1	<0.02
SHB1050424	Soil	9.4	26.5	0.47	140.4	0.016	3	2.39	0.011	0.08	<0.1	5.5	0.11	0.02	34	0.2	0.02	7.4	1.75	<0.1	0.07
SHB1050425	Soil	4.7	22.0	0.41	115.8	0.031	2	2.17	0.007	0.04	<0.1	3.5	0.07	<0.02	36	0.2	0.03	6.0	0.99	<0.1	<0.02
SHB1050426	Soil Pulp	6.6	25.4	0.67	12.4	0.064	4	0.88	0.049	0.08	0.5	2.8	13.52	8.67	5572	80.5	0.26	6.2	0.32	0.3	0.19
SHB1050427	Soil	1.1	3.8	9.14	24.2	0.003	4	0.09	0.174	0.02	0.2	0.4	<0.02	0.36	<5	0.6	0.02	0.3	0.05	0.1	0.02
SHB1050428	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050429	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050399	Soil	1.11	5.2	0.6	<0.05	1.8	2.49	8.3	0.05	<1	0.3	11.6	<10	<2
SHB1050400	Soil	0.79	5.2	0.4	<0.05	3.2	4.79	16.8	0.05	<1	0.5	14.9	<10	<2
SHB1050401	Soil	0.86	6.1	0.6	<0.05	0.3	3.81	9.7	0.05	<1	0.4	19.8	<10	<2
SHB1050402	Soil	0.41	5.2	0.5	<0.05	0.2	6.34	9.8	0.02	<1	0.2	12.5	<10	<2
SHB1050403	Soil	0.65	5.6	0.6	<0.05	0.4	2.53	9.3	0.04	<1	0.3	12.7	<10	<2
SHB1050404	Soil	0.91	5.6	0.4	<0.05	1.4	2.81	10.0	0.07	<1	0.2	17.9	<10	<2
SHB1050405	Soil	0.61	6.2	0.5	<0.05	2.7	7.94	15.9	0.05	<1	0.4	18.0	<10	<2
SHB1050407	Soil	1.11	5.7	0.4	<0.05	2.9	1.62	6.7	0.05	<1	0.2	16.1	<10	<2
SHB1050408	Soil	1.06	3.8	0.5	<0.05	0.5	2.25	10.1	0.04	<1	0.3	13.4	<10	<2
SHB1050409	Soil	0.84	5.4	0.4	<0.05	0.8	2.26	8.1	0.05	<1	0.1	10.5	<10	<2
SHB1050410	Soil	1.06	4.1	0.8	<0.05	0.6	1.51	9.1	0.02	<1	0.1	4.3	<10	<2
SHB1050411	Soil	0.60	8.0	0.5	<0.05	1.2	23.38	20.2	0.05	<1	0.7	44.6	<10	<2
SHB1050412	Soil	2.27	3.4	0.6	<0.05	1.6	8.56	14.3	0.06	<1	0.4	18.2	<10	<2
SHB1050413	Soil	2.78	5.7	1.1	<0.05	1.4	2.51	10.4	0.03	<1	0.2	11.1	<10	<2
SHB1050414	Soil	0.99	7.5	0.6	<0.05	0.8	11.64	14.2	0.05	<1	0.5	14.0	<10	<2
SHB1050415	Soil	0.49	11.0	0.5	<0.05	1.2	17.94	24.3	0.05	<1	0.4	23.7	<10	<2
SHB1050416	Soil	1.10	4.5	0.7	<0.05	0.6	1.90	8.5	0.03	<1	0.2	9.0	<10	<2
SHB1050417	Soil	1.47	5.6	0.5	<0.05	1.1	4.47	11.5	0.05	<1	0.4	20.1	<10	<2
SHB1050418	Soil	1.18	8.4	0.6	<0.05	0.7	5.89	14.5	0.06	<1	0.5	17.2	<10	<2
SHB1050419	Soil	0.57	9.1	0.5	<0.05	2.0	12.84	22.7	0.04	<1	0.5	21.3	<10	<2
SHB1050420	Soil	1.11	5.1	0.7	<0.05	0.4	10.75	15.1	0.04	<1	0.3	18.0	<10	<2
SHB1050421	Soil	4.21	6.9	0.8	<0.05	3.0	2.43	9.6	0.06	<1	0.3	13.8	<10	<2
SHB1050422	Soil	0.90	9.2	0.7	<0.05	0.4	7.75	14.5	0.04	<1	0.3	7.2	<10	<2
SHB1050423	Soil	0.57	6.3	0.5	<0.05	0.4	4.04	10.6	0.03	<1	0.2	21.0	<10	<2
SHB1050424	Soil	0.82	11.3	0.6	<0.05	0.9	8.30	21.2	0.03	<1	0.6	24.2	<10	<2
SHB1050425	Soil	0.79	5.5	0.4	<0.05	0.5	2.42	9.5	0.04	<1	0.2	13.7	<10	<2
SHB1050426	Soil Pulp	0.41	3.6	49.5	<0.05	6.0	6.31	13.6	3.20	15	0.1	6.7	<10	<2
SHB1050427	Soil	0.08	0.6	0.1	<0.05	0.6	1.27	1.7	<0.02	<1	<0.1	1.3	<10	<2
SHB1050428	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050429	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050430	Soil	0.71	12.49	8.33	80.5	194	16.2	16.7	783	3.85	10.7	0.3	1.8	0.5	97.2	0.14	0.37	0.23	81	1.05	0.126
SHB1050431	Soil	1.79	26.74	13.38	89.0	145	8.2	5.3	336	3.43	9.8	0.5	0.6	0.5	27.9	0.35	0.59	0.28	82	0.61	0.047
SHB1050432	Soil	1.19	17.59	7.73	171.4	73	9.8	9.1	1939	6.30	11.6	0.4	0.4	1.4	51.3	0.20	0.35	0.21	64	0.15	0.100
SHB1050433	Soil	1.08	15.24	10.33	77.7	138	8.6	4.5	344	3.54	8.9	0.3	1.4	0.3	30.8	0.30	0.53	0.27	71	0.23	0.134
SHB1050434	Soil	1.06	11.40	10.34	80.5	127	7.7	4.3	170	3.23	9.4	0.4	1.4	0.7	22.3	0.23	0.48	0.18	63	0.19	0.046
SHB1050435	Soil	1.44	10.40	9.43	58.8	238	5.8	4.1	195	4.34	11.3	0.3	0.9	0.6	32.0	0.26	0.53	0.22	85	0.09	0.157
SHB1050436	Soil	0.70	18.68	10.21	58.5	32	12.5	8.5	543	3.02	11.0	0.4	1.1	1.0	30.6	0.19	0.71	0.11	60	0.15	0.026
SHB1050437	Soil	0.87	14.69	10.34	88.9	93	12.7	6.3	305	4.47	14.5	0.4	1.2	1.0	16.1	0.17	0.72	0.15	74	0.10	0.093
SHB1050438	Soil	1.14	13.41	13.94	70.5	116	7.5	5.0	717	4.80	15.5	0.3	1.0	0.8	13.4	0.24	0.64	0.20	96	0.08	0.240
SHB1050439	Soil	0.77	13.99	8.87	71.0	123	13.1	7.0	330	4.35	10.4	0.4	0.3	1.0	49.2	0.23	0.36	0.12	74	0.21	0.176
SHB1050440	Soil	0.90	16.57	8.00	71.6	62	12.0	6.7	317	3.24	9.8	0.4	1.2	0.7	37.9	0.24	0.49	0.13	69	0.17	0.032
SHB1050441	Soil	1.35	18.92	10.27	52.7	147	8.6	4.0	203	3.12	13.9	0.5	0.9	0.2	17.8	0.50	0.54	0.33	75	0.18	0.045
SHB1050442	Soil	1.35	31.78	9.16	92.2	208	17.9	13.0	570	4.04	14.5	0.7	1.2	1.5	57.3	0.22	0.63	0.16	66	0.70	0.074
SHB1050443	Soil	1.44	82.69	12.91	140.7	707	30.9	14.8	1433	4.44	18.6	1.2	1.9	0.7	44.8	0.81	0.82	0.23	70	1.10	0.117
SHB1050444	Soil	0.69	25.20	6.25	80.0	163	15.6	7.1	441	2.77	8.9	0.4	0.8	0.6	26.2	0.31	0.55	0.11	55	0.35	0.028
SHB1050445	Soil	0.74	29.08	9.73	96.4	173	18.7	10.1	1082	3.48	15.8	0.6	0.9	0.5	49.8	0.28	0.57	0.11	72	0.81	0.081
SHB1050446	Soil	0.88	15.98	7.83	71.4	65	14.8	7.7	253	4.16	12.0	0.4	1.1	1.1	52.4	0.08	0.59	0.11	67	0.27	0.088
SHB1050447	Soil	1.02	16.96	9.23	72.1	80	13.5	6.3	306	3.63	13.3	0.4	0.5	1.0	14.9	0.32	0.71	0.11	57	0.11	0.041
SHB1050448	Soil	1.28	27.52	8.17	107.6	195	21.8	9.3	428	3.77	13.4	0.6	0.8	0.6	39.6	0.36	0.58	0.11	61	0.42	0.074
SHB1050449	Soil	1.27	25.79	9.90	84.1	230	10.7	6.8	398	3.47	11.1	0.6	0.6	0.6	22.5	0.32	0.52	0.14	63	0.39	0.101
SHB1050450	Soil	1.15	31.39	11.78	79.4	129	13.2	8.6	920	3.55	12.4	0.6	0.7	0.7	36.8	0.42	0.55	0.15	75	0.41	0.041
SHB1050451	Soil	0.93	13.60	11.07	86.9	129	9.0	5.7	304	4.89	15.9	0.3	0.2	1.1	9.5	0.30	0.77	0.14	105	0.05	0.064
SHB1050452	Soil	1.53	29.59	9.53	152.6	275	21.1	10.8	610	5.92	11.8	0.6	0.6	1.0	68.0	0.39	0.67	0.17	74	0.17	0.315
SHB1050453	Soil	0.65	8.08	5.21	16.2	34	1.8	1.2	78	1.33	2.3	0.2	<0.2	0.1	16.0	0.05	0.33	0.11	37	0.03	0.018
SHB1050454	Soil	1.18	19.82	10.94	90.1	71	10.5	5.6	239	5.57	13.1	0.3	<0.2	1.0	10.6	0.28	0.65	0.15	86	0.06	0.040
SHB1050455	Soil	1.57	14.19	12.26	115.4	79	11.8	7.2	283	4.85	17.5	0.4	0.2	0.5	32.7	0.24	0.66	0.17	101	0.55	0.138
SHB1050456	Soil	1.01	19.09	8.98	104.8	82	17.9	12.9	1923	3.40	9.0	0.9	0.3	1.1	54.7	0.29	0.45	0.10	65	0.49	0.048
SHB1050457	Soil	1.59	9.26	9.85	53.3	25	6.0	3.9	211	3.36	12.4	0.3	<0.2	0.7	16.2	0.10	0.64	0.16	90	0.06	0.088
SHB1050458	Soil	1.66	26.05	9.45	141.6	126	20.3	13.3	766	3.74	9.2	0.6	<0.2	0.6	41.4	0.32	0.53	0.14	65	0.55	0.078
SHB1050459	Soil	0.80	17.37	8.13	64.8	59	13.1	10.9	751	3.13	8.2	0.4	1.1	0.6	53.7	0.23	0.51	0.08	67	0.33	0.057

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050430	Soil	4.3	26.0	0.86	173.2	0.072	3	2.97	0.015	0.08	0.1	5.5	0.07	0.03	119	0.2	0.03	7.5	0.95	<0.1	0.13
SHB1050431	Soil	6.6	16.5	0.24	126.7	0.014	2	1.75	0.010	0.03	0.2	3.2	0.09	<0.02	17	0.1	0.04	8.8	0.71	<0.1	<0.02
SHB1050432	Soil	6.6	14.0	0.43	167.8	0.006	2	4.81	0.007	0.04	0.1	6.0	0.09	0.02	77	0.2	0.03	9.0	1.49	<0.1	0.16
SHB1050433	Soil	4.6	14.5	0.28	124.4	0.033	4	2.12	0.013	0.05	0.2	2.9	0.07	0.03	79	<0.1	0.06	10.5	1.34	<0.1	<0.02
SHB1050434	Soil	5.2	14.3	0.24	121.1	0.017	1	1.96	0.008	0.04	0.2	2.7	0.05	<0.02	40	<0.1	0.02	8.2	1.01	<0.1	<0.02
SHB1050435	Soil	5.2	13.9	0.17	139.7	0.032	2	1.86	0.006	0.03	0.2	2.4	0.07	<0.02	83	0.3	0.06	9.1	1.08	<0.1	0.03
SHB1050436	Soil	5.6	16.0	0.36	120.1	0.038	2	1.68	0.009	0.04	0.1	3.4	0.06	<0.02	44	0.1	<0.02	4.2	0.78	<0.1	0.02
SHB1050437	Soil	4.7	20.4	0.36	127.6	0.028	2	2.45	0.006	0.03	0.1	3.9	0.06	<0.02	99	0.1	0.04	6.9	0.92	<0.1	0.06
SHB1050438	Soil	4.2	18.1	0.19	99.0	0.030	2	2.05	0.005	0.04	0.2	2.5	0.08	0.02	111	0.3	0.04	9.7	0.55	<0.1	0.03
SHB1050439	Soil	4.1	18.6	0.38	224.9	0.024	2	2.85	0.007	0.04	0.1	4.1	0.07	<0.02	63	0.2	0.03	7.0	0.91	<0.1	0.10
SHB1050440	Soil	6.5	15.5	0.34	156.9	0.029	2	1.95	0.009	0.04	0.1	3.4	0.07	<0.02	57	<0.1	0.03	6.6	0.94	<0.1	<0.02
SHB1050441	Soil	5.3	15.5	0.20	106.1	0.032	2	1.64	0.007	0.03	0.1	2.2	0.06	0.04	94	0.2	0.02	8.2	0.82	<0.1	<0.02
SHB1050442	Soil	10.8	21.7	0.49	146.7	0.036	2	4.30	0.010	0.08	0.2	8.3	0.13	<0.02	105	0.4	0.04	8.4	1.41	<0.1	0.18
SHB1050443	Soil	17.0	31.9	0.66	209.7	0.011	3	3.69	0.011	0.09	0.1	6.1	0.18	0.04	97	0.4	0.04	8.3	2.74	<0.1	0.06
SHB1050444	Soil	9.9	19.7	0.45	104.8	0.015	1	1.63	0.008	0.03	<0.1	3.6	0.07	<0.02	20	<0.1	0.03	5.2	1.21	<0.1	<0.02
SHB1050445	Soil	9.3	24.0	0.59	239.6	0.021	4	2.43	0.013	0.06	<0.1	6.0	0.10	0.02	45	0.2	<0.02	6.6	1.44	<0.1	0.04
SHB1050446	Soil	4.4	19.2	0.37	186.5	0.034	2	3.41	0.008	0.05	0.1	4.7	0.07	<0.02	78	0.3	0.03	6.5	1.17	<0.1	0.12
SHB1050447	Soil	4.2	20.3	0.36	126.7	0.025	2	2.61	0.008	0.03	0.1	3.3	0.05	0.03	112	0.2	<0.02	5.3	0.88	<0.1	0.05
SHB1050448	Soil	7.9	22.9	0.49	149.2	0.015	2	3.20	0.007	0.05	0.1	3.9	0.09	0.02	92	0.3	0.04	6.7	1.44	<0.1	0.05
SHB1050449	Soil	6.7	17.3	0.22	99.9	0.020	2	2.66	0.007	0.06	0.2	3.5	0.09	0.03	71	0.2	0.04	7.6	1.58	<0.1	0.02
SHB1050450	Soil	12.0	20.6	0.34	112.1	0.023	2	1.97	0.010	0.05	0.2	5.0	0.10	<0.02	32	0.1	0.04	6.8	1.47	<0.1	<0.02
SHB1050451	Soil	4.0	20.4	0.29	99.2	0.048	2	2.01	0.005	0.03	0.2	3.3	0.07	<0.02	55	0.1	0.04	8.8	0.97	<0.1	0.10
SHB1050452	Soil	6.2	24.0	0.55	261.6	0.007	2	5.04	0.008	0.10	0.2	6.9	0.12	0.05	149	0.4	0.04	11.4	4.75	<0.1	0.10
SHB1050453	Soil	4.8	5.8	0.04	56.9	0.017	2	0.63	0.005	0.03	<0.1	0.8	0.06	<0.02	15	<0.1	<0.02	4.5	0.85	<0.1	<0.02
SHB1050454	Soil	3.9	21.8	0.29	69.1	0.039	2	2.60	0.005	0.04	0.2	3.6	0.05	0.02	81	0.2	0.04	9.8	0.93	<0.1	0.07
SHB1050455	Soil	5.7	20.1	0.35	143.2	0.029	2	2.32	0.008	0.04	0.1	3.8	0.07	<0.02	37	<0.1	0.04	11.2	1.36	<0.1	<0.02
SHB1050456	Soil	26.5	21.4	0.46	168.8	0.027	1	2.68	0.014	0.05	<0.1	8.6	0.13	<0.02	65	0.1	<0.02	6.5	1.21	0.1	0.05
SHB1050457	Soil	4.7	12.1	0.18	79.2	0.024	1	1.45	0.007	0.03	0.2	2.5	0.06	<0.02	48	0.1	<0.02	9.5	0.42	<0.1	<0.02
SHB1050458	Soil	17.1	20.1	0.37	186.5	0.019	1	3.01	0.012	0.05	0.2	4.9	0.12	0.02	70	<0.1	<0.02	7.5	1.32	<0.1	0.02
SHB1050459	Soil	6.7	16.9	0.36	131.7	0.061	3	1.66	0.012	0.06	<0.1	3.8	0.05	<0.02	29	0.1	<0.02	4.6	0.74	<0.1	<0.02

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050430	Soil	0.65	3.7	0.6	<0.05	3.8	5.28	11.0	0.05	1	0.4	18.6	<10	<2
SHB1050431	Soil	1.94	4.5	1.0	<0.05	0.3	3.40	11.7	0.05	<1	0.4	14.8	<10	<2
SHB1050432	Soil	0.82	5.0	0.8	<0.05	4.5	7.00	20.6	0.09	<1	1.0	54.9	<10	<2
SHB1050433	Soil	1.10	4.7	1.1	<0.05	0.2	2.13	8.8	0.04	<1	0.2	13.0	<10	<2
SHB1050434	Soil	2.31	6.0	1.0	<0.05	0.7	2.49	9.1	0.03	<1	0.3	16.6	<10	<2
SHB1050435	Soil	2.08	3.8	1.2	<0.05	0.6	2.34	9.4	0.04	<1	0.2	8.4	<10	<2
SHB1050436	Soil	0.42	4.1	0.4	<0.05	1.0	3.18	14.9	0.04	<1	0.4	10.6	<10	<2
SHB1050437	Soil	1.34	4.4	0.6	<0.05	2.7	2.77	8.8	0.06	<1	0.3	15.9	<10	<2
SHB1050438	Soil	2.11	3.7	0.8	<0.05	1.4	1.46	7.6	0.03	<1	0.2	6.5	<10	<2
SHB1050439	Soil	0.94	5.8	0.6	<0.05	3.4	2.60	8.2	0.04	<1	0.3	14.2	<10	<2
SHB1050440	Soil	0.72	5.7	0.6	<0.05	0.4	5.00	12.3	0.04	<1	0.3	13.4	<10	<2
SHB1050441	Soil	0.88	3.4	0.6	<0.05	0.4	2.92	9.3	0.03	<1	0.2	7.9	<10	<2
SHB1050442	Soil	1.23	5.2	0.6	<0.05	5.2	12.74	26.3	0.07	<1	0.5	24.5	<10	<2
SHB1050443	Soil	1.10	11.7	0.7	<0.05	1.6	14.65	18.8	0.09	<1	1.3	29.0	<10	<2
SHB1050444	Soil	0.50	6.0	0.4	<0.05	0.3	7.81	18.3	0.03	<1	0.3	16.5	<10	<2
SHB1050445	Soil	0.49	6.0	0.5	<0.05	0.9	11.57	17.6	0.05	<1	0.5	24.6	<10	<2
SHB1050446	Soil	1.06	7.1	0.5	<0.05	3.8	2.73	8.6	0.06	<1	0.4	23.8	<10	<2
SHB1050447	Soil	1.45	3.7	0.4	<0.05	2.1	2.04	8.0	0.04	<1	0.3	17.8	<10	<2
SHB1050448	Soil	1.34	7.1	0.5	<0.05	1.1	6.66	14.9	0.06	<1	0.5	28.2	<10	<2
SHB1050449	Soil	1.46	7.8	0.6	<0.05	0.8	3.39	11.3	0.04	1	0.4	14.7	<10	<2
SHB1050450	Soil	0.88	7.1	0.6	<0.05	0.4	11.04	16.2	0.04	<1	0.5	14.6	<10	<2
SHB1050451	Soil	1.55	5.6	0.8	<0.05	3.7	1.91	7.8	0.04	<1	0.3	11.2	<10	<2
SHB1050452	Soil	1.17	8.7	0.8	<0.05	2.9	4.04	13.4	0.07	<1	0.5	50.4	<10	<2
SHB1050453	Soil	0.17	2.1	0.7	<0.05	<0.1	1.27	8.7	<0.02	<1	<0.1	0.7	<10	<2
SHB1050454	Soil	2.35	4.3	0.7	<0.05	3.0	1.44	7.3	0.04	<1	0.2	16.3	<10	<2
SHB1050455	Soil	1.22	6.3	0.8	<0.05	0.2	2.99	9.7	0.04	<1	0.3	23.3	<10	<2
SHB1050456	Soil	0.42	6.2	0.5	<0.05	1.3	26.97	29.0	0.04	<1	0.9	29.7	<10	<2
SHB1050457	Soil	1.83	2.8	1.0	<0.05	0.9	1.68	8.1	0.03	<1	0.2	5.2	<10	<2
SHB1050458	Soil	0.72	4.6	0.6	<0.05	0.5	13.15	27.2	0.05	<1	0.7	33.1	<10	<2
SHB1050459	Soil	0.39	4.6	0.4	<0.05	0.8	5.09	16.4	0.03	<1	0.4	10.5	<10	<2

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050460	Soil	1.06	28.05	10.79	123.1	160	21.6	11.5	773	3.97	14.3	0.7	0.4	1.2	40.8	0.25	0.77	0.12	74	0.60	0.114
SHB1050461	Soil	3.72	27.99	9.75	122.9	263	20.4	13.9	6841	3.15	9.9	0.6	0.6	0.4	86.6	0.93	0.65	0.12	54	1.58	0.091
SHB1050462	Soil	2.03	26.01	12.57	141.1	163	15.6	10.4	907	4.59	12.9	0.5	<0.2	0.7	99.9	0.24	0.72	0.16	80	1.06	0.076
SHB1050463	Soil	1.03	16.48	15.13	63.6	61	10.5	5.4	240	4.02	12.6	0.4	<0.2	0.5	12.8	0.36	0.64	0.12	75	0.07	0.085
SHB1050464	Soil	0.98	13.25	10.02	50.1	186	6.6	3.6	173	3.69	11.0	0.3	<0.2	0.8	19.1	0.14	0.64	0.13	78	0.11	0.130
SHB1050465	Soil	1.67	12.45	15.50	36.2	392	3.7	2.3	148	2.54	6.9	0.2	<0.2	0.2	43.8	0.15	0.36	0.16	40	1.11	0.217
SHB1050466	Soil	0.79	10.80	9.98	52.9	58	7.8	4.0	186	4.04	11.9	0.3	1.0	0.7	13.9	0.15	0.59	0.17	82	0.09	0.107
SHB1050467	Soil	1.15	12.93	11.20	67.6	108	10.5	6.0	368	4.25	12.3	0.4	0.5	1.0	35.4	0.06	0.63	0.15	72	0.06	0.056
SHB1050468	Soil	1.03	12.00	10.11	54.0	89	8.2	5.2	306	4.19	12.8	0.3	0.4	0.8	17.9	0.17	0.55	0.14	95	0.10	0.061
SHB1050469	Soil	0.84	12.37	10.18	38.6	125	5.9	3.3	209	4.54	15.9	0.4	0.2	0.8	28.4	0.15	0.48	0.17	61	0.07	0.325
SHB1050470	Soil	2.49	12.95	11.71	62.8	117	7.6	5.3	276	4.53	10.9	0.4	1.2	0.7	20.4	0.12	0.54	0.17	67	0.29	0.136
SHB1050471	Soil	0.93	10.71	7.84	70.9	101	8.5	4.8	314	3.22	8.9	0.3	4.1	0.4	18.3	0.11	0.44	0.14	64	0.13	0.094
SHB1050472	Soil	0.98	16.29	8.96	77.5	67	14.5	8.7	647	3.25	10.0	0.4	<0.2	0.5	32.9	0.16	0.46	0.11	66	0.26	0.057
SHB1050473	Soil Pulp	20.92	4754	5740	>10000	63480	41.8	15.9	405	8.17	452.6	1.2	498.0	1.2	33.9	221.3	90.92	23.38	34	1.13	0.041
SHB1050474	Soil	0.70	1.46	3.16	13.3	85	5.0	0.9	136	0.33	5.5	2.4	2.8	0.2	303.9	0.35	2.59	0.08	16	19.99	0.017
SHB1050475	Soil	0.78	21.23	8.43	68.3	18	16.9	9.5	720	3.05	10.9	0.5	0.4	1.4	73.7	0.08	0.55	0.09	61	0.58	0.043
SHB1050476	Soil	0.85	23.53	8.26	72.4	42	19.5	11.3	815	3.11	11.7	0.5	2.0	1.5	83.9	0.08	0.58	0.10	62	0.68	0.056
SHB1050477	Soil	0.86	21.89	7.50	78.9	40	16.5	8.9	439	3.19	10.7	0.4	0.4	1.1	69.2	0.08	0.52	0.09	64	0.37	0.065
SHB1050478	Soil	0.86	21.08	9.00	89.0	96	17.5	9.6	540	3.31	11.5	0.5	0.7	1.0	32.5	0.18	0.54	0.10	65	0.19	0.035
SHB1050479	Soil	0.74	16.79	7.37	66.3	46	13.3	8.9	635	2.62	8.4	0.5	0.7	1.0	62.2	0.12	0.55	0.08	53	0.43	0.064
SHB1050480	Soil	0.98	13.27	9.67	75.5	97	9.4	4.9	354	3.71	11.5	0.3	<0.2	0.5	14.6	0.36	0.39	0.13	83	0.07	0.063
SHB1050481	Soil	0.78	13.67	6.30	74.0	131	13.4	6.2	350	2.97	7.8	0.3	<0.2	0.5	34.2	0.20	0.37	0.08	60	0.22	0.057
SHB1050482	Soil	0.77	15.53	8.11	90.9	72	14.0	8.6	485	3.12	9.1	0.4	<0.2	0.4	32.7	0.22	0.46	0.09	60	0.27	0.095
SHB1050483	Soil	0.91	23.05	10.03	87.6	117	16.3	8.5	787	3.04	9.3	0.5	0.3	0.8	43.0	0.43	0.50	0.08	62	0.58	0.041
SHB1050484	Soil	0.91	15.80	7.60	82.3	87	15.7	9.3	524	3.13	8.7	0.5	0.3	0.9	40.3	0.18	0.40	0.09	61	0.33	0.039
SHB1050485	Soil	1.06	17.52	7.87	72.3	98	10.8	6.9	359	2.64	7.2	0.5	<0.2	0.3	30.7	0.28	0.39	0.09	54	0.27	0.056
SHB1050486	Soil	1.51	18.12	8.94	88.8	92	11.2	5.4	233	3.70	13.1	0.5	0.5	0.9	22.9	0.24	0.46	0.13	73	0.20	0.063
SHB1050487	Soil	1.00	17.05	9.28	96.9	139	11.0	7.3	624	4.39	11.1	0.3	<0.2	0.9	10.6	0.29	0.44	0.13	70	0.06	0.094
SHB1050488	Soil	0.97	13.77	14.34	71.8	62	10.6	4.8	258	4.76	14.4	0.4	<0.2	1.0	11.1	0.17	0.56	0.08	80	0.10	0.235
SHB1050489	Soil	1.16	12.45	9.93	83.4	210	10.7	5.9	324	4.02	14.3	0.3	<0.2	0.7	13.7	0.13	0.55	0.13	91	0.06	0.103

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050460	Soil	19.0	24.4	0.50	205.3	0.038	3	3.69	0.013	0.06	0.1	7.1	0.09	<0.02	117	0.4	0.03	8.0	1.83	<0.1	0.03
SHB1050461	Soil	33.9	20.1	0.43	235.3	0.019	2	2.38	0.014	0.06	<0.1	6.5	0.25	0.05	100	0.7	<0.02	6.0	1.82	<0.1	0.04
SHB1050462	Soil	17.3	20.8	0.50	173.6	0.010	2	3.21	0.015	0.07	0.2	5.6	0.10	<0.02	41	<0.1	0.03	10.3	2.04	<0.1	0.03
SHB1050463	Soil	3.9	18.4	0.27	90.0	0.018	1	2.06	0.006	0.03	0.1	3.1	0.06	0.02	73	0.2	<0.02	6.6	0.76	<0.1	0.02
SHB1050464	Soil	4.6	14.1	0.16	106.5	0.019	1	1.66	0.006	0.03	0.2	2.8	0.06	0.02	48	0.2	0.03	7.3	0.43	<0.1	0.03
SHB1050465	Soil	3.6	7.8	0.13	44.8	0.033	1	2.81	0.017	0.07	0.3	1.8	0.08	0.03	94	0.2	0.03	10.0	0.43	<0.1	0.05
SHB1050466	Soil	3.5	16.0	0.22	78.1	0.035	2	1.96	0.005	0.03	0.1	2.5	0.03	0.02	56	0.2	0.04	7.2	1.09	<0.1	0.03
SHB1050467	Soil	4.5	15.9	0.27	104.4	0.022	1	2.75	0.004	0.04	<0.1	3.4	0.04	<0.02	56	0.3	0.03	6.6	1.15	<0.1	0.09
SHB1050468	Soil	4.4	17.5	0.23	98.2	0.044	1	2.13	0.006	0.03	0.1	2.8	0.04	0.03	50	0.2	0.04	8.0	0.65	<0.1	<0.02
SHB1050469	Soil	3.8	14.4	0.17	85.2	0.034	3	3.02	0.002	0.04	0.2	3.3	0.05	0.06	61	0.5	0.07	7.0	1.90	<0.1	0.06
SHB1050470	Soil	5.2	16.2	0.18	82.2	0.048	3	2.40	0.007	0.05	0.2	3.9	0.07	0.05	40	0.2	<0.02	7.5	1.16	<0.1	0.03
SHB1050471	Soil	4.4	13.0	0.25	96.4	0.025	<1	1.79	0.007	0.05	0.1	2.7	0.05	0.03	42	0.1	<0.02	7.2	1.65	<0.1	<0.02
SHB1050472	Soil	5.9	18.1	0.38	134.8	0.043	3	1.92	0.013	0.06	0.1	3.2	0.04	0.02	14	0.2	<0.02	5.9	1.04	<0.1	<0.02
SHB1050473	Soil Pulp	5.4	22.5	0.64	13.1	0.056	4	0.79	0.050	0.08	0.5	2.2	11.72	8.46	7849	73.7	0.31	5.1	0.29	0.3	0.16
SHB1050474	Soil	1.4	10.0	9.25	34.7	0.012	4	0.24	0.128	0.02	0.2	0.5	<0.02	0.30	<5	0.3	<0.02	0.7	0.17	<0.1	<0.02
SHB1050475	Soil	9.6	17.8	0.40	198.8	0.069	2	1.79	0.020	0.09	<0.1	5.8	0.05	<0.02	44	<0.1	0.02	4.8	0.71	<0.1	0.02
SHB1050476	Soil	10.9	19.3	0.45	212.7	0.064	3	1.87	0.022	0.09	<0.1	6.4	0.05	<0.02	55	0.1	<0.02	5.1	0.81	<0.1	<0.02
SHB1050477	Soil	7.5	17.8	0.42	161.0	0.049	3	1.97	0.021	0.10	<0.1	4.8	0.05	<0.02	44	<0.1	0.03	4.9	0.67	<0.1	0.03
SHB1050478	Soil	6.6	18.6	0.41	180.8	0.044	2	2.40	0.016	0.05	0.1	4.3	0.05	<0.02	61	0.2	0.06	5.2	0.94	<0.1	<0.02
SHB1050479	Soil	9.1	14.2	0.33	149.3	0.053	3	1.48	0.018	0.06	<0.1	4.3	0.04	<0.02	25	0.1	0.02	3.7	0.68	<0.1	<0.02
SHB1050480	Soil	4.8	15.8	0.24	120.3	0.026	<1	1.94	0.006	0.04	0.1	2.7	0.03	0.03	45	0.2	0.03	8.2	0.71	<0.1	<0.02
SHB1050481	Soil	5.0	15.2	0.36	134.7	0.033	<1	1.90	0.011	0.05	<0.1	3.0	0.03	0.02	21	0.2	0.03	5.3	0.90	<0.1	<0.02
SHB1050482	Soil	6.4	17.1	0.37	169.5	0.020	3	2.18	0.008	0.06	<0.1	3.4	0.04	0.02	34	<0.1	<0.02	5.7	1.04	<0.1	<0.02
SHB1050483	Soil	8.9	20.2	0.43	147.8	0.038	2	1.85	0.027	0.06	<0.1	4.9	0.05	<0.02	19	0.1	<0.02	5.2	1.06	<0.1	<0.02
SHB1050484	Soil	13.7	18.5	0.39	166.1	0.020	<1	2.39	0.016	0.05	<0.1	4.7	0.05	0.02	28	0.3	<0.02	5.6	1.19	<0.1	0.02
SHB1050485	Soil	7.5	15.0	0.30	135.6	0.011	<1	1.78	0.015	0.04	<0.1	2.3	0.04	0.04	10	0.2	<0.02	5.6	1.16	<0.1	<0.02
SHB1050486	Soil	4.3	20.3	0.27	143.2	0.014	1	2.92	0.005	0.04	0.2	3.8	0.05	0.04	94	0.3	0.02	8.7	1.07	<0.1	0.05
SHB1050487	Soil	3.8	21.1	0.31	94.0	0.012	1	3.27	0.002	0.04	0.1	3.2	0.05	0.04	118	0.4	0.04	8.6	1.20	<0.1	0.06
SHB1050488	Soil	3.3	25.5	0.32	80.6	0.040	1	3.67	<0.001	0.03	0.2	3.7	0.03	0.04	68	0.5	0.02	6.1	1.49	<0.1	0.09
SHB1050489	Soil	4.0	18.5	0.36	101.7	0.047	1	1.89	0.006	0.05	0.2	3.0	0.04	0.02	46	0.2	0.07	8.7	1.29	<0.1	0.02

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050460	Soil	0.91	8.0	0.7	<0.05	1.1	19.65	37.2	0.06	<1	0.9	56.0	<10	<2
SHB1050461	Soil	0.37	7.3	0.4	<0.05	0.9	45.15	47.7	0.05	2	0.7	32.5	<10	<2
SHB1050462	Soil	0.97	6.8	0.9	<0.05	0.9	15.09	16.2	0.06	<1	0.7	30.4	<10	<2
SHB1050463	Soil	1.12	3.9	0.5	<0.05	0.8	1.65	7.3	0.04	<1	0.2	13.5	<10	<2
SHB1050464	Soil	0.97	4.4	0.6	<0.05	1.0	1.87	9.1	0.03	<1	0.2	7.7	<10	<2
SHB1050465	Soil	1.31	4.0	0.8	<0.05	1.2	1.07	6.3	0.03	1	0.1	3.3	<10	<2
SHB1050466	Soil	0.91	3.8	0.5	<0.05	1.4	1.57	6.9	0.04	<1	0.3	9.8	<10	<2
SHB1050467	Soil	0.97	4.6	0.6	<0.05	3.6	2.40	9.5	0.05	<1	0.4	16.5	<10	<2
SHB1050468	Soil	1.31	3.6	0.7	<0.05	1.5	2.38	8.9	0.03	<1	0.3	11.2	<10	<2
SHB1050469	Soil	0.86	4.6	0.5	<0.05	2.0	2.28	7.8	0.05	<1	0.3	6.6	<10	<2
SHB1050470	Soil	1.16	4.9	0.6	<0.05	1.4	3.03	9.1	0.05	<1	0.2	12.4	<10	<2
SHB1050471	Soil	1.23	5.7	0.6	<0.05	0.6	2.48	8.5	0.03	<1	0.2	10.4	<10	<2
SHB1050472	Soil	0.47	6.1	0.5	<0.05	0.5	4.40	12.1	0.04	<1	0.3	11.4	<10	<2
SHB1050473	Soil Pulp	0.37	3.1	48.1	<0.05	4.9	5.57	12.4	2.86	9	0.1	6.3	<10	<2
SHB1050474	Soil	0.17	1.2	0.1	<0.05	0.7	1.53	2.6	<0.02	<1	0.1	2.0	<10	<2
SHB1050475	Soil	0.22	4.6	0.4	<0.05	1.3	9.14	21.3	0.04	<1	0.4	10.1	<10	<2
SHB1050476	Soil	0.23	5.1	0.4	<0.05	1.4	11.43	23.0	0.04	<1	0.4	11.3	<10	<2
SHB1050477	Soil	0.50	5.0	0.4	<0.05	1.3	5.76	15.7	0.04	<1	0.3	10.3	<10	<2
SHB1050478	Soil	0.57	5.3	0.4	<0.05	0.9	4.35	14.4	0.04	<1	0.6	13.7	<10	<2
SHB1050479	Soil	0.35	4.0	0.3	<0.05	0.7	7.58	19.7	0.03	<1	0.3	8.6	<10	<2
SHB1050480	Soil	1.78	5.3	0.7	<0.05	0.6	2.90	9.7	0.04	1	0.3	9.5	<10	<2
SHB1050481	Soil	0.49	5.5	0.4	<0.05	0.3	3.46	11.0	0.03	<1	0.3	11.2	<10	<2
SHB1050482	Soil	0.57	6.8	0.4	<0.05	0.4	4.79	12.5	0.04	<1	0.4	13.5	<10	<2
SHB1050483	Soil	0.58	7.4	0.4	<0.05	0.8	8.17	16.7	0.04	<1	0.4	12.4	<10	<2
SHB1050484	Soil	0.59	6.2	0.4	<0.05	0.9	13.41	21.4	0.04	<1	0.5	16.9	<10	<2
SHB1050485	Soil	0.68	6.5	0.4	<0.05	0.1	5.39	13.2	0.02	<1	0.3	15.7	<10	<2
SHB1050486	Soil	1.94	5.6	0.6	<0.05	2.2	2.62	8.8	0.04	<1	0.2	13.8	<10	<2
SHB1050487	Soil	2.80	5.8	0.7	<0.05	2.2	1.53	8.0	0.04	<1	0.4	17.7	<10	<2
SHB1050488	Soil	1.97	5.0	0.4	<0.05	4.7	2.16	6.5	0.05	<1	0.2	20.8	<10	<2
SHB1050489	Soil	1.16	7.5	0.7	<0.05	1.3	1.79	8.3	0.03	<1	0.1	16.1	<10	<2

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050490	Soil	1.29	13.63	9.57	87.9	153	10.7	6.9	358	4.37	15.3	0.5	0.3	1.0	24.9	0.22	0.57	0.11	84	0.20	0.081
SHB1050491	Soil	1.01	9.95	10.39	53.3	123	5.3	3.6	199	3.50	9.9	0.4	<0.2	0.6	15.1	0.27	0.46	0.12	79	0.08	0.049
SHB1050492	Soil	0.74	10.73	8.92	44.2	59	6.5	3.5	183	2.61	7.6	0.3	<0.2	0.5	21.8	0.18	0.48	0.11	65	0.13	0.036
SHB1050493	Soil	1.07	15.41	10.07	75.1	88	9.1	4.7	300	4.20	14.7	0.4	<0.2	0.7	18.5	0.43	0.50	0.19	77	0.11	0.171
SHB1050494	Soil	1.09	21.77	8.65	67.2	105	10.1	5.9	371	3.37	11.1	0.5	<0.2	0.6	23.1	0.20	0.51	0.13	69	0.24	0.036
SHB1050495	Soil	0.69	13.47	7.32	51.6	73	9.9	4.5	245	2.40	7.4	0.4	0.4	0.3	35.0	0.14	0.38	0.11	57	0.25	0.026
SHB1050496	Soil	0.98	20.07	7.64	69.8	144	11.3	6.2	374	3.01	9.8	0.6	0.4	0.4	40.4	0.28	0.52	0.11	67	0.25	0.044
SHB1050497	Soil	0.90	19.92	6.36	66.4	131	13.0	5.9	431	2.87	9.0	0.5	0.4	0.4	43.0	0.16	0.39	0.09	62	0.29	0.048
SHB1050498	Soil	1.02	27.13	8.35	35.8	110	6.9	3.0	141	2.43	6.9	0.5	<0.2	0.2	30.3	0.40	0.31	0.12	58	0.15	0.063
SHB1050499	Soil	0.83	17.03	7.79	70.0	154	11.5	5.6	337	3.14	10.5	0.4	<0.2	0.5	32.8	0.28	0.36	0.10	67	0.16	0.045
SHB1050500	Soil	0.83	19.42	6.85	78.9	78	14.8	8.6	791	2.75	8.7	0.5	0.4	0.3	68.7	0.24	0.41	0.09	54	0.53	0.069
SHB1050067	Soil Pulp	20.41	4891	5679	>10000	60680	41.5	16.5	407	8.57	445.2	1.3	458.1	1.2	33.6	213.5	86.92	23.55	35	1.10	0.047
SHB1050068	Soil	1.76	30.54	45.01	257.8	645	8.9	11.6	1318	3.97	45.2	0.3	3.4	1.1	11.3	1.10	2.47	0.44	68	0.19	0.117
SHB1050069	Soil	1.38	18.64	15.79	155.5	258	5.9	6.6	456	3.56	23.9	0.2	13.2	0.5	6.2	0.35	1.21	0.29	51	0.09	0.103
SHB1050070	Soil	1.26	9.68	12.29	193.6	63	5.3	9.1	549	3.36	21.4	0.3	16.2	0.2	11.7	0.37	1.04	0.16	58	0.24	0.031
SHB1050071	Soil	1.13	23.28	14.99	101.0	114	6.1	8.9	722	3.17	21.4	0.3	26.6	0.3	11.7	0.36	1.31	0.13	42	0.23	0.039
SHB1050072	Soil	1.32	25.77	16.01	133.8	143	5.4	9.6	1250	3.54	21.1	0.2	2.4	0.2	11.6	0.60	1.11	0.12	46	0.26	0.046
SHB1050073	Soil	1.58	38.73	28.00	147.4	480	8.3	10.2	967	3.37	35.1	0.3	3.9	0.3	12.0	0.47	2.07	0.19	55	0.22	0.041
SHB1050074	Soil	2.43	46.58	36.67	180.4	1114	9.9	11.6	913	3.75	47.8	0.3	2.7	0.2	9.5	0.57	3.05	0.26	72	0.19	0.064
SHB1050075	Soil	2.54	39.99	42.50	183.0	1077	9.2	12.0	1127	3.60	51.7	0.3	2.2	<0.1	14.1	0.60	3.33	0.28	67	0.32	0.042
SHB1050076	Soil	2.30	39.97	37.71	199.4	1149	8.5	10.9	1127	3.24	40.5	0.2	2.2	<0.1	11.1	2.20	2.39	0.27	60	0.30	0.069
SHB1050077	Soil	2.36	39.09	46.59	218.0	1121	9.3	11.8	1203	3.49	57.5	0.2	4.0	<0.1	10.2	1.18	3.19	0.28	65	0.25	0.050
SHB1050078	Soil	2.48	60.35	49.41	252.4	2138	10.4	13.0	1577	3.72	57.1	0.4	3.5	<0.1	16.3	2.44	3.76	0.32	65	0.55	0.070
SHB1050079	Soil	1.96	57.77	43.18	278.0	2375	10.0	11.7	1313	3.25	47.6	0.3	3.5	<0.1	21.6	3.16	3.38	0.37	58	1.01	0.088
SHB1050080	Soil	0.31	2.31	6.03	17.0	140	3.4	0.9	113	0.15	5.5	2.4	6.9	<0.1	296.3	0.42	2.31	<0.02	14	21.17	0.015
SHB1050081	Soil	2.21	56.27	39.55	208.8	2074	9.1	10.9	1216	3.43	40.2	0.3	18.8	<0.1	15.5	1.85	3.68	0.23	64	0.54	0.054
SHB1050082	Soil	2.32	50.17	41.21	225.8	2090	8.3	11.3	1182	3.26	45.3	0.3	3.7	<0.1	16.2	1.96	3.59	0.23	62	0.57	0.056
SHB1050083	Soil	1.54	51.27	42.59	171.8	495	8.1	9.8	805	3.33	27.8	0.2	2.4	<0.1	9.2	0.77	1.54	0.09	60	0.26	0.062
SHB1050084	Soil	2.17	44.00	35.08	180.2	1174	9.5	10.5	1698	3.34	44.5	0.6	2.1	<0.1	21.1	1.37	2.33	0.23	59	0.76	0.065
SHB1050085	Soil	1.61	31.80	33.39	196.6	859	7.7	9.6	1434	3.17	36.5	0.3	1.6	<0.1	18.5	1.65	2.13	0.20	57	0.47	0.074

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CERTIFICATE OF ANALYSIS SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050490	Soil	4.5	18.6	0.33	115.4	0.061	2	2.32	0.015	0.03	0.1	3.7	0.02	0.06	48	<0.1	0.08	8.2	1.30	<0.1	0.07
SHB1050491	Soil	5.9	14.2	0.17	143.2	0.037	<1	1.63	0.005	0.03	0.2	2.4	0.02	0.03	45	0.1	<0.02	7.6	0.55	<0.1	<0.02
SHB1050492	Soil	4.9	13.2	0.17	98.9	0.031	1	1.17	0.009	0.03	<0.1	2.0	0.03	0.02	20	0.2	0.04	6.3	0.54	<0.1	<0.02
SHB1050493	Soil	3.8	17.6	0.23	134.6	0.032	<1	2.60	0.005	0.03	0.2	3.1	<0.02	0.04	81	0.4	<0.02	6.3	0.75	<0.1	0.02
SHB1050494	Soil	5.2	17.2	0.28	153.6	0.031	<1	1.67	0.008	0.04	<0.1	3.1	0.04	0.02	36	0.2	0.06	6.8	1.00	<0.1	<0.02
SHB1050495	Soil	5.9	13.8	0.33	125.0	0.040	<1	1.36	0.011	0.04	<0.1	2.6	0.04	0.02	11	0.1	0.02	5.8	0.91	<0.1	<0.02
SHB1050496	Soil	10.8	16.7	0.29	172.9	0.042	2	1.97	0.011	0.04	<0.1	3.9	0.05	0.03	36	0.2	<0.02	6.3	1.02	<0.1	0.02
SHB1050497	Soil	7.1	16.5	0.35	148.8	0.022	<1	1.98	0.010	0.05	<0.1	3.3	0.05	0.02	22	0.1	<0.02	5.8	1.31	<0.1	<0.02
SHB1050498	Soil	6.4	12.9	0.13	121.0	0.045	2	0.98	0.007	0.04	<0.1	1.7	0.03	0.03	9	0.2	0.03	5.8	1.00	<0.1	<0.02
SHB1050499	Soil	6.3	16.4	0.30	162.2	0.021	<1	1.88	0.008	0.05	<0.1	3.4	0.04	0.02	13	0.2	0.05	6.5	0.79	<0.1	<0.02
SHB1050500	Soil	9.1	16.4	0.38	158.9	0.026	2	1.65	0.016	0.07	<0.1	3.3	0.05	0.03	22	0.2	0.03	4.9	0.82	<0.1	<0.02
SHB1050067	Soil Pulp	5.5	22.0	0.65	12.2	0.057	5	0.82	0.051	0.08	0.5	2.4	12.07	8.69	8539	72.2	0.27	5.4	0.28	0.3	0.19
SHB1050068	Soil	11.1	15.5	0.41	166.3	0.012	2	2.46	0.009	0.13	<0.1	6.6	0.15	0.02	41	0.1	0.03	7.0	2.65	<0.1	0.03
SHB1050069	Soil	5.3	11.3	0.33	78.5	0.009	1	2.22	0.005	0.05	0.1	4.0	0.08	<0.02	44	<0.1	0.04	5.9	1.81	<0.1	0.03
SHB1050070	Soil	4.7	11.6	0.37	70.3	0.014	1	1.40	0.005	0.05	<0.1	3.3	0.07	<0.02	20	<0.1	0.05	5.2	1.52	<0.1	<0.02
SHB1050071	Soil	7.2	11.2	0.46	68.3	0.021	1	1.24	0.012	0.06	<0.1	4.3	0.06	<0.02	34	<0.1	0.02	3.6	1.34	<0.1	0.03
SHB1050072	Soil	8.2	8.3	0.45	86.5	0.020	1	1.20	0.011	0.08	<0.1	5.1	0.05	<0.02	21	<0.1	0.05	3.9	1.15	<0.1	0.02
SHB1050073	Soil	9.5	14.2	0.56	121.2	0.018	2	1.82	0.007	0.09	<0.1	6.3	0.09	<0.02	36	<0.1	0.04	4.9	1.91	<0.1	0.03
SHB1050074	Soil	9.9	16.7	0.66	105.4	0.012	2	2.05	0.006	0.08	<0.1	6.4	0.10	<0.02	51	0.5	0.02	5.6	1.80	<0.1	0.03
SHB1050075	Soil	9.0	15.2	0.64	105.1	0.007	1	1.88	0.005	0.07	<0.1	5.8	0.10	<0.02	47	0.6	0.03	5.5	1.63	<0.1	0.03
SHB1050076	Soil	7.8	13.7	0.43	95.2	0.014	2	1.53	0.005	0.11	<0.1	3.8	0.07	0.03	30	0.4	0.04	5.0	1.62	<0.1	<0.02
SHB1050077	Soil	9.0	15.4	0.57	88.9	0.011	2	1.84	0.006	0.08	<0.1	5.1	0.09	<0.02	38	0.5	0.02	5.1	1.64	<0.1	0.02
SHB1050078	Soil	11.7	16.5	0.60	133.3	0.015	2	2.01	0.007	0.11	<0.1	7.1	0.10	0.03	60	0.6	0.02	6.1	2.02	<0.1	0.04
SHB1050079	Soil	10.4	15.5	0.58	126.1	0.015	4	1.64	0.006	0.13	<0.1	5.1	0.09	0.05	66	0.9	0.02	5.1	1.71	<0.1	0.02
SHB1050080	Soil	1.2	3.3	9.14	27.8	0.004	5	0.12	0.167	0.02	0.2	0.7	0.04	0.34	<5	0.1	0.05	0.5	0.10	<0.1	0.05
SHB1050081	Soil	10.1	14.1	0.56	97.2	0.019	2	1.62	0.010	0.08	<0.1	5.9	0.09	0.02	43	0.6	<0.02	5.1	1.62	<0.1	0.03
SHB1050082	Soil	9.5	13.5	0.57	90.6	0.017	2	1.50	0.009	0.07	<0.1	5.5	0.08	0.02	41	0.6	0.05	4.8	1.57	<0.1	0.03
SHB1050083	Soil	6.9	13.5	0.54	145.5	0.013	1	1.70	0.006	0.07	<0.1	4.2	0.06	<0.02	43	<0.1	<0.02	5.1	1.12	<0.1	0.03
SHB1050084	Soil	9.8	16.2	0.45	137.4	0.012	2	1.83	0.006	0.11	<0.1	5.4	0.09	0.03	44	0.8	<0.02	5.5	1.29	<0.1	0.04
SHB1050085	Soil	8.7	13.9	0.43	125.1	0.016	2	1.59	0.006	0.08	<0.1	5.2	0.09	<0.02	28	0.4	<0.02	4.9	1.44	<0.1	<0.02

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS SMI11000289.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050490	Soil	1.92	6.0	0.6	<0.05	3.3	3.58	9.8	0.06	<1	0.4	13.2	<10	<2
SHB1050491	Soil	1.59	3.4	0.7	<0.05	0.9	3.40	11.0	0.04	<1	0.2	7.6	14	<2
SHB1050492	Soil	0.85	4.6	0.6	<0.05	0.5	2.06	9.1	<0.02	<1	<0.1	5.0	<10	<2
SHB1050493	Soil	1.63	3.8	0.5	<0.05	1.5	2.34	8.1	0.05	<1	0.3	13.3	<10	<2
SHB1050494	Soil	0.91	5.5	0.6	<0.05	0.7	3.48	11.9	0.04	1	0.5	7.8	<10	<2
SHB1050495	Soil	0.44	6.6	0.4	<0.05	0.4	3.90	10.5	0.02	2	0.2	7.2	<10	<2
SHB1050496	Soil	0.88	5.9	0.5	<0.05	1.0	8.24	17.0	0.05	<1	0.5	9.4	<10	<2
SHB1050497	Soil	0.58	6.3	0.4	<0.05	0.6	5.42	13.5	0.03	2	0.3	9.8	<10	<2
SHB1050498	Soil	0.61	5.9	0.6	<0.05	0.5	3.32	11.4	0.02	<1	<0.1	2.6	<10	<2
SHB1050499	Soil	0.83	7.1	0.5	<0.05	0.4	5.47	11.5	0.03	2	0.3	9.4	<10	<2
SHB1050500	Soil	0.33	6.7	0.3	<0.05	0.2	8.26	16.6	0.03	<1	0.2	8.3	<10	<2
SHB1050067	Soil Pulp	0.35	2.9	45.8	<0.05	5.1	5.40	12.3	2.69	12	<0.1	6.2	<10	<2
SHB1050068	Soil	0.35	14.1	0.6	<0.05	1.0	11.54	24.2	0.09	2	0.4	11.0	<10	<2
SHB1050069	Soil	0.42	7.6	0.5	<0.05	1.0	3.80	11.8	0.05	2	0.4	20.6	<10	<2
SHB1050070	Soil	0.40	8.8	0.5	<0.05	0.7	3.30	10.9	0.06	<1	0.2	14.9	<10	<2
SHB1050071	Soil	0.16	4.2	0.3	<0.05	0.8	8.46	16.7	0.04	<1	0.3	10.8	<10	<2
SHB1050072	Soil	0.10	4.5	0.3	<0.05	0.8	9.76	20.6	0.06	<1	0.4	12.5	<10	<2
SHB1050073	Soil	0.29	7.5	0.4	<0.05	0.9	12.60	22.1	0.06	<1	0.4	14.4	<10	<2
SHB1050074	Soil	0.24	7.9	0.3	<0.05	0.7	10.99	20.9	0.07	<1	0.5	16.9	<10	<2
SHB1050075	Soil	0.23	7.1	0.3	<0.05	0.8	10.99	19.3	0.08	2	0.5	16.1	<10	<2
SHB1050076	Soil	0.37	9.7	0.3	<0.05	0.2	9.17	16.8	0.07	<1	0.3	11.4	<10	<2
SHB1050077	Soil	0.29	7.6	0.3	<0.05	0.5	9.03	20.9	0.07	<1	0.5	13.7	<10	<2
SHB1050078	Soil	0.41	10.0	0.3	<0.05	0.9	18.41	23.9	0.09	1	0.5	14.5	<10	<2
SHB1050079	Soil	0.36	8.6	0.3	<0.05	0.8	16.92	18.5	0.08	<1	0.4	13.1	<10	<2
SHB1050080	Soil	0.13	0.8	0.3	<0.05	1.0	1.54	2.1	<0.02	2	0.1	1.5	<10	<2
SHB1050081	Soil	0.28	7.0	0.3	<0.05	0.7	14.99	19.0	0.08	2	0.4	11.1	<10	<2
SHB1050082	Soil	0.27	7.6	0.3	<0.05	0.7	14.14	19.3	0.05	<1	0.4	13.1	<10	<2
SHB1050083	Soil	0.46	5.8	0.5	<0.05	0.8	7.29	15.1	0.05	<1	0.4	14.6	<10	<2
SHB1050084	Soil	0.42	8.4	0.3	<0.05	0.9	13.98	18.6	0.08	<1	0.4	11.2	<10	<2
SHB1050085	Soil	0.40	9.5	0.3	<0.05	0.8	9.31	19.6	0.07	<1	0.4	9.8	<10	<2

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CERTIFICATE OF ANALYSIS SMI11000289.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050086	Soil		1.39	12.20	31.71	209.7	576	4.3	6.9	815	3.08	26.0	0.2	1.3	<0.1	9.9	1.46	1.32	0.24	58	0.21	0.184
SHB1050087	Soil		1.38	13.13	19.72	151.8	235	5.2	7.3	404	3.13	26.3	0.2	2.0	<0.1	7.7	0.30	1.26	0.14	51	0.16	0.059

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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050086	Soil		6.4	11.1	0.22	125.3	0.009	1	1.71	0.006	0.06	<0.1	3.3	0.10	<0.02	31	<0.1	<0.02	6.2	1.90	<0.1	<0.02
SHB1050087	Soil		5.9	10.7	0.31	69.9	0.008	<1	1.61	0.005	0.06	0.1	2.8	0.08	<0.02	23	<0.1	0.02	5.4	1.69	<0.1	<0.02

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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050086	Soil		0.35	9.9	0.4	<0.05	0.4	2.87	14.5	0.06	<1	0.3	8.8	<10	<2
SHB1050087	Soil		0.41	8.1	0.4	<0.05	0.4	2.86	13.0	0.06	<1	0.3	11.9	<10	<2

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QUALITY CONTROL REPORT SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
CHB1051866	Soil	0.63	37.30	6.43	77.6	206	17.9	9.2	941	2.77	8.0	0.6	0.7	0.3	79.3	0.33	0.49	0.08	64	1.31	0.086
REP CHB1051866	QC	0.61	39.60	6.66	81.6	213	18.7	10.0	1008	2.77	9.2	0.6	1.8	0.4	85.3	0.33	0.49	0.10	64	1.35	0.090
SHB1051870	Soil	0.63	19.28	7.74	81.5	115	22.2	11.4	471	4.66	10.9	0.5	1.1	0.5	34.4	0.25	0.21	0.06	117	0.31	0.068
REP SHB1051870	QC	0.54	18.25	7.37	78.1	115	21.0	10.8	439	4.35	10.7	0.4	1.0	0.4	31.9	0.24	0.20	0.05	108	0.29	0.063
SHB1051892	Soil	0.53	18.20	7.17	60.4	94	15.6	10.6	797	2.90	8.2	0.5	1.9	1.1	59.7	0.16	0.40	0.09	71	0.80	0.036
REP SHB1051892	QC	0.54	18.95	7.17	62.1	95	15.7	10.5	839	2.98	8.3	0.5	1.1	1.1	60.2	0.18	0.39	0.08	74	0.85	0.036
CHB1051956	Soil	0.94	16.80	10.12	104.1	53	13.3	9.8	772	3.47	10.2	0.4	0.7	1.3	35.0	0.33	0.58	0.07	81	0.49	0.063
REP CHB1051956	QC	0.91	16.15	9.61	96.3	43	13.1	9.5	723	3.42	10.3	0.4	0.2	1.3	33.3	0.32	0.59	0.06	81	0.48	0.060
CHB1051979	Soil	3.88	14.90	8.81	72.3	156	17.8	8.3	1689	2.19	13.5	43.6	5.3	1.2	156.9	0.38	0.57	0.11	35	1.06	0.080
REP CHB1051979	QC	3.97	15.58	9.23	76.2	160	18.2	7.9	1664	2.20	13.5	43.7	4.0	1.3	161.6	0.37	0.56	0.12	36	1.03	0.080
SHB1050353	Soil	0.98	19.20	8.14	75.2	85	16.7	10.1	802	3.02	9.2	0.6	2.7	1.0	61.2	0.16	0.64	0.10	63	0.68	0.077
REP SHB1050353	QC	1.01	19.58	8.48	76.1	84	16.9	10.5	841	3.08	9.5	0.6	1.2	1.0	62.7	0.17	0.63	0.09	62	0.70	0.078
SHB1050370	Soil	0.57	6.85	7.09	42.5	106	5.5	3.1	117	1.71	3.0	0.2	<0.2	0.3	12.0	0.10	0.22	0.08	42	0.08	0.015
REP SHB1050370	QC	0.53	6.67	7.01	42.1	94	5.4	3.1	111	1.70	3.0	0.2	<0.2	0.4	12.2	0.08	0.24	0.08	42	0.09	0.015
SHB1050383	Soil	0.79	7.32	6.82	135.6	83	9.1	6.8	297	3.75	8.9	0.3	<0.2	0.6	10.8	0.45	0.42	<0.02	70	0.10	0.064
REP SHB1050383	QC	0.85	9.03	8.48	155.4	98	9.9	7.3	318	3.87	9.5	0.3	1.9	0.4	10.8	0.52	0.45	<0.02	72	0.10	0.067
SHB1050393	Soil	0.96	15.86	8.36	128.2	40	11.2	8.1	402	4.10	13.3	0.5	4.7	1.3	16.4	0.57	0.62	0.14	74	0.12	0.096
REP SHB1050393	QC	0.92	15.39	8.53	128.0	42	10.4	7.9	405	4.14	13.6	0.5	2.5	1.3	16.6	0.56	0.62	0.11	76	0.11	0.099
SHB1050414	Soil	0.93	38.18	10.77	92.8	236	15.3	10.9	610	3.63	11.7	0.6	0.7	0.4	45.8	0.40	0.49	0.13	73	0.73	0.036
REP SHB1050414	QC	0.94	38.75	10.37	98.7	239	16.2	10.8	609	3.67	12.2	0.6	<0.2	0.4	44.5	0.40	0.52	0.27	74	0.72	0.034
SHB1050443	Soil	1.44	82.69	12.91	140.7	707	30.9	14.8	1433	4.44	18.6	1.2	1.9	0.7	44.8	0.81	0.82	0.23	70	1.10	0.117
REP SHB1050443	QC	1.46	81.99	12.98	143.1	704	30.1	14.5	1444	4.49	18.1	1.2	1.8	0.7	44.4	0.89	0.78	0.19	72	1.11	0.119
SHB1050460	Soil	1.06	28.05	10.79	123.1	160	21.6	11.5	773	3.97	14.3	0.7	0.4	1.2	40.8	0.25	0.77	0.12	74	0.60	0.114
REP SHB1050460	QC	1.05	29.31	14.08	122.2	163	21.6	11.3	751	3.97	14.5	0.7	0.8	1.3	40.1	0.28	0.72	0.13	72	0.60	0.111
SHB1050467	Soil	1.15	12.93	11.20	67.6	108	10.5	6.0	368	4.25	12.3	0.4	0.5	1.0	35.4	0.06	0.63	0.15	72	0.06	0.056
REP SHB1050467	QC	1.10	13.17	11.09	68.3	112	10.2	5.8	375	4.23	12.1	0.3	0.2	1.0	35.0	0.04	0.62	0.14	74	0.06	0.053
SHB1050484	Soil	0.91	15.80	7.60	82.3	87	15.7	9.3	524	3.13	8.7	0.5	0.3	0.9	40.3	0.18	0.40	0.09	61	0.33	0.039
REP SHB1050484	QC	0.90	16.21	7.27	82.7	86	15.5	8.8	523	3.03	8.4	0.5	0.4	0.9	39.9	0.15	0.41	0.09	60	0.31	0.033

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Project: Hudson Bay Mountain
Report Date: November 03, 2011

QUALITY CONTROL REPORT SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
CHB1051866	Soil	12.7	23.2	0.57	229.4	0.035	5	2.60	0.015	0.09	0.1	7.2	0.10	0.06	100	0.3	0.02	5.3	1.53	<0.1	<0.02
REP CHB1051866	QC	13.4	23.0	0.58	240.6	0.033	6	2.62	0.015	0.09	0.1	7.6	0.10	0.06	129	0.5	<0.02	5.5	1.58	<0.1	0.02
SHB1051870	Soil	4.1	35.6	0.83	272.3	0.142	4	2.97	0.006	0.04	<0.1	5.9	0.03	0.04	99	0.1	<0.02	8.4	1.19	<0.1	0.11
REP SHB1051870	QC	3.8	33.7	0.77	246.6	0.130	4	2.87	0.005	0.04	<0.1	5.7	0.03	0.04	93	0.1	<0.02	7.9	1.06	<0.1	0.12
SHB1051892	Soil	7.6	19.7	0.61	236.1	0.088	3	1.80	0.021	0.06	<0.1	6.6	0.05	<0.02	29	0.1	0.03	5.1	0.92	<0.1	0.05
REP SHB1051892	QC	7.8	20.5	0.63	243.5	0.094	4	1.83	0.022	0.06	<0.1	7.1	0.06	<0.02	41	<0.1	0.04	5.5	0.99	<0.1	0.05
CHB1051956	Soil	7.9	16.0	0.59	102.9	0.080	3	1.24	0.016	0.05	<0.1	5.1	0.05	0.03	27	<0.1	<0.02	4.7	0.96	<0.1	0.09
REP CHB1051956	QC	7.5	15.3	0.57	98.3	0.082	3	1.23	0.015	0.05	<0.1	5.0	0.04	0.03	28	<0.1	<0.02	4.6	0.97	<0.1	0.07
CHB1051979	Soil	12.2	17.0	0.41	423.0	0.008	5	1.27	0.012	0.08	0.1	3.3	0.11	0.07	141	1.1	<0.02	3.5	2.82	<0.1	0.04
REP CHB1051979	QC	12.1	18.3	0.41	414.3	0.011	6	1.28	0.012	0.08	0.1	3.5	0.11	0.07	160	1.1	<0.02	3.7	2.88	<0.1	0.03
SHB1050353	Soil	16.5	20.6	0.47	103.0	0.059	3	1.53	0.016	0.05	<0.1	6.7	0.08	0.02	64	0.4	0.03	4.8	1.03	<0.1	0.05
REP SHB1050353	QC	16.9	20.8	0.47	107.4	0.058	2	1.54	0.016	0.05	<0.1	6.9	0.08	0.02	88	0.3	<0.02	4.8	1.07	<0.1	0.05
SHB1050370	Soil	5.8	11.3	0.17	59.0	0.037	2	0.89	0.008	0.03	<0.1	1.8	0.05	<0.02	29	<0.1	<0.02	4.5	0.83	<0.1	<0.02
REP SHB1050370	QC	5.9	11.0	0.17	60.0	0.036	1	0.89	0.008	0.03	<0.1	1.7	0.04	<0.02	30	<0.1	<0.02	4.7	0.84	<0.1	<0.02
SHB1050383	Soil	3.8	17.7	0.27	94.7	0.046	1	2.20	0.006	0.03	0.1	2.6	0.05	<0.02	58	0.2	<0.02	6.4	0.86	<0.1	0.04
REP SHB1050383	QC	4.0	18.8	0.28	100.6	0.045	1	2.23	0.006	0.03	0.1	2.8	0.05	<0.02	61	0.2	<0.02	6.7	0.88	<0.1	0.06
SHB1050393	Soil	4.0	19.1	0.30	106.1	0.057	2	2.49	0.005	0.03	0.1	3.6	0.06	<0.02	72	0.1	<0.02	6.1	0.99	<0.1	0.12
REP SHB1050393	QC	4.0	18.8	0.32	107.9	0.054	2	2.38	0.005	0.03	0.1	3.6	0.05	<0.02	69	0.2	<0.02	6.1	0.95	<0.1	0.14
SHB1050414	Soil	13.5	23.1	0.43	116.4	0.028	2	2.01	0.011	0.05	<0.1	4.3	0.07	<0.02	32	<0.1	0.02	7.4	1.54	<0.1	<0.02
REP SHB1050414	QC	13.2	25.0	0.46	111.9	0.041	2	2.12	0.013	0.06	0.1	4.6	0.03	<0.02	20	0.1	0.03	7.5	1.71	<0.1	0.02
SHB1050443	Soil	17.0	31.9	0.66	209.7	0.011	3	3.69	0.011	0.09	0.1	6.1	0.18	0.04	97	0.4	0.04	8.3	2.74	<0.1	0.06
REP SHB1050443	QC	17.2	31.4	0.67	213.8	0.012	3	3.79	0.010	0.10	0.2	6.1	0.18	0.04	87	0.4	0.04	8.3	2.88	<0.1	0.06
SHB1050460	Soil	19.0	24.4	0.50	205.3	0.038	3	3.69	0.013	0.06	0.1	7.1	0.09	<0.02	117	0.4	0.03	8.0	1.83	<0.1	0.03
REP SHB1050460	QC	20.0	24.6	0.51	207.9	0.028	2	3.46	0.016	0.06	0.3	6.8	0.09	<0.02	102	0.2	0.04	7.7	1.70	<0.1	0.03
SHB1050467	Soil	4.5	15.9	0.27	104.4	0.022	1	2.75	0.004	0.04	<0.1	3.4	0.04	<0.02	56	0.3	0.03	6.6	1.15	<0.1	0.09
REP SHB1050467	QC	4.7	15.7	0.28	100.3	0.022	1	2.70	0.004	0.04	<0.1	3.5	0.04	<0.02	58	0.2	0.02	6.7	1.15	<0.1	0.07
SHB1050484	Soil	13.7	18.5	0.39	166.1	0.020	<1	2.39	0.016	0.05	<0.1	4.7	0.05	0.02	28	0.3	<0.02	5.6	1.19	<0.1	0.02
REP SHB1050484	QC	13.3	18.4	0.38	160.6	0.023	1	2.31	0.014	0.05	<0.1	4.6	0.05	0.02	24	0.2	<0.02	5.5	1.20	<0.1	<0.02

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Report Date: November 03, 2011

QUALITY CONTROL REPORT SMI11000289.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
CHB1051866	Soil	0.47	8.1	0.4	<0.05	0.4	18.64	16.1	0.05	<1	0.5	18.1	<10	<2
REP CHB1051866	QC	0.47	8.3	0.4	<0.05	0.6	20.08	17.2	0.04	<1	0.5	18.3	<10	<2
SHB1051870	Soil	1.06	3.9	0.4	<0.05	5.2	5.56	8.7	0.06	<1	0.3	25.0	<10	<2
REP SHB1051870	QC	1.02	3.6	0.4	<0.05	5.2	5.30	8.4	0.04	<1	0.4	23.0	<10	<2
SHB1051892	Soil	0.42	5.2	0.4	<0.05	1.6	10.18	15.6	0.03	<1	0.4	12.1	<10	<2
REP SHB1051892	QC	0.43	5.3	0.4	<0.05	1.6	10.49	16.7	0.03	<1	0.4	12.4	<10	<2
CHB1051956	Soil	0.15	2.8	0.3	<0.05	3.2	9.58	16.1	0.04	1	0.3	12.5	<10	<2
REP CHB1051956	QC	0.15	2.9	0.3	<0.05	3.1	9.41	15.8	0.03	1	0.4	12.3	<10	<2
CHB1051979	Soil	0.29	12.3	0.3	<0.05	0.9	15.09	17.9	0.03	1	0.8	16.6	<10	<2
REP CHB1051979	QC	0.36	12.9	0.3	<0.05	0.9	14.88	17.7	0.03	<1	0.6	16.8	<10	<2
SHB1050353	Soil	0.30	4.3	0.4	<0.05	1.5	20.47	22.6	0.03	2	0.5	17.9	<10	<2
REP SHB1050353	QC	0.32	4.4	0.4	<0.05	1.4	20.74	22.6	0.04	<1	0.4	17.7	<10	<2
SHB1050370	Soil	1.09	5.2	0.4	<0.05	0.5	2.53	10.2	<0.02	<1	0.1	5.2	<10	<2
REP SHB1050370	QC	0.98	5.4	0.4	<0.05	0.6	2.58	10.5	<0.02	<1	<0.1	5.3	<10	<2
SHB1050383	Soil	1.92	5.1	0.6	<0.05	2.4	1.88	7.6	0.03	<1	0.3	16.8	<10	<2
REP SHB1050383	QC	1.94	5.6	0.6	<0.05	2.2	2.02	7.8	0.04	1	0.3	18.1	<10	<2
SHB1050393	Soil	0.99	6.8	0.5	<0.05	4.4	2.40	8.1	0.06	<1	0.3	16.5	<10	<2
REP SHB1050393	QC	0.97	6.7	0.4	<0.05	4.6	2.38	8.2	0.05	<1	0.3	17.5	<10	<2
SHB1050414	Soil	0.99	7.5	0.6	<0.05	0.8	11.64	14.2	0.05	<1	0.5	14.0	<10	<2
REP SHB1050414	QC	0.93	7.7	0.7	<0.05	0.5	11.25	14.1	0.04	<1	0.5	13.6	<10	<2
SHB1050443	Soil	1.10	11.7	0.7	<0.05	1.6	14.65	18.8	0.09	<1	1.3	29.0	<10	<2
REP SHB1050443	QC	1.12	12.0	0.7	<0.05	1.5	14.88	19.5	0.08	<1	1.2	30.3	<10	<2
SHB1050460	Soil	0.91	8.0	0.7	<0.05	1.1	19.65	37.2	0.06	<1	0.9	56.0	<10	<2
REP SHB1050460	QC	0.85	7.2	0.7	<0.05	1.5	20.14	38.7	0.07	1	1.0	53.5	<10	<2
SHB1050467	Soil	0.97	4.6	0.6	<0.05	3.6	2.40	9.5	0.05	<1	0.4	16.5	<10	<2
REP SHB1050467	QC	0.96	4.7	0.6	<0.05	3.7	2.43	9.8	0.04	<1	0.3	16.7	<10	<2
SHB1050484	Soil	0.59	6.2	0.4	<0.05	0.9	13.41	21.4	0.04	<1	0.5	16.9	<10	<2
REP SHB1050484	QC	0.55	6.3	0.4	<0.05	0.8	12.99	19.8	0.04	<1	0.4	17.0	<10	<2

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QUALITY CONTROL REPORT SMI11000289.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050070	Soil	1.26	9.68	12.29	193.6	63	5.3	9.1	549	3.36	21.4	0.3	16.2	0.2	11.7	0.37	1.04	0.16	58	0.24	0.031
REP SHB1050070	QC	1.19	9.39	12.07	188.0	44	4.9	8.6	532	3.24	20.8	0.2	15.9	0.2	11.4	0.37	1.01	0.15	57	0.24	0.029
Reference Materials																					
STD DS8	Standard	12.69	107.7	119.4	313.4	1711	36.0	7.3	598	2.35	25.8	2.6	104.1	5.9	62.9	2.33	5.49	6.00	40	0.68	0.083
STD DS8	Standard	13.67	115.3	126.1	327.5	1834	39.3	7.7	623	2.59	25.3	3.0	105.4	7.1	66.4	2.47	5.65	6.68	42	0.73	0.083
STD DS8	Standard	13.30	107.8	129.9	337.1	1697	37.6	7.7	638	2.56	25.3	2.8	114.4	7.1	67.8	2.30	5.63	6.52	44	0.74	0.086
STD DS8	Standard	12.24	113.4	126.0	313.5	1723	36.8	7.2	608	2.49	24.1	2.7	117.7	6.5	65.6	2.27	5.65	6.19	41	0.70	0.088
STD DS8	Standard	11.86	98.39	115.1	291.5	1726	34.4	6.7	577	2.24	22.9	2.5	113.2	6.0	55.9	2.12	4.99	5.90	39	0.66	0.073
STD DS8	Standard	13.43	103.1	115.4	285.0	1685	36.0	7.3	579	2.31	22.1	2.6	110.3	7.8	58.3	2.16	4.86	5.77	39	0.67	0.075
STD DS8	Standard	13.18	106.0	122.9	309.0	1777	37.8	7.5	626	2.43	23.6	2.6	113.9	6.8	60.2	2.17	4.80	5.77	40	0.70	0.076
STD DS8	Standard	12.38	114.1	125.1	302.6	1753	35.8	7.4	588	2.38	24.9	2.9	107.7	7.1	61.5	2.36	5.12	6.76	39	0.71	0.076
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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

Project: Hudson Bay Mountain
Report Date: November 03, 2011

QUALITY CONTROL REPORT SMI11000289.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050070	Soil	4.7	11.6	0.37	70.3	0.014	1	1.40	0.005	0.05	<0.1	3.3	0.07	<0.02	20	<0.1	0.05	5.2	1.52	<0.1	<0.02
REP SHB1050070	QC	4.7	11.3	0.36	66.4	0.016	2	1.36	0.005	0.05	<0.1	3.3	0.06	<0.02	23	<0.1	0.02	5.2	1.52	<0.1	<0.02
Reference Materials																					
STD DS8	Standard	13.6	109.8	0.59	249.2	0.110	2	0.98	0.106	0.43	2.9	2.0	5.01	0.17	158	5.0	4.63	4.6	2.34	<0.1	0.08
STD DS8	Standard	15.3	124.5	0.64	278.0	0.118	2	0.96	0.093	0.42	2.9	2.1	5.50	0.17	207	5.1	5.11	4.7	2.48	0.1	0.08
STD DS8	Standard	16.6	125.7	0.63	294.2	0.112	3	0.95	0.092	0.43	3.0	2.3	5.63	0.17	226	5.4	5.13	5.0	2.51	<0.1	0.09
STD DS8	Standard	14.5	116.3	0.62	263.0	0.116	3	0.96	0.092	0.43	2.8	2.2	5.40	0.16	201	5.3	4.95	4.6	2.41	0.1	0.07
STD DS8	Standard	12.7	111.2	0.57	254.5	0.096	3	0.86	0.081	0.39	2.8	2.1	5.35	0.15	197	4.5	4.94	4.3	2.33	<0.1	0.09
STD DS8	Standard	15.0	117.5	0.58	252.3	0.107	3	0.91	0.089	0.40	2.9	2.3	5.29	0.15	187	4.8	4.75	4.7	2.37	0.1	0.07
STD DS8	Standard	15.2	121.8	0.60	258.5	0.109	3	0.95	0.105	0.43	3.0	2.4	5.58	0.16	223	4.8	5.14	4.8	2.42	0.1	0.09
STD DS8	Standard	14.5	119.5	0.59	239.8	0.106	3	0.98	0.111	0.44	2.7	2.3	5.32	0.16	173	4.7	4.47	4.5	2.31	<0.1	0.09
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	0.3	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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

Project: Hudson Bay Mountain
Report Date: November 03, 2011

QUALITY CONTROL REPORT SMI11000289.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050070	Soil	0.40	8.8	0.5	<0.05	0.7	3.30	10.9	0.06	<1	0.2	14.9	<10	<2
REP SHB1050070	QC	0.42	8.4	0.5	<0.05	0.6	3.31	10.9	0.05	1	0.2	15.0	<10	<2
Reference Materials														
STD DS8	Standard	1.13	37.2	6.8	<0.05	1.7	5.41	25.0	2.26	57	4.1	24.8	93	315
STD DS8	Standard	1.39	38.5	6.8	<0.05	1.8	6.00	27.8	2.28	55	5.0	27.2	110	364
STD DS8	Standard	1.42	39.0	6.8	<0.05	2.0	6.36	29.7	2.22	59	5.7	30.2	126	365
STD DS8	Standard	1.34	37.3	6.7	<0.05	1.8	5.70	25.1	2.32	56	5.5	29.8	116	320
STD DS8	Standard	1.24	35.8	5.9	<0.05	1.7	5.45	24.6	1.99	53	4.7	25.2	114	350
STD DS8	Standard	1.37	37.3	6.0	<0.05	1.7	6.00	28.5	2.04	48	5.2	25.3	127	328
STD DS8	Standard	1.40	39.5	6.4	<0.05	2.0	5.96	28.9	2.22	59	5.2	26.4	119	356
STD DS8	Standard	1.14	38.4	6.5	<0.05	1.8	5.56	24.8	2.26	47	4.2	27.0	102	338
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	2	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Email Distribution List
Receiving Lab: Canada-Smithers
Received: August 16, 2011
Report Date: November 05, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS SMI11000292.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mountain
Shipment ID: HBM 4
P.O. Number
Number of Samples: 233

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	232	Dry at 60C			SMI
SS80	227	Dry at 60C sieve 100g to -80 mesh			SMI
1F05	216	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	227	Saving all or part of Soil Reject			SMI

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050179	Soil	1.61	39.01	26.59	141.0	411	11.5	10.9	962	3.38	32.0	0.5	4.8	1.2	26.0	0.66	1.03	0.35	58	0.98	0.059
SHB1050180	Soil	1.83	33.30	23.61	127.0	261	11.9	10.4	921	3.07	28.4	0.4	3.5	0.8	21.3	0.79	0.91	0.25	52	0.76	0.050
SHB1050181	Soil	1.79	39.00	22.87	173.3	384	11.4	10.4	819	3.53	40.7	0.4	2.1	1.2	23.4	0.67	0.97	0.29	59	0.54	0.036
SHB1050182	Rock Pulp	21.07	4864	5898	>10000	62499	41.9	17.4	403	8.62	460.0	1.2	445.8	2.1	31.5	204.4	76.71	22.80	35	1.09	0.040
SHB1050183	Soil	0.22	3.56	7.56	24.9	84	3.0	0.6	79	0.13	3.0	2.1	6.9	0.5	270.1	0.28	1.97	0.46	11	18.81	0.012
SHB1050184	Soil	1.69	9.02	13.75	99.3	133	5.0	4.4	186	3.42	20.9	0.2	3.8	0.7	9.1	0.32	0.59	0.24	69	0.16	0.058
SHB1050185	Soil	1.44	6.39	11.02	68.4	237	3.8	3.0	148	2.78	16.7	0.1	2.8	0.5	8.3	0.26	0.58	0.19	64	0.14	0.043
SHB1050186	Soil	1.39	8.15	16.86	200.0	401	5.5	6.2	279	3.95	23.1	0.2	1.8	1.0	5.3	0.51	0.74	0.26	63	0.07	0.167
SHB1050187	Soil	2.02	15.66	12.67	111.1	176	7.6	7.6	490	3.46	42.3	0.2	1.6	0.7	6.7	0.53	0.75	0.16	56	0.10	0.033
SHB1050188	Soil	1.12	9.50	11.46	150.6	171	7.6	7.6	292	2.90	18.0	0.2	2.4	0.7	5.5	0.26	0.40	0.14	54	0.10	0.062
SHB1050189	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050190	Soil	1.16	9.28	15.31	100.7	231	4.5	5.1	181	2.53	14.5	0.1	1.1	0.5	9.4	0.47	0.46	0.16	59	0.15	0.026
SHB1050191	Soil	2.48	11.13	8.11	86.0	258	6.2	4.4	209	3.23	23.5	0.1	0.7	0.5	7.3	0.35	0.78	0.14	81	0.08	0.033
SHB1050192	Soil	2.43	8.19	10.49	111.6	164	4.0	4.3	250	3.91	25.5	0.1	2.9	0.7	4.8	0.26	1.00	0.21	80	0.05	0.057
SHB1050193	Soil	0.96	23.00	14.14	127.5	424	10.5	8.2	683	3.21	21.1	0.4	2.3	1.2	19.8	0.53	0.84	0.19	53	0.34	0.020
SHB1050194	Soil	0.91	11.92	12.98	107.3	203	8.2	8.4	450	2.93	15.7	0.3	1.7	0.7	21.5	0.32	0.65	0.15	56	0.39	0.019
SHB1050195	Soil	1.95	85.93	34.87	208.7	918	14.9	14.2	1566	4.21	50.5	1.0	2.2	1.6	42.8	1.37	1.05	0.44	64	1.00	0.029
SHB1050196	Soil	6.11	44.46	22.58	92.1	352	9.9	10.9	1888	6.11	117.8	1.8	1.7	0.8	38.4	1.28	1.31	0.31	73	0.87	0.046
SHB1050197	Soil	2.01	25.81	17.63	108.7	522	10.7	10.6	1053	3.36	35.3	0.7	2.3	0.9	40.6	0.73	0.77	0.23	53	0.92	0.039
SHB1050198	Soil	1.68	44.29	15.27	119.4	843	11.1	8.3	1039	3.41	33.6	0.5	2.0	0.7	43.9	0.52	0.81	0.30	52	0.94	0.044
SHB1050199	Soil	1.47	30.52	18.44	163.8	359	9.9	7.8	822	3.60	35.9	0.4	2.9	1.1	24.0	0.38	0.87	0.26	62	0.40	0.030
SHB1050200	Soil	1.19	24.82	15.23	126.9	504	7.7	7.5	503	2.83	26.3	0.3	1.3	0.7	16.6	0.40	0.79	0.15	53	0.32	0.022
SHB1050201	Soil	1.97	101.2	27.25	137.2	1311	15.2	10.5	838	3.80	45.9	0.8	3.9	1.1	35.5	1.04	1.06	0.31	61	0.79	0.049
SHB1050202	Soil	1.62	41.85	20.94	171.9	668	11.4	10.2	1044	3.18	33.5	0.3	1.2	0.7	32.4	1.29	0.83	0.21	52	0.66	0.048
SHB1050203	Soil	1.94	51.92	13.22	106.4	394	10.5	8.8	1583	2.94	23.2	0.5	1.7	0.6	31.1	1.05	0.70	0.19	53	0.55	0.042
SHB1050204	Soil	0.72	6.63	6.59	53.3	57	5.1	4.6	287	2.54	7.0	0.2	0.2	0.6	14.4	0.16	0.50	0.07	54	0.16	0.017
SHB1050205	Soil	0.75	12.70	12.09	75.8	192	7.5	6.5	438	2.69	6.8	0.3	1.7	1.0	17.4	0.11	0.72	0.15	46	0.28	0.037
SHB1050206	Soil	1.97	74.46	25.41	165.6	909	12.1	10.8	874	4.13	35.7	0.8	2.0	1.1	32.4	1.47	1.26	0.39	73	0.75	0.047
SHB1050207	Soil	1.93	20.51	17.61	155.2	371	8.1	9.5	1179	3.07	25.1	0.3	0.6	0.7	19.8	0.63	0.71	0.21	55	0.41	0.027
SHB1050208	Soil	2.60	7.89	11.49	184.5	274	4.4	5.5	395	4.26	23.8	0.2	0.3	0.4	5.7	0.58	0.57	0.33	72	0.09	0.099

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050179	Soil	10.9	15.5	0.55	152.8	0.012	2	1.77	0.010	0.07	<0.1	6.3	0.08	0.03	62	1.1	<0.02	5.2	1.13	<0.1	0.04
SHB1050180	Soil	9.1	17.2	0.46	119.4	0.012	2	1.57	0.009	0.06	<0.1	5.1	0.08	0.04	57	0.8	0.03	4.4	1.05	<0.1	<0.02
SHB1050181	Soil	12.4	18.8	0.51	186.3	0.012	1	2.09	0.010	0.09	<0.1	7.6	0.08	<0.02	73	0.4	0.04	5.8	1.34	<0.1	0.05
SHB1050182	Rock Pulp	5.3	21.9	0.65	10.3	0.053	4	0.79	0.046	0.08	0.5	2.4	12.47	7.97	7879	73.9	0.25	5.5	0.28	0.2	0.14
SHB1050183	Soil	0.9	2.5	8.19	22.5	0.002	5	0.08	0.207	0.02	0.2	0.5	<0.02	0.39	55	0.5	<0.02	0.3	0.05	<0.1	0.04
SHB1050184	Soil	5.2	9.9	0.20	67.5	0.012	<1	1.31	0.005	0.04	0.1	2.5	0.08	<0.02	63	0.1	<0.02	6.3	0.64	<0.1	<0.02
SHB1050185	Soil	4.9	7.9	0.16	47.9	0.012	<1	0.91	0.005	0.04	<0.1	1.9	0.06	<0.02	49	<0.1	<0.02	5.2	0.43	<0.1	<0.02
SHB1050186	Soil	5.5	11.8	0.27	73.9	0.012	<1	2.71	0.004	0.05	0.1	3.1	0.08	<0.02	80	0.1	0.03	7.7	1.26	<0.1	0.03
SHB1050187	Soil	5.1	11.2	0.41	56.4	0.022	1	1.48	0.004	0.05	<0.1	3.0	0.06	<0.02	42	0.2	0.03	4.8	0.95	<0.1	0.02
SHB1050188	Soil	5.7	11.7	0.42	75.4	0.021	2	1.73	0.005	0.04	<0.1	2.7	0.06	<0.02	47	<0.1	<0.02	5.2	0.90	<0.1	<0.02
SHB1050189	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050190	Soil	4.7	8.8	0.21	54.1	0.015	1	1.13	0.007	0.04	<0.1	2.3	0.05	<0.02	26	0.1	<0.02	4.7	1.16	<0.1	<0.02
SHB1050191	Soil	4.8	12.0	0.23	39.0	0.017	1	1.08	0.005	0.04	0.1	2.4	0.04	<0.02	35	0.1	<0.02	5.6	0.71	<0.1	<0.02
SHB1050192	Soil	4.5	9.2	0.26	45.8	0.047	<1	1.41	0.004	0.04	0.1	3.0	0.07	<0.02	42	<0.1	0.03	8.4	1.05	<0.1	<0.02
SHB1050193	Soil	9.5	13.9	0.41	111.3	0.015	<1	1.90	0.007	0.06	<0.1	7.2	0.10	<0.02	34	0.1	<0.02	4.6	1.37	<0.1	0.04
SHB1050194	Soil	6.8	13.4	0.55	98.2	0.032	1	1.69	0.013	0.06	<0.1	4.5	0.07	<0.02	19	0.2	<0.02	5.3	1.26	<0.1	<0.02
SHB1050195	Soil	20.6	26.4	0.62	268.0	0.008	1	3.08	0.013	0.14	<0.1	13.5	0.14	0.02	97	0.6	0.03	8.6	2.09	<0.1	0.13
SHB1050196	Soil	11.2	18.2	0.46	178.1	0.014	1	1.92	0.010	0.06	<0.1	7.9	0.10	0.03	78	1.1	0.03	6.1	1.14	<0.1	0.10
SHB1050197	Soil	8.0	18.3	0.49	169.4	0.015	1	1.83	0.014	0.07	<0.1	6.9	0.08	0.03	52	0.5	<0.02	6.1	1.13	<0.1	0.07
SHB1050198	Soil	16.2	16.2	0.47	198.8	0.012	<1	2.21	0.013	0.08	<0.1	7.1	0.08	0.04	81	0.8	0.02	6.4	1.52	<0.1	0.05
SHB1050199	Soil	10.6	16.1	0.48	151.4	0.019	1	2.26	0.012	0.08	<0.1	7.2	0.12	<0.02	38	0.3	0.04	5.9	1.39	<0.1	0.05
SHB1050200	Soil	12.5	11.7	0.41	97.5	0.014	<1	1.44	0.007	0.05	<0.1	4.3	0.06	<0.02	34	0.2	<0.02	4.3	1.00	<0.1	0.02
SHB1050201	Soil	21.8	19.0	0.61	208.7	0.009	<1	2.40	0.009	0.10	0.1	10.5	0.07	0.03	94	0.6	0.04	6.8	1.24	<0.1	0.12
SHB1050202	Soil	11.4	15.5	0.46	159.9	0.011	<1	1.81	0.008	0.08	0.1	6.2	0.06	0.03	40	0.3	<0.02	5.2	0.98	<0.1	0.05
SHB1050203	Soil	15.0	18.1	0.34	169.8	0.025	1	1.57	0.012	0.06	<0.1	6.4	0.06	0.02	47	0.5	<0.02	4.5	1.11	<0.1	<0.02
SHB1050204	Soil	3.9	8.1	0.22	73.7	0.045	1	0.85	0.007	0.04	<0.1	2.5	0.03	<0.02	10	0.1	<0.02	3.6	0.47	<0.1	<0.02
SHB1050205	Soil	7.2	12.2	0.49	79.7	0.040	<1	1.37	0.015	0.05	<0.1	4.1	0.05	<0.02	18	0.2	0.02	4.0	0.80	<0.1	0.03
SHB1050206	Soil	11.0	18.6	0.61	204.9	0.018	<1	2.41	0.014	0.10	<0.1	8.7	0.11	0.02	66	0.8	0.05	7.7	1.49	<0.1	0.08
SHB1050207	Soil	9.7	13.5	0.39	126.2	0.013	<1	1.85	0.009	0.06	<0.1	4.5	0.09	<0.02	31	0.3	<0.02	5.6	1.48	<0.1	<0.02
SHB1050208	Soil	4.0	12.7	0.20	78.5	0.017	<1	2.14	0.003	0.05	0.2	2.9	0.07	0.02	60	0.2	0.06	8.9	1.13	<0.1	<0.02

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050179	Soil	0.38	6.1	0.5	<0.05	0.9	18.05	20.2	0.09	4	0.5	18.1	<10	<2
SHB1050180	Soil	0.38	6.2	0.4	<0.05	0.7	14.56	18.6	0.06	3	0.4	15.2	<10	<2
SHB1050181	Soil	0.79	9.1	0.5	<0.05	1.4	19.84	26.6	0.06	<1	0.6	16.3	<10	<2
SHB1050182	Rock Pulp	0.36	3.1	41.0	<0.05	4.8	5.47	11.6	2.63	15	0.2	6.1	<10	<2
SHB1050183	Soil	0.13	0.6	1.0	<0.05	1.2	1.14	1.6	<0.02	<1	<0.1	1.1	<10	<2
SHB1050184	Soil	1.38	6.1	0.7	<0.05	0.4	2.11	11.2	0.04	1	0.3	14.3	<10	<2
SHB1050185	Soil	1.12	4.5	0.6	<0.05	0.2	1.57	10.2	<0.02	1	0.2	6.3	<10	<2
SHB1050186	Soil	2.08	6.7	0.7	<0.05	1.7	2.37	11.4	0.06	<1	0.4	19.0	<10	<2
SHB1050187	Soil	0.74	7.0	0.3	<0.05	1.2	2.50	13.1	0.03	<1	0.3	11.4	<10	<2
SHB1050188	Soil	0.66	6.5	0.4	<0.05	0.7	2.59	12.5	0.04	3	0.2	13.2	<10	<2
SHB1050189	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050190	Soil	0.53	6.3	0.4	<0.05	0.2	2.23	10.7	0.02	<1	0.1	11.7	<10	<2
SHB1050191	Soil	0.58	5.1	0.4	<0.05	0.4	1.94	9.9	0.03	1	0.1	11.2	<10	<2
SHB1050192	Soil	1.14	5.7	0.6	<0.05	1.0	2.13	9.3	0.03	<1	0.2	13.4	<10	<2
SHB1050193	Soil	0.59	8.8	0.4	<0.05	1.8	12.80	26.0	0.06	<1	0.5	14.0	<10	<2
SHB1050194	Soil	0.45	7.4	0.4	<0.05	1.3	6.76	15.3	0.05	2	0.3	18.4	<10	<2
SHB1050195	Soil	0.93	14.8	0.6	<0.05	4.1	40.40	32.9	0.09	<1	0.9	26.8	<10	<2
SHB1050196	Soil	1.29	6.7	0.5	<0.05	3.4	18.06	20.6	0.07	2	0.6	19.9	<10	<2
SHB1050197	Soil	0.96	7.5	0.4	<0.05	2.4	12.72	18.1	0.07	<1	0.5	18.4	<10	<2
SHB1050198	Soil	0.88	8.8	0.4	<0.05	2.2	28.50	17.5	0.07	4	0.6	20.8	<10	<2
SHB1050199	Soil	0.97	10.7	0.5	<0.05	2.0	13.07	22.7	0.07	2	0.5	15.3	<10	<2
SHB1050200	Soil	0.44	6.8	0.3	<0.05	1.2	13.91	15.4	0.04	<1	0.4	12.5	<10	<2
SHB1050201	Soil	0.96	8.3	0.4	<0.05	3.7	50.68	25.8	0.07	<1	0.8	17.0	<10	<2
SHB1050202	Soil	1.01	8.3	0.4	<0.05	1.4	19.58	26.4	0.05	2	0.5	13.9	<10	<2
SHB1050203	Soil	0.52	6.0	0.3	<0.05	0.7	21.64	36.9	0.05	<1	0.6	11.3	<10	<2
SHB1050204	Soil	0.47	5.4	0.3	<0.05	1.0	2.90	9.0	0.02	<1	0.2	6.0	<10	<2
SHB1050205	Soil	0.31	4.5	0.3	<0.05	1.8	7.22	15.7	0.03	<1	0.2	14.0	<10	<2
SHB1050206	Soil	1.91	10.7	0.6	<0.05	2.9	18.62	28.5	0.09	1	0.7	21.7	<10	<2
SHB1050207	Soil	0.87	9.0	0.3	<0.05	0.9	12.50	15.9	0.05	<1	0.4	18.4	<10	<2
SHB1050208	Soil	2.20	6.5	0.7	<0.05	0.9	2.20	8.9	0.06	<1	0.4	24.9	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050209	Soil	0.97	8.07	6.38	84.5	45	5.6	5.1	287	2.49	7.3	0.2	1.1	0.6	10.3	0.12	0.35	0.11	46	0.10	0.015
SHB1050210	Soil	2.83	51.56	20.15	142.1	1053	17.1	11.5	2395	3.94	29.0	1.5	2.4	1.2	60.3	1.26	1.00	0.31	55	1.82	0.074
SHB1050211	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050212	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050213	Soil	2.10	23.07	12.01	61.5	483	11.1	7.7	927	3.38	20.7	1.5	1.5	1.0	33.3	0.36	0.63	0.20	56	0.61	0.023
SHB1050214	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050215	Soil	2.63	13.82	15.55	79.1	206	7.5	7.6	1358	2.79	24.9	0.3	1.9	0.5	18.2	0.34	0.81	0.21	43	0.41	0.014
SHB1050216	Soil	2.12	14.01	15.55	77.8	161	8.0	8.2	926	2.69	21.5	0.3	1.3	0.5	18.1	0.21	0.83	0.18	44	0.34	0.014
SHB1050217	Rock Pulp	21.11	4920	5809	>10000	62973	41.6	17.2	400	8.79	441.0	1.2	444.0	1.1	28.6	189.5	44.38	21.66	32	1.02	0.039
SHB1050218	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050219	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050220	Soil	1.37	11.75	11.58	63.5	389	6.9	6.4	263	2.84	20.4	0.2	4.1	0.7	13.3	0.25	0.87	0.31	46	0.21	0.016
SHB1050221	Soil	2.79	26.60	18.56	150.6	522	9.7	9.8	792	3.69	39.6	0.7	2.5	0.6	26.7	0.61	0.98	0.30	65	0.66	0.042
SHB1050222	Soil	0.88	14.67	10.43	68.5	94	8.0	7.6	544	2.79	13.7	0.3	2.4	0.6	29.7	0.16	0.83	0.14	49	0.43	0.021
SHB1050223	Soil	2.65	36.71	13.92	106.8	684	10.6	8.1	2019	3.21	27.9	1.6	1.6	0.3	35.0	1.07	1.13	0.21	50	0.88	0.067
SHB1050224	Soil	0.61	15.36	8.94	97.9	94	13.4	9.1	518	3.31	10.6	0.4	1.3	0.3	33.8	0.19	0.50	0.12	72	0.31	0.047
SHB1050225	Soil	1.08	17.82	11.93	77.6	283	10.6	6.2	513	3.94	12.6	0.4	1.5	<0.1	34.9	0.21	0.68	0.17	89	0.56	0.057
SHB1050226	Soil	0.86	16.86	10.88	87.9	149	11.6	6.0	302	3.21	11.5	0.4	1.2	0.2	35.4	0.23	0.61	0.12	66	0.48	0.056
SHB1050227	Soil	1.00	28.44	13.89	120.3	150	17.1	11.3	1234	3.53	13.3	0.6	1.2	0.4	43.1	0.39	0.74	0.14	72	0.60	0.067
SHB1050228	Soil	1.25	38.81	13.13	145.6	232	24.2	13.5	1931	3.83	11.8	0.9	0.8	0.6	60.1	0.60	0.79	0.12	71	0.75	0.103
SHB1050229	Soil	1.07	15.95	9.58	70.8	149	9.1	5.6	460	4.56	13.2	0.4	0.8	0.7	12.9	0.23	0.72	0.12	72	0.09	0.118
SHB1050230	Soil	0.87	13.87	9.14	63.9	77	11.4	5.7	315	4.05	12.1	0.4	2.0	0.7	13.1	0.35	0.69	0.10	63	0.10	0.100
SHB1050231	Soil	1.75	12.06	9.34	60.0	136	6.8	5.4	1010	2.96	9.0	0.3	1.5	0.2	17.2	0.14	0.60	0.18	77	0.10	0.057
SHB1050232	Soil	1.01	17.84	9.54	82.0	176	15.0	12.4	505	3.56	12.6	0.4	2.5	0.3	31.6	0.27	0.71	0.08	62	0.41	0.069
SHB1050233	Soil	1.37	17.34	11.86	136.4	140	12.4	10.0	2474	3.12	9.5	0.4	0.8	0.2	37.7	0.40	0.74	0.12	59	0.85	0.074
SHB1050234	Soil	3.15	23.14	13.68	79.4	171	8.0	4.6	372	3.81	9.2	0.5	1.2	0.8	20.7	0.17	0.51	0.19	65	0.21	0.088
SHB1050235	Soil	1.18	15.76	11.37	71.5	66	14.2	6.5	323	5.13	16.1	0.3	0.8	0.7	14.4	0.24	0.67	0.13	90	0.07	0.112
SHB1050236	Soil	0.92	19.92	11.40	82.4	53	15.1	8.4	406	4.09	13.5	0.4	0.9	1.0	19.1	0.20	0.80	0.10	63	0.11	0.075
SHB1050237	Soil	1.20	19.51	8.18	93.8	130	15.1	9.3	646	2.99	7.5	0.5	0.7	0.6	36.7	0.33	0.53	0.10	60	0.63	0.037
SHB1050238	Soil	1.41	14.80	8.21	72.8	180	9.5	6.4	1068	4.24	9.3	0.4	0.7	0.9	27.6	0.27	0.56	0.11	54	0.13	0.109

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050209	Soil	4.2	10.5	0.22	74.9	0.021	<1	1.25	0.008	0.03	<0.1	2.3	0.05	<0.02	12	0.1	0.02	3.8	0.61	<0.1	<0.02
SHB1050210	Soil	19.1	29.1	0.46	275.5	0.010	2	3.78	0.024	0.13	<0.1	11.8	0.17	0.08	104	2.5	0.03	8.2	2.42	<0.1	0.11
SHB1050211	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050212	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050213	Soil	11.5	17.9	0.38	143.5	0.008	<1	1.87	0.014	0.04	<0.1	6.6	0.08	<0.02	67	0.9	0.04	5.4	1.03	<0.1	0.04
SHB1050214	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050215	Soil	5.1	11.7	0.37	127.3	0.021	1	1.20	0.011	0.05	<0.1	3.1	0.04	<0.02	45	0.3	<0.02	3.9	0.55	<0.1	0.04
SHB1050216	Soil	5.4	12.5	0.38	116.7	0.025	1	1.18	0.013	0.05	<0.1	3.5	0.05	<0.02	29	0.3	<0.02	3.7	0.59	<0.1	0.03
SHB1050217	Rock Pulp	4.8	22.3	0.64	12.8	0.047	5	0.78	0.051	0.08	0.5	2.4	11.63	8.39	4069	70.6	0.26	5.2	0.27	0.2	0.16
SHB1050218	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050219	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050220	Soil	3.9	11.5	0.28	81.9	0.011	<1	1.43	0.007	0.02	<0.1	2.6	0.07	<0.02	35	<0.1	0.05	4.1	0.67	<0.1	0.03
SHB1050221	Soil	9.5	16.9	0.43	149.4	0.013	1	2.37	0.012	0.05	0.1	5.3	0.12	0.03	94	0.8	0.03	7.3	1.76	<0.1	0.04
SHB1050222	Soil	8.6	13.4	0.31	99.2	0.035	1	1.13	0.014	0.05	<0.1	4.0	0.05	<0.02	49	0.2	<0.02	3.5	0.61	<0.1	<0.02
SHB1050223	Soil	8.7	18.4	0.36	176.4	0.013	1	1.49	0.012	0.05	<0.1	5.0	0.07	0.04	103	1.1	0.03	4.4	0.83	<0.1	0.03
SHB1050224	Soil	5.2	20.5	0.43	229.6	0.018	3	1.89	0.010	0.04	<0.1	3.2	0.06	<0.02	43	0.2	<0.02	5.8	0.84	<0.1	<0.02
SHB1050225	Soil	6.1	20.3	0.29	174.4	0.020	2	1.70	0.007	0.05	0.1	2.0	0.07	<0.02	43	0.2	<0.02	8.7	1.10	<0.1	<0.02
SHB1050226	Soil	7.4	17.5	0.33	149.6	0.016	2	1.78	0.009	0.04	0.1	2.7	0.06	<0.02	56	0.1	<0.02	7.1	1.09	<0.1	<0.02
SHB1050227	Soil	20.7	24.5	0.54	142.1	0.015	2	2.38	0.009	0.06	<0.1	5.2	0.11	<0.02	56	0.2	<0.02	7.4	2.34	<0.1	<0.02
SHB1050228	Soil	51.3	31.0	0.65	206.8	0.013	2	3.15	0.011	0.07	0.1	7.6	0.11	<0.02	63	0.3	0.02	7.8	2.62	<0.1	0.05
SHB1050229	Soil	4.8	21.2	0.26	94.8	0.031	1	2.71	0.005	0.03	0.2	3.1	0.06	0.03	108	0.3	0.03	6.3	1.12	<0.1	0.05
SHB1050230	Soil	4.2	22.1	0.31	105.0	0.030	2	3.13	0.004	0.03	0.1	3.4	0.06	0.03	112	0.4	<0.02	5.2	1.05	<0.1	0.06
SHB1050231	Soil	5.5	14.0	0.17	130.1	0.028	1	1.44	0.005	0.04	0.1	2.2	0.09	<0.02	53	0.2	0.02	7.9	1.29	<0.1	<0.02
SHB1050232	Soil	5.2	20.5	0.43	148.4	0.031	3	2.52	0.009	0.04	0.1	3.6	0.06	0.02	57	0.3	0.02	5.4	1.27	<0.1	<0.02
SHB1050233	Soil	8.6	17.4	0.36	138.8	0.027	2	1.63	0.011	0.04	<0.1	2.9	0.09	0.02	60	0.4	<0.02	5.5	1.70	<0.1	<0.02
SHB1050234	Soil	6.9	14.7	0.22	108.2	0.020	1	2.02	0.008	0.05	0.3	3.3	0.07	0.03	93	0.3	0.03	7.4	1.70	<0.1	0.03
SHB1050235	Soil	3.8	22.9	0.35	112.2	0.033	2	2.56	0.008	0.04	0.1	3.5	0.07	0.02	78	0.3	0.02	9.0	1.25	<0.1	0.02
SHB1050236	Soil	5.1	22.4	0.41	121.6	0.034	2	3.25	0.010	0.05	0.1	4.2	0.06	0.03	124	0.4	<0.02	5.6	1.36	<0.1	0.07
SHB1050237	Soil	7.8	21.6	0.48	126.6	0.048	3	1.70	0.013	0.05	<0.1	4.5	0.07	<0.02	37	0.2	<0.02	5.3	1.41	<0.1	0.02
SHB1050238	Soil	4.4	18.0	0.27	135.3	0.028	2	4.30	0.002	0.05	0.1	3.5	0.08	0.03	191	0.5	0.03	6.3	2.89	<0.1	0.16

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050209	Soil	0.35	5.0	0.3	<0.05	0.7	2.28	9.5	0.02	<1	0.2	10.4	<10	<2
SHB1050210	Soil	1.14	13.8	0.5	<0.05	4.3	36.49	32.5	0.09	13	1.1	35.9	<10	<2
SHB1050211	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050212	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050213	Soil	0.66	8.0	0.5	<0.05	1.1	17.67	20.8	0.05	1	0.5	15.3	<10	<2
SHB1050214	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050215	Soil	0.45	3.4	0.3	<0.05	1.5	4.71	12.5	0.05	<1	0.3	12.5	<10	<2
SHB1050216	Soil	0.41	3.6	0.3	<0.05	1.1	5.62	14.3	0.04	<1	0.3	12.4	<10	<2
SHB1050217	Rock Pulp	0.36	2.6	39.8	<0.05	4.2	4.94	11.0	2.44	12	0.2	5.8	<10	<2
SHB1050218	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050219	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050220	Soil	0.50	3.9	0.5	<0.05	1.0	2.62	9.9	0.05	<1	0.2	10.5	<10	<2
SHB1050221	Soil	2.07	7.0	0.6	<0.05	1.4	14.29	19.3	0.08	<1	0.3	31.1	<10	<2
SHB1050222	Soil	0.34	4.6	0.4	<0.05	0.5	8.99	16.5	0.03	<1	0.3	8.9	<10	<2
SHB1050223	Soil	0.52	5.2	0.5	<0.05	1.5	14.52	14.4	0.04	2	0.4	11.6	<10	<2
SHB1050224	Soil	0.59	3.5	0.6	<0.05	0.3	4.24	9.8	0.04	<1	0.3	23.9	<10	<2
SHB1050225	Soil	0.54	6.2	0.7	<0.05	<0.1	5.34	10.3	0.03	<1	0.2	11.9	<10	<2
SHB1050226	Soil	0.49	5.5	0.5	<0.05	<0.1	6.33	11.3	0.04	<1	0.3	13.9	<10	<2
SHB1050227	Soil	0.70	8.1	0.6	<0.05	0.7	19.94	21.5	0.03	<1	0.6	20.1	<10	<2
SHB1050228	Soil	0.57	7.3	0.5	<0.05	1.5	45.74	32.9	0.05	<1	0.9	30.5	<10	<2
SHB1050229	Soil	1.84	3.8	0.6	<0.05	1.8	2.89	9.7	0.05	<1	0.4	16.2	<10	<2
SHB1050230	Soil	1.23	3.7	0.4	<0.05	1.8	2.55	8.4	0.05	1	0.4	15.6	<10	<2
SHB1050231	Soil	0.63	6.3	0.9	<0.05	<0.1	2.29	11.8	0.03	<1	0.2	8.6	<10	<2
SHB1050232	Soil	0.52	4.3	0.3	<0.05	0.2	4.95	14.5	0.04	<1	0.4	16.2	<10	<2
SHB1050233	Soil	0.49	6.2	0.6	<0.05	<0.1	14.43	15.8	0.02	<1	0.3	22.6	<10	<2
SHB1050234	Soil	2.16	4.2	0.7	<0.05	1.9	3.07	13.0	0.04	<1	0.5	15.0	<10	<2
SHB1050235	Soil	1.19	5.0	0.6	<0.05	0.8	1.95	9.9	0.03	<1	0.2	17.8	<10	<2
SHB1050236	Soil	0.88	4.9	0.4	<0.05	2.2	3.47	11.9	0.06	<1	0.4	20.4	<10	<2
SHB1050237	Soil	0.71	6.9	0.5	<0.05	0.5	7.28	14.3	0.04	<1	0.3	21.8	<10	<2
SHB1050238	Soil	1.76	5.4	0.5	<0.05	3.3	2.53	9.8	0.05	<1	0.4	20.4	<10	<2

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1050239	Soil	0.98	15.83	10.88	78.9	181	12.9	7.7	470	4.88	18.1	0.4	1.1	0.8	13.6	0.34	0.80	0.11	74	0.10	0.162
SHB1050240	Soil	0.91	33.70	9.97	148.3	94	20.3	9.6	1285	3.43	11.0	0.6	0.8	0.3	48.0	0.30	0.65	0.12	67	0.64	0.090
SHB1050241	Soil	1.39	26.81	9.67	81.3	204	12.4	10.7	2479	3.16	9.8	0.6	0.6	<0.1	37.9	0.39	0.71	0.13	67	0.34	0.072
SHB1050242	Soil	1.01	15.15	9.87	78.4	66	11.3	6.3	342	4.39	14.9	0.4	1.1	0.6	12.2	0.24	0.75	0.11	73	0.08	0.081
SHB1050243	Soil	0.84	24.70	8.19	86.0	219	17.0	9.0	713	3.15	8.8	0.5	2.0	0.2	58.5	0.32	0.53	0.10	69	0.65	0.067
SHB1050244	Rock Pulp	21.24	5031	6087	>10000	64866	42.7	17.5	436	8.58	468.4	1.4	584.0	1.3	35.1	216.4	50.83	24.86	37	1.16	0.045
SHB1050245	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050246	Soil	2.82	52.57	9.33	211.1	347	33.7	15.1	6827	4.23	9.4	1.0	2.9	1.0	50.2	0.83	0.62	0.19	66	0.34	0.118
SHB1050247	Soil	2.80	59.11	8.62	208.3	390	37.3	16.8	6878	4.35	10.0	1.2	2.1	1.2	51.6	0.68	0.59	0.26	68	0.33	0.118
SHB1050248	Soil	0.95	14.34	9.10	37.0	54	5.7	3.0	172	2.74	11.3	0.5	1.2	0.2	28.6	0.17	0.82	0.17	71	1.01	0.037
SHB1050249	Soil	1.24	16.90	12.17	71.0	182	9.6	4.9	280	4.68	18.5	0.4	2.4	0.4	27.2	0.47	0.74	0.18	97	0.23	0.066
SHB1050250	Soil	1.32	39.40	9.36	98.1	255	18.2	9.4	1169	3.39	10.0	0.6	1.4	0.3	34.0	0.41	0.63	0.14	66	0.41	0.040
SHB1131750	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131751	Soil	0.78	15.07	7.66	66.8	18	14.6	8.7	395	3.02	10.2	0.5	2.7	1.2	36.0	0.14	0.49	0.16	62	0.19	0.033
SHB1131752	Soil	0.96	14.84	8.00	59.3	57	12.5	6.4	335	3.71	9.8	0.4	2.2	0.7	27.0	0.15	0.42	0.20	83	0.16	0.059
SHB1131753	Soil	1.16	20.74	11.14	89.7	138	13.4	6.8	364	4.47	15.0	0.6	1.2	0.4	36.3	0.48	0.65	0.19	98	0.20	0.068
SHB1131754	Soil	0.86	18.12	8.03	73.2	58	13.5	6.6	356	3.37	11.7	0.5	1.4	0.5	20.0	0.18	0.57	0.11	67	0.15	0.072
SHB1131755	Soil	1.07	23.86	7.49	99.9	165	13.1	6.3	391	3.28	9.4	0.5	0.8	0.7	24.8	0.37	0.47	0.12	65	0.17	0.094
SHB1131756	Soil	1.01	16.35	7.56	69.7	64	13.9	12.6	649	3.10	8.8	0.6	1.0	0.4	73.9	0.13	0.36	0.08	65	0.74	0.052
SHB1131757	Soil	1.20	18.64	7.99	60.9	145	12.2	6.7	357	4.51	14.4	0.6	1.7	0.6	27.6	0.68	0.45	0.09	63	0.17	0.052
SHB1131758	Soil	1.36	14.09	8.35	55.3	46	7.3	4.3	275	4.14	18.2	0.3	0.9	0.6	10.0	0.17	0.79	0.14	87	0.06	0.139
SHB1131759	Soil	1.15	26.45	9.54	64.2	114	16.8	9.2	659	3.75	11.5	0.7	1.3	0.4	29.5	0.33	0.64	0.09	75	0.18	0.037
SHB1131760	Soil	1.15	18.89	8.78	55.2	112	11.8	5.3	307	3.74	13.2	0.5	0.9	0.2	30.7	0.36	0.50	0.11	87	0.23	0.048
SHB1131761	Soil	1.06	15.02	8.23	67.8	66	14.8	7.1	321	4.66	14.6	0.5	0.8	0.7	37.7	0.32	0.50	0.09	84	0.23	0.034
SHB1131762	Soil	0.88	24.54	12.39	110.0	52	15.3	12.3	1108	3.73	10.8	0.6	2.4	0.9	49.3	0.37	0.65	0.05	96	0.74	0.061
SHB1131763	Soil	0.91	14.02	9.33	120.5	153	17.7	7.2	277	4.85	13.6	0.4	1.7	1.1	19.8	0.55	0.49	0.08	77	0.10	0.042
SHB1131764	Soil	0.83	17.05	9.33	113.3	60	20.5	10.7	463	3.47	12.5	0.4	1.4	1.1	24.9	0.38	0.57	0.08	70	0.17	0.042
SHB1131765	Soil	8.06	27.28	7.86	84.1	391	25.1	11.3	1673	3.08	9.3	8.8	1.1	0.5	155.6	0.34	0.34	0.09	62	0.90	0.117
SHB1131766	Soil	1.06	11.51	6.89	112.1	59	14.1	6.6	228	3.68	11.6	0.3	0.3	0.8	20.1	0.27	0.44	0.07	76	0.10	0.026
SHB1131767	Soil	0.69	11.43	6.76	57.2	84	15.1	6.6	480	2.31	6.7	0.3	0.5	0.3	36.2	0.21	0.29	0.07	56	0.26	0.027

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1050239	Soil	4.0	23.8	0.35	94.8	0.034	2	3.13	0.004	0.04	0.1	3.7	0.06	0.03	118	0.3	<0.02	6.3	1.48	<0.1	0.06
SHB1050240	Soil	19.7	25.7	0.54	194.8	0.013	2	2.71	0.010	0.07	<0.1	5.3	0.11	0.02	36	0.3	<0.02	7.0	2.90	<0.1	0.02
SHB1050241	Soil	13.2	19.7	0.33	170.9	0.020	2	1.89	0.009	0.06	<0.1	2.7	0.12	<0.02	58	0.3	0.03	6.8	2.31	<0.1	<0.02
SHB1050242	Soil	4.7	22.7	0.31	100.7	0.029	2	2.61	0.004	0.03	0.1	3.4	0.06	<0.02	74	0.3	<0.02	6.5	1.00	<0.1	0.03
SHB1050243	Soil	11.4	22.0	0.52	209.8	0.035	3	2.26	0.011	0.06	<0.1	3.7	0.08	0.02	70	0.3	<0.02	6.9	1.53	<0.1	<0.02
SHB1050244	Rock Pulp	5.8	25.6	0.67	12.9	0.065	5	0.87	0.053	0.08	0.5	2.6	12.22	8.59	7559	73.7	0.25	5.8	0.33	0.3	0.18
SHB1050245	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050246	Soil	45.2	31.7	0.63	201.8	0.005	<1	4.98	0.007	0.10	<0.1	9.3	0.33	0.03	183	0.4	0.04	8.3	2.95	<0.1	0.14
SHB1050247	Soil	67.2	33.9	0.67	200.8	0.004	<1	5.25	0.007	0.09	<0.1	11.3	0.29	0.03	190	0.3	0.03	9.0	2.93	<0.1	0.14
SHB1050248	Soil	4.8	14.8	0.61	101.0	0.025	2	1.18	0.010	0.03	<0.1	1.8	0.06	0.03	49	0.3	0.04	7.8	0.46	<0.1	<0.02
SHB1050249	Soil	6.8	20.0	0.28	111.6	0.047	2	1.59	0.016	0.04	0.1	2.9	0.08	0.05	50	0.3	0.04	9.6	0.91	<0.1	<0.02
SHB1050250	Soil	22.1	23.4	0.46	130.3	0.015	2	2.00	0.010	0.05	0.1	4.2	0.09	<0.02	45	0.2	0.03	6.4	1.49	<0.1	<0.02
SHB1131750	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131751	Soil	7.3	17.1	0.34	171.7	0.053	3	2.20	0.011	0.05	<0.1	3.9	0.05	<0.02	54	0.2	<0.02	4.6	0.70	<0.1	0.05
SHB1131752	Soil	3.7	20.7	0.37	119.2	0.052	2	2.11	0.009	0.05	<0.1	3.6	0.07	<0.02	49	<0.1	0.03	7.7	0.60	<0.1	0.03
SHB1131753	Soil	8.3	20.3	0.41	235.5	0.046	3	2.22	0.010	0.07	0.1	4.0	0.08	0.02	46	0.1	0.06	10.2	1.27	<0.1	<0.02
SHB1131754	Soil	5.7	17.8	0.37	147.7	0.025	2	2.32	0.007	0.05	0.1	3.4	0.06	0.02	106	0.2	<0.02	6.0	0.96	<0.1	<0.02
SHB1131755	Soil	5.6	20.6	0.37	152.8	0.033	3	2.49	0.008	0.05	0.1	3.7	0.06	<0.02	64	0.2	0.02	6.3	1.33	<0.1	0.03
SHB1131756	Soil	9.7	18.5	0.48	146.8	0.034	3	2.43	0.018	0.07	<0.1	4.6	0.09	0.02	54	0.2	<0.02	6.1	1.16	<0.1	<0.02
SHB1131757	Soil	4.6	22.3	0.33	124.8	0.043	2	3.07	0.007	0.03	0.1	3.5	0.04	0.04	119	0.3	<0.02	6.4	1.06	<0.1	0.05
SHB1131758	Soil	4.4	16.1	0.23	80.7	0.041	2	1.98	0.007	0.03	0.2	3.0	0.07	<0.02	103	0.2	0.02	8.8	0.78	<0.1	<0.02
SHB1131759	Soil	8.1	21.5	0.45	92.5	0.049	2	2.18	0.010	0.05	<0.1	3.7	0.06	0.02	62	<0.1	0.04	6.2	1.30	<0.1	0.02
SHB1131760	Soil	5.0	19.6	0.30	123.7	0.048	2	1.95	0.006	0.04	<0.1	2.5	0.05	0.03	73	0.2	0.04	8.8	0.61	<0.1	<0.02
SHB1131761	Soil	4.1	24.2	0.42	199.2	0.087	2	2.46	0.009	0.03	<0.1	3.5	0.05	0.03	60	0.2	<0.02	7.3	0.93	<0.1	0.05
SHB1131762	Soil	8.8	19.2	0.78	150.5	0.109	5	1.65	0.025	0.06	0.1	6.7	0.05	0.03	42	0.3	<0.02	5.6	0.98	<0.1	0.07
SHB1131763	Soil	3.8	28.8	0.39	183.0	0.068	2	3.42	0.004	0.03	0.1	3.9	0.04	0.02	91	0.3	<0.02	7.1	1.20	<0.1	0.11
SHB1131764	Soil	4.6	23.9	0.44	199.1	0.051	3	2.41	0.007	0.05	<0.1	3.5	0.05	<0.02	77	<0.1	<0.02	5.2	1.28	<0.1	0.02
SHB1131765	Soil	12.6	30.0	0.53	583.3	0.014	3	2.45	0.014	0.08	<0.1	7.1	0.12	0.05	184	0.8	<0.02	5.8	1.26	<0.1	0.06
SHB1131766	Soil	3.4	21.0	0.30	140.5	0.050	3	2.15	0.005	0.03	<0.1	2.8	0.04	<0.02	69	0.2	<0.02	6.0	0.80	<0.1	0.05
SHB1131767	Soil	4.4	18.7	0.33	144.2	0.022	2	1.69	0.009	0.04	<0.1	2.5	0.06	<0.02	36	<0.1	0.02	5.3	1.11	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1050239	Soil	1.33	5.4	0.4	<0.05	2.0	2.93	8.7	0.05	<1	0.3	18.0	<10	<2
SHB1050240	Soil	0.39	7.9	0.6	<0.05	0.7	21.89	24.6	0.03	1	0.7	38.7	<10	<2
SHB1050241	Soil	0.17	8.4	0.5	<0.05	<0.1	9.37	25.1	0.03	<1	0.6	10.0	<10	<2
SHB1050242	Soil	1.33	4.4	0.5	<0.05	0.9	2.51	10.2	0.05	<1	0.3	19.2	<10	<2
SHB1050243	Soil	0.52	5.6	0.5	<0.05	0.3	12.80	18.6	0.03	<1	0.6	16.8	<10	<2
SHB1050244	Rock Pulp	0.52	3.4	46.2	<0.05	5.4	5.61	12.9	2.83	16	0.2	6.8	<10	<2
SHB1050245	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1050246	Soil	0.40	7.7	0.6	<0.05	3.3	44.97	91.3	0.06	<1	1.7	54.4	<10	<2
SHB1050247	Soil	0.42	7.3	0.5	<0.05	3.8	62.00	112.8	0.06	<1	2.2	57.8	<10	<2
SHB1050248	Soil	0.91	2.4	0.7	<0.05	0.4	2.09	8.8	0.02	<1	0.2	2.8	<10	<2
SHB1050249	Soil	1.86	5.3	0.8	<0.05	0.5	4.45	10.1	0.04	<1	0.2	8.8	<10	<2
SHB1050250	Soil	0.63	6.2	0.5	<0.05	0.2	21.15	19.1	0.03	<1	0.5	18.0	<10	<2
SHB1131750	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131751	Soil	0.55	3.9	0.5	<0.05	1.2	4.43	17.7	0.04	<1	0.5	10.3	<10	<2
SHB1131752	Soil	0.99	3.6	0.6	<0.05	1.4	1.57	8.1	0.03	<1	0.2	10.0	<10	<2
SHB1131753	Soil	1.17	8.4	1.0	<0.05	0.7	6.07	15.6	0.04	1	0.3	11.4	<10	<2
SHB1131754	Soil	0.74	5.5	0.5	<0.05	0.5	3.64	12.4	0.04	<1	0.4	13.3	<10	<2
SHB1131755	Soil	1.29	6.8	0.6	<0.05	0.7	3.41	11.5	0.04	<1	0.5	16.6	<10	<2
SHB1131756	Soil	0.45	4.2	0.5	<0.05	0.6	9.81	20.1	0.04	2	0.5	19.1	<10	<2
SHB1131757	Soil	1.73	3.0	0.4	<0.05	2.1	3.17	9.2	0.06	<1	0.4	19.8	<10	<2
SHB1131758	Soil	1.07	3.8	0.7	<0.05	0.8	1.89	8.6	0.03	<1	0.2	7.4	<10	<2
SHB1131759	Soil	0.85	5.2	0.5	<0.05	0.9	7.20	17.3	0.04	2	0.3	10.8	<10	<2
SHB1131760	Soil	1.33	3.6	0.6	<0.05	0.8	3.01	10.4	0.04	<1	0.2	6.4	<10	<2
SHB1131761	Soil	1.37	3.8	0.5	<0.05	2.2	2.31	9.0	0.05	<1	0.2	13.7	<10	<2
SHB1131762	Soil	0.21	3.4	0.4	<0.05	2.5	12.38	17.8	0.04	3	0.4	15.2	<10	<2
SHB1131763	Soil	2.43	4.3	0.5	<0.05	4.8	2.50	7.7	0.05	<1	0.4	24.6	<10	<2
SHB1131764	Soil	0.63	6.9	0.4	<0.05	1.1	3.18	11.9	0.05	<1	0.4	14.3	<10	<2
SHB1131765	Soil	0.38	9.6	0.4	<0.05	1.7	23.11	20.6	0.04	4	0.8	23.2	<10	<2
SHB1131766	Soil	1.68	4.5	0.5	<0.05	2.0	1.90	7.4	0.04	<1	0.3	16.1	<10	<2
SHB1131767	Soil	0.39	5.7	0.4	<0.05	0.1	2.63	8.7	0.03	<1	0.2	16.0	<10	<2

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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131768	Soil		0.82	19.18	7.23	72.7	27	39.0	13.7	855	3.07	6.3	0.6	1.2	1.8	38.4	0.18	0.34	0.09	59	0.32	0.066
SHB1131769	Soil		1.48	15.81	7.08	75.4	29	26.9	11.8	334	3.55	7.2	0.8	1.3	1.7	34.2	0.08	0.35	0.10	78	0.28	0.062
SHB1131770	Soil		1.24	13.21	8.93	88.7	131	13.4	5.5	195	3.96	13.0	0.4	1.1	0.8	11.0	0.55	0.47	0.10	79	0.06	0.039
SHB1131771	Soil		1.39	12.81	10.73	60.8	28	11.3	5.2	227	3.94	13.3	0.4	0.9	0.4	21.8	0.41	0.49	0.11	98	0.14	0.136
SHB1131772	Soil		1.12	23.67	7.44	82.0	168	20.0	9.0	833	2.74	8.0	2.2	0.9	0.4	149.6	0.29	0.40	0.07	57	0.93	0.071
SHB1131773	Soil		1.94	17.55	11.99	94.5	189	17.4	7.2	255	4.11	17.4	0.4	1.0	0.9	25.1	0.42	0.59	0.08	79	0.16	0.036
SHB1131774	Soil		0.70	20.62	6.33	58.7	69	16.4	8.4	326	2.52	7.5	0.7	1.2	0.5	34.8	0.17	0.27	0.08	58	0.23	0.032
SHB1131775	Soil		1.32	13.56	10.35	119.2	157	15.5	11.1	699	5.48	16.4	0.5	0.9	1.6	22.6	0.54	0.48	0.08	95	0.15	0.085
SHB1131776	Soil		0.73	18.08	7.82	100.9	91	21.4	10.8	443	3.17	11.6	0.5	1.3	1.1	29.3	0.36	0.57	0.07	67	0.25	0.052
SHB1131777	Soil		1.09	18.86	10.11	61.2	160	11.1	4.5	181	3.78	11.5	0.5	1.0	0.3	23.0	0.53	0.52	0.11	92	0.12	0.039
SHB1131778	Soil		0.66	14.66	6.12	68.0	78	31.2	9.8	629	2.61	5.8	1.2	3.7	0.8	70.3	0.14	0.27	0.26	51	0.60	0.062
SHB1131779	Soil		0.79	11.17	8.73	56.8	249	10.2	3.6	178	3.40	7.8	0.2	1.4	0.6	9.1	0.22	0.28	0.14	74	0.04	0.071
SHB1131780	Soil		0.74	22.31	7.84	71.7	94	20.4	8.6	291	3.27	10.7	0.4	1.6	1.1	33.4	0.15	0.58	0.08	76	0.23	0.039
SHB1131781	Soil		0.81	9.96	8.02	46.2	50	11.6	3.6	137	3.36	8.0	0.3	1.5	0.6	9.2	0.07	0.41	0.12	77	0.02	0.109
SHB1131782	Soil		0.79	9.17	7.22	85.7	213	12.8	5.0	196	3.26	6.9	0.4	1.1	0.6	15.0	0.26	0.27	0.11	80	0.08	0.044
SHB1131783	Soil		1.02	16.20	10.76	103.0	122	17.1	9.2	462	4.94	12.8	0.5	1.0	1.2	13.6	0.25	0.46	0.11	104	0.04	0.108
SHB1131784	Soil		0.78	17.37	10.78	96.7	192	18.7	7.3	297	3.87	32.4	0.3	1.0	1.0	18.2	0.39	0.62	0.10	74	0.10	0.057
SHB1131785	Soil		1.07	11.18	8.32	48.1	209	12.2	4.6	219	3.70	10.3	0.3	1.3	0.8	13.0	0.16	0.45	0.09	89	0.08	0.081
SHB1131786	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131787	Soil		0.85	17.97	8.11	85.5	214	20.4	8.4	295	3.83	9.8	0.5	5.7	1.1	16.0	0.39	0.43	0.32	72	0.10	0.100
SHB1131788	Soil		0.46	11.51	6.69	56.7	283	9.9	5.0	659	2.44	3.6	0.4	2.6	0.3	30.4	0.41	0.22	0.19	46	0.57	0.043
SHB1131789	Soil		0.85	16.13	7.24	85.9	131	14.1	7.5	621	3.18	8.3	0.4	3.6	0.4	20.8	0.28	0.36	0.18	69	0.18	0.054
SHB1131790	Soil		0.57	7.43	7.16	64.5	133	6.2	2.8	136	2.32	6.1	0.2	2.6	0.4	8.5	0.25	0.30	0.16	62	0.04	0.035
SHB1131791	Soil		1.20	9.39	7.50	50.4	80	9.0	4.2	165	3.28	9.2	0.2	1.6	0.5	12.8	0.19	0.52	0.13	84	0.05	0.018
SHB1131792	Soil		4.63	21.05	7.52	74.7	125	19.7	9.4	1141	2.94	8.7	4.4	1.1	0.5	80.3	0.29	0.34	0.11	57	0.56	0.063
SHB1131793	Soil		2.47	30.34	12.83	134.0	271	26.0	27.1	>10000	3.71	11.5	1.1	2.9	0.5	83.4	1.66	0.45	0.14	72	1.05	0.094
SHB1131794	Soil		1.16	16.62	6.56	84.3	132	14.5	8.3	527	3.14	6.2	0.4	0.5	0.3	33.1	0.46	0.25	0.13	69	0.19	0.039
SHB1131795	Soil		1.00	53.46	8.08	68.8	459	28.0	9.1	290	3.22	8.0	2.3	5.8	0.5	48.1	0.35	0.31	0.12	54	0.43	0.104
SHB1131796	Soil		0.58	9.83	4.83	60.4	86	15.6	5.6	332	2.34	6.1	0.3	0.8	0.3	36.2	0.23	0.29	0.07	57	0.29	0.028
SHB1131797	Soil		1.03	21.01	6.95	98.6	257	20.8	9.3	1170	2.98	8.8	1.1	1.2	0.4	69.7	0.34	0.33	0.10	62	0.55	0.079

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

Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131768	Soil		6.5	26.6	0.44	304.9	0.012	2	1.22	0.010	0.12	<0.1	4.4	0.07	<0.02	48	<0.1	<0.02	3.9	0.64	<0.1	<0.02
SHB1131769	Soil		8.0	25.8	0.41	292.0	0.010	3	1.68	0.009	0.06	<0.1	3.6	0.07	<0.02	53	0.1	0.04	4.9	0.56	<0.1	0.03
SHB1131770	Soil		4.1	27.1	0.26	132.9	0.043	3	3.08	0.004	0.03	0.1	3.1	0.05	0.02	117	0.1	<0.02	7.4	1.16	<0.1	0.04
SHB1131771	Soil		3.5	23.0	0.28	142.5	0.055	3	1.85	0.007	0.05	<0.1	2.6	0.05	<0.02	60	0.2	<0.02	8.1	0.63	<0.1	<0.02
SHB1131772	Soil		10.8	22.0	0.46	438.2	0.019	3	1.85	0.015	0.07	<0.1	5.6	0.08	0.04	98	0.2	<0.02	4.4	0.98	<0.1	0.03
SHB1131773	Soil		3.8	24.3	0.43	200.7	0.050	3	2.57	0.006	0.05	<0.1	3.8	0.05	0.03	86	0.2	0.02	5.5	1.09	<0.1	0.06
SHB1131774	Soil		5.5	19.1	0.37	146.2	0.019	2	1.71	0.007	0.04	<0.1	3.8	0.06	<0.02	47	0.2	0.02	4.7	0.90	<0.1	<0.02
SHB1131775	Soil		4.1	30.2	0.39	196.9	0.079	3	4.21	0.003	0.03	0.2	4.7	0.05	0.03	60	0.2	<0.02	7.2	1.59	<0.1	0.20
SHB1131776	Soil		6.2	23.3	0.53	200.3	0.059	3	2.40	0.008	0.06	<0.1	4.5	0.05	<0.02	57	0.2	0.02	4.8	1.42	<0.1	0.04
SHB1131777	Soil		4.3	20.8	0.25	230.3	0.041	2	1.57	0.008	0.04	<0.1	2.5	0.07	0.03	70	<0.1	0.03	8.8	0.84	<0.1	<0.02
SHB1131778	Soil		6.8	27.2	0.30	387.8	0.009	5	0.98	0.011	0.12	<0.1	4.6	0.09	<0.02	68	0.2	<0.02	3.1	0.54	<0.1	<0.02
SHB1131779	Soil		3.1	22.1	0.16	89.0	0.017	2	1.65	0.005	0.03	<0.1	1.9	0.08	<0.02	61	0.2	0.03	7.1	0.68	<0.1	<0.02
SHB1131780	Soil		6.8	22.1	0.44	165.0	0.029	2	1.82	0.010	0.05	<0.1	5.0	0.06	<0.02	31	<0.1	<0.02	5.3	0.86	<0.1	0.02
SHB1131781	Soil		3.2	21.3	0.12	57.3	0.012	2	1.33	0.004	0.03	<0.1	1.9	0.09	<0.02	52	<0.1	0.02	6.3	0.74	<0.1	<0.02
SHB1131782	Soil		4.4	19.2	0.17	169.4	0.014	2	1.43	0.005	0.04	<0.1	1.9	0.05	<0.02	50	<0.1	0.02	6.1	0.68	<0.1	<0.02
SHB1131783	Soil		3.7	27.2	0.24	138.1	0.016	2	2.46	0.003	0.04	<0.1	3.4	0.06	<0.02	53	0.1	0.02	7.3	0.75	<0.1	0.03
SHB1131784	Soil		3.7	24.5	0.40	161.4	0.041	2	2.49	0.005	0.04	0.1	3.5	0.06	<0.02	104	0.1	<0.02	5.5	0.97	<0.1	0.03
SHB1131785	Soil		3.7	19.8	0.26	98.2	0.043	2	1.69	0.004	0.06	<0.1	2.4	0.05	<0.02	69	0.1	<0.02	7.1	0.49	<0.1	0.03
SHB1131786	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131787	Soil		4.6	27.1	0.40	187.8	0.013	1	2.77	0.006	0.04	0.1	4.0	0.08	0.03	136	0.2	0.03	6.3	1.17	<0.1	0.04
SHB1131788	Soil		4.6	22.0	0.11	349.5	0.005	2	0.72	0.005	0.06	<0.1	2.2	0.07	<0.02	43	0.1	0.02	2.9	0.47	<0.1	<0.02
SHB1131789	Soil		3.6	22.3	0.31	171.6	0.012	1	1.62	0.006	0.04	<0.1	2.6	0.07	<0.02	42	0.1	0.04	5.4	1.05	<0.1	<0.02
SHB1131790	Soil		3.1	13.1	0.14	115.1	0.017	1	1.11	0.006	0.02	<0.1	1.5	0.03	<0.02	70	0.1	<0.02	5.9	0.32	<0.1	<0.02
SHB1131791	Soil		3.1	16.0	0.21	128.1	0.039	<1	1.28	0.007	0.02	<0.1	1.9	0.05	<0.02	62	0.2	0.03	5.8	0.41	<0.1	0.02
SHB1131792	Soil		10.6	22.6	0.44	374.9	0.013	<1	1.78	0.011	0.05	<0.1	5.8	0.09	0.03	85	0.5	<0.02	4.4	0.88	<0.1	0.05
SHB1131793	Soil		15.5	34.3	0.56	387.4	0.015	1	3.11	0.008	0.06	0.1	5.9	0.36	0.02	86	0.4	0.04	7.5	1.69	<0.1	0.03
SHB1131794	Soil		4.3	21.7	0.38	156.0	0.015	<1	1.95	0.009	0.04	0.1	2.7	0.06	<0.02	40	0.2	<0.02	6.6	1.16	<0.1	<0.02
SHB1131795	Soil		16.0	36.9	0.47	292.9	0.004	<1	4.01	0.008	0.07	<0.1	5.3	0.12	0.06	213	0.5	<0.02	7.2	1.26	<0.1	0.05
SHB1131796	Soil		4.7	19.4	0.41	134.8	0.027	1	1.39	0.010	0.04	<0.1	2.7	0.05	<0.02	22	0.1	0.04	4.6	1.08	<0.1	<0.02
SHB1131797	Soil		9.6	25.9	0.52	354.0	0.014	1	2.29	0.010	0.06	<0.1	4.8	0.09	0.03	74	0.2	<0.02	5.7	1.54	<0.1	0.03

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131768	Soil	0.13	6.9	0.4	<0.05	0.6	7.20	15.7	0.02	<1	0.4	11.2	<10	<2
SHB1131769	Soil	0.44	5.4	0.4	<0.05	0.6	5.08	16.9	0.04	<1	0.4	9.3	<10	<2
SHB1131770	Soil	2.65	4.3	0.6	<0.05	1.6	2.23	8.1	0.04	<1	0.4	14.9	<10	<2
SHB1131771	Soil	0.87	8.0	0.5	<0.05	0.7	1.39	6.6	0.03	<1	0.2	8.4	<10	<2
SHB1131772	Soil	0.47	8.1	0.4	<0.05	0.8	16.33	15.3	0.02	<1	0.4	16.1	<10	<2
SHB1131773	Soil	0.97	4.9	0.4	<0.05	2.7	2.47	9.2	0.04	<1	0.3	17.5	<10	<2
SHB1131774	Soil	0.48	5.5	0.4	<0.05	0.3	4.64	9.4	0.03	<1	0.5	12.0	<10	<2
SHB1131775	Soil	1.68	5.0	0.5	<0.05	7.2	3.95	10.2	0.07	<1	0.5	23.2	<10	<2
SHB1131776	Soil	0.47	6.8	0.3	<0.05	1.3	4.96	14.6	0.03	<1	0.4	14.6	<10	<2
SHB1131777	Soil	1.20	3.9	0.6	<0.05	0.6	1.56	8.5	0.03	<1	0.2	7.4	<10	<2
SHB1131778	Soil	0.20	7.9	0.4	<0.05	0.5	11.98	10.6	0.03	<1	0.4	8.1	<10	<2
SHB1131779	Soil	1.56	4.5	0.6	<0.05	0.9	0.96	5.8	0.03	<1	0.1	8.2	<10	<2
SHB1131780	Soil	0.37	4.1	0.4	<0.05	0.9	6.98	13.4	0.03	<1	0.3	12.1	<10	<2
SHB1131781	Soil	0.77	5.2	0.6	<0.05	0.4	0.90	6.2	0.02	<1	<0.1	5.5	<10	<2
SHB1131782	Soil	1.08	6.0	0.6	<0.05	0.4	2.15	8.5	<0.02	<1	0.2	11.3	<10	<2
SHB1131783	Soil	1.23	5.0	0.6	<0.05	0.8	2.01	7.6	0.05	<1	0.2	18.8	<10	<2
SHB1131784	Soil	0.81	4.4	0.3	<0.05	2.2	2.27	11.7	0.04	<1	0.3	17.4	<10	<2
SHB1131785	Soil	1.17	3.1	0.6	<0.05	1.2	1.18	7.1	0.04	<1	0.1	10.1	<10	<2
SHB1131786	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131787	Soil	0.98	4.1	0.6	<0.05	1.4	4.72	11.1	0.07	1	0.4	17.5	<10	<2
SHB1131788	Soil	0.46	11.2	0.5	<0.05	0.2	6.59	6.7	0.03	<1	0.3	3.1	<10	<2
SHB1131789	Soil	0.73	7.5	0.5	<0.05	0.1	2.12	8.6	0.03	<1	0.2	10.4	<10	<2
SHB1131790	Soil	0.77	2.3	0.5	<0.05	0.2	1.10	6.8	0.02	<1	0.1	6.7	<10	<2
SHB1131791	Soil	0.79	2.4	0.4	<0.05	0.6	1.24	6.5	0.03	<1	<0.1	6.0	<10	<2
SHB1131792	Soil	0.39	8.1	0.3	<0.05	1.0	17.34	19.1	0.04	3	0.6	14.4	<10	<2
SHB1131793	Soil	0.54	9.2	0.4	<0.05	0.7	17.05	55.2	0.08	3	1.2	14.9	<10	<2
SHB1131794	Soil	1.21	5.7	0.5	<0.05	0.2	3.61	8.5	0.04	<1	0.3	11.5	<10	<2
SHB1131795	Soil	1.12	5.8	0.5	<0.05	1.4	18.02	27.3	0.07	<1	1.2	17.2	<10	<2
SHB1131796	Soil	0.32	8.2	0.3	<0.05	0.2	3.96	8.4	0.03	<1	0.2	8.8	<10	<2
SHB1131797	Soil	0.45	9.8	0.4	<0.05	0.7	13.99	18.8	0.04	<1	0.4	15.7	<10	<2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131798	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131799	Soil		1.88	23.11	8.51	93.4	115	23.1	9.1	462	3.38	7.8	3.2	1.4	1.8	23.5	0.14	0.33	0.13	69	0.11	0.032
SHB1131800	Soil		0.87	17.47	6.61	104.5	296	21.4	11.6	4393	2.86	7.6	0.9	3.1	0.2	95.3	0.64	0.29	0.08	51	0.82	0.089
SHB1131801	Soil		0.55	9.98	6.94	63.8	109	12.1	4.9	202	3.19	9.0	0.3	<0.2	0.7	18.1	0.46	0.36	0.08	67	0.09	0.131
SHB1131802	Soil		0.74	9.72	7.21	61.2	66	11.6	4.5	221	2.74	7.0	0.2	<0.2	0.4	17.0	0.20	0.33	0.08	76	0.05	0.031
SHB1131803	Soil		0.74	10.11	6.25	30.4	109	5.6	1.8	52	2.05	4.2	0.2	<0.2	0.2	7.4	0.16	0.25	0.10	60	<0.01	0.016
SHB1131804	Soil		0.76	17.85	7.40	43.5	163	8.9	4.2	320	2.24	7.2	0.4	<0.2	0.3	35.3	0.20	0.23	0.12	62	0.27	0.029
SHB1131805	Soil		0.60	8.79	6.40	54.5	15	12.0	3.9	101	2.40	6.1	0.2	<0.2	0.4	7.9	0.04	0.22	0.09	63	0.01	0.018
SHB1131806	Soil		0.70	19.41	7.48	92.7	81	22.3	10.6	280	3.26	10.2	0.3	0.5	1.4	21.3	0.20	0.48	0.07	68	0.14	0.038
SHB1131807	Soil		0.82	10.20	8.11	70.2	124	9.8	4.3	403	3.92	9.8	0.2	<0.2	0.7	10.6	0.21	0.31	0.09	86	0.08	0.086
SHB1131808	Soil		0.50	4.54	4.03	17.3	44	2.5	1.0	45	1.17	1.8	0.2	<0.2	0.4	9.4	0.10	0.15	0.05	38	0.03	0.011
SHB1131809	Rock Pulp		20.76	4895	5934	>10000	62962	41.2	16.6	397	8.35	461.2	1.2	467.9	1.7	30.7	197.8	44.54	23.49	34	1.11	0.042
SHB1131810	Soil		0.29	5.84	10.04	43.2	92	1.5	0.7	95	0.18	13.4	1.9	5.1	0.2	237.1	0.55	1.70	0.05	10	15.81	0.008
SHB1131811	Soil		2.23	31.88	8.27	121.5	885	24.3	10.9	2352	3.30	9.4	2.1	3.5	0.5	78.6	1.03	0.45	0.15	62	0.64	0.125
SHB1131812	Soil		2.53	32.10	9.29	138.8	1080	25.7	13.0	3338	3.31	9.7	2.2	2.5	0.2	90.7	1.43	0.39	0.15	62	0.76	0.140
SHB1131813	Soil		0.65	20.51	8.35	76.5	335	15.5	8.5	375	3.40	11.0	0.4	1.7	1.4	21.7	0.22	0.58	0.08	72	0.12	0.029
SHB1131814	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131815	Soil		2.00	18.63	9.00	73.3	162	17.1	9.6	503	3.55	10.4	0.5	0.5	0.7	50.1	0.41	0.57	0.09	63	0.32	0.034
SHB1131816	Soil		1.27	16.47	8.07	87.5	191	15.3	7.7	439	3.41	11.0	0.4	<0.2	1.0	15.9	0.26	0.45	0.07	75	0.10	0.051
SHB1131817	Soil		2.97	37.18	9.15	82.8	393	24.2	13.9	688	3.61	11.4	1.8	1.2	0.5	84.7	0.41	0.42	0.09	68	0.55	0.075
SHB1131818	Soil		1.40	31.70	7.75	93.1	320	21.2	10.5	1075	2.99	8.1	3.4	0.8	0.7	105.7	0.49	0.33	0.07	58	0.66	0.093
SHB1131819	Soil		0.84	15.62	7.02	74.5	327	10.7	5.7	245	3.43	8.0	0.3	<0.2	0.9	15.9	0.62	0.34	0.21	77	0.11	0.048
SHB1131820	Soil		0.91	9.24	8.08	38.7	151	6.8	3.2	144	2.72	9.1	0.3	0.5	0.3	17.4	0.21	0.38	0.13	70	0.08	0.056
SHB1131821	Soil		0.99	18.36	7.59	87.1	262	11.3	6.2	359	3.53	9.5	0.4	<0.2	0.5	33.9	0.47	0.29	0.10	72	0.23	0.064
SHB1131822	Soil		1.67	22.09	7.20	74.1	403	16.9	10.8	796	2.85	8.3	2.3	0.7	0.5	236.9	0.37	0.34	0.08	58	1.41	0.088
SHB1131823	Soil		1.96	41.90	8.26	81.4	404	10.4	3.5	290	2.71	8.7	2.7	4.8	0.2	51.8	0.35	0.41	0.28	69	0.23	0.052
SHB1131824	Soil		2.27	17.01	6.70	62.5	98	14.6	5.5	232	2.79	8.7	0.5	3.3	0.2	49.8	0.28	0.40	0.15	60	0.38	0.037
SHB1131825	Soil		6.64	19.84	5.97	86.6	260	24.3	10.5	2548	2.60	6.2	10.6	1.7	0.3	75.9	0.63	0.30	0.12	56	0.45	0.101
SHB1131826	Soil		1.98	25.83	8.41	85.9	244	15.7	9.4	871	2.92	10.1	4.0	2.1	0.2	96.5	0.49	0.34	0.14	63	0.69	0.074
SHB1131827	Soil		1.93	20.86	6.17	122.7	236	16.6	7.3	812	2.45	8.1	1.7	3.4	0.2	132.5	0.42	0.33	0.11	53	0.93	0.083

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

Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131798	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131799	Soil	13.5	28.5	0.45	309.9	0.009	<1	2.88	0.007	0.04	<0.1	9.7	0.09	<0.02	90	0.3	0.03	6.2	1.06	<0.1	0.07
SHB1131800	Soil	10.3	22.5	0.44	451.4	0.011	1	2.11	0.011	0.06	<0.1	5.1	0.11	0.05	116	0.3	<0.02	5.0	1.23	<0.1	0.03
SHB1131801	Soil	3.6	20.6	0.28	129.8	0.034	1	1.61	0.008	0.03	0.1	2.6	0.04	<0.02	52	0.2	0.03	4.9	0.55	<0.1	<0.02
SHB1131802	Soil	2.8	19.8	0.18	107.0	0.019	2	1.10	0.007	0.03	<0.1	2.0	0.06	<0.02	41	0.2	<0.02	5.1	0.60	<0.1	<0.02
SHB1131803	Soil	2.6	18.1	0.03	54.1	0.008	3	0.65	0.003	0.03	<0.1	1.0	0.08	<0.02	43	<0.1	<0.02	4.3	0.54	<0.1	<0.02
SHB1131804	Soil	5.0	16.0	0.23	118.7	0.019	<1	1.15	0.008	0.04	<0.1	1.9	0.06	<0.02	18	0.2	0.03	5.2	0.98	<0.1	<0.02
SHB1131805	Soil	1.6	19.1	0.09	66.8	0.004	2	0.95	0.004	0.06	<0.1	1.7	0.11	<0.02	22	0.1	0.04	3.7	0.66	<0.1	<0.02
SHB1131806	Soil	3.6	25.2	0.45	169.5	0.031	2	2.82	0.006	0.05	<0.1	4.1	0.06	<0.02	72	0.2	0.02	4.7	1.17	<0.1	0.11
SHB1131807	Soil	3.1	18.7	0.20	117.9	0.028	2	1.67	0.007	0.03	<0.1	2.4	0.05	<0.02	70	0.2	0.02	7.4	0.53	<0.1	<0.02
SHB1131808	Soil	3.4	7.5	0.03	73.9	0.011	2	0.39	0.004	0.02	<0.1	0.7	0.04	<0.02	15	0.2	<0.02	3.4	0.41	<0.1	<0.02
SHB1131809	Rock Pulp	5.3	22.8	0.65	11.8	0.054	3	0.86	0.054	0.08	0.5	2.5	12.27	8.43	7099	73.9	0.23	5.5	0.31	0.3	0.15
SHB1131810	Soil	0.8	8.2	8.09	21.1	0.003	2	0.08	0.172	0.02	0.2	0.4	<0.02	0.42	18	0.5	<0.02	0.2	0.07	<0.1	0.07
SHB1131811	Soil	22.2	27.4	0.36	445.7	0.008	1	2.28	0.011	0.07	<0.1	7.4	0.16	0.06	225	0.2	<0.02	5.2	1.34	<0.1	0.03
SHB1131812	Soil	28.0	26.2	0.40	565.5	0.012	2	2.37	0.012	0.07	<0.1	8.1	0.21	0.07	222	0.4	<0.02	5.4	1.85	<0.1	<0.02
SHB1131813	Soil	5.7	20.2	0.42	136.8	0.031	1	1.89	0.009	0.04	<0.1	4.5	0.08	<0.02	65	0.2	<0.02	5.1	0.93	<0.1	0.03
SHB1131814	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131815	Soil	5.6	21.9	0.42	237.4	0.040	2	2.14	0.008	0.06	<0.1	3.7	0.06	0.03	78	0.2	0.03	5.2	1.09	<0.1	<0.02
SHB1131816	Soil	3.8	20.2	0.37	147.4	0.035	2	1.76	0.008	0.03	<0.1	3.2	0.06	<0.02	70	0.1	0.03	5.4	0.63	<0.1	0.02
SHB1131817	Soil	13.7	29.6	0.46	289.6	0.020	1	3.21	0.010	0.06	<0.1	6.0	0.11	0.03	155	0.6	0.03	6.8	1.64	<0.1	<0.02
SHB1131818	Soil	22.6	27.2	0.48	449.5	0.010	1	2.47	0.014	0.06	<0.1	7.4	0.10	0.04	123	0.3	0.03	5.6	1.06	<0.1	0.06
SHB1131819	Soil	4.3	21.2	0.15	139.0	0.035	<1	2.37	0.007	0.04	0.1	2.7	0.04	0.02	86	0.3	0.03	6.1	0.53	<0.1	0.04
SHB1131820	Soil	4.3	14.5	0.15	97.1	0.028	1	1.19	0.009	0.03	0.1	1.8	0.07	<0.02	46	0.3	0.02	6.6	0.49	<0.1	<0.02
SHB1131821	Soil	4.2	18.3	0.23	208.7	0.015	1	1.91	0.006	0.05	<0.1	2.4	0.06	0.02	98	0.2	0.03	7.0	0.83	<0.1	<0.02
SHB1131822	Soil	11.0	21.8	0.41	573.3	0.010	2	1.66	0.014	0.06	0.1	4.7	0.09	0.06	171	0.3	0.03	4.4	0.81	<0.1	0.03
SHB1131823	Soil	9.9	19.3	0.13	194.1	0.021	4	0.97	0.006	0.05	<0.1	2.9	0.10	0.03	31	0.1	0.03	4.4	1.24	<0.1	<0.02
SHB1131824	Soil	3.0	18.0	0.26	213.8	0.014	4	1.75	0.003	0.04	<0.1	2.1	0.07	0.04	85	0.2	0.03	4.6	0.64	<0.1	<0.02
SHB1131825	Soil	7.3	25.1	0.28	424.1	0.015	4	1.44	0.010	0.05	<0.1	4.4	0.13	0.04	113	0.4	<0.02	3.5	0.72	<0.1	0.04
SHB1131826	Soil	9.8	21.1	0.37	339.9	0.016	3	1.56	0.008	0.05	<0.1	4.7	0.08	0.03	71	0.2	0.02	4.7	0.86	<0.1	<0.02
SHB1131827	Soil	5.6	21.0	0.32	529.7	0.010	5	1.22	0.010	0.05	<0.1	3.3	0.08	0.04	75	0.5	<0.02	4.2	0.87	<0.1	0.02

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131798	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131799	Soil	0.80	3.5	0.5	<0.05	2.9	21.36	22.4	0.05	<1	0.6	17.4	<10	<2
SHB1131800	Soil	0.46	9.0	0.4	<0.05	0.7	16.43	22.1	0.04	2	0.5	13.6	<10	<2
SHB1131801	Soil	0.93	3.1	0.3	<0.05	0.9	2.19	8.4	0.03	<1	0.2	7.1	<10	<2
SHB1131802	Soil	0.74	4.7	0.4	<0.05	0.4	1.29	6.1	0.02	<1	0.1	4.9	<10	<2
SHB1131803	Soil	0.28	3.9	0.5	<0.05	<0.1	0.53	5.1	<0.02	<1	<0.1	0.8	<10	<2
SHB1131804	Soil	0.75	7.2	0.5	<0.05	0.1	2.44	9.1	0.02	<1	0.2	5.4	<10	<2
SHB1131805	Soil	0.18	9.7	0.4	<0.05	0.3	0.64	3.4	0.02	<1	0.1	1.9	<10	<2
SHB1131806	Soil	0.56	5.7	0.3	<0.05	3.8	2.75	9.1	0.03	<1	0.4	15.7	<10	<2
SHB1131807	Soil	1.36	3.8	0.5	<0.05	0.9	1.60	5.8	0.03	<1	0.2	11.6	<10	<2
SHB1131808	Soil	0.24	2.6	0.4	<0.05	0.3	0.63	6.8	<0.02	<1	<0.1	0.5	<10	<2
SHB1131809	Rock Pulp	0.41	3.0	40.6	<0.05	5.0	5.58	12.5	2.81	13	0.1	6.0	<10	<2
SHB1131810	Soil	0.08	0.6	0.3	<0.05	1.7	0.98	1.5	<0.02	1	<0.1	1.0	<10	<2
SHB1131811	Soil	0.54	9.3	0.5	<0.05	0.9	47.21	28.1	0.04	<1	0.8	14.8	<10	<2
SHB1131812	Soil	0.44	11.4	0.6	<0.05	0.6	56.66	37.9	0.06	3	1.0	15.9	<10	<2
SHB1131813	Soil	0.45	5.1	0.4	<0.05	1.3	3.65	12.5	0.03	<1	0.4	11.8	<10	<2
SHB1131814	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131815	Soil	0.89	5.7	0.3	<0.05	1.0	5.28	11.9	0.05	<1	0.3	14.8	<10	<2
SHB1131816	Soil	0.72	4.0	0.4	<0.05	0.9	2.29	10.6	0.04	<1	0.3	11.9	<10	<2
SHB1131817	Soil	1.29	6.6	0.5	<0.05	0.6	18.62	25.5	0.05	<1	0.9	19.0	<10	<2
SHB1131818	Soil	0.54	7.9	0.4	<0.05	1.6	34.44	33.6	0.03	<1	1.0	16.0	<10	<2
SHB1131819	Soil	1.16	2.7	0.6	<0.05	1.5	2.09	9.0	0.03	<1	0.3	10.7	<10	<2
SHB1131820	Soil	0.73	3.4	0.5	<0.05	0.3	1.62	7.8	0.02	<1	0.1	4.5	<10	<2
SHB1131821	Soil	1.64	6.7	0.6	<0.05	0.3	3.20	8.6	0.05	<1	0.3	12.8	<10	<2
SHB1131822	Soil	0.59	6.6	0.3	<0.05	1.0	15.49	16.4	0.04	<1	0.6	14.8	<10	<2
SHB1131823	Soil	2.40	7.5	1.2	<0.05	0.3	7.98	13.4	0.05	<1	0.2	5.0	<10	<2
SHB1131824	Soil	1.00	5.1	0.4	<0.05	0.4	2.01	7.6	0.03	<1	0.3	12.9	<10	<2
SHB1131825	Soil	0.31	5.7	0.4	<0.05	1.0	15.88	14.7	0.03	<1	0.5	16.3	<10	<2
SHB1131826	Soil	0.61	5.7	0.5	<0.05	0.6	19.62	11.0	0.04	2	0.6	17.9	<10	<2
SHB1131827	Soil	1.18	6.5	0.6	<0.05	0.7	8.73	7.7	0.03	<1	0.3	23.5	<10	<2

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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131828	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131829	Soil		1.57	33.73	9.26	97.6	580	20.9	11.4	1483	3.55	11.3	2.9	2.0	0.4	90.0	0.74	0.41	0.12	70	0.47	0.111
SHB1131830	Soil		0.93	19.06	13.61	70.0	288	7.9	5.0	545	4.70	13.2	0.4	0.9	0.6	16.2	0.69	0.38	0.20	141	0.12	0.065
SHB1131831	Soil		0.74	15.98	7.56	64.0	254	16.1	6.3	221	3.46	8.8	0.4	1.1	0.7	11.5	0.26	0.30	0.11	74	0.03	0.031
SHB1131501	Soil		1.03	12.73	10.01	65.9	150	10.8	5.9	272	4.11	12.4	0.4	20.0	0.5	13.1	0.24	0.63	0.14	80	0.08	0.045
SHB1131502	Soil		0.83	14.69	10.64	60.0	197	11.4	5.9	350	4.23	12.2	0.4	1.3	0.2	12.0	0.23	0.69	0.09	73	0.08	0.133
SHB1131503	Soil		0.90	14.65	7.68	60.3	62	11.9	7.2	433	3.38	10.6	0.4	1.0	0.5	25.1	0.25	0.54	0.10	58	0.15	0.054
SHB1131504	Soil		0.92	13.12	7.33	58.8	73	11.3	6.0	401	2.69	9.1	0.4	0.6	0.3	55.7	0.18	0.43	0.10	58	0.61	0.036
SHB1131505	Soil		1.03	26.44	7.56	61.4	188	15.6	8.2	779	2.87	8.6	0.6	1.7	0.4	55.4	0.34	0.48	0.11	53	0.90	0.064
SHB1131506	Soil		1.37	26.82	10.19	88.0	186	14.0	10.2	1017	3.42	13.9	0.5	0.7	0.4	46.6	0.54	0.53	0.15	69	0.71	0.050
SHB1131507	Soil		3.45	36.54	12.66	119.9	208	19.4	17.2	3052	3.82	14.8	0.8	1.0	0.7	50.4	0.83	0.44	0.18	74	0.96	0.063
SHB1131508	Soil		0.87	12.14	7.74	72.0	122	9.8	5.8	433	3.86	11.2	0.3	<0.2	0.7	24.4	0.34	0.45	0.11	72	0.12	0.135
SHB1131509	Soil		0.85	18.99	8.56	67.3	124	15.0	8.5	514	3.60	13.0	0.5	0.8	0.4	25.0	0.25	0.58	0.10	69	0.17	0.056
SHB1131510	Soil		1.03	24.94	9.08	78.7	146	14.9	9.4	700	3.59	12.6	0.5	0.4	0.4	48.8	0.27	0.59	0.09	70	0.38	0.037
SHB1131511	Soil		0.81	17.27	7.06	69.7	79	13.0	8.4	435	3.23	11.9	0.4	1.2	0.9	20.0	0.43	0.52	0.08	56	0.13	0.043
SHB1131512	Soil		0.94	21.20	8.19	101.1	187	14.3	8.7	464	3.48	14.0	0.5	1.0	0.9	23.4	0.58	0.48	0.10	64	0.13	0.052
SHB1131513	Soil		1.17	20.22	7.35	61.7	168	10.2	5.3	331	3.56	12.4	0.6	1.2	0.4	23.6	0.36	0.52	0.10	68	0.14	0.071
SHB1131514	Soil		1.00	12.14	9.35	69.7	51	12.2	7.4	399	4.25	17.1	0.4	<0.2	1.2	25.7	0.23	0.52	0.09	79	0.15	0.072
SHB1131515	Soil		0.88	19.70	8.90	76.5	84	19.1	13.7	622	3.39	15.5	0.5	1.0	1.2	28.1	0.29	0.58	0.09	60	0.16	0.069
SHB1131516	Soil		1.86	28.99	10.20	63.4	75	14.3	7.3	386	6.17	19.6	0.9	1.0	1.4	21.7	0.22	1.15	0.12	97	0.11	0.090
SHB1131517	Soil		0.96	13.93	7.26	85.8	75	14.0	7.7	363	3.68	12.2	0.4	1.0	0.8	21.2	0.33	0.48	0.08	66	0.14	0.053
SHB1131518	Soil		1.27	42.15	8.77	96.0	508	21.2	16.5	4393	3.84	30.7	3.1	2.1	0.5	106.3	0.63	0.41	0.08	174	1.63	0.143
SHB1131519	Soil		0.70	49.08	9.88	95.3	355	19.7	13.4	1148	3.96	14.5	1.0	0.5	0.3	64.9	0.26	0.38	0.15	117	1.23	0.078
SHB1131520	Soil		0.90	15.43	7.70	63.8	103	7.8	7.5	591	3.66	8.8	0.4	0.2	0.2	26.1	0.16	0.55	0.12	114	0.36	0.069
SHB1131521	Soil		0.58	12.97	8.64	80.2	51	11.3	7.6	390	3.01	10.3	0.4	<0.2	0.7	28.6	0.15	0.46	0.12	77	0.36	0.039
SHB1131522	Soil		0.72	11.88	6.67	35.3	86	9.4	4.9	224	3.25	6.0	0.3	0.8	0.3	38.0	0.17	0.48	0.11	113	0.27	0.047
SHB1131523	Soil		0.78	20.52	9.94	99.5	269	13.8	7.7	381	4.08	13.2	0.4	<0.2	0.4	15.4	0.25	0.52	0.12	85	0.14	0.046
SHB1131524	Soil		0.58	179.3	11.81	127.5	388	20.2	8.4	1357	3.20	15.3	0.9	0.6	0.4	31.3	3.05	0.59	0.11	76	0.94	0.155
SHB1131525	Soil		0.79	68.54	10.81	121.7	946	20.1	10.7	1869	3.64	14.0	0.9	<0.2	0.3	25.4	1.21	0.44	0.11	106	0.28	0.167
SHB1131526	Soil		0.86	20.43	14.91	90.1	140	15.2	9.9	551	4.58	18.1	0.3	0.5	0.9	18.3	0.35	0.89	0.13	75	0.15	0.099

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131828	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131829	Soil	17.3	25.3	0.42	423.2	0.009	3	2.34	0.008	0.07	<0.1	6.3	0.12	0.04	89	0.2	<0.02	6.0	1.50	<0.1	0.02
SHB1131830	Soil	3.9	21.4	0.12	150.5	0.092	3	1.23	0.004	0.04	<0.1	2.4	0.06	0.02	53	0.2	0.02	11.7	0.65	<0.1	0.04
SHB1131831	Soil	2.9	23.1	0.21	161.8	0.008	3	1.73	0.003	0.05	<0.1	2.6	0.09	<0.02	63	0.2	0.04	5.1	0.81	<0.1	<0.02
SHB1131501	Soil	4.9	20.4	0.34	126.6	0.030	2	2.51	0.002	0.04	0.1	3.2	0.06	<0.02	57	0.2	0.03	8.6	1.10	<0.1	<0.02
SHB1131502	Soil	3.8	21.6	0.37	93.6	0.024	3	2.20	0.003	0.04	0.1	2.4	0.06	0.03	69	0.3	0.03	5.5	1.01	<0.1	<0.02
SHB1131503	Soil	4.7	16.6	0.34	124.8	0.038	3	1.96	0.004	0.04	<0.1	2.9	0.06	0.02	60	0.2	<0.02	4.9	0.80	<0.1	<0.02
SHB1131504	Soil	5.2	16.5	0.35	131.7	0.025	2	1.52	0.011	0.05	<0.1	3.0	0.07	<0.02	34	<0.1	0.03	4.9	0.93	<0.1	<0.02
SHB1131505	Soil	12.3	19.7	0.36	157.7	0.021	3	1.95	0.007	0.06	<0.1	3.9	0.08	0.03	78	0.3	<0.02	5.6	0.92	<0.1	0.03
SHB1131506	Soil	10.5	20.0	0.38	158.2	0.017	2	1.81	0.009	0.05	<0.1	3.6	0.10	0.02	37	0.2	0.03	6.6	1.22	<0.1	<0.02
SHB1131507	Soil	10.6	26.0	0.44	185.4	0.011	2	2.65	0.016	0.06	<0.1	4.8	0.12	0.02	50	0.3	0.02	7.6	1.72	<0.1	0.03
SHB1131508	Soil	3.9	18.3	0.27	157.0	0.035	2	2.00	0.005	0.04	0.1	2.9	0.05	<0.02	51	0.2	0.02	6.5	0.72	<0.1	<0.02
SHB1131509	Soil	6.5	19.8	0.41	132.8	0.028	2	2.12	0.004	0.04	<0.1	3.5	0.06	<0.02	51	0.2	0.04	5.8	0.90	<0.1	<0.02
SHB1131510	Soil	7.6	19.0	0.45	152.2	0.024	2	2.08	0.007	0.05	<0.1	3.6	0.07	<0.02	53	0.2	0.02	6.2	1.05	<0.1	<0.02
SHB1131511	Soil	4.0	18.1	0.35	127.3	0.024	3	2.75	0.003	0.04	<0.1	3.4	0.06	0.02	97	0.3	0.03	4.7	0.88	<0.1	0.04
SHB1131512	Soil	4.2	19.5	0.37	150.6	0.016	2	2.95	0.002	0.06	<0.1	3.6	0.07	<0.02	72	0.2	0.02	6.3	0.96	<0.1	0.03
SHB1131513	Soil	6.2	18.4	0.26	107.9	0.046	2	2.10	0.004	0.04	<0.1	3.2	0.06	0.02	80	0.2	0.02	6.2	1.08	<0.1	0.03
SHB1131514	Soil	4.4	18.8	0.33	147.9	0.045	2	2.61	0.004	0.04	0.1	3.8	0.06	<0.02	46	0.2	0.02	6.2	0.87	<0.1	0.08
SHB1131515	Soil	7.3	20.1	0.42	153.3	0.025	2	2.99	0.003	0.05	<0.1	5.1	0.09	<0.02	77	0.2	0.02	5.2	1.05	<0.1	0.07
SHB1131516	Soil	8.9	26.9	0.28	115.8	0.077	3	2.85	<0.001	0.03	0.2	5.0	0.08	0.03	131	0.3	0.04	9.0	1.11	<0.1	0.19
SHB1131517	Soil	4.0	18.9	0.37	132.3	0.039	2	2.82	0.002	0.04	<0.1	3.3	0.07	0.02	107	0.3	<0.02	6.0	0.95	<0.1	0.05
SHB1131518	Soil	31.2	33.1	0.77	1021	0.021	8	2.98	0.017	0.06	<0.1	16.2	0.17	0.08	305	1.1	<0.02	7.5	1.04	<0.1	0.19
SHB1131519	Soil	18.9	30.0	0.84	681.8	0.058	4	3.06	0.011	0.05	<0.1	9.0	0.04	0.05	106	0.3	<0.02	11.6	1.24	<0.1	0.03
SHB1131520	Soil	4.9	26.3	0.52	716.8	0.098	3	2.23	0.008	0.05	0.2	5.0	0.05	0.04	39	0.3	<0.02	9.7	0.95	<0.1	0.05
SHB1131521	Soil	5.2	17.9	0.43	160.4	0.025	3	2.04	0.007	0.04	<0.1	4.1	0.05	<0.02	33	0.2	<0.02	6.1	1.17	<0.1	<0.02
SHB1131522	Soil	4.1	24.2	0.26	171.6	0.076	3	1.42	0.005	0.03	<0.1	2.3	0.03	0.03	65	0.2	0.03	6.3	0.51	<0.1	0.04
SHB1131523	Soil	4.4	22.3	0.45	242.7	0.018	2	2.81	0.004	0.05	0.1	3.7	0.06	0.02	31	0.1	0.03	8.0	1.19	<0.1	<0.02
SHB1131524	Soil	28.4	28.3	0.47	1553	0.012	2	3.07	0.005	0.05	<0.1	6.9	0.07	0.06	88	0.1	<0.02	6.5	2.28	<0.1	0.08
SHB1131525	Soil	20.2	28.6	0.71	241.0	0.014	2	3.86	0.004	0.05	<0.1	5.2	0.06	0.07	103	0.2	<0.02	7.5	2.08	<0.1	0.04
SHB1131526	Soil	3.8	24.4	0.42	142.5	0.028	2	3.00	0.004	0.04	<0.1	4.2	0.06	0.03	77	0.3	0.03	6.0	1.35	<0.1	0.05

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131828	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131829	Soil	0.49	8.7	0.5	<0.05	0.7	28.65	22.3	0.05	<1	0.7	18.0	<10	<2
SHB1131830	Soil	4.47	5.6	1.5	<0.05	1.4	1.59	7.6	0.03	<1	0.2	5.5	<10	<2
SHB1131831	Soil	0.72	6.8	0.5	<0.05	0.6	1.90	8.3	0.04	1	0.3	18.5	<10	<2
SHB1131501	Soil	1.53	5.9	0.7	<0.05	0.5	2.76	9.7	0.04	<1	0.3	17.7	<10	<2
SHB1131502	Soil	0.85	4.4	0.4	<0.05	0.3	2.09	8.1	0.04	<1	0.2	12.0	<10	<2
SHB1131503	Soil	0.75	4.1	0.4	<0.05	0.8	3.22	11.1	0.04	<1	0.3	12.0	<10	<2
SHB1131504	Soil	0.54	4.6	0.4	<0.05	0.4	3.95	9.8	0.02	<1	0.2	18.1	<10	<2
SHB1131505	Soil	0.76	5.6	0.4	<0.05	0.7	11.41	18.3	0.04	<1	0.5	12.9	<10	<2
SHB1131506	Soil	1.56	6.5	0.8	<0.05	0.3	10.22	16.6	0.03	1	0.5	23.5	<10	<2
SHB1131507	Soil	1.29	7.0	0.7	<0.05	0.8	11.17	23.5	0.05	2	0.6	96.4	<10	<2
SHB1131508	Soil	0.73	5.1	0.5	<0.05	0.6	1.86	8.1	0.05	<1	0.3	10.7	<10	<2
SHB1131509	Soil	0.65	4.6	0.4	<0.05	0.4	5.28	14.7	0.03	<1	0.3	12.8	<10	<2
SHB1131510	Soil	0.45	5.5	0.5	<0.05	0.4	5.95	14.3	0.04	<1	0.4	11.9	<10	<2
SHB1131511	Soil	0.71	4.5	0.4	<0.05	1.3	2.25	9.1	0.05	<1	0.4	16.1	<10	<2
SHB1131512	Soil	0.76	5.6	0.4	<0.05	1.2	2.21	9.6	0.04	<1	0.4	17.4	<10	<2
SHB1131513	Soil	0.84	5.3	0.5	<0.05	1.0	4.41	13.2	0.03	<1	0.3	8.8	<10	<2
SHB1131514	Soil	0.83	5.2	0.5	<0.05	3.7	2.86	10.3	0.04	<1	0.3	15.9	<10	<2
SHB1131515	Soil	0.69	4.3	0.3	<0.05	2.0	6.73	25.2	0.04	<1	0.5	17.8	<10	<2
SHB1131516	Soil	2.36	4.1	0.5	<0.05	7.0	6.32	13.5	0.06	1	0.4	9.7	<10	<2
SHB1131517	Soil	1.28	5.9	0.4	<0.05	2.4	1.93	8.4	0.03	<1	0.4	20.6	<10	<2
SHB1131518	Soil	0.48	4.7	0.4	<0.05	5.2	116.1	25.4	0.04	1	0.9	32.8	<10	<2
SHB1131519	Soil	1.24	4.4	1.0	<0.05	1.3	38.28	22.6	0.09	<1	0.9	35.2	<10	<2
SHB1131520	Soil	0.98	3.9	0.8	<0.05	1.9	6.25	10.2	0.04	2	0.5	11.2	<10	<2
SHB1131521	Soil	0.80	5.6	0.4	<0.05	0.7	3.92	12.2	0.03	<1	0.4	18.3	<10	<2
SHB1131522	Soil	1.06	2.0	0.6	<0.05	1.0	2.75	8.7	0.02	<1	0.1	7.2	<10	<2
SHB1131523	Soil	1.44	5.7	0.7	<0.05	0.5	3.32	10.1	0.05	<1	0.5	22.7	<10	<2
SHB1131524	Soil	0.85	7.3	0.4	<0.05	1.7	52.98	37.6	0.05	<1	0.8	22.3	<10	<2
SHB1131525	Soil	0.74	4.5	0.4	<0.05	1.3	40.20	36.9	0.04	<1	0.9	35.0	<10	<2
SHB1131526	Soil	0.73	5.6	0.3	<0.05	2.4	3.07	9.5	0.06	2	0.3	18.8	<10	<2

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131527	Soil	0.88	10.31	14.73	71.5	297	7.7	4.6	383	3.97	13.3	0.3	0.3	0.2	10.9	0.27	0.71	0.20	86	0.08	0.081
SHB1131528	Soil	1.30	23.75	17.34	122.9	219	14.6	11.4	2195	3.55	11.5	0.6	7.1	0.2	24.0	0.54	0.65	0.19	80	0.21	0.063
SHB1131529	Soil	1.10	17.29	8.91	35.3	134	7.4	4.7	166	3.49	10.2	0.3	2.1	0.7	9.8	0.23	0.75	0.17	98	0.05	0.037
SHB1131530	Soil	1.16	13.88	9.71	40.7	100	7.4	5.1	196	4.99	10.6	0.4	1.0	0.9	8.7	0.19	0.67	0.18	127	0.04	0.060
SHB1131531	Soil	1.15	13.85	9.45	42.2	90	8.6	5.5	195	4.95	10.3	0.4	0.7	0.8	8.5	0.20	0.62	0.17	125	0.04	0.059
SHB1131532	Soil	1.09	14.15	10.12	125.3	177	14.0	7.4	458	3.11	8.9	0.4	0.5	0.2	25.1	0.27	0.48	0.14	64	0.31	0.034
SHB1131533	Soil	1.11	13.69	11.87	44.9	109	7.9	4.3	179	3.37	11.9	0.4	0.8	0.2	14.6	0.19	0.76	0.16	97	0.11	0.058
SHB1131534	Rock Pulp	26.34	5574	6436	>10000	70861	50.2	20.4	459	9.90	495.8	1.7	485.8	1.6	37.0	248.1	91.01	29.41	36	1.16	0.043
SHB1131535	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131536	Soil	1.21	19.93	11.94	85.7	79	14.6	10.2	497	5.06	10.4	0.4	1.1	1.2	9.2	0.27	0.62	0.13	112	0.10	0.051
SHB1131537	Soil	1.04	12.78	14.03	54.7	168	8.7	9.1	1499	3.78	6.1	0.4	0.3	0.1	22.4	0.20	0.34	0.18	123	0.28	0.126
SHB1131538	Soil	1.35	23.97	11.69	140.9	259	18.9	17.6	1040	5.53	43.5	0.5	9.3	0.3	20.2	0.59	0.61	0.13	129	0.34	0.129
SHB1131539	Soil	1.08	21.12	8.34	91.1	270	16.5	11.6	635	4.34	9.5	0.6	0.4	0.5	22.8	0.29	0.58	0.11	112	0.26	0.054
SHB1131540	Soil	0.95	63.96	22.34	102.2	691	20.0	11.2	773	3.92	19.1	1.0	1.0	0.4	38.5	0.31	0.62	0.12	108	0.85	0.107
SHB1131541	Soil	1.36	16.29	12.33	33.7	337	9.2	6.0	224	3.79	6.5	0.4	0.3	0.3	30.7	0.28	0.43	0.16	138	1.07	0.052
SHB1131542	Soil	1.01	71.31	12.83	136.5	502	24.4	16.5	3038	3.68	18.4	1.5	0.4	0.5	52.8	0.95	0.77	0.13	97	1.83	0.109
SHB1131543	Soil	0.72	33.73	12.27	115.0	147	17.7	13.7	1095	3.38	11.4	0.4	0.3	0.4	27.8	0.23	0.51	0.11	89	0.37	0.034
SHB1131544	Soil	0.94	15.88	12.88	58.6	129	12.0	6.6	492	4.16	11.6	0.3	1.1	0.1	11.3	0.14	0.61	0.12	82	0.09	0.108
SHB1131545	Soil	0.88	11.19	10.50	34.7	53	4.9	3.0	171	3.12	6.2	0.4	<0.2	0.3	13.3	0.07	0.48	0.16	80	0.08	0.030
SHB1131546	Soil	1.25	27.45	7.40	99.4	487	41.9	23.7	1453	4.48	7.5	0.7	0.5	0.1	100.6	0.45	0.28	0.09	125	1.11	0.096
SHB1131547	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131548	Soil	1.34	15.02	5.61	32.5	47	7.4	3.8	131	2.46	7.4	0.3	0.3	0.4	11.6	0.20	0.57	0.11	85	0.10	0.010
SHB1131549	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131550	Soil	1.39	16.72	11.49	86.7	127	9.9	5.9	490	3.04	10.6	0.4	0.4	0.1	31.6	0.25	0.45	0.21	78	0.42	0.038
SHB1131551	Soil	1.62	23.32	16.19	85.1	231	13.5	8.5	699	5.38	19.9	0.5	0.5	0.4	18.2	0.44	0.72	0.16	97	0.15	0.125
SHB1131552	Soil	2.19	68.05	14.82	161.6	916	32.9	14.2	996	4.37	14.1	1.2	0.7	0.3	43.5	0.62	0.74	0.15	75	0.66	0.161
SHB1131553	Soil	0.97	14.52	9.46	46.5	32	8.8	4.8	226	3.67	12.6	0.3	<0.2	0.8	12.4	0.10	0.70	0.15	93	0.07	0.126
SHB1131554	Soil	1.51	20.62	16.23	60.2	455	8.7	5.8	314	4.90	15.0	0.6	0.9	0.9	11.9	0.59	0.68	0.17	85	0.09	0.046
SHB1131555	Soil	1.72	31.85	11.08	107.4	210	22.0	11.3	589	3.51	16.6	0.6	2.4	0.4	25.1	0.32	0.77	0.20	70	0.34	0.060
SHB1131556	Soil	1.76	37.02	17.46	153.8	248	29.3	20.4	1640	4.59	22.5	0.8	7.1	0.6	59.8	0.57	0.78	0.19	88	0.83	0.097

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880 - 609 Granville St.
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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131527	Soil		3.7	15.6	0.25	84.4	0.033	2	1.66	0.005	0.03	0.1	2.0	0.05	0.02	55	0.2	0.03	6.9	0.96	<0.1	<0.02
SHB1131528	Soil		7.8	20.6	0.42	134.4	0.014	1	2.38	0.006	0.04	0.1	2.1	0.05	0.02	61	0.3	0.05	7.9	1.87	<0.1	<0.02
SHB1131529	Soil		4.8	16.1	0.17	59.0	0.054	1	1.34	0.006	0.03	0.1	2.4	0.03	0.02	93	0.2	0.05	8.3	0.68	<0.1	<0.02
SHB1131530	Soil		4.9	19.0	0.22	62.1	0.055	1	2.30	0.004	0.03	0.1	3.4	0.03	0.03	56	0.4	0.05	11.0	0.99	<0.1	0.05
SHB1131531	Soil		4.8	19.4	0.24	65.7	0.055	1	2.50	0.004	0.03	0.1	3.8	0.03	0.03	64	0.4	0.02	10.3	1.03	<0.1	0.05
SHB1131532	Soil		6.7	20.7	0.47	139.4	0.021	2	2.08	0.008	0.04	<0.1	3.5	0.04	<0.02	77	0.3	0.02	7.6	1.42	<0.1	<0.02
SHB1131533	Soil		5.0	15.5	0.19	73.7	0.064	2	1.23	0.008	0.03	0.1	2.1	0.06	0.03	62	0.3	0.04	9.1	0.65	<0.1	<0.02
SHB1131534	Rock Pulp		7.0	25.0	0.74	11.4	0.068	4	0.91	0.054	0.08	0.5	2.4	14.27	9.31	9041	89.2	0.34	6.4	0.34	0.3	0.23
SHB1131535	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131536	Soil		4.3	25.3	0.45	85.3	0.045	1	3.18	0.004	0.04	0.1	4.7	0.04	0.03	107	0.3	<0.02	9.2	1.48	<0.1	0.12
SHB1131537	Soil		5.2	17.2	0.29	127.3	0.047	1	2.13	0.008	0.05	<0.1	2.4	0.04	0.04	81	0.3	0.03	10.7	1.65	<0.1	<0.02
SHB1131538	Soil		5.7	29.7	1.12	208.7	0.087	2	3.96	0.007	0.06	<0.1	8.3	0.03	0.04	88	0.3	0.03	12.4	2.32	<0.1	0.02
SHB1131539	Soil		5.8	34.0	0.58	186.4	0.078	3	3.96	0.007	0.04	0.1	8.0	0.02	0.04	170	0.5	<0.02	9.0	1.47	<0.1	0.06
SHB1131540	Soil		16.2	29.6	0.58	209.2	0.023	2	2.85	0.009	0.06	0.1	14.4	0.04	0.06	168	0.7	0.02	7.8	1.81	<0.1	0.04
SHB1131541	Soil		4.7	35.2	0.44	80.9	0.126	2	2.11	0.010	0.02	<0.1	4.0	<0.02	0.07	78	0.4	0.02	12.6	0.36	<0.1	0.07
SHB1131542	Soil		23.4	34.7	0.68	239.8	0.023	5	3.17	0.013	0.07	0.2	17.6	0.09	0.07	116	1.0	0.04	9.2	2.23	<0.1	0.07
SHB1131543	Soil		9.3	22.8	0.53	212.7	0.034	1	1.99	0.011	0.04	<0.1	5.0	0.03	<0.02	28	0.2	0.03	6.2	1.55	<0.1	<0.02
SHB1131544	Soil		4.3	20.4	0.31	106.1	0.036	2	1.72	0.007	0.04	0.1	2.3	0.04	0.03	53	0.3	0.03	7.6	0.85	<0.1	<0.02
SHB1131545	Soil		5.4	17.2	0.13	314.4	0.075	2	0.97	0.018	0.03	0.1	2.0	0.03	0.05	48	0.2	0.03	9.4	0.35	<0.1	0.04
SHB1131546	Soil		7.9	56.7	1.73	499.0	0.085	2	5.18	0.022	0.06	<0.1	6.5	<0.02	0.09	89	0.3	0.02	13.7	1.33	<0.1	0.04
SHB1131547	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131548	Soil		5.0	14.9	0.07	98.2	0.035	2	0.70	0.007	0.02	<0.1	1.4	<0.02	<0.02	27	0.1	<0.02	4.4	0.24	<0.1	0.03
SHB1131549	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131550	Soil		7.8	16.5	0.32	162.3	0.034	1	1.44	0.009	0.04	0.1	2.1	0.02	<0.02	35	0.2	0.04	7.6	0.98	<0.1	<0.02
SHB1131551	Soil		5.7	23.5	0.36	117.9	0.044	2	2.59	0.007	0.04	0.1	3.2	0.05	0.04	125	0.4	0.05	9.0	1.33	<0.1	<0.02
SHB1131552	Soil		17.3	34.3	0.75	254.2	0.012	3	4.05	0.009	0.08	0.2	4.4	0.13	0.07	164	0.6	0.04	9.4	3.27	<0.1	0.05
SHB1131553	Soil		5.3	17.2	0.23	60.3	0.062	2	1.56	0.008	0.04	0.1	3.0	0.05	<0.02	32	0.3	0.03	9.3	0.88	<0.1	0.04
SHB1131554	Soil		6.2	25.9	0.17	132.7	0.032	1	3.20	0.005	0.03	0.2	3.6	0.04	0.04	118	0.5	0.06	8.4	0.63	<0.1	0.06
SHB1131555	Soil		9.0	26.7	0.68	148.2	0.017	2	2.18	0.008	0.06	<0.1	3.0	0.06	0.02	52	0.3	0.04	7.3	2.29	<0.1	<0.02
SHB1131556	Soil		15.3	32.4	0.70	297.9	0.023	3	3.23	0.012	0.11	0.2	6.3	0.10	0.03	84	0.4	0.07	9.4	2.54	<0.1	<0.02

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131527	Soil	0.81	5.5	0.5	<0.05	0.4	1.95	7.2	0.03	<1	0.2	10.6	<10	<2
SHB1131528	Soil	0.97	7.3	0.7	<0.05	0.7	7.37	16.7	0.10	<1	0.5	17.5	<10	<2
SHB1131529	Soil	0.98	3.1	0.6	<0.05	1.0	1.63	8.5	0.03	<1	0.1	4.8	<10	<2
SHB1131530	Soil	1.68	3.7	0.7	<0.05	2.2	2.45	8.7	0.04	<1	0.4	9.4	<10	<2
SHB1131531	Soil	1.64	3.7	0.7	<0.05	2.4	2.75	8.7	0.03	<1	0.3	11.0	<10	<2
SHB1131532	Soil	0.68	6.2	0.6	<0.05	0.2	7.20	10.6	0.05	<1	0.4	22.9	<10	<2
SHB1131533	Soil	0.92	4.4	0.8	<0.05	0.9	1.80	8.8	0.02	<1	0.1	2.7	<10	<2
SHB1131534	Rock Pulp	0.43	3.4	50.1	<0.05	6.2	6.56	13.8	3.32	16	0.2	6.7	<10	<2
SHB1131535	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131536	Soil	2.02	5.9	0.6	<0.05	5.8	2.42	8.3	0.05	<1	0.3	14.7	<10	2
SHB1131537	Soil	0.90	7.5	0.7	<0.05	0.5	2.99	9.1	0.03	<1	0.1	7.2	<10	<2
SHB1131538	Soil	1.62	7.6	0.7	<0.05	2.1	7.98	12.1	0.09	<1	0.5	26.6	<10	<2
SHB1131539	Soil	2.27	4.2	0.5	<0.05	3.2	6.64	13.6	0.06	<1	0.4	17.5	<10	<2
SHB1131540	Soil	1.29	5.5	0.6	<0.05	1.7	49.49	24.0	0.05	1	0.9	25.3	<10	<2
SHB1131541	Soil	2.44	1.6	0.9	<0.05	4.0	4.90	8.0	0.03	<1	0.2	6.0	<10	<2
SHB1131542	Soil	0.89	7.5	0.5	<0.05	1.9	49.15	26.0	0.05	<1	1.2	36.8	<10	<2
SHB1131543	Soil	0.76	7.1	0.5	<0.05	0.6	13.04	14.9	0.03	<1	0.5	16.9	<10	<2
SHB1131544	Soil	1.03	5.5	0.5	<0.05	0.4	2.00	7.7	0.03	<1	0.2	8.7	<10	<2
SHB1131545	Soil	1.30	2.3	1.1	<0.05	1.6	2.49	9.3	0.02	<1	<0.1	1.8	<10	<2
SHB1131546	Soil	2.36	3.4	0.7	<0.05	2.7	15.23	15.7	0.05	<1	0.7	30.8	<10	<2
SHB1131547	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131548	Soil	0.73	2.3	0.7	<0.05	0.6	1.31	8.6	<0.02	1	0.2	0.8	<10	<2
SHB1131549	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131550	Soil	1.17	6.6	0.9	<0.05	0.2	5.08	11.9	0.03	<1	0.3	11.4	<10	<2
SHB1131551	Soil	1.54	5.5	0.6	<0.05	0.8	4.06	11.9	0.07	<1	0.7	14.5	<10	<2
SHB1131552	Soil	1.39	9.1	0.7	<0.05	1.0	19.08	23.1	0.05	<1	1.3	36.0	<10	<2
SHB1131553	Soil	1.29	4.5	0.6	<0.05	1.6	1.91	9.1	<0.02	<1	0.1	4.4	<10	<2
SHB1131554	Soil	2.67	3.8	0.7	<0.05	3.2	3.53	10.7	0.04	<1	0.4	12.9	<10	<2
SHB1131555	Soil	0.50	8.1	0.5	<0.05	0.3	6.00	16.2	0.04	<1	0.4	20.0	<10	<2
SHB1131556	Soil	0.55	10.9	0.5	<0.05	0.5	17.15	17.9	0.07	<1	0.7	24.9	<10	<2

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131557	Soil	1.12	45.15	12.15	105.9	426	23.0	13.0	500	3.76	10.5	0.9	0.7	0.4	34.7	0.60	0.46	0.12	70	0.35	0.049
SHB1131558	Soil	0.77	22.44	12.81	109.2	215	14.3	8.7	494	3.16	9.7	0.6	0.3	0.5	33.6	0.32	0.48	0.14	74	0.65	0.033
SHB1131559	Soil	1.18	23.48	13.13	118.6	89	18.6	14.0	1097	4.99	12.7	0.5	0.3	0.2	20.4	0.18	0.64	0.13	101	0.32	0.063
SHB1131560	Soil	1.27	23.96	8.68	144.9	229	26.3	22.0	740	5.00	11.3	0.6	0.3	0.3	33.8	0.43	0.48	0.13	135	0.58	0.084
SHB1131561	Soil	1.00	23.28	11.77	113.7	152	16.8	11.3	569	3.38	9.1	0.5	0.3	0.6	25.7	0.14	0.41	0.14	84	0.22	0.050
SHB1131562	Soil	0.94	15.32	4.70	62.3	170	9.1	12.7	746	4.37	3.8	0.4	<0.2	<0.1	67.6	0.22	0.25	0.10	116	0.33	0.128
SHB1131563	Soil	1.15	26.80	7.61	71.5	199	10.3	10.0	783	4.14	7.0	0.6	1.1	0.3	33.1	0.27	0.46	0.10	137	0.40	0.065
SHB1131564	Soil	1.10	73.97	15.94	127.9	492	18.8	14.1	2060	4.31	19.5	1.3	1.9	0.4	52.2	0.64	1.12	0.37	136	1.12	0.232
SHB1131565	Soil	0.92	33.26	15.30	175.4	200	22.9	18.7	1177	4.99	14.2	0.7	1.5	0.3	88.8	0.48	1.21	0.22	124	0.86	0.074
SHB1131566	Soil	1.07	29.13	20.54	120.9	175	15.5	9.6	1208	3.37	12.1	0.9	0.3	0.4	36.6	0.31	0.79	0.15	84	0.69	0.100
SHB1131567	Soil	1.47	16.84	16.59	69.2	122	13.6	6.9	297	4.74	13.9	0.6	1.0	0.7	17.9	0.24	0.97	0.11	79	0.22	0.045
SHB1131568	Soil	1.17	100.4	14.48	197.9	1345	21.2	10.4	3931	3.08	13.0	1.4	2.7	0.5	39.9	1.39	1.29	0.24	90	1.78	0.274
SHB1131569	Soil	1.32	13.86	13.78	50.6	99	6.7	3.9	159	2.65	7.7	0.4	0.8	0.1	23.7	0.19	0.79	0.18	78	0.29	0.038
SHB1131570	Soil	1.35	20.75	13.80	78.8	139	12.4	6.7	306	4.37	14.6	0.5	0.6	0.2	20.5	0.45	1.15	0.13	82	0.21	0.047
SHB1131571	Soil	1.56	48.35	49.13	275.3	488	13.2	7.2	314	4.24	16.9	0.5	3.2	0.2	21.2	1.52	1.51	0.27	80	0.24	0.047
SHB1131572	Rock Pulp	22.73	5260	6157	>10000	65506	43.9	17.7	423	8.88	459.9	1.7	445.3	1.7	36.2	220.7	93.72	30.67	34	1.08	0.043
SHB1131573	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131574	Soil	1.63	34.97	9.91	36.6	262	2.5	2.4	138	2.17	3.6	0.7	1.4	<0.1	11.5	0.35	0.66	0.28	68	0.08	0.063
SHB1131575	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
CHB1131576	Soil	3.03	40.57	14.52	124.4	592	15.6	10.3	1321	2.83	14.6	1.0	1.7	0.2	37.3	1.08	0.87	0.24	64	0.95	0.156
CHB1131577	Soil	3.03	47.06	15.40	138.2	415	14.8	10.7	1519	3.46	21.2	1.3	5.2	0.2	57.8	0.82	1.29	0.29	107	1.67	0.204
CHB1131578	Soil	4.02	70.17	22.04	165.8	126	20.5	13.9	764	3.75	42.6	1.1	3.1	2.0	37.7	1.65	1.95	0.16	89	0.53	0.042
CHB1131832	Soil	0.65	40.89	12.12	150.5	75	15.8	17.0	1654	4.70	9.9	0.5	1.8	1.0	36.5	0.44	0.67	0.05	151	0.74	0.068

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

CERTIFICATE OF ANALYSIS SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131557	Soil	10.9	26.9	0.57	198.1	0.024	3	2.85	0.009	0.07	<0.1	4.1	0.05	0.03	73	0.3	0.05	7.9	1.66	<0.1	<0.02
SHB1131558	Soil	13.1	20.5	0.44	468.1	0.027	2	1.86	0.011	0.04	0.1	5.1	0.05	<0.02	47	0.3	0.03	6.7	1.07	<0.1	<0.02
SHB1131559	Soil	6.0	26.7	0.61	245.1	0.019	<1	2.78	0.009	0.06	<0.1	3.6	0.03	0.04	54	0.2	0.04	10.3	1.37	<0.1	<0.02
SHB1131560	Soil	5.2	41.6	0.98	1370	0.059	3	4.46	0.008	0.07	0.1	5.8	0.04	0.05	101	0.4	0.03	13.0	2.30	<0.1	0.04
SHB1131561	Soil	5.7	22.4	0.46	301.1	0.028	1	3.34	0.006	0.05	0.1	5.1	0.05	0.02	72	0.4	<0.02	8.2	1.50	<0.1	0.03
SHB1131562	Soil	3.7	16.7	0.49	620.0	0.067	2	3.54	0.007	0.04	0.1	3.1	<0.02	0.07	123	0.5	0.02	9.3	1.15	<0.1	0.02
SHB1131563	Soil	6.6	17.8	0.44	247.0	0.137	2	3.40	0.008	0.03	<0.1	5.2	<0.02	0.06	98	0.5	0.04	9.3	1.12	<0.1	0.08
SHB1131564	Soil	18.1	29.2	0.67	337.6	0.024	5	3.55	0.007	0.08	0.1	9.5	0.19	0.10	144	0.5	0.06	9.8	2.73	0.1	0.07
SHB1131565	Soil	9.7	32.3	1.10	560.2	0.050	5	3.83	0.006	0.09	0.1	7.0	0.21	0.05	38	0.1	0.02	11.6	2.60	<0.1	<0.02
SHB1131566	Soil	12.0	24.5	0.52	207.4	0.019	2	2.40	0.007	0.06	0.1	5.3	0.12	0.05	66	<0.1	<0.02	6.8	1.96	<0.1	0.02
SHB1131567	Soil	5.5	25.9	0.43	229.0	0.038	2	2.71	0.003	0.03	0.2	3.8	0.10	0.05	94	0.2	<0.02	6.6	0.94	<0.1	0.03
SHB1131568	Soil	35.0	30.5	0.55	307.5	0.017	7	3.02	0.008	0.08	<0.1	9.4	0.35	0.17	318	1.9	<0.02	6.2	2.78	<0.1	0.17
SHB1131569	Soil	6.5	15.2	0.21	145.6	0.025	<1	1.27	0.006	0.03	0.1	2.2	0.09	0.03	41	<0.1	0.07	8.1	0.53	<0.1	<0.02
SHB1131570	Soil	5.1	20.3	0.41	144.9	0.030	2	1.92	0.005	0.03	0.1	2.7	0.10	0.05	85	<0.1	<0.02	7.5	0.85	<0.1	<0.02
SHB1131571	Soil	5.2	20.3	0.45	143.0	0.027	2	1.94	0.005	0.04	0.1	2.7	0.16	0.09	99	0.5	0.04	7.5	0.93	<0.1	<0.02
SHB1131572	Rock Pulp	6.3	24.3	0.68	9.1	0.058	3	0.83	0.048	0.08	0.5	2.4	13.90	8.75	7823	81.9	0.35	5.8	0.31	0.4	0.19
SHB1131573	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131574	Soil	5.6	7.5	0.14	64.9	0.048	<1	1.28	0.005	0.04	0.2	1.7	0.11	0.07	85	<0.1	0.06	5.6	1.14	<0.1	0.03
SHB1131575	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
CHB1131576	Soil	13.9	27.2	0.45	156.8	0.010	5	2.28	0.005	0.05	0.1	3.2	0.19	0.10	131	0.7	0.06	6.4	2.63	<0.1	0.02
CHB1131577	Soil	17.8	39.5	0.57	170.3	0.017	11	2.62	0.004	0.05	0.2	4.5	0.24	0.16	132	0.5	0.02	7.4	4.10	<0.1	0.03
CHB1131578	Soil	14.5	31.8	0.83	232.4	0.080	2	2.25	0.013	0.08	<0.1	11.4	0.12	<0.02	58	<0.1	0.03	7.5	1.72	<0.1	0.14
CHB1131832	Soil	8.7	20.7	1.09	178.7	0.155	4	1.62	0.019	0.05	<0.1	9.7	0.09	0.02	33	0.1	<0.02	6.8	0.83	<0.1	0.08

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131557	Soil	1.10	6.8	0.6	<0.05	0.5	9.79	17.0	0.05	<1	0.8	17.8	<10	<2
SHB1131558	Soil	0.86	5.7	0.5	<0.05	0.6	15.92	17.8	0.03	<1	0.6	17.7	<10	<2
SHB1131559	Soil	0.98	5.9	0.7	<0.05	0.2	6.88	19.7	0.06	<1	0.6	25.6	<10	<2
SHB1131560	Soil	1.89	7.6	0.8	<0.05	1.7	6.81	13.4	0.09	<1	0.6	34.5	<10	<2
SHB1131561	Soil	1.56	6.7	0.6	<0.05	1.2	4.98	11.6	0.06	<1	0.4	21.6	<10	<2
SHB1131562	Soil	3.09	3.9	0.5	<0.05	1.6	4.64	7.3	0.04	<1	0.6	13.8	<10	<2
SHB1131563	Soil	2.02	4.4	0.6	<0.05	4.5	8.88	13.2	0.06	<1	0.4	12.6	<10	<2
SHB1131564	Soil	1.18	7.9	1.0	<0.05	1.4	53.23	27.0	0.12	<1	1.1	27.7	<10	<2
SHB1131565	Soil	1.09	9.3	0.9	<0.05	0.4	10.67	19.6	0.07	<1	0.6	27.1	<10	<2
SHB1131566	Soil	0.78	8.5	0.8	<0.05	0.6	21.26	22.9	0.06	<1	0.7	20.0	<10	<2
SHB1131567	Soil	1.89	3.9	0.6	<0.05	1.9	6.54	8.0	0.06	<1	0.3	17.2	<10	<2
SHB1131568	Soil	1.24	10.3	0.8	<0.05	4.8	91.03	20.7	0.05	1	1.1	16.8	<10	<2
SHB1131569	Soil	1.16	2.9	1.0	<0.05	0.3	5.73	10.5	0.03	<1	0.2	5.9	<10	<2
SHB1131570	Soil	0.93	3.0	0.6	<0.05	0.5	4.24	9.3	0.04	<1	0.4	14.9	<10	<2
SHB1131571	Soil	0.92	3.2	0.9	<0.05	0.5	4.48	9.6	0.07	<1	0.3	15.7	<10	<2
SHB1131572	Rock Pulp	0.37	3.2	51.2	<0.05	4.9	6.06	12.9	3.19	17	<0.1	6.3	<10	<2
SHB1131573	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
SHB1131574	Soil	0.98	4.3	0.8	<0.05	1.0	4.35	9.6	0.04	<1	0.2	2.7	<10	<2
SHB1131575	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
CHB1131576	Soil	0.69	7.8	0.6	<0.05	0.6	18.01	15.1	0.04	<1	0.6	15.7	<10	<2
CHB1131577	Soil	0.98	10.0	0.9	<0.05	0.6	25.34	17.5	0.06	<1	0.7	18.0	<10	<2
CHB1131578	Soil	0.14	5.2	0.6	<0.05	4.9	21.63	24.2	0.06	<1	0.6	17.2	<10	<2
CHB1131832	Soil	0.14	3.2	0.5	<0.05	3.3	16.85	17.0	0.05	<1	0.4	17.1	<10	<2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
SHB1050191	Soil	2.48	11.13	8.11	86.0	258	6.2	4.4	209	3.23	23.5	0.1	0.7	0.5	7.3	0.35	0.78	0.14	81	0.08	0.033
REP SHB1050191	QC	2.51	11.18	8.51	89.9	241	6.6	4.7	211	3.30	23.9	0.1	1.9	0.6	7.4	0.32	0.80	0.14	84	0.09	0.033
SHB1050200	Soil	1.19	24.82	15.23	126.9	504	7.7	7.5	503	2.83	26.3	0.3	1.3	0.7	16.6	0.40	0.79	0.15	53	0.32	0.022
REP SHB1050200	QC	1.26	25.75	15.43	136.1	505	7.4	7.4	513	2.89	26.8	0.3	0.9	0.8	16.9	0.38	0.82	0.18	55	0.33	0.023
SHB1050217	Rock Pulp	21.11	4920	5809	>10000	62973	41.6	17.2	400	8.79	441.0	1.2	444.0	1.1	28.6	189.5	44.38	21.66	32	1.02	0.039
REP SHB1050217	QC	20.80	4980	5715	>10000	62562	42.1	17.4	401	8.81	444.7	1.3	439.9	1.3	29.7	187.8	44.69	21.88	33	1.02	0.041
SHB1050242	Soil	1.01	15.15	9.87	78.4	66	11.3	6.3	342	4.39	14.9	0.4	1.1	0.6	12.2	0.24	0.75	0.11	73	0.08	0.081
REP SHB1050242	QC	1.06	15.35	9.88	77.2	84	11.3	6.2	351	4.48	14.6	0.4	1.9	0.7	12.4	0.24	0.74	0.16	74	0.11	0.077
SHB1131764	Soil	0.83	17.05	9.33	113.3	60	20.5	10.7	463	3.47	12.5	0.4	1.4	1.1	24.9	0.38	0.57	0.08	70	0.17	0.042
REP SHB1131764	QC	0.82	16.28	8.81	106.2	46	19.0	9.9	448	3.35	12.1	0.4	1.4	1.0	23.3	0.38	0.52	0.08	69	0.16	0.039
SHB1131781	Soil	0.81	9.96	8.02	46.2	50	11.6	3.6	137	3.36	8.0	0.3	1.5	0.6	9.2	0.07	0.41	0.12	77	0.02	0.109
REP SHB1131781	QC	0.76	9.56	7.58	45.2	49	11.3	3.5	133	3.14	7.7	0.3	0.8	0.6	9.3	0.08	0.38	0.10	73	0.02	0.111
SHB1131790	Soil	0.57	7.43	7.16	64.5	133	6.2	2.8	136	2.32	6.1	0.2	2.6	0.4	8.5	0.25	0.30	0.16	62	0.04	0.035
REP SHB1131790	QC	0.57	6.97	7.24	61.2	119	5.7	2.6	133	2.31	5.8	0.2	2.9	0.3	8.1	0.25	0.30	0.23	60	0.03	0.033
SHB1131806	Soil	0.70	19.41	7.48	92.7	81	22.3	10.6	280	3.26	10.2	0.3	0.5	1.4	21.3	0.20	0.48	0.07	68	0.14	0.038
REP SHB1131806	QC	0.70	18.94	7.19	92.1	81	22.0	10.3	281	3.17	10.0	0.3	0.8	1.4	20.7	0.20	0.43	0.06	66	0.14	0.036
SHB1131831	Soil	0.74	15.98	7.56	64.0	254	16.1	6.3	221	3.46	8.8	0.4	1.1	0.7	11.5	0.26	0.30	0.11	74	0.03	0.031
REP SHB1131831	QC	0.70	15.70	7.45	65.3	247	16.1	6.1	225	3.44	8.8	0.4	0.9	0.7	11.1	0.25	0.30	0.11	74	0.03	0.030
SHB1131524	Soil	0.58	179.3	11.81	127.5	388	20.2	8.4	1357	3.20	15.3	0.9	0.6	0.4	31.3	3.05	0.59	0.11	76	0.94	0.155
REP SHB1131524	QC	0.60	180.8	11.55	130.8	388	20.0	8.2	1332	3.18	15.3	0.8	0.7	0.5	31.1	3.05	0.56	0.11	76	0.93	0.154
SHB1131539	Soil	1.08	21.12	8.34	91.1	270	16.5	11.6	635	4.34	9.5	0.6	0.4	0.5	22.8	0.29	0.58	0.11	112	0.26	0.054
REP SHB1131539	QC	0.97	20.15	7.45	88.4	265	16.1	11.3	620	4.32	9.3	0.5	0.5	0.5	22.0	0.25	0.55	0.09	112	0.26	0.055
SHB1131541	Soil	1.36	16.29	12.33	33.7	337	9.2	6.0	224	3.79	6.5	0.4	0.3	0.3	30.7	0.28	0.43	0.16	138	1.07	0.052
REP SHB1131541	QC	1.22	15.37	11.46	30.7	295	8.2	5.7	207	3.53	5.9	0.4	1.4	0.3	27.5	0.27	0.38	0.15	126	0.98	0.046
SHB1131567	Soil	1.47	16.84	16.59	69.2	122	13.6	6.9	297	4.74	13.9	0.6	1.0	0.7	17.9	0.24	0.97	0.11	79	0.22	0.045
REP SHB1131567	QC	1.49	16.97	16.29	69.9	117	13.5	6.5	294	4.68	13.6	0.6	1.9	0.7	18.4	0.24	0.92	0.12	79	0.21	0.044
Reference Materials																					
STD DS8	Standard	13.13	108.4	118.8	304.7	1766	36.6	7.3	600	2.38	23.8	2.7	105.0	7.0	65.1	2.26	5.41	5.85	41	0.71	0.078

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
SHB1050191	Soil	4.8	12.0	0.23	39.0	0.017	1	1.08	0.005	0.04	0.1	2.4	0.04	<0.02	35	0.1	<0.02	5.6	0.71	<0.1	<0.02
REP SHB1050191	QC	5.0	12.7	0.24	41.5	0.018	1	1.11	0.005	0.04	0.1	2.5	0.04	<0.02	42	<0.1	<0.02	6.0	0.73	<0.1	<0.02
SHB1050200	Soil	12.5	11.7	0.41	97.5	0.014	<1	1.44	0.007	0.05	<0.1	4.3	0.06	<0.02	34	0.2	<0.02	4.3	1.00	<0.1	0.02
REP SHB1050200	QC	13.0	12.2	0.43	103.6	0.018	1	1.51	0.008	0.06	<0.1	4.6	0.07	<0.02	36	<0.1	<0.02	4.5	1.11	<0.1	0.02
SHB1050217	Rock Pulp	4.8	22.3	0.64	12.8	0.047	5	0.78	0.051	0.08	0.5	2.4	11.63	8.39	4069	70.6	0.26	5.2	0.27	0.2	0.16
REP SHB1050217	QC	4.8	22.2	0.64	12.9	0.048	5	0.79	0.051	0.08	0.5	2.4	11.77	8.47	4867	72.4	0.26	5.3	0.28	0.3	0.15
SHB1050242	Soil	4.7	22.7	0.31	100.7	0.029	2	2.61	0.004	0.03	0.1	3.4	0.06	<0.02	74	0.3	<0.02	6.5	1.00	<0.1	0.03
REP SHB1050242	QC	4.4	22.8	0.32	98.4	0.027	2	2.69	0.005	0.03	0.1	3.6	0.08	<0.02	93	0.2	0.03	6.6	0.95	<0.1	0.04
SHB1131764	Soil	4.6	23.9	0.44	199.1	0.051	3	2.41	0.007	0.05	<0.1	3.5	0.05	<0.02	77	<0.1	<0.02	5.2	1.28	<0.1	0.02
REP SHB1131764	QC	4.3	22.4	0.41	188.2	0.045	2	2.33	0.007	0.05	<0.1	3.3	0.05	<0.02	71	0.2	<0.02	4.9	1.15	<0.1	0.03
SHB1131781	Soil	3.2	21.3	0.12	57.3	0.012	2	1.33	0.004	0.03	<0.1	1.9	0.09	<0.02	52	<0.1	0.02	6.3	0.74	<0.1	<0.02
REP SHB1131781	QC	3.2	19.9	0.12	54.6	0.012	3	1.25	0.004	0.03	<0.1	1.7	0.09	<0.02	42	<0.1	0.04	5.9	0.75	<0.1	<0.02
SHB1131790	Soil	3.1	13.1	0.14	115.1	0.017	1	1.11	0.006	0.02	<0.1	1.5	0.03	<0.02	70	0.1	<0.02	5.9	0.32	<0.1	<0.02
REP SHB1131790	QC	3.1	12.3	0.13	111.2	0.015	<1	1.05	0.005	0.02	0.1	1.3	0.04	<0.02	58	<0.1	0.03	5.7	0.31	<0.1	<0.02
SHB1131806	Soil	3.6	25.2	0.45	169.5	0.031	2	2.82	0.006	0.05	<0.1	4.1	0.06	<0.02	72	0.2	0.02	4.7	1.17	<0.1	0.11
REP SHB1131806	QC	3.6	25.0	0.45	164.1	0.032	2	2.77	0.006	0.04	<0.1	4.0	0.05	<0.02	73	0.2	<0.02	4.8	1.16	<0.1	0.09
SHB1131831	Soil	2.9	23.1	0.21	161.8	0.008	3	1.73	0.003	0.05	<0.1	2.6	0.09	<0.02	63	0.2	0.04	5.1	0.81	<0.1	<0.02
REP SHB1131831	QC	2.9	23.1	0.22	155.3	0.007	3	1.85	0.003	0.05	<0.1	2.7	0.09	<0.02	63	0.1	0.03	5.1	0.80	<0.1	<0.02
SHB1131524	Soil	28.4	28.3	0.47	1553	0.012	2	3.07	0.005	0.05	<0.1	6.9	0.07	0.06	88	0.1	<0.02	6.5	2.28	<0.1	0.08
REP SHB1131524	QC	27.5	27.8	0.47	1571	0.013	2	3.10	0.006	0.06	<0.1	7.2	0.07	0.05	102	0.2	<0.02	6.5	2.28	<0.1	0.08
SHB1131539	Soil	5.8	34.0	0.58	186.4	0.078	3	3.96	0.007	0.04	0.1	8.0	0.02	0.04	170	0.5	<0.02	9.0	1.47	<0.1	0.06
REP SHB1131539	QC	5.5	34.4	0.58	183.9	0.075	2	3.99	0.006	0.04	<0.1	7.9	<0.02	0.04	159	0.5	0.03	9.1	1.41	<0.1	0.05
SHB1131541	Soil	4.7	35.2	0.44	80.9	0.126	2	2.11	0.010	0.02	<0.1	4.0	<0.02	0.07	78	0.4	0.02	12.6	0.36	<0.1	0.07
REP SHB1131541	QC	4.4	31.5	0.39	75.4	0.119	3	1.94	0.010	0.02	<0.1	3.7	<0.02	0.06	83	0.3	0.02	11.8	0.35	<0.1	0.07
SHB1131567	Soil	5.5	25.9	0.43	229.0	0.038	2	2.71	0.003	0.03	0.2	3.8	0.10	0.05	94	0.2	<0.02	6.6	0.94	<0.1	0.03
REP SHB1131567	QC	5.6	27.5	0.43	228.2	0.041	2	2.71	0.004	0.04	0.1	3.9	0.10	0.05	122	0.1	0.03	6.9	0.96	<0.1	0.05
Reference Materials																					
STD DS8	Standard	15.8	118.4	0.61	270.2	0.114	3	0.98	0.103	0.42	2.8	2.3	5.23	0.16	182	4.9	4.64	4.7	2.28	<0.1	0.09

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Project: Hudson Bay Mountain
Report Date: November 05, 2011

QUALITY CONTROL REPORT SMI11000292.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
SHB1050191	Soil	0.58	5.1	0.4	<0.05	0.4	1.94	9.9	0.03	1	0.1	11.2	<10	<2
REP SHB1050191	QC	0.60	4.8	0.4	<0.05	0.4	2.02	10.5	<0.02	<1	0.1	11.8	<10	<2
SHB1050200	Soil	0.44	6.8	0.3	<0.05	1.2	13.91	15.4	0.04	<1	0.4	12.5	<10	<2
REP SHB1050200	QC	0.46	7.0	0.3	<0.05	1.1	14.58	16.0	0.04	<1	0.4	13.4	<10	<2
SHB1050217	Rock Pulp	0.36	2.6	39.8	<0.05	4.2	4.94	11.0	2.44	12	0.2	5.8	<10	<2
REP SHB1050217	QC	0.39	2.9	41.6	<0.05	4.7	5.03	11.1	2.45	13	0.2	5.7	<10	<2
SHB1050242	Soil	1.33	4.4	0.5	<0.05	0.9	2.51	10.2	0.05	<1	0.3	19.2	<10	<2
REP SHB1050242	QC	1.34	4.2	0.4	<0.05	1.6	2.37	9.6	0.05	<1	0.3	18.9	<10	<2
SHB1131764	Soil	0.63	6.9	0.4	<0.05	1.1	3.18	11.9	0.05	<1	0.4	14.3	<10	<2
REP SHB1131764	QC	0.60	6.5	0.4	<0.05	1.2	3.01	11.0	0.04	<1	0.4	13.5	<10	<2
SHB1131781	Soil	0.77	5.2	0.6	<0.05	0.4	0.90	6.2	0.02	<1	<0.1	5.5	<10	<2
REP SHB1131781	QC	0.75	5.1	0.6	<0.05	0.3	0.88	6.0	0.02	<1	0.1	5.4	<10	<2
SHB1131790	Soil	0.77	2.3	0.5	<0.05	0.2	1.10	6.8	0.02	<1	0.1	6.7	<10	<2
REP SHB1131790	QC	0.73	2.0	0.6	<0.05	0.2	1.03	6.5	0.02	<1	<0.1	6.3	<10	<2
SHB1131806	Soil	0.56	5.7	0.3	<0.05	3.8	2.75	9.1	0.03	<1	0.4	15.7	<10	<2
REP SHB1131806	QC	0.55	5.5	0.3	<0.05	3.7	2.79	8.8	0.04	<1	0.3	15.3	<10	<2
SHB1131831	Soil	0.72	6.8	0.5	<0.05	0.6	1.90	8.3	0.04	1	0.3	18.5	<10	<2
REP SHB1131831	QC	0.73	6.6	0.5	<0.05	0.6	1.92	8.3	0.04	<1	0.3	20.2	<10	<2
SHB1131524	Soil	0.85	7.3	0.4	<0.05	1.7	52.98	37.6	0.05	<1	0.8	22.3	<10	<2
REP SHB1131524	QC	0.86	7.4	0.4	<0.05	1.9	52.40	36.6	0.05	<1	0.7	22.4	<10	<2
SHB1131539	Soil	2.27	4.2	0.5	<0.05	3.2	6.64	13.6	0.06	<1	0.4	17.5	<10	<2
REP SHB1131539	QC	2.15	4.0	0.5	<0.05	3.2	6.45	13.6	0.06	<1	0.5	17.2	<10	<2
SHB1131541	Soil	2.44	1.6	0.9	<0.05	4.0	4.90	8.0	0.03	<1	0.2	6.0	<10	<2
REP SHB1131541	QC	2.21	1.5	0.8	<0.05	3.2	4.33	7.6	0.03	<1	0.2	5.6	<10	<2
SHB1131567	Soil	1.89	3.9	0.6	<0.05	1.9	6.54	8.0	0.06	<1	0.3	17.2	<10	<2
REP SHB1131567	QC	1.85	4.0	0.6	<0.05	1.7	6.54	8.3	0.06	1	0.3	17.9	<10	<2
Reference Materials														
STD DS8	Standard	1.40	36.2	6.5	<0.05	2.0	6.05	28.3	2.11	57	4.9	27.6	113	338

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QUALITY CONTROL REPORT SMI11000292.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
STD DS8	Standard	12.47	106.4	117.8	303.3	1658	37.2	7.2	612	2.47	24.1	2.7	101.9	6.2	62.9	2.22	5.32	5.99	40	0.69	0.079
STD DS8	Standard	12.68	101.4	114.1	291.7	1677	35.7	6.9	593	2.28	22.4	2.5	105.6	7.3	58.3	2.08	4.75	5.71	38	0.67	0.073
STD DS8	Standard	12.89	105.8	121.0	313.3	1834	37.7	7.4	598	2.38	23.5	2.6	107.4	7.2	60.1	2.22	5.02	6.01	40	0.69	0.078
STD DS8	Standard	12.42	98.88	118.6	299.6	1689	35.2	6.6	576	2.33	24.5	2.5	109.8	6.7	63.7	2.26	5.13	5.97	39	0.66	0.080
STD DS8	Standard	13.14	118.8	114.9	299.2	1582	38.8	7.9	572	2.40	21.9	2.6	95.1	6.7	56.3	2.14	4.66	6.04	40	0.67	0.070
STD DS8	Standard	12.58	118.7	126.9	312.2	1729	37.7	7.5	598	2.50	23.0	3.0	117.9	7.2	62.5	2.23	5.59	7.03	41	0.70	0.075
STD DS8	Standard	11.71	106.3	114.2	320.0	2219	37.5	7.6	583	2.40	23.7	2.5	110.0	5.8	53.7	2.25	4.38	6.08	40	0.66	0.071
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	0.4	<0.1	<0.5	0.04	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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Report Date: November 05, 2011

QUALITY CONTROL REPORT SMI11000292.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
STD DS8	Standard	14.1	116.1	0.61	256.7	0.109	3	0.92	0.092	0.41	2.6	2.0	5.06	0.16	212	4.9	4.54	4.6	2.30	<0.1	0.08
STD DS8	Standard	14.0	112.2	0.57	250.9	0.103	2	0.87	0.088	0.39	2.8	2.2	5.21	0.15	184	5.2	5.14	4.5	2.35	<0.1	0.06
STD DS8	Standard	14.0	118.4	0.60	256.1	0.106	2	0.96	0.099	0.42	2.8	2.2	5.44	0.15	228	5.3	5.22	4.6	2.40	0.1	0.07
STD DS8	Standard	14.4	109.4	0.59	259.7	0.102	3	0.88	0.082	0.39	2.7	2.1	5.17	0.15	167	4.8	4.61	4.4	2.20	<0.1	0.09
STD DS8	Standard	13.9	116.9	0.59	228.9	0.120	3	0.87	0.082	0.40	2.7	2.0	4.79	0.16	173	4.5	4.55	4.5	2.28	<0.1	0.08
STD DS8	Standard	15.0	116.6	0.61	252.3	0.108	2	0.91	0.081	0.41	2.9	2.1	5.26	0.17	179	5.0	4.91	4.6	2.33	<0.1	0.09
STD DS8	Standard	11.0	113.9	0.57	237.0	0.095	2	0.84	0.084	0.41	2.8	1.8	5.15	0.16	205	4.9	4.62	4.2	2.22	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
STD DS8	Standard	1.34	36.5	6.5	<0.05	1.7	5.55	25.9	2.08	44	4.8	27.2	115	310
STD DS8	Standard	1.27	36.5	6.0	<0.05	1.6	5.79	27.0	2.04	49	4.9	25.0	115	332
STD DS8	Standard	1.29	38.4	6.2	<0.05	1.7	5.77	25.9	2.14	59	5.0	26.0	122	363
STD DS8	Standard	1.15	35.2	6.5	<0.05	1.8	5.55	26.0	2.05	59	4.8	27.5	122	334
STD DS8	Standard	1.15	36.2	6.0	<0.05	2.0	5.41	22.9	2.08	56	5.6	24.5	93	300
STD DS8	Standard	1.24	35.7	7.1	<0.05	1.7	6.04	25.0	2.23	50	4.6	26.0	108	332
STD DS8	Standard	1.26	35.3	6.2	<0.05	1.5	4.70	20.8	1.93	59	4.5	24.8	117	324
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

Acme Analytical Laboratories (Vancouver) Ltd.
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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: September 02, 2011
Report Date: October 08, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS SMI11000399.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mountain
Shipment ID: HBM5
P.O. Number
Number of Samples: 114

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	113	Dry at 60C			SMI
SS80	109	Dry at 60C sieve 100g to -80 mesh			SMI
RJSV	111	Saving all or part of Soil Reject			SMI
1F05	113	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Lorie Farrell
Blair McIntyre

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: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131579	Soil		1.10	37.79	10.52	84.1	114	23.8	13.2	959	4.10	14.2	0.6	3.4	0.9	39.5	0.22	0.46	0.33	56	0.56	0.055
SHB1131580	Soil		1.11	30.14	9.63	66.8	252	15.3	12.1	785	3.49	11.4	0.3	1.2	0.7	47.2	0.45	0.43	0.26	54	0.60	0.028
SHB1131581	Soil		0.85	21.14	7.22	73.5	53	15.1	8.6	318	3.48	12.4	0.3	1.2	0.8	21.9	0.14	0.44	0.14	50	0.23	0.023
SHB1131582	Soil		0.93	36.02	8.05	77.2	178	19.9	12.7	686	3.64	11.1	0.4	2.3	0.7	50.8	0.22	0.39	0.18	53	0.67	0.041
SHB1131583	Soil		0.91	38.88	7.11	68.7	354	18.1	8.2	1074	2.43	11.9	0.7	0.7	0.4	70.8	0.46	0.70	0.22	40	1.08	0.057
SHB1131584	Soil		1.00	29.94	7.74	148.8	193	17.1	10.2	818	2.80	10.4	0.3	1.1	0.3	34.0	1.14	0.39	0.20	48	0.42	0.050
SHB1131585	Soil		1.20	41.62	6.81	136.3	332	16.5	7.8	1117	1.92	7.7	0.3	0.4	0.2	80.1	0.87	0.39	0.17	30	1.23	0.063
SHB1131586	Soil		1.06	28.80	9.14	72.6	181	19.3	12.3	1331	3.34	13.5	0.5	1.6	0.7	30.8	0.24	0.61	0.12	64	0.39	0.044
SHB1131587	Soil		1.04	14.91	6.86	67.5	76	13.0	7.5	262	3.40	14.8	0.2	0.8	0.6	19.4	0.23	0.46	0.13	67	0.21	0.034
SHB1131588	Soil		1.76	120.9	16.88	112.4	1675	37.8	16.9	2327	3.88	23.4	1.4	3.3	1.0	95.1	0.77	1.12	0.30	61	1.35	0.101
SHB1131589	Soil		1.15	31.61	11.04	127.3	195	13.9	12.0	746	3.57	19.1	0.3	<0.2	0.3	31.2	0.76	0.60	0.25	66	0.39	0.106
SHB1131590	Soil		1.14	39.49	11.13	119.2	313	20.5	11.6	1354	3.69	20.1	1.1	1.6	0.9	34.3	0.30	0.74	0.16	67	0.41	0.035
SHB1131591	Soil		1.55	18.93	9.63	110.7	145	15.3	9.0	500	3.72	18.9	0.3	0.5	0.6	21.5	0.38	0.60	0.27	70	0.26	0.078
SHB1131592	Soil		1.03	18.67	8.29	99.3	151	13.3	7.7	359	3.49	16.7	0.4	15.2	0.6	21.7	0.36	0.52	0.16	71	0.25	0.062
SHB1131593	Rock Pulp		23.19	5318	6427	>10000	67953	45.2	19.0	438	8.72	486.3	1.3	642.2	1.4	33.0	223.4	89.84	24.86	33	1.15	0.041
SHB1131594	Soil		0.16	20.61	28.19	146.7	330	1.0	0.5	44	0.14	3.9	1.1	2.0	<0.1	135.8	1.05	1.44	0.11	5	9.69	0.006
SHB1131595	Soil		0.89	22.49	8.64	88.5	296	17.5	8.9	379	3.28	23.2	0.4	2.0	0.6	18.0	0.41	0.67	0.18	60	0.26	0.082
SHB1131596	Soil		1.37	30.66	8.42	97.8	213	23.7	10.0	815	3.07	23.2	0.5	1.4	0.5	25.5	0.33	0.53	0.21	52	0.28	0.052
SHB1131597	Soil		0.69	12.29	5.72	80.6	139	12.8	5.9	293	2.37	8.6	0.2	<0.2	0.5	18.9	0.24	0.40	0.23	44	0.23	0.046
SHB1131598	Soil		1.47	60.18	13.17	149.0	373	33.1	15.7	2179	4.16	16.3	1.6	2.2	0.8	42.4	0.96	0.51	0.28	63	0.43	0.107
SHB1131599	Soil		1.00	30.96	9.54	91.7	264	20.9	12.2	1084	3.43	17.0	0.5	1.6	0.7	29.6	0.31	0.80	0.15	62	0.42	0.040
SHB1131600	Soil		1.16	8.41	9.77	126.0	243	5.4	4.8	217	3.24	9.9	0.2	0.9	0.4	19.9	0.82	0.44	0.25	61	0.22	0.170
SHB1131900	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131901	Soil		0.96	13.81	8.97	125.9	134	11.7	9.1	471	3.32	13.9	0.2	<0.2	0.3	16.1	0.62	0.58	0.17	63	0.27	0.132
SHB1131902	Soil		0.94	10.94	6.42	99.2	103	13.0	6.9	237	3.18	13.7	0.2	0.9	0.5	17.5	0.30	0.56	0.14	56	0.20	0.114
SHB1131903	Soil		1.10	14.49	10.70	170.6	156	15.2	11.6	530	4.17	19.4	0.3	0.5	0.4	21.4	0.60	0.58	0.18	69	0.30	0.187
SHB1131904	Soil		1.03	14.75	8.00	92.9	104	13.5	8.4	457	3.24	23.9	0.2	0.6	0.4	17.6	0.27	0.65	0.13	61	0.20	0.098
SHB1131905	Soil		1.22	21.40	14.11	90.9	146	16.7	13.5	791	3.61	23.6	0.4	0.7	0.3	28.2	0.46	0.85	0.20	57	0.27	0.216
SHB1131907	Soil		0.92	13.92	7.72	78.9	49	14.8	9.1	576	2.85	12.1	0.2	0.6	0.6	18.9	0.27	0.63	0.11	55	0.25	0.050
SHB1131908	Soil		2.13	17.19	8.00	60.2	41	15.3	9.0	426	2.90	10.7	0.3	0.4	0.4	21.8	0.19	0.60	0.11	55	0.30	0.026

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

Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131579	Soil	10.0	24.7	0.58	204.2	0.004	2	2.60	0.004	0.08	0.1	7.5	0.09	<0.02	20	0.1	0.05	6.5	1.14	<0.1	0.07
SHB1131580	Soil	7.7	19.4	0.37	140.0	0.006	1	1.77	0.006	0.07	0.1	4.8	0.07	<0.02	14	<0.1	0.05	5.2	0.97	<0.1	0.03
SHB1131581	Soil	4.4	17.1	0.45	117.8	0.006	<1	1.90	0.006	0.05	<0.1	5.0	0.05	<0.02	14	<0.1	<0.02	4.9	0.78	<0.1	0.03
SHB1131582	Soil	12.4	21.7	0.49	205.0	0.004	1	2.43	0.005	0.08	<0.1	6.6	0.07	0.02	34	0.2	<0.02	5.7	0.95	<0.1	0.04
SHB1131583	Soil	16.0	18.2	0.43	169.5	0.009	2	1.69	0.012	0.06	0.2	6.6	0.08	0.05	100	0.2	<0.02	4.2	0.76	<0.1	0.04
SHB1131584	Soil	6.3	18.6	0.33	189.5	0.020	2	1.36	0.007	0.06	0.2	3.1	0.04	0.03	38	<0.1	<0.02	4.9	0.96	<0.1	<0.02
SHB1131585	Soil	10.8	14.4	0.33	189.3	0.011	3	1.16	0.006	0.06	0.1	3.4	0.04	0.08	82	<0.1	<0.02	3.4	0.75	<0.1	0.02
SHB1131586	Soil	8.0	23.7	0.58	126.2	0.022	1	1.81	0.009	0.06	0.1	6.1	0.07	0.02	40	0.1	<0.02	4.8	0.88	<0.1	<0.02
SHB1131587	Soil	4.0	18.3	0.36	90.5	0.027	1	1.53	0.006	0.05	0.2	2.9	0.03	<0.02	10	<0.1	<0.02	5.8	0.66	<0.1	<0.02
SHB1131588	Soil	52.2	37.1	0.70	373.3	0.010	3	3.87	0.012	0.13	0.3	14.6	0.24	0.07	209	0.3	0.04	8.9	2.88	<0.1	0.08
SHB1131589	Soil	8.7	20.2	0.34	195.1	0.024	2	1.57	0.006	0.07	0.3	3.5	0.05	0.03	32	<0.1	0.03	5.8	1.24	<0.1	<0.02
SHB1131590	Soil	18.2	26.5	0.58	146.2	0.029	1	2.04	0.011	0.07	0.2	10.4	0.11	<0.02	69	0.2	<0.02	6.0	1.66	<0.1	<0.02
SHB1131591	Soil	6.3	22.4	0.39	107.2	0.031	2	1.73	0.006	0.05	0.2	3.8	0.04	<0.02	44	0.1	<0.02	6.0	1.11	<0.1	<0.02
SHB1131592	Soil	6.8	19.5	0.35	102.3	0.026	2	1.78	0.006	0.05	0.2	3.8	0.04	<0.02	14	0.1	0.03	6.0	1.06	<0.1	<0.02
SHB1131593	Rock Pulp	6.1	23.7	0.68	11.7	0.054	3	0.80	0.048	0.08	0.6	2.8	14.28	9.10	7441	82.5	0.32	6.0	0.32	0.3	0.20
SHB1131594	Soil	<0.5	1.3	4.40	12.4	0.001	2	0.05	0.119	0.01	<0.1	0.2	0.06	0.27	14	0.5	<0.02	0.2	0.03	<0.1	<0.02
SHB1131595	Soil	4.1	17.7	0.43	111.3	0.032	1	1.80	0.005	0.06	0.1	3.1	0.05	0.02	71	0.1	<0.02	4.6	1.09	<0.1	<0.02
SHB1131596	Soil	9.9	22.1	0.56	131.6	0.019	1	1.94	0.009	0.07	0.3	4.4	0.09	<0.02	49	0.1	<0.02	5.3	1.50	<0.1	<0.02
SHB1131597	Soil	5.0	15.5	0.36	117.6	0.021	1	1.21	0.006	0.04	0.1	2.5	<0.02	<0.02	30	<0.1	0.03	3.9	0.72	<0.1	<0.02
SHB1131598	Soil	18.8	35.6	0.67	253.1	0.011	<1	2.97	0.007	0.12	0.2	7.0	0.10	0.02	65	0.2	0.02	7.3	1.49	<0.1	0.03
SHB1131599	Soil	17.1	25.2	0.59	153.3	0.029	2	1.84	0.014	0.07	0.1	6.5	0.07	<0.02	62	0.1	0.04	5.4	1.34	<0.1	<0.02
SHB1131600	Soil	5.3	14.4	0.14	114.6	0.025	1	1.23	0.007	0.04	0.2	1.8	0.04	<0.02	35	<0.1	0.03	6.3	0.90	<0.1	<0.02
SHB1131900	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131901	Soil	4.4	17.0	0.35	101.5	0.026	2	1.27	0.007	0.05	0.1	2.3	0.04	<0.02	32	0.1	0.02	5.3	0.98	<0.1	<0.02
SHB1131902	Soil	4.2	17.1	0.34	85.8	0.016	1	1.58	0.006	0.03	0.1	2.4	0.04	<0.02	33	0.1	<0.02	5.1	0.80	<0.1	<0.02
SHB1131903	Soil	4.4	19.5	0.39	158.6	0.024	2	1.97	0.005	0.06	0.1	3.0	0.04	<0.02	37	0.1	0.02	7.1	1.42	<0.1	<0.02
SHB1131904	Soil	4.5	16.6	0.37	83.5	0.020	2	1.49	0.007	0.04	0.2	2.7	0.04	<0.02	32	<0.1	0.02	5.4	1.01	<0.1	<0.02
SHB1131905	Soil	5.4	19.7	0.41	192.7	0.018	2	1.93	0.006	0.06	0.1	2.8	0.04	0.03	49	0.2	0.07	5.2	0.91	<0.1	<0.02
SHB1131907	Soil	4.8	19.5	0.39	102.1	0.029	1	1.32	0.010	0.05	0.1	3.0	0.05	<0.02	12	<0.1	0.02	4.2	0.98	<0.1	<0.02
SHB1131908	Soil	4.6	19.5	0.42	95.0	0.023	1	1.43	0.010	0.04	0.1	2.7	0.04	<0.02	14	<0.1	<0.02	4.5	0.74	<0.1	<0.02

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131579	Soil	0.53	7.4	0.5	<0.05	1.8	14.34	20.4	0.06	2	0.7	25.8	<10	<2
SHB1131580	Soil	0.51	8.3	0.4	<0.05	0.8	11.00	10.4	0.04	<1	0.4	14.0	<10	<2
SHB1131581	Soil	0.35	4.9	0.3	<0.05	1.2	5.81	10.8	0.05	<1	0.5	18.9	<10	<2
SHB1131582	Soil	0.40	7.0	0.4	<0.05	1.1	17.86	21.2	0.04	<1	0.6	22.3	<10	<2
SHB1131583	Soil	0.58	4.8	0.2	<0.05	1.2	26.90	23.7	0.04	<1	0.6	16.4	<10	<2
SHB1131584	Soil	1.00	6.4	0.4	<0.05	0.3	5.26	12.2	0.03	<1	0.3	13.4	<10	<2
SHB1131585	Soil	0.60	6.4	0.2	<0.05	0.7	17.06	15.3	0.03	2	0.4	7.8	<10	<2
SHB1131586	Soil	0.36	4.7	0.3	<0.05	1.6	11.83	18.3	0.03	2	0.3	14.8	<10	<2
SHB1131587	Soil	0.68	4.8	0.3	<0.05	0.6	2.42	8.2	0.03	1	0.2	17.3	<10	<2
SHB1131588	Soil	0.80	12.4	0.5	<0.05	1.9	85.88	45.1	0.06	<1	1.7	19.0	<10	<2
SHB1131589	Soil	0.84	7.0	0.3	<0.05	0.3	10.56	13.0	0.04	<1	0.3	12.8	<10	<2
SHB1131590	Soil	0.71	7.8	0.4	<0.05	1.0	29.97	23.9	0.04	<1	0.6	16.9	<10	<2
SHB1131591	Soil	0.74	5.6	0.4	<0.05	0.5	5.31	12.1	0.03	<1	0.4	16.5	<10	<2
SHB1131592	Soil	0.74	5.8	0.4	<0.05	0.4	6.04	11.8	0.04	<1	0.4	14.7	<10	<2
SHB1131593	Rock Pulp	0.42	3.4	46.5	<0.05	5.0	6.10	13.3	3.19	17	0.2	6.3	<10	<2
SHB1131594	Soil	0.04	0.4	0.2	<0.05	0.3	0.63	0.9	<0.02	1	<0.1	0.5	<10	<2
SHB1131595	Soil	0.51	5.1	0.3	<0.05	0.7	3.58	12.0	0.04	<1	0.4	12.1	<10	<2
SHB1131596	Soil	0.48	9.2	0.4	<0.05	0.3	10.33	18.4	0.03	<1	0.5	15.9	<10	<2
SHB1131597	Soil	0.47	5.8	0.3	<0.05	0.5	3.66	9.4	0.02	<1	0.2	10.5	<10	<2
SHB1131598	Soil	0.98	13.9	0.5	<0.05	0.9	19.43	33.1	0.05	<1	1.2	16.8	<10	<2
SHB1131599	Soil	0.46	7.6	0.3	<0.05	0.6	23.97	18.4	0.04	<1	0.5	16.1	<10	<2
SHB1131600	Soil	1.72	5.6	0.7	<0.05	0.4	1.97	10.0	0.02	<1	0.3	11.4	<10	<2
SHB1131900	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SHB1131901	Soil	0.45	7.7	0.4	<0.05	0.4	2.55	9.1	0.03	<1	0.3	13.4	<10	<2
SHB1131902	Soil	0.74	5.5	0.3	<0.05	0.3	2.30	7.9	0.03	<1	0.3	14.2	<10	<2
SHB1131903	Soil	0.94	7.0	0.5	<0.05	0.4	2.75	8.4	0.05	<1	0.4	18.6	<10	<2
SHB1131904	Soil	0.44	5.9	0.3	<0.05	0.3	2.49	8.7	0.03	<1	0.3	13.1	<10	<2
SHB1131905	Soil	0.28	4.2	0.3	<0.05	0.4	4.65	23.2	0.04	<1	0.5	12.3	<10	<2
SHB1131907	Soil	0.28	7.6	0.3	<0.05	0.4	2.87	11.3	0.03	<1	0.3	10.0	<10	<2
SHB1131908	Soil	0.30	6.1	0.3	<0.05	0.3	2.19	11.3	0.02	<1	0.3	11.0	<10	<2

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131909	Soil	1.56	16.16	9.37	76.6	50	14.8	9.3	492	3.05	13.2	0.3	<0.2	0.7	25.0	0.25	0.70	0.09	61	0.31	0.020
SHB1131910	Soil	2.28	21.30	8.35	165.3	83	16.2	14.7	1899	3.80	23.9	0.3	<0.2	0.4	24.4	0.97	0.55	0.21	68	0.43	0.087
SHB1131911	Soil	1.55	18.98	9.23	99.2	58	15.5	11.5	785	2.96	13.6	0.3	<0.2	0.6	15.4	0.45	0.56	0.13	57	0.28	0.035
SHB1131912	Soil	1.03	20.43	10.25	61.5	27	15.7	11.3	680	3.15	14.6	0.4	12.3	1.1	19.7	0.17	0.82	0.19	61	0.28	0.033
SHB1131913	Soil	2.42	28.69	9.27	70.2	91	17.9	11.7	641	3.46	25.6	0.4	0.6	0.8	22.0	0.21	0.48	0.20	70	0.40	0.038
SHB1131914	Soil	1.03	19.86	11.66	142.2	101	12.7	8.7	417	3.93	35.7	0.2	0.9	0.9	12.4	0.55	1.16	0.16	59	0.24	0.211
SHB1131915	Soil	1.30	27.32	21.05	125.5	492	16.2	13.6	796	3.83	28.2	0.5	3.7	0.7	22.1	0.47	1.48	0.25	68	0.29	0.071
SHB1131916	Soil	1.27	24.34	20.29	124.3	424	15.1	13.3	723	3.76	27.5	0.5	2.1	0.7	20.9	0.42	1.38	0.18	66	0.27	0.075
SHB1131917	Rock Pulp	22.61	5072	5999	>10000	64093	42.3	17.6	410	8.79	461.0	1.4	508.5	1.3	33.6	217.5	89.96	26.79	34	1.11	0.043
SHB1131918	Soil	0.24	2.39	6.35	16.9	91	0.7	0.8	85	0.18	4.2	2.3	3.2	0.2	272.4	0.41	2.20	0.03	12	19.50	0.011
SHB1131919	Soil	1.17	27.08	25.34	156.2	220	15.3	13.4	765	3.79	31.5	0.5	2.9	0.8	23.4	0.50	1.47	0.24	67	0.37	0.077
SHB1131920	Soil	1.30	31.80	27.11	132.8	734	16.0	14.8	734	3.82	30.5	0.6	2.5	0.8	22.4	0.45	1.50	0.19	66	0.27	0.064
SHB1131921	Soil	1.14	16.47	12.68	107.3	225	12.0	9.5	516	3.68	17.9	0.3	2.0	0.5	21.2	0.65	0.74	0.20	71	0.24	0.171
SHB1131922	Soil	0.89	12.43	8.34	176.3	206	12.2	9.0	339	3.74	21.8	0.4	0.8	1.0	12.8	0.44	0.66	0.19	69	0.15	0.146
SHB1131923	Soil	0.92	9.82	8.84	131.8	141	9.9	9.5	480	3.16	13.6	0.2	1.2	0.6	19.3	0.45	0.56	0.16	63	0.19	0.114
SHB1131924	Soil	0.82	10.42	8.71	108.0	149	9.0	7.9	413	3.35	14.1	0.3	0.3	0.8	17.2	0.30	0.60	0.17	66	0.20	0.178
SHB1131925	Soil	1.02	9.91	8.47	113.3	271	7.9	5.3	207	3.05	11.4	0.3	1.1	0.9	8.5	0.30	0.54	0.24	55	0.09	0.127
SHB1131926	Soil	0.97	23.85	9.98	115.8	191	18.6	11.9	408	3.75	29.8	0.3	0.8	1.1	11.7	0.27	0.77	0.16	72	0.13	0.108
SHB1131927	Soil	1.08	16.28	9.42	95.1	250	11.9	8.2	400	4.01	20.8	0.3	1.8	1.1	11.1	0.26	0.67	0.21	76	0.09	0.140
SHB1131928	Soil	1.21	8.22	8.92	91.7	109	7.5	4.9	184	3.64	14.7	0.2	0.5	0.8	7.6	0.23	0.64	0.20	75	0.07	0.085
SHB1131929	Soil	1.91	16.33	10.64	101.1	215	14.4	8.1	313	4.92	25.3	0.3	0.9	0.8	11.5	0.24	0.69	0.24	89	0.11	0.070
SHB1131930	Soil	1.45	12.67	13.30	99.6	199	10.7	10.0	409	4.98	23.2	0.3	0.6	1.0	11.2	0.28	0.74	0.22	99	0.12	0.228
SHB1131931	Soil	1.01	12.35	8.48	114.4	252	11.5	8.0	475	3.48	15.6	0.3	<0.2	0.9	15.8	0.26	0.56	0.29	66	0.21	0.145
SHB1131932	Soil	1.04	8.48	9.57	109.4	231	6.9	5.8	237	2.85	11.2	0.2	0.9	0.8	9.3	0.38	0.47	0.26	56	0.07	0.105
SHB1131933	Soil	1.27	16.71	10.46	168.6	348	16.9	10.9	476	3.86	22.1	0.3	0.9	0.6	21.9	0.55	0.66	0.22	65	0.22	0.193
SHB1131934	Soil	1.71	15.78	8.72	102.6	159	16.7	8.8	399	3.88	40.7	0.3	59.3	0.3	28.2	0.45	0.69	0.21	69	0.30	0.098
SHB1131935	Soil	1.92	32.40	10.17	110.8	231	18.1	13.0	1455	3.13	12.9	0.5	25.8	0.3	44.4	0.61	0.47	0.35	56	0.44	0.078
SHB1131936	Soil	1.22	14.16	8.20	132.2	225	12.8	7.3	535	3.85	24.0	0.3	0.4	0.2	22.2	0.46	0.60	0.26	67	0.23	0.154
SHB1131937	Soil	0.91	13.47	8.00	69.9	28	13.1	6.8	246	3.06	12.1	0.2	1.5	0.5	8.9	0.18	0.58	0.15	57	0.11	0.061
SHB1131938	Soil	0.98	13.54	7.58	67.4	149	14.2	7.2	222	3.24	25.3	0.3	0.3	0.3	15.5	0.20	0.64	0.15	65	0.15	0.045

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Project: Hudson Bay Mountain
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CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131909	Soil	5.1	21.5	0.46	97.4	0.037	1	1.45	0.015	0.05	<0.1	3.6	0.04	<0.02	16	<0.1	0.02	4.4	0.97	<0.1	0.02
SHB1131910	Soil	5.9	21.2	0.62	236.3	0.017	2	2.55	0.004	0.10	0.2	4.3	0.06	0.03	39	0.1	0.04	7.6	5.05	<0.1	<0.02
SHB1131911	Soil	6.7	19.9	0.39	126.5	0.016	1	1.65	0.006	0.07	0.1	3.5	0.06	<0.02	27	<0.1	<0.02	5.2	1.29	<0.1	<0.02
SHB1131912	Soil	6.6	21.2	0.50	101.1	0.052	1	1.39	0.010	0.05	0.2	4.3	0.07	<0.02	24	<0.1	<0.02	4.0	0.93	<0.1	0.05
SHB1131913	Soil	6.6	22.7	0.37	194.1	0.010	1	2.42	0.005	0.09	0.2	4.3	0.08	0.02	34	<0.1	0.03	7.0	2.27	<0.1	0.03
SHB1131914	Soil	5.5	17.5	0.42	80.9	0.015	2	1.93	0.004	0.09	0.1	3.2	0.03	<0.02	30	0.1	0.03	5.6	1.54	<0.1	0.04
SHB1131915	Soil	6.2	21.7	0.63	116.2	0.019	2	1.88	0.008	0.05	0.1	4.5	0.05	<0.02	49	0.2	<0.02	5.4	1.94	<0.1	<0.02
SHB1131916	Soil	5.7	20.6	0.60	106.8	0.019	2	1.71	0.008	0.05	0.1	4.2	0.04	0.02	37	0.2	0.04	5.1	1.90	<0.1	<0.02
SHB1131917	Rock Pulp	5.8	23.8	0.65	10.7	0.050	3	0.80	0.049	0.08	0.6	2.5	13.76	8.31	8299	78.3	0.25	5.7	0.29	0.2	0.15
SHB1131918	Soil	1.0	3.2	9.23	23.0	0.002	5	0.09	0.241	0.02	0.2	0.4	<0.02	0.54	5	0.5	0.02	0.3	0.05	0.1	0.03
SHB1131919	Soil	6.4	21.2	0.59	138.3	0.024	2	1.77	0.007	0.09	0.1	4.4	0.07	<0.02	102	0.2	0.03	5.4	1.92	<0.1	<0.02
SHB1131920	Soil	7.4	20.7	0.61	126.8	0.020	1	1.84	0.008	0.07	0.1	4.9	0.06	<0.02	76	0.2	0.03	5.3	1.85	<0.1	<0.02
SHB1131921	Soil	4.3	19.4	0.35	181.7	0.025	2	1.43	0.006	0.04	0.2	2.9	0.05	<0.02	62	0.2	0.03	5.5	0.85	<0.1	<0.02
SHB1131922	Soil	4.9	18.9	0.40	73.7	0.038	1	2.05	0.004	0.04	0.2	3.1	0.05	<0.02	54	0.1	<0.02	6.2	1.23	<0.1	0.06
SHB1131923	Soil	4.2	16.7	0.34	117.7	0.035	1	1.47	0.006	0.04	0.2	2.4	0.05	<0.02	69	0.1	0.02	5.1	1.04	<0.1	0.03
SHB1131924	Soil	4.5	16.4	0.31	91.1	0.021	1	1.61	0.006	0.04	0.2	2.7	0.06	<0.02	48	<0.1	0.02	6.1	1.08	<0.1	0.03
SHB1131925	Soil	5.1	16.1	0.25	73.3	0.026	<1	1.79	0.005	0.03	0.2	2.4	0.05	0.02	78	0.2	0.04	5.8	1.13	<0.1	0.05
SHB1131926	Soil	4.2	22.3	0.46	102.5	0.034	2	2.83	0.004	0.03	0.2	4.0	0.06	<0.02	54	0.1	0.05	5.3	1.43	<0.1	0.10
SHB1131927	Soil	5.3	22.4	0.33	73.2	0.031	<1	2.31	0.007	0.04	0.2	3.9	0.07	<0.02	79	0.2	0.04	6.6	1.30	<0.1	0.08
SHB1131928	Soil	4.7	18.2	0.23	99.0	0.030	<1	1.63	0.005	0.03	0.2	2.3	0.05	<0.02	24	0.1	0.05	6.8	0.78	<0.1	0.04
SHB1131929	Soil	4.3	21.1	0.34	110.8	0.026	1	2.31	0.005	0.04	0.2	3.3	0.06	<0.02	55	0.2	0.04	8.2	1.27	<0.1	0.04
SHB1131930	Soil	4.5	22.3	0.34	102.4	0.037	1	2.01	0.004	0.03	0.2	3.3	0.05	<0.02	35	0.2	0.05	8.0	1.15	<0.1	0.03
SHB1131931	Soil	4.7	19.1	0.30	109.9	0.024	2	2.02	0.005	0.05	0.2	2.9	0.04	<0.02	78	0.2	<0.02	6.0	0.90	<0.1	0.03
SHB1131932	Soil	4.6	13.5	0.18	100.9	0.018	<1	1.24	0.006	0.03	0.2	1.8	0.06	<0.02	28	<0.1	0.05	5.2	0.96	<0.1	0.04
SHB1131933	Soil	4.5	20.3	0.42	170.0	0.027	2	2.06	0.006	0.05	0.3	3.0	0.05	0.03	71	0.2	0.04	5.9	1.21	<0.1	<0.02
SHB1131934	Soil	4.3	20.7	0.44	137.3	0.020	1	1.66	0.006	0.05	0.2	2.5	0.05	<0.02	36	0.2	0.03	5.9	0.87	<0.1	<0.02
SHB1131935	Soil	13.3	20.2	0.40	172.2	0.011	<1	1.99	0.006	0.07	0.5	3.2	0.09	<0.02	23	0.1	0.04	6.0	1.66	<0.1	<0.02
SHB1131936	Soil	4.7	18.3	0.33	118.8	0.021	1	1.65	0.006	0.05	0.3	1.9	0.05	0.03	60	0.2	0.02	6.4	1.20	<0.1	<0.02
SHB1131937	Soil	4.8	17.0	0.32	100.3	0.014	<1	1.47	0.005	0.05	0.2	2.4	0.05	<0.02	32	0.1	0.03	4.7	0.71	<0.1	<0.02
SHB1131938	Soil	4.9	17.2	0.29	86.4	0.014	<1	1.56	0.006	0.03	0.1	1.9	0.05	<0.02	28	0.1	<0.02	5.0	1.12	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131909	Soil	0.64	6.4	0.3	<0.05	0.9	3.17	13.0	0.03	<1	0.3	12.0	<10	<2
SHB1131910	Soil	0.89	12.6	0.5	<0.05	0.6	5.47	13.4	0.04	<1	0.6	16.5	<10	<2
SHB1131911	Soil	0.51	9.9	0.3	<0.05	0.4	5.03	13.6	0.03	<1	0.4	10.2	<10	<2
SHB1131912	Soil	0.38	5.1	0.4	<0.05	1.2	5.74	18.6	0.04	2	0.4	11.7	<10	<2
SHB1131913	Soil	0.91	13.3	0.5	<0.05	1.1	4.57	13.0	0.04	<1	0.5	12.6	<10	<2
SHB1131914	Soil	1.10	6.1	0.4	<0.05	1.2	2.70	10.7	0.05	<1	0.3	23.5	<10	<2
SHB1131915	Soil	0.36	4.6	0.4	<0.05	0.5	5.16	15.2	0.04	<1	0.3	19.3	<10	<2
SHB1131916	Soil	0.35	4.5	0.3	<0.05	0.4	4.44	13.9	0.05	<1	0.4	19.0	<10	<2
SHB1131917	Rock Pulp	0.38	2.9	45.7	<0.05	4.8	5.73	12.8	3.00	15	0.1	6.1	<10	3
SHB1131918	Soil	0.07	0.7	0.1	<0.05	0.5	1.19	1.5	<0.02	<1	<0.1	1.3	<10	<2
SHB1131919	Soil	0.36	4.1	0.3	<0.05	0.4	5.24	15.8	0.04	<1	0.3	17.6	<10	<2
SHB1131920	Soil	0.39	3.7	0.3	<0.05	0.5	6.80	17.4	0.04	<1	0.3	18.3	<10	<2
SHB1131921	Soil	0.77	3.6	0.5	<0.05	0.4	2.64	8.3	0.04	<1	0.3	11.4	<10	<2
SHB1131922	Soil	2.74	5.7	0.7	<0.05	2.7	3.13	9.5	0.04	<1	0.7	14.3	<10	<2
SHB1131923	Soil	1.10	5.7	0.5	<0.05	0.9	2.16	8.0	0.03	2	0.3	10.9	<10	3
SHB1131924	Soil	1.23	7.0	0.5	<0.05	1.6	2.62	8.9	0.03	<1	0.2	15.5	<10	<2
SHB1131925	Soil	2.43	6.8	0.6	<0.05	1.8	2.19	9.4	0.03	<1	0.3	16.1	<10	<2
SHB1131926	Soil	0.41	6.6	0.3	<0.05	3.5	3.19	8.9	0.05	<1	0.5	16.0	<10	<2
SHB1131927	Soil	0.90	6.9	0.5	<0.05	2.9	3.27	10.7	0.04	<1	0.4	18.1	<10	<2
SHB1131928	Soil	1.20	5.2	0.6	<0.05	1.4	1.90	8.5	0.03	<1	0.3	14.0	<10	<2
SHB1131929	Soil	1.46	5.5	0.6	<0.05	1.6	2.72	9.5	0.06	<1	0.4	23.7	<10	<2
SHB1131930	Soil	1.11	5.8	0.6	<0.05	1.4	2.58	8.7	0.04	<1	0.3	19.2	<10	<2
SHB1131931	Soil	1.16	6.5	0.4	<0.05	1.5	2.69	9.4	0.04	<1	0.3	14.0	<10	<2
SHB1131932	Soil	1.66	5.1	0.7	<0.05	1.5	1.54	9.0	0.03	<1	0.2	9.3	<10	<2
SHB1131933	Soil	2.05	5.1	0.6	<0.05	0.5	2.69	13.6	0.04	<1	0.3	16.7	<10	<2
SHB1131934	Soil	0.52	6.7	0.4	<0.05	0.1	2.35	9.4	0.04	<1	0.3	19.6	<10	<2
SHB1131935	Soil	0.62	12.6	0.5	<0.05	0.2	13.61	18.4	0.03	<1	0.5	14.3	<10	<2
SHB1131936	Soil	1.08	7.8	0.6	<0.05	<0.1	2.33	9.0	0.03	<1	0.3	16.1	<10	<2
SHB1131937	Soil	0.45	4.6	0.3	<0.05	0.3	2.27	9.9	0.03	<1	0.3	10.0	<10	<2
SHB1131938	Soil	0.58	6.1	0.4	<0.05	<0.1	2.48	10.9	0.04	<1	0.3	11.7	<10	<2

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131939	Soil	1.15	12.38	7.95	65.9	102	12.1	6.6	228	3.16	12.7	0.3	1.0	0.7	11.9	0.17	0.60	0.17	58	0.11	0.059
SHB1131940	Soil	0.86	39.04	9.41	71.4	209	24.5	12.4	1069	3.23	13.6	0.5	0.5	0.9	56.7	0.25	0.57	0.18	58	0.81	0.050
SHB1131941	Soil	0.79	14.07	8.84	78.4	49	14.6	7.1	248	3.13	14.0	0.3	0.9	0.8	11.2	0.20	0.53	0.16	57	0.13	0.144
SHB1131942	Soil	0.94	11.32	7.05	69.4	113	12.6	7.6	374	2.79	10.3	0.2	0.3	0.4	19.5	0.33	0.52	0.14	54	0.22	0.044
SHB1131943	Soil	1.06	12.85	9.89	57.6	422	10.7	7.9	287	3.36	13.4	0.2	0.4	0.4	16.4	0.25	0.60	0.13	67	0.14	0.036
SHB1131944	Soil	1.26	12.64	8.60	71.3	52	13.4	6.8	236	3.60	15.3	0.3	0.3	0.5	14.7	0.17	0.58	0.16	70	0.18	0.054
SHB1131945	Soil	0.96	18.41	8.36	63.3	28	17.0	8.1	281	3.23	14.2	0.3	1.1	0.8	13.3	0.17	0.62	0.13	63	0.10	0.036
SHB1131946	Soil	1.24	13.99	6.18	89.5	120	14.9	6.6	319	2.99	14.6	0.3	0.2	0.5	27.2	0.30	0.57	0.16	54	0.33	0.063
SHB1131947	Soil	1.27	14.83	6.25	87.7	127	14.7	6.6	303	3.02	13.8	0.3	1.0	0.5	24.7	0.26	0.58	0.17	55	0.28	0.055
SHB1131948	Rock Pulp	23.18	5043	6230	>10000	65161	45.0	18.8	423	8.98	469.7	1.5	538.1	1.4	35.3	227.8	93.34	27.23	36	1.19	0.044
SHB1131949	Soil	0.26	3.97	6.42	19.8	90	2.9	0.8	94	0.13	5.1	2.3	2.7	0.2	268.3	0.39	2.11	0.03	13	20.28	0.013
SHB1131950	Soil	1.05	15.07	9.37	103.6	234	12.3	7.1	280	3.75	24.0	0.3	<0.2	0.6	12.6	0.35	0.71	0.17	71	0.21	0.156
SHB1131951	Soil	0.82	24.35	7.50	73.3	144	15.6	7.5	448	2.96	12.7	0.6	4.9	0.5	22.6	0.43	0.58	0.41	58	0.21	0.033
SHB1131952	Soil	0.72	24.46	9.36	69.0	69	14.4	10.5	951	2.99	12.4	0.4	2.4	0.9	30.3	0.27	0.79	0.13	62	0.44	0.058
SHB1131953	Soil	0.63	26.46	10.28	80.1	97	15.7	10.0	760	3.26	14.1	0.4	1.9	0.7	32.4	0.20	0.88	0.13	68	0.59	0.058
SHB1131954	Soil	1.34	38.72	14.18	147.1	101	31.5	31.3	1663	3.80	15.7	0.5	2.4	1.0	25.3	0.52	1.52	0.12	50	0.34	0.091
SHB1131955	Soil	0.82	20.60	8.05	71.6	70	15.2	8.0	386	3.29	14.1	0.3	1.6	0.8	22.4	0.28	0.73	0.15	65	0.21	0.047
SHB1131956	Soil	0.88	30.55	9.68	97.5	161	15.7	10.2	1082	3.53	16.1	0.5	1.4	0.5	12.7	0.37	0.83	0.16	64	0.11	0.046
SHB1131957	Soil	0.83	27.91	11.10	81.4	137	12.7	7.7	406	3.09	14.1	0.5	1.5	0.9	24.7	0.48	0.98	0.13	61	0.20	0.051
SHB1131958	Soil	2.55	28.04	9.47	112.5	465	16.4	19.0	911	3.67	20.2	0.5	4.2	0.2	15.7	0.50	4.13	0.13	54	0.12	0.052
SHB1131959	Soil	1.28	32.98	11.52	164.6	788	10.1	10.6	466	3.18	30.9	0.3	0.9	0.2	15.1	3.13	1.99	0.17	46	0.13	0.063
SHB1131960	Soil	0.78	21.23	9.53	118.7	52	11.3	9.7	774	3.94	12.9	0.4	1.2	0.7	24.5	0.36	0.50	0.10	89	0.35	0.111
SHB1131961	Soil	1.32	79.74	13.76	150.1	317	27.3	20.2	998	3.95	44.2	0.8	2.9	0.3	25.4	0.72	1.10	0.21	57	0.34	0.106
SHB1131962	Soil	1.03	21.47	9.13	82.2	120	13.4	9.4	621	3.31	20.5	0.4	0.8	0.3	20.8	0.23	0.66	0.14	70	0.26	0.048
CHB1131851	Soil	1.06	30.64	10.67	115.0	199	16.0	12.0	854	3.15	31.3	0.8	2.0	0.6	33.9	0.60	1.13	0.12	52	0.62	0.058
CHB1131852	Soil	0.97	28.44	19.39	125.3	205	17.8	13.4	859	3.32	27.0	0.7	1.4	0.8	30.9	0.52	1.53	0.12	57	0.60	0.061
CHB1131853	Soil	0.76	22.47	12.78	100.1	126	14.6	11.4	609	3.40	21.0	0.3	1.0	0.8	21.8	0.33	1.26	0.10	55	0.37	0.046
CHB1131854	Soil	0.65	36.83	9.84	153.4	328	10.7	8.3	1149	2.52	19.8	0.3	4.4	0.4	29.6	1.04	0.95	0.30	42	0.96	0.049
CHB1131855	Soil	1.25	31.54	17.35	166.8	275	5.1	9.9	1397	4.15	21.8	0.3	0.6	0.7	11.1	0.74	0.85	0.14	49	0.30	0.055
CHB1131856	Soil	1.19	32.50	16.98	153.8	290	5.7	10.6	1368	4.37	21.7	0.4	1.6	0.7	12.6	0.68	1.02	0.16	57	0.33	0.057

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CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131939	Soil	4.8	18.2	0.32	82.1	0.018	<1	1.62	0.006	0.04	0.2	2.4	0.06	<0.02	33	0.1	0.04	5.4	0.93	<0.1	<0.02
SHB1131940	Soil	10.2	25.7	0.55	216.9	0.009	<1	2.54	0.008	0.06	0.1	5.5	0.10	0.03	50	0.2	0.04	5.5	1.81	<0.1	0.06
SHB1131941	Soil	5.1	19.7	0.36	83.4	0.015	<1	1.70	0.006	0.04	0.1	2.7	0.06	<0.02	59	0.1	<0.02	5.1	1.13	<0.1	<0.02
SHB1131942	Soil	4.5	16.7	0.32	74.7	0.018	<1	1.22	0.005	0.07	0.1	1.9	0.04	<0.02	16	0.2	0.02	4.6	0.60	<0.1	<0.02
SHB1131943	Soil	4.5	19.6	0.31	87.2	0.020	<1	1.52	0.007	0.03	0.1	2.4	0.05	<0.02	33	0.2	0.03	5.2	0.97	<0.1	<0.02
SHB1131944	Soil	4.7	18.5	0.35	82.5	0.013	<1	1.85	0.004	0.04	0.2	3.1	0.06	0.02	28	0.2	0.04	6.6	1.25	<0.1	<0.02
SHB1131945	Soil	4.8	20.6	0.39	111.3	0.017	<1	1.82	0.006	0.04	0.1	2.9	0.05	<0.02	31	0.2	0.03	5.2	0.99	<0.1	<0.02
SHB1131946	Soil	4.6	17.8	0.35	90.8	0.018	1	1.62	0.005	0.06	0.2	2.4	0.05	<0.02	30	0.2	0.02	5.0	0.99	<0.1	<0.02
SHB1131947	Soil	4.7	18.5	0.36	85.9	0.017	<1	1.68	0.006	0.05	0.2	2.4	0.06	<0.02	29	0.2	0.03	4.9	0.98	<0.1	0.02
SHB1131948	Rock Pulp	6.3	24.3	0.67	14.9	0.056	3	0.83	0.050	0.08	0.5	2.6	13.87	8.83	7249	83.9	0.32	6.1	0.32	0.3	0.19
SHB1131949	Soil	1.1	3.6	9.23	26.0	0.003	4	0.11	0.240	0.02	0.2	0.4	<0.02	0.48	7	0.4	<0.02	0.3	0.07	0.1	<0.02
SHB1131950	Soil	4.2	18.0	0.37	88.9	0.026	<1	1.79	0.005	0.04	0.2	2.8	0.04	<0.02	42	0.2	0.02	5.8	0.93	<0.1	<0.02
SHB1131951	Soil	8.1	19.8	0.41	116.1	0.024	2	1.64	0.010	0.04	0.1	3.7	0.06	<0.02	37	0.1	<0.02	4.7	0.97	<0.1	<0.02
SHB1131952	Soil	8.8	18.5	0.49	125.3	0.051	2	1.32	0.018	0.05	0.1	5.1	0.05	<0.02	51	<0.1	<0.02	4.0	0.86	<0.1	0.04
SHB1131953	Soil	7.9	22.7	0.56	132.0	0.052	3	1.51	0.020	0.07	<0.1	5.2	0.05	<0.02	37	<0.1	0.05	4.6	0.89	<0.1	0.05
SHB1131954	Soil	7.3	15.3	0.40	136.3	0.018	<1	1.40	0.007	0.07	<0.1	6.9	0.05	<0.02	64	<0.1	<0.02	4.0	2.72	<0.1	<0.02
SHB1131955	Soil	5.6	20.9	0.45	116.1	0.037	1	1.73	0.011	0.05	0.1	3.9	0.05	<0.02	34	<0.1	<0.02	4.9	0.99	<0.1	<0.02
SHB1131956	Soil	7.8	23.2	0.56	76.3	0.020	<1	1.98	0.008	0.06	0.1	4.6	0.06	<0.02	51	0.1	0.03	5.3	1.26	<0.1	<0.02
SHB1131957	Soil	14.0	17.9	0.39	141.5	0.034	<1	1.62	0.007	0.06	0.1	4.8	0.05	<0.02	45	<0.1	0.03	4.8	0.98	<0.1	<0.02
SHB1131958	Soil	9.9	16.6	0.33	155.5	0.005	<1	1.74	0.007	0.03	<0.1	2.9	0.05	0.02	55	0.2	<0.02	4.9	2.87	<0.1	<0.02
SHB1131959	Soil	7.7	13.6	0.21	107.0	0.005	<1	1.40	0.006	0.03	<0.1	2.2	0.03	0.03	81	0.2	0.05	4.3	3.67	<0.1	<0.02
SHB1131960	Soil	5.2	19.6	0.65	118.8	0.084	2	1.77	0.011	0.05	0.1	4.9	0.03	<0.02	38	0.2	<0.02	6.0	0.91	<0.1	0.03
SHB1131961	Soil	7.8	21.8	0.56	187.3	0.014	<1	2.65	0.004	0.06	<0.1	3.3	0.07	0.05	102	0.6	0.05	5.6	20.95	<0.1	<0.02
SHB1131962	Soil	4.9	23.4	0.43	134.8	0.028	1	1.61	0.007	0.03	0.1	2.8	0.04	0.03	68	0.2	<0.02	5.6	2.33	<0.1	<0.02
CHB1131851	Soil	7.9	17.9	0.52	122.2	0.024	2	1.50	0.010	0.05	0.1	4.8	0.05	0.03	55	0.4	<0.02	4.5	3.08	<0.1	<0.02
CHB1131852	Soil	7.1	18.6	0.60	130.9	0.031	2	1.49	0.011	0.05	<0.1	5.2	0.04	0.05	39	0.3	0.04	4.4	2.41	<0.1	<0.02
CHB1131853	Soil	5.6	16.2	0.57	95.5	0.026	1	1.41	0.009	0.05	<0.1	4.2	0.04	0.08	31	0.2	<0.02	4.1	2.47	<0.1	0.03
CHB1131854	Soil	5.2	18.4	0.62	176.2	0.031	2	1.62	0.027	0.10	<0.1	4.4	0.17	0.05	47	0.7	<0.02	4.7	3.38	<0.1	0.02
CHB1131855	Soil	9.4	8.1	0.47	125.2	0.009	<1	1.23	0.010	0.08	<0.1	5.6	0.05	0.02	19	0.2	0.08	4.2	1.52	<0.1	<0.02
CHB1131856	Soil	9.6	9.4	0.49	125.8	0.016	<1	1.25	0.011	0.08	0.1	5.9	0.04	0.03	19	0.3	0.05	4.0	1.69	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131939	Soil	0.55	6.7	0.3	<0.05	0.4	1.84	10.0	<0.02	<1	0.2	12.8	<10	<2
SHB1131940	Soil	0.65	10.2	0.4	<0.05	1.4	11.71	18.8	0.03	<1	0.6	13.5	<10	<2
SHB1131941	Soil	0.51	7.6	0.4	<0.05	0.6	2.23	10.6	0.04	<1	0.3	14.4	<10	<2
SHB1131942	Soil	0.42	6.4	0.3	<0.05	0.1	1.80	9.1	0.02	<1	0.1	11.2	<10	<2
SHB1131943	Soil	0.45	6.2	0.3	<0.05	0.2	1.77	9.5	0.03	<1	0.2	13.9	<10	<2
SHB1131944	Soil	1.14	5.7	0.5	<0.05	0.3	3.25	8.9	0.04	<1	0.3	16.3	<10	<2
SHB1131945	Soil	0.46	7.0	0.3	<0.05	0.6	2.38	10.2	0.03	<1	0.4	13.6	<10	<2
SHB1131946	Soil	0.92	7.3	0.4	<0.05	0.3	2.73	10.1	0.03	<1	0.4	13.1	<10	<2
SHB1131947	Soil	0.93	6.9	0.4	<0.05	0.4	2.86	10.4	0.03	<1	0.3	13.1	<10	<2
SHB1131948	Rock Pulp	0.42	3.4	48.5	<0.05	5.4	6.18	13.6	3.19	11	0.1	6.4	<10	<2
SHB1131949	Soil	0.09	0.7	<0.1	<0.05	0.5	1.24	1.8	<0.02	<1	<0.1	1.2	<10	<2
SHB1131950	Soil	0.82	5.3	0.3	<0.05	0.6	2.22	9.1	0.04	<1	0.3	16.8	<10	<2
SHB1131951	Soil	0.42	5.3	0.4	<0.05	0.3	7.60	17.6	0.04	<1	0.3	13.8	<10	<2
SHB1131952	Soil	0.28	3.1	0.3	<0.05	1.2	11.58	18.8	0.03	<1	0.3	11.5	<10	<2
SHB1131953	Soil	0.28	3.8	0.3	<0.05	0.7	9.46	16.5	0.02	<1	0.4	13.4	<10	<2
SHB1131954	Soil	0.19	3.5	0.2	<0.05	0.4	9.31	18.9	0.04	<1	0.3	14.4	<10	<2
SHB1131955	Soil	0.48	6.9	0.4	<0.05	0.6	4.04	12.9	0.03	3	0.2	14.1	<10	<2
SHB1131956	Soil	0.44	5.0	0.3	<0.05	0.4	7.20	17.5	0.04	<1	0.4	17.4	<10	<2
SHB1131957	Soil	0.43	4.0	0.3	<0.05	0.6	9.53	26.9	0.04	<1	0.5	11.6	<10	<2
SHB1131958	Soil	0.27	4.1	0.4	<0.05	0.2	10.54	23.1	0.04	<1	0.4	15.5	<10	<2
SHB1131959	Soil	0.23	4.8	0.3	<0.05	0.2	4.84	17.6	0.05	<1	0.3	9.8	<10	<2
SHB1131960	Soil	0.44	4.6	0.5	<0.05	1.8	5.35	14.1	0.04	<1	0.4	15.5	<10	<2
SHB1131961	Soil	0.47	5.9	0.3	<0.05	0.3	12.13	40.0	0.06	2	0.3	25.9	<10	<2
SHB1131962	Soil	0.51	3.9	0.4	<0.05	0.4	3.53	12.6	0.03	<1	0.4	13.1	<10	<2
CHB1131851	Soil	0.26	4.0	0.3	<0.05	0.3	9.90	16.8	0.04	3	0.3	18.5	<10	<2
CHB1131852	Soil	0.28	3.6	0.3	<0.05	0.9	9.71	15.5	0.04	2	0.2	17.5	<10	<2
CHB1131853	Soil	0.15	3.2	0.2	<0.05	0.8	6.70	12.7	<0.02	<1	0.3	18.4	<10	<2
CHB1131854	Soil	0.30	9.4	0.3	<0.05	0.5	9.32	10.9	0.05	<1	0.3	18.7	<10	<2
CHB1131855	Soil	0.06	4.4	0.2	<0.05	0.7	11.68	22.4	0.06	<1	0.5	13.9	<10	<2
CHB1131856	Soil	0.05	4.7	0.4	<0.05	0.6	12.10	21.8	0.05	<1	0.4	13.8	<10	<2

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
CHB1131857	Soil	0.87	17.89	7.95	84.7	54	19.2	10.9	754	4.05	14.1	1.0	1.4	1.8	65.6	0.17	0.76	0.10	93	0.45	0.098
CHB1131858	Soil	0.89	19.26	7.76	76.0	54	20.0	11.8	813	3.22	14.4	1.1	1.2	1.8	78.5	0.16	0.72	0.10	60	0.48	0.092
CHB1131859	Soil	0.82	20.71	8.27	81.7	67	21.3	12.0	975	3.31	15.6	1.3	0.6	1.8	85.9	0.18	0.71	0.10	61	0.56	0.098
CHB1131860	Soil	0.79	17.96	6.78	73.5	40	35.3	12.5	679	3.03	6.5	0.6	3.3	1.7	41.0	0.14	0.35	0.09	59	0.32	0.061
CHB1131861	Soil	0.71	16.60	6.88	76.6	39	33.6	11.7	633	3.05	5.9	0.6	0.7	1.8	37.6	0.15	0.34	0.10	60	0.31	0.060
CHB1131862	Soil	0.71	16.78	6.84	73.9	42	33.9	12.3	662	2.92	6.2	0.6	0.9	1.7	41.0	0.15	0.34	0.09	56	0.33	0.059
CHB1131863	Soil	0.75	17.28	6.90	77.1	34	35.2	12.0	667	3.02	6.2	0.6	1.6	1.8	41.3	0.15	0.37	0.10	59	0.33	0.062
CHB1131864	Soil	1.66	17.13	8.41	79.7	68	18.5	10.3	1139	3.28	13.6	2.0	0.7	1.2	96.6	0.19	0.53	0.10	66	0.49	0.088
CHB1131865	Soil	1.53	17.26	8.38	81.0	67	19.3	10.1	1096	3.29	13.7	1.9	0.9	1.2	94.4	0.21	0.52	0.10	66	0.49	0.089
CHB1131866	Rock Pulp	20.70	5347	6318	>10000	67541	41.6	16.6	431	8.95	479.6	1.3	537.2	1.3	33.3	220.1	57.50	24.20	35	1.13	0.048
CHB1131867	Soil	0.42	8.04	10.62	42.7	146	4.9	1.4	156	0.25	5.1	2.5	4.0	0.2	308.4	0.57	2.59	0.03	16	21.81	0.018
CHB1131868	Soil	1.68	17.84	8.83	80.4	72	18.9	10.4	1223	3.45	13.0	2.0	0.4	1.1	101.9	0.22	0.59	0.08	71	0.54	0.087
CHB1131869	Soil	1.71	17.19	8.30	78.1	93	18.7	10.2	1332	3.16	11.6	2.8	1.3	1.0	114.0	0.28	0.50	0.08	62	0.58	0.086
CHB1131870	Soil	1.89	17.46	8.58	80.8	87	20.2	10.9	1362	3.49	12.1	2.7	0.2	1.1	117.9	0.23	0.51	0.09	72	0.58	0.088
CHB1131871	Soil	1.67	14.91	7.56	72.3	81	18.2	9.4	1161	2.99	9.4	2.7	0.6	1.0	83.2	0.21	0.43	0.08	58	0.48	0.079
CHB1131872	Soil	1.84	13.84	7.30	68.8	133	19.3	9.7	1382	2.88	8.2	2.9	5.3	0.9	103.6	0.17	0.39	0.11	55	0.48	0.076
CHB1131873	Soil	1.99	13.08	7.48	75.3	130	21.6	9.9	1570	2.94	8.5	3.3	2.3	1.0	132.9	0.23	0.40	0.10	52	0.61	0.083
CHB1131874	Soil	1.73	10.29	6.13	66.7	118	18.2	9.2	1366	2.74	6.9	2.6	0.9	1.0	94.9	0.16	0.32	0.34	50	0.42	0.067
CHB1131875	Soil	2.22	13.23	7.59	63.1	75	19.3	10.0	1499	2.63	7.1	3.8	4.2	1.0	108.9	0.22	0.36	0.09	44	0.49	0.071
CHB1131876	Soil	2.42	12.43	7.96	65.7	66	18.8	10.4	1826	2.82	7.5	3.6	1.1	1.1	110.0	0.21	0.39	0.11	49	0.49	0.073
CHB1131877	Soil	2.94	13.86	7.38	66.9	93	18.7	10.4	2333	2.62	7.7	5.3	1.1	0.9	138.5	0.25	0.33	0.08	41	0.62	0.075
CHB1131878	Soil	2.57	12.20	7.64	62.3	69	19.1	10.6	1684	2.77	7.5	4.1	0.5	1.0	115.0	0.18	0.36	0.08	45	0.51	0.072
CHB1131879	Soil	1.95	21.27	10.76	82.8	82	21.8	12.6	1259	3.39	13.8	2.7	3.1	1.6	102.1	0.24	0.59	0.10	62	0.57	0.092
CHB1131880	Soil	1.46	17.11	8.68	68.1	61	16.5	9.9	1086	2.88	11.6	2.0	0.4	1.4	81.6	0.18	0.53	0.07	56	0.46	0.079

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

CERTIFICATE OF ANALYSIS SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
CHB1131857	Soil	9.8	18.7	0.43	253.9	0.032	1	1.19	0.035	0.06	<0.1	4.0	0.06	<0.02	53	<0.1	<0.02	4.0	1.02	<0.1	0.03
CHB1131858	Soil	10.0	16.7	0.46	273.8	0.014	2	1.35	0.044	0.08	<0.1	4.6	0.07	<0.02	79	<0.1	<0.02	4.0	1.21	<0.1	0.03
CHB1131859	Soil	10.9	17.5	0.47	319.9	0.014	2	1.42	0.048	0.09	<0.1	5.1	0.08	<0.02	63	0.3	<0.02	4.1	1.20	<0.1	0.03
CHB1131860	Soil	6.3	24.5	0.45	327.1	0.011	2	1.12	0.011	0.11	<0.1	4.3	0.08	<0.02	38	0.1	0.03	3.7	0.68	<0.1	<0.02
CHB1131861	Soil	6.0	23.7	0.43	313.7	0.010	1	1.02	0.009	0.09	<0.1	4.0	0.06	<0.02	50	<0.1	<0.02	3.5	0.63	<0.1	<0.02
CHB1131862	Soil	5.9	23.3	0.45	323.8	0.009	2	1.11	0.010	0.10	<0.1	4.5	0.07	<0.02	44	0.1	<0.02	3.5	0.66	<0.1	0.02
CHB1131863	Soil	6.3	24.8	0.44	330.4	0.012	2	1.13	0.010	0.11	<0.1	4.4	0.08	<0.02	27	0.2	<0.02	3.8	0.71	<0.1	<0.02
CHB1131864	Soil	10.8	16.7	0.35	442.5	0.016	2	1.17	0.013	0.06	0.1	4.5	0.08	<0.02	56	0.1	<0.02	3.5	0.98	<0.1	<0.02
CHB1131865	Soil	10.8	17.6	0.36	435.8	0.017	2	1.19	0.013	0.06	0.1	4.6	0.08	<0.02	60	0.2	<0.02	3.6	1.00	<0.1	<0.02
CHB1131866	Rock Pulp	5.4	23.4	0.67	12.6	0.052	4	0.86	0.053	0.08	0.6	2.6	13.36	8.69	9058	80.7	0.22	5.9	0.31	0.5	0.19
CHB1131867	Soil	1.5	4.8	9.35	47.0	0.005	4	0.18	0.201	0.03	0.2	0.6	<0.02	0.38	<5	0.6	<0.02	0.7	0.16	<0.1	<0.02
CHB1131868	Soil	10.7	17.5	0.36	473.2	0.016	2	1.22	0.013	0.06	0.1	4.6	0.08	0.02	270	0.2	0.02	3.7	0.97	<0.1	<0.02
CHB1131869	Soil	11.0	17.4	0.39	499.1	0.015	2	1.30	0.013	0.07	<0.1	4.6	0.08	0.02	54	0.2	0.02	3.9	0.99	<0.1	<0.02
CHB1131870	Soil	11.1	19.7	0.38	542.5	0.017	2	1.32	0.012	0.07	<0.1	4.8	0.08	0.02	63	0.3	<0.02	3.9	1.01	<0.1	0.03
CHB1131871	Soil	10.0	18.1	0.36	438.3	0.013	1	1.23	0.011	0.06	<0.1	4.1	0.08	<0.02	64	0.2	0.02	3.6	0.94	<0.1	<0.02
CHB1131872	Soil	9.6	18.1	0.39	477.2	0.013	2	1.35	0.011	0.06	0.1	3.9	0.07	0.02	70	0.1	<0.02	3.5	0.88	<0.1	<0.02
CHB1131873	Soil	10.6	18.4	0.42	611.0	0.011	1	1.41	0.011	0.06	<0.1	4.2	0.08	0.03	83	0.3	<0.02	3.8	0.96	<0.1	0.02
CHB1131874	Soil	9.0	17.5	0.37	435.5	0.012	<1	1.33	0.009	0.06	0.1	3.5	0.05	<0.02	49	0.2	<0.02	3.4	0.88	<0.1	<0.02
CHB1131875	Soil	11.0	16.8	0.36	565.4	0.006	1	1.12	0.010	0.04	<0.1	3.9	0.07	0.02	55	0.2	0.03	3.0	0.67	<0.1	0.03
CHB1131876	Soil	10.8	17.2	0.38	484.3	0.007	<1	1.13	0.010	0.04	0.1	3.9	0.07	<0.02	66	0.1	0.02	3.1	0.66	<0.1	0.03
CHB1131877	Soil	11.8	17.0	0.35	626.0	0.004	<1	1.14	0.009	0.04	<0.1	3.9	0.07	0.03	77	0.2	<0.02	2.9	0.57	<0.1	<0.02
CHB1131878	Soil	10.9	17.5	0.38	584.5	0.006	1	1.11	0.009	0.04	<0.1	3.9	0.06	0.02	66	0.1	0.02	3.0	0.63	<0.1	0.02
CHB1131879	Soil	13.4	18.7	0.39	488.2	0.008	1	1.17	0.014	0.05	0.1	5.4	0.09	0.02	66	0.2	<0.02	3.3	0.76	<0.1	0.03
CHB1131880	Soil	11.3	14.7	0.31	376.6	0.010	<1	0.89	0.011	0.04	0.1	4.0	0.06	<0.02	56	0.2	<0.02	2.7	0.62	<0.1	<0.02

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Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
CHB1131857	Soil	0.13	4.6	0.4	<0.05	1.5	7.52	20.9	0.03	<1	0.4	8.9	<10	<2
CHB1131858	Soil	0.14	6.0	0.3	<0.05	0.9	8.03	21.2	0.03	<1	0.5	10.3	<10	<2
CHB1131859	Soil	0.22	6.3	0.4	<0.05	0.7	9.25	22.2	0.03	<1	0.6	11.0	<10	<2
CHB1131860	Soil	0.09	6.4	0.4	<0.05	0.8	7.40	15.0	<0.02	<1	0.5	11.0	<10	<2
CHB1131861	Soil	0.10	5.6	0.4	<0.05	0.9	7.16	14.7	0.03	<1	0.4	10.5	<10	<2
CHB1131862	Soil	0.09	6.3	0.4	<0.05	1.1	7.66	14.6	0.03	2	0.4	11.0	<10	<2
CHB1131863	Soil	0.11	6.4	0.5	<0.05	0.8	7.47	15.3	0.03	<1	0.4	11.0	<10	<2
CHB1131864	Soil	0.29	6.7	0.3	<0.05	0.5	8.44	21.8	0.03	2	0.5	11.8	<10	<2
CHB1131865	Soil	0.32	7.1	0.4	<0.05	0.4	8.00	21.7	0.03	<1	0.5	11.9	<10	<2
CHB1131866	Rock Pulp	0.42	3.2	47.1	<0.05	5.5	5.54	12.8	2.93	21	0.2	6.7	248	<2
CHB1131867	Soil	0.11	1.3	0.2	<0.05	0.8	1.64	2.8	<0.02	<1	0.1	1.9	<10	<2
CHB1131868	Soil	0.30	6.7	0.3	<0.05	0.4	8.42	21.3	0.02	<1	0.5	12.3	<10	<2
CHB1131869	Soil	0.33	7.5	0.3	<0.05	0.4	8.83	21.6	0.03	<1	0.4	12.8	<10	<2
CHB1131870	Soil	0.34	7.4	0.3	<0.05	0.5	9.09	22.6	0.04	<1	0.7	13.1	<10	<2
CHB1131871	Soil	0.28	7.1	0.3	<0.05	0.5	8.20	20.1	0.03	<1	0.5	12.8	<10	<2
CHB1131872	Soil	0.33	7.4	0.4	<0.05	0.4	8.04	19.2	0.03	<1	0.5	14.1	<10	<2
CHB1131873	Soil	0.33	8.6	0.4	<0.05	0.5	9.12	20.5	0.03	1	0.5	16.2	<10	<2
CHB1131874	Soil	0.30	7.1	0.3	<0.05	0.4	7.16	17.5	<0.02	<1	0.4	14.0	<10	<2
CHB1131875	Soil	0.25	6.7	0.3	<0.05	0.6	8.97	18.6	0.03	1	0.4	12.4	<10	<2
CHB1131876	Soil	0.24	6.4	0.3	<0.05	0.5	8.31	18.4	0.02	<1	0.3	12.7	<10	<2
CHB1131877	Soil	0.28	6.0	0.3	<0.05	0.6	10.35	19.3	0.03	<1	0.5	12.1	<10	<2
CHB1131878	Soil	0.26	6.1	0.3	<0.05	0.6	8.62	18.2	0.03	<1	0.4	12.8	<10	<2
CHB1131879	Soil	0.23	6.3	0.3	<0.05	0.6	10.03	23.3	0.04	<1	0.5	11.9	<10	<2
CHB1131880	Soil	0.24	5.1	0.3	<0.05	0.5	7.91	19.4	0.02	<1	0.5	8.8	<10	<2

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

Project: Hudson Bay Mountain
Report Date: October 08, 2011

QUALITY CONTROL REPORT SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
SHB1131579	Soil	1.10	37.79	10.52	84.1	114	23.8	13.2	959	4.10	14.2	0.6	3.4	0.9	39.5	0.22	0.46	0.33	56	0.56	0.055
REP SHB1131579	QC	1.07	37.39	10.23	81.0	115	23.2	13.8	938	4.06	13.5	0.6	2.5	0.9	38.8	0.22	0.43	0.25	56	0.56	0.053
SHB1131912	Soil	1.03	20.43	10.25	61.5	27	15.7	11.3	680	3.15	14.6	0.4	12.3	1.1	19.7	0.17	0.82	0.19	61	0.28	0.033
REP SHB1131912	QC	0.93	20.39	10.36	60.3	30	16.0	11.4	681	3.17	14.9	0.4	2.7	1.2	20.3	0.15	0.86	0.10	61	0.28	0.033
SHB1131916	Soil	1.27	24.34	20.29	124.3	424	15.1	13.3	723	3.76	27.5	0.5	2.1	0.7	20.9	0.42	1.38	0.18	66	0.27	0.075
REP SHB1131916	QC	1.26	25.56	20.80	127.5	432	16.0	13.9	754	3.91	28.5	0.5	2.0	0.7	21.1	0.42	1.45	0.19	69	0.29	0.075
SHB1131938	Soil	0.98	13.54	7.58	67.4	149	14.2	7.2	222	3.24	25.3	0.3	0.3	0.3	15.5	0.20	0.64	0.15	65	0.15	0.045
REP SHB1131938	QC	0.99	13.37	7.69	68.1	155	14.0	7.4	223	3.23	24.6	0.3	2.6	0.3	15.7	0.18	0.63	0.15	65	0.15	0.044
SHB1131961	Soil	1.32	79.74	13.76	150.1	317	27.3	20.2	998	3.95	44.2	0.8	2.9	0.3	25.4	0.72	1.10	0.21	57	0.34	0.106
REP SHB1131961	QC	1.35	79.63	13.64	150.3	330	27.3	20.6	1111	3.99	43.3	0.8	2.6	0.3	25.9	0.67	1.08	0.22	58	0.34	0.102
CHB1131857	Soil	0.87	17.89	7.95	84.7	54	19.2	10.9	754	4.05	14.1	1.0	1.4	1.8	65.6	0.17	0.76	0.10	93	0.45	0.098
REP CHB1131857	QC	0.91	18.25	8.42	88.2	53	19.3	11.2	758	4.09	14.5	1.1	1.1	2.0	70.0	0.20	0.75	0.10	96	0.47	0.104
Reference Materials																					
STD DS8	Standard	13.46	111.0	125.4	319.5	1924	39.3	7.8	614	2.42	22.9	2.6	123.1	6.9	58.9	2.24	5.30	6.01	40	0.72	0.073
STD DS8	Standard	11.68	111.4	131.1	285.9	1633	36.3	7.2	564	2.36	23.4	2.9	105.9	7.2	54.5	2.16	5.14	6.46	38	0.64	0.077
STD DS8	Standard	12.94	108.4	124.3	299.1	1904	36.4	7.2	601	2.45	23.6	2.8	108.4	6.5	63.7	2.22	5.48	6.51	41	0.71	0.077
STD DS8	Standard	12.85	105.7	124.5	316.8	1817	36.0	6.9	612	2.45	25.4	2.7	115.8	7.0	64.9	2.39	5.29	5.61	41	0.71	0.083
STD DS8	Standard	11.53	104.1	120.4	307.7	1808	36.1	7.3	590	2.42	23.9	2.5	110.0	6.2	56.9	2.22	5.12	6.10	40	0.66	0.079
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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

Project: Hudson Bay Mountain
Report Date: October 08, 2011

QUALITY CONTROL REPORT SMI11000399.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
SHB1131579	Soil	10.0	24.7	0.58	204.2	0.004	2	2.60	0.004	0.08	0.1	7.5	0.09	<0.02	20	0.1	0.05	6.5	1.14	<0.1	0.07
REP SHB1131579	QC	9.6	23.7	0.59	195.8	0.004	1	2.65	0.005	0.08	0.1	7.3	0.09	<0.02	9	<0.1	0.02	6.5	1.12	<0.1	0.06
SHB1131912	Soil	6.6	21.2	0.50	101.1	0.052	1	1.39	0.010	0.05	0.2	4.3	0.07	<0.02	24	<0.1	<0.02	4.0	0.93	<0.1	0.05
REP SHB1131912	QC	6.8	21.1	0.50	104.1	0.053	1	1.42	0.011	0.05	0.1	4.4	0.07	<0.02	33	<0.1	<0.02	4.3	0.95	<0.1	0.04
SHB1131916	Soil	5.7	20.6	0.60	106.8	0.019	2	1.71	0.008	0.05	0.1	4.2	0.04	0.02	37	0.2	0.04	5.1	1.90	<0.1	<0.02
REP SHB1131916	QC	6.1	21.5	0.62	109.4	0.022	2	1.82	0.009	0.05	0.1	4.4	0.05	0.02	29	0.2	0.02	5.5	2.01	<0.1	<0.02
SHB1131938	Soil	4.9	17.2	0.29	86.4	0.014	<1	1.56	0.006	0.03	0.1	1.9	0.05	<0.02	28	0.1	<0.02	5.0	1.12	<0.1	<0.02
REP SHB1131938	QC	4.8	17.5	0.29	84.3	0.014	<1	1.57	0.006	0.03	0.2	2.0	0.05	<0.02	39	0.2	0.03	4.9	1.12	<0.1	<0.02
SHB1131961	Soil	7.8	21.8	0.56	187.3	0.014	<1	2.65	0.004	0.06	<0.1	3.3	0.07	0.05	102	0.6	0.05	5.6	20.95	<0.1	<0.02
REP SHB1131961	QC	7.5	21.5	0.56	184.5	0.015	1	2.67	0.004	0.07	<0.1	3.3	0.08	0.05	88	0.6	0.05	5.6	21.20	<0.1	<0.02
CHB1131857	Soil	9.8	18.7	0.43	253.9	0.032	1	1.19	0.035	0.06	<0.1	4.0	0.06	<0.02	53	<0.1	<0.02	4.0	1.02	<0.1	0.03
REP CHB1131857	QC	10.6	20.2	0.45	269.2	0.038	2	1.23	0.035	0.07	<0.1	4.2	0.06	<0.02	266	0.1	<0.02	4.2	1.07	<0.1	0.03
Reference Materials																					
STD DS8	Standard	14.7	122.9	0.62	266.7	0.111	2	0.96	0.105	0.44	3.0	2.4	5.64	0.16	181	5.2	4.86	4.9	2.53	<0.1	0.09
STD DS8	Standard	13.3	110.3	0.58	233.6	0.097	2	0.86	0.089	0.40	2.7	2.2	5.39	0.15	202	4.8	4.52	4.1	2.30	<0.1	0.07
STD DS8	Standard	14.5	121.6	0.61	264.0	0.105	3	1.02	0.127	0.45	3.0	2.2	5.57	0.16	216	4.9	4.89	4.6	2.43	0.1	0.07
STD DS8	Standard	14.9	118.0	0.62	290.5	0.106	2	0.97	0.109	0.44	3.0	2.3	5.59	0.16	206	5.5	5.04	4.7	2.43	0.1	0.09
STD DS8	Standard	12.6	116.2	0.58	253.7	0.101	3	0.87	0.085	0.40	3.3	1.9	5.45	0.16	207	5.2	5.02	4.7	2.48	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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Project: Hudson Bay Mountain
Report Date: October 08, 2011

QUALITY CONTROL REPORT SMI11000399.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
SHB1131579	Soil	0.53	7.4	0.5	<0.05	1.8	14.34	20.4	0.06	2	0.7	25.8	<10	<2
REP SHB1131579	QC	0.49	7.2	0.4	<0.05	1.6	14.06	19.8	0.06	<1	0.7	24.9	<10	<2
SHB1131912	Soil	0.38	5.1	0.4	<0.05	1.2	5.74	18.6	0.04	2	0.4	11.7	<10	<2
REP SHB1131912	QC	0.37	5.1	0.3	<0.05	1.2	5.90	18.9	0.04	3	0.3	12.2	<10	<2
SHB1131916	Soil	0.35	4.5	0.3	<0.05	0.4	4.44	13.9	0.05	<1	0.4	19.0	<10	<2
REP SHB1131916	QC	0.36	4.5	0.4	<0.05	0.4	4.54	14.7	0.04	<1	0.4	19.9	<10	<2
SHB1131938	Soil	0.58	6.1	0.4	<0.05	<0.1	2.48	10.9	0.04	<1	0.3	11.7	<10	<2
REP SHB1131938	QC	0.54	5.8	0.4	<0.05	0.3	2.56	10.6	0.03	<1	0.3	12.0	<10	<2
SHB1131961	Soil	0.47	5.9	0.3	<0.05	0.3	12.13	40.0	0.06	2	0.3	25.9	<10	<2
REP SHB1131961	QC	0.42	6.1	0.3	<0.05	0.3	12.31	39.5	0.06	<1	0.3	26.5	<10	<2
CHB1131857	Soil	0.13	4.6	0.4	<0.05	1.5	7.52	20.9	0.03	<1	0.4	8.9	<10	<2
REP CHB1131857	QC	0.15	4.8	0.4	<0.05	1.5	7.85	22.4	0.03	<1	0.5	9.5	<10	<2
Reference Materials														
STD DS8	Standard	1.32	40.0	6.3	<0.05	1.8	5.94	26.2	2.23	64	5.4	26.0	115	354
STD DS8	Standard	0.96	36.9	6.2	<0.05	1.5	5.09	22.5	2.12	51	4.8	27.3	112	333
STD DS8	Standard	1.35	37.7	6.6	<0.05	1.7	5.88	26.5	2.25	53	5.2	27.3	112	350
STD DS8	Standard	1.27	38.5	6.6	<0.05	2.1	6.10	28.3	2.22	62	5.1	29.4	101	350
STD DS8	Standard	1.17	38.4	6.3	<0.05	1.6	5.32	24.7	2.18	48	5.2	27.5	123	358
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: September 06, 2011
Report Date: September 19, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI11000399A.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mtn
Shipment ID: HBM5
P.O. Number
Number of Samples: 1

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	1	Dry at 60C			SMI
SS80	1	Dry at 60C sieve 100g to -80 mesh			SMI
RJSV	1	Saving all or part of Soil Reject			SMI
1F05	1	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Lions Gate Metals
880-609 Granville St. PO Box 10321,
Pacific Centre
Vancouver BC V7Y 1G5
Canada

CC: Lorie Farrell
Blair

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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: Hudson Bay Mtn
Report Date: September 19, 2011

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
SHB1131906	Soil	1.02	16.27	9.10	120.8	120	19.0	9.6	432	3.86	23.6	0.3	2.3	0.6	19.0	0.42	0.65	0.18	64	0.27	0.158

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
SHB1131906	Soil	3.7	20.0	0.40	135.2	0.012	1	1.85	0.005	0.05	0.2	2.8	0.04	<0.02	37	0.1	<0.02	5.9	0.89	<0.1	0.03

Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Lions Gate Metals**
880-609 Granville St. PO Box 10321, Pacific Centre
Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mtn
Report Date: September 19, 2011

CERTIFICATE OF ANALYSIS SMI11000399A.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
SHB1131906	Soil		0.84	6.2	0.4	<0.05	0.6	2.43	11.4	0.05	<1	0.8	13.6	<10	<2

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Project: Hudson Bay Mtn
Report Date: September 19, 2011

QUALITY CONTROL REPORT SMI11000399A.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	13.01	110.8	129.1	330.7	1892	41.1	8.2	661	2.61	30.0	2.7	124.0	6.5	57.2	2.54	5.23	6.94	43	0.71	0.084
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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QUALITY CONTROL REPORT SMI11000399A.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Reference Materials																					
STD DS8	Standard	12.9	127.5	0.64	253.1	0.100	2	1.02	0.119	0.46	2.8	2.1	5.85	0.17	215	5.8	4.74	4.8	2.66	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT SMI11000399A.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Reference Materials														
STD DS8	Standard	1.14	40.0	6.9	<0.05	1.7	5.15	24.8	2.28	55	5.6	29.3	109	388
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Client: **Lions Gate Metals Inc.**
880 - 609 Granville St.
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Submitted By: Andrew Gourlay
Receiving Lab: Canada-Smithers
Received: September 02, 2011
Report Date: November 02, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS SMI11000400.1

CLIENT JOB INFORMATION

Project: Hudson Bay Mountain
Shipment ID: HBM6
P.O. Number
Number of Samples: 50

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	47	Crush, split and pulverize 250 g rock to 200 mesh			SMI
G601	50	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1EX	50	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN
7TD	4	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Lorie Farrell
Blair McIntyre

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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: Hudson Bay Mountain
Report Date: November 02, 2011

CERTIFICATE OF ANALYSIS SMI11000400.1

	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	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
RHB1051601	Rock	0.57	<0.005	1.0	10.9	5.0	102	<0.1	6.6	8.5	735	4.11	3	1.3	<0.1	2.7	336	0.2	0.3	0.1	72
RHB1051602	Rock	0.80	<0.005	0.3	39.5	4.7	93	<0.1	33.3	38.3	1444	7.05	16	0.2	<0.1	0.3	206	0.3	2.8	<0.1	238
RHB1051603	Rock	0.64	<0.005	0.2	13.6	14.2	77	0.1	2.6	7.7	633	2.99	7	2.1	<0.1	3.6	138	0.2	0.7	0.2	40
RHB1051604	Rock	1.77	<0.005	0.4	85.2	18.3	202	<0.1	6.2	11.2	1079	1.29	10	0.5	<0.1	1.2	47	0.9	39.4	<0.1	20
RHB1051605	Rock	1.04	<0.005	1.2	17.8	9.4	82	<0.1	7.2	9.0	911	4.98	13	1.8	<0.1	2.6	253	0.1	1.0	0.1	88
RHB1051606	Rock	0.47	<0.005	2.4	14.7	9.8	106	<0.1	7.3	12.8	999	5.34	8	1.5	<0.1	3.2	1386	0.1	0.7	0.2	82
RHB1051607	Rock	0.35	<0.005	0.5	18.2	8.8	92	<0.1	7.6	12.3	831	4.66	11	1.2	<0.1	2.6	379	0.1	1.0	0.2	86
RHB1051608	Rock	0.75	<0.005	2.4	7.6	6.8	23	<0.1	2.3	3.0	283	3.09	13	0.9	<0.1	2.2	299	<0.1	0.9	<0.1	50
RHB1051609	Rock Pulp	0.06	0.872	22.9	5113	6187	>10000	69.7	52.1	20.1	527	8.98	413	2.0	0.8	2.2	152	225.9	102.6	25.3	75
RHB1051610	Rock	1.08	<0.005	0.6	36.4	9.9	176	<0.1	89.6	48.3	1426	7.48	5	0.3	<0.1	0.6	310	0.3	0.3	<0.1	315
RHB1051611	Rock	0.52	<0.005	0.4	4.4	9.7	64	<0.1	4.4	12.3	557	4.64	19	1.1	<0.1	1.9	85	<0.1	0.9	<0.1	81
RHB1051612	Rock	0.69	<0.005	0.4	36.5	6.2	87	<0.1	89.6	43.5	1247	6.85	6	0.2	<0.1	0.4	517	<0.1	0.4	<0.1	262
RHB1051613	Rock	0.60	<0.005	1.0	7.3	5.6	204	<0.1	2.1	6.9	769	4.06	8	2.1	<0.1	4.4	54	<0.1	0.3	<0.1	51
RHB1051614	Rock	1.42	<0.005	0.5	8.7	9.9	127	<0.1	14.2	23.7	1199	4.84	5	0.5	<0.1	1.2	283	0.2	0.9	<0.1	234
RHB1051615	Rock	0.96	<0.005	0.3	162.1	4.0	227	0.1	0.8	11.8	1695	4.30	8	1.1	<0.1	2.6	45	<0.1	0.4	<0.1	18
RHB1051616	Rock	0.92	<0.005	0.2	6.8	1.6	70	<0.1	2.0	9.1	1007	4.35	4	1.0	<0.1	2.4	50	<0.1	<0.1	<0.1	53
RHB1051617	Rock	0.57	<0.005	0.5	71.9	885.2	299	0.3	123.5	46.4	2822	6.75	10	0.2	<0.1	0.4	177	1.6	0.2	<0.1	281
RHB1051618	Rock	0.36	<0.005	0.2	3.7	23.9	8	<0.1	1.6	0.6	76	0.47	1	20.4	<0.1	2.9	63	<0.1	<0.1	<0.1	7
RHB1051619	Rock	0.47	<0.005	<0.1	0.8	5.3	5	<0.1	<0.1	0.6	37	0.05	4	1.5	<0.1	<0.1	4222	<0.1	<0.1	<0.1	2
RHB1051620	Rock	0.51	<0.005	1.6	5.5	5.9	60	<0.1	2.3	6.5	927	3.63	12	1.4	<0.1	2.4	36	0.2	0.5	<0.1	78
RHB1051621	Rock	1.30	<0.005	1.6	16.6	6.9	71	<0.1	3.7	8.3	665	3.91	19	0.8	<0.1	1.3	179	0.2	1.6	<0.1	93
RHB1051622	Rock	0.59	<0.005	4.8	9.4	7.5	25	<0.1	1.6	2.4	394	5.04	16	1.1	<0.1	2.5	174	<0.1	1.0	<0.1	65
RHB1051623	Rock	0.95	<0.005	0.2	95.8	6.7	76	<0.1	163.5	49.9	1863	7.12	6	0.4	<0.1	0.2	298	<0.1	0.2	<0.1	232
RHB1051624	Rock	1.03	<0.005	0.1	13.4	0.8	8	<0.1	<0.1	0.5	1181	0.28	<1	2.7	<0.1	<0.1	190	0.3	<0.1	<0.1	14
RHB1051625	Rock	0.92	<0.005	0.5	48.5	6.7	35	0.2	21.3	16.5	432	5.31	10	0.6	<0.1	1.1	115	<0.1	0.4	<0.1	206
RHB1051626	Rock	0.73	<0.005	0.5	41.2	14.0	144	0.1	79.2	35.8	1163	6.65	7	0.2	<0.1	0.3	66	0.2	0.1	<0.1	239
RHB1051627	Rock	1.09	0.006	0.6	327.2	9.4	203	1.1	49.8	32.1	2703	4.75	<1	0.1	<0.1	0.1	305	1.4	0.1	<0.1	143
RHB1051628	Rock	1.49	<0.005	0.2	223.4	9.5	116	0.3	18.8	46.4	1716	22.19	3	0.4	<0.1	1.2	75	<0.1	4.5	<0.1	96
RHB1051629	Rock	1.94	<0.005	0.9	105.1	8.0	75	0.2	3.6	5.4	2027	8.41	64	0.4	<0.1	0.4	593	0.2	0.4	<0.1	47
RHB1051630	Rock	0.85	<0.005	0.5	8.4	2.8	39	<0.1	1.1	1.4	497	2.19	3	1.5	<0.1	3.5	59	<0.1	1.3	<0.1	5

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Vancouver BC V7Y 1G5 Canada

Project: Hudson Bay Mountain
Report Date: November 02, 2011

CERTIFICATE OF ANALYSIS SMI11000400.1

	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	Li
	Unit	%	%	ppm	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	0.1
RHB1051601	Rock	2.05	0.257	21.9	10	1.03	846	0.403	9.27	2.978	2.12	2.7	108.4	40	1.1	35.8	5.0	0.3	1	16	31.3
RHB1051602	Rock	2.57	0.064	2.9	88	2.14	111	0.436	7.36	4.680	0.03	0.1	23.4	7	0.4	13.9	0.8	<0.1	<1	33	14.9
RHB1051603	Rock	3.19	0.040	9.3	5	0.79	1029	0.358	9.53	1.026	2.31	0.4	285.7	28	2.9	32.4	8.6	0.5	1	17	22.0
RHB1051604	Rock	0.94	0.017	8.3	3	0.22	177	0.188	5.04	0.224	0.17	0.3	57.7	20	0.9	21.1	2.1	<0.1	<1	12	155.7
RHB1051605	Rock	2.02	0.074	9.2	22	1.33	1003	0.566	9.65	2.259	2.34	0.4	118.3	21	1.3	20.9	4.7	0.3	1	22	33.8
RHB1051606	Rock	1.97	0.098	17.7	13	0.95	1134	0.515	9.76	1.606	2.08	0.7	145.8	33	1.5	36.2	5.2	0.3	2	23	39.8
RHB1051607	Rock	1.54	0.058	13.2	16	0.68	744	0.539	8.54	1.827	2.48	0.6	124.1	27	1.3	26.6	5.0	0.3	1	21	30.7
RHB1051608	Rock	1.47	0.050	11.2	15	0.40	629	0.374	7.68	3.332	1.53	0.5	78.1	21	0.9	13.2	3.7	0.2	1	15	16.5
RHB1051609	Rock Pulp	1.76	0.048	11.6	26	0.88	273	0.174	3.66	1.223	0.71	1.2	35.8	24	51.5	12.0	4.5	0.2	<1	7	11.6
RHB1051610	Rock	5.41	0.068	5.6	187	4.22	975	0.630	8.38	1.995	0.94	0.1	49.0	12	0.6	22.1	1.5	<0.1	<1	39	27.3
RHB1051611	Rock	0.66	0.053	12.6	7	1.10	1472	0.349	6.97	3.494	2.21	0.3	69.9	25	1.3	30.6	3.9	0.2	<1	19	20.7
RHB1051612	Rock	5.55	0.057	4.3	190	4.61	1810	0.479	7.62	1.779	1.09	<0.1	39.5	9	0.4	18.3	1.1	<0.1	<1	34	38.9
RHB1051613	Rock	0.68	0.075	17.1	4	1.07	1253	0.347	7.43	3.328	2.90	0.5	176.5	38	1.0	47.4	7.4	0.4	<1	19	12.7
RHB1051614	Rock	4.31	0.061	7.0	54	2.19	2167	0.473	7.40	2.366	1.81	0.2	79.9	15	0.8	25.0	3.2	0.2	<1	24	24.2
RHB1051615	Rock	2.12	0.086	10.4	1	1.79	571	0.510	7.03	3.685	2.59	0.4	135.4	23	1.5	56.6	5.6	0.3	1	18	26.7
RHB1051616	Rock	1.73	0.081	11.7	5	0.59	518	0.436	6.39	3.308	1.56	0.3	95.5	27	0.3	31.7	4.0	0.2	<1	19	19.0
RHB1051617	Rock	4.94	0.062	4.8	266	4.54	1910	0.568	7.55	2.801	0.56	0.2	36.1	10	0.4	19.6	1.0	<0.1	<1	37	58.5
RHB1051618	Rock	0.40	0.005	0.9	5	0.04	123	0.028	4.14	2.096	2.64	0.2	2.1	2	0.3	2.3	6.8	0.8	1	1	9.4
RHB1051619	Rock	37.39	0.004	0.5	<1	1.54	14	0.006	0.13	0.011	<0.01	<0.1	0.6	<1	<0.1	0.4	0.2	<0.1	<1	<1	0.9
RHB1051620	Rock	0.22	0.052	8.8	3	0.12	860	0.398	5.94	2.942	2.31	0.5	102.1	17	1.3	17.7	4.0	0.2	<1	13	7.5
RHB1051621	Rock	2.17	0.093	7.3	11	0.81	95	0.497	8.91	3.683	0.41	0.7	103.1	17	0.9	18.6	3.2	0.2	<1	21	26.7
RHB1051622	Rock	2.12	0.057	5.7	13	0.37	463	0.400	8.05	2.557	1.03	0.6	92.7	12	0.9	12.2	4.1	0.3	<1	12	14.1
RHB1051623	Rock	5.27	0.046	3.4	191	4.08	1046	0.444	8.37	2.211	0.66	0.3	33.0	7	0.4	18.6	0.6	<0.1	<1	33	48.7
RHB1051624	Rock	39.01	0.022	0.8	<1	0.10	15	0.017	0.30	0.013	0.06	<0.1	3.0	<1	<0.1	2.3	0.2	<0.1	<1	<1	1.7
RHB1051625	Rock	4.44	0.050	3.5	66	1.79	710	0.416	7.55	0.530	0.83	0.2	57.7	7	0.6	10.0	2.0	0.1	<1	28	33.7
RHB1051626	Rock	10.48	0.055	3.9	161	2.32	208	0.425	7.03	1.582	0.42	0.2	28.6	8	0.3	14.5	0.8	<0.1	<1	30	26.6
RHB1051627	Rock	17.35	0.021	2.7	72	3.78	5561	0.210	3.63	0.096	0.10	<0.1	11.4	6	0.1	13.1	0.4	<0.1	<1	18	27.0
RHB1051628	Rock	3.04	0.095	10.9	30	1.43	32	0.181	3.93	0.096	0.07	0.2	23.0	24	0.4	16.9	2.2	0.1	<1	12	74.6
RHB1051629	Rock	22.47	0.313	7.1	8	1.46	131	0.088	1.59	0.009	0.01	0.1	27.8	14	0.1	19.7	0.7	<0.1	<1	7	39.3
RHB1051630	Rock	0.80	0.013	8.6	11	0.19	674	0.166	5.89	3.366	1.66	0.3	109.0	20	1.3	35.3	6.8	0.3	1	11	18.5

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Project: Hudson Bay Mountain
Report Date: November 02, 2011

CERTIFICATE OF ANALYSIS SMI11000400.1

Method		1EX	1EX	1EX	7TD	7TD
Analyte		S	Rb	Hf	Cu	Zn
Unit		%	ppm	ppm	%	%
MDL		0.1	0.1	0.1	0.001	0.01
RHB1051601	Rock	<0.1	53.8	3.1		
RHB1051602	Rock	<0.1	1.1	0.7		
RHB1051603	Rock	<0.1	36.6	8.1		
RHB1051604	Rock	<0.1	5.1	1.7		
RHB1051605	Rock	<0.1	46.1	3.4		
RHB1051606	Rock	0.3	57.6	4.5		
RHB1051607	Rock	0.6	71.2	3.7		
RHB1051608	Rock	0.5	39.7	2.3		
RHB1051609	Rock Pulp	9.5	24.5	1.0	0.522	4.15
RHB1051610	Rock	<0.1	19.5	1.4		
RHB1051611	Rock	<0.1	36.8	2.4		
RHB1051612	Rock	<0.1	19.8	1.1		
RHB1051613	Rock	<0.1	49.1	5.4		
RHB1051614	Rock	<0.1	20.9	2.5		
RHB1051615	Rock	<0.1	40.5	4.2		
RHB1051616	Rock	<0.1	30.8	2.8		
RHB1051617	Rock	<0.1	8.0	1.1		
RHB1051618	Rock	<0.1	98.2	<0.1		
RHB1051619	Rock	<0.1	0.6	<0.1		
RHB1051620	Rock	<0.1	35.1	3.0		
RHB1051621	Rock	<0.1	6.1	2.9		
RHB1051622	Rock	0.7	27.0	2.6		
RHB1051623	Rock	<0.1	8.4	1.0		
RHB1051624	Rock	<0.1	1.3	<0.1		
RHB1051625	Rock	0.2	24.0	1.7		
RHB1051626	Rock	<0.1	15.5	0.8		
RHB1051627	Rock	0.2	4.2	0.3		
RHB1051628	Rock	9.0	3.7	0.8		
RHB1051629	Rock	3.0	0.9	0.6		
RHB1051630	Rock	<0.1	51.7	2.9		

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CERTIFICATE OF ANALYSIS SMI11000400.1

	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	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
RHB1051631	Rock	1.54	0.028	0.8	956.6	3.4	55	0.5	12.5	81.7	1734	8.47	29	1.1	<0.1	1.9	876	<0.1	2.7	0.4	415
RHB1051632	Rock	0.58	<0.005	0.3	5.7	2.5	83	<0.1	34.9	28.8	1559	6.54	11	0.3	<0.1	0.5	473	<0.1	1.8	<0.1	265
RHB1051633	Rock	1.07	<0.005	0.3	7.5	5.0	86	<0.1	7.5	21.3	2040	6.11	18	0.4	<0.1	0.8	528	<0.1	3.6	0.3	226
RHB1051634	Rock	1.74	<0.005	0.4	1179	14.5	87	19.6	1.0	5.2	600	1.29	8	0.9	<0.1	2.2	38	0.6	1.7	<0.1	25
RHB1051635	Rock	2.66	<0.005	0.3	53.9	5.8	34	0.3	0.8	3.5	1214	4.00	4	0.5	<0.1	2.2	37	0.2	3.1	<0.1	8
RHB1051636	Rock	0.92	0.009	0.6	3350	22.0	235	42.9	1.2	3.1	921	1.95	18	0.8	<0.1	1.9	49	1.2	4.7	0.1	25
RHB1051637	Rock	1.07	<0.005	0.9	1437	15.3	95	19.4	0.8	1.4	470	2.62	13	1.0	<0.1	2.6	42	0.3	2.9	<0.1	21
RHB1051638	Rock	1.07	0.032	0.7	6074	89.2	403	167.7	1.7	4.5	856	3.21	36	0.8	<0.1	2.2	47	1.9	25.1	0.2	33
RHB1051639	Rock	1.47	0.026	6.3	>10000	305.3	727	31.1	1.5	5.7	1994	3.71	372	1.2	<0.1	2.8	7	5.7	136.6	0.5	20
RHB1051640	Rock Pulp	0.16	0.911	24.4	5484	6414	>10000	73.9	50.3	20.8	566	9.63	210	2.0	0.8	1.9	156	254.8	114.5	25.5	78
RHB1051641	Rock	0.47	<0.005	0.2	47.2	8.7	34	0.2	<0.1	0.4	30	0.04	<1	1.3	<0.1	<0.1	4220	0.2	0.6	<0.1	<1
RHB1051585	Rock	0.38	<0.005	1.6	59.1	12.6	52	0.5	6.5	4.5	301	2.74	2	1.0	<0.1	3.4	257	<0.1	1.4	0.2	175
RHB1051586	Rock	0.53	0.015	0.9	115.8	4.9	57	0.2	0.8	4.3	1318	3.96	5	1.2	<0.1	2.9	78	0.1	1.1	8.4	10
RHB1051587	Rock	0.34	<0.005	1.7	39.4	16.6	80	0.3	17.8	11.1	310	4.51	1	0.7	<0.1	2.1	201	0.3	1.4	0.2	177
RHB1051588	Rock	0.40	<0.005	1.0	17.5	9.4	29	<0.1	4.8	3.5	326	2.15	1	0.9	<0.1	2.7	228	<0.1	0.8	0.1	168
RHB1051589	Rock	0.57	<0.005	2.2	99.2	5.4	34	<0.1	6.9	6.2	290	2.25	2	4.2	<0.1	9.2	242	0.1	0.5	0.3	40
RHB1051590	Rock Pulp	0.10	0.899	24.2	5474	6346	>10000	71.2	48.4	20.5	555	9.40	198	2.0	0.8	1.9	147	242.8	114.1	25.9	77
RHB1051591	Rock	0.41	<0.005	<0.1	1.8	1.5	7	<0.1	<0.1	0.3	41	0.06	<1	1.3	<0.1	<0.1	4544	0.2	<0.1	<0.1	<1
RHB1051592	Rock	1.08	0.018	0.7	42.7	16.1	66	0.2	12.3	9.8	500	20.68	3	0.5	<0.1	1.2	70	<0.1	0.4	<0.1	116
RHB1051593	Rock	0.52	0.023	0.4	65.6	34.1	101	0.3	24.4	26.9	1080	22.07	6	0.6	<0.1	1.2	20	<0.1	8.5	0.5	109

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Project: Hudson Bay Mountain
Report Date: November 02, 2011

CERTIFICATE OF ANALYSIS SMI11000400.1

	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	Li
	Unit	%	%	ppm	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	0.1
RHB1051631	Rock	9.27	0.146	18.0	19	1.47	174	0.905	8.40	0.423	0.78	0.6	62.2	31	3.4	37.0	3.8	0.2	<1	37	15.5
RHB1051632	Rock	5.06	0.087	2.2	55	3.15	616	0.509	8.68	2.996	1.09	0.4	21.7	5	0.5	13.7	2.5	0.1	<1	28	21.3
RHB1051633	Rock	5.73	0.100	10.6	35	1.52	666	0.494	8.66	2.891	1.41	0.6	14.0	25	0.9	28.2	4.2	0.2	<1	31	18.2
RHB1051634	Rock	0.19	0.071	6.1	24	0.17	2251	0.320	6.06	1.516	4.04	0.8	57.3	24	1.4	33.8	4.1	0.2	<1	10	9.9
RHB1051635	Rock	0.90	0.070	14.3	30	0.09	1140	0.437	5.35	2.181	2.86	0.6	14.2	30	3.9	36.9	4.6	0.2	<1	13	8.3
RHB1051636	Rock	0.79	0.069	12.4	32	0.21	2577	0.324	6.12	1.637	3.54	0.7	55.1	32	1.8	42.6	4.2	0.1	<1	11	12.3
RHB1051637	Rock	0.30	0.062	12.7	19	0.10	3206	0.332	7.05	1.741	2.91	1.1	64.7	33	1.6	40.7	6.1	0.3	<1	10	5.2
RHB1051638	Rock	0.24	0.052	9.6	32	0.27	2958	0.253	6.67	1.726	3.27	0.8	71.1	24	1.6	37.8	5.3	0.2	<1	11	12.3
RHB1051639	Rock	0.04	0.019	12.0	6	0.19	263	0.122	4.64	0.030	1.97	1.6	48.2	24	3.3	17.1	5.8	0.2	<1	5	64.9
RHB1051640	Rock Pulp	1.81	0.057	10.6	39	0.93	12	0.195	3.75	1.388	0.79	1.2	30.8	24	56.2	11.7	5.7	0.1	<1	7	11.6
RHB1051641	Rock	32.53	0.003	0.3	<1	1.87	6	0.002	0.03	0.002	<0.01	<0.1	0.2	<1	<0.1	0.4	0.1	<0.1	<1	<1	0.5
RHB1051585	Rock	1.30	0.032	14.3	42	0.55	368	0.622	9.42	1.371	1.31	0.7	38.3	32	1.0	7.7	6.3	0.4	<1	23	45.4
RHB1051586	Rock	2.72	0.059	15.9	35	0.50	249	0.371	6.52	2.369	1.11	1.8	48.7	33	2.4	41.7	4.5	0.2	<1	13	19.7
RHB1051587	Rock	0.75	0.031	11.9	43	0.85	410	0.491	9.69	1.070	1.54	0.7	32.5	27	1.4	7.1	3.4	0.2	1	24	62.8
RHB1051588	Rock	1.01	0.028	14.7	36	0.61	470	0.673	11.29	1.292	1.66	0.9	43.2	34	1.1	7.8	4.9	0.2	1	24	53.6
RHB1051589	Rock	1.36	0.054	24.5	19	0.57	1060	0.203	7.07	2.810	3.12	5.2	72.3	42	3.2	11.9	13.4	1.0	1	5	15.8
RHB1051590	Rock Pulp	1.76	0.055	10.5	37	0.90	12	0.190	3.84	1.367	0.75	1.0	31.0	23	54.2	12.0	4.7	0.1	<1	7	11.7
RHB1051591	Rock	32.45	0.003	0.4	<1	1.85	12	0.003	0.05	0.004	<0.01	<0.1	0.3	<1	<0.1	0.4	0.1	<0.1	<1	<1	0.8
RHB1051592	Rock	0.32	0.139	7.9	38	0.98	25	0.294	4.74	0.208	0.37	0.3	15.9	17	0.6	9.8	2.5	<0.1	<1	14	46.1
RHB1051593	Rock	0.26	0.147	10.9	34	1.19	31	0.205	4.42	0.025	0.05	0.2	31.5	20	0.5	11.9	2.0	0.1	<1	16	81.9

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CERTIFICATE OF ANALYSIS SMI11000400.1

	Method	1EX	1EX	1EX	7TD	7TD
	Analyte	S	Rb	Hf	Cu	Zn
	Unit	%	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	0.001	0.01
RHB1051631	Rock	0.2	13.2	1.9		
RHB1051632	Rock	<0.1	16.1	0.8		
RHB1051633	Rock	<0.1	14.7	0.7		
RHB1051634	Rock	<0.1	66.3	1.7		
RHB1051635	Rock	<0.1	49.7	0.5		
RHB1051636	Rock	<0.1	61.2	1.5		
RHB1051637	Rock	<0.1	51.9	1.9		
RHB1051638	Rock	0.2	61.0	1.9		
RHB1051639	Rock	<0.1	70.9	1.1	0.933	0.07
RHB1051640	Rock Pulp	9.7	23.0	0.8	0.510	4.12
RHB1051641	Rock	0.1	<0.1	<0.1		
RHB1051585	Rock	0.4	39.3	1.1		
RHB1051586	Rock	0.3	85.5	1.5		
RHB1051587	Rock	1.8	43.8	0.9		
RHB1051588	Rock	0.4	42.5	1.3		
RHB1051589	Rock	0.5	156.2	2.0		
RHB1051590	Rock Pulp	9.7	21.5	0.8	0.515	4.15
RHB1051591	Rock	0.2	<0.1	<0.1		
RHB1051592	Rock	8.2	12.8	0.5		
RHB1051593	Rock	7.8	3.0	0.7		

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QUALITY CONTROL REPORT SMI11000400.1

	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	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																					
RHB1051601	Rock	0.57	<0.005	1.0	10.9	5.0	102	<0.1	6.6	8.5	735	4.11	3	1.3	<0.1	2.7	336	0.2	0.3	0.1	72
REP RHB1051601	QC			1.3	9.9	5.1	95	<0.1	5.8	8.2	756	4.04	3	1.3	<0.1	2.9	324	0.2	0.3	0.1	70
RHB1051585	Rock	0.38	<0.005	1.6	59.1	12.6	52	0.5	6.5	4.5	301	2.74	2	1.0	<0.1	3.4	257	<0.1	1.4	0.2	175
REP RHB1051585	QC			1.5	59.9	12.4	50	0.5	5.6	4.7	308	2.85	2	1.0	<0.1	3.4	257	<0.1	1.3	0.2	179
RHB1051586	Rock	0.53	0.015	0.9	115.8	4.9	57	0.2	0.8	4.3	1318	3.96	5	1.2	<0.1	2.9	78	0.1	1.1	8.4	10
REP RHB1051586	QC		0.013																		
RHB1051593	Rock	0.52	0.023	0.4	65.6	34.1	101	0.3	24.4	26.9	1080	22.07	6	0.6	<0.1	1.2	20	<0.1	8.5	0.5	109
REP RHB1051593	QC		0.020																		
Core Reject Duplicates																					
RHB1051614	Rock	1.42	<0.005	0.5	8.7	9.9	127	<0.1	14.2	23.7	1199	4.84	5	0.5	<0.1	1.2	283	0.2	0.9	<0.1	234
DUP RHB1051614	QC		<0.005	0.5	9.0	10.2	139	<0.1	15.3	24.8	1221	4.85	6	0.6	<0.1	1.2	269	0.2	0.9	<0.1	229
RHB1051592	Rock	1.08	0.018	0.7	42.7	16.1	66	0.2	12.3	9.8	500	20.68	3	0.5	<0.1	1.2	70	<0.1	0.4	<0.1	116
DUP RHB1051592	QC		<0.005	0.6	38.5	14.9	60	0.2	12.7	9.4	468	19.76	4	0.6	<0.1	1.4	72	<0.1	0.4	0.3	110
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard			1.6	47.2	2.8	107	<0.1	140.2	46.4	1089	7.48	<1	0.7	<0.1	2.8	374	0.1	0.1	<0.1	163
STD OREAS24P	Standard			1.4	47.5	3.0	110	<0.1	141.4	44.6	1080	7.36	1	0.7	<0.1	3.2	376	<0.1	0.1	<0.1	163
STD OREAS24P	Standard			1.5	49.8	2.8	118	<0.1	146.8	46.6	1089	7.11	<1	0.6	<0.1	2.7	368	0.1	<0.1	<0.1	160
STD OREAS45C	Standard			2.3	628.0	27.2	82	0.3	342.6	105.3	1150	18.79	11	2.5	<0.1	11.2	39	0.2	0.9	0.3	279
STD OREAS45C	Standard			1.8	639.2	26.3	78	0.3	347.9	100.1	1065	17.18	11	2.5	<0.1	11.7	39	0.2	0.7	0.2	267
STD OREAS45C	Standard			2.0	608.8	25.3	88	0.3	338.1	104.5	1197	17.82	12	2.2	<0.1	10.3	34	0.2	0.8	0.2	275
STD OXH82	Standard		1.202																		
STD OXH82	Standard		1.274																		
STD OXH82	Standard		1.280																		
STD OXH82	Standard		1.348																		

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Project: Hudson Bay Mountain
Report Date: November 02, 2011

QUALITY CONTROL REPORT SMI11000400.1

	Method	1EX	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	Li
	Unit	%	%	ppm	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	0.1
Pulp Duplicates																					
RHB1051601	Rock	2.05	0.257	21.9	10	1.03	846	0.403	9.27	2.978	2.12	2.7	108.4	40	1.1	35.8	5.0	0.3	1	16	31.3
REP RHB1051601	QC	2.02	0.254	24.0	11	0.99	822	0.396	9.20	2.896	2.01	2.6	105.5	45	1.1	36.5	5.0	0.3	1	15	30.3
RHB1051585	Rock	1.30	0.032	14.3	42	0.55	368	0.622	9.42	1.371	1.31	0.7	38.3	32	1.0	7.7	6.3	0.4	<1	23	45.4
REP RHB1051585	QC	1.31	0.032	15.0	44	0.56	382	0.619	9.38	1.384	1.33	0.8	41.1	33	1.0	8.2	6.4	0.4	<1	23	45.8
RHB1051586	Rock	2.72	0.059	15.9	35	0.50	249	0.371	6.52	2.369	1.11	1.8	48.7	33	2.4	41.7	4.5	0.2	<1	13	19.7
REP RHB1051586	QC																				
RHB1051593	Rock	0.26	0.147	10.9	34	1.19	31	0.205	4.42	0.025	0.05	0.2	31.5	20	0.5	11.9	2.0	0.1	<1	16	81.9
REP RHB1051593	QC																				
Core Reject Duplicates																					
RHB1051614	Rock	4.31	0.061	7.0	54	2.19	2167	0.473	7.40	2.366	1.81	0.2	79.9	15	0.8	25.0	3.2	0.2	<1	24	24.2
DUP RHB1051614	QC	4.19	0.065	7.5	51	2.22	2221	0.486	7.35	2.399	1.87	0.2	82.2	16	1.0	25.3	3.0	0.2	<1	24	22.7
RHB1051592	Rock	0.32	0.139	7.9	38	0.98	25	0.294	4.74	0.208	0.37	0.3	15.9	17	0.6	9.8	2.5	<0.1	<1	14	46.1
DUP RHB1051592	QC	0.27	0.129	9.3	39	0.93	22	0.284	4.61	0.205	0.38	0.2	23.6	15	0.7	9.2	2.2	0.2	<1	14	40.0
Reference Materials																					
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS24P	Standard	5.50	0.139	19.0	188	4.12	280	1.098	7.77	2.433	0.64	0.4	131.1	37	1.7	22.1	19.8	1.0	1	20	7.8
STD OREAS24P	Standard	5.51	0.133	19.6	187	4.09	277	1.087	7.69	2.364	0.65	0.5	131.5	38	1.6	22.3	18.9	1.1	<1	20	8.0
STD OREAS24P	Standard	5.56	0.129	18.4	181	3.89	265	1.106	7.29	2.393	0.66	0.4	134.3	35	1.7	22.3	20.0	1.0	<1	20	7.8
STD OREAS45C	Standard	0.49	0.054	27.2	998	0.24	287	1.221	7.06	0.104	0.34	1.1	163.5	53	3.1	13.8	23.1	1.5	<1	59	17.7
STD OREAS45C	Standard	0.47	0.051	27.0	875	0.27	278	1.137	6.76	0.105	0.34	1.1	167.1	51	3.0	13.3	22.8	1.4	<1	62	16.1
STD OREAS45C	Standard	0.45	0.051	26.0	957	0.25	267	1.320	7.12	0.108	0.33	1.2	165.1	49	3.0	12.9	23.3	1.5	<1	61	15.5
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				

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

Project: Hudson Bay Mountain
Report Date: November 02, 2011

QUALITY CONTROL REPORT SMI11000400.1

	Method	1EX	1EX	1EX	7TD	7TD
	Analyte	S	Rb	Hf	Cu	Zn
	Unit	%	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	0.001	0.01
Pulp Duplicates						
RHB1051601	Rock	<0.1	53.8	3.1		
REP RHB1051601	QC	<0.1	56.2	3.0		
RHB1051585	Rock	0.4	39.3	1.1		
REP RHB1051585	QC	0.4	39.6	1.1		
RHB1051586	Rock	0.3	85.5	1.5		
REP RHB1051586	QC					
RHB1051593	Rock	7.8	3.0	0.7		
REP RHB1051593	QC					
Core Reject Duplicates						
RHB1051614	Rock	<0.1	20.9	2.5		
DUP RHB1051614	QC	<0.1	19.2	2.5		
RHB1051592	Rock	8.2	12.8	0.5		
DUP RHB1051592	QC	8.2	19.4	0.6		
Reference Materials						
STD OREAS131B	Standard				0.021	3.18
STD OREAS153A	Standard				0.697	<0.01
STD OREAS131B	Standard				0.022	3.09
STD OREAS153A	Standard				0.713	<0.01
STD OREAS24P	Standard	<0.1	21.0	3.4		
STD OREAS24P	Standard	<0.1	26.2	3.4		
STD OREAS24P	Standard	<0.1	22.6	3.2		
STD OREAS45C	Standard	<0.1	23.5	4.6		
STD OREAS45C	Standard	<0.1	25.3	4.3		
STD OREAS45C	Standard	<0.1	21.9	4.5		
STD OXH82	Standard					
STD OXH82	Standard					
STD OXH82	Standard					
STD OXH82	Standard					

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QUALITY CONTROL REPORT SMI11000400.1

		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
STD OXK79	Standard		3.516																		
STD OXK79	Standard		3.557																		
STD OXK79	Standard		3.725																		
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																		
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																				
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	0.3	4.5	19.1	54	<0.1	3.7	5.0	704	2.24	<1	2.7	<0.1	7.9	638	<0.1	<0.1	0.3	51
G1	Prep Blank		<0.005	0.5	4.0	18.5	53	<0.1	4.3	5.3	717	2.23	<1	2.5	<0.1	7.1	638	<0.1	<0.1	0.2	52

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QUALITY CONTROL REPORT SMI11000400.1

		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 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																				
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	<0.01	<0.001	<0.1	<1	<0.01	<1	<0.001	<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	2.19	0.078	26.7	9	0.62	933	0.241	6.63	2.717	2.89	0.2	12.7	50	1.6	15.8	26.7	1.4	3	5	35.5
G1	Prep Blank	2.18	0.070	24.1	10	0.62	916	0.243	6.55	2.713	2.78	0.2	14.9	47	1.5	14.8	26.6	1.4	2	5	33.2

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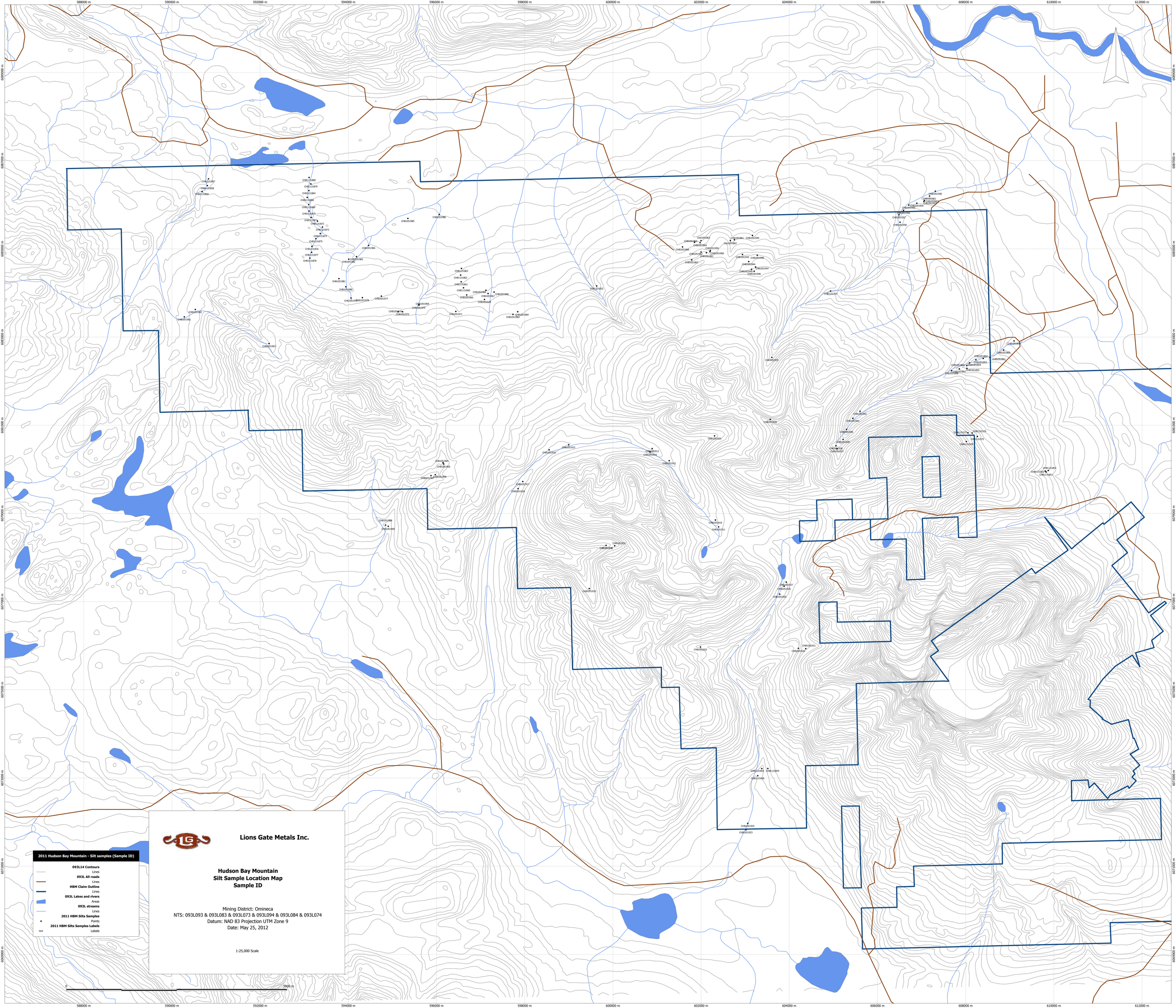
QUALITY CONTROL REPORT SMI11000400.1

		1EX S % 0.1	1EX Rb ppm 0.1	1EX Hf ppm 0.1	7TD Cu % 0.001	7TD Zn % 0.01
STD OXK79	Standard					
STD OXK79	Standard					
STD OXK79	Standard					
STD SU-1B	Standard				1.174	0.03
STD SU-1B	Standard				1.183	0.03
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	3.14
STD SU-1B Expected					1.185	0.0235
STD OREAS153A Expected					0.712	0.0053
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank	<0.1	<0.1	<0.1		
BLK	Blank				<0.001	<0.01
BLK	Blank	<0.1	<0.1	<0.1		
BLK	Blank	<0.1	<0.1	<0.1		
BLK	Blank				<0.001	<0.01
Prep Wash						
G1	Prep Blank	<0.1	112.7	0.7		
G1	Prep Blank	<0.1	97.7	0.8		


Lions Gate Metals Inc.
Hudson Bay Mountain
Silt Sample Location Map
Sample ID
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012
1:25,000 Scale
2011 Hudson Bay Mountain - Silt samples (Sample ID)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
2011 HBM Silts Samples
Points
2011 HBM Silts Samples Labels
test
Labels
0
5000 m
588000 m
590000 m
592000 m
594000 m
596000 m
598000 m
600000 m
602000 m
604000 m
606000 m
608000 m
610000 m
612000 m
6089000 m
6087000 m
6085000 m
6083000 m
6081000 m
6079000 m
6077000 m
6075000 m
6073000 m
6071000 m
6069000 m

588000 m | 590000 m | 592000 m | 594000 m | 596000 m | 598000 m | 600000 m | 602000 m | 604000 m | 606000 m | 608000 m | 610000 m | 612000 m

6089000 m | 6087000 m | 6085000 m | 6083000 m | 6081000 m | 6079000 m | 6077000 m | 6075000 m | 6073000 m | 6071000 m | 6069000 m

Lions Gate Metals Inc.

Hudson Bay Mountain
Silt Sample Location Map
Ag ppb

Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:25,000 Scale

2011 Hudson Bay Mountain - Silt samples (Ag ppb)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Silts Samples** — Points

0 — 5000 m

588000 m 590000 m 592000 m 594000 m 596000 m 598000 m 600000 m 602000 m 604000 m 606000 m 608000 m 610000 m 612000 m

6089000 m 6087000 m 6085000 m 6083000 m 6081000 m 6079000 m 6077000 m 6075000 m 6073000 m 6071000 m 6069000 m

Lions Gate Metals Inc.

Hudson Bay Mountain
Silt Sample Location Map
Au ppb

Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:25,000 Scale

2011 Hudson Bay Mountain - Silt samples (Au ppb)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Silts Samples** — Points

0 5000 m

588000 m 590000 m 592000 m 594000 m 596000 m 598000 m 600000 m 602000 m 604000 m 606000 m 608000 m 610000 m 612000 m

6089000 m 6087000 m 6085000 m 6083000 m 6081000 m 6079000 m 6077000 m 6075000 m 6073000 m 6071000 m 6069000 m

Lions Gate Metals Inc.

Hudson Bay Mountain
Silt Sample Location Map
Cu ppm

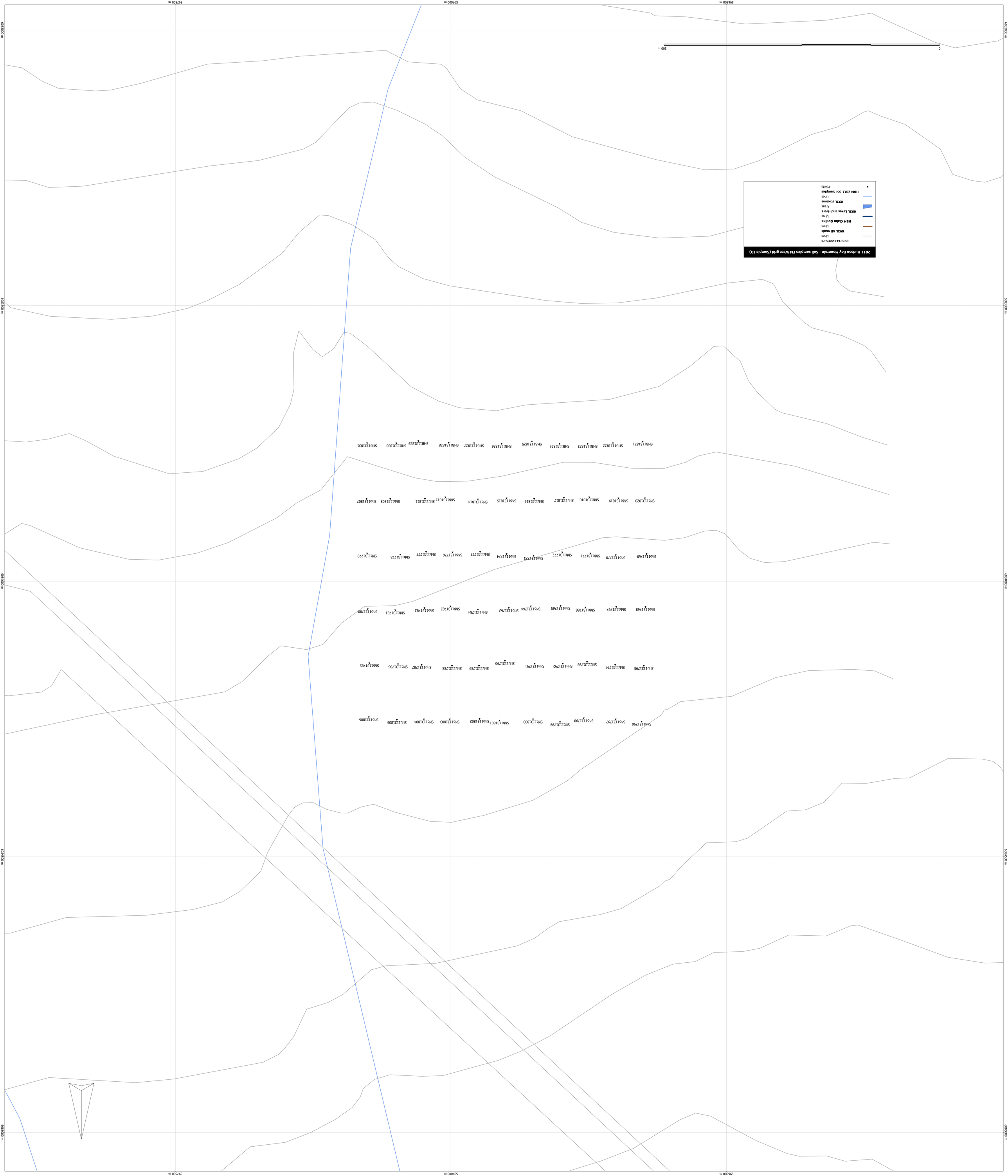
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:25,000 Scale

2011 Hudson Bay Mountain - Silt samples (Cu ppm)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Silts Samples** — Points

0 5000 m


2011 Hudson Bay Mountain - Soil samples EM West grid (Sample ID)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points
0
500 m
596500 m
597000 m
597500 m
6985000 m
6984500 m
6984000 m
6983500 m
SHBL13821
SHBL13822
SHBL13823
SHBL13824
SHBL13825
SHBL13826
SHBL13827
SHBL13828
SHBL13829
SHBL13830
SHBL13831
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SHBL13819
SHBL13818
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SHBL13786
SHBL13785
SHBL13796
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SHBL13799
SHBL13800
SHBL13801
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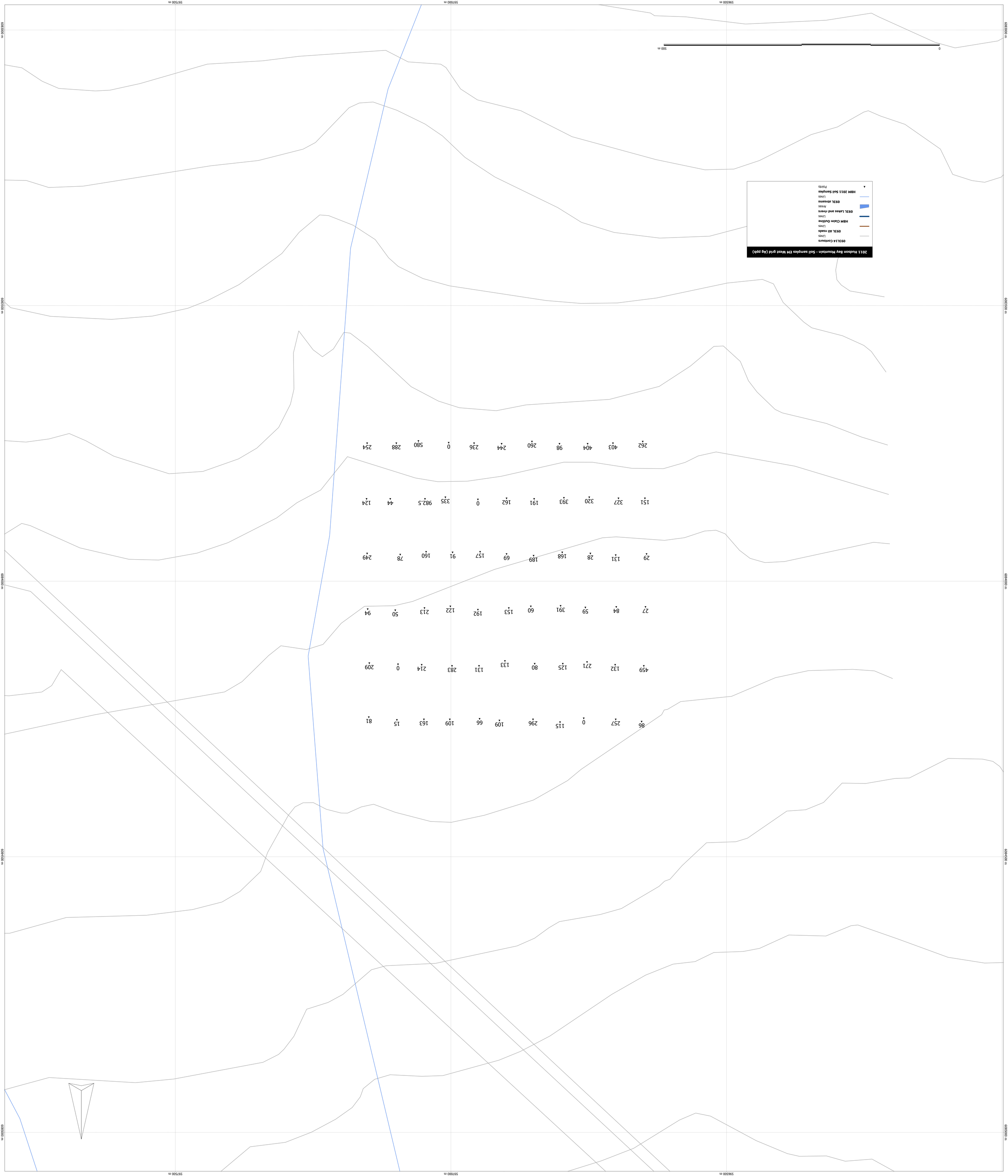
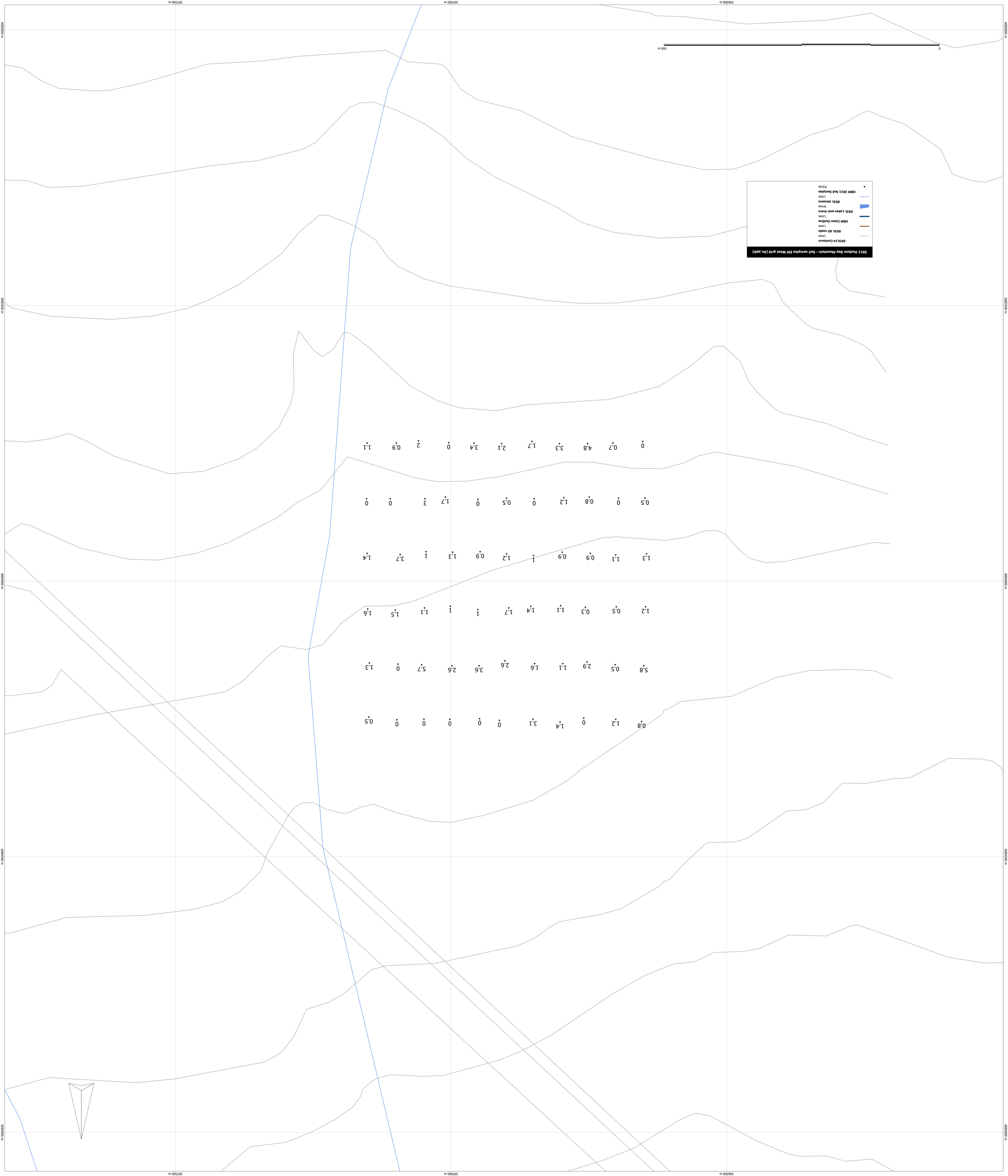
SHBL13803
SHBL13804
SHBL13805
SHBL13806


2011 Hudson Bay Mountain - Soil samples EM West grid (Ag ppb)
09L14 Contours
Lines
09L All roads
Lines
HBM Claim Outline
Lines
09L Lakes and rivers
Areas
09L streams
Lines
HBM 2011 Soil Samples
Points
0
500 m
6083500 m
6084000 m
6084500 m
6085000 m
596500 m
597000 m
597500 m
86
257
0
115
296
109
66
109
163
15
81
459
132
271
125
80
133
131
283
214
0
209
27
84
59
391
60
153
192
122
213
50
94
29
131
28
168
189
69
157
91
160
78
249
151
327
320
393
0
162
191
335
982.5
44
124
262
403
404
98
260
244
236
0
580
288
254


2011 Hudson Bay Mountain - Soil samples EM West grid (Au ppb)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points
0
500 m
596500 m
597000 m
597500 m
6985500 m
6984000 m
6984500 m
6985000 m
0,8 1,2 0 1,4 3,1 0 0 0 0 0 0,5
5,8 0,5 2,9 1,1 1,6 2,6 3,6 2,6 5,7 0 1,3
1,2 0,5 0,3 1,1 1,4 1,7 1 1 1,1 1,5 1,6
1,3 1,1 0,9 0,9 1 1,2 0,9 1,3 1 3,7 1,4
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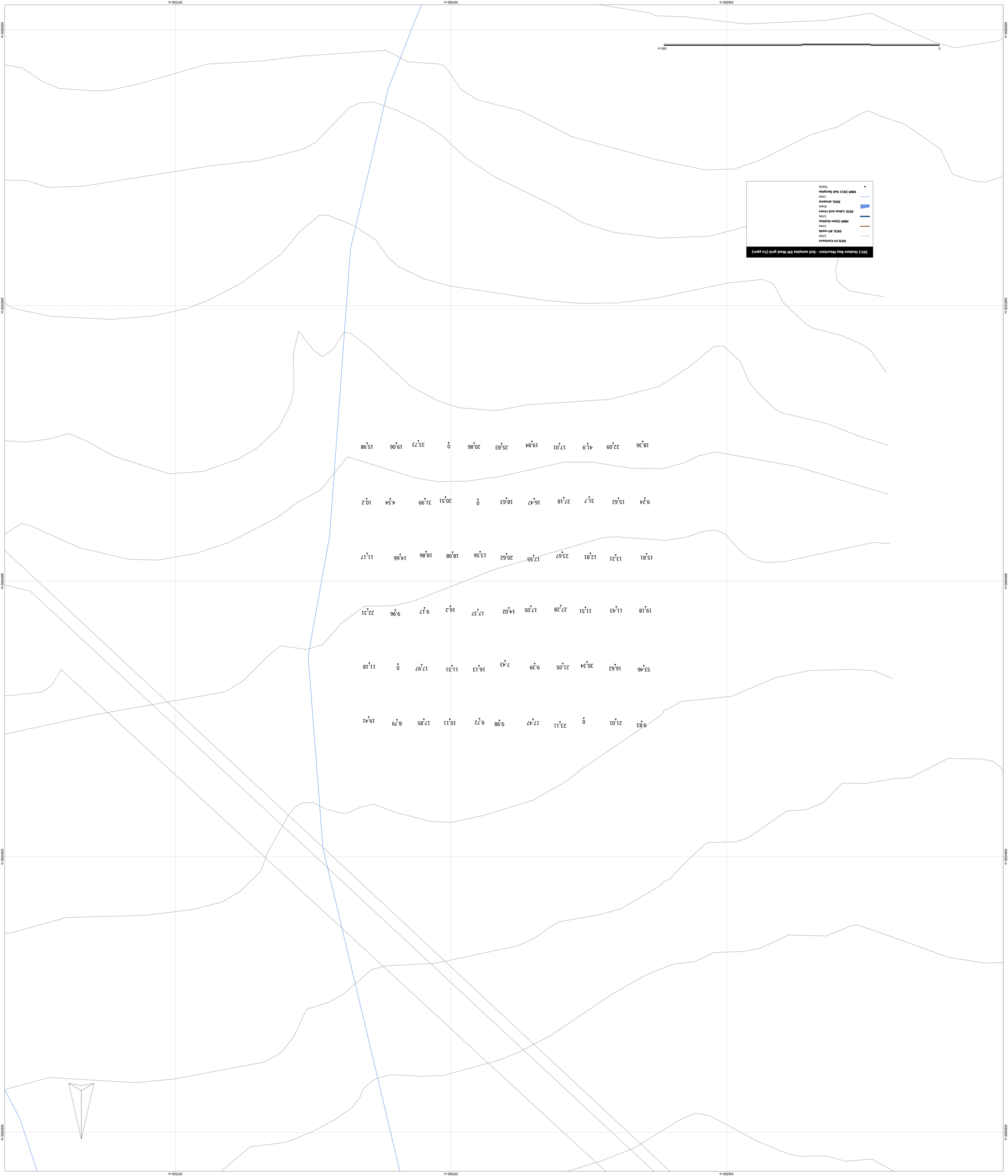
0 0,7 4,8 3,3 1,7 2,1 3,4 0 2 0,9 1,1


2011 Hudson Bay Mountain - Soil samples EM West grid (Cu ppm)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points
0
500 m
596500 m
597000 m
597500 m
6985500 m
6984000 m
6984500 m
6983000 m
9.83 21.01 0 23.11 17.47 9.98 9.72 10.11 17.85 8.79 19.41
53.46 16.62 30.34 21.05 9.39 7.43 16.13 11.51 17.97 0 11.18
19.18 11.43 11.51 27.28 17.05 14.02 17.37 16.2 9.17 9.96 22.31
15.81 13.21 12.81 23.67 17.55 20.62 13.56 18.08 18.86 14.66 11.17
9.24 15.62 31.7 37.18 16.47 18.63 0 20.51 31.99 4.54 10.2
18.36 22.09 41.9 17.01 19.84 25.83 20.86 0 33.73 19.06 15.98

608500 m
609000 m
609500 m
610000 m
610500 m
6081500 m
6081000 m
6080500 m
6080000 m
6079500 m
6079000 m
6078500 m

SHB131574

SHB131579
SHB131580
SHB131581
SHB131582
SHB131583
SHB131584
SHB131585
SHB131586
SHB131587
SHB131588
SHB131589
SHB131590
SHB131591
SHB131595
SHB131596
SHB131597
SHB131598
SHB131599
SHB131600
SHB131601
SHB131602
SHB131603
SHB131604
SHB131905
SHB131906
SHB131907
SHB131908
SHB131909
SHB131910
SHB131911
SHB131912
SHB131913
SHB131937
SHB131938
SHB131939
SHB131940
SHB131941
SHB131942
SHB131943
SHB131944
SHB131945
SHB131914
SHB131915
SHB131919
SHB131920
SHB131921
SHB131922
SHB131923
SHB131924
SHB131925
SHB131926
SHB131927
SHB131928
SHB131929
SHB131930
SHB131931
SHB131932
SHB131933
SHB131934
SHB131935
SHB131936
SHB131946
SHB131950
SHB131951
SHB131952
SHB131953
SHB131954
SHB131955
SHB131956
SHB131957
SHB131958
SHB131959
SHB131960
SHB131961
SHB131962

2011 Hudson Bay Mountain - Soil samples Evelyn grid (Sample ID)

093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points

0
500 m

608500 m
609000 m
609500 m
610000 m
610500 m
6081500 m
6081000 m
6080500 m
6080000 m
6079500 m
6079000 m
6078500 m

262

114
252
53
178
354
193
332
181
76
1675
195
313
148
296
213
139
373
264
134
243
156
103
104
146
120
49
41
50
83
58
27
465
137
161
70
101
97
69
144
234
123.5
225
231
159
348
231
252
109
215
199
250
191
271
149
206
141
225
734
220
458
101
120
422
52
28
113
49
209
102
149
28
91
788
52
317

2011 Hudson Bay Mountain - Soil samples Evelyn grid (Ag ppb)

093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points

608500 m
609000 m
609500 m
610000 m
610500 m
6081500 m
6081000 m
6080500 m
6080000 m
6079500 m
6079000 m
6078500 m

1.4

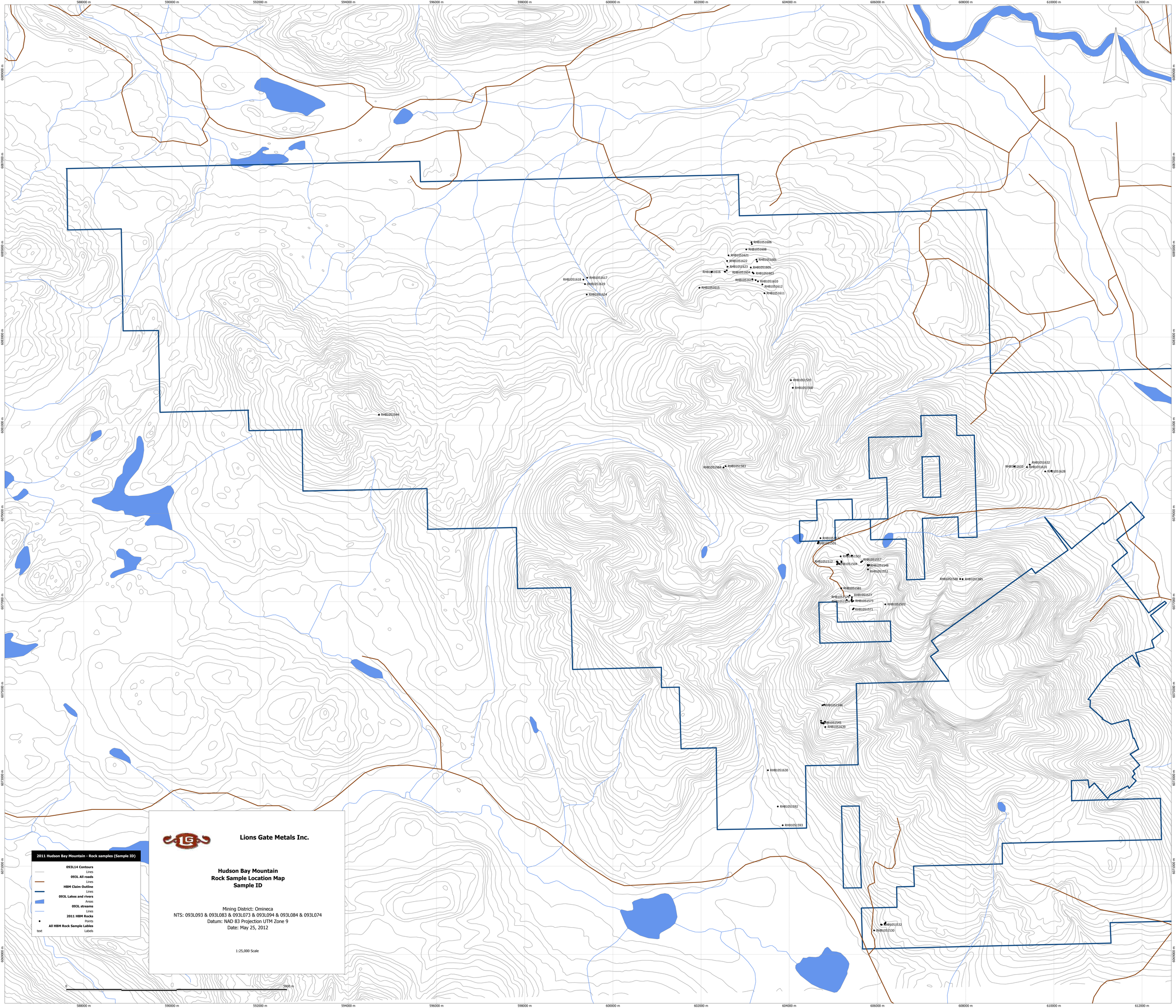
3.4 1.2 1.2 2.3 0.7 1.1 1.6 0.8 1.6 0.4 7.85 2 1.4 0 2.2 0.4 1.6 0 0.9 0.5 0.9 0.6 0.7 2.3 0.6 0.4 0 0 12.3 0 0.6 1.5 0.3 1 0.5 0.9 0.3 0.4 0.3 1.1

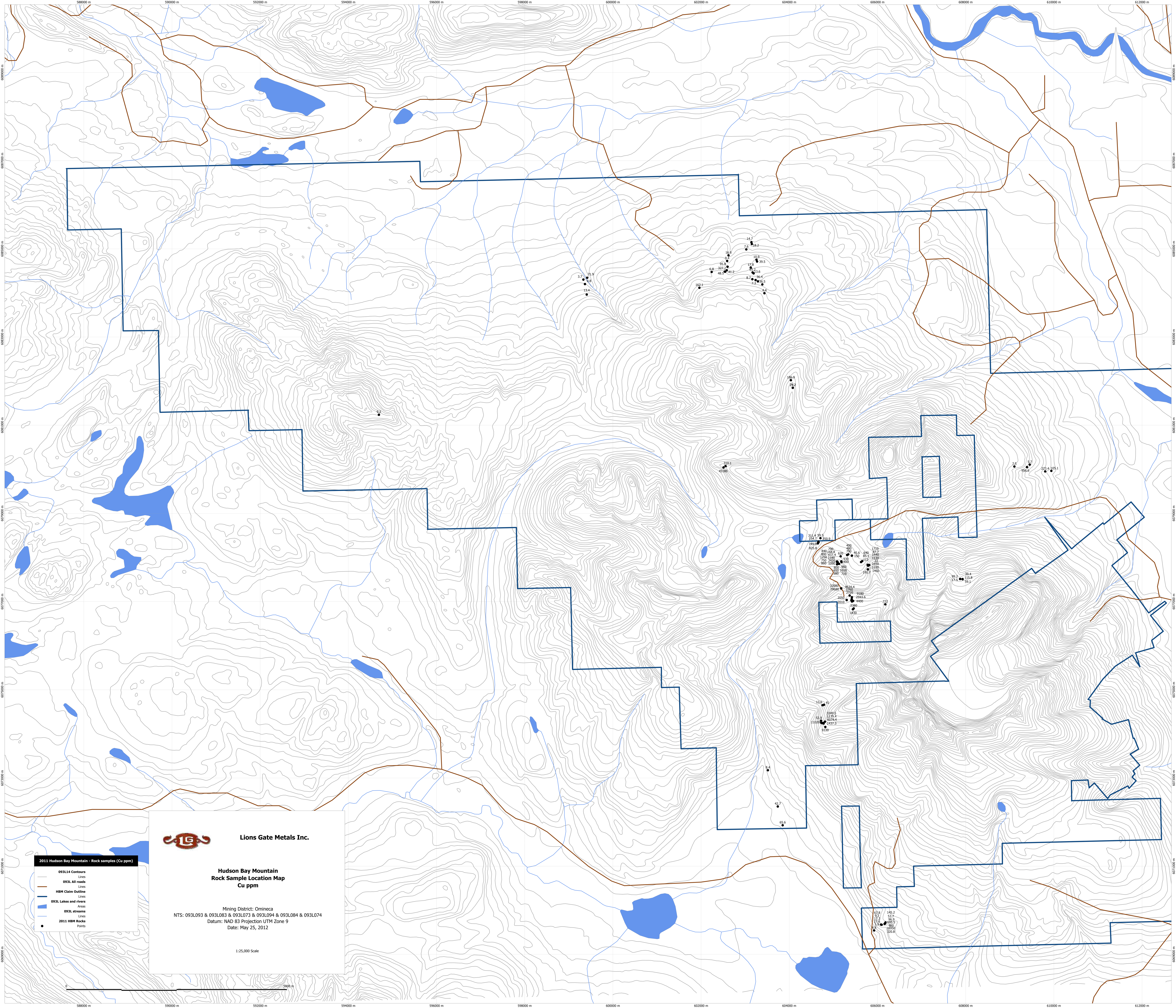
0.9 2.9 2.9 2.5 2 1.2 0.8 0.3 1.1 0.8 1.8 0.5 0.9 0.6 0.9 59.3 25.8 0.6 0 4.9 2.4 1.9 2.4 1.6 1.4 1.5 4.2 0.9 1.2 2.9 0.8

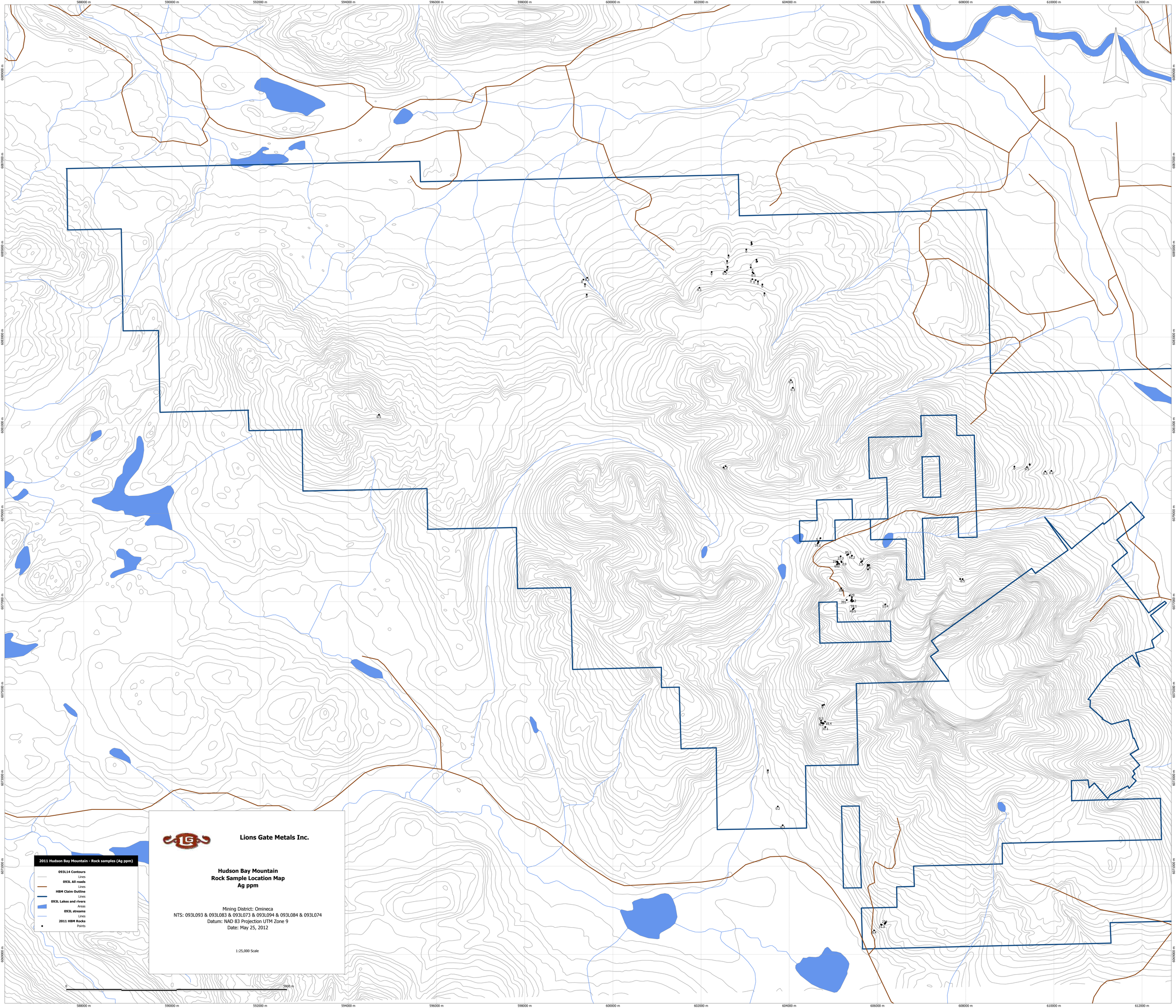
2011 Hudson Bay Mountain - Soil samples Evelyn grid (Au ppb)

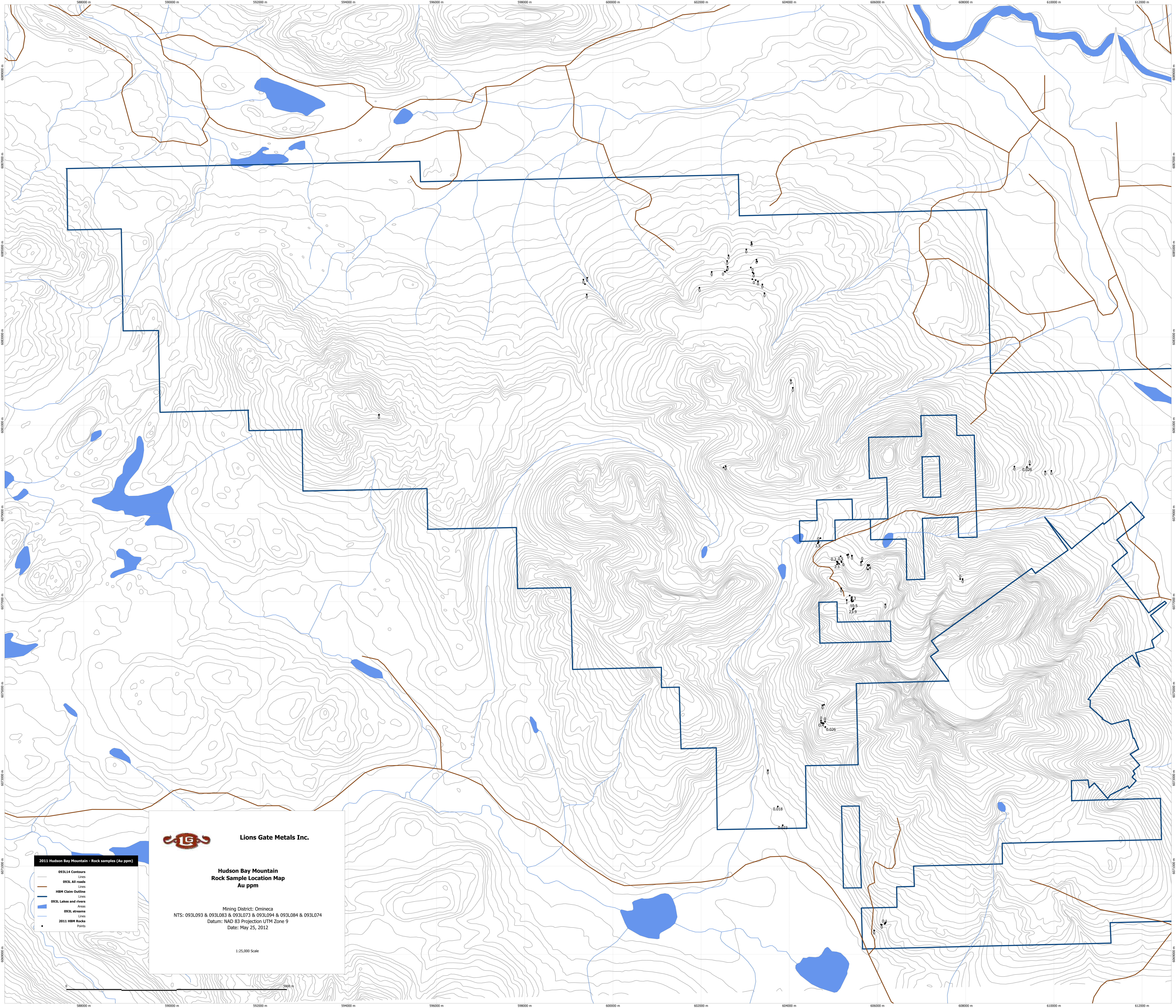
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points

608500 m
609000 m
609500 m
610000 m
610500 m
6081500 m
6081000 m
6080500 m
6080000 m
6079500 m
6079000 m
6078500 m
34,97
37,79
19,86
34,14
25,83
21,14
27,08
36,02
31,8
38,88
16,47
29,94
9,82
12,43
41,62
10,42
9,91
28,8
23,85
14,91
16,28
29,86
8,22
31,61
16,33
12,67
18,8
8,48
39,49
12,35
22,49
16,71
30,66
15,78
60,18
32,4
12,29
14,16
30,86
14,41
13,81
15,07
8,41
14,49
24,35
10,94
24,46
14,75
26,46
16,27
21,4
38,72
13,82
20,6
17,19
30,55
16,16
27,91
21,3
28,04
18,98
32,98
20,43
21,23
28,69
79,74
13,47
21,47
13,54
12,28
39,04
14,07
11,32
12,85
12,64
18,41
2011 Hudson Bay Mountain - Soil samples Evelyn grid (Cu ppm)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points


588000 m
590000 m
592000 m
594000 m
596000 m
598000 m
600000 m
602000 m
604000 m
606000 m
608000 m
610000 m
612000 m
6089000 m
6087000 m
6085000 m
6083000 m
6081000 m
6079000 m
6077000 m
6075000 m
6073000 m
6071000 m
6069000 m
RHB1051606
RHB1051608
RHB1051621
RHB1051622
RHB1051601
RHB1051623
RHB1051605
RHB1051616
RHB1051604
RHB1051603
RHB1051618
RHB1051617
RHB1051619
RHB1051615
RHB1051610
RHB1051612
RHB1051611
RHB1051624
RHB1051570
RHB1051568
RHB1051944
RHB1051584
RHB1051583
RHB1051633
RHB1051632
RHB1051631
RHB1051628
RHB1051512
RHB1051504
RHB1051557
RHB1051548
RHB1051552
RHB1051588
RHB1051585
RHB1051581
RHB1051577
RHB1051574
RHB1051573
RHB1051502
RHB1051571
RHB1051546
RHB1051545
RHB1051639
RHB1051630
RHB1051592
RHB1051593
RHB1051532
RHB1051530
2011 Hudson Bay Mountain - Rock samples (Sample ID)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
2011 HBM Rocks
Points
All HBM Rock Sample Lables
text
Labels
Lions Gate Metals Inc.
Hudson Bay Mountain
Rock Sample Location Map
Sample ID
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012
1:25,000 Scale
0
5000 m


Lions Gate Metals Inc.
Hudson Bay Mountain
Rock Sample Location Map
Cu ppm
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012
1:25,000 Scale
2011 Hudson Bay Mountain - Rock samples (Cu ppm)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
2011 HBM Rocks
Points
0
5000 m


588000 m
590000 m
592000 m
594000 m
596000 m
598000 m
600000 m
602000 m
604000 m
606000 m
608000 m
610000 m
612000 m
6089000 m
6087000 m
6085000 m
6083000 m
6081000 m
6079000 m
6077000 m
6075000 m
6073000 m
6071000 m
6069000 m
2011 Hudson Bay Mountain - Rock samples (Ag ppm)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
2011 HBM Rocks
Points
Lions Gate Metals Inc.
Hudson Bay Mountain
Rock Sample Location Map
Ag ppm
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012
1:25,000 Scale
0
5000 m


Lions Gate Metals Inc.
Hudson Bay Mountain
Rock Sample Location Map
Au ppm
Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012
1:25,000 Scale
2011 Hudson Bay Mountain - Rock samples (Au ppm)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
2011 HBM Rocks
Points
0
5000 m
588000 m
590000 m
592000 m
594000 m
596000 m
598000 m
600000 m
602000 m
604000 m
606000 m
608000 m
610000 m
612000 m
23.9
10.5
3.5
2.1
0.026
0.018

604500 m | 605000 m | 605500 m | 606000 m | 606500 m

6078000 m

6077500 m

6077000 m

RHB1051527
RHB1051523
RHB1051524
RHB1051525
RHB1051501
RHB1051526
RHB1051565
RHB1051566
RHB1051567
RHB1051562
RHB1051564
RHB1051502
RHB1051513
RHB1051514
RHB1051512
RHB1051515
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RHB1051517
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RHB1051506
RHB1051507
RHB1051508
RHB1051509
RHB1051510
RHB1051518
RHB1051519
RHB1051520
RHB1051559
RHB1051557
RHB1051558
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RHB1051555
RHB1051548
RHB1051549
RHB1051552
RHB1051581
RHB1051582
RHB1051578
RHB1051577
RHB1051576
RHB1051580
RHB1051579
RHB1051575
RHB1051573
RHB1051574
RHB1051503
RHB1051572
RHB1051571

2011 Hudson Bay Mountain - Rock samples (Sample ID)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Rocks** — Points
- **All HBM Rock Sample Lables** — text Labels

Lions Gate Metals Inc.

Hudson Bay Mountain
619587 Claim
Rock Sample Location Map
Sample ID

Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:2,000 Scale

0 — 500 m

604500 m
605000 m
605500 m
606000 m
606500 m
6078000 m
6077500 m
6077000 m

46.2
69.3
95.3
3081.5
5804.8
574.6
19100
143100
9132.9
13600
238.6
300
1600
300
300
300
1300
477.1
2566.2
13000
200
164000
129600
38500
72700
89300
115200
87400
3900
55400
84500
42.5
296.7
8.1
858.7
695.7
2620.3
42.6
26.6
206.3
185.6
35.2
140.4
500
145.1
50000
158.7
59000
17500
111000
11900
1100
8398.3
696
1900
2300

Lions Gate Metals Inc.

Hudson Bay Mountain
619587 Claim
Rock Sample Location Map
Lead ppm

Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:2,000 Scale

2011 Hudson Bay Mountain - Rock samples (Pb ppm)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Rocks** — Points

0
500 m

604500 m | 605000 m | 605500 m | 606000 m | 606500 m

6078000 m

6077500 m

6077000 m

2311
181
614
376
3081
572
25100
322200
179200
573
9200
62800
142400
147200
104100
114300
2683
77000
5643
173500
9300
24500
18400
24000
170800
111500
65800
92900
76800
138400
98000
8369
53200
1631
96400
132300
98100
2664
102300
856
360600
333200
916
300
200
80200
1408
1100
7900
16500
10300
17800
2389
2307
20200
26400

Lions Gate Metals Inc.

Hudson Bay Mountain
619587 Claim
Rock Sample Location Map
Zinc ppm

Mining District: Omineca
NTS: 093L093 & 093L083 & 093L073 & 093L094 & 093L084 & 093L074
Datum: NAD 83 Projection UTM Zone 9
Date: May 25, 2012

1:2,000 Scale

2011 Hudson Bay Mountain - Rock samples (Zn ppm)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **2011 HBM Rocks** — Points

0 — 500 m

602000 m
603000 m
604000 m
605000 m
6087000 m
6086000 m
6085000 m
6084000 m
6083000 m

2011 Hudson Bay Mountain - Soil samples Maglow grid (Sample ID)

- **093L14 Contours**
  - Lines
- **093L All roads**
  - Lines
- **HBM Claim Outline**
  - Lines
- **093L Lakes and rivers**
  - Areas
- **093L streams**
  - Lines
- **HBM 2011 Soil Samples**
  - Points

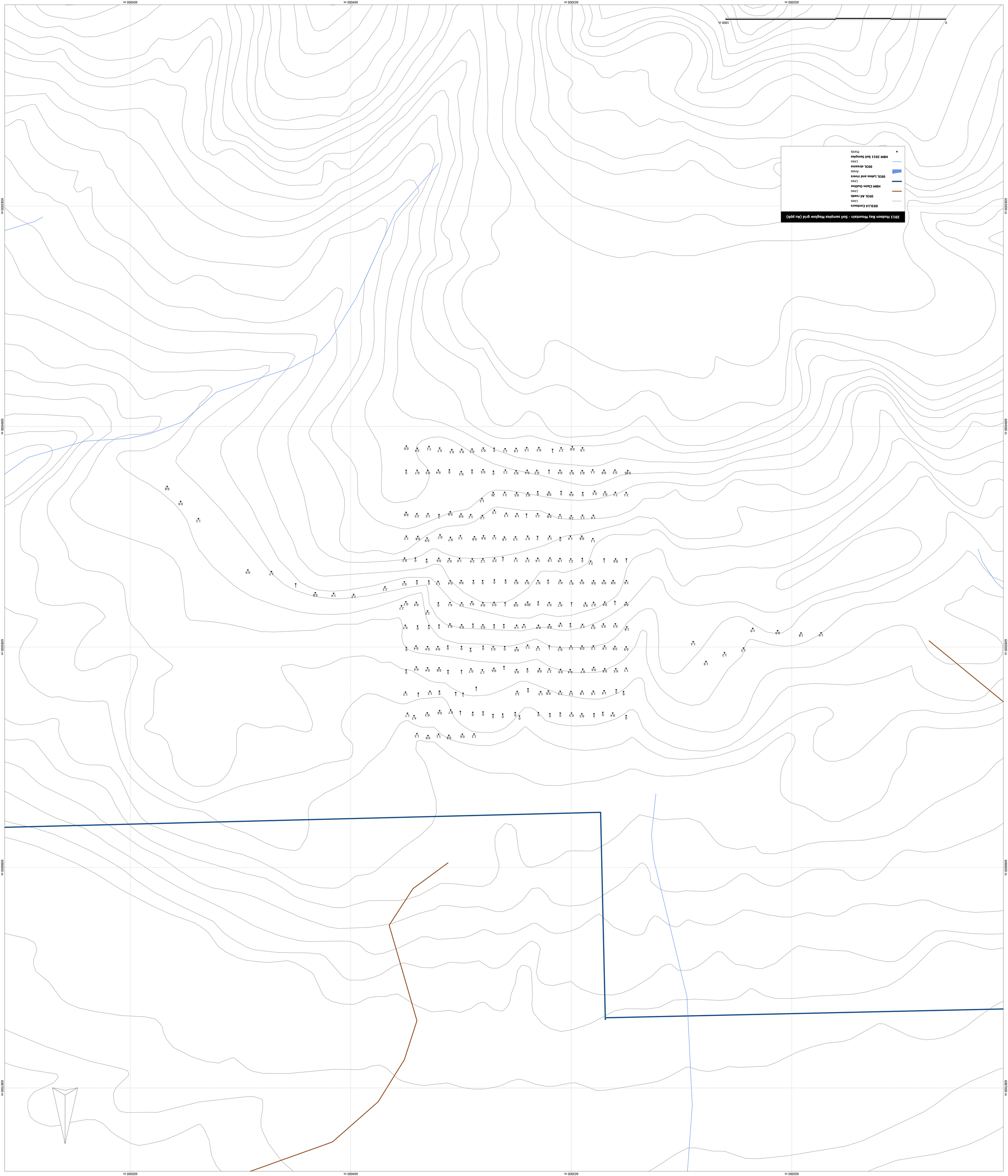
0
1000 m

602000 m
603000 m
604000 m
605000 m
6087000 m
6086000 m
6085000 m
6084000 m
6083000 m

2011 Hudson Bay Mountain - Soil samples Maglow grid (Ag ppb)

093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points

0
1000 m

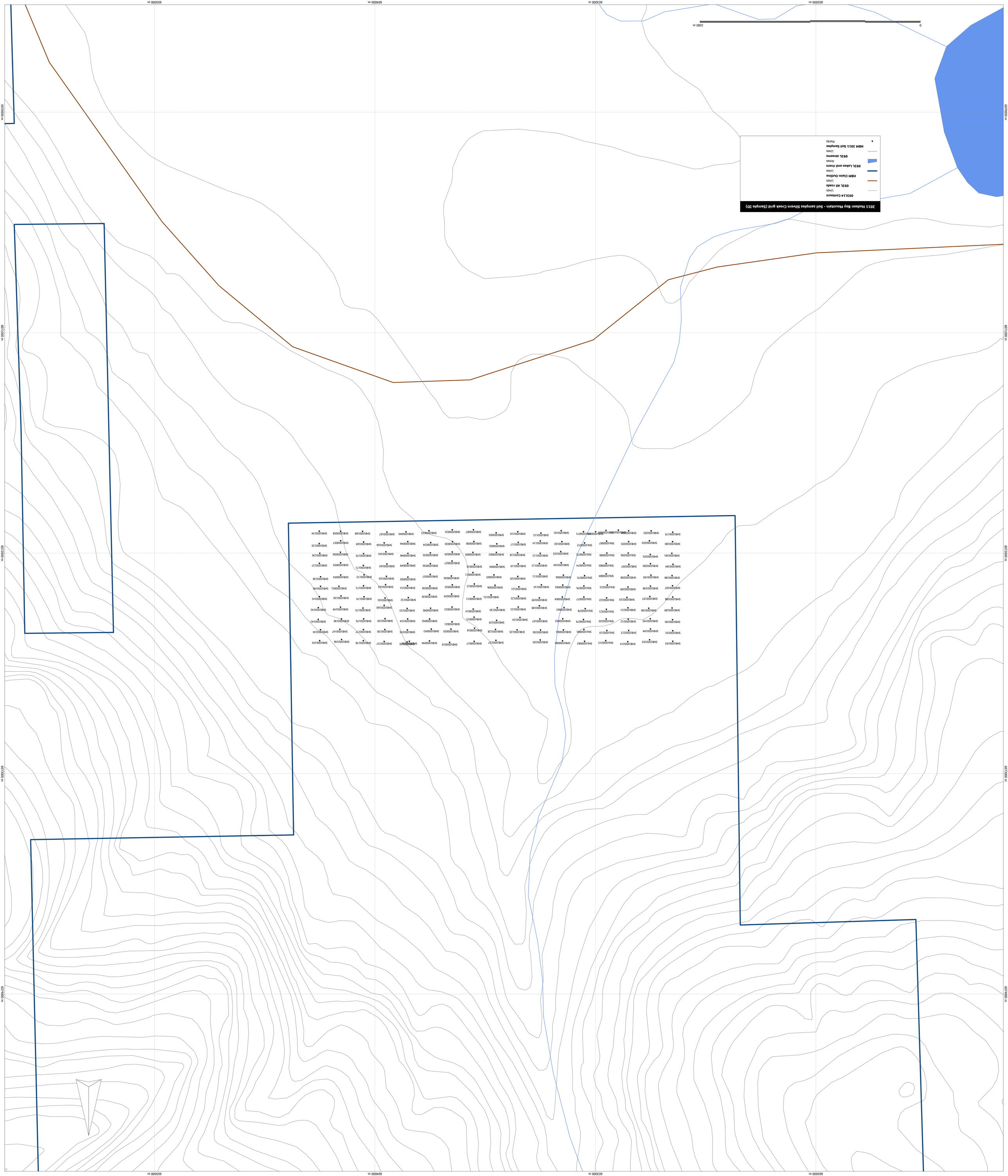

2011 Hudson Bay Mountain - Soil samples Maglow grid (Au ppb)
093L14 Contours
Lines
093L all roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points
0
1000 m
602000 m
603000 m
604000 m
605000 m
6084000 m
6085000 m
6086000 m
6087000 m

602000 m
603000 m
604000 m
605000 m
6087000 m
6086000 m
6085000 m
6084000 m
6083000 m

2011 Hudson Bay Mountain - Soil samples Maglow grid (Cu ppm)

- **093L14 Contours** — Lines
- **093L All roads** — Lines
- **HBM Claim Outline** — Lines
- **093L Lakes and rivers** — Areas
- **093L streams** — Lines
- **HBM 2011 Soil Samples** — Points

0
1000 m


2011 Hudson Bay Mountain - Soil samples Silvern Creek grid (Sample ID)
093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points
0
1000 m
602000 m
603000 m
604000 m
605000 m
6072000 m
6071000 m
6070000 m
6073000 m
6074000 m

602000 m
603000 m
604000 m
605000 m
6074000 m
6073000 m
6072000 m
6071000 m
6070000 m

164 424 0 183.5 495 798 181 129 176 86 99 154 316 187 96 60
258 203 483 0 2082 229 90 237 461 273 36 268 0 119 67 80 101
231 918 0 389 2375 99 97 305 57 107 218 221 93 176 59 137 85
0 352 0 522 2138 250 185 224 152 396 125 72 172 121 142 20 21
171 522 1053 94 1121 206 238 172 134 117 338 283 236 52 39 154 88
176 843 45 684 1149 244 205 157 113 67 283 208 129 138 246 62 286
401 359 274 1174 1077 149 108 48 126 166 73 130 91 101 99 172 108
185 504 371 859 1114 221 252 150 95 239 59.5 82 118 57 269 178 121
384 1311 909 576 480 142 862 169 211 76 89 76 344 249 376 92 195
261 668 192 235 143 207 237 184 0 87 56 335 151.5 173 66 150 90
411 394 57 63 258 645 114 114 100 117 182 222 114 116 108 177 161 694.5 109

2011 Hudson Bay Mountain - Soil samples Silvern Creek grid (Ag ppb)

- **093L14 Contours**
  - Lines
- **093L All roads**
  - Lines
- **HBM Claim Outline**
  - Lines
- **093L Lakes and rivers**
  - Areas
- **093L streams**
  - Lines
- **HBM 2011 Soil Samples**
  - Points

0 1000 m

602000 m
603000 m
604000 m
605000 m
6074000 m
6073000 m
6072000 m
6071000 m
6070000 m

2.9 2.3 0 1.6 2.4 2.7 2.9 1.3 1.5 1 0 0.8 1.4 1.2 1 2.3
0.7 1.7 1.5 0 11.25 1.8 6.8 1.1 2.1 1.1 0.7 0.4 0 0.9 0.6 0.7 1.4
1.1 2.2 0 4.1 3.5 1.6 2.8 0.6 0.7 0.9 0.7 0.6 1 0.7 0.5 0.9 1.2
0 1.7 0 2.5 3.5 3.6 3.1 0.7 1.6 0.5 3.9 2.7 1.4 4 3.4 0.6 1.2
2.4 2.3 2.4 2.4 4 1.9 4.7 1 1.4 0.7 2.2 0.6 0 0.8 0.7 1.4 9.8
1.6 2 1.1 1.6 2.2 6.7 1.6 1 1.2 1.6 4.4 0 1.1 1.6 1.6 19.8 2
1.8 2.9 0.3 2.1 2.2 1.9 12.3 1 0.3 1.3 1.4 3.3 2.1 1.4 1 8.7 17.35
3.3 1.3 0.6 1.6 2.7 187.6 1.9 0.4 1 3.6 1.1 0 1.2 1.1 0.5 17.3 1.7
2.1 3.9 2 1.3 3.9 9.4 1.8 0.9 1.3 0.3 0.8 2.2 0.7 1.1 156.4 4.3 10.6
3.5 1.2 1.7 2 2.4 2.3 1.7 0.8 0 1.2 2.8 3 1.3 0.8 1 1.4 1.2
4.8 1.7 0.2 16.2 13.2 3.4 26.6 4.3 5.3 1.3 1.5 0.8 0 0.5 0.5 0.7 0.8 5.65 6.3

2011 Hudson Bay Mountain - Soil samples Silvern Creek grid (Au ppb)

- **093L14 Contours**
  - Lines
- **093L All roads**
  - Lines
- **HBM Claim Outline**
  - Lines
- **093L Lakes and rivers**
  - Areas
- **093L streams**
  - Lines
- **HBM 2011 Soil Samples**
  - Points

0 1000 m

602000 m
603000 m
604000 m
605000 m
6074000 m
6073000 m
6072000 m
6071000 m
6070000 m

8.19 23 0 13.915 51.27 35 18.54 18.46 18.68 14.43 11.13 13.53 11.92 9.97 7.45 8.72
11.13 11.92 23.07 0 53.22 22.27 18.96 12.23 42.89 26.61 10.17 20.47 0 11.54 10.44 7.07 13.32
9.28 85.93 0 11.75 57.77 23.31 18.2 10.86 13.39 19.77 11.47 9.12 11.35 11.63 10.63 7.8 11.89
0 44.46 0 26.6 60.35 29.64 22.74 5.12 14.16 10.98 8.44 11.13 4.34 9.02 7.94 4.37 4.04
9.5 25.81 51.56 14.67 39.09 25.88 25.43 9.56 22.37 7.31 34.56 15.94 13.71 12.61 5.18 25.38 17.34
15.66 44.29 8.07 36.71 39.97 20.77 21.42 5.18 11.87 12.58 22.03 14.59 7.99 16.76 24.57 4.41 56.8
8.15 30.52 7.89 44 39.99 25.03 17.88 11.01 8.45 15.89 12.04 15.25 15.3 15.39 8.01 5.84 9.3
7.705 24.82 20.51 31.8 46.58 26.2 13.98 7.9 9.09 20.14 9.66 14.9 9.92 22.5 21.47 6.62 10.03
39 101.24 74.46 12.2 38.73 18.5 21.98 5.92 25.03 10.25 10.41 9.6 38.66 14.85 12.38 2.53 23.97
33.3 41.85 12.7 13.13 25.77 26.77 18.47 11.2 0 13.99 5.4 16.74 11.23 15.08 6.29 9.48 8.42
39.01 51.92 6.63 9.68 18.64 30.54 23.28 19.06 8.63 20.01 21.12 26.48 11.08 10.05 15.76 7.76 9.48 44.39 11.44

2011 Hudson Bay Mountain - Soil samples Silvern Creek grid (Cu ppm)

093L14 Contours
Lines
093L All roads
Lines
HBM Claim Outline
Lines
093L Lakes and rivers
Areas
093L streams
Lines
HBM 2011 Soil Samples
Points

0
1000 m