

Legend

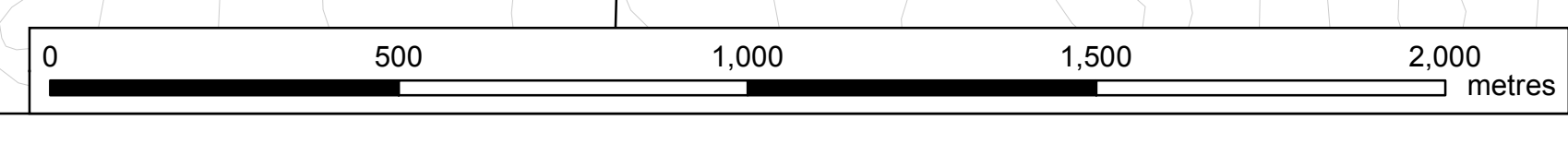
- 2013 Diamond Drill Collar
- Historic Diamond Drill Collar
- 2013 Diamond Drill Trace
- Camp Location
- Schaft Creek Mineral Tenure
- Lakes
- Rivers
- Contours (200 ft. interval)

Teck
Teck Resources Limited
Suite 2200, 550 Burrard Street
Vancouver, BC, Canada

Schaft Creek Property
Lard Mining Division

Detailed Drilling Map

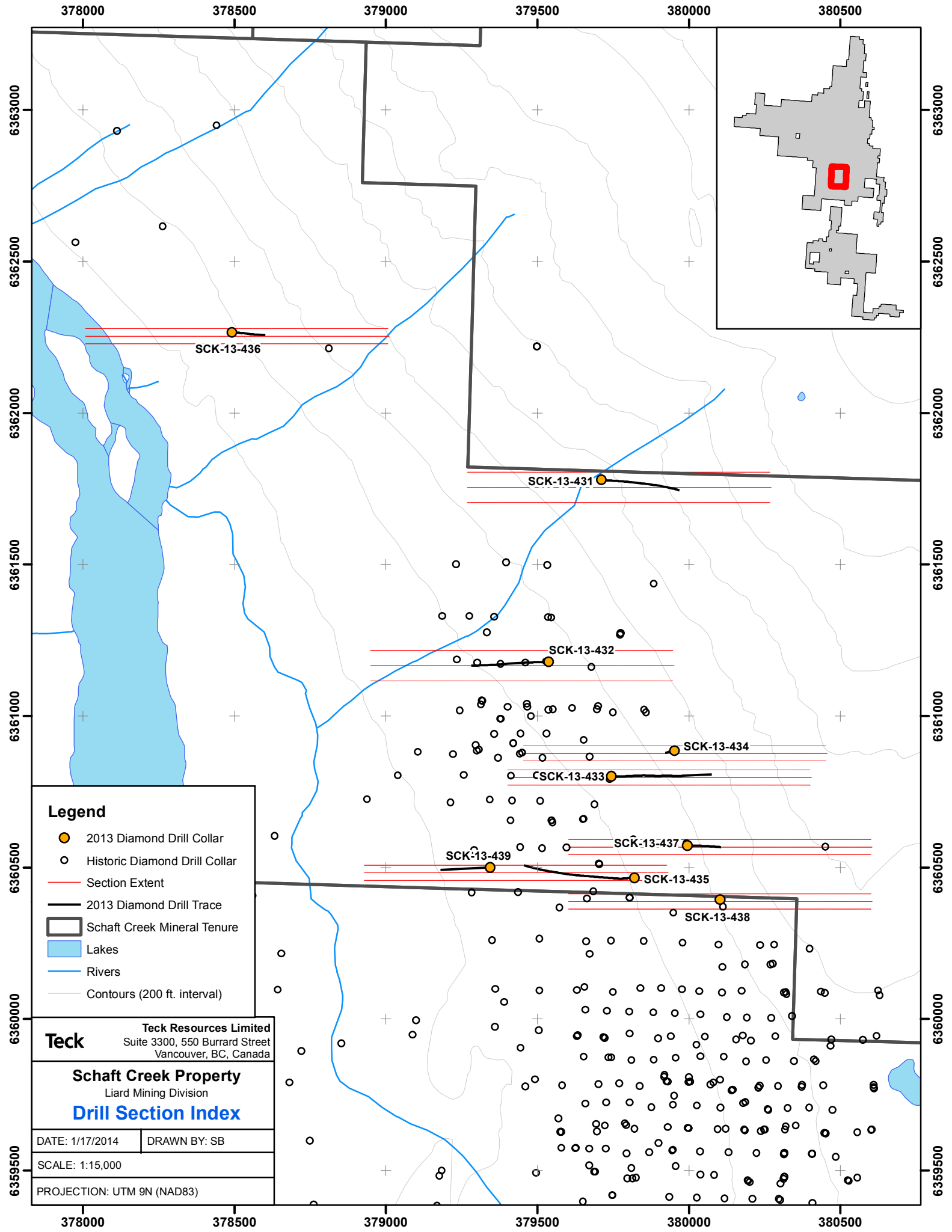
DRAWN BY: SB DATE: 1/16/2014 Fig. **V**
SCALE: 1:10,000
PROJECTION: UTM Zone 9N (NAD83)



Schaft Creek 2013 DDH Survey Data

HOLEID	DEPTH_m	DIP	AZIMUTH
SCK-13-431	60.96	65.3	95.2
SCK-13-431	109.73	65.5	93.3
SCK-13-431	158.5	66.5	94.6
SCK-13-431	207.26	66.5	96.4
SCK-13-431	262.1951	66.3	95.8
SCK-13-431	310.9756	66.3	96.5
SCK-13-431	359.7561	66.8	97.7
SCK-13-431	408.5366	66.8	97.9
SCK-13-431	457.3171	66.5	100.4
SCK-13-431	506.0976	66.4	101.5
SCK-13-431	554.878	66.6	102
SCK-13-431	603.6585	66	105.6
SCK-13-432	186	62.3	266.1
SCK-13-432	240	62.4	266.1
SCK-13-432	294	62.5	266.2
SCK-13-432	348	61.6	265.5
SCK-13-432	402	61.3	267.3
SCK-13-432	456	61.4	268.5
SCK-13-432	510	61.5	267.4
SCK-13-432	531	61.7	268.2
SCK-13-433	123	54.4	86.2
SCK-13-433	174	54.6	89.6
SCK-13-433	225	54.3	93.5
SCK-13-433	289	54	87.4
SCK-13-433	340	54.3	93.3
SCK-13-433	389	54.7	87.7
SCK-13-433	413.5	54.3	86.6
SCK-13-433	512.5	54.1	87.3
SCK-13-434	0	79.3	251.1
SCK-13-434	139.59	79.3	251.1
SCK-13-435	46.3	66.9	270
SCK-13-435	92	67.9	263.9
SCK-13-435	140.81	66.4	272.7
SCK-13-435	200.3	65.4	275.1
SCK-13-435	258.2	64.1	273.9
SCK-13-435	306.9	63.6	275.3
SCK-13-435	352.7	63.1	273.8
SCK-13-435	404.5	62.5	275
SCK-13-435	453.2	61.8	276.4
SCK-13-435	503	60.8	276.9
SCK-13-435	551	59.5	278.6
SCK-13-435	605	58.4	279.2
SCK-13-435	653	57.6	279.9
SCK-13-435	755	56.5	285.8
SCK-13-436	24.3828	60.9	70.4

SCK-13-436	73.1484	61.5	77.1
SCK-13-436	121.9141	60.7	75.7
SCK-13-436	170.6797	60.4	72.6
SCK-13-437	151.5	58	94.2
SCK-13-437	202.5	59	94
SCK-13-438	0	60	90
SCK-13-438	15	60	90
SCK-13-439	0	56.8	267.1
SCK-13-439	32	56.8	267.1



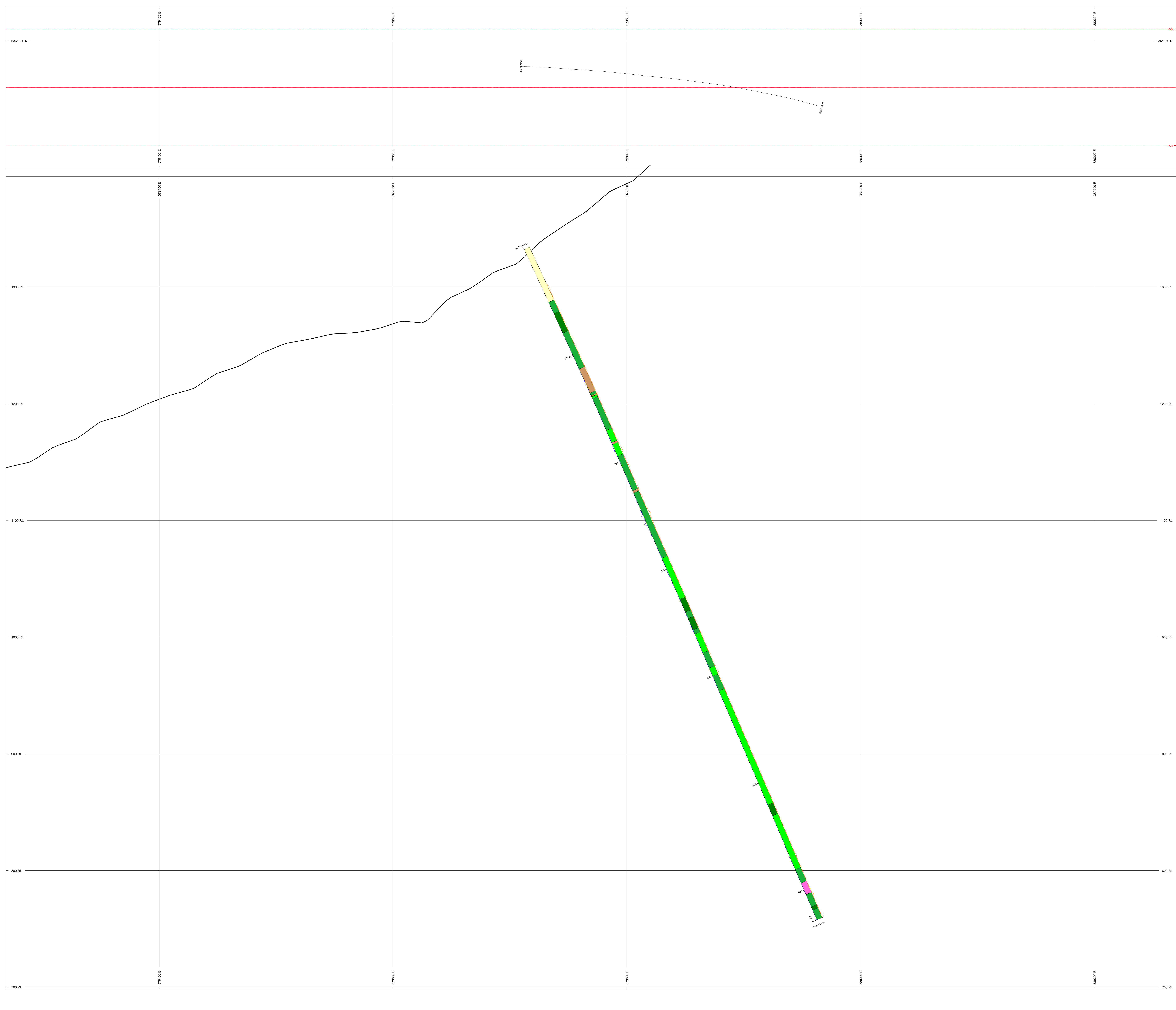
Legend

- 2013 Diamond Drill Collar
- Historic Diamond Drill Collar
- Section Extent
- 2013 Diamond Drill Trace
- Schaft Creek Mineral Tenure
- Lakes
- Rivers
- Contours (200 ft. interval)

Teck Teck Resources Limited
 Suite 3300, 550 Burrard Street
 Vancouver, BC, Canada

Schaft Creek Property
 Liard Mining Division
Drill Section Index

DATE: 1/17/2014	DRAWN BY: SB
SCALE: 1:15,000	
PROJECTION: UTM 9N (NAD83)	



TOPOGRAPHY
 dem, lg GRD

BAR GRAPH

LIB	L	R	COL	RANGE
Az_sp_BESTEL	L			Max 1
LIB	R			Full
Az_spm_BESTEL	R			Max 50

ROCK CODES

LIB_BEST_D	PAT	LABEL	DESCRIPTION
	AN	Andesite	Andesite
	CGL	Conglomerate	Conglomerate
	OSB	Overburden	Overburden
	SLT	Siltstone	Siltstone
	AN	Andesite Dyke	Andesite Dyke
	sPORZ	Porphyry	Porphyry
	vAN	Volcaniclastic Andesite	Volcaniclastic Andesite

SECTION SPECS:
 REF. PT. E N 378770 m 6361760 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP, BOT 1385 m 697.6 m
 TOLERANCE +/- 50 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 0N

AZIMUTH = 90°
 N
 W E
 S

TECK RESOURCES LIMITED
SCHAFT CREEK
6361760N SECTION



TOPOGRAPHY
 dem_ly GRD

BAR GRAPHS

COL	RANGE
Col_pr_BESTEL	Max 1
Mp_pr_BESTEL	Max 1
Lit	Full

ROCK CODES

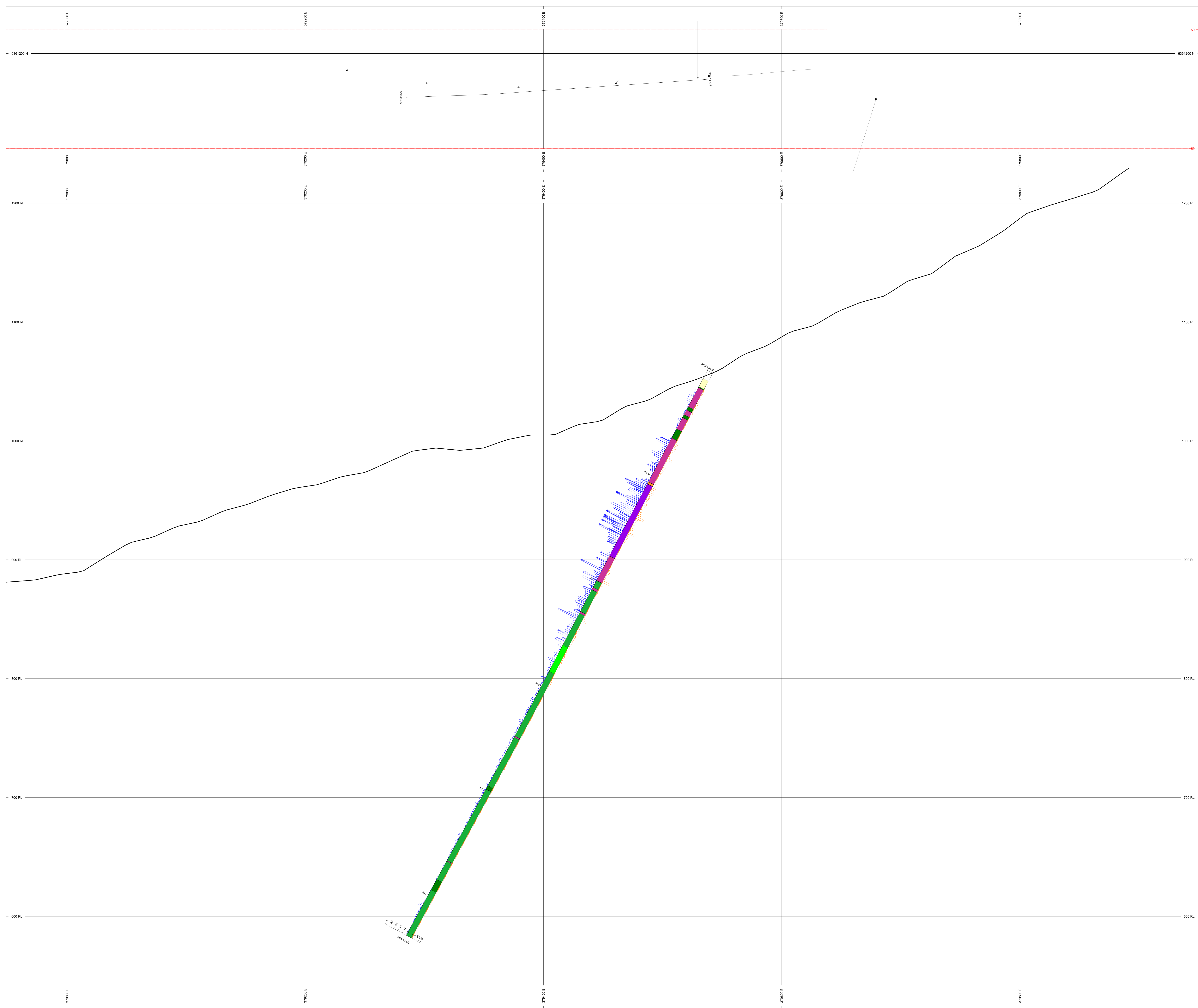
PAT	LABEL	DESCRIPTION
AN	Andesite	Andesite
CGL	Conglomerate	Conglomerate
OSB	Overburden	Overburden
SLT	Siltstone	Siltstone
AN	Andesite Dyke	Andesite Dyke
sPORZ	Porphyry	Porphyry
vAN	Volcaniclastic Andesite	Volcaniclastic Andesite

SECTION SPECS:
 REF. PT. E N 378770 m 6361760 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1385 m 697.6 m
 TOLERANCE +/- 50 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 0N

AZIMUTH = 90°
 N
 W E
 S

TECK RESOURCES LIMITED
SCHAFT CREEK
6361760N SECTION



TOPOGRAPHY
 dem_1g GRD

BAR GRAPHS

BAR_GRAPH	L/R	COL	RANGE
Au_gpr_BESTEL	L	Blue	Max 1
LIR	R	Red	Full
Aq_gpm_BESTEL	R	Orange	Max 50

ROCK CODES

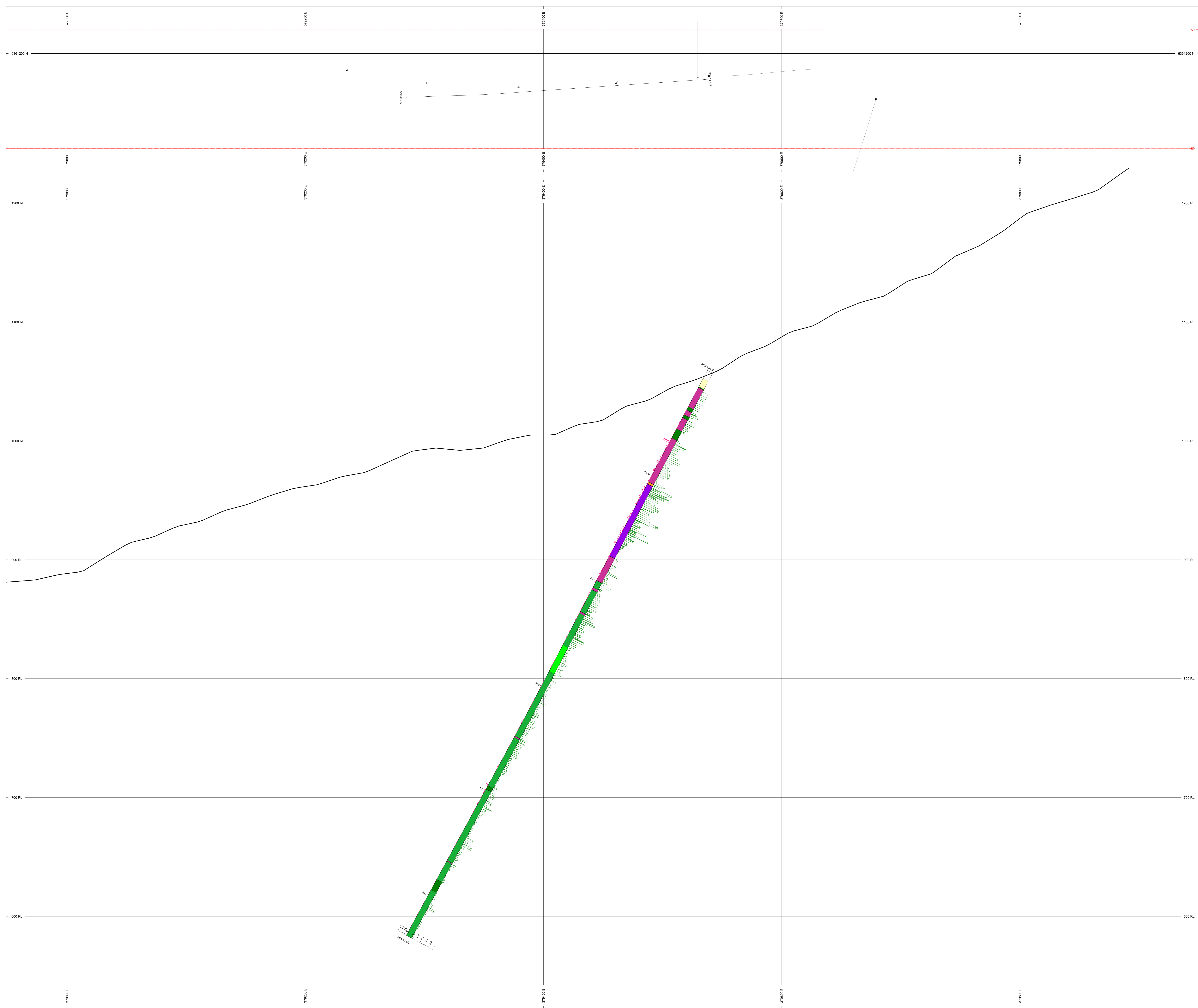
LIR_BEST_D	PAT	LABEL	DESCRIPTION
AN	Green	AN	Andesite
IBK2	Blue	IBK2	Igneous Breccia 2
OYB	Yellow	OYB	Oxide
QMZ	Purple	QMZ	Quartz Monzonite
HYSDAS	Orange	HYSDAS	Hydrothermal Breccia 5
dAN	Light Green	dAN	Andesite Dyke
vAN	Dark Green	vAN	Volcaniclastic Andesite

SECTION SPECS:
 REF. PT. E N 379450 m 6361170 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1200 m 522.6 m
 TOLERANCE +/- 50 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 0N

AZIMUTH = 90°
 N
 E
 S
 W

TECK RESOURCES LIMITED
SCHAFT CREEK
6361170N SECTION



TOPOGRAPHY
 dem_1g GRD

BAR GRAPHS

COL	RANGE
Col_prf_BESTEL	R Max 1
Mp_prf_BESTEL	L Max 1
Lbr	R Full

ROCK CODES

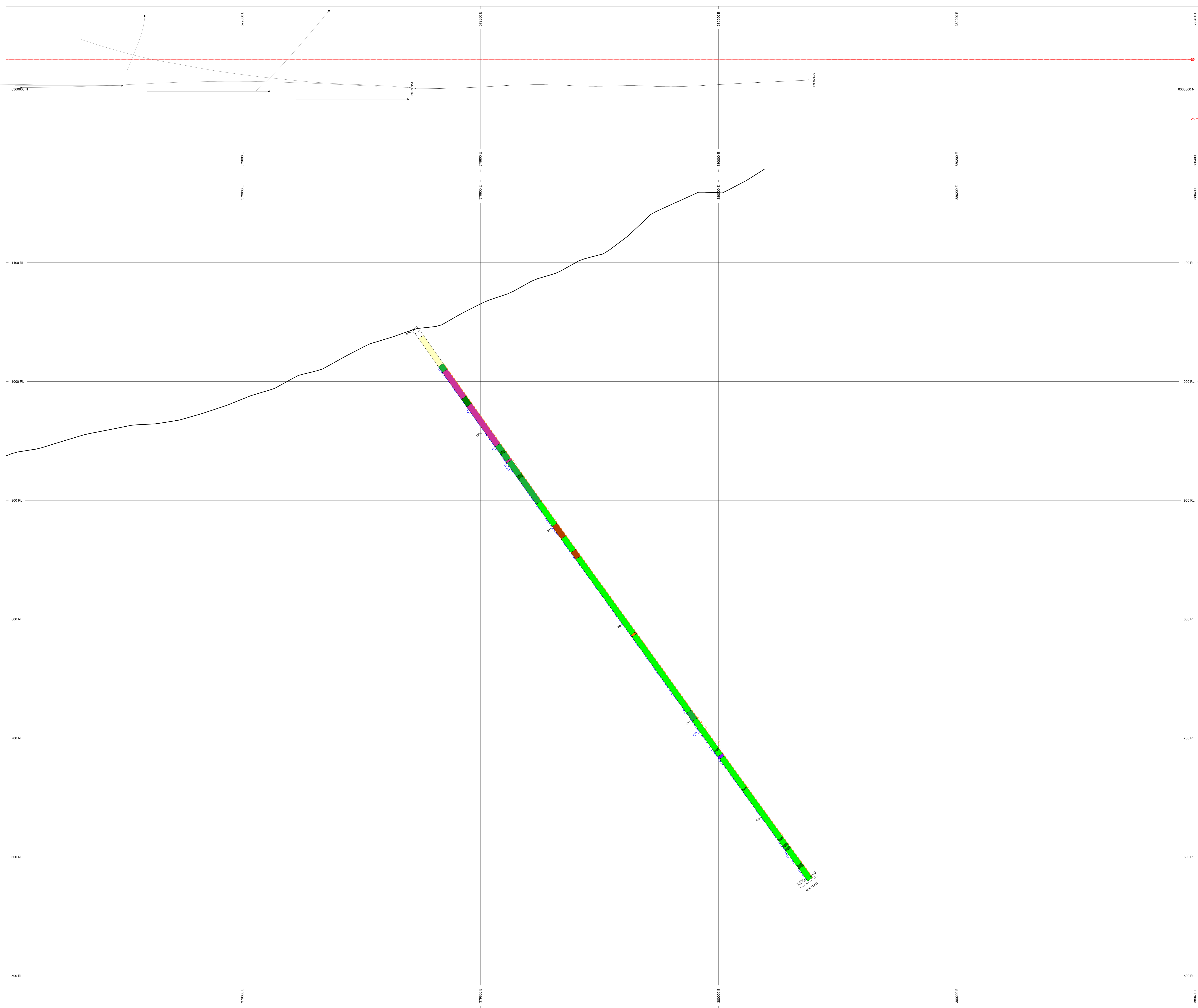
LIB_BEST_D	PAT	LABEL	DESCRIPTION
	AN	Andesite	Andesite
	IBK2	Igneous Breccia 2	Igneous Breccia 2
	OYB	Oxide	Oxide
	QMZ	Quartz Monzonite	Quartz Monzonite
	HYBDS	Hydrothermal Breccia 5	Hydrothermal Breccia 5
	dAN	Andesite Dyke	Andesite Dyke
	vAN	Volcaniclastic Andesite	Volcaniclastic Andesite

SECTION SPECS:
 REF. PT. E N 379450 m 6361170 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1200 m 522.6 m
 TOLERANCE +/- 50 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 0N

SCALE
 AZIMUTH = 90°
 N
 E
 S
 W

TECK RESOURCES LIMITED
SCHAFT CREEK
6361170N SECTION



TOPOGRAPHY

dem_1g.GRD

BAR GRAPHS L/R COL RANGE

Au_gf_BESTEL L Max 1

Lth R Full

Ag_gpm_BESTEL R Max 50

ROCK CODES

Lth_BEST_ID	PAT	LABEL	DESCRIPTION
AN	[Green Box]	AN	Andesite
IBX1	[Orange Box]	IBX1	Igneous Breccia 1
OVB	[Black Box]	OVB	Overburden
QMZ	[Purple Box]	QMZ	Quartz Monzonite
HYD3	[Blue Box]	HYD3	Hydrothermal Breccia 3
dAN	[Red Box]	dAN	Andesite Dyke
vAN	[Light Green Box]	vAN	Volcanoclastic Andesite

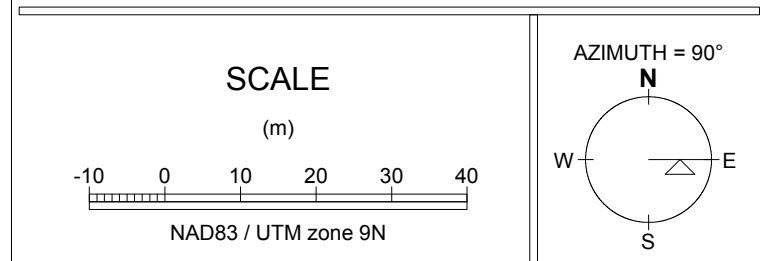
SECTION SPECS:

REF. PT. E N 379503 m 6360800 m

EXTENTS 1000 m 697.1 m

SECTION TOP BOT 1170 m 472.6 m

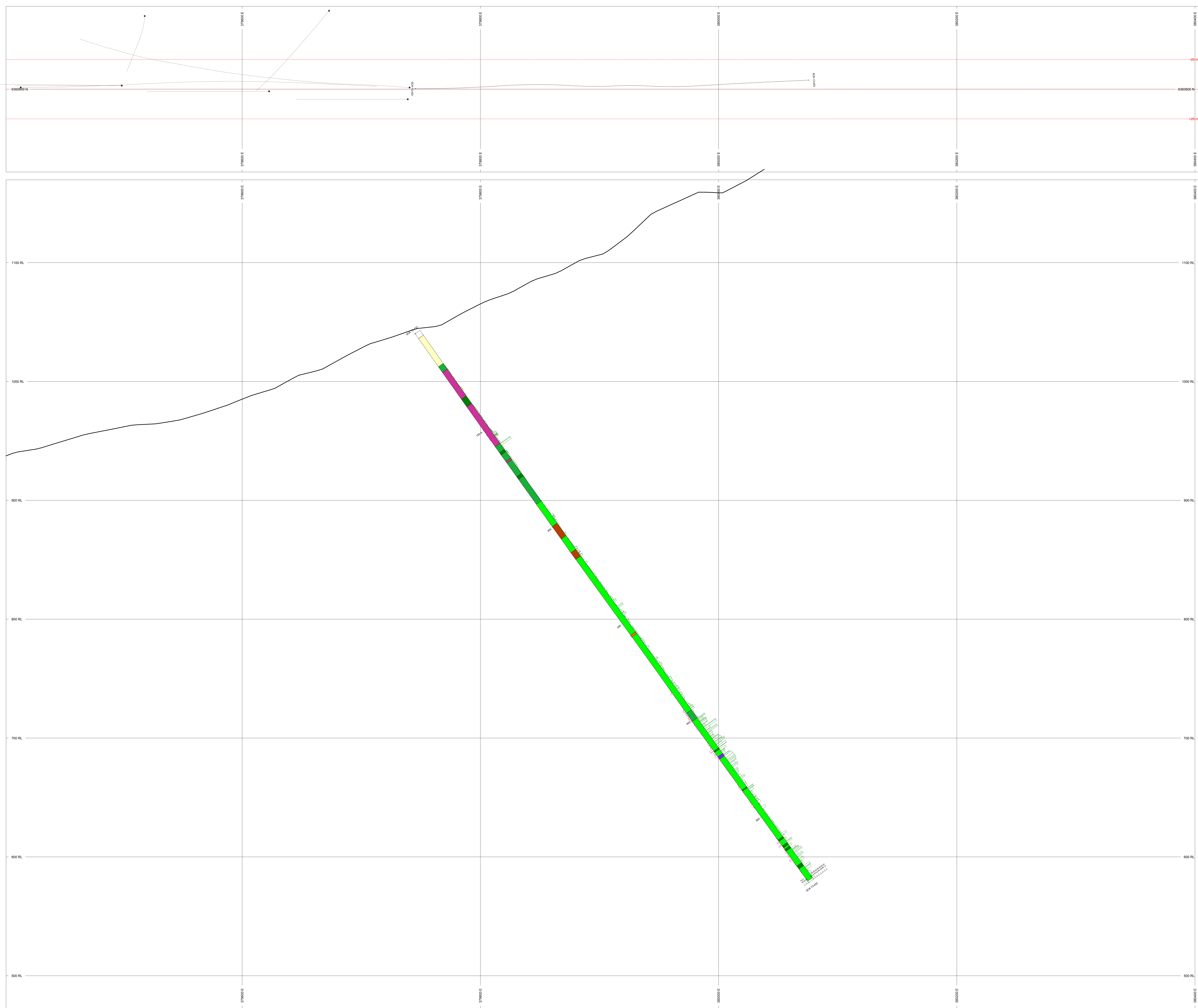
TOLERANCE +/- 25 m



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SCHAFT CREEK

6360800N SECTION



TOPOGRAPHY
 dem, Ig GRD

BAR GRAPHS L/R COL RANGE
 Cu_pct_BESTEL R Max 1
 Mo_pct_BESTEL L Max 1
 Lith R Full

ROCK CODES

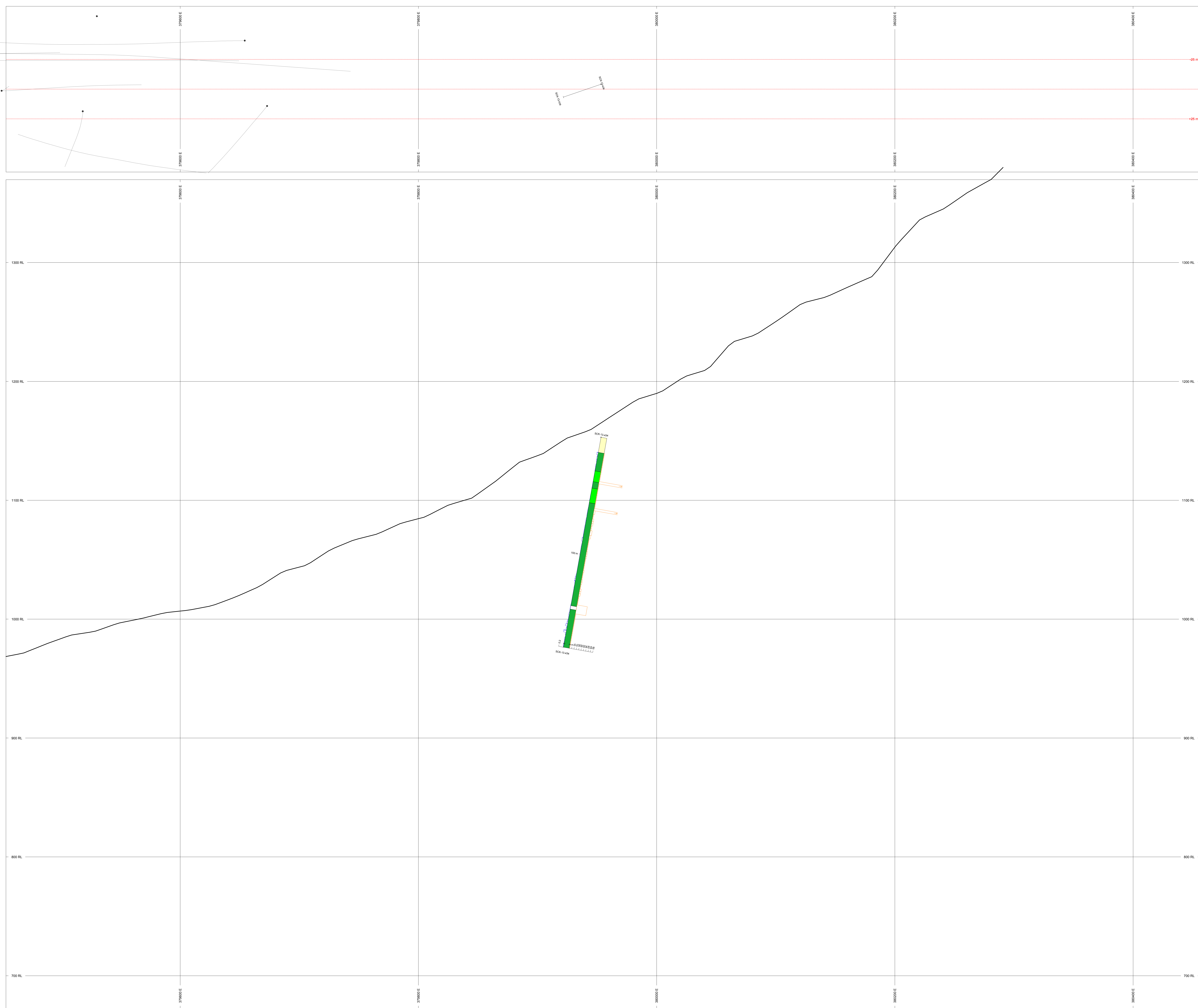
Lith_BEST_ID	PAT	LABEL	DESCRIPTION
AN	[Green]	AN	Andesite
IBX1	[Purple]	IBX1	Igneous Breccia 1
OVB	[Green]	OVB	Overburden
QMD	[Red]	QMD	Quartz Monzonite
QMZ	[Orange]	QMZ	Quartz Monzonite
LHSD3	[Blue]	LHSD3	Hydrothermal Breccia 3
dAN	[Pink]	dAN	Andesite Dyke
vAN	[Green]	vAN	Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 379503 m 6360800 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP, BOT 1170 m 472.6 m
 TOLERANCE +/- 25 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 18N

AZIMUTH = 90°
 N
 W E
 S

**TECK RESOURCES LIMITED
 SCHAFT CREEK
 6360800N SECTION**

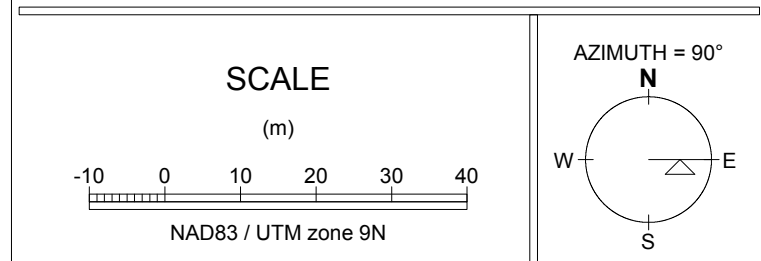


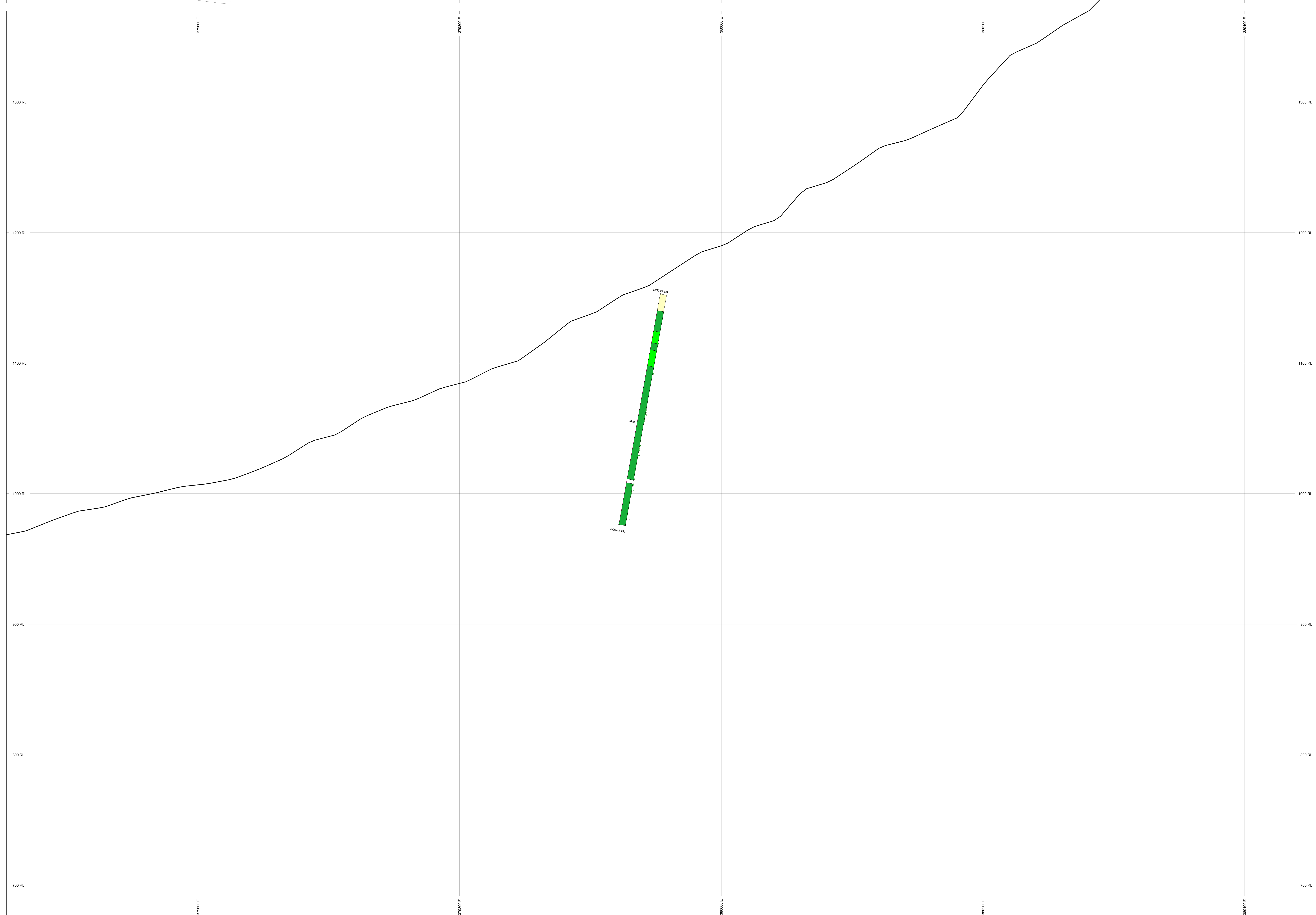
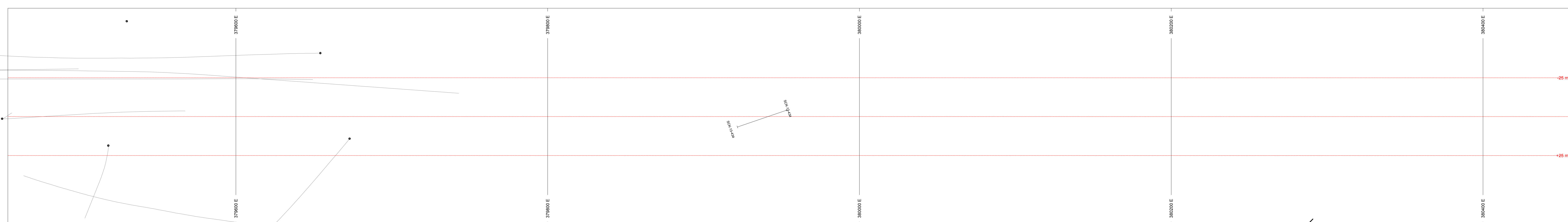
TOPOGRAPHY
 ——— Elev. by GRID

BAR GRAPHS L/R COL RANGE
 Ag_pgm_BESTEL L Max 1
 Lib R Full
 Ag_pgm_BESTEL R Max 50

ROCK CODES PAT LABEL DESCRIPTION
 LIB_BEST_D AN Andesite
 LOST Lost Core
 OVB Overburden
 vANI Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 379555 m 6300880 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1370 m 672.6 m
 TOLERANCE +/- 25 m





TOPOGRAPHY

DEM, 3x GRID

BAR GRAPHS L/R COL RANGE

Co_Loc_BESTEL R Max 1

Mo_Loc_BESTEL L Max 1

Lim R Full

ROCK CODES PAT LABEL DESCRIPTION

LIB_BEST_D AN Andesite

LOST Lost Core

OVB Overburden

vAN Volcanoclastic Andesite

SECTION SPECS:

REF. PT. E N 379555 m 6300880 m

EXTENTS 1000 m 697.1 m

SECTION TOP, BOT 1370 m 672.6 m

TOLERANCE +/- 25 m

SCALE

(m)

10 0 10 20 30 40

NADES / UTM zone 6N

AZIMUTH = 90°

N

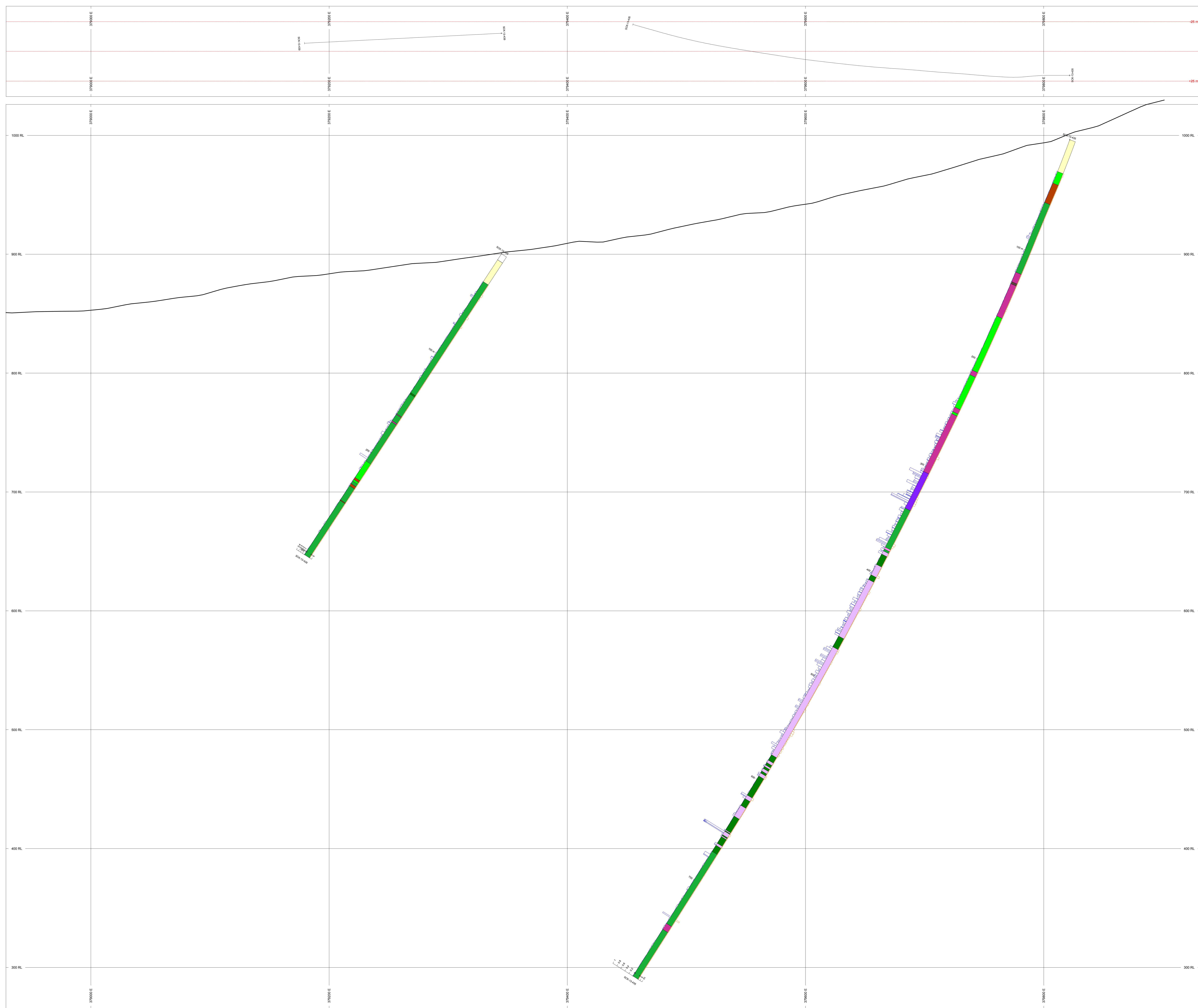
W E

S

TECK RESOURCES LIMITED

SCHAFT CREEK

6360880N SECTION



TOPOGRAPHY
 — 5m Is GRD

BM GRAPHIC

LR	COL	RANGE
Ai_glt_BESTEL	L	Max 1
Lit	R	Full
Ag_gpm_BESTEL	R	Max 50

ROCK CODES

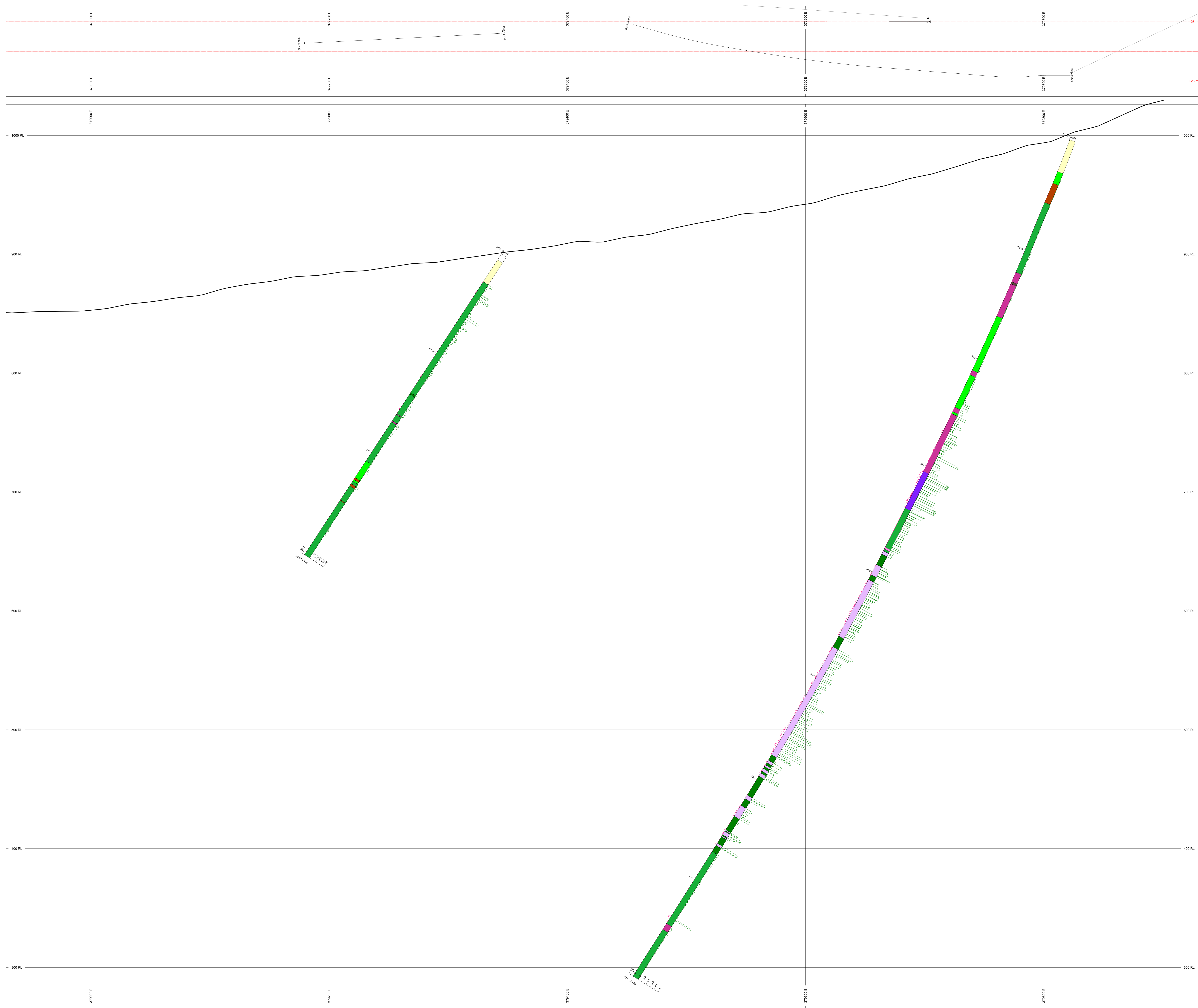
Lit_BEST_D	PAT	LABEL	DESCRIPTION
AN	AN	Andesite	Andesite
LOST	LOST	Lost Core	Lost Core
OVB	OVB	Overburden	Overburden
QMD	QMD	Quartz Monzonite	Quartz Monzonite
QNZ	QNZ	Quartz Monzonite	Quartz Monzonite
CHX1	CHX1	Hydrothermal Breccia 1	Hydrothermal Breccia 1
iSAN	iSAN	Andesite Dyke	Andesite Dyke
iDIO	iDIO	Diorite	Diorite
iPQRI	iPQRI	Porphyry	Porphyry
iAN	iAN	Volcaniclastic Andesite	Volcaniclastic Andesite

SECTION SPECS:
 REF. PT. E N 379430 m 6360485 m
 EXTENTS 1000 m 780.5 m
 SECTION TOP BOT 1000 m 265.5 m
 TOLERANCE +/- 25 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 09N

AZIMUTH = 90°
 N
 W E
 S

TECK RESOURCES LIMITED
SCHAFT CREEK
6360485N SECTION



TOPOGRAPHY
 — 5m Is GRD

DATA GRAPHIC
 LIR COL RANGE
 O_u_pt_BESTEL R Max 1
 Mo_pt_BESTEL L Max 1
 LIR R Full

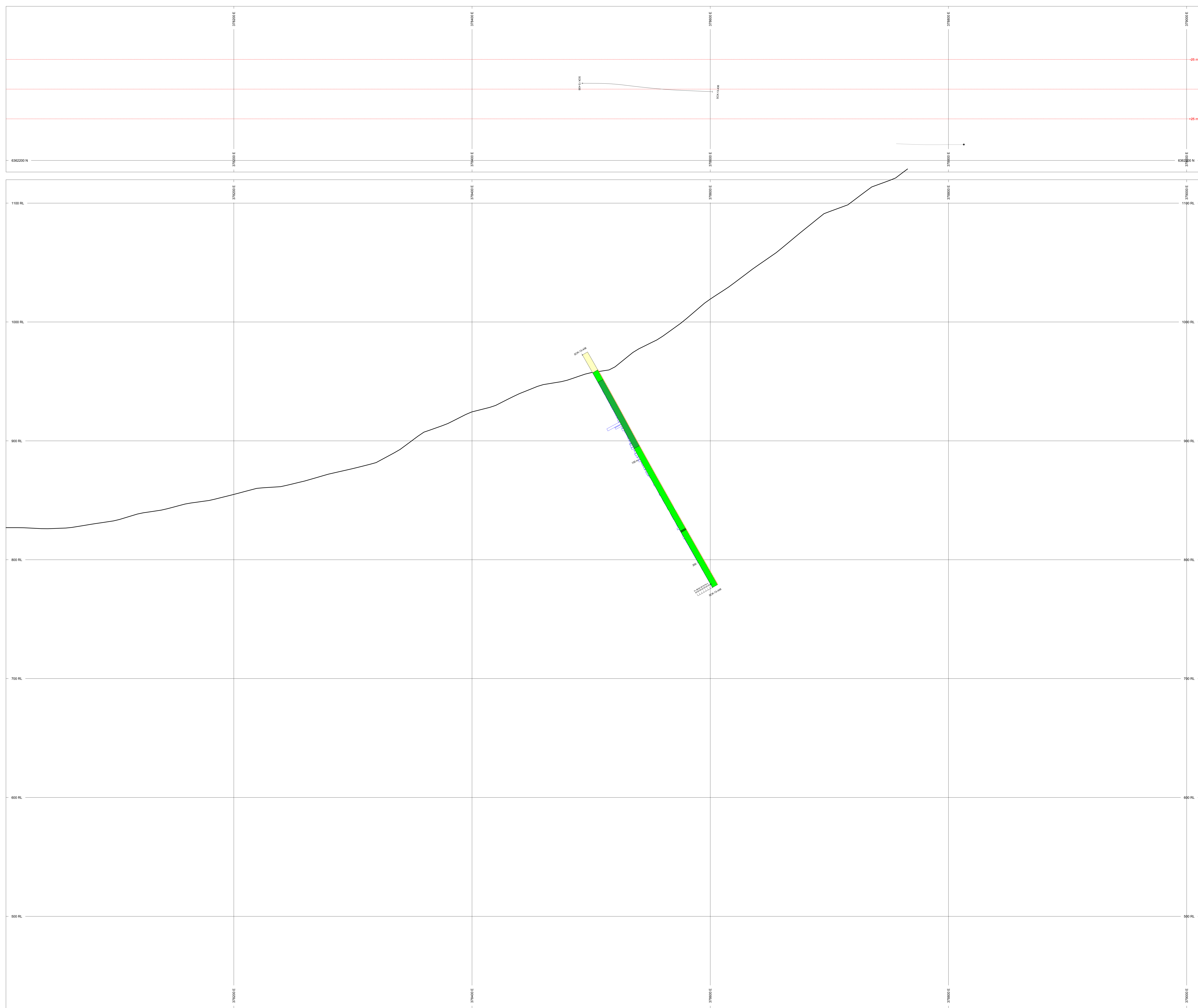
ROCK CODES
 LIR_BEST_D PAT LABEL DESCRIPTION
 AN Andesite
 LOST Lost Core
 OVB Overburden
 QMZ Quartz Monzonite
 HHEX1 Hydrothermal Breccia 1
 SAN Andesite Dyke
 HSD Diatrite
 sPQR1 Porphyry
 vAN Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 379430 m 6360485 m
 EXTENTS 1000 m 780.5 m
 SECTION TOP BOT 1025 m 265.5 m
 TOLERANCE +/- 25 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 18N

AZIMUTH = 90°
 N
 W E
 S

TECK RESOURCES LIMITED
SCHAFT CREEK
6360485N SECTION

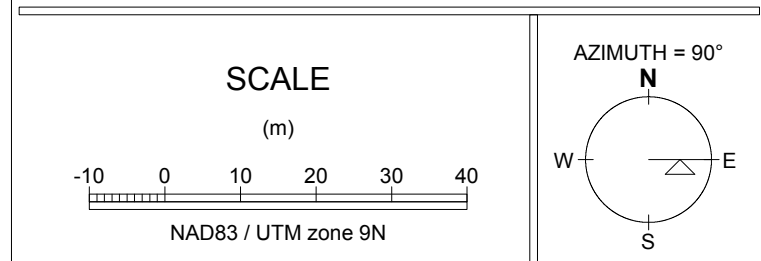


TOPOGRAPHY
 ——— Elev. by GRID

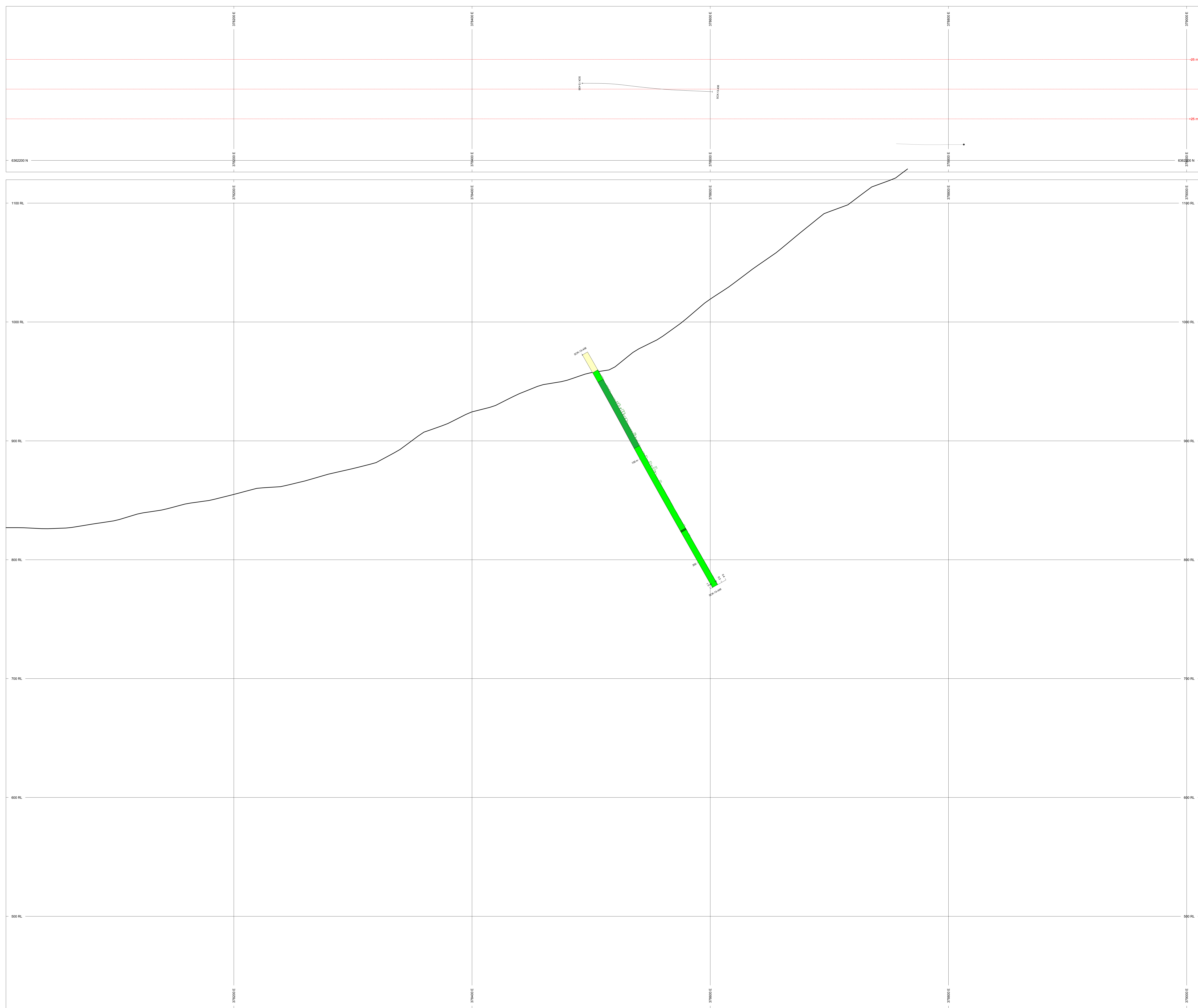
BAR GRAPHS L R COL RANGE
 Ag_lit_BESTEL L Max 1
 Lit R Full
 Ag_gpm_BESTEL R Max 50

ROCK CODES PAT LABEL DESCRIPTION
 Lit_BEST_D AN Andesite
 ORB Overburden
 sAN Andesite Dyke
 vAN Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 378510 m 6362260 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1100 m 422.6 m
 TOLERANCE +/- 25 m



TECK RESOURCES LIMITED
SCHAFT CREEK
6362260N SECTION

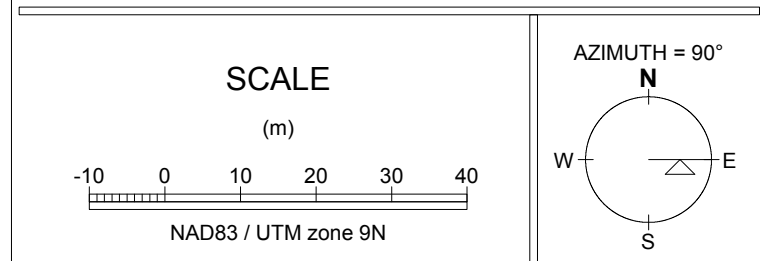


TOPOGRAPHY
 ——— Elev. 3 GAD

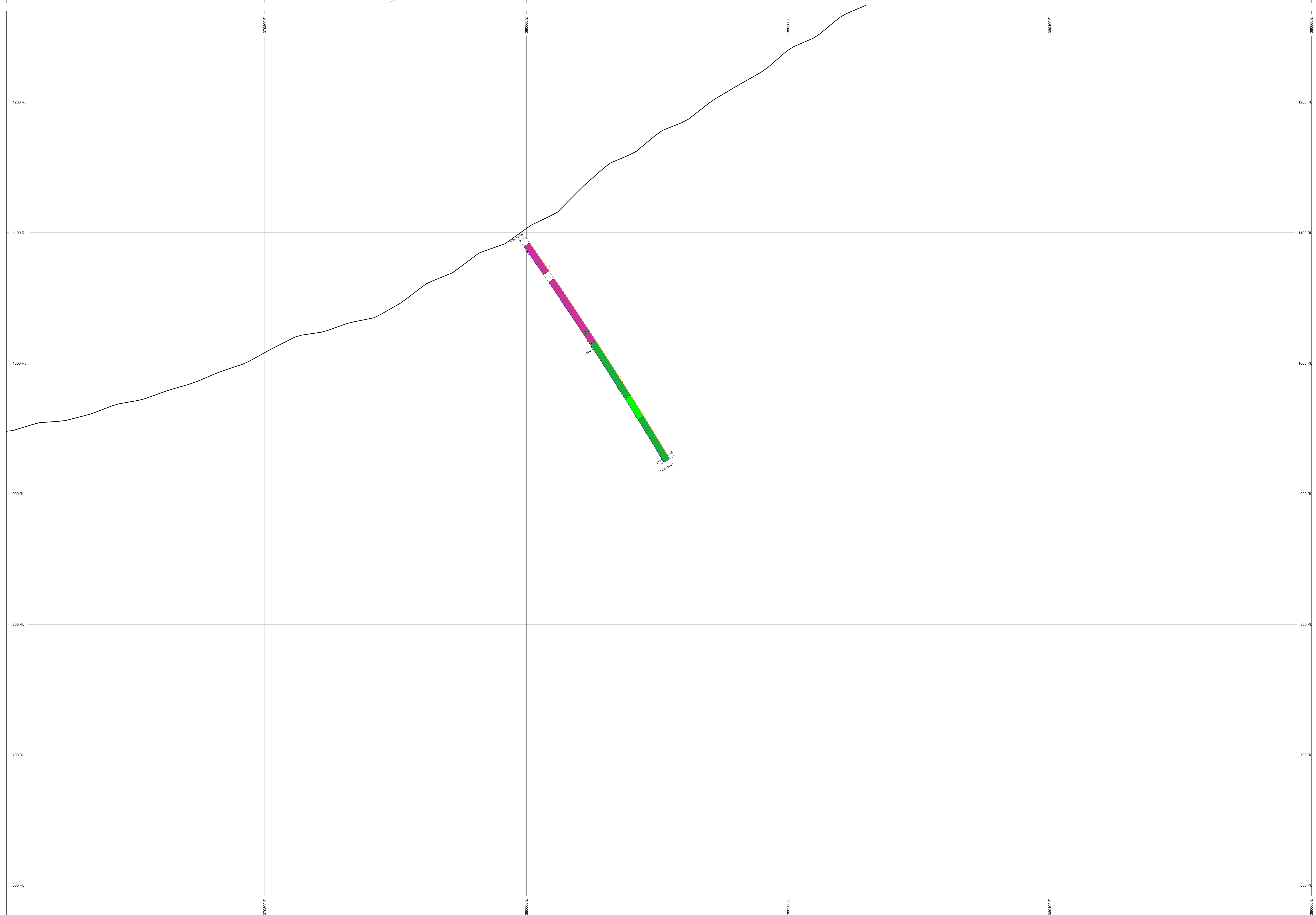
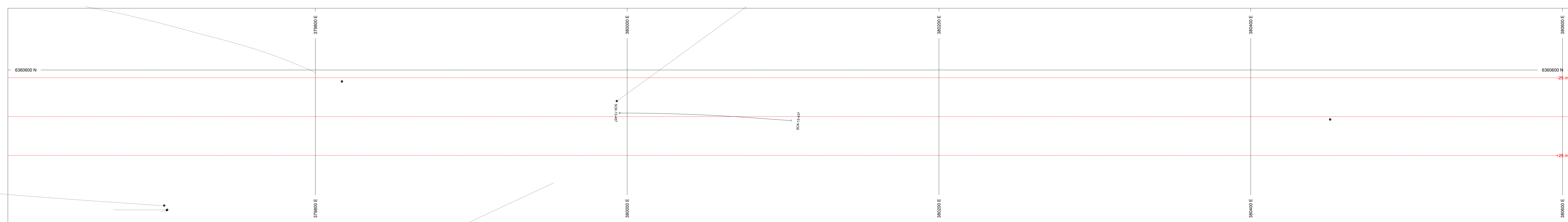
BAR GRAPHS L/R COL RANGE
 CoL_pct_BESTEL R Max 1
 Mo_pct_BESTEL L Max 1
 Lim R Full

ROCK CODES PAT LABEL DESCRIPTION
 LIB_BEST_D AN Andesite
 OIB Overburden
 sAN Andesite Dyke
 vAN Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 378510 m 6362260 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1100 m 422.6 m
 TOLERANCE +/- 25 m



TECK RESOURCES LIMITED
SCHAFT CREEK
6362260N SECTION

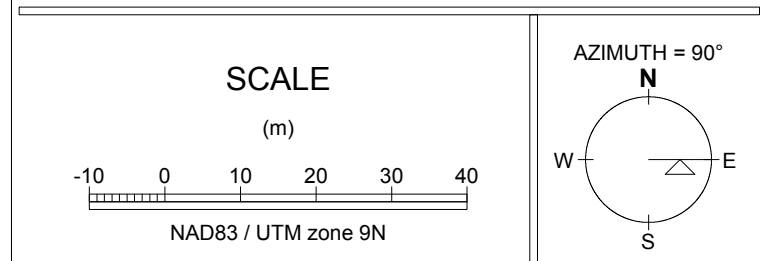


TOPOGRAPHY
 DEM, 3x GRID

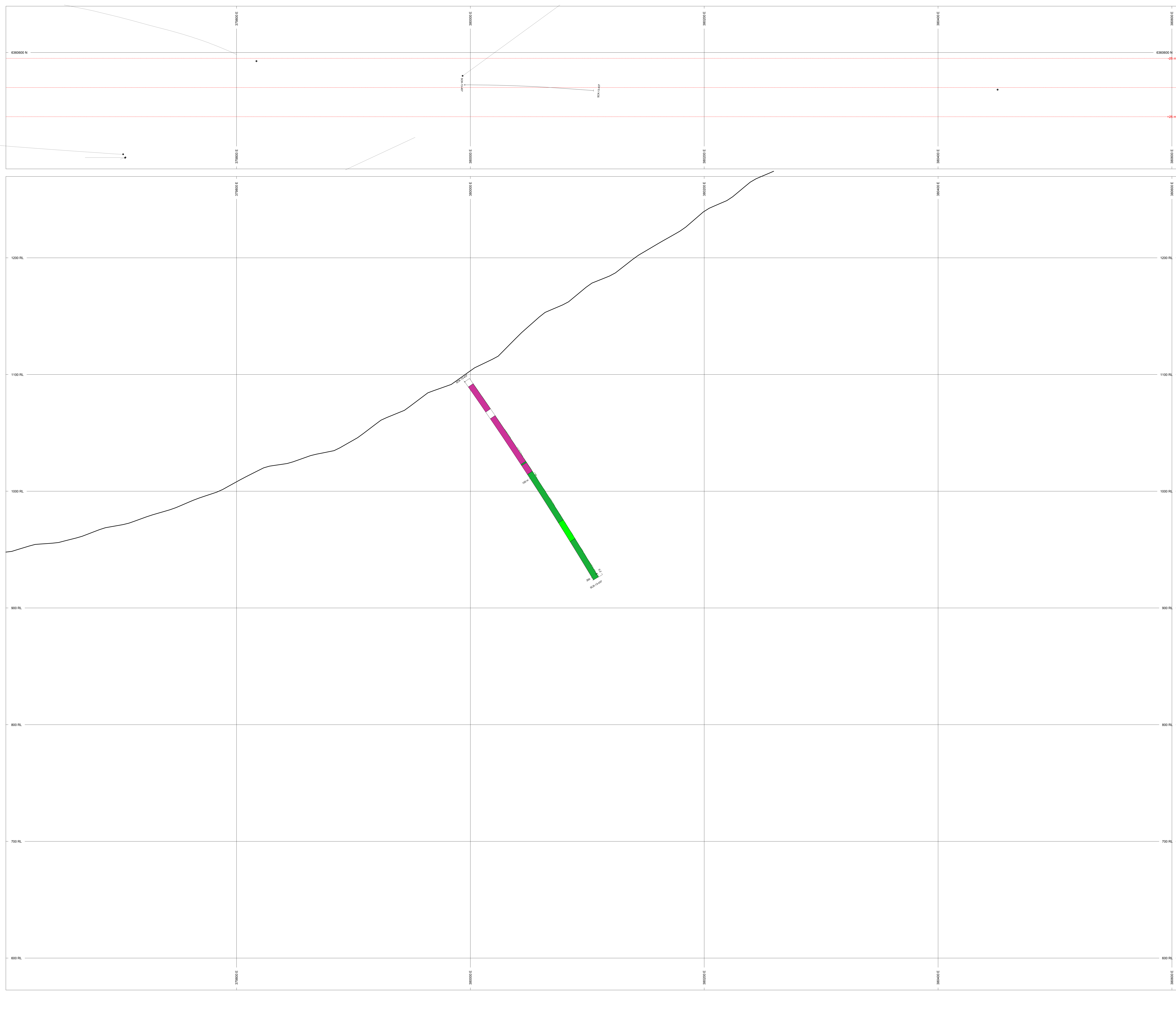
BAR GRAPHS L/R COL RANGE
 Ag_gm_BESTEL L Max 1
 Lith R Full
 Ag_gpm_BESTEL R Max 50

ROCK CODES PAT LABEL DESCRIPTION
 LIB_BEST_D AN Andesite
 LOST Lost Core
 CAZ Quartz Monzonite
 vAN Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 380104 m 6360570 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP, BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m



TECK RESOURCES LIMITED
SCHAFT CREEK
6360570N SECTION



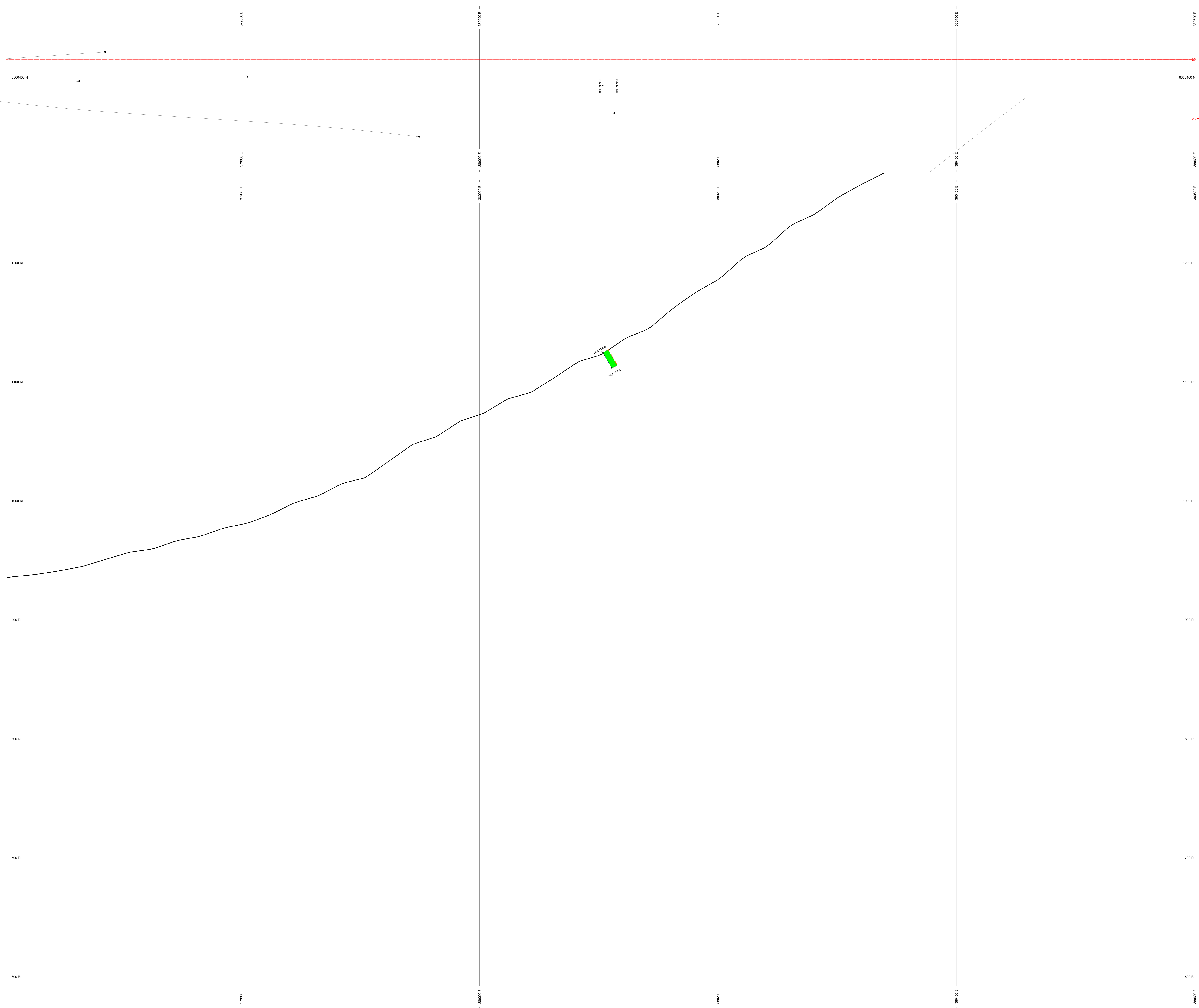
TOPOGRAPHY
 REF. PT. E N 382104 m 6380570 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m

SECTION SPECS.
 REF. PT. E N 382104 m 6380570 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m

SCALE
 (m)
 -10 0 10 20 30 40
 NADES / UTM zone 04N

ROCK CODES
 LIB_BEST_D PAT LABEL DESCRIPTION
 AN Andesite
 LOST Lost Core
 QAZ Quartz Monzonite
 vAN Volcanoclastic Andesite

SECTION SPECS.
 REF. PT. E N 382104 m 6380570 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m

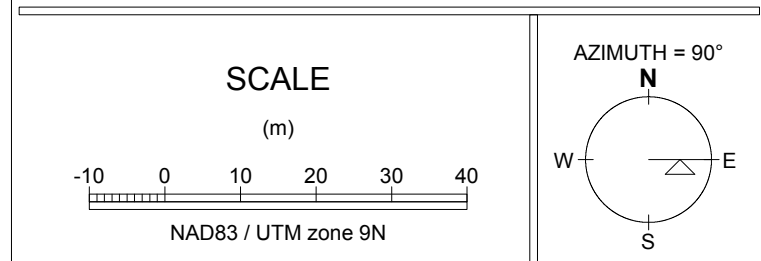


TOPOGRAPHY
 — 5m, 1y GRD

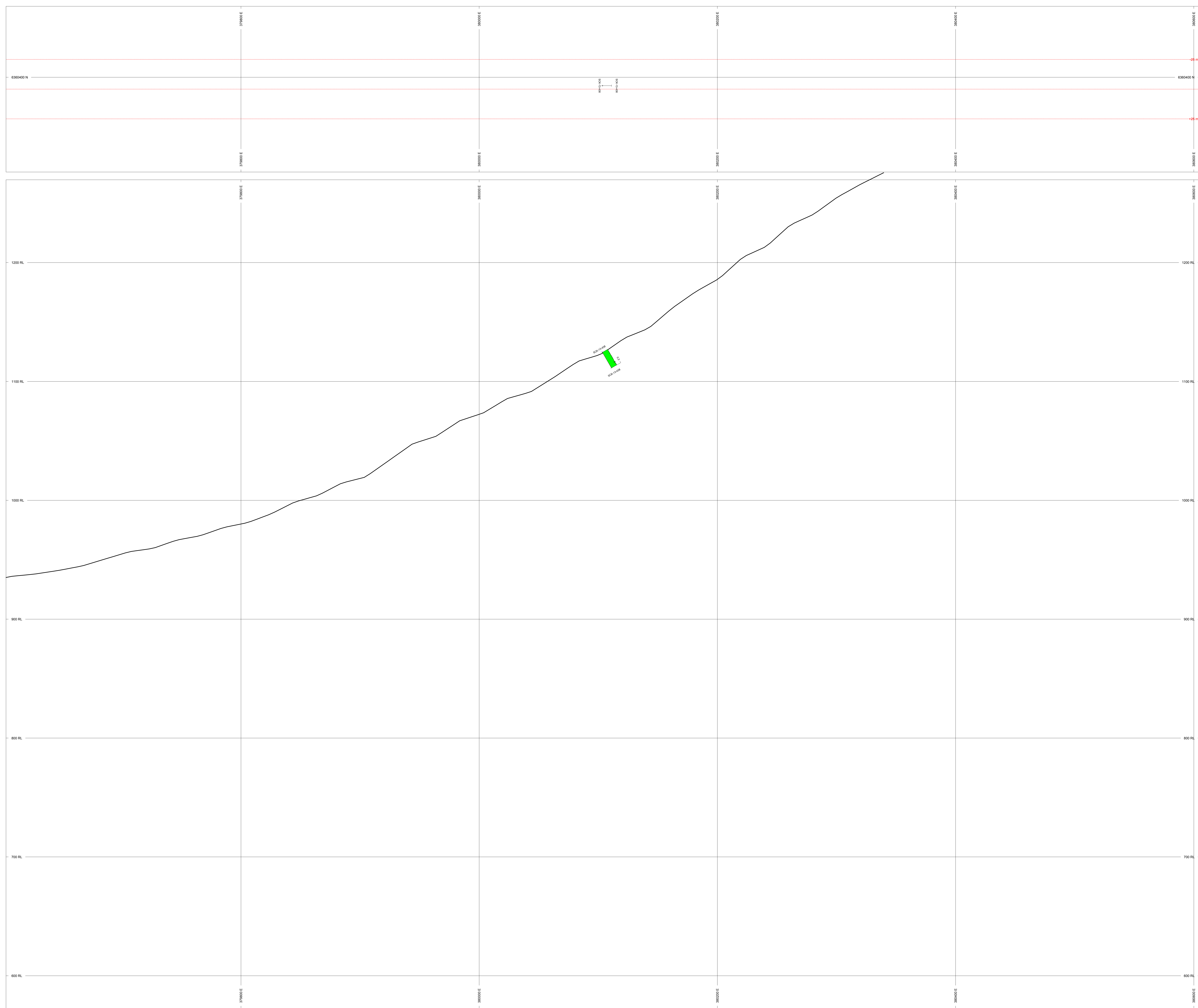
BAR GRAPHS L/R COL RANGE
 Au_gpt_BESTEL L Max 1
 Lith R Full
 Ag_ppm_BESTEL R Max 50

ROCK CODES PAT LABEL DESCRIPTION
 vAn Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 380104 m 6360390 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m

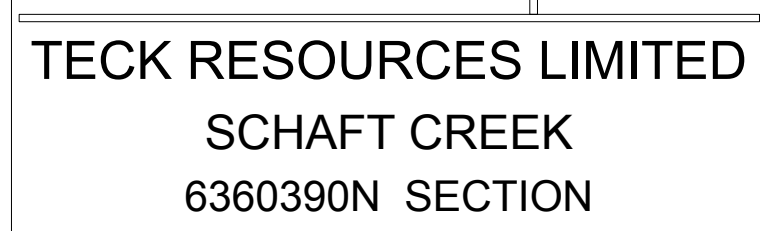


TECK RESOURCES LIMITED
 SCHAFT CREEK
 6360390N SECTION



TOPOGRAPHY
 — 5m, 1y GRD
 BAR GRAPHS L/R COL RANGE
 Co_pt_BESTEL R Max 1
 Mo_pt_BESTEL L Max 1
 Lith R Full
 ROCK CODES PAT LABEL DESCRIPTION
 vAN Volcanoclastic Andesite

SECTION SPECS:
 REF. PT. E N 380104 m 6360390 m
 EXTENTS 1000 m 697.1 m
 SECTION TOP BOT 1270 m 572.6 m
 TOLERANCE +/- 25 m



TECK RESOURCES LIMITED
SCHAFT CREEK
6360390N SECTION



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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: September 27, 2013
Report Date: October 17, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI13000331.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_001
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

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

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

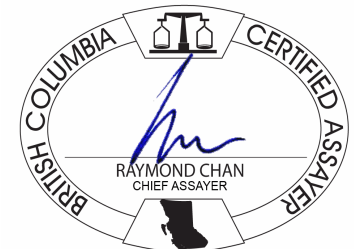
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	143	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	3	Split samples by riffle splitter			SMI
P200	3	Pulverize to 85% passing 200 mesh			VAN
7TD2	150	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	150	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	148	Analysis by Leco	0.1	Completed	VAN
G6	150	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144501	Drill Core	10.35	<0.001	0.009	<0.02	<0.01	<2	0.007	0.004	0.16	7.54	<0.02	0.05	<0.001	<0.01	<0.01	5.08	0.11	0.015	4.80	7.94
1144502	Drill Core	7.85	<0.001	0.011	<0.02	<0.01	3	0.006	0.003	0.16	7.57	<0.02	0.05	<0.001	<0.01	<0.01	4.94	0.11	0.013	5.09	8.28
1144503	Drill Core	8.21	<0.001	0.006	<0.02	<0.01	2	0.008	0.004	0.15	7.99	<0.02	0.03	<0.001	<0.01	<0.01	7.84	0.05	0.017	4.94	8.41
1144504	Drill Core	7.56	<0.001	0.008	<0.02	0.01	<2	0.008	0.004	0.19	7.79	<0.02	0.03	<0.001	<0.01	<0.01	7.71	0.08	0.018	5.17	6.96
1144505	Drill Core	12.25	<0.001	0.011	<0.02	<0.01	<2	0.008	0.004	0.19	7.67	<0.02	0.03	<0.001	<0.01	<0.01	5.95	0.08	0.016	5.08	7.53
1144506	Drill Core	11.02	<0.001	0.005	<0.02	<0.01	<2	0.006	0.004	0.19	7.99	<0.02	0.03	<0.001	<0.01	<0.01	6.11	0.07	0.012	4.78	7.49
1144507	Rock Pulp	0.14	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.51	<0.02	0.06	<0.001	<0.01	<0.01	2.15	0.07	0.001	0.68	7.45
1144508	Drill Core	7.62	<0.001	0.008	<0.02	0.01	<2	0.005	0.004	0.18	7.67	<0.02	0.03	<0.001	<0.01	<0.01	5.27	0.08	0.010	4.45	8.18
1144509	Drill Core	10.63	<0.001	0.009	<0.02	<0.01	<2	0.005	0.004	0.16	7.60	<0.02	0.03	<0.001	<0.01	<0.01	4.96	0.08	0.011	4.68	8.02
1144510	Rock	5.81	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.56	<0.02	0.05	<0.001	<0.01	<0.01	1.53	0.03	0.001	0.24	6.04
1144511	Drill Core	8.66	<0.001	0.008	<0.02	<0.01	<2	0.007	0.004	0.17	7.57	<0.02	0.03	<0.001	<0.01	<0.01	5.06	0.07	0.014	5.30	7.91
1144512	Drill Core	4.90	<0.001	0.003	<0.02	0.01	<2	0.008	0.003	0.23	7.24	<0.02	0.01	<0.001	<0.01	<0.01	4.97	0.07	0.017	4.38	8.11
1144513	Drill Core	6.22	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.11	3.25	<0.02	0.03	<0.001	<0.01	<0.01	2.36	0.09	<0.001	1.04	7.35
1144514	Drill Core	6.39	<0.001	0.006	<0.02	0.01	<2	<0.001	0.001	0.14	4.58	<0.02	0.05	<0.001	<0.01	<0.01	3.68	0.12	0.001	1.55	8.81
1144515	Drill Core	6.16	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.13	4.97	<0.02	0.05	<0.001	<0.01	<0.01	3.41	0.13	0.002	1.74	8.96
1144516	Drill Core	4.79	<0.001	0.007	<0.02	0.01	<2	<0.001	0.001	0.13	4.97	<0.02	0.06	<0.001	<0.01	<0.01	4.00	0.12	0.001	1.75	9.07
1144517	Drill Core	6.37	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.13	5.01	<0.02	0.05	<0.001	<0.01	<0.01	3.56	0.13	<0.001	1.80	8.24
1144518	Drill Core	5.01	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.13	4.88	<0.02	0.05	<0.001	<0.01	<0.01	3.58	0.13	0.001	1.80	8.01
1144519	Drill Core	3.72	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.13	5.12	<0.02	0.05	<0.001	<0.01	<0.01	3.44	0.13	0.001	1.82	8.83
1144520	Drill Core	3.88	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.13	5.00	<0.02	0.05	<0.001	<0.01	<0.01	3.26	0.13	0.002	1.81	8.04
1144521	Drill Core	5.52	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.11	4.98	<0.02	0.05	<0.001	<0.01	<0.01	3.18	0.12	0.001	1.73	8.39
1144522	Drill Core	7.71	<0.001	0.007	<0.02	<0.01	2	<0.001	0.001	0.12	4.81	<0.02	0.06	<0.001	<0.01	<0.01	3.75	0.13	0.001	1.72	8.20
1144523	Drill Core	6.23	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.13	5.05	<0.02	0.06	<0.001	<0.01	<0.01	3.68	0.13	0.001	1.77	9.17
1144524	Drill Core	4.63	<0.001	0.007	<0.02	<0.01	2	<0.001	0.001	0.13	4.90	<0.02	0.05	<0.001	<0.01	<0.01	4.02	0.12	0.001	1.64	8.20
1144525	Drill Core	2.97	<0.001	0.009	<0.02	<0.01	<2	0.002	0.002	0.14	5.89	<0.02	0.06	<0.001	<0.01	<0.01	4.66	0.11	0.004	2.47	9.03
1144526	Drill Core	5.08	<0.001	0.012	<0.02	<0.01	<2	0.004	0.003	0.18	6.62	<0.02	0.05	<0.001	<0.01	<0.01	6.61	0.10	0.008	2.98	8.28
1144527	Drill Core	5.44	<0.001	0.013	<0.02	<0.01	<2	0.005	0.003	0.14	6.80	<0.02	0.05	<0.001	<0.01	<0.01	6.21	0.10	0.010	3.42	8.46
1144528	Drill Core	5.12	<0.001	0.008	<0.02	0.01	<2	0.008	0.004	0.14	7.51	<0.02	0.03	<0.001	<0.01	<0.01	6.28	0.07	0.016	5.13	8.12
1144529	Drill Core	5.16	<0.001	0.010	<0.02	0.02	<2	0.005	0.004	0.15	7.08	<0.02	0.03	<0.001	<0.01	<0.01	5.94	0.07	0.011	4.61	7.61
1144530	Drill Core	8.39	<0.001	0.012	<0.02	0.01	3	0.007	0.004	0.17	7.76	<0.02	0.03	<0.001	<0.01	<0.01	6.41	0.10	0.018	5.54	6.96

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144501	Drill Core	3.06	0.64	<0.01	0.21	1.1	89.4	1.5	57	<0.1	54.0	26.6	739	4.03	75.2	5.1	0.5	26	<0.1	0.6	<0.1
1144502	Drill Core	3.15	0.59	<0.01	0.35	0.8	103.2	1.9	68	<0.1	46.9	27.2	673	4.08	54.6	2.9	0.5	40	0.2	0.4	<0.1
1144503	Drill Core	1.36	0.38	<0.01	0.12	0.5	55.3	1.0	46	<0.1	64.9	32.4	778	5.25	25.8	0.9	0.2	205	0.1	0.2	<0.1
1144504	Drill Core	1.71	0.57	<0.01	0.16	0.5	79.2	1.7	63	<0.1	59.9	32.0	908	4.54	51.4	6.9	0.3	110	0.1	0.2	<0.1
1144505	Drill Core	2.41	0.90	<0.01	0.08	0.3	106.0	0.9	69	<0.1	47.7	31.8	956	4.32	58.1	1.1	0.2	35	0.1	0.2	<0.1
1144506	Drill Core	2.01	0.89	<0.01	0.09	0.3	50.4	1.0	69	<0.1	47.4	31.8	1048	4.67	43.7	4.0	0.2	70	<0.1	0.3	<0.1
1144507	Rock Pulp	3.19	1.71	<0.01	0.23	38.9	729.6	20.8	48	0.4	8.1	8.3	236	2.20	2.6	2.3	2.9	55	0.3	0.1	0.2
1144508	Drill Core	2.65	0.69	<0.01	0.06	<0.1	77.4	1.2	96	0.1	45.7	33.6	1415	5.91	38.8	3.7	0.2	52	<0.1	0.2	<0.1
1144509	Drill Core	2.74	0.67	<0.01	0.35	0.4	95.8	2.1	70	<0.1	43.4	33.8	872	4.75	57.1	1.4	0.2	37	0.1	0.3	<0.1
1144510	Rock	2.93	1.42	<0.01	<0.05	0.6	10.7	2.2	56	<0.1	1.4	2.5	348	1.51	0.6	<0.5	7.9	28	<0.1	<0.1	<0.1
1144511	Drill Core	2.73	0.55	<0.01	0.16	0.2	83.8	0.7	71	<0.1	54.3	35.1	894	4.59	62.3	1.9	0.2	25	0.1	0.3	<0.1
1144512	Drill Core	1.28	1.03	<0.01	0.33	1.2	29.5	3.3	106	<0.1	65.9	30.1	1969	6.12	27.0	4.6	0.2	49	0.1	0.2	<0.1
1144513	Drill Core	3.60	1.38	<0.01	0.23	1.4	4.5	2.0	47	<0.1	1.9	5.7	1098	3.06	17.9	5.7	0.3	43	<0.1	0.2	0.1
1144514	Drill Core	4.08	0.78	<0.01	0.37	1.6	65.4	2.7	102	0.1	7.5	12.6	1177	4.04	21.1	0.5	0.3	54	0.4	0.3	<0.1
1144515	Drill Core	4.51	1.20	<0.01	0.29	1.3	78.4	2.5	84	<0.1	7.4	14.0	1101	4.20	28.1	3.4	0.3	33	<0.1	0.3	<0.1
1144516	Drill Core	3.98	0.95	<0.01	0.38	0.7	72.2	3.2	102	<0.1	6.9	13.5	1104	4.12	30.6	1.4	0.3	56	0.4	0.3	<0.1
1144517	Drill Core	3.97	1.05	<0.01	0.47	1.1	75.5	3.2	76	<0.1	6.8	14.7	1106	4.32	36.1	3.2	0.3	48	0.2	0.5	<0.1
1144518	Drill Core	4.28	0.80	<0.01	0.40	0.7	78.6	3.6	56	<0.1	7.4	15.2	1156	4.35	32.0	<0.5	0.4	42	0.1	0.4	<0.1
1144519	Drill Core	4.44	0.74	<0.01	0.33	0.8	65.0	3.1	63	<0.1	7.5	13.9	1029	4.23	22.4	3.3	0.4	45	<0.1	0.3	<0.1
1144520	Drill Core	4.44	0.76	<0.01	0.33	0.6	65.3	2.5	62	<0.1	7.2	14.0	1028	4.21	21.6	2.9	0.3	49	0.1	0.3	<0.1
1144521	Drill Core	4.50	0.77	<0.01	0.34	0.8	76.5	3.3	67	0.2	6.9	13.7	974	4.28	27.9	1.1	0.3	45	0.2	0.3	<0.1
1144522	Drill Core	3.86	1.05	<0.01	0.31	1.7	70.1	1.7	77	1.6	6.2	12.7	867	3.74	24.1	1.2	0.3	54	0.2	0.4	<0.1
1144523	Drill Core	4.27	1.04	<0.01	0.42	1.6	78.6	1.6	64	<0.1	5.9	12.4	652	3.47	77.1	0.8	0.2	43	0.1	0.4	<0.1
1144524	Drill Core	4.28	0.99	<0.01	0.40	1.4	75.4	1.3	63	<0.1	5.8	11.0	565	3.19	32.8	2.2	0.2	42	0.2	0.3	<0.1
1144525	Drill Core	3.88	0.93	<0.01	0.39	1.8	99.5	1.2	58	<0.1	16.5	16.8	612	3.40	25.7	2.4	0.3	42	<0.1	0.1	<0.1
1144526	Drill Core	3.23	0.52	<0.01	0.63	3.3	121.6	1.7	51	0.1	29.3	24.5	616	3.39	42.3	4.6	0.4	81	0.2	0.3	<0.1
1144527	Drill Core	2.91	0.65	<0.01	0.79	4.8	130.3	1.7	51	<0.1	44.3	26.8	654	4.22	39.5	2.8	0.4	112	0.2	0.3	<0.1
1144528	Drill Core	2.10	0.58	<0.01	0.48	2.1	85.0	3.0	90	<0.1	66.0	33.5	726	4.69	37.7	<0.5	0.4	80	0.5	0.5	<0.1
1144529	Drill Core	2.60	0.86	<0.01	0.64	2.2	104.6	6.7	198	<0.1	41.2	30.8	823	4.30	50.9	5.8	0.3	41	1.3	0.7	<0.1
1144530	Drill Core	2.09	0.60	<0.01	0.48	1.1	125.2	3.9	94	<0.1	52.5	31.7	733	4.24	84.4	4.5	0.4	60	0.4	0.7	<0.1

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144501	Drill Core	121	1.25	0.096	3	75	2.39	31	0.220	<20	2.41	0.103	0.06	0.1	<0.01	7.7	<0.1	0.22	8	<0.5	<0.2
1144502	Drill Core	118	1.39	0.089	2	73	2.79	22	0.235	<20	2.62	0.132	0.05	0.2	<0.01	5.5	<0.1	0.33	9	<0.5	<0.2
1144503	Drill Core	127	3.76	0.044	4	61	3.20	34	0.260	<20	5.32	0.537	0.05	<0.1	<0.01	7.8	<0.1	0.12	9	<0.5	<0.2
1144504	Drill Core	133	3.53	0.067	2	112	2.99	24	0.235	<20	3.62	0.228	0.05	0.2	<0.01	9.8	<0.1	0.16	10	<0.5	<0.2
1144505	Drill Core	143	2.33	0.075	1	101	3.07	19	0.266	<20	2.95	0.106	0.06	0.1	0.01	7.0	<0.1	0.09	10	<0.5	<0.2
1144506	Drill Core	162	3.04	0.064	<1	85	3.08	28	0.259	<20	3.32	0.157	0.09	0.4	<0.01	11.0	<0.1	0.09	10	<0.5	<0.2
1144507	Rock Pulp	37	0.64	0.066	8	12	0.59	56	0.047	<20	0.91	0.073	0.15	1.1	<0.01	2.2	<0.1	0.24	5	<0.5	0.2
1144508	Drill Core	227	3.58	0.073	2	82	3.82	32	0.250	<20	3.95	0.096	0.08	0.2	<0.01	16.2	<0.1	0.07	12	<0.5	<0.2
1144509	Drill Core	156	1.91	0.077	1	62	3.11	26	0.316	<20	3.21	0.130	0.07	0.3	<0.01	8.8	<0.1	0.37	10	<0.5	<0.2
1144510	Rock	14	0.24	0.032	14	6	0.27	78	0.074	<20	0.64	0.094	0.31	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1144511	Drill Core	141	1.54	0.069	<1	63	3.44	15	0.285	<20	3.35	0.102	0.06	0.1	<0.01	8.4	<0.1	0.16	10	0.6	<0.2
1144512	Drill Core	161	4.54	0.063	5	145	3.97	260	0.063	<20	4.69	0.018	0.14	<0.1	<0.01	18.9	<0.1	0.35	11	<0.5	<0.2
1144513	Drill Core	27	2.12	0.087	11	4	1.01	595	0.005	<20	1.70	0.071	0.18	0.1	<0.01	2.1	<0.1	0.26	8	1.0	<0.2
1144514	Drill Core	115	2.44	0.112	7	8	1.49	101	0.105	<20	2.23	0.130	0.09	0.3	<0.01	7.2	<0.1	0.39	11	<0.5	<0.2
1144515	Drill Core	129	2.40	0.125	6	9	1.64	32	0.120	<20	2.14	0.094	0.07	0.1	<0.01	7.8	<0.1	0.29	12	<0.5	<0.2
1144516	Drill Core	124	2.38	0.114	6	8	1.56	55	0.164	<20	2.21	0.149	0.10	0.3	<0.01	7.7	<0.1	0.37	11	<0.5	<0.2
1144517	Drill Core	122	2.27	0.120	6	8	1.69	38	0.178	<20	2.23	0.127	0.09	<0.1	<0.01	8.0	<0.1	0.48	11	<0.5	0.3
1144518	Drill Core	125	2.68	0.117	7	8	1.78	25	0.107	<20	2.35	0.114	0.09	<0.1	<0.01	7.6	<0.1	0.41	11	<0.5	<0.2
1144519	Drill Core	115	1.98	0.127	6	8	1.63	29	0.196	<20	2.13	0.136	0.09	0.2	<0.01	6.7	<0.1	0.35	12	<0.5	<0.2
1144520	Drill Core	120	2.07	0.120	6	8	1.66	33	0.196	<20	2.26	0.157	0.10	0.1	<0.01	7.1	<0.1	0.35	11	0.9	<0.2
1144521	Drill Core	124	2.08	0.124	6	8	1.64	26	0.154	<20	2.24	0.138	0.08	0.2	<0.01	7.2	<0.1	0.36	11	<0.5	<0.2
1144522	Drill Core	102	1.98	0.122	5	6	1.43	46	0.192	<20	2.09	0.148	0.11	8.9	<0.01	5.6	<0.1	0.32	9	<0.5	<0.2
1144523	Drill Core	89	1.57	0.128	5	7	1.20	26	0.187	20	1.89	0.142	0.10	0.2	<0.01	3.9	<0.1	0.43	9	<0.5	<0.2
1144524	Drill Core	82	1.77	0.123	4	7	1.01	25	0.187	30	1.65	0.151	0.10	0.2	<0.01	3.8	<0.1	0.41	9	<0.5	<0.2
1144525	Drill Core	100	1.54	0.116	3	20	1.23	33	0.207	<20	1.91	0.160	0.09	0.4	<0.01	5.0	<0.1	0.41	9	<0.5	<0.2
1144526	Drill Core	96	1.90	0.096	2	30	1.31	37	0.249	<20	2.27	0.245	0.09	0.1	<0.01	5.9	<0.1	0.65	7	<0.5	<0.2
1144527	Drill Core	107	2.28	0.095	4	58	2.02	38	0.240	<20	2.93	0.276	0.09	0.2	<0.01	6.8	<0.1	0.81	9	1.0	<0.2
1144528	Drill Core	121	2.64	0.065	3	121	3.50	44	0.276	<20	4.10	0.282	0.11	0.1	<0.01	9.6	<0.1	0.51	10	1.4	<0.2
1144529	Drill Core	140	2.93	0.074	2	64	2.93	37	0.299	<20	2.95	0.119	0.07	0.2	<0.01	7.1	<0.1	0.64	11	<0.5	<0.2
1144530	Drill Core	123	2.08	0.098	2	128	2.89	48	0.281	20	2.84	0.107	0.10	0.1	<0.01	5.5	0.1	0.49	10	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
1144501	Drill Core	0.10	0.22	0.006
1144502	Drill Core	0.20	0.37	<0.005
1144503	Drill Core	0.38	0.13	<0.005
1144504	Drill Core	0.79	0.15	<0.005
1144505	Drill Core	0.54	0.10	<0.005
1144506	Drill Core	0.73	0.11	<0.005
1144507	Rock Pulp	0.12	0.25	<0.005
1144508	Drill Core	1.00	0.09	0.008
1144509	Drill Core	0.32	0.41	<0.005
1144510	Rock	<0.02	<0.02	<0.005
1144511	Drill Core	0.21	0.18	<0.005
1144512	Drill Core	1.59	0.38	<0.005
1144513	Drill Core	0.65	0.28	<0.005
1144514	Drill Core	0.65	0.41	<0.005
1144515	Drill Core	0.64	0.34	<0.005
1144516	Drill Core	0.60	0.42	<0.005
1144517	Drill Core	0.55	0.52	<0.005
1144518	Drill Core	0.72	0.42	<0.005
1144519	Drill Core	0.43	0.36	<0.005
1144520	Drill Core	0.44	0.36	<0.005
1144521	Drill Core	0.47	0.37	<0.005
1144522	Drill Core	0.37	0.34	<0.005
1144523	Drill Core	0.16	0.47	<0.005
1144524	Drill Core	0.20	0.47	<0.005
1144525	Drill Core	0.09	0.46	<0.005
1144526	Drill Core	0.12	0.73	<0.005
1144527	Drill Core	0.25	0.86	0.008
1144528	Drill Core	0.32	0.58	<0.005
1144529	Drill Core	0.68	0.69	<0.005
1144530	Drill Core	0.30	0.52	<0.005

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144531	Drill Core	8.37	<0.001	0.005	<0.02	<0.01	<2	0.002	0.003	0.12	6.19	<0.02	0.04	<0.001	<0.01	<0.01	5.36	0.11	0.007	3.16	8.83
1144532	Drill Core	7.60	<0.001	0.003	<0.02	<0.01	<2	0.003	0.003	0.12	5.95	<0.02	0.06	<0.001	<0.01	<0.01	5.90	0.11	0.006	2.99	9.57
1144533	Drill Core	6.84	<0.001	0.005	<0.02	<0.01	<2	0.003	0.003	0.14	6.27	<0.02	0.04	<0.001	<0.01	<0.01	5.63	0.10	0.007	3.46	8.60
1144534	Rock Pulp	0.16	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.18	<0.02	0.05	<0.001	<0.01	<0.01	1.90	0.06	0.001	0.54	7.54
1144535	Drill Core	7.44	<0.001	0.002	<0.02	<0.01	<2	0.001	<0.001	0.11	4.93	<0.02	0.04	<0.001	<0.01	<0.01	3.23	0.17	0.003	2.12	8.07
1144536	Rock	5.58	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.58	<0.02	0.06	<0.001	<0.01	<0.01	1.64	0.03	<0.001	0.25	6.82
1144537	Drill Core	5.13	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.10	4.81	<0.02	0.05	<0.001	<0.01	<0.01	3.78	0.17	0.004	2.36	8.60
1144538	Drill Core	3.25	<0.001	0.002	<0.02	<0.01	<2	0.002	0.001	0.10	5.16	<0.02	0.06	<0.001	<0.01	<0.01	3.78	0.18	0.003	2.47	8.78
1144539	Drill Core	2.85	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.10	4.87	<0.02	0.06	<0.001	<0.01	<0.01	3.85	0.17	0.003	2.34	8.50
1144540	Drill Core	5.46	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.10	4.89	<0.02	0.05	<0.001	<0.01	<0.01	4.20	0.18	0.004	2.39	8.58
1144541	Drill Core	6.44	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.10	4.96	<0.02	0.06	<0.001	<0.01	<0.01	3.87	0.18	0.004	2.29	8.69
1144542	Drill Core	6.52	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.66	<0.02	0.04	<0.001	<0.01	<0.01	3.17	0.18	0.003	1.97	8.32
1144543	Drill Core	5.08	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.40	<0.02	0.03	<0.001	<0.01	<0.01	3.04	0.17	0.002	2.10	7.99
1144544	Drill Core	4.38	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.78	<0.02	0.03	<0.001	<0.01	<0.01	3.81	0.13	0.001	1.42	8.21
1144545	Drill Core	4.75	<0.001	0.007	<0.02	<0.01	<2	0.002	0.001	0.09	4.72	<0.02	0.05	<0.001	<0.01	<0.01	4.26	0.11	0.004	2.30	9.05
1144546	Drill Core	4.93	<0.001	0.009	<0.02	<0.01	<2	0.002	0.001	0.12	5.87	<0.02	0.05	<0.001	<0.01	<0.01	5.80	0.11	0.005	2.91	8.39
1144547	Drill Core	4.18	<0.001	0.011	<0.02	0.01	<2	0.003	0.001	0.13	5.69	<0.02	0.04	<0.001	<0.01	<0.01	6.24	0.11	0.005	2.52	8.17
1144548	Rock Pulp	0.20	0.016	0.183	<0.02	<0.01	<2	0.001	<0.001	0.07	4.06	<0.02	0.07	<0.001	<0.01	<0.01	2.28	0.08	0.002	0.71	7.06
1144549	Drill Core	4.12	<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.30	5.77	<0.02	0.02	<0.001	<0.01	<0.01	13.56	0.13	0.005	1.29	7.68
1144550	Drill Core	2.17	<0.001	0.015	<0.02	<0.01	<2	0.004	0.002	0.14	6.08	<0.02	0.06	<0.001	<0.01	<0.01	6.06	0.12	0.006	2.45	8.75
1144551	Drill Core	6.67	<0.001	0.008	<0.02	<0.01	<2	0.003	0.001	0.21	5.83	<0.02	0.04	<0.001	<0.01	<0.01	12.73	0.11	0.006	1.35	7.64
1144552	Drill Core	4.59	0.002	0.010	<0.02	<0.01	<2	0.006	0.002	0.22	5.91	<0.02	0.04	<0.001	<0.01	<0.01	9.61	0.10	0.005	1.76	6.90
1144553	Drill Core	4.09	0.003	0.009	<0.02	<0.01	<2	0.007	0.002	0.20	5.93	<0.02	0.04	<0.001	<0.01	<0.01	9.39	0.10	0.005	1.74	6.97
1144554	Drill Core	3.82	0.002	0.016	<0.02	<0.01	<2	0.005	0.001	0.12	6.07	<0.02	0.07	<0.001	<0.01	<0.01	7.56	0.11	0.003	1.69	8.50
1144555	Rock	4.40	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.65	<0.02	0.06	<0.001	<0.01	<0.01	1.69	0.04	<0.001	0.27	7.11
1144556	Drill Core	7.37	0.003	0.017	<0.02	<0.01	<2	0.003	0.002	0.28	8.51	<0.02	0.05	<0.001	<0.01	<0.01	9.99	0.12	0.002	1.71	7.52
1144557	Drill Core	5.86	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.29	7.99	<0.02	0.05	<0.001	<0.01	<0.01	10.17	0.15	<0.001	1.71	7.77
1144558	Drill Core	7.82	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.28	8.31	<0.02	0.05	<0.001	<0.01	<0.01	12.25	0.13	<0.001	1.41	7.49
1144559	Drill Core	7.71	<0.001	0.009	<0.02	<0.01	<2	0.002	<0.001	0.21	6.20	<0.02	0.04	<0.001	<0.01	<0.01	8.64	0.12	0.002	2.13	7.13
1144560	Drill Core	7.46	<0.001	0.010	<0.02	<0.01	<2	0.003	<0.001	0.22	6.14	<0.02	0.04	<0.001	<0.01	<0.01	9.89	0.12	0.003	2.42	7.21

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144531	Drill Core	3.42	1.06	<0.01	0.25	0.9	53.5	3.4	72	<0.1	20.2	22.5	740	4.39	16.7	<0.5	0.7	38	0.2	0.2	<0.1
1144532	Drill Core	3.43	0.93	<0.01	<0.05	0.7	37.9	1.4	65	<0.1	22.1	22.0	714	3.71	7.4	<0.5	0.6	72	<0.1	0.2	<0.1
1144533	Drill Core	3.05	1.16	<0.01	0.13	2.0	60.5	2.0	75	<0.1	25.2	24.0	818	4.25	17.2	1.9	0.5	39	<0.1	0.1	<0.1
1144534	Rock Pulp	2.92	0.80	<0.01	0.22	12.3	169.3	12.9	41	<0.1	7.4	5.5	226	1.85	1.9	0.6	3.3	45	<0.1	0.2	0.2
1144535	Drill Core	3.35	1.06	<0.01	0.13	1.6	24.2	2.3	73	<0.1	11.5	15.9	900	4.06	8.4	4.3	0.6	39	<0.1	0.2	<0.1
1144536	Rock	2.91	1.38	<0.01	<0.05	0.3	10.2	2.0	48	<0.1	1.0	2.1	326	1.43	<0.5	<0.5	7.0	24	<0.1	<0.1	<0.1
1144537	Drill Core	3.08	0.96	<0.01	0.08	1.5	22.8	4.1	65	<0.1	16.9	17.9	897	4.25	2.9	<0.5	0.4	46	<0.1	0.2	0.2
1144538	Drill Core	2.97	1.07	<0.01	0.06	1.3	24.7	3.5	74	<0.1	14.4	16.9	808	4.08	4.0	1.8	0.5	51	<0.1	0.2	<0.1
1144539	Drill Core	2.93	0.83	<0.01	0.08	1.5	25.1	6.9	70	<0.1	16.3	16.8	811	4.12	4.5	1.1	0.4	49	<0.1	0.2	0.2
1144540	Drill Core	3.11	1.12	<0.01	<0.05	1.6	27.0	2.4	60	<0.1	14.4	16.7	743	3.91	5.3	<0.5	0.4	42	<0.1	0.2	<0.1
1144541	Drill Core	2.84	1.14	<0.01	<0.05	1.5	22.3	2.7	54	<0.1	14.3	15.5	623	3.85	2.3	2.4	0.4	41	<0.1	0.2	<0.1
1144542	Drill Core	3.39	0.97	<0.01	<0.05	1.3	15.4	1.6	45	<0.1	7.7	14.8	664	3.96	2.1	<0.5	0.6	41	<0.1	0.2	<0.1
1144543	Drill Core	3.65	0.91	<0.01	0.06	1.0	8.1	1.6	48	<0.1	8.6	16.4	845	4.17	4.8	<0.5	0.6	30	<0.1	0.2	<0.1
1144544	Drill Core	4.75	0.64	<0.01	<0.05	0.5	9.9	1.4	30	<0.1	6.8	9.8	706	3.40	3.0	16.8	0.3	35	<0.1	0.2	<0.1
1144545	Drill Core	4.78	0.57	<0.01	0.25	1.2	69.0	2.1	29	<0.1	16.5	15.7	672	3.70	24.1	2.3	0.3	50	<0.1	0.5	<0.1
1144546	Drill Core	3.72	0.55	<0.01	0.63	3.2	95.0	6.7	32	<0.1	20.6	16.0	578	3.83	76.9	3.3	0.4	35	<0.1	0.5	0.2
1144547	Drill Core	3.62	0.74	<0.01	1.39	3.8	115.1	6.8	114	0.1	25.8	19.9	658	4.12	171.1	9.2	0.4	34	0.7	1.8	0.1
1144548	Rock Pulp	2.73	1.22	<0.01	0.27	148.2	1770	4.8	73	0.5	14.3	7.4	584	3.44	2.5	463.7	4.0	67	<0.1	0.3	0.3
1144549	Drill Core	1.53	0.85	<0.01	0.64	9.9	32.9	2.7	49	<0.1	32.3	24.1	770	2.73	104.8	3.5	1.0	36	0.2	1.3	0.3
1144550	Drill Core	3.19	0.70	<0.01	0.92	4.0	155.5	1.8	51	0.1	31.9	20.8	547	3.54	24.3	0.6	0.4	85	<0.1	0.3	<0.1
1144551	Drill Core	1.73	1.13	<0.01	0.64	10.0	84.9	2.6	32	0.1	32.2	17.5	650	2.71	78.8	7.2	0.5	34	<0.1	1.4	0.3
1144552	Drill Core	2.63	0.59	<0.01	0.53	26.7	105.5	1.7	44	<0.1	52.9	17.5	466	2.31	90.4	7.4	0.9	31	0.1	1.2	0.4
1144553	Drill Core	2.58	0.67	<0.01	0.59	26.8	100.1	1.8	34	<0.1	55.7	17.8	437	2.30	94.7	2.6	1.1	27	0.2	1.3	0.3
1144554	Drill Core	3.08	0.58	<0.01	0.98	15.8	163.3	2.3	41	<0.1	43.2	17.8	320	3.29	74.4	0.8	0.4	59	<0.1	0.9	0.3
1144555	Rock	2.92	1.21	<0.01	<0.05	0.2	9.5	1.8	49	<0.1	1.0	2.3	330	1.44	<0.5	1.4	6.8	22	<0.1	<0.1	<0.1
1144556	Drill Core	2.40	0.70	<0.01	1.09	27.0	166.5	2.2	30	<0.1	24.5	24.1	698	3.99	66.7	6.1	0.5	39	0.1	1.4	0.4
1144557	Drill Core	2.34	0.58	<0.01	0.77	3.3	97.7	2.1	29	<0.1	6.5	13.2	718	3.28	31.7	5.0	0.2	45	<0.1	1.6	0.3
1144558	Drill Core	2.02	0.16	<0.01	0.64	7.4	80.1	1.7	29	<0.1	6.4	16.4	1125	4.13	31.6	5.0	0.2	49	<0.1	1.4	0.3
1144559	Drill Core	2.33	0.80	<0.01	0.53	6.7	88.7	2.4	54	0.1	16.9	15.8	1475	4.34	47.4	7.1	0.4	58	0.2	1.4	0.2
1144560	Drill Core	1.70	0.75	<0.01	0.43	8.4	101.9	2.4	69	0.2	23.4	14.4	1358	3.91	52.2	5.6	0.4	71	0.2	6.5	0.2

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144531	Drill Core	112	2.08	0.112	10	30	2.21	22	0.287	<20	2.76	0.083	0.05	0.1	<0.01	6.6	<0.1	0.25	10	<0.5	<0.2
1144532	Drill Core	81	1.49	0.105	9	34	2.18	18	0.221	<20	2.74	0.082	0.05	<0.1	<0.01	6.2	<0.1	<0.05	8	<0.5	<0.2
1144533	Drill Core	126	2.61	0.100	8	35	2.24	32	0.266	<20	3.14	0.099	0.08	<0.1	<0.01	8.6	<0.1	0.14	10	<0.5	<0.2
1144534	Rock Pulp	25	0.86	0.058	10	10	0.43	35	0.019	<20	0.75	0.065	0.14	0.5	<0.01	1.7	<0.1	0.19	4	0.7	<0.2
1144535	Drill Core	93	2.18	0.164	13	24	1.89	49	0.186	<20	1.97	0.079	0.08	<0.1	<0.01	8.2	<0.1	0.11	11	<0.5	<0.2
1144536	Rock	13	0.24	0.032	12	5	0.25	65	0.063	<20	0.58	0.078	0.25	<0.1	0.02	1.6	<0.1	<0.05	4	0.5	<0.2
1144537	Drill Core	109	2.55	0.163	12	30	2.17	56	0.196	<20	2.22	0.067	0.10	<0.1	0.01	10.1	<0.1	0.06	10	<0.5	<0.2
1144538	Drill Core	96	1.90	0.166	12	19	1.94	37	0.215	<20	2.12	0.087	0.11	0.2	0.02	7.9	<0.1	<0.05	10	<0.5	<0.2
1144539	Drill Core	96	2.14	0.169	12	19	1.97	45	0.200	<20	2.12	0.083	0.11	0.1	<0.01	8.0	<0.1	0.06	10	<0.5	<0.2
1144540	Drill Core	89	2.22	0.163	12	15	1.79	36	0.199	<20	1.94	0.053	0.09	<0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1144541	Drill Core	87	1.59	0.169	12	11	1.63	137	0.195	<20	1.79	0.068	0.11	0.1	<0.01	4.4	<0.1	<0.05	9	0.6	<0.2
1144542	Drill Core	85	1.87	0.170	14	19	1.84	37	0.181	<20	1.77	0.080	0.09	<0.1	<0.01	6.5	<0.1	<0.05	10	<0.5	<0.2
1144543	Drill Core	104	2.53	0.181	18	24	2.13	38	0.126	<20	2.22	0.067	0.09	<0.1	<0.01	8.5	<0.1	0.05	12	<0.5	<0.2
1144544	Drill Core	83	3.26	0.127	10	13	1.39	80	0.062	<20	1.79	0.069	0.09	<0.1	<0.01	7.1	<0.1	<0.05	10	<0.5	<0.2
1144545	Drill Core	97	2.74	0.110	5	29	1.80	20	0.116	<20	2.03	0.133	0.05	0.1	0.02	6.1	<0.1	0.23	10	<0.5	<0.2
1144546	Drill Core	105	2.89	0.106	3	31	1.69	23	0.172	<20	2.41	0.106	0.03	0.3	0.03	5.0	<0.1	0.61	10	<0.5	<0.2
1144547	Drill Core	104	3.12	0.102	3	34	1.65	131	0.172	22	2.16	0.089	0.03	0.5	0.01	5.2	<0.1	1.36	11	0.6	<0.2
1144548	Rock Pulp	52	1.09	0.074	13	21	0.65	180	0.087	<20	1.00	0.067	0.43	0.2	0.05	3.7	0.1	0.26	6	1.9	<0.2
1144549	Drill Core	71	5.28	0.126	4	28	0.90	17	0.160	186	1.68	0.047	0.04	0.4	<0.01	5.1	<0.1	0.61	7	1.2	0.2
1144550	Drill Core	92	1.69	0.108	3	18	0.94	42	0.190	<20	2.05	0.275	0.12	15.4	0.02	5.0	<0.1	0.88	8	0.6	0.3
1144551	Drill Core	56	4.04	0.106	3	25	0.66	32	0.139	25	1.40	0.048	0.06	0.5	0.01	4.9	<0.1	0.60	6	0.7	<0.2
1144552	Drill Core	72	2.62	0.102	5	15	0.52	25	0.181	207	1.07	0.086	0.05	0.5	0.02	3.7	<0.1	0.53	5	<0.5	<0.2
1144553	Drill Core	70	2.35	0.100	5	14	0.50	23	0.185	203	0.98	0.079	0.05	0.3	0.02	3.9	<0.1	0.56	5	1.2	0.3
1144554	Drill Core	114	2.38	0.095	3	10	0.72	46	0.207	200	1.75	0.179	0.08	0.5	0.02	4.8	<0.1	0.93	9	3.8	<0.2
1144555	Rock	13	0.21	0.033	12	4	0.26	68	0.069	<20	0.57	0.069	0.28	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1144556	Drill Core	93	2.65	0.115	3	7	0.79	21	0.185	158	1.54	0.101	0.05	0.4	0.02	4.5	<0.1	1.03	6	1.9	<0.2
1144557	Drill Core	80	2.61	0.140	2	2	0.76	22	0.191	63	1.52	0.098	0.07	0.4	<0.01	4.2	<0.1	0.70	5	0.6	<0.2
1144558	Drill Core	115	4.37	0.125	2	4	0.76	13	0.170	23	1.81	0.069	0.04	0.3	0.02	5.6	<0.1	0.60	6	<0.5	<0.2
1144559	Drill Core	149	5.87	0.116	4	15	1.67	145	0.083	<20	2.23	0.054	0.08	0.2	0.02	10.0	<0.1	0.50	8	<0.5	<0.2
1144560	Drill Core	120	5.56	0.111	5	33	1.85	149	0.061	<20	2.23	0.050	0.08	0.2	0.01	11.5	<0.1	0.40	8	<0.5	0.3

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
1144531	Drill Core	0.32	0.30	<0.005
1144532	Drill Core	0.08	<0.02	<0.005
1144533	Drill Core	0.20	0.16	<0.005
1144534	Rock Pulp	MISS	MISS	<0.005
1144535	Drill Core	0.45	0.12	<0.005
1144536	Rock	0.02	<0.02	<0.005
1144537	Drill Core	0.55	0.06	<0.005
1144538	Drill Core	0.31	0.05	<0.005
1144539	Drill Core	0.38	0.08	<0.005
1144540	Drill Core	0.40	0.04	<0.005
1144541	Drill Core	0.18	<0.02	<0.005
1144542	Drill Core	0.33	<0.02	<0.005
1144543	Drill Core	0.63	0.06	<0.005
1144544	Drill Core	0.93	0.03	0.006
1144545	Drill Core	0.71	0.28	<0.005
1144546	Drill Core	0.35	0.73	<0.005
1144547	Drill Core	0.53	1.48	0.007
1144548	Rock Pulp	MISS	MISS	0.276
1144549	Drill Core	1.01	0.67	0.005
1144550	Drill Core	0.13	1.12	<0.005
1144551	Drill Core	0.59	0.72	<0.005
1144552	Drill Core	0.41	0.55	<0.005
1144553	Drill Core	0.37	0.64	0.007
1144554	Drill Core	0.38	1.04	0.010
1144555	Rock	<0.02	<0.02	<0.005
1144556	Drill Core	0.13	1.16	0.014
1144557	Drill Core	0.20	0.84	0.012
1144558	Drill Core	0.49	0.70	0.006
1144559	Drill Core	1.73	0.56	0.007
1144560	Drill Core	1.66	0.48	0.005

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144561	Drill Core	9.07	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.35	<0.02	0.07	<0.001	<0.01	<0.01	3.21	0.12	<0.001	1.70	8.72
1144562	Drill Core	2.45	<0.001	0.014	<0.02	<0.01	<2	<0.001	0.001	0.18	5.93	<0.02	0.04	<0.001	<0.01	<0.01	8.71	0.13	<0.001	2.24	7.60
1144563	Drill Core	6.37	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.36	<0.02	0.04	<0.001	<0.01	<0.01	9.22	0.12	<0.001	2.51	8.10
1144564	Drill Core	2.67	<0.001	0.010	<0.02	<0.01	<2	0.001	0.001	0.13	5.60	<0.02	0.05	<0.001	<0.01	<0.01	5.17	0.11	0.003	2.20	8.46
1144565	Rock	5.12	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.74	<0.02	0.05	<0.001	<0.01	<0.01	1.66	0.04	<0.001	0.31	6.76
1144566	Drill Core	3.12	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.63	<0.02	0.05	<0.001	<0.01	<0.01	3.42	0.12	0.001	1.70	8.71
1144567	Drill Core	2.33	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.42	<0.02	0.06	<0.001	<0.01	<0.01	3.53	0.12	0.001	1.81	8.83
1144568	Drill Core	1.69	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.70	<0.02	0.05	<0.001	<0.01	<0.01	3.22	0.12	<0.001	1.72	9.05
1144569	Drill Core	2.21	<0.001	0.013	<0.02	<0.01	<2	<0.001	0.001	0.10	4.93	<0.02	0.04	<0.001	<0.01	<0.01	3.82	0.13	0.001	1.92	8.84
1144570	Rock Pulp	0.19	0.017	0.187	<0.02	<0.01	<2	0.001	<0.001	0.07	4.24	<0.02	0.07	<0.001	<0.01	<0.01	2.30	0.08	0.002	0.69	7.20
1144571	Drill Core	2.64	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.49	<0.02	0.05	<0.001	<0.01	<0.01	3.88	0.12	0.001	1.79	8.94
1144572	Drill Core	6.81	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.09	4.44	<0.02	0.05	<0.001	<0.01	<0.01	3.44	0.12	0.001	1.53	7.40
1144573	Drill Core	7.22	<0.001	0.008	<0.02	<0.01	<2	<0.001	0.001	0.08	4.19	<0.02	0.05	<0.001	<0.01	<0.01	3.53	0.12	0.001	1.57	7.94
1144574	Drill Core	6.37	<0.001	0.008	<0.02	<0.01	<2	<0.001	0.001	0.09	4.26	<0.02	0.05	<0.001	<0.01	<0.01	3.58	0.12	0.001	1.70	8.08
1144575	Drill Core	2.57	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.001	0.09	4.64	<0.02	0.04	<0.001	<0.01	<0.01	3.56	0.12	0.001	1.73	8.07
1144576	Drill Core	3.05	<0.001	0.011	<0.02	<0.01	<2	0.001	0.001	0.09	4.60	<0.02	0.04	<0.001	<0.01	<0.01	3.31	0.11	0.002	1.70	7.88
1144577	Drill Core	8.02	<0.001	0.004	<0.02	<0.01	<2	0.007	0.003	0.13	6.03	<0.02	0.04	<0.001	<0.01	<0.01	5.79	0.12	0.013	4.10	8.59
1144578	Drill Core	5.93	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.09	4.49	<0.02	0.03	<0.001	<0.01	<0.01	2.57	0.11	0.001	1.59	7.23
1144579	Drill Core	7.69	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.75	<0.02	0.06	<0.001	<0.01	<0.01	3.30	0.12	0.001	1.71	8.62
1144580	Drill Core	6.19	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.11	4.58	<0.02	0.04	<0.001	<0.01	<0.01	3.00	0.11	0.001	1.69	6.28
1144581	Rock Pulp	0.16	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.47	<0.02	0.06	<0.001	<0.01	<0.01	2.10	0.07	0.001	0.64	6.56
1144582	Drill Core	7.67	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.09	4.13	<0.02	0.05	<0.001	<0.01	<0.01	3.06	0.11	0.001	1.59	7.78
1144583	Drill Core	5.14	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.11	4.26	<0.02	0.05	<0.001	<0.01	<0.01	3.34	0.12	0.001	1.63	7.57
1144584	Drill Core	6.59	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.10	4.31	<0.02	0.05	<0.001	<0.01	<0.01	2.68	0.12	0.001	1.48	6.28
1144585	Drill Core	3.37	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.002	0.33	6.71	<0.02	0.03	<0.001	<0.01	<0.01	8.25	0.15	0.001	2.24	7.88
1144586	Drill Core	3.51	<0.001	0.014	<0.02	<0.01	<2	<0.001	0.002	0.30	6.78	<0.02	0.03	<0.001	<0.01	<0.01	8.31	0.15	<0.001	2.32	7.89
1144587	Drill Core	7.44	<0.001	0.020	<0.02	<0.01	2	<0.001	0.002	0.23	8.12	<0.02	0.03	<0.001	<0.01	<0.01	9.17	0.16	<0.001	2.57	7.74
1144588	Rock	6.13	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.75	<0.02	0.06	<0.001	<0.01	<0.01	1.70	0.03	<0.001	0.27	7.00
1144589	Drill Core	8.03	<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.22	7.65	<0.02	0.04	<0.001	<0.01	<0.01	8.98	0.17	0.001	2.00	7.52
1144590	Drill Core	8.41	<0.001	0.030	<0.02	<0.01	<2	<0.001	0.003	0.25	8.51	<0.02	0.03	<0.001	<0.01	<0.01	10.08	0.15	0.001	1.91	7.33

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144561	Drill Core	4.36	0.86	<0.01	0.38	0.7	75.2	1.4	49	<0.1	6.2	13.5	972	4.05	41.1	3.1	0.2	35	<0.1	0.4	<0.1
1144562	Drill Core	2.46	0.55	<0.01	0.91	3.1	149.2	2.3	38	0.1	6.5	23.5	877	3.42	69.9	7.7	0.3	47	0.1	1.7	0.3
1144563	Drill Core	2.03	0.44	<0.01	1.18	2.9	122.3	2.7	52	0.1	7.5	18.2	1146	4.43	75.1	7.4	0.2	56	0.1	1.3	0.4
1144564	Drill Core	3.61	0.71	<0.01	1.04	2.4	99.8	3.5	66	0.3	12.0	16.6	997	4.57	72.2	3.4	0.2	55	0.1	1.1	0.2
1144565	Rock	2.85	1.17	<0.01	<0.05	0.6	12.7	2.0	53	<0.1	2.2	2.5	346	1.53	<0.5	2.3	7.0	23	<0.1	<0.1	<0.1
1144566	Drill Core	4.44	0.89	<0.01	0.90	2.0	92.1	2.1	43	0.5	8.3	14.8	886	4.27	58.0	4.0	0.3	30	<0.1	0.8	0.1
1144567	Drill Core	4.38	0.97	<0.01	0.72	1.6	123.3	1.4	40	0.1	7.6	13.2	878	3.84	32.7	3.2	0.3	33	<0.1	0.7	<0.1
1144568	Drill Core	3.82	0.81	<0.01	0.57	3.3	151.5	1.3	52	0.2	6.3	13.7	832	4.27	32.3	0.9	0.2	43	<0.1	0.3	<0.1
1144569	Drill Core	3.88	1.28	<0.01	0.58	2.3	138.0	1.3	45	0.1	6.4	12.5	914	4.37	34.2	5.4	0.3	55	<0.1	0.4	<0.1
1144570	Rock Pulp	2.86	1.60	<0.01	0.25	159.5	1790	5.1	77	0.6	15.2	8.2	600	3.49	1.7	245.5	4.1	70	0.5	0.3	0.2
1144571	Drill Core	4.48	1.20	<0.01	0.39	3.3	50.9	1.1	44	<0.1	7.1	11.5	831	3.91	22.9	7.5	0.3	35	<0.1	0.3	0.1
1144572	Drill Core	4.55	1.30	<0.01	0.59	3.1	92.1	1.3	43	0.1	8.0	14.0	708	3.83	46.8	7.1	0.3	44	<0.1	0.7	0.1
1144573	Drill Core	4.61	1.10	<0.01	0.70	2.0	91.8	1.5	40	<0.1	6.7	13.9	747	3.73	62.3	<0.5	0.3	43	<0.1	0.4	0.1
1144574	Drill Core	4.32	1.26	<0.01	0.65	2.2	83.6	1.6	45	<0.1	7.2	13.6	739	3.71	24.9	<0.5	0.3	43	<0.1	0.3	0.1
1144575	Drill Core	4.21	1.19	<0.01	0.48	2.7	107.0	1.2	48	<0.1	7.3	13.9	769	3.84	22.2	1.0	0.3	32	<0.1	0.4	<0.1
1144576	Drill Core	4.28	1.26	<0.01	0.55	1.9	112.3	1.3	55	<0.1	8.4	14.7	764	3.86	24.0	2.2	0.3	33	0.2	0.4	0.1
1144577	Drill Core	2.55	1.15	<0.01	0.18	0.5	44.5	1.4	49	<0.1	61.2	26.2	912	4.42	10.3	<0.5	0.4	70	0.1	0.4	<0.1
1144578	Drill Core	4.92	0.81	<0.01	0.24	1.1	73.8	0.7	28	<0.1	6.3	13.0	827	4.04	17.5	1.6	0.3	28	<0.1	0.2	<0.1
1144579	Drill Core	4.87	1.18	<0.01	0.23	2.0	63.7	1.2	51	<0.1	5.5	10.0	677	2.74	18.2	<0.5	0.3	30	<0.1	0.3	<0.1
1144580	Drill Core	4.83	0.81	<0.01	0.25	0.9	53.5	1.0	33	<0.1	6.5	13.6	985	4.15	21.7	<0.5	0.3	29	0.1	0.2	<0.1
1144581	Rock Pulp	3.22	1.68	<0.01	0.23	38.2	732.0	22.0	46	0.4	7.9	9.0	240	2.23	2.4	1.3	2.9	52	0.3	<0.1	0.3
1144582	Drill Core	4.53	1.44	<0.01	0.19	1.1	60.7	0.8	48	<0.1	7.1	14.0	818	3.54	32.8	<0.5	0.3	27	<0.1	0.2	<0.1
1144583	Drill Core	4.58	1.27	<0.01	0.17	1.3	54.3	1.0	53	<0.1	7.1	13.4	963	3.73	28.8	1.4	0.3	36	0.1	0.3	<0.1
1144584	Drill Core	4.83	0.98	<0.01	0.18	1.3	61.4	0.8	67	<0.1	6.8	13.7	875	3.88	61.3	<0.5	0.3	31	<0.1	0.3	<0.1
1144585	Drill Core	2.77	0.62	<0.01	1.25	1.8	152.9	2.1	37	<0.1	7.2	19.3	980	3.93	76.6	<0.5	0.3	36	0.1	1.6	0.4
1144586	Drill Core	2.79	0.53	<0.01	1.18	2.2	142.2	2.2	36	<0.1	7.3	18.2	1094	4.22	75.3	1.7	0.3	39	<0.1	1.5	0.4
1144587	Drill Core	2.18	0.46	<0.01	1.80	3.0	190.7	2.7	37	<0.1	10.3	22.4	1162	4.97	86.2	2.5	0.3	41	0.2	1.8	0.6
1144588	Rock	3.00	2.17	<0.01	<0.05	0.3	11.2	1.9	52	<0.1	1.5	2.7	365	1.59	0.6	<0.5	6.6	24	<0.1	<0.1	<0.1
1144589	Drill Core	2.67	0.52	<0.01	1.65	2.5	213.5	2.7	34	0.1	8.6	23.3	1157	4.69	101.6	1.7	0.4	45	<0.1	1.9	0.6
1144590	Drill Core	2.06	0.39	<0.01	2.08	4.6	296.7	3.0	32	0.2	12.0	31.4	1052	4.78	177.3	1.8	0.3	46	<0.1	2.3	0.5

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144561	Drill Core	121	2.42	0.116	6	7	1.66	62	0.055	<20	2.00	0.080	0.08	<0.1	0.02	8.2	<0.1	0.36	13	0.5	<0.2
1144562	Drill Core	93	3.60	0.136	2	3	1.69	17	0.209	26	1.98	0.078	0.03	0.7	0.02	6.9	<0.1	0.95	7	<0.5	<0.2
1144563	Drill Core	145	5.34	0.125	3	3	2.44	34	0.160	<20	2.74	0.059	0.03	0.2	0.02	10.8	<0.1	1.18	10	<0.5	0.2
1144564	Drill Core	107	3.28	0.106	5	12	1.73	199	0.121	<20	2.40	0.114	0.08	1.2	0.02	6.4	<0.1	1.01	11	0.7	<0.2
1144565	Rock	15	0.23	0.032	12	5	0.27	72	0.075	<20	0.59	0.074	0.30	<0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1144566	Drill Core	116	2.52	0.116	6	10	1.71	191	0.110	<20	1.88	0.069	0.06	1.3	0.02	7.2	<0.1	0.90	11	<0.5	<0.2
1144567	Drill Core	115	2.44	0.112	5	9	1.62	49	0.154	<20	1.83	0.081	0.06	0.6	0.03	7.4	<0.1	0.67	11	<0.5	<0.2
1144568	Drill Core	123	1.96	0.113	5	8	1.65	30	0.136	<20	2.23	0.195	0.06	0.4	0.01	8.2	<0.1	0.53	10	<0.5	0.2
1144569	Drill Core	126	2.64	0.114	5	5	1.91	43	0.136	<20	2.42	0.154	0.08	0.3	<0.01	7.8	<0.1	0.62	10	<0.5	<0.2
1144570	Rock Pulp	53	1.12	0.073	13	22	0.66	183	0.092	<20	1.06	0.068	0.44	0.1	<0.01	3.6	0.1	0.26	6	1.0	<0.2
1144571	Drill Core	121	2.83	0.117	5	7	1.81	26	0.148	<20	2.04	0.113	0.07	0.2	<0.01	8.4	<0.1	0.41	9	<0.5	<0.2
1144572	Drill Core	117	2.24	0.114	5	8	1.45	25	0.156	<20	1.86	0.145	0.08	0.4	<0.01	7.2	<0.1	0.62	9	<0.5	<0.2
1144573	Drill Core	111	2.77	0.112	6	7	1.52	34	0.076	<20	1.85	0.099	0.09	0.1	<0.01	7.8	<0.1	0.71	9	1.3	<0.2
1144574	Drill Core	114	2.56	0.117	6	7	1.61	61	0.146	<20	1.93	0.122	0.09	0.2	<0.01	7.3	<0.1	0.65	10	<0.5	<0.2
1144575	Drill Core	105	2.31	0.109	4	7	1.67	70	0.155	<20	1.92	0.097	0.06	0.2	<0.01	6.3	<0.1	0.48	9	<0.5	<0.2
1144576	Drill Core	105	2.28	0.104	4	7	1.61	92	0.163	<20	1.83	0.106	0.07	<0.1	<0.01	6.2	<0.1	0.55	9	<0.5	<0.2
1144577	Drill Core	108	2.83	0.107	8	58	3.09	32	0.247	<20	3.51	0.199	0.08	0.1	<0.01	6.1	<0.1	0.19	9	<0.5	<0.2
1144578	Drill Core	115	2.14	0.109	5	7	1.64	120	0.102	<20	1.92	0.114	0.05	<0.1	0.02	5.7	<0.1	0.25	10	<0.5	<0.2
1144579	Drill Core	92	1.87	0.117	4	7	1.36	25	0.123	<20	1.46	0.103	0.07	0.2	<0.01	4.7	<0.1	0.24	8	<0.5	<0.2
1144580	Drill Core	118	2.55	0.106	7	7	1.85	100	0.063	<20	2.05	0.098	0.06	0.1	<0.01	6.2	<0.1	0.27	11	<0.5	<0.2
1144581	Rock Pulp	38	0.66	0.063	8	13	0.60	52	0.047	<20	0.93	0.072	0.15	1.0	<0.01	2.2	<0.1	0.24	5	<0.5	<0.2
1144582	Drill Core	107	2.26	0.108	6	7	1.55	36	0.059	<20	1.76	0.060	0.06	<0.1	<0.01	7.0	<0.1	0.19	9	<0.5	<0.2
1144583	Drill Core	110	2.73	0.113	7	7	1.60	106	0.041	<20	1.91	0.063	0.08	<0.1	<0.01	6.8	<0.1	0.17	10	<0.5	<0.2
1144584	Drill Core	116	2.11	0.114	8	8	1.59	25	0.053	<20	1.94	0.109	0.09	<0.1	<0.01	7.1	<0.1	0.19	11	<0.5	<0.2
1144585	Drill Core	94	3.06	0.145	3	3	1.65	26	0.174	136	1.70	0.090	0.04	0.3	<0.01	8.2	<0.1	1.23	6	1.8	<0.2
1144586	Drill Core	104	3.60	0.140	4	5	1.86	27	0.171	123	1.89	0.079	0.04	0.2	<0.01	8.6	<0.1	1.22	7	1.1	0.3
1144587	Drill Core	104	4.04	0.145	2	3	2.11	27	0.201	43	2.14	0.064	0.02	0.2	<0.01	9.5	<0.1	1.78	7	2.0	<0.2
1144588	Rock	15	0.25	0.032	13	5	0.28	80	0.077	<20	0.64	0.086	0.32	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2
1144589	Drill Core	117	4.09	0.138	2	3	1.50	20	0.221	32	1.76	0.087	0.03	0.4	<0.01	8.1	<0.1	1.61	6	2.0	<0.2
1144590	Drill Core	115	3.59	0.143	2	3	1.26	13	0.253	40	1.72	0.060	0.03	0.4	<0.01	6.0	<0.1	2.13	6	1.5	0.2

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144561	Drill Core	0.67	0.42	<0.005
1144562	Drill Core	0.74	1.05	<0.005
1144563	Drill Core	1.32	1.32	<0.005
1144564	Drill Core	1.00	1.19	<0.005
1144565	Rock	0.02	<0.02	<0.005
1144566	Drill Core	0.97	1.02	<0.005
1144567	Drill Core	0.70	0.76	<0.005
1144568	Drill Core	0.45	0.62	<0.005
1144569	Drill Core	0.60	0.64	<0.005
1144570	Rock Pulp	0.28	0.28	0.289
1144571	Drill Core	0.78	0.42	<0.005
1144572	Drill Core	0.49	0.67	<0.005
1144573	Drill Core	0.73	0.80	<0.005
1144574	Drill Core	0.63	0.67	<0.005
1144575	Drill Core	0.55	0.52	<0.005
1144576	Drill Core	0.57	0.58	0.005
1144577	Drill Core	0.55	0.21	<0.005
1144578	Drill Core	0.53	0.26	<0.005
1144579	Drill Core	0.40	0.25	<0.005
1144580	Drill Core	0.72	0.29	<0.005
1144581	Rock Pulp	0.13	0.25	<0.005
1144582	Drill Core	0.60	0.20	<0.005
1144583	Drill Core	0.81	0.19	<0.005
1144584	Drill Core	0.54	0.18	<0.005
1144585	Drill Core	0.66	1.21	<0.005
1144586	Drill Core	0.84	1.14	<0.005
1144587	Drill Core	1.00	1.80	0.005
1144588	Rock	0.02	<0.02	<0.005
1144589	Drill Core	1.00	1.63	0.005
1144590	Drill Core	0.76	2.06	0.011

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144591	Drill Core	6.79	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.002	0.26	8.02	<0.02	0.03	<0.001	<0.01	<0.01	10.20	0.17	<0.001	1.85	7.19
1144592	Drill Core	7.57	0.001	0.026	<0.02	<0.01	2	0.004	0.002	0.22	8.01	<0.02	0.03	<0.001	<0.01	<0.01	8.66	0.15	0.002	1.77	7.10
1144593	Drill Core	8.51	<0.001	0.027	<0.02	<0.01	<2	<0.001	0.002	0.19	7.44	<0.02	0.04	<0.001	<0.01	<0.01	7.61	0.17	0.002	1.48	7.24
1144594	Drill Core	7.80	<0.001	0.035	<0.02	<0.01	2	<0.001	0.003	0.21	10.10	0.07	0.04	<0.001	<0.01	<0.01	11.13	0.16	0.001	1.36	7.00
1144595	Drill Core	8.98	<0.001	0.024	<0.02	<0.01	3	<0.001	0.002	0.33	11.93	0.11	0.04	<0.001	<0.01	<0.01	14.12	0.15	0.001	1.86	6.99
1144596 Dup of 1144595	CORE DUP	<0.001	0.022	<0.02	<0.01	2	<0.001	0.002	0.34	11.71	0.11	0.04	<0.001	<0.01	<0.01	14.12	0.15	0.001	1.85	6.88	
1144597	Drill Core	7.74	<0.001	0.024	<0.02	<0.01	3	<0.001	0.002	0.16	7.98	0.15	0.02	<0.001	<0.01	<0.01	6.90	0.17	0.001	1.76	7.70
1144598	Drill Core	8.11	<0.001	0.031	<0.02	<0.01	3	<0.001	0.003	0.14	7.60	0.09	0.04	<0.001	<0.01	<0.01	5.44	0.18	0.001	1.86	7.75
1144599	Drill Core	6.90	<0.001	0.030	<0.02	<0.01	<2	<0.001	0.002	0.16	7.50	0.11	0.04	<0.001	<0.01	<0.01	5.66	0.19	0.001	1.86	7.84
1144600	Drill Core	8.22	<0.001	0.019	<0.02	<0.01	<2	<0.001	0.002	0.18	7.52	<0.02	0.04	<0.001	<0.01	<0.01	9.01	0.18	0.001	1.87	8.13
1144601	Drill Core	8.19	<0.001	0.029	<0.02	<0.01	<2	<0.001	0.003	0.18	7.99	<0.02	0.05	<0.001	<0.01	<0.01	7.32	0.18	0.002	1.68	8.36
1144602	Drill Core	8.37	<0.001	0.022	<0.02	<0.01	<2	<0.001	0.002	0.22	7.82	<0.02	0.04	<0.001	<0.01	<0.01	9.23	0.18	0.001	1.98	7.74
1144603	Drill Core	7.07	<0.001	0.025	<0.02	<0.01	<2	<0.001	0.002	0.18	7.78	<0.02	0.04	<0.001	<0.01	<0.01	6.64	0.19	0.001	1.80	8.16
1144604	Drill Core	8.34	<0.001	0.019	<0.02	<0.01	2	<0.001	0.002	0.15	7.26	<0.02	0.04	<0.001	<0.01	<0.01	7.12	0.18	0.001	1.96	7.92
1144605	Drill Core	8.30	<0.001	0.031	<0.02	<0.01	2	<0.001	0.003	0.17	8.30	<0.02	0.04	<0.001	<0.01	<0.01	6.33	0.19	0.001	1.90	8.35
1144606	Drill Core	5.08	<0.001	0.036	<0.02	<0.01	<2	0.001	0.003	0.17	8.26	<0.02	0.03	<0.001	<0.01	<0.01	5.83	0.20	<0.001	1.97	8.15
1144607	Drill Core	9.62	<0.001	0.022	<0.02	<0.01	<2	<0.001	0.002	0.24	7.45	<0.02	0.04	<0.001	<0.01	<0.01	8.73	0.19	0.001	1.62	7.97
1144608	Drill Core	8.38	<0.001	0.034	<0.02	<0.01	3	<0.001	0.003	0.17	8.00	<0.02	0.05	<0.001	<0.01	<0.01	9.12	0.19	<0.001	1.59	8.23
1144609	Drill Core	3.76	<0.001	0.045	<0.02	<0.01	<2	0.001	0.004	0.15	8.17	<0.02	0.05	<0.001	<0.01	<0.01	5.52	0.20	0.001	1.63	8.23
1144610	Drill Core	4.21	<0.001	0.030	<0.02	<0.01	<2	<0.001	0.003	0.18	7.53	<0.02	0.05	<0.001	<0.01	<0.01	6.88	0.19	0.001	1.69	7.97
1144611	Drill Core	7.35	<0.001	0.029	<0.02	<0.01	<2	<0.001	0.002	0.16	7.42	<0.02	0.05	<0.001	<0.01	<0.01	6.34	0.19	0.001	1.81	7.92
1144612	Rock	6.09	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.69	<0.02	0.06	<0.001	<0.01	<0.01	1.64	0.04	<0.001	0.26	6.52
1144613	Drill Core	9.06	<0.001	0.023	<0.02	<0.01	<2	0.001	0.002	0.22	8.02	<0.02	0.05	<0.001	<0.01	<0.01	9.91	0.17	0.001	1.79	8.32
1144614	Drill Core	8.59	<0.001	0.030	<0.02	<0.01	<2	0.001	0.003	0.20	7.43	<0.02	0.04	<0.001	<0.01	<0.01	7.61	0.19	0.001	1.93	7.69
1144615	Drill Core	7.44	<0.001	0.025	<0.02	<0.01	<2	0.002	0.002	0.21	8.36	<0.02	0.04	<0.001	<0.01	<0.01	9.13	0.17	0.002	1.79	7.71
1144616 Dup of 1144615	CORE DUP	<0.001	0.027	<0.02	<0.01	3	0.002	0.002	0.21	8.47	<0.02	0.04	<0.001	<0.01	<0.01	9.15	0.18	0.001	1.81	7.84	
1144617	Drill Core	9.45	0.001	0.013	<0.02	<0.01	2	0.002	0.004	0.23	8.19	<0.02	0.04	<0.001	<0.01	<0.01	10.99	0.14	0.001	1.94	7.89
1144618	Drill Core	9.96	0.002	0.041	<0.02	<0.01	2	<0.001	0.002	0.21	8.61	<0.02	0.04	<0.001	<0.01	<0.01	10.82	0.14	0.001	2.03	7.78
1144619	Drill Core	7.05	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.18	7.09	<0.02	0.07	<0.001	<0.01	<0.01	6.84	0.14	<0.001	2.43	8.65
1144620	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.19	<0.02	0.05	<0.001	<0.01	<0.01	1.78	0.06	0.001	0.49	6.68

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144591	Drill Core	2.26	0.55	<0.01	1.37	3.2	158.0	1.9	30	<0.1	10.6	19.5	1311	4.67	112.4	4.8	0.4	47	<0.1	2.0	0.5
1144592	Drill Core	2.89	0.81	<0.01	1.85	11.0	245.6	2.0	45	0.1	31.8	23.5	1235	5.36	134.6	1.2	0.4	44	0.1	2.7	0.7
1144593	Drill Core	2.96	1.06	<0.01	2.06	5.1	270.3	3.8	55	0.2	11.1	25.2	1414	5.99	270.8	4.8	0.5	51	<0.1	3.5	0.7
1144594	Drill Core	1.20	0.57	<0.01	3.13	6.4	338.6	3.0	41	0.2	8.9	28.3	1445	6.87	914.3	21.1	0.3	73	<0.1	10.0	0.7
1144595	Drill Core	0.21	0.10	<0.01	2.56	9.1	234.8	1.8	34	0.2	10.1	23.0	1315	6.82	1483	15.9	0.3	72	<0.1	15.3	0.5
1144596 Dup of 1144595	CORE DUP	0.22	0.10	<0.01	2.32	8.0	212.7	1.7	33	0.1	9.7	20.3	1282	6.41	1401	19.0	0.3	69	0.2	14.7	0.5
1144597	Drill Core	2.92	1.35	<0.01	2.03	3.8	228.0	2.7	46	0.1	8.1	23.6	1228	6.41	2031	31.3	0.4	44	<0.1	14.3	0.5
1144598	Drill Core	3.40	1.41	<0.01	2.07	2.3	292.1	2.4	43	<0.1	9.1	25.1	1076	6.07	1153	19.1	0.4	38	<0.1	6.6	0.6
1144599	Drill Core	3.54	1.33	<0.01	2.07	3.2	290.1	2.4	34	0.1	9.8	24.7	716	4.90	1480	13.9	0.4	36	<0.1	13.2	0.7
1144600	Drill Core	2.65	0.85	<0.01	1.46	2.4	198.4	2.0	21	<0.1	8.1	18.0	428	3.36	122.9	3.9	0.4	44	0.1	2.5	0.4
1144601	Drill Core	3.29	0.97	<0.01	2.10	1.8	284.8	2.5	26	<0.1	10.0	25.4	549	4.36	39.9	0.6	0.4	43	<0.1	0.9	0.7
1144602	Drill Core	2.65	0.91	<0.01	1.66	2.8	227.9	1.9	23	<0.1	7.5	19.0	502	3.59	26.9	<0.5	0.3	42	<0.1	1.5	0.4
1144603	Drill Core	3.26	1.12	<0.01	1.93	2.2	240.1	1.8	25	<0.1	8.1	23.4	506	4.15	26.9	4.6	0.4	36	<0.1	0.8	0.5
1144604	Drill Core	2.96	1.45	<0.01	1.58	1.2	186.9	1.5	25	<0.1	6.8	17.9	558	3.98	30.0	1.7	0.4	32	<0.1	0.7	0.3
1144605	Drill Core	3.15	1.32	<0.01	2.63	2.4	313.6	2.3	27	0.1	8.8	25.6	540	4.98	40.8	3.9	0.5	35	<0.1	1.2	0.6
1144606	Drill Core	3.51	1.11	<0.01	2.53	2.2	348.4	2.4	29	0.2	8.3	28.9	629	5.03	154.4	5.4	0.4	36	<0.1	2.0	0.7
1144607	Drill Core	2.64	1.04	<0.01	1.29	3.6	222.3	1.7	22	0.1	6.5	16.5	526	3.30	19.3	2.9	0.4	50	<0.1	1.2	0.5
1144608	Drill Core	2.68	1.23	<0.01	1.96	4.2	335.8	3.0	31	0.3	6.8	26.3	629	3.96	132.2	5.6	0.4	64	0.1	1.8	0.9
1144609	Drill Core	3.65	1.29	<0.01	2.63	4.2	444.1	3.5	36	0.4	11.7	40.3	646	5.00	65.7	5.0	0.4	37	0.1	1.1	1.5
1144610	Drill Core	3.40	1.15	<0.01	1.69	2.4	298.4	2.3	32	0.3	9.0	27.3	681	4.14	58.2	3.0	0.4	46	0.1	1.4	1.1
1144611	Drill Core	3.70	0.84	<0.01	1.48	1.3	290.2	2.0	32	0.2	8.6	22.9	658	3.94	39.8	1.2	0.4	42	<0.1	0.9	0.6
1144612	Rock	3.02	1.53	<0.01	<0.05	0.3	10.2	2.2	52	<0.1	0.9	2.5	339	1.57	<0.5	<0.5	7.5	32	<0.1	<0.1	<0.1
1144613	Drill Core	2.49	0.94	<0.01	0.83	3.6	234.1	1.6	32	0.2	9.7	15.3	594	3.09	73.9	1.4	0.4	63	<0.1	1.4	0.4
1144614	Drill Core	3.18	1.15	<0.01	0.60	1.5	297.9	1.9	40	0.4	10.2	30.0	643	3.31	88.3	6.6	0.5	48	0.2	1.5	0.3
1144615	Drill Core	2.49	0.94	<0.01	0.41	6.3	269.6	1.5	39	0.3	15.2	17.4	575	3.17	62.6	4.3	0.4	68	<0.1	2.1	0.3
1144616 Dup of 1144615	CORE DUP	2.48	0.97	<0.01	0.45	6.0	292.5	1.6	41	0.3	14.3	17.1	597	3.28	58.4	4.9	0.4	67	0.2	1.9	0.3
1144617	Drill Core	2.01	0.60	<0.01	0.11	19.0	136.5	1.1	39	0.2	7.5	31.2	603	2.72	57.3	4.7	0.3	76	0.1	1.4	0.2
1144618	Drill Core	2.13	0.58	<0.01	0.42	19.0	407.7	1.6	55	0.5	7.4	14.1	803	3.51	71.9	8.8	0.3	73	0.3	1.4	0.2
1144619	Drill Core	2.38	1.04	<0.01	<0.05	0.7	50.7	0.5	37	<0.1	2.9	12.2	1015	3.60	15.7	2.7	0.3	68	<0.1	0.4	<0.1
1144620	Rock Pulp	3.00	1.33	<0.01	0.19	11.4	174.6	13.5	45	0.1	7.3	5.8	223	1.88	2.2	0.8	3.6	48	<0.1	0.1	0.2

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1144591	Drill Core	112	4.37	0.150	3	3	1.23	24	0.292	49	1.67	0.070	0.03	0.4	<0.01	8.1	<0.1	1.42	6	3.0	<0.2
1144592	Drill Core	191	4.91	0.123	4	9	1.27	21	0.235	28	1.80	0.084	0.03	0.5	<0.01	9.1	<0.1	1.80	8	3.0	<0.2
1144593	Drill Core	183	5.55	0.160	5	7	1.29	23	0.159	<20	1.99	0.061	0.08	0.4	<0.01	12.2	<0.1	2.18	9	2.1	<0.2
1144594	Drill Core	165	5.95	0.139	3	4	1.28	21	0.213	<20	1.91	0.025	0.03	0.5	<0.01	9.8	<0.1	3.06	7	3.1	<0.2
1144595	Drill Core	289	5.70	0.133	2	4	1.39	7	0.172	69	1.96	0.006	0.01	0.3	<0.01	5.5	<0.1	2.59	8	2.9	<0.2
1144596 Dup of 1144595	CORE DUP	283	5.59	0.135	2	4	1.33	6	0.168	66	1.93	0.005	0.01	0.3	<0.01	5.4	<0.1	2.29	8	2.5	<0.2
1144597	Drill Core	214	4.92	0.153	5	6	1.66	25	0.129	<20	2.39	0.059	0.08	0.3	<0.01	11.9	<0.1	1.99	11	2.5	<0.2
1144598	Drill Core	183	3.78	0.159	4	6	1.53	33	0.138	<20	2.12	0.075	0.06	0.3	<0.01	8.8	<0.1	2.05	10	1.7	<0.2
1144599	Drill Core	126	2.47	0.165	3	4	1.13	37	0.214	39	1.52	0.118	0.07	0.3	0.01	5.7	<0.1	2.05	6	1.8	<0.2
1144600	Drill Core	91	1.68	0.165	2	4	0.89	23	0.257	<20	1.22	0.085	0.04	0.3	<0.01	3.0	<0.1	1.45	5	1.0	<0.2
1144601	Drill Core	93	1.87	0.159	3	4	0.75	58	0.240	36	1.38	0.139	0.08	0.3	<0.01	4.3	<0.1	2.03	5	1.6	<0.2
1144602	Drill Core	74	2.31	0.165	2	4	0.83	59	0.239	51	1.31	0.090	0.05	0.3	<0.01	3.5	<0.1	1.63	5	1.2	<0.2
1144603	Drill Core	92	1.78	0.156	3	4	0.81	70	0.231	45	1.34	0.117	0.07	0.3	<0.01	4.0	<0.1	1.85	5	2.2	<0.2
1144604	Drill Core	93	2.50	0.162	3	4	1.11	26	0.229	<20	1.51	0.097	0.07	0.3	<0.01	4.5	<0.1	1.52	6	0.6	<0.2
1144605	Drill Core	106	1.52	0.169	4	5	1.07	51	0.276	65	1.52	0.104	0.07	0.4	<0.01	3.2	<0.1	2.50	6	0.7	<0.2
1144606	Drill Core	113	1.88	0.182	4	5	1.11	53	0.262	36	1.67	0.116	0.07	0.5	<0.01	4.2	<0.1	2.40	6	1.0	<0.2
1144607	Drill Core	87	2.06	0.169	4	4	0.60	42	0.266	76	1.15	0.087	0.07	0.4	<0.01	3.1	<0.1	1.29	4	0.5	<0.2
1144608	Drill Core	102	3.09	0.174	3	4	0.78	29	0.308	<20	1.40	0.096	0.07	0.5	<0.01	4.0	<0.1	1.87	6	1.1	<0.2
1144609	Drill Core	110	1.61	0.183	4	5	0.79	31	0.272	<20	1.36	0.125	0.08	0.4	<0.01	4.3	<0.1	2.51	5	2.0	<0.2
1144610	Drill Core	109	2.12	0.173	4	4	0.78	45	0.272	<20	1.37	0.138	0.09	0.4	<0.01	4.4	<0.1	1.63	5	1.0	<0.2
1144611	Drill Core	105	2.35	0.170	3	4	0.84	22	0.259	<20	1.33	0.135	0.08	0.3	<0.01	3.8	<0.1	1.45	6	1.6	<0.2
1144612	Rock	15	0.25	0.033	15	4	0.27	93	0.077	<20	0.70	0.113	0.34	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1144613	Drill Core	78	2.76	0.146	3	4	0.80	15	0.243	48	1.35	0.094	0.06	0.4	<0.01	3.4	<0.1	0.78	6	1.0	<0.2
1144614	Drill Core	102	2.83	0.171	4	5	0.90	31	0.240	54	1.40	0.135	0.11	0.4	<0.01	3.9	<0.1	0.57	5	<0.5	<0.2
1144615	Drill Core	96	2.28	0.162	3	4	0.77	25	0.242	<20	1.39	0.128	0.12	0.4	<0.01	4.6	<0.1	0.41	5	<0.5	<0.2
1144616 Dup of 1144615	CORE DUP	98	2.32	0.168	3	4	0.80	28	0.245	<20	1.43	0.132	0.13	0.3	<0.01	4.7	<0.1	0.44	5	<0.5	<0.2
1144617	Drill Core	83	2.78	0.135	2	4	0.89	16	0.216	<20	1.45	0.088	0.06	0.3	<0.01	3.1	<0.1	0.12	5	<0.5	<0.2
1144618	Drill Core	96	3.95	0.131	2	5	1.05	18	0.218	<20	1.61	0.107	0.10	0.2	<0.01	5.0	<0.1	0.41	5	<0.5	<0.2
1144619	Drill Core	112	2.73	0.126	3	2	1.49	63	0.148	<20	2.02	0.117	0.13	0.3	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1144620	Rock Pulp	26	0.89	0.058	11	12	0.43	38	0.022	<20	0.80	0.066	0.14	0.5	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
1144591	Drill Core	0.96	1.38	0.008
1144592	Drill Core	1.30	1.89	0.005
1144593	Drill Core	1.54	2.14	0.011
1144594	Drill Core	1.64	3.19	0.025
1144595	Drill Core	1.12	2.58	0.025
1144596 Dup of 1144595	CORE DUP	1.18	2.32	0.019
1144597	Drill Core	1.39	2.04	0.036
1144598	Drill Core	1.03	2.00	0.022
1144599	Drill Core	0.46	2.12	0.020
1144600	Drill Core	0.14	1.45	0.005
1144601	Drill Core	0.19	2.09	<0.005
1144602	Drill Core	0.33	1.69	<0.005
1144603	Drill Core	0.19	1.88	<0.005
1144604	Drill Core	0.48	1.54	0.006
1144605	Drill Core	0.10	2.72	<0.005
1144606	Drill Core	0.15	2.59	<0.005
1144607	Drill Core	0.21	1.37	<0.005
1144608	Drill Core	0.47	1.97	<0.005
1144609	Drill Core	0.12	2.68	<0.005
1144610	Drill Core	0.25	1.76	<0.005
1144611	Drill Core	0.33	1.55	<0.005
1144612	Rock	<0.02	<0.02	<0.005
1144613	Drill Core	0.37	0.89	<0.005
1144614	Drill Core	0.39	0.65	0.006
1144615	Drill Core	0.13	0.44	<0.005
1144616 Dup of 1144615	CORE DUP	0.13	0.51	0.005
1144617	Drill Core	0.31	0.12	<0.005
1144618	Drill Core	0.75	0.45	0.008
1144619	Drill Core	0.44	<0.02	<0.005
1144620	Rock Pulp	0.19	0.20	<0.005

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144621	Drill Core	8.20	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.002	0.17	7.51	<0.02	0.03	<0.001	<0.01	<0.01	6.97	0.18	0.001	1.79	7.83
1144622	Drill Core	6.78	<0.001	0.018	<0.02	<0.01	<2	<0.001	0.002	0.18	7.49	<0.02	0.04	<0.001	<0.01	<0.01	7.57	0.19	0.001	1.79	7.88
1144623	Drill Core	2.59	<0.001	0.021	<0.02	<0.01	2	<0.001	0.002	0.16	7.01	<0.02	0.04	<0.001	<0.01	<0.01	6.94	0.19	0.001	1.61	7.94
1144624	Drill Core	2.75	<0.001	0.024	<0.02	<0.01	<2	<0.001	0.002	0.17	7.16	<0.02	0.05	<0.001	<0.01	<0.01	7.61	0.19	0.001	1.62	8.15
1144625	Drill Core	7.80	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.22	7.72	<0.02	0.05	<0.001	<0.01	<0.01	10.91	0.15	0.001	1.73	8.18
1144626	Rock	5.54	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.58	<0.02	0.05	<0.001	<0.01	<0.01	1.52	0.04	<0.001	0.23	6.57
1144627	Drill Core	9.47	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.26	7.84	<0.02	0.05	<0.001	<0.01	<0.01	12.17	0.14	0.001	1.65	8.29
1144628	Drill Core	8.43	<0.001	0.012	<0.02	<0.01	<2	0.001	0.001	0.23	7.84	<0.02	0.06	<0.001	<0.01	<0.01	11.42	0.14	0.001	1.73	8.35
1144629	Drill Core	7.88	<0.001	0.019	<0.02	<0.01	<2	<0.001	0.002	0.19	7.45	<0.02	0.05	<0.001	<0.01	<0.01	7.48	0.14	0.002	2.00	8.34
1144630	Drill Core	7.97	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.21	7.62	<0.02	0.04	<0.001	<0.01	<0.01	8.95	0.14	0.002	1.89	8.15
1144631	Dup of 1144630	CORE DUP	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.001	0.21	7.67	<0.02	0.04	<0.001	<0.01	<0.01	8.96	0.15	0.001	1.89	8.02
1144632	Drill Core	9.25	<0.001	0.051	<0.02	<0.01	2	0.001	0.003	0.30	10.36	<0.02	0.05	<0.001	<0.01	<0.01	12.15	0.14	0.001	2.19	7.53
1144633	Drill Core	10.04	<0.001	0.008	<0.02	<0.01	2	<0.001	0.002	0.33	11.20	<0.02	0.07	<0.001	<0.01	<0.01	14.03	0.13	0.001	2.13	7.14
1144634	Rock Pulp	0.16	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.44	<0.02	0.06	<0.001	<0.01	<0.01	2.09	0.07	0.001	0.66	6.92
1144635	Drill Core	9.50	<0.001	0.091	<0.02	<0.01	4	0.001	0.003	0.33	11.75	<0.02	0.06	<0.001	<0.01	<0.01	14.80	0.13	0.001	1.95	7.20
1144636	Drill Core	8.93	<0.001	0.018	<0.02	<0.01	2	<0.001	0.002	0.28	9.48	<0.02	0.06	<0.001	<0.01	<0.01	13.68	0.13	0.001	1.64	7.24
1144637	Drill Core	8.12	<0.001	0.022	<0.02	<0.01	2	<0.001	0.001	0.27	8.73	<0.02	0.05	<0.001	<0.01	<0.01	12.47	0.13	0.001	1.58	7.53
1144638	Drill Core	7.26	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.002	0.31	9.04	<0.02	0.04	<0.001	<0.01	<0.01	10.59	0.12	0.002	1.79	7.32
1144639	Drill Core	7.77	<0.001	0.022	<0.02	<0.01	2	0.003	0.006	0.29	12.12	0.07	0.04	<0.001	<0.01	<0.01	13.31	0.10	0.002	1.69	6.99
1144640	Drill Core	8.56	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.26	9.50	<0.02	0.04	<0.001	<0.01	<0.01	11.73	0.09	0.002	1.61	7.71
1144641	Drill Core	8.23	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.21	8.65	<0.02	0.04	<0.001	<0.01	<0.01	10.05	0.10	0.002	1.55	8.15
1144642	Drill Core	8.65	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.20	8.30	<0.02	0.05	<0.001	<0.01	<0.01	10.04	0.11	0.002	1.52	8.72
1144643	Drill Core	8.49	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.22	9.38	<0.02	0.05	<0.001	<0.01	<0.01	10.46	0.11	0.002	1.61	8.52
1144644	Drill Core	9.33	<0.001	0.013	<0.02	<0.01	<2	0.003	0.004	0.22	9.92	<0.02	0.04	<0.001	<0.01	<0.01	10.87	0.11	0.002	1.83	8.20
1144645	Drill Core	6.09	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.39	<0.02	0.07	<0.001	<0.01	<0.01	4.42	0.14	0.001	1.58	9.60
1144646	Drill Core	7.33	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.75	<0.02	0.06	<0.001	<0.01	<0.01	4.41	0.13	<0.001	1.30	9.20
1144647	Rock	5.50	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.05	<0.001	<0.01	<0.01	1.48	0.03	<0.001	0.25	6.53
1144648	Drill Core	8.19	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.31	<0.02	0.05	<0.001	<0.01	<0.01	3.07	0.13	0.001	1.41	9.02
1144649	Drill Core	3.80	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.34	<0.02	0.05	<0.001	<0.01	<0.01	3.22	0.13	<0.001	1.37	7.86
1144650	Drill Core	3.73	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.50	<0.02	0.06	<0.001	<0.01	<0.01	3.41	0.14	<0.001	1.44	9.35

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144621	Drill Core	3.47	0.92	<0.01	0.12	2.6	155.7	1.2	33	0.2	6.0	13.7	678	3.14	46.6	2.7	0.3	57	<0.1	0.8	0.2
1144622	Drill Core	3.40	0.82	<0.01	0.14	3.3	182.8	1.1	37	0.2	4.7	15.1	722	3.08	80.2	1.9	0.4	58	0.2	1.0	0.1
1144623	Drill Core	3.75	0.72	<0.01	0.29	1.4	216.6	2.0	40	0.2	7.0	21.8	731	3.32	58.4	5.8	0.5	58	0.1	0.8	0.3
1144624	Drill Core	3.60	0.77	<0.01	0.28	1.5	244.6	2.1	51	0.3	6.7	20.1	784	3.37	57.8	7.0	0.5	69	0.3	0.9	0.3
1144625	Drill Core	2.13	0.46	<0.01	0.13	2.3	59.5	1.8	28	0.2	4.6	10.0	661	2.60	36.6	10.0	0.3	124	<0.1	1.7	1.0
1144626	Rock	2.99	1.47	<0.01	<0.05	0.4	11.3	2.4	55	<0.1	1.2	2.3	357	1.54	<0.5	<0.5	8.4	30	<0.1	<0.1	<0.1
1144627	Drill Core	1.83	0.59	<0.01	<0.05	0.7	6.8	0.7	17	<0.1	3.6	7.8	484	1.69	16.0	3.5	0.3	101	<0.1	1.4	0.2
1144628	Drill Core	1.90	0.55	<0.01	0.07	0.7	125.0	1.5	25	0.1	7.1	9.4	593	2.18	27.6	10.2	0.3	120	<0.1	1.3	0.5
1144629	Drill Core	3.26	0.76	<0.01	0.07	0.7	193.6	0.9	29	0.2	7.3	14.4	741	2.91	20.4	17.9	0.3	85	<0.1	0.8	0.3
1144630	Drill Core	3.29	0.23	<0.01	<0.05	0.8	5.6	0.7	21	<0.1	4.8	7.5	665	2.47	7.5	5.6	0.3	74	<0.1	1.0	0.3
1144631 Dup of 1144630	CORE DUP	3.26	0.23	<0.01	<0.05	0.5	5.3	0.7	22	<0.1	4.9	7.4	652	2.44	7.6	4.9	0.3	69	<0.1	1.0	0.3
1144632	Drill Core	1.17	0.15	<0.01	0.29	1.3	498.0	1.9	45	0.6	6.6	22.1	770	3.13	43.5	27.6	0.2	88	0.2	1.3	0.6
1144633	Drill Core	0.31	0.14	<0.01	0.19	2.8	85.1	1.7	27	0.1	3.8	12.8	662	2.81	32.1	13.2	0.2	116	<0.1	1.6	0.6
1144634	Rock Pulp	3.26	1.24	<0.01	0.23	38.9	743.0	22.9	49	0.5	8.7	9.2	239	2.28	2.7	<0.5	3.2	56	<0.1	<0.1	0.3
1144635	Drill Core	0.02	0.02	<0.01	1.70	4.7	912.8	5.8	42	1.1	8.9	22.8	671	3.79	231.0	61.9	0.2	106	0.6	2.9	1.1
1144636	Drill Core	0.96	0.12	<0.01	0.34	1.4	187.7	1.6	28	0.2	4.5	14.2	1001	3.00	65.2	21.0	0.3	144	0.1	2.1	0.6
1144637	Drill Core	1.53	0.14	<0.01	0.19	1.7	246.4	1.6	40	0.2	7.5	13.5	1405	3.72	58.4	14.2	0.3	134	0.1	1.4	0.8
1144638	Drill Core	2.14	0.39	<0.01	0.15	1.5	56.0	1.3	29	0.1	5.4	11.2	1052	3.06	47.9	10.9	0.3	102	<0.1	1.0	0.3
1144639	Drill Core	0.88	0.18	<0.01	1.82	4.5	207.0	5.1	29	0.3	31.8	43.9	790	4.30	940.1	107.3	0.2	70	0.1	5.5	0.8
1144640	Drill Core	1.66	0.33	<0.01	<0.05	1.7	5.7	0.9	23	<0.1	4.4	6.9	640	2.60	121.8	9.3	0.2	60	<0.1	1.4	0.2
1144641	Drill Core	2.30	0.31	<0.01	0.06	1.9	3.0	1.0	22	<0.1	6.3	8.4	632	2.73	131.5	8.7	0.2	74	<0.1	1.2	0.2
1144642	Drill Core	2.75	0.34	<0.01	0.08	1.4	2.5	1.1	22	<0.1	6.0	8.2	546	2.51	39.3	7.1	0.1	62	<0.1	0.8	0.1
1144643	Drill Core	2.32	0.34	<0.01	<0.05	2.1	2.9	0.8	24	<0.1	6.3	9.4	654	2.99	57.6	3.2	0.1	85	<0.1	1.0	<0.1
1144644	Drill Core	2.09	0.25	<0.01	0.77	5.5	131.4	4.1	31	0.2	24.8	44.1	657	3.56	207.5	15.5	0.1	59	0.1	1.1	0.3
1144645	Drill Core	4.43	0.88	<0.01	<0.05	1.2	21.8	0.9	41	<0.1	2.8	11.2	815	3.89	23.3	8.3	0.2	57	<0.1	0.3	<0.1
1144646	Drill Core	4.71	0.82	<0.01	0.06	0.8	33.7	1.2	32	<0.1	1.7	8.9	589	2.84	10.8	4.8	0.2	50	<0.1	0.3	<0.1
1144647	Rock	2.85	1.44	<0.01	<0.05	0.6	10.0	2.2	52	<0.1	1.1	2.1	337	1.37	0.7	<0.5	7.3	23	<0.1	<0.1	<0.1
1144648	Drill Core	4.96	0.90	<0.01	0.06	0.2	65.0	0.8	41	<0.1	2.0	10.3	736	3.29	5.0	3.2	0.2	45	<0.1	0.2	<0.1
1144649	Drill Core	4.78	0.76	<0.01	<0.05	0.3	58.8	0.9	43	<0.1	1.9	9.7	693	3.18	4.5	<0.5	0.2	51	<0.1	0.3	<0.1
1144650	Drill Core	4.90	0.70	<0.01	<0.05	0.4	60.6	0.9	40	<0.1	1.7	9.8	683	3.12	4.6	<0.5	0.2	51	<0.1	0.3	<0.1

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144621	Drill Core	95	2.75	0.179	4	4	0.84	33	0.188	<20	1.39	0.150	0.13	0.3	<0.01	4.9	<0.1	0.13	5	<0.5	<0.2
1144622	Drill Core	98	3.13	0.176	4	4	0.85	19	0.200	<20	1.41	0.155	0.12	0.3	<0.01	5.4	<0.1	0.13	6	<0.5	<0.2
1144623	Drill Core	105	3.07	0.177	4	5	0.89	15	0.218	<20	1.41	0.149	0.10	0.3	0.01	4.8	<0.1	0.28	5	<0.5	<0.2
1144624	Drill Core	110	3.48	0.183	4	5	0.91	18	0.226	<20	1.43	0.152	0.11	0.3	<0.01	5.2	<0.1	0.29	5	0.7	<0.2
1144625	Drill Core	79	3.19	0.154	3	4	0.85	12	0.220	<20	1.46	0.082	0.05	0.3	0.01	4.2	<0.1	0.14	5	<0.5	<0.2
1144626	Rock	14	0.27	0.032	15	4	0.26	85	0.078	<20	0.68	0.110	0.33	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1144627	Drill Core	64	2.50	0.128	3	2	0.52	14	0.179	<20	1.18	0.071	0.04	0.2	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1144628	Drill Core	71	2.85	0.125	3	4	0.73	178	0.213	<20	1.36	0.064	0.04	0.3	<0.01	3.7	<0.1	0.08	4	<0.5	<0.2
1144629	Drill Core	97	2.43	0.127	3	7	0.94	36	0.209	<20	1.43	0.148	0.10	0.3	<0.01	5.4	<0.1	0.08	5	<0.5	<0.2
1144630	Drill Core	84	2.58	0.131	2	6	0.73	9	0.201	<20	1.31	0.146	0.08	0.2	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2
1144631 Dup of 1144630	CORE DUP	80	2.52	0.129	2	6	0.71	8	0.203	<20	1.24	0.140	0.07	0.2	<0.01	4.5	<0.1	<0.05	4	<0.5	<0.2
1144632	Drill Core	70	2.60	0.130	2	4	0.96	5	0.204	<20	1.46	0.075	0.06	0.3	<0.01	3.8	<0.1	0.27	4	0.6	<0.2
1144633	Drill Core	61	2.74	0.120	2	3	0.76	34	0.200	<20	1.40	0.047	0.06	0.2	<0.01	3.2	<0.1	0.19	4	<0.5	<0.2
1144634	Rock Pulp	38	0.67	0.065	8	13	0.62	55	0.046	<20	0.96	0.075	0.15	0.8	<0.01	2.2	<0.1	0.24	5	<0.5	<0.2
1144635	Drill Core	52	2.87	0.130	2	3	0.87	3	0.201	<20	1.32	0.005	<0.01	0.3	0.01	2.5	<0.1	1.71	4	1.8	<0.2
1144636	Drill Core	60	4.49	0.132	2	2	0.76	58	0.189	<20	1.24	0.040	0.03	0.3	<0.01	3.9	<0.1	0.35	3	1.0	<0.2
1144637	Drill Core	92	5.49	0.132	2	4	0.99	35	0.203	<20	1.68	0.058	0.04	0.4	<0.01	5.6	<0.1	0.21	4	<0.5	0.3
1144638	Drill Core	82	3.58	0.111	2	7	0.81	14	0.176	<20	1.24	0.093	0.08	0.4	<0.01	4.9	<0.1	0.15	3	<0.5	<0.2
1144639	Drill Core	63	3.59	0.091	1	5	0.63	10	0.148	<20	1.13	0.071	0.08	0.3	0.02	4.4	0.2	1.74	3	2.9	<0.2
1144640	Drill Core	68	2.41	0.080	1	7	0.57	6	0.146	<20	1.22	0.101	0.10	0.1	<0.01	5.0	<0.1	<0.05	3	<0.5	<0.2
1144641	Drill Core	87	2.33	0.092	1	8	0.60	8	0.180	<20	1.29	0.138	0.13	0.3	<0.01	6.5	<0.1	<0.05	3	<0.5	<0.2
1144642	Drill Core	85	2.08	0.094	<1	7	0.60	10	0.180	<20	1.16	0.118	0.11	0.2	<0.01	5.9	<0.1	0.06	3	<0.5	<0.2
1144643	Drill Core	96	2.32	0.097	1	8	0.66	10	0.163	<20	1.44	0.148	0.14	0.2	<0.01	6.8	<0.1	<0.05	4	<0.5	<0.2
1144644	Drill Core	78	2.42	0.096	1	6	0.92	6	0.152	<20	1.34	0.104	0.09	0.2	<0.01	5.0	<0.1	0.72	4	1.6	<0.2
1144645	Drill Core	73	1.59	0.117	4	4	1.48	21	0.139	<20	1.95	0.110	0.06	0.2	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1144646	Drill Core	44	1.22	0.117	4	3	0.93	15	0.137	<20	1.33	0.113	0.05	0.2	<0.01	1.4	<0.1	0.05	6	<0.5	<0.2
1144647	Rock	13	0.21	0.027	12	6	0.25	68	0.067	<20	0.56	0.077	0.28	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1144648	Drill Core	52	1.09	0.125	4	<1	1.22	20	0.130	<20	1.61	0.113	0.06	0.2	<0.01	1.7	<0.1	0.05	9	<0.5	<0.2
1144649	Drill Core	51	1.01	0.125	4	3	1.13	18	0.152	<20	1.56	0.115	0.06	0.2	<0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
1144650	Drill Core	50	0.94	0.123	4	3	1.11	16	0.155	<20	1.52	0.110	0.06	0.1	<0.01	1.7	<0.1	<0.05	8	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000331.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
1144621	Drill Core	0.35	0.14	<0.005
1144622	Drill Core	0.49	0.14	<0.005
1144623	Drill Core	0.47	0.28	0.005
1144624	Drill Core	0.55	0.31	0.006
1144625	Drill Core	0.36	0.15	0.015
1144626	Rock	<0.02	<0.02	<0.005
1144627	Drill Core	0.21	<0.02	<0.005
1144628	Drill Core	0.33	0.08	0.011
1144629	Drill Core	0.25	0.08	0.007
1144630	Drill Core	0.26	<0.02	0.014
1144631 Dup of 1144630	CORE DUP	0.26	<0.02	0.007
1144632	Drill Core	0.26	0.32	0.021
1144633	Drill Core	0.25	0.20	0.013
1144634	Rock Pulp	0.12	0.26	<0.005
1144635	Drill Core	0.35	1.90	0.082
1144636	Drill Core	0.96	0.40	0.016
1144637	Drill Core	1.14	0.22	0.016
1144638	Drill Core	0.67	0.15	0.008
1144639	Drill Core	0.69	1.87	0.105
1144640	Drill Core	0.28	<0.02	0.010
1144641	Drill Core	0.22	0.05	0.008
1144642	Drill Core	0.21	0.07	<0.005
1144643	Drill Core	0.16	<0.02	<0.005
1144644	Drill Core	0.36	0.77	0.017
1144645	Drill Core	0.26	0.04	<0.005
1144646	Drill Core	0.15	0.06	<0.005
1144647	Rock	<0.02	<0.02	<0.005
1144648	Drill Core	0.15	0.06	<0.005
1144649	Drill Core	0.10	0.03	<0.005
1144650	Drill Core	0.08	0.04	<0.005

QUALITY CONTROL REPORT

SMI13000331.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
1144508	Drill Core	7.62	<0.001	0.008	<0.02	0.01	<2	0.005	0.004	0.18	7.67	<0.02	0.03	<0.001	<0.01	<0.01	5.27	0.08	0.010	4.45	8.18
REP 1144508	QC																				
1144509	Drill Core	10.63	<0.001	0.009	<0.02	<0.01	<2	0.005	0.004	0.16	7.60	<0.02	0.03	<0.001	<0.01	<0.01	4.96	0.08	0.011	4.68	8.02
REP 1144509	QC																				
1144518	Drill Core	5.01	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.13	4.88	<0.02	0.05	<0.001	<0.01	<0.01	3.58	0.13	0.001	1.80	8.01
REP 1144518	QC																				
1144523	Drill Core	6.23	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.13	5.05	<0.02	0.06	<0.001	<0.01	<0.01	3.68	0.13	0.001	1.77	9.17
REP 1144523	QC																				
1144531	Drill Core	8.37	<0.001	0.005	<0.02	<0.01	<2	0.002	0.003	0.12	6.19	<0.02	0.04	<0.001	<0.01	<0.01	5.36	0.11	0.007	3.16	8.83
REP 1144531	QC		<0.001	0.005	<0.02	<0.01	3	0.002	0.003	0.12	6.21	<0.02	0.04	<0.001	<0.01	<0.01	5.38	0.12	0.006	3.18	8.80
1144543	Drill Core	5.08	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.40	<0.02	0.03	<0.001	<0.01	<0.01	3.04	0.17	0.002	2.10	7.99
REP 1144543	QC																				
1144558	Drill Core	7.82	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.28	8.31	<0.02	0.05	<0.001	<0.01	<0.01	12.25	0.13	<0.001	1.41	7.49
REP 1144558	QC																				
REP 1144566	QC		<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.43	<0.02	0.05	<0.001	<0.01	<0.01	3.23	0.12	<0.001	1.60	8.52
1144578	Drill Core	5.93	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.09	4.49	<0.02	0.03	<0.001	<0.01	<0.01	2.57	0.11	0.001	1.59	7.23
REP 1144578	QC																				
1144584	Drill Core	6.59	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.10	4.31	<0.02	0.05	<0.001	<0.01	<0.01	2.68	0.12	0.001	1.48	6.28
REP 1144584	QC																				
1144593	Drill Core	8.51	<0.001	0.027	<0.02	<0.01	<2	<0.001	0.002	0.19	7.44	<0.02	0.04	<0.001	<0.01	<0.01	7.61	0.17	0.002	1.48	7.24
REP 1144593	QC																				
1144602	Drill Core	8.37	<0.001	0.022	<0.02	<0.01	<2	<0.001	0.002	0.22	7.82	<0.02	0.04	<0.001	<0.01	<0.01	9.23	0.18	0.001	1.98	7.74
REP 1144602	QC		<0.001	0.022	<0.02	<0.01	<2	<0.001	0.002	0.22	7.81	<0.02	0.04	<0.001	<0.01	<0.01	9.24	0.18	0.001	1.98	7.71
1144613	Drill Core	9.06	<0.001	0.023	<0.02	<0.01	<2	0.001	0.002	0.22	8.02	<0.02	0.05	<0.001	<0.01	<0.01	9.91	0.17	0.001	1.79	8.32
REP 1144613	QC																				
1144628	Drill Core	8.43	<0.001	0.012	<0.02	<0.01	<2	0.001	0.001	0.23	7.84	<0.02	0.06	<0.001	<0.01	<0.01	11.42	0.14	0.001	1.73	8.35
REP 1144628	QC																				
1144637	Drill Core	8.12	<0.001	0.022	<0.02	<0.01	2	<0.001	0.001	0.27	8.73	<0.02	0.05	<0.001	<0.01	<0.01	12.47	0.13	0.001	1.58	7.53

QUALITY CONTROL REPORT

SMI13000331.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
1144508	Drill Core	2.65	0.69	<0.01	0.06	<0.1	77.4	1.2	96	0.1	45.7	33.6	1415	5.91	38.8	3.7	0.2	52	<0.1	0.2	<0.1	
REP 1144508	QC					0.2	79.2	1.1	98	0.1	45.0	32.6	1415	5.95	37.1	3.6	0.2	53	0.2	0.1	<0.1	
1144509	Drill Core	2.74	0.67	<0.01	0.35	0.4	95.8	2.1	70	<0.1	43.4	33.8	872	4.75	57.1	1.4	0.2	37	0.1	0.3	<0.1	
REP 1144509	QC																					
1144518	Drill Core	4.28	0.80	<0.01	0.40	0.7	78.6	3.6	56	<0.1	7.4	15.2	1156	4.35	32.0	<0.5	0.4	42	0.1	0.4	<0.1	
REP 1144518	QC																					
1144523	Drill Core	4.27	1.04	<0.01	0.42	1.6	78.6	1.6	64	<0.1	5.9	12.4	652	3.47	77.1	0.8	0.2	43	0.1	0.4	<0.1	
REP 1144523	QC																					
1144531	Drill Core	3.42	1.06	<0.01	0.25	0.9	53.5	3.4	72	<0.1	20.2	22.5	740	4.39	16.7	<0.5	0.7	38	0.2	0.2	<0.1	
REP 1144531	QC	3.44	1.09	<0.01	0.26																	
1144543	Drill Core	3.65	0.91	<0.01	0.06	1.0	8.1	1.6	48	<0.1	8.6	16.4	845	4.17	4.8	<0.5	0.6	30	<0.1	0.2	<0.1	
REP 1144543	QC					0.9	8.7	1.5	51	<0.1	9.1	15.6	820	4.14	4.5	0.5	0.7	29	<0.1	0.2	<0.1	
1144558	Drill Core	2.02	0.16	<0.01	0.64	7.4	80.1	1.7	29	<0.1	6.4	16.4	1125	4.13	31.6	5.0	0.2	49	<0.1	1.4	0.3	
REP 1144558	QC																					
REP 1144566	QC	4.53	0.97	<0.01	0.88																	
1144578	Drill Core	4.92	0.81	<0.01	0.24	1.1	73.8	0.7	28	<0.1	6.3	13.0	827	4.04	17.5	1.6	0.3	28	<0.1	0.2	<0.1	
REP 1144578	QC					1.1	78.2	0.7	32	<0.1	6.6	13.6	859	4.25	16.8	<0.5	0.4	29	<0.1	0.2	<0.1	
1144584	Drill Core	4.83	0.98	<0.01	0.18	1.3	61.4	0.8	67	<0.1	6.8	13.7	875	3.88	61.3	<0.5	0.3	31	<0.1	0.3	<0.1	
REP 1144584	QC																					
1144593	Drill Core	2.96	1.06	<0.01	2.06	5.1	270.3	3.8	55	0.2	11.1	25.2	1414	5.99	270.8	4.8	0.5	51	<0.1	3.5	0.7	
REP 1144593	QC																					
1144602	Drill Core	2.65	0.91	<0.01	1.66	2.8	227.9	1.9	23	<0.1	7.5	19.0	502	3.59	26.9	<0.5	0.3	42	<0.1	1.5	0.4	
REP 1144602	QC	2.65	0.91	<0.01	1.66																	
1144613	Drill Core	2.49	0.94	<0.01	0.83	3.6	234.1	1.6	32	0.2	9.7	15.3	594	3.09	73.9	1.4	0.4	63	<0.1	1.4	0.4	
REP 1144613	QC					3.7	234.0	1.6	31	0.2	10.1	16.1	603	3.09	77.5	2.5	0.4	64	<0.1	1.4	0.4	
1144628	Drill Core	1.90	0.55	<0.01	0.07	0.7	125.0	1.5	25	0.1	7.1	9.4	593	2.18	27.6	10.2	0.3	120	<0.1	1.3	0.5	
REP 1144628	QC																					
1144637	Drill Core	1.53	0.14	<0.01	0.19	1.7	246.4	1.6	40	0.2	7.5	13.5	1405	3.72	58.4	14.2	0.3	134	0.1	1.4	0.8	

QUALITY CONTROL REPORT

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
1144508 Drill Core	227	3.58	0.073	2	82	3.82	32	0.250	<20	3.95	0.096	0.08	0.2	<0.01	16.2	<0.1	0.07	12	<0.5	<0.2	
REP 1144508 QC	230	3.64	0.074	2	81	3.75	33	0.263	<20	3.96	0.097	0.08	0.2	<0.01	16.0	<0.1	0.07	12	<0.5	<0.2	
1144509 Drill Core	156	1.91	0.077	1	62	3.11	26	0.316	<20	3.21	0.130	0.07	0.3	<0.01	8.8	<0.1	0.37	10	<0.5	<0.2	
REP 1144509 QC																					
1144518 Drill Core	125	2.68	0.117	7	8	1.78	25	0.107	<20	2.35	0.114	0.09	<0.1	<0.01	7.6	<0.1	0.41	11	<0.5	<0.2	
REP 1144518 QC																					
1144523 Drill Core	89	1.57	0.128	5	7	1.20	26	0.187	20	1.89	0.142	0.10	0.2	<0.01	3.9	<0.1	0.43	9	<0.5	<0.2	
REP 1144523 QC																					
1144531 Drill Core	112	2.08	0.112	10	30	2.21	22	0.287	<20	2.76	0.083	0.05	0.1	<0.01	6.6	<0.1	0.25	10	<0.5	<0.2	
REP 1144531 QC																					
1144543 Drill Core	104	2.53	0.181	18	24	2.13	38	0.126	<20	2.22	0.067	0.09	<0.1	<0.01	8.5	<0.1	0.05	12	<0.5	<0.2	
REP 1144543 QC	102	2.51	0.180	18	23	2.08	41	0.122	<20	2.23	0.073	0.09	0.1	<0.01	8.4	<0.1	0.05	12	<0.5	<0.2	
1144558 Drill Core	115	4.37	0.125	2	4	0.76	13	0.170	23	1.81	0.069	0.04	0.3	0.02	5.6	<0.1	0.60	6	<0.5	<0.2	
REP 1144558 QC																					
REP 1144566 QC																					
1144578 Drill Core	115	2.14	0.109	5	7	1.64	120	0.102	<20	1.92	0.114	0.05	<0.1	0.02	5.7	<0.1	0.25	10	<0.5	<0.2	
REP 1144578 QC	122	2.24	0.111	6	8	1.76	124	0.111	<20	2.05	0.116	0.05	0.1	<0.01	6.3	<0.1	0.26	11	<0.5	<0.2	
1144584 Drill Core	116	2.11	0.114	8	8	1.59	25	0.053	<20	1.94	0.109	0.09	<0.1	<0.01	7.1	<0.1	0.19	11	<0.5	<0.2	
REP 1144584 QC																					
1144593 Drill Core	183	5.55	0.160	5	7	1.29	23	0.159	<20	1.99	0.061	0.08	0.4	<0.01	12.2	<0.1	2.18	9	2.1	<0.2	
REP 1144593 QC																					
1144602 Drill Core	74	2.31	0.165	2	4	0.83	59	0.239	51	1.31	0.090	0.05	0.3	<0.01	3.5	<0.1	1.63	5	1.2	<0.2	
REP 1144602 QC																					
1144613 Drill Core	78	2.76	0.146	3	4	0.80	15	0.243	48	1.35	0.094	0.06	0.4	<0.01	3.4	<0.1	0.78	6	1.0	<0.2	
REP 1144613 QC	80	2.84	0.154	3	4	0.80	16	0.258	65	1.35	0.096	0.06	0.4	<0.01	3.4	<0.1	0.78	6	1.1	<0.2	
1144628 Drill Core	71	2.85	0.125	3	4	0.73	178	0.213	<20	1.36	0.064	0.04	0.3	<0.01	3.7	<0.1	0.08	4	<0.5	<0.2	
REP 1144628 QC																					
1144637 Drill Core	92	5.49	0.132	2	4	0.99	35	0.203	<20	1.68	0.058	0.04	0.4	<0.01	5.6	<0.1	0.21	4	<0.5	0.3	

QUALITY CONTROL REPORT

SMI13000331.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
1144508	Drill Core	1.00	0.09 0.008
REP 1144508	QC		
1144509	Drill Core	0.32	0.41 <0.005
REP 1144509	QC		<0.005
1144518	Drill Core	0.72	0.42 <0.005
REP 1144518	QC		<0.005
1144523	Drill Core	0.16	0.47 <0.005
REP 1144523	QC	0.16	0.46
1144531	Drill Core	0.32	0.30 <0.005
REP 1144531	QC		
1144543	Drill Core	0.63	0.06 <0.005
REP 1144543	QC		
1144558	Drill Core	0.49	0.70 0.006
REP 1144558	QC	0.50	0.67
REP 1144566	QC		
1144578	Drill Core	0.53	0.26 <0.005
REP 1144578	QC		
1144584	Drill Core	0.54	0.18 <0.005
REP 1144584	QC		0.007
1144593	Drill Core	1.54	2.14 0.011
REP 1144593	QC	1.52	2.16 0.010
1144602	Drill Core	0.33	1.69 <0.005
REP 1144602	QC		
1144613	Drill Core	0.37	0.89 <0.005
REP 1144613	QC		
1144628	Drill Core	0.33	0.08 0.011
REP 1144628	QC	0.34	0.08
1144637	Drill Core	1.14	0.22 0.016

QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
REP 1144637	QC	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.001	0.26	8.76	<0.02	0.05	<0.001	<0.01	<0.01	12.54	0.13	0.001	1.57	7.54	
1144650	Drill Core	3.73	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.50	<0.02	0.06	<0.001	<0.01	<0.01	3.41	0.14	<0.001	1.44	9.35
REP 1144650	QC	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.44	<0.02	0.06	<0.001	<0.01	<0.01	3.38	0.13	<0.001	1.41	9.14	
Core Reject Duplicates																					
1144528	Drill Core	5.12	<0.001	0.008	<0.02	0.01	<2	0.008	0.004	0.14	7.51	<0.02	0.03	<0.001	<0.01	<0.01	6.28	0.07	0.016	5.13	8.12
DUP 1144528	QC	<0.001	0.008	<0.02	0.01	<2	0.008	0.004	0.14	7.49	<0.02	0.03	<0.001	<0.01	<0.01	6.32	0.07	0.016	5.13	8.03	
1144566	Drill Core	3.12	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.63	<0.02	0.05	<0.001	<0.01	<0.01	3.42	0.12	0.001	1.70	8.71
DUP 1144566	QC	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.46	<0.02	0.05	<0.001	<0.01	<0.01	3.26	0.12	<0.001	1.62	8.77	
1144604	Drill Core	8.34	<0.001	0.019	<0.02	<0.01	2	<0.001	0.002	0.15	7.26	<0.02	0.04	<0.001	<0.01	<0.01	7.12	0.18	0.001	1.96	7.92
DUP 1144604	QC	<0.001	0.020	<0.02	<0.01	2	<0.001	0.002	0.15	7.36	<0.02	0.04	<0.001	<0.01	<0.01	7.17	0.19	0.001	2.01	7.98	
1144642	Drill Core	8.65	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.20	8.30	<0.02	0.05	<0.001	<0.01	<0.01	10.04	0.11	0.002	1.52	8.72
DUP 1144642	QC	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.20	8.08	<0.02	0.05	<0.001	<0.01	<0.01	9.91	0.11	0.002	1.50	8.62	
Reference Materials																					
STD CDN-ME-14	Standard	0.001	1.259	0.52	3.22	48	0.002	0.019	0.09	17.71	<0.02	<0.01	0.007	<0.01	<0.01	0.72	0.02	0.002	1.26	4.01	
STD CDN-ME-9	Standard	<0.001	0.666	<0.02	0.01	6	0.945	0.018	0.13	13.79	<0.02	0.03	<0.001	<0.01	<0.01	4.23	0.07	0.028	4.02	6.74	
STD CDN-ME-14	Standard	0.001	1.272	0.52	3.24	47	0.002	0.018	0.09	17.83	<0.02	<0.01	0.007	<0.01	<0.01	0.76	0.01	0.002	1.27	4.47	
STD CDN-ME-9	Standard	<0.001	0.668	<0.02	0.01	6	0.953	0.018	0.12	13.73	<0.02	0.03	<0.001	<0.01	<0.01	4.19	0.06	0.027	3.99	6.69	
STD CDN-ME-14	Standard	0.001	1.274	0.51	3.23	48	0.002	0.018	0.09	17.89	<0.02	<0.01	0.007	<0.01	<0.01	0.72	0.02	0.002	1.27	3.99	
STD CDN-ME-9	Standard	<0.001	0.667	<0.02	0.01	6	0.945	0.018	0.12	13.69	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.06	0.027	3.99	6.70	
STD CDN-ME-14	Standard	0.001	1.274	0.50	3.26	45	0.002	0.019	0.09	18.45	<0.02	<0.01	0.010	<0.01	<0.01	0.78	0.02	0.002	1.34	4.39	
STD CDN-ME-9	Standard	<0.001	0.674	<0.02	0.01	3	0.933	0.018	0.12	14.02	<0.02	0.03	<0.001	<0.01	<0.01	4.23	0.06	0.028	4.10	6.59	
STD CDN-ME-14	Standard	0.001	1.261	0.50	3.22	43	0.002	0.017	0.09	18.16	<0.02	<0.01	0.009	<0.01	<0.01	0.77	0.02	0.002	1.32	4.37	
STD CDN-ME-9	Standard	<0.001	0.654	<0.02	0.01	4	0.909	0.016	0.12	13.72	<0.02	0.03	<0.001	<0.01	<0.01	4.19	0.06	0.029	4.04	6.52	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				

QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
REP 1144637	QC	1.52	0.14	<0.01	0.18																
1144650	Drill Core	4.90	0.70	<0.01	<0.05	0.4	60.6	0.9	40	<0.1	1.7	9.8	683	3.12	4.6	<0.5	0.2	51	<0.1	0.3	<0.1
REP 1144650	QC	4.81	0.69	<0.01	<0.05																
Core Reject Duplicates																					
1144528	Drill Core	2.10	0.58	<0.01	0.48	2.1	85.0	3.0	90	<0.1	66.0	33.5	726	4.69	37.7	<0.5	0.4	80	0.5	0.5	<0.1
DUP 1144528	QC	2.12	0.61	<0.01	0.46	1.8	86.1	2.9	88	0.2	68.7	34.2	723	4.65	39.0	<0.5	0.3	78	0.2	0.6	<0.1
1144566	Drill Core	4.44	0.89	<0.01	0.90	2.0	92.1	2.1	43	0.5	8.3	14.8	886	4.27	58.0	4.0	0.3	30	<0.1	0.8	0.1
DUP 1144566	QC	4.54	0.85	<0.01	0.87	1.7	92.7	2.2	44	0.1	7.4	13.8	883	4.21	57.5	3.1	0.3	30	<0.1	0.8	0.2
1144604	Drill Core	2.96	1.45	<0.01	1.58	1.2	186.9	1.5	25	<0.1	6.8	17.9	558	3.98	30.0	1.7	0.4	32	<0.1	0.7	0.3
DUP 1144604	QC	3.02	1.46	<0.01	1.51	1.6	196.5	1.9	27	<0.1	6.7	18.1	586	4.08	33.9	3.5	0.4	38	0.1	0.9	0.5
1144642	Drill Core	2.75	0.34	<0.01	0.08	1.4	2.5	1.1	22	<0.1	6.0	8.2	546	2.51	39.3	7.1	0.1	62	<0.1	0.8	0.1
DUP 1144642	QC	2.71	0.33	<0.01	0.08	1.4	2.3	1.3	21	<0.1	5.7	8.2	581	2.63	38.4	5.1	0.1	65	<0.1	1.0	0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.54	1.79	<0.01	15.83																
STD CDN-ME-9	Standard	1.87	0.61	<0.01	2.49																
STD CDN-ME-14	Standard	0.53	1.68	<0.01	16.00																
STD CDN-ME-9	Standard	1.85	0.73	<0.01	2.57																
STD CDN-ME-14	Standard	0.54	1.73	<0.01	15.99																
STD CDN-ME-9	Standard	1.82	0.63	<0.01	2.62																
STD CDN-ME-14	Standard	0.53	1.83	<0.01	16.25																
STD CDN-ME-9	Standard	1.76	0.62	<0.01	2.67																
STD CDN-ME-14	Standard	0.52	1.40	<0.01	16.31																
STD CDN-ME-9	Standard	1.74	0.70	<0.01	2.64																
STD DS10	Standard					12.8	158.5	156.3	376	1.7	75.4	13.4	877	2.68	43.8	71.0	7.1	65	2.6	7.6	12.5
STD DS10	Standard					13.3	154.2	143.6	353	1.9	73.6	12.8	863	2.72	45.8	67.0	7.1	66	2.8	8.0	12.0
STD DS10	Standard					13.3	152.4	151.1	365	1.8	78.8	12.4	881	2.70	45.5	51.1	7.1	65	2.3	8.4	12.5
STD DS10	Standard					14.0	150.5	154.3	346	2.2	71.1	12.1	868	2.69	41.7	160.7	7.4	70	2.6	7.9	11.9
STD DS10	Standard					12.4	150.2	155.1	354	2.0	72.0	12.5	863	2.68	40.0	62.6	7.1	63	2.4	7.0	11.7
STD GS311-1	Standard																				



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Project: 204920
 Report Date: October 17, 2013

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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
REP 1144637	QC	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1144650	Drill Core	50	0.94	0.123	4	3	1.11	16	0.155	<20	1.52	0.110	0.06	0.1	<0.01	1.7	<0.1	<0.05	8	<0.5	<0.2
REP 1144650	QC																				
Core Reject Duplicates																					
1144528	Drill Core	121	2.64	0.065	3	121	3.50	44	0.276	<20	4.10	0.282	0.11	0.1	<0.01	9.6	<0.1	0.51	10	1.4	<0.2
DUP 1144528	QC	120	2.63	0.065	3	122	3.49	41	0.284	<20	4.06	0.272	0.10	0.1	<0.01	9.2	<0.1	0.50	10	<0.5	<0.2
1144566	Drill Core	116	2.52	0.116	6	10	1.71	191	0.110	<20	1.88	0.069	0.06	1.3	0.02	7.2	<0.1	0.90	11	<0.5	<0.2
DUP 1144566	QC	116	2.41	0.121	6	9	1.66	161	0.110	<20	1.84	0.071	0.06	0.9	<0.01	6.7	<0.1	0.89	11	0.6	<0.2
1144604	Drill Core	93	2.50	0.162	3	4	1.11	26	0.229	<20	1.51	0.097	0.07	0.3	<0.01	4.5	<0.1	1.52	6	0.6	<0.2
DUP 1144604	QC	104	2.71	0.170	3	5	1.13	27	0.283	24	1.51	0.098	0.07	0.3	<0.01	4.0	<0.1	1.53	6	1.1	<0.2
1144642	Drill Core	85	2.08	0.094	<1	7	0.60	10	0.180	<20	1.16	0.118	0.11	0.2	<0.01	5.9	<0.1	0.06	3	<0.5	<0.2
DUP 1144642	QC	90	2.19	0.094	1	8	0.62	12	0.190	<20	1.24	0.136	0.12	0.2	<0.01	6.2	<0.1	0.06	3	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD DS10	Standard	41	1.03	0.072	16	54	0.76	387	0.071	<20	0.97	0.062	0.33	2.7	0.28	2.4	4.7	0.28	5	1.9	6.0
STD DS10	Standard	41	1.03	0.077	16	53	0.77	407	0.070	<20	1.01	0.066	0.33	2.3	0.28	2.8	4.8	0.28	5	1.8	5.2
STD DS10	Standard	41	1.04	0.078	15	55	0.77	363	0.070	<20	0.98	0.064	0.33	2.8	0.30	2.8	4.6	0.29	4	2.5	5.6
STD DS10	Standard	41	1.03	0.072	16	53	0.76	394	0.070	<20	0.98	0.063	0.33	2.8	0.27	2.6	4.9	0.27	4	2.2	4.9
STD DS10	Standard	41	1.03	0.075	16	53	0.76	362	0.070	<20	0.96	0.063	0.33	2.6	0.25	2.7	4.9	0.28	4	2.2	5.2
STD GS311-1	Standard																				

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.

QUALITY CONTROL REPORT

SMI13000331.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
REP 1144637	QC			
1144650	Drill Core	0.08	0.04	<0.005
REP 1144650	QC			<0.005
Core Reject Duplicates				
1144528	Drill Core	0.32	0.58	<0.005
DUP 1144528	QC	0.33	0.57	<0.005
1144566	Drill Core	0.97	1.02	<0.005
DUP 1144566	QC	0.80	1.00	<0.005
1144604	Drill Core	0.48	1.54	0.006
DUP 1144604	QC	0.46	1.71	<0.005
1144642	Drill Core	0.21	0.07	<0.005
DUP 1144642	QC	0.21	0.07	<0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.98	2.34	



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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected																						



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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.3	649.0	13.1	29	0.2	361.3	50.9	384	22.88	8.7	54.1	9.2	4	<0.1	0.3	0.2	
STD OREAS45EA	Standard					1.3	681.5	13.3	29	0.2	374.0	50.7	389	23.67	10.3	48.2	9.7	4	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.6	657.6	13.4	30	0.3	354.7	49.8	382	23.47	8.9	53.2	9.6	4	<0.1	0.3	0.2	
STD OREAS45EA	Standard					1.6	684.8	14.6	28	0.3	385.2	50.6	409	22.37	9.1	56.9	10.1	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.5	644.9	14.4	27	0.3	355.3	47.7	378	22.50	8.7	45.8	10.0	4	<0.1	0.3	0.3	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	



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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	306	0.03	0.028	6	804	0.10	131	0.085	<20	3.08	0.016	0.05	<0.1	<0.01	71.7	<0.1	<0.05	12	0.6	<0.2	
STD OREAS45EA	Standard	311	0.04	0.030	7	819	0.10	141	0.085	<20	3.18	0.020	0.06	<0.1	0.01	77.8	<0.1	<0.05	12	<0.5	<0.2	
STD OREAS45EA	Standard	307	0.04	0.028	6	807	0.09	136	0.082	<20	3.11	0.019	0.05	<0.1	0.04	75.5	<0.1	<0.05	12	<0.5	<0.2	
STD OREAS45EA	Standard	330	0.03	0.029	7	830	0.09	144	0.087	<20	3.17	0.016	0.05	<0.1	0.02	75.4	<0.1	<0.05	12	<0.5	<0.2	
STD OREAS45EA	Standard	301	0.03	0.027	6	779	0.09	133	0.086	<20	3.01	0.018	0.05	<0.1	<0.01	72.1	<0.1	<0.05	12	0.7	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	

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.

QUALITY CONTROL REPORT

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		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
STD GS311-1	Standard	0.98	2.46	
STD GS311-1	Standard	1.00	2.41	
STD GS311-1	Standard	1.00	2.41	
STD GS311-1	Standard	0.99	2.43	
STD GS910-4	Standard	2.69	8.11	
STD GS910-4	Standard	2.69	8.86	
STD GS910-4	Standard	2.68	8.24	
STD GS910-4	Standard	2.65	8.45	
STD GS910-4	Standard	2.68	8.02	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.213
STD OXC109	Standard			0.196
STD OXC109	Standard			0.205
STD OXI96	Standard			1.801
STD OXI96	Standard			1.838
STD OXI96	Standard			1.807
STD OXL93	Standard			5.778
STD OXL93	Standard			5.681
STD OXL93	Standard			6.035
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				

QUALITY CONTROL REPORT

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		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26
STD CDN-ME-14 Expected		0.52	1.5		16																
STD CDN-ME-9 Expected		1.82	0.63		2.547																
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.64	1.23	<0.01	<0.05	0.2	2.2	2.7	44	<0.1	4.2	4.1	568	2.00	<0.5	<0.5	4.8	59	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.64	1.27	<0.01	<0.05	0.2	3.3	3.0	50	<0.1	4.3	4.0	585	2.10	<0.5	0.9	4.7	61	<0.1	<0.1	<0.1

QUALITY CONTROL REPORT

SMI13000331.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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Prep Wash																					
G1-SMI	Prep Blank	34	0.43	0.073	9	10	0.56	230	0.121	<20	0.97	0.094	0.49	0.1	0.01	2.6	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	36	0.58	0.073	9	11	0.61	230	0.118	<20	1.00	0.088	0.48	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 17, 2013

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Part: 4 of 4

QUALITY CONTROL REPORT

SMI13000331.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
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BLK	Blank			
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	0.06	<0.02	<0.005

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: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: September 30, 2013
Report Date: October 21, 2013
Page: 1 of 7

CERTIFICATE OF ANALYSIS

SMI13000337.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_002
P.O. Number
Number of Samples: 151

SAMPLE DISPOSAL

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

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

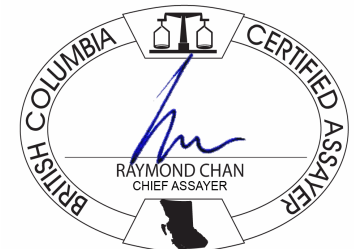
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	143	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
7TD2	151	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	151	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	151	Analysis by Leco	0.1	Completed	VAN
G6	151	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: 204920
Report Date: October 21, 2013

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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302520	Drill Core	5.79	<0.001	0.007	<0.02	<0.01	<2	0.006	0.002	0.14	7.03	<0.02	0.04	<0.001	<0.01	<0.01	8.32	0.07	0.008	3.45	8.91
2302521	Drill Core	6.94	<0.001	0.086	<0.02	<0.01	<2	<0.001	<0.001	0.04	0.88	<0.02	0.02	<0.001	<0.01	<0.01	2.10	0.05	0.001	0.76	5.64
2302522	Drill Core	5.35	<0.001	0.254	<0.02	<0.01	2	<0.001	<0.001	0.03	1.01	<0.02	0.02	<0.001	<0.01	<0.01	1.93	0.04	0.001	0.60	5.40
2302523	Rock Pulp	0.19	0.017	0.183	<0.02	<0.01	<2	0.001	<0.001	0.07	4.01	<0.02	0.07	<0.001	<0.01	<0.01	2.13	0.08	0.002	0.66	5.78
2302524	Drill Core	5.38	0.003	0.253	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.41	<0.02	0.01	<0.001	<0.01	<0.01	2.77	0.05	<0.001	0.55	4.86
2302525	Drill Core	5.30	<0.001	0.148	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.68	<0.02	0.03	<0.001	<0.01	<0.01	2.13	0.06	<0.001	0.79	5.97
2302526	Drill Core	3.66	0.009	0.265	<0.02	<0.01	3	<0.001	<0.001	0.03	1.23	<0.02	0.03	<0.001	<0.01	<0.01	1.71	0.06	0.001	0.69	5.94
2302527	Rock	3.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.53	<0.02	0.05	<0.001	<0.01	<0.01	1.40	0.03	<0.001	0.24	6.01
2302528	Drill Core	3.80	0.006	0.235	<0.02	<0.01	4	<0.001	<0.001	0.05	1.59	<0.02	0.03	<0.001	<0.01	<0.01	2.70	0.08	<0.001	0.97	5.17
2302529	Drill Core	3.87	0.004	0.236	<0.02	<0.01	3	<0.001	<0.001	0.04	1.39	<0.02	0.02	<0.001	<0.01	<0.01	1.96	0.06	0.001	0.75	6.32
2302530	Drill Core	4.34	<0.001	0.037	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.07	<0.02	0.06	<0.001	<0.01	<0.01	3.98	0.13	0.002	1.91	8.05
2302531	Drill Core	5.62	<0.001	0.199	<0.02	<0.01	2	<0.001	<0.001	0.03	1.46	<0.02	0.03	<0.001	<0.01	<0.01	1.60	0.06	0.001	0.70	6.82
2302532	Drill Core	3.04	0.007	0.301	<0.02	<0.01	3	<0.001	<0.001	0.04	1.32	<0.02	0.03	<0.001	<0.01	<0.01	2.04	0.06	<0.001	0.64	5.97
2302533	Drill Core	3.69	0.004	0.383	<0.02	<0.01	3	<0.001	<0.001	0.04	1.37	<0.02	0.03	<0.001	<0.01	<0.01	2.48	0.06	0.001	0.61	5.01
2302534	Drill Core	4.93	0.004	0.349	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.31	<0.02	0.02	<0.001	<0.01	<0.01	2.23	0.06	0.001	0.56	5.17
2302535	Drill Core	8.30	<0.001	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.98	<0.02	0.02	<0.001	<0.01	<0.01	2.23	0.06	<0.001	0.57	6.04
2302536	Drill Core	4.86	<0.001	0.025	<0.02	0.01	<2	<0.001	<0.001	0.13	5.81	<0.02	0.04	<0.001	<0.01	<0.01	3.52	0.14	0.002	2.15	8.03
2302537	Drill Core	6.10	<0.001	0.014	<0.02	0.01	<2	<0.001	<0.001	0.10	5.06	<0.02	0.06	<0.001	<0.01	<0.01	3.64	0.13	0.002	1.84	7.69
2302538	Drill Core	5.47	0.004	0.211	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.66	<0.02	0.04	<0.001	<0.01	<0.01	2.00	0.05	<0.001	0.68	5.83
2302539	Drill Core	1.87	<0.001	0.272	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.59	<0.02	0.03	<0.001	<0.01	<0.01	1.44	0.05	0.001	0.76	6.13
2302540	Drill Core	1.67	<0.001	0.255	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.60	<0.02	0.03	<0.001	<0.01	<0.01	1.68	0.05	<0.001	0.71	5.83
2302541	Drill Core	6.86	0.002	0.375	<0.02	<0.01	2	<0.001	<0.001	0.03	1.83	<0.02	0.03	<0.001	<0.01	<0.01	1.14	0.06	<0.001	0.76	6.04
2302542	Drill Core	7.41	0.010	0.224	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.74	<0.02	0.03	<0.001	<0.01	<0.01	1.68	0.05	<0.001	0.73	5.37
2302543	Drill Core	5.50	0.001	0.179	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.78	<0.02	0.01	<0.001	<0.01	<0.01	0.99	0.02	<0.001	0.12	3.88
2302544	Drill Core	7.06	0.012	0.214	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.95	<0.02	0.04	<0.001	<0.01	<0.01	1.33	0.06	0.002	0.75	6.02
2302545	Drill Core	3.41	0.001	0.119	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.62	<0.02	0.04	<0.001	<0.01	<0.01	2.28	0.09	0.002	1.30	6.31
2302546	Rock	3.04	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.57	<0.02	0.05	<0.001	<0.01	<0.01	1.41	0.03	<0.001	0.24	5.73
2302547	Drill Core	2.31	<0.001	0.022	<0.02	0.01	<2	<0.001	0.001	0.13	6.47	<0.02	0.05	<0.001	<0.01	<0.01	3.62	0.15	0.002	2.81	8.36
2302548	Drill Core	1.88	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.13	6.35	<0.02	0.08	<0.001	<0.01	<0.01	5.53	0.14	0.002	2.19	8.36
2302549	Drill Core	8.67	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.12	6.16	<0.02	0.11	<0.001	<0.01	<0.01	6.87	0.13	0.001	1.73	8.33

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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302520	Drill Core	1.76	0.40	<0.01	<0.05	0.5	71.6	1.7	54	<0.1	43.0	22.3	742	4.04	5.5	1.6	0.3	90	<0.1	0.4	<0.1
2302521	Drill Core	3.41	1.58	<0.01	0.08	1.3	856.8	1.4	28	0.5	7.5	2.4	328	0.71	1.6	19.6	2.6	17	<0.1	0.2	0.1
2302522	Drill Core	2.97	1.85	<0.01	0.30	6.2	2587.2	5.1	25	1.6	5.6	2.2	294	0.87	1.2	157.3	2.5	40	0.3	1.3	0.6
2302523	Rock Pulp	2.78	2.34	<0.01	0.25	168.6	1887.0	5.1	78	0.6	15.4	8.1	630	3.77	2.5	558.4	3.9	60	0.1	0.2	0.2
2302524	Drill Core	1.45	2.28	<0.01	0.51	25.8	2607.5	11.5	38	1.4	5.1	4.0	431	1.08	0.9	21.1	2.6	19	0.4	0.4	0.6
2302525	Drill Core	2.92	1.87	<0.01	0.71	7.3	1512.0	5.2	35	0.6	6.2	7.7	333	1.49	1.1	47.4	3.1	19	0.2	0.4	0.2
2302526	Drill Core	3.57	1.50	<0.01	0.29	75.7	2773.3	3.6	29	2.9	6.2	3.9	260	1.10	0.7	137.5	3.0	24	<0.1	0.5	4.8
2302527	Rock	2.78	2.75	<0.01	<0.05	0.6	12.9	2.5	53	<0.1	1.2	2.3	315	1.50	0.8	0.9	8.0	20	<0.1	<0.1	<0.1
2302528	Drill Core	3.76	0.98	<0.01	0.21	65.7	2429.5	2.4	47	3.9	7.4	4.0	524	1.45	1.1	74.6	2.7	23	0.1	0.8	1.9
2302529	Drill Core	3.12	1.61	<0.01	0.28	39.5	2328.0	6.9	37	2.2	7.4	3.8	423	1.15	1.0	30.4	2.4	21	0.1	0.3	1.0
2302530	Drill Core	2.96	1.14	<0.01	<0.05	3.1	392.5	5.6	94	0.6	8.1	19.9	960	4.33	4.2	6.5	1.4	91	0.2	1.4	<0.1
2302531	Drill Core	3.53	1.88	<0.01	0.16	6.7	2078.7	6.1	32	2.2	8.0	4.0	322	1.30	3.6	19.2	2.7	25	0.2	0.3	0.5
2302532	Drill Core	3.25	1.73	<0.01	0.35	65.3	3147.9	6.4	27	3.8	7.7	4.7	341	1.16	2.7	28.2	2.3	21	<0.1	0.6	2.0
2302533	Drill Core	3.14	1.69	<0.01	0.41	36.4	3858.7	7.7	25	3.9	7.2	4.1	369	1.20	2.5	29.6	2.3	26	0.2	0.9	2.3
2302534	Drill Core	2.56	1.77	<0.01	0.32	39.0	3544.8	4.8	19	1.9	6.0	3.1	334	1.04	3.6	26.1	2.2	27	<0.1	0.4	3.5
2302535	Drill Core	3.26	1.88	<0.01	0.23	4.4	1459.0	3.7	26	0.9	7.1	4.8	365	1.64	16.0	57.1	2.6	26	0.1	0.2	0.9
2302536	Drill Core	3.76	0.90	<0.01	<0.05	1.3	278.9	4.4	135	0.4	7.8	21.9	1278	5.32	2.3	6.3	0.9	41	0.2	0.4	0.5
2302537	Drill Core	3.09	1.82	<0.01	<0.05	1.9	160.4	4.6	102	0.5	8.3	18.2	1083	4.88	3.2	1.3	1.1	56	0.2	1.1	0.1
2302538	Drill Core	3.99	1.60	<0.01	0.20	34.1	2216.2	6.4	38	1.4	9.1	6.6	403	1.63	3.3	30.4	2.6	54	<0.1	0.8	1.2
2302539	Drill Core	3.57	1.76	<0.01	0.23	10.7	3090.6	5.0	33	1.9	8.0	5.4	367	1.59	2.0	59.7	3.5	21	0.1	0.5	2.5
2302540	Drill Core	3.59	1.83	<0.01	0.20	7.2	2570.9	5.5	28	1.6	7.0	5.0	329	1.47	2.1	88.8	3.3	22	0.1	0.5	3.4
2302541	Drill Core	3.53	1.97	<0.01	0.30	25.8	3877.3	3.8	29	2.4	7.6	5.3	320	1.69	2.4	97.1	4.1	18	0.1	0.7	4.1
2302542	Drill Core	3.03	2.10	<0.01	0.23	78.3	2283.4	2.0	29	0.9	6.9	4.5	370	1.51	1.0	35.0	2.8	17	<0.1	0.3	0.8
2302543	Drill Core	4.43	0.32	<0.01	0.12	10.3	1775.4	3.2	7	2.5	3.8	0.8	181	0.84	1.4	28.7	3.7	17	<0.1	0.9	3.0
2302544	Drill Core	3.62	2.13	<0.01	0.17	75.3	2150.5	2.5	35	1.7	8.0	5.2	383	1.75	0.7	177.9	3.0	19	<0.1	0.4	2.9
2302545	Drill Core	4.08	1.13	<0.01	0.08	10.2	1178.0	2.2	53	0.7	6.7	13.0	598	3.21	3.5	9.2	2.3	64	<0.1	0.7	0.3
2302546	Rock	2.71	2.62	<0.01	<0.05	0.6	17.9	2.1	55	<0.1	1.2	2.5	334	1.57	<0.5	0.8	7.8	19	<0.1	<0.1	<0.1
2302547	Drill Core	3.06	0.72	<0.01	<0.05	1.6	222.5	1.7	107	0.3	9.2	29.2	1174	5.37	3.6	1.1	0.8	84	0.1	0.5	<0.1
2302548	Drill Core	2.43	0.56	<0.01	<0.05	1.0	67.0	2.7	83	<0.1	7.7	23.1	971	4.59	4.4	2.7	0.9	169	<0.1	1.0	<0.1
2302549	Drill Core	2.00	0.38	<0.01	<0.05	1.4	116.5	4.4	68	<0.1	6.8	21.0	830	3.91	5.6	0.5	0.9	243	<0.1	1.4	<0.1



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 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 21, 2013

Page: 2 of 7

Part: 3 of 4

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302520	Drill Core	101	3.61	0.054	3	21	2.05	39	0.252	<20	4.27	0.378	0.05	0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
2302521	Drill Core	24	2.10	0.054	5	15	0.56	112	0.004	<20	0.74	0.053	0.20	1.1	<0.01	1.5	<0.1	0.09	3	<0.5	<0.2
2302522	Drill Core	20	1.97	0.040	5	12	0.44	442	0.003	<20	0.62	0.046	0.18	1.5	0.01	1.4	<0.1	0.31	3	0.7	<0.2
2302523	Rock Pulp	58	1.21	0.069	12	23	0.70	176	0.082	<20	1.13	0.074	0.47	0.1	0.03	3.9	0.1	0.28	6	1.0	<0.2
2302524	Drill Core	16	2.91	0.048	5	9	0.34	152	0.002	<20	0.64	0.024	0.27	0.5	0.02	1.5	<0.1	0.53	2	1.3	<0.2
2302525	Drill Core	30	1.96	0.060	6	10	0.67	108	0.003	<20	0.84	0.046	0.20	0.5	<0.01	2.3	<0.1	0.72	3	1.1	<0.2
2302526	Drill Core	26	1.68	0.054	7	11	0.58	92	0.002	<20	0.76	0.058	0.17	1.0	0.02	1.9	<0.1	0.30	3	2.1	<0.2
2302527	Rock	14	0.22	0.028	15	3	0.25	67	0.069	<20	0.58	0.073	0.27	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2302528	Drill Core	47	2.60	0.077	10	12	0.93	176	0.005	<20	1.04	0.057	0.14	2.1	0.04	2.5	<0.1	0.22	5	1.2	0.2
2302529	Drill Core	23	1.93	0.056	6	15	0.60	326	0.001	<20	0.84	0.041	0.19	1.4	0.01	1.6	<0.1	0.28	3	1.7	<0.2
2302530	Drill Core	118	2.17	0.118	14	18	2.00	122	0.148	<20	2.52	0.049	0.08	1.6	<0.01	9.2	<0.1	<0.05	10	<0.5	<0.2
2302531	Drill Core	25	1.46	0.057	6	18	0.63	499	0.003	<20	0.90	0.060	0.19	0.9	<0.01	1.8	<0.1	0.18	4	0.6	<0.2
2302532	Drill Core	21	2.07	0.061	6	15	0.54	341	0.002	<20	0.78	0.049	0.20	0.9	<0.01	1.4	0.1	0.38	3	1.1	0.6
2302533	Drill Core	20	2.54	0.059	7	15	0.54	356	0.001	<20	0.78	0.046	0.20	0.8	<0.01	1.4	<0.1	0.42	3	2.4	0.3
2302534	Drill Core	16	2.29	0.060	6	11	0.39	294	<0.001	<20	0.62	0.033	0.18	0.5	<0.01	1.1	<0.1	0.33	2	1.4	0.2
2302535	Drill Core	21	2.32	0.058	15	12	0.48	274	0.002	<20	0.89	0.043	0.21	0.4	<0.01	1.7	<0.1	0.24	3	<0.5	<0.2
2302536	Drill Core	137	3.24	0.120	16	17	2.18	342	0.014	<20	2.68	0.045	0.09	0.1	<0.01	9.2	<0.1	<0.05	12	<0.5	<0.2
2302537	Drill Core	146	2.89	0.119	15	23	2.01	144	0.238	<20	2.44	0.066	0.11	1.9	<0.01	8.9	<0.1	<0.05	11	<0.5	<0.2
2302538	Drill Core	38	1.81	0.059	9	20	0.73	791	0.059	<20	0.93	0.067	0.12	12.0	<0.01	2.7	<0.1	0.23	4	0.8	<0.2
2302539	Drill Core	32	1.43	0.058	11	17	0.77	188	0.069	<20	0.97	0.063	0.16	17.5	<0.01	2.3	<0.1	0.26	4	1.4	0.2
2302540	Drill Core	29	1.56	0.046	7	14	0.66	349	0.064	<20	0.85	0.053	0.13	8.5	<0.01	2.0	<0.1	0.22	4	1.0	0.3
2302541	Drill Core	30	1.12	0.059	6	14	0.72	84	0.085	<20	0.96	0.057	0.17	23.6	<0.01	2.1	<0.1	0.34	4	2.5	0.3
2302542	Drill Core	29	1.60	0.044	7	13	0.64	157	0.048	<20	0.88	0.044	0.18	15.8	<0.01	2.1	<0.1	0.24	4	2.6	<0.2
2302543	Drill Core	8	1.18	0.024	4	11	0.11	204	0.002	<20	0.19	0.074	0.05	4.1	<0.01	0.7	<0.1	0.14	1	1.3	0.4
2302544	Drill Core	36	1.27	0.061	10	18	0.70	152	0.008	<20	0.96	0.050	0.16	2.9	<0.01	2.5	<0.1	0.18	5	2.3	0.2
2302545	Drill Core	84	1.35	0.079	9	15	1.40	64	0.197	<20	1.66	0.065	0.05	4.4	<0.01	5.8	<0.1	0.08	7	<0.5	<0.2
2302546	Rock	15	0.25	0.030	16	4	0.27	74	0.076	<20	0.60	0.070	0.28	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2302547	Drill Core	136	1.70	0.139	12	18	2.80	14	0.301	<20	3.32	0.041	0.02	1.3	<0.01	7.2	<0.1	<0.05	11	<0.5	<0.2
2302548	Drill Core	125	2.03	0.132	12	15	2.29	13	0.296	<20	3.03	0.034	0.02	1.2	<0.01	6.9	<0.1	<0.05	10	<0.5	<0.2
2302549	Drill Core	110	2.51	0.128	12	14	1.76	87	0.288	<20	2.84	0.033	0.04	1.4	<0.01	7.0	<0.1	<0.05	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	Analyte	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Unit		%	%	ppm
MDL		0.02	0.02	0.005
2302520	Drill Core	0.36	0.05	0.006
2302521	Drill Core	0.57	0.09	0.019
2302522	Drill Core	0.53	0.35	0.057
2302523	Rock Pulp	0.28	0.28	0.262
2302524	Drill Core	0.84	0.54	0.039
2302525	Drill Core	0.60	0.78	0.035
2302526	Drill Core	0.46	0.33	0.186
2302527	Rock	<0.02	<0.02	<0.005
2302528	Drill Core	0.79	0.24	0.140
2302529	Drill Core	0.55	0.31	0.029
2302530	Drill Core	0.36	0.03	<0.005
2302531	Drill Core	0.36	0.18	0.024
2302532	Drill Core	0.54	0.41	0.036
2302533	Drill Core	0.69	0.48	0.034
2302534	Drill Core	0.65	0.39	0.023
2302535	Drill Core	0.65	0.25	0.043
2302536	Drill Core	0.96	0.04	0.012
2302537	Drill Core	0.66	<0.02	0.005
2302538	Drill Core	0.48	0.24	0.058
2302539	Drill Core	0.33	0.25	0.062
2302540	Drill Core	0.39	0.22	0.089
2302541	Drill Core	0.24	0.37	0.136
2302542	Drill Core	0.44	0.26	0.040
2302543	Drill Core	0.40	0.16	0.070
2302544	Drill Core	0.36	0.19	0.086
2302545	Drill Core	0.22	0.10	0.021
2302546	Rock	<0.02	<0.02	<0.005
2302547	Drill Core	0.22	<0.02	<0.005
2302548	Drill Core	0.20	<0.02	<0.005
2302549	Drill Core	0.24	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302550	Drill Core	6.42	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.19	<0.02	0.09	<0.001	<0.01	<0.01	5.65	0.12	0.002	1.75	8.39
2302551	Drill Core	8.50	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.71	<0.02	0.06	<0.001	<0.01	<0.01	4.79	0.13	0.002	2.09	8.29
2302552	Drill Core	8.90	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.001	0.12	5.59	<0.02	0.05	<0.001	<0.01	<0.01	4.11	0.13	0.002	2.41	7.76
2302553	Drill Core	2.57	0.006	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.14	<0.02	0.03	<0.001	<0.01	<0.01	2.47	0.08	0.002	1.10	6.73
2302554	Drill Core	2.56	0.009	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.38	<0.02	0.02	<0.001	<0.01	<0.01	2.63	0.06	0.001	0.65	5.90
2302555	Drill Core	6.84	0.021	0.148	<0.02	<0.01	<2	0.001	<0.001	0.06	1.93	<0.02	0.02	<0.001	<0.01	<0.01	1.63	0.06	0.002	1.19	7.81
2302556	Drill Core	9.98	0.030	0.185	<0.02	<0.01	<2	0.001	<0.001	0.06	1.50	<0.02	0.02	<0.001	<0.01	<0.01	2.32	0.05	0.002	0.87	6.31
2302557	Rock Pulp	0.17	0.016	0.185	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.11	<0.02	0.07	<0.001	<0.01	<0.01	2.32	0.08	0.002	0.70	7.28
2302558	Drill Core	3.06	0.013	0.108	<0.02	<0.01	<2	0.002	0.002	0.13	4.23	<0.02	0.04	<0.001	<0.01	<0.01	4.61	0.07	0.004	2.45	9.27
2302559	Drill Core	8.79	0.264	0.500	<0.02	0.09	6	<0.001	<0.001	0.11	2.31	<0.02	0.01	<0.001	<0.01	<0.01	4.54	0.05	<0.001	0.63	5.30
2302560	Rock	5.91	0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.55	<0.02	0.05	<0.001	<0.01	<0.01	1.64	0.04	<0.001	0.25	7.08
2302561	Drill Core	8.98	0.016	0.273	<0.02	0.10	3	<0.001	<0.001	0.10	2.30	<0.02	<0.01	<0.001	<0.01	<0.01	2.68	0.04	0.002	0.57	5.76
2302562	Drill Core	10.91	0.044	0.242	<0.02	0.04	6	<0.001	0.001	0.09	3.37	<0.02	<0.01	<0.001	<0.01	<0.01	3.00	0.04	0.002	0.44	5.50
2302563	Drill Core	7.42	0.004	0.234	<0.02	<0.01	<2	<0.001	<0.001	0.09	2.41	<0.02	0.02	<0.001	<0.01	<0.01	2.25	0.06	0.002	0.71	6.45
2302564	Drill Core	9.07	0.017	0.342	<0.02	<0.01	6	<0.001	<0.001	0.09	1.94	<0.02	0.02	<0.001	<0.01	<0.01	2.38	0.05	0.002	0.67	4.96
2302565	Drill Core	6.40	0.017	0.249	<0.02	<0.01	<2	<0.001	<0.001	0.09	2.06	<0.02	0.02	<0.001	<0.01	<0.01	2.46	0.05	<0.001	0.66	5.01
2302566	Drill Core	6.17	0.008	0.236	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.16	<0.02	0.03	<0.001	<0.01	<0.01	1.90	0.05	<0.001	0.61	5.99
2302567	Drill Core	7.07	0.014	0.415	<0.02	<0.01	2	<0.001	<0.001	0.06	2.02	<0.02	0.02	<0.001	<0.01	<0.01	1.89	0.05	0.001	0.52	5.19
2302568	Drill Core	6.57	0.013	0.346	<0.02	<0.01	4	0.001	<0.001	0.04	1.41	<0.02	0.02	<0.001	<0.01	<0.01	1.88	0.05	0.001	0.35	5.93
2302569	Drill Core	7.95	0.054	0.596	<0.02	<0.01	11	<0.001	<0.001	0.04	1.22	<0.02	0.02	<0.001	<0.01	<0.01	1.49	0.05	<0.001	0.62	5.15
2302570	Drill Core	7.15	0.021	0.333	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.53	<0.02	0.02	<0.001	<0.01	<0.01	1.52	0.05	<0.001	0.67	6.23
2302571	Rock Pulp	0.18	0.024	0.460	<0.02	<0.01	<2	0.004	0.002	0.08	4.63	<0.02	0.03	<0.001	<0.01	<0.01	2.56	0.06	0.005	1.34	6.02
2302572	Drill Core	6.15	0.019	0.211	<0.02	<0.01	<2	0.001	<0.001	0.04	1.39	<0.02	0.04	<0.001	<0.01	<0.01	1.69	0.05	0.001	0.71	7.25
2302573	Drill Core	5.76	0.010	0.109	<0.02	<0.01	<2	0.001	<0.001	0.04	0.98	<0.02	0.03	<0.001	<0.01	<0.01	1.55	0.05	0.002	0.63	6.08
2302574	Drill Core	7.77	0.091	0.062	<0.02	<0.01	<2	<0.001	<0.001	0.04	0.98	<0.02	0.01	<0.001	<0.01	<0.01	1.86	0.04	0.001	0.34	5.46
2302575	Drill Core	3.35	0.012	0.236	<0.02	<0.01	<2	0.001	<0.001	0.05	1.97	<0.02	0.03	<0.001	<0.01	<0.01	1.69	0.06	0.002	0.89	7.03
2302576	Drill Core	3.78	0.016	0.480	<0.02	<0.01	>300	0.008	0.001	0.04	1.70	<0.02	0.03	<0.001	<0.01	<0.01	1.20	0.05	0.003	0.73	5.95
2302577	Drill Core	5.95	0.027	0.331	<0.02	<0.01	6	0.001	<0.001	0.04	1.41	<0.02	0.03	<0.001	<0.01	<0.01	1.64	0.05	0.001	0.66	6.78
2302578	Drill Core	7.06	0.011	0.271	<0.02	<0.01	2	0.001	<0.001	0.05	1.47	<0.02	0.02	<0.001	<0.01	<0.01	1.99	0.05	<0.001	0.72	6.76
2302579	Rock	6.00	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.48	<0.02	0.05	<0.001	<0.01	<0.01	1.58	0.04	<0.001	0.25	7.03

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302550	Drill Core	2.39	1.19	<0.01	<0.05	1.7	67.6	2.8	66	<0.1	9.2	19.6	795	3.71	4.8	<0.5	1.1	169	<0.1	1.0	<0.1
2302551	Drill Core	2.92	1.08	<0.01	<0.05	2.0	106.6	2.4	72	<0.1	7.3	20.1	982	4.64	5.2	1.7	1.1	107	<0.1	0.9	<0.1
2302552	Drill Core	3.05	0.93	<0.01	0.28	2.5	119.9	6.9	98	0.2	7.5	25.1	1152	5.14	15.7	5.3	0.9	57	0.2	0.8	0.3
2302553	Drill Core	3.20	1.58	<0.01	<0.05	55.8	176.5	3.8	29	0.3	7.6	8.4	443	1.77	7.6	4.4	1.1	15	0.3	0.5	0.8
2302554	Drill Core	3.23	1.39	<0.01	0.07	83.6	225.5	4.7	23	0.2	4.4	4.9	349	1.11	4.4	3.4	1.4	17	1.3	0.4	0.5
2302555	Drill Core	3.15	2.25	<0.01	0.16	207.0	1520.0	4.0	46	1.2	11.8	6.2	534	1.60	2.5	20.8	2.4	13	0.2	0.9	2.5
2302556	Drill Core	3.01	2.01	<0.01	0.19	299.4	1861.5	4.0	44	1.0	8.3	3.7	552	1.22	<0.5	33.5	4.1	11	<0.1	0.4	1.9
2302557	Rock Pulp	2.93	2.46	<0.01	0.26	156.8	1874.8	4.0	77	0.6	16.1	8.2	619	3.67	2.3	697.3	3.4	53	0.1	0.2	0.2
2302558	Drill Core	2.00	2.42	<0.01	0.17	125.0	1081.7	4.4	82	0.8	22.8	20.0	1123	3.68	9.8	65.1	0.9	61	<0.1	0.7	0.8
2302559	Drill Core	1.31	2.80	<0.01	1.19	>2000	5096.8	31.0	902	7.0	5.5	7.3	1031	1.85	1.1	429.8	2.9	22	5.2	0.6	10.1
2302560	Rock	2.99	2.74	<0.01	<0.05	2.0	14.0	1.9	57	<0.1	1.4	2.6	333	1.56	0.8	2.2	7.1	21	<0.1	<0.1	<0.1
2302561	Drill Core	1.07	2.88	<0.01	0.84	160.0	2784.7	11.2	987	3.4	5.5	6.0	917	1.80	1.7	109.4	2.8	16	7.3	0.2	2.7
2302562	Drill Core	0.77	2.81	<0.01	2.27	430.4	2404.2	41.9	349	5.6	6.2	14.9	816	2.80	4.0	254.6	2.5	20	2.3	0.2	10.2
2302563	Drill Core	2.60	2.67	<0.01	0.47	30.3	2398.5	5.2	58	2.2	5.5	5.8	804	2.03	1.0	73.4	2.8	15	0.2	0.2	2.6
2302564	Drill Core	2.89	2.33	<0.01	0.31	161.7	3401.0	2.4	59	5.1	6.4	4.8	872	1.69	1.5	193.3	3.3	29	<0.1	3.3	2.9
2302565	Drill Core	2.11	2.78	<0.01	0.28	131.9	2510.3	2.9	56	1.9	4.8	4.9	919	1.71	<0.5	54.2	3.2	44	<0.1	0.2	1.1
2302566	Drill Core	3.15	2.68	<0.01	0.23	81.0	2442.3	2.1	61	2.3	6.4	5.3	636	1.94	<0.5	94.9	3.3	14	<0.1	0.2	1.7
2302567	Drill Core	2.10	3.00	<0.01	0.59	130.8	4358.0	4.2	32	2.6	4.6	5.7	519	1.72	<0.5	86.8	3.6	14	<0.1	0.1	3.8
2302568	Drill Core	3.08	2.80	<0.01	0.23	86.9	3574.0	3.8	33	4.4	4.8	2.9	429	1.22	<0.5	262.2	3.4	22	<0.1	0.2	3.0
2302569	Drill Core	2.76	2.73	<0.01	0.42	500.9	6088.5	4.8	39	10.3	5.4	3.0	375	1.16	1.6	633.7	3.2	12	0.2	3.2	6.6
2302570	Drill Core	3.17	2.93	<0.01	0.25	196.7	3616.5	5.2	62	2.2	6.1	4.1	416	1.44	0.9	235.1	3.5	12	0.2	0.3	2.5
2302571	Rock Pulp	2.28	0.90	<0.01	0.57	234.9	4748.6	3.3	48	0.6	33.2	11.1	464	3.55	5.4	245.2	0.7	32	<0.1	0.5	0.1
2302572	Drill Core	3.58	2.53	<0.01	0.18	184.4	2097.8	2.2	34	2.3	8.6	3.5	367	1.18	0.7	164.8	2.2	26	<0.1	0.1	1.7
2302573	Drill Core	3.54	2.41	<0.01	0.10	99.4	1119.1	1.5	31	0.9	7.5	2.6	360	0.91	1.9	109.8	2.2	16	<0.1	0.5	2.0
2302574	Drill Core	2.79	1.80	<0.01	0.25	908.3	620.5	5.4	11	2.1	2.7	4.5	343	0.67	<0.5	108.6	2.1	15	<0.1	0.2	3.3
2302575	Drill Core	3.56	1.87	<0.01	0.24	117.8	2347.7	2.9	36	1.9	5.8	5.6	442	1.71	1.6	115.1	2.4	21	<0.1	1.1	4.1
2302576	Drill Core	3.46	1.94	0.36	0.29	173.8	4817.3	5.3	32	>100	60.9	7.9	410	1.72	1.4	164.8	2.5	19	<0.1	1.1	8.0
2302577	Drill Core	3.66	2.30	<0.01	0.27	266.4	3444.3	3.4	31	5.6	7.4	4.4	366	1.26	<0.5	130.3	2.5	18	<0.1	0.3	4.6
2302578	Drill Core	3.09	2.37	<0.01	0.30	98.7	2741.0	2.2	31	3.2	6.1	4.0	445	1.21	0.6	60.7	2.5	18	<0.1	0.5	3.0
2302579	Rock	2.99	2.84	<0.01	<0.05	0.9	16.2	1.7	57	<0.1	1.1	2.5	329	1.48	<0.5	8.6	7.0	18	<0.1	<0.1	<0.1

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2302550	Drill Core	97	2.29	0.118	11	21	1.77	47	0.265	<20	2.41	0.039	0.05	0.9	<0.01	5.9	<0.1	<0.05	8	<0.5	<0.2
2302551	Drill Core	132	2.62	0.114	12	17	2.16	22	0.266	<20	2.63	0.047	0.03	0.9	<0.01	7.7	<0.1	<0.05	10	<0.5	<0.2
2302552	Drill Core	174	2.97	0.131	13	17	2.60	46	0.346	<20	2.77	0.047	0.03	1.5	<0.01	10.2	<0.1	0.25	11	<0.5	<0.2
2302553	Drill Core	55	1.99	0.065	3	13	0.91	39	0.095	<20	1.06	0.046	0.15	8.6	0.02	3.3	<0.1	0.12	4	<0.5	<0.2
2302554	Drill Core	29	2.34	0.054	4	10	0.51	40	0.060	<20	0.72	0.051	0.16	7.4	<0.01	2.1	<0.1	0.07	2	<0.5	<0.2
2302555	Drill Core	43	1.38	0.049	3	21	0.99	85	0.059	<20	1.15	0.039	0.22	10.4	0.01	2.8	<0.1	0.17	4	1.1	<0.2
2302556	Drill Core	30	2.13	0.040	5	17	0.68	29	0.028	<20	0.83	0.030	0.18	4.9	0.02	1.9	<0.1	0.21	3	1.3	0.2
2302557	Rock Pulp	58	1.17	0.068	11	23	0.69	169	0.079	<20	1.11	0.071	0.45	0.1	0.04	3.8	0.2	0.26	6	1.1	<0.2
2302558	Drill Core	134	3.64	0.048	4	41	2.32	76	0.164	<20	3.27	0.166	0.24	1.3	0.01	10.7	<0.1	0.16	7	<0.5	<0.2
2302559	Drill Core	24	4.75	0.047	11	7	0.43	37	0.029	<20	0.65	0.014	0.23	6.2	0.25	1.9	0.2	1.30	2	5.5	0.5
2302560	Rock	15	0.26	0.032	14	4	0.27	73	0.069	<20	0.64	0.085	0.28	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2302561	Drill Core	24	2.62	0.038	6	8	0.37	64	0.004	<20	0.61	0.014	0.23	2.3	0.21	1.6	<0.1	0.87	2	1.2	<0.2
2302562	Drill Core	18	2.93	0.043	8	7	0.18	66	0.001	<20	0.48	0.013	0.23	3.4	0.09	1.4	<0.1	2.30	2	3.8	0.5
2302563	Drill Core	40	2.04	0.049	8	10	0.60	70	0.003	<20	0.81	0.031	0.19	0.7	0.02	2.3	<0.1	0.48	3	1.4	<0.2
2302564	Drill Core	34	2.33	0.051	10	12	0.63	549	0.003	<20	0.84	0.037	0.18	2.3	0.03	1.9	<0.1	0.36	3	2.7	<0.2
2302565	Drill Core	33	2.42	0.047	9	9	0.58	933	0.002	<20	0.82	0.027	0.21	1.8	0.02	2.0	<0.1	0.31	3	1.9	<0.2
2302566	Drill Core	38	1.76	0.052	10	10	0.60	121	0.004	<20	0.82	0.049	0.16	1.7	0.01	2.4	<0.1	0.25	4	2.1	<0.2
2302567	Drill Core	24	1.98	0.045	10	8	0.40	147	0.003	<20	0.62	0.026	0.20	1.2	0.02	1.7	<0.1	0.67	3	3.3	0.2
2302568	Drill Core	28	1.80	0.056	10	8	0.29	379	0.003	<20	0.53	0.040	0.16	1.0	0.02	1.9	<0.1	0.27	2	3.6	0.3
2302569	Drill Core	29	1.60	0.046	11	8	0.53	118	0.002	<20	0.63	0.036	0.15	3.2	0.07	1.5	<0.1	0.47	3	7.0	0.8
2302570	Drill Core	34	1.50	0.048	10	9	0.62	62	0.005	<20	0.72	0.044	0.15	8.8	0.02	2.2	<0.1	0.28	3	2.0	0.3
2302571	Rock Pulp	61	0.82	0.056	3	34	0.81	94	0.110	<20	1.69	0.091	0.14	0.2	0.03	4.5	<0.1	0.60	5	0.7	<0.2
2302572	Drill Core	25	1.40	0.051	7	18	0.60	277	0.004	<20	0.74	0.052	0.16	0.7	0.02	1.7	<0.1	0.19	3	3.0	0.2
2302573	Drill Core	24	1.47	0.045	6	17	0.55	171	0.002	<20	0.66	0.052	0.14	0.7	0.02	1.6	<0.1	0.11	3	1.5	0.3
2302574	Drill Core	9	1.79	0.036	4	5	0.13	141	<0.001	<20	0.36	0.033	0.17	0.9	0.03	0.7	0.1	0.26	1	4.7	0.5
2302575	Drill Core	46	1.39	0.061	6	15	0.76	208	0.055	<20	0.94	0.049	0.15	1.3	0.02	2.6	<0.1	0.26	4	2.2	<0.2
2302576	Drill Core	32	1.21	0.053	6	16	0.60	296	0.025	<20	0.73	0.039	0.14	>100	*	2.0	<0.1	0.34	3	3.1	0.3
2302577	Drill Core	29	1.43	0.047	7	19	0.60	198	0.004	<20	0.71	0.045	0.14	1.4	0.02	2.0	<0.1	0.29	4	3.0	0.3
2302578	Drill Core	24	1.82	0.041	5	13	0.54	219	0.001	<20	0.67	0.027	0.15	7.2	0.01	1.5	<0.1	0.31	3	1.4	<0.2
2302579	Rock	14	0.23	0.033	14	4	0.27	70	0.072	<20	0.59	0.069	0.29	0.2	0.01	2.0	0.1	<0.05	4	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	Analyte	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Unit		%	%	ppm
MDL		0.02	0.02	0.005
2302550	Drill Core	0.31	<0.02	<0.005
2302551	Drill Core	0.49	0.04	0.006
2302552	Drill Core	0.69	0.29	0.008
2302553	Drill Core	0.47	0.12	0.009
2302554	Drill Core	0.59	0.07	0.007
2302555	Drill Core	0.32	0.18	0.029
2302556	Drill Core	0.61	0.22	0.080
2302557	Rock Pulp	0.28	0.28	0.314
2302558	Drill Core	0.84	0.18	0.031
2302559	Drill Core	1.41	1.28	0.423
2302560	Rock	<0.02	<0.02	<0.005
2302561	Drill Core	0.76	0.89	0.104
2302562	Drill Core	0.89	2.22	0.552
2302563	Drill Core	0.55	0.52	0.091
2302564	Drill Core	0.67	0.36	0.179
2302565	Drill Core	0.70	0.31	0.055
2302566	Drill Core	0.48	0.24	0.130
2302567	Drill Core	0.53	0.67	0.126
2302568	Drill Core	0.57	0.28	0.228
2302569	Drill Core	0.42	0.49	0.509
2302570	Drill Core	0.40	0.29	0.311
2302571	Rock Pulp	0.08	0.64	0.556
2302572	Drill Core	0.37	0.19	0.145
2302573	Drill Core	0.39	0.12	0.115
2302574	Drill Core	0.52	0.25	0.084
2302575	Drill Core	0.34	0.29	0.118
2302576	Drill Core	0.31	0.34	0.203
2302577	Drill Core	0.37	0.31	0.276
2302578	Drill Core	0.51	0.34	0.078
2302579	Rock	0.02	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302580	Drill Core	7.63	0.024	0.475	<0.02	<0.01	5	0.001	<0.001	0.04	1.45	<0.02	0.02	<0.001	<0.01	<0.01	2.00	0.05	0.002	0.73	6.46
2302581	Drill Core	7.60	0.051	0.378	<0.02	<0.01	4	0.001	<0.001	0.05	1.38	<0.02	0.03	<0.001	<0.01	<0.01	1.81	0.05	0.002	0.76	6.69
2302582	Drill Core	7.69	0.033	0.433	<0.02	<0.01	3	0.001	<0.001	0.06	1.66	<0.02	0.02	<0.001	<0.01	<0.01	2.36	0.05	0.001	0.74	6.61
2302583	Drill Core	7.79	0.011	0.250	<0.02	<0.01	<2	0.002	<0.001	0.06	2.00	<0.02	0.03	<0.001	<0.01	<0.01	2.45	0.05	<0.001	0.73	7.21
2302584	Drill Core	9.12	0.002	0.025	<0.02	<0.01	<2	0.001	<0.001	0.06	1.77	<0.02	0.03	<0.001	<0.01	<0.01	2.17	0.05	<0.001	0.69	6.84
2302585	Drill Core	9.17	<0.001	0.065	<0.02	<0.01	<2	0.001	<0.001	0.07	1.74	<0.02	0.02	<0.001	<0.01	<0.01	2.13	0.06	0.001	0.83	7.20
2302586	Drill Core	7.07	0.002	0.070	<0.02	<0.01	<2	<0.001	<0.001	0.07	1.73	<0.02	0.02	<0.001	<0.01	<0.01	3.17	0.06	0.002	0.80	6.61
2302587	Drill Core	4.87	0.002	0.071	<0.02	<0.01	<2	<0.001	<0.001	0.06	1.77	<0.02	0.03	<0.001	<0.01	<0.01	2.81	0.06	0.001	0.77	6.83
2302588	Rock Pulp	0.15	0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.16	<0.02	0.05	<0.001	<0.01	<0.01	1.76	0.06	<0.001	0.50	6.53
2302589	Drill Core	6.54	0.025	0.482	<0.02	<0.01	3	<0.001	<0.001	0.06	2.33	<0.02	0.02	<0.001	<0.01	<0.01	2.63	0.08	0.001	1.02	5.53
2302590	Drill Core	6.14	0.010	0.280	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.62	<0.02	0.04	<0.001	<0.01	<0.01	1.81	0.07	<0.001	0.81	5.74
2302591	Drill Core	4.52	<0.001	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.66	<0.02	0.04	<0.001	<0.01	<0.01	1.73	0.06	<0.001	0.73	5.66
2302592	Drill Core	6.57	0.033	0.919	<0.02	<0.01	8	0.001	<0.001	0.03	2.08	<0.02	0.03	<0.001	<0.01	<0.01	3.42	0.08	0.003	1.43	6.80
2302593	Drill Core	8.97	0.020	0.418	<0.02	<0.01	3	<0.001	<0.001	0.02	1.44	<0.02	0.03	<0.001	<0.01	<0.01	1.98	0.08	<0.001	1.07	5.94
2302594	Drill Core	4.03	0.049	0.509	<0.02	<0.01	4	<0.001	<0.001	0.02	1.38	<0.02	0.03	<0.001	<0.01	<0.01	2.78	0.08	0.002	1.04	5.91
2302595	Drill Core	3.30	0.072	0.729	<0.02	<0.01	7	0.002	<0.001	0.02	1.73	<0.02	0.03	<0.001	<0.01	<0.01	2.98	0.08	0.003	1.33	6.30
2302596	Drill Core	8.27	0.042	0.890	<0.02	<0.01	7	0.002	<0.001	0.03	2.18	<0.02	0.03	<0.001	<0.01	<0.01	2.18	0.10	0.003	1.63	7.22
2302597	Rock	5.02	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.53	<0.02	0.05	<0.001	<0.01	<0.01	1.49	0.04	<0.001	0.25	6.11
2302598	Drill Core	9.28	0.070	0.692	<0.02	<0.01	9	0.001	<0.001	0.04	2.00	<0.02	0.03	<0.001	<0.01	<0.01	3.06	0.08	0.003	1.46	6.77
2302599	Drill Core	8.61	0.012	0.362	<0.02	<0.01	2	0.001	<0.001	0.04	1.98	<0.02	0.03	<0.001	<0.01	<0.01	2.15	0.08	0.002	1.30	6.66
2302600	Drill Core	4.87	0.020	0.364	<0.02	<0.01	4	<0.001	<0.001	0.04	1.59	<0.02	0.03	<0.001	<0.01	<0.01	2.36	0.07	<0.001	1.08	6.63
2302601	Drill Core	6.04	0.038	0.510	<0.02	<0.01	6	0.001	<0.001	0.06	1.90	<0.02	0.03	<0.001	<0.01	<0.01	2.81	0.08	0.003	1.35	6.91
2302602	Drill Core	10.19	0.064	0.515	<0.02	<0.01	5	<0.001	<0.001	0.05	1.58	<0.02	0.03	<0.001	<0.01	<0.01	2.46	0.08	0.002	1.20	7.15
2302603	Drill Core	5.07	0.024	0.441	<0.02	<0.01	4	0.002	<0.001	0.03	1.56	<0.02	0.03	<0.001	<0.01	<0.01	2.82	0.09	0.003	1.27	6.96
2302604	Drill Core	4.85	0.024	0.428	<0.02	<0.01	4	0.002	<0.001	0.03	1.60	<0.02	0.03	<0.001	<0.01	<0.01	2.74	0.08	0.003	1.30	7.39
2302605	Drill Core	6.04	0.027	0.219	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.41	<0.02	0.04	<0.001	<0.01	<0.01	2.13	0.07	0.002	0.94	7.23
2302606	Drill Core	9.36	0.027	0.614	<0.02	<0.01	6	0.002	<0.001	0.03	1.80	<0.02	0.04	<0.001	<0.01	<0.01	2.76	0.09	0.003	1.46	7.46
2302607	Drill Core	9.56	0.019	0.710	<0.02	<0.01	7	0.002	<0.001	0.05	2.49	<0.02	0.04	<0.001	<0.01	<0.01	3.87	0.10	0.005	1.94	7.25
2302608	Drill Core	10.02	0.032	0.603	<0.02	<0.01	8	<0.001	<0.001	0.03	1.54	<0.02	0.03	<0.001	<0.01	<0.01	2.22	0.06	0.002	0.88	5.82
2302609	Rock Pulp	0.15	0.068	0.739	0.27	0.07	17	0.003	0.002	0.12	5.55	<0.02	0.02	<0.001	<0.01	<0.01	2.16	0.08	0.004	1.10	6.52



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Project: 204920
 Report Date: October 21, 2013

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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302580	Drill Core	2.61	3.09	<0.01	0.34	228.7	4839.1	2.6	28	5.8	3.9	3.4	370	1.20	<0.5	258.9	2.7	19	<0.1	0.6	5.2
2302581	Drill Core	3.00	2.51	<0.01	0.37	501.0	3835.3	6.2	36	4.3	7.7	4.3	430	1.13	2.4	142.7	2.1	22	0.1	3.1	3.7
2302582	Drill Core	2.43	2.51	<0.01	0.41	309.3	4311.4	4.0	35	3.3	6.7	3.8	537	1.32	<0.5	137.1	2.0	26	<0.1	0.2	4.3
2302583	Drill Core	3.15	2.40	<0.01	0.25	110.4	2566.1	1.2	52	0.7	5.9	3.9	619	1.58	0.8	40.3	1.3	44	<0.1	0.1	1.3
2302584	Drill Core	3.17	2.48	<0.01	<0.05	22.1	272.7	0.5	57	0.2	6.4	3.3	622	1.38	0.6	11.7	1.5	35	<0.1	0.1	0.8
2302585	Drill Core	2.55	2.80	<0.01	0.06	10.0	671.0	0.6	55	0.2	6.8	3.2	694	1.30	0.7	8.1	1.4	21	<0.1	0.1	0.4
2302586	Drill Core	2.44	2.58	<0.01	0.07	18.7	697.6	0.8	55	2.1	7.8	3.4	677	1.30	<0.5	7.7	1.5	36	<0.1	0.1	1.4
2302587	Drill Core	3.28	2.27	<0.01	0.07	16.7	736.5	0.6	50	0.9	7.4	3.7	558	1.43	<0.5	54.2	1.4	58	<0.1	<0.1	1.5
2302588	Rock Pulp	3.06	2.47	<0.01	0.10	12.5	170.4	12.5	45	0.1	6.3	5.8	225	1.87	2.7	1.9	3.1	44	<0.1	0.1	0.2
2302589	Drill Core	2.99	1.86	<0.01	0.72	217.4	4710.3	3.8	43	2.3	10.6	6.4	570	2.03	1.0	125.8	1.3	66	<0.1	0.2	12.2
2302590	Drill Core	4.01	1.65	<0.01	0.48	96.4	2896.7	3.0	35	1.8	8.9	5.1	402	1.51	<0.5	172.4	1.6	98	<0.1	0.1	21.2
2302591	Drill Core	4.23	1.78	<0.01	0.35	8.1	1489.1	2.8	30	0.6	8.4	4.3	412	1.59	0.6	197.6	1.6	82	<0.1	<0.1	13.4
2302592	Drill Core	3.63	1.37	<0.01	1.57	205.1	9022.6	2.7	33	7.7	13.8	7.9	324	1.87	<0.5	495.8	1.4	110	<0.1	0.1	24.8
2302593	Drill Core	4.23	1.47	0.01	0.87	125.1	4143.0	1.3	21	3.7	10.5	5.1	223	1.40	1.1	167.1	1.6	76	<0.1	0.2	9.8
2302594	Drill Core	4.14	1.55	0.02	1.41	307.4	5123.2	2.4	21	4.8	9.7	5.4	218	1.30	<0.5	415.6	1.6	112	<0.1	0.3	14.1
2302595	Drill Core	3.85	1.68	<0.01	1.63	296.9	7235.9	2.8	28	7.4	12.3	6.1	241	1.61	<0.5	795.6	1.4	102	<0.1	0.3	21.4
2302596	Drill Core	4.03	1.56	0.01	0.78	151.8	8630.2	1.7	40	8.1	13.8	7.1	317	1.96	<0.5	794.7	1.3	97	<0.1	0.1	21.5
2302597	Rock	3.06	1.56	<0.01	<0.05	1.1	17.1	1.9	56	<0.1	1.4	2.2	319	1.40	0.7	0.5	7.0	22	<0.1	<0.1	<0.1
2302598	Drill Core	3.80	1.24	<0.01	1.12	593.2	6941.9	2.9	50	9.6	14.0	6.5	412	1.81	0.6	461.0	1.4	102	<0.1	0.6	18.8
2302599	Drill Core	3.99	1.49	<0.01	1.00	79.5	3585.1	0.9	41	2.1	11.7	7.1	426	1.83	0.8	111.1	1.7	101	<0.1	0.1	9.1
2302600	Drill Core	3.92	1.42	<0.01	0.87	118.9	3727.6	0.7	41	5.0	10.6	5.5	416	1.50	0.8	313.7	1.6	93	<0.1	0.6	17.1
2302601	Drill Core	3.85	1.73	0.01	1.21	296.9	5078.8	2.9	67	6.6	14.7	6.3	567	1.77	1.0	2803.6	1.5	130	<0.1	1.0	16.0
2302602	Drill Core	4.32	1.30	<0.01	1.28	525.6	5227.0	2.2	68	5.5	10.5	5.1	528	1.41	0.7	280.9	1.9	76	<0.1	1.7	12.9
2302603	Drill Core	3.88	2.56	<0.01	0.94	178.5	4444.8	3.0	44	4.5	12.8	6.0	341	1.43	1.4	132.7	1.6	82	<0.1	0.6	11.4
2302604	Drill Core	3.68	1.97	<0.01	0.85	179.9	4142.9	2.3	45	4.1	12.3	5.8	340	1.47	1.3	153.1	1.6	76	<0.1	0.6	10.4
2302605	Drill Core	4.29	2.27	<0.01	0.91	270.5	2140.4	1.4	25	1.7	9.6	4.1	216	1.30	0.9	165.7	2.0	90	<0.1	0.3	5.6
2302606	Drill Core	4.45	1.58	0.01	1.18	253.8	5999.0	5.3	47	7.5	13.7	5.8	332	1.65	0.6	157.7	1.4	115	<0.1	1.0	15.1
2302607	Drill Core	3.79	1.35	0.01	1.59	148.9	7167.4	5.1	54	7.6	21.6	8.9	475	2.35	0.8	571.1	1.2	163	0.1	1.2	16.5
2302608	Drill Core	4.22	1.72	<0.01	1.13	326.1	6271.2	5.8	52	8.1	9.4	4.7	313	1.55	2.5	734.7	1.8	99	1.4	24.5	16.5
2302609	Rock Pulp	1.56	1.73	<0.01	2.32	613.6	7248.1	2782.3	709	16.5	20.9	13.0	855	4.72	21.9	2222.4	1.7	46	5.0	6.0	0.8

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.

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302580	Drill Core	24	1.66	0.044	7	4	0.57	198	0.002	<20	0.68	0.024	0.16	1.3	0.02	1.6	<0.1	0.38	3	3.4	0.5
2302581	Drill Core	24	1.50	0.049	8	16	0.56	283	0.004	<20	0.69	0.028	0.17	2.7	0.03	1.6	<0.1	0.38	3	2.7	0.2
2302582	Drill Core	19	2.08	0.049	7	14	0.54	220	0.004	<20	0.69	0.022	0.17	3.4	0.02	1.6	<0.1	0.42	3	2.5	0.2
2302583	Drill Core	21	2.21	0.046	11	12	0.61	474	0.002	<20	0.83	0.032	0.16	28.9	0.03	2.0	<0.1	0.26	3	0.9	<0.2
2302584	Drill Core	19	2.03	0.048	9	12	0.59	306	0.002	<20	0.80	0.034	0.17	14.7	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
2302585	Drill Core	20	1.93	0.051	9	12	0.65	65	0.001	<20	0.86	0.024	0.19	3.1	0.01	2.0	<0.1	0.06	3	<0.5	<0.2
2302586	Drill Core	22	3.13	0.058	9	14	0.61	239	0.001	<20	0.81	0.025	0.19	15.3	0.01	2.1	<0.1	0.07	3	<0.5	<0.2
2302587	Drill Core	26	2.73	0.062	8	17	0.65	322	0.001	<20	0.83	0.034	0.16	2.0	0.02	2.2	0.1	0.07	3	<0.5	<0.2
2302588	Rock Pulp	26	0.89	0.056	11	9	0.44	38	0.020	<20	0.81	0.067	0.15	0.5	<0.01	1.8	<0.1	0.20	6	<0.5	<0.2
2302589	Drill Core	37	2.62	0.074	5	19	0.85	182	0.001	<20	1.01	0.025	0.18	6.7	<0.01	2.4	<0.1	0.72	7	3.0	0.4
2302590	Drill Core	37	1.87	0.063	8	16	0.76	334	0.001	<20	0.92	0.041	0.13	8.4	<0.01	2.6	<0.1	0.49	7	1.7	0.7
2302591	Drill Core	37	1.75	0.053	9	16	0.73	325	0.002	<20	0.79	0.051	0.10	6.4	0.01	2.7	<0.1	0.38	7	0.8	0.3
2302592	Drill Core	80	3.11	0.072	5	40	1.35	66	0.007	<20	1.20	0.027	0.08	26.7	<0.01	4.6	<0.1	1.47	10	3.2	0.9
2302593	Drill Core	54	1.97	0.070	7	23	1.04	171	0.015	<20	0.84	0.040	0.09	71.1	<0.01	2.8	<0.1	0.88	9	1.8	0.7
2302594	Drill Core	53	2.66	0.070	6	26	1.02	79	0.008	<20	0.83	0.033	0.08	>100	<0.01	2.7	<0.1	1.39	8	3.3	0.8
2302595	Drill Core	67	2.75	0.079	6	43	1.28	80	0.010	<20	1.03	0.030	0.09	57.0	<0.01	3.1	<0.1	1.57	9	4.1	1.6
2302596	Drill Core	91	1.85	0.085	5	36	1.55	153	0.024	<20	1.21	0.044	0.10	80.4	<0.01	5.1	<0.1	0.73	10	8.0	1.4
2302597	Rock	14	0.25	0.031	14	3	0.25	62	0.070	<20	0.53	0.057	0.26	0.2	<0.01	1.8	0.1	<0.05	7	<0.5	<0.2
2302598	Drill Core	74	2.72	0.081	5	47	1.35	129	0.004	<20	1.18	0.033	0.09	50.6	<0.01	4.2	<0.1	1.08	9	5.2	0.9
2302599	Drill Core	59	1.95	0.073	5	31	1.21	106	0.003	<20	1.12	0.035	0.09	5.2	<0.01	3.2	<0.1	0.98	8	1.8	0.5
2302600	Drill Core	43	2.27	0.069	5	26	1.04	155	0.002	<20	0.95	0.039	0.10	6.3	0.03	2.0	<0.1	0.91	7	2.6	0.7
2302601	Drill Core	63	2.61	0.069	4	46	1.25	122	0.004	<20	1.11	0.037	0.10	67.6	0.01	3.4	<0.1	1.19	9	4.5	1.2
2302602	Drill Core	60	2.20	0.068	5	25	1.05	69	0.006	<20	0.90	0.039	0.07	14.0	0.04	3.0	<0.1	1.25	7	3.4	0.7
2302603	Drill Core	98	2.50	0.080	6	47	1.25	49	0.017	<20	0.99	0.038	0.06	5.2	<0.01	6.2	<0.1	0.92	9	1.8	0.8
2302604	Drill Core	96	2.41	0.073	6	48	1.27	57	0.018	<20	0.98	0.037	0.06	4.4	<0.01	6.0	<0.1	0.84	9	1.8	0.7
2302605	Drill Core	60	1.88	0.057	6	27	0.90	64	0.025	<20	0.74	0.044	0.06	15.5	<0.01	3.4	<0.1	0.88	8	1.1	0.4
2302606	Drill Core	100	2.30	0.083	5	35	1.40	60	0.073	<20	1.07	0.041	0.04	84.5	<0.01	5.8	<0.1	1.16	9	4.8	0.7
2302607	Drill Core	140	3.50	0.078	5	77	1.92	87	0.041	<20	1.40	0.035	0.04	60.6	0.04	9.2	<0.1	1.57	10	4.2	0.6
2302608	Drill Core	55	2.20	0.056	6	27	0.90	114	0.007	<20	0.77	0.044	0.06	8.2	0.13	2.9	<0.1	1.21	7	5.4	1.0
2302609	Rock Pulp	48	0.92	0.061	3	27	0.68	71	0.067	<20	1.67	0.092	0.25	1.0	0.07	3.4	0.2	2.31	7	2.4	0.3

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
MDL		0.02	0.02	0.005
2302580	Drill Core	0.44	0.40	0.368
2302581	Drill Core	0.43	0.40	0.180
2302582	Drill Core	0.59	0.49	0.172
2302583	Drill Core	0.65	0.27	0.020
2302584	Drill Core	0.57	0.03	0.005
2302585	Drill Core	0.54	0.07	0.010
2302586	Drill Core	0.95	0.07	0.013
2302587	Drill Core	0.82	0.08	0.046
2302588	Rock Pulp	0.19	0.21	<0.005
2302589	Drill Core	0.82	0.83	0.150
2302590	Drill Core	0.51	0.50	0.303
2302591	Drill Core	0.48	0.41	0.068
2302592	Drill Core	0.51	1.60	0.508
2302593	Drill Core	0.34	0.88	0.289
2302594	Drill Core	0.37	1.39	0.367
2302595	Drill Core	0.37	1.69	0.516
2302596	Drill Core	0.38	0.83	0.914
2302597	Rock	<0.02	<0.02	<0.005
2302598	Drill Core	0.55	1.16	0.772
2302599	Drill Core	0.29	1.01	0.337
2302600	Drill Core	0.41	0.93	0.389
2302601	Drill Core	0.47	1.27	0.548
2302602	Drill Core	0.28	1.30	0.590
2302603	Drill Core	0.42	0.99	0.176
2302604	Drill Core	0.42	0.92	0.240
2302605	Drill Core	0.22	0.94	0.089
2302606	Drill Core	0.27	1.26	0.318
2302607	Drill Core	0.53	1.63	0.537
2302608	Drill Core	0.31	1.21	1.197
2302609	Rock Pulp	0.12	2.34	1.274



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Project: 204920
 Report Date: October 21, 2013

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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302610	Drill Core	6.66	0.055	0.491	<0.02	<0.01	3	0.001	<0.001	0.06	2.19	<0.02	0.03	<0.001	<0.01	<0.01	3.04	0.08	0.003	1.49	6.35
2302611	Drill Core	8.98	0.009	0.145	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.20	<0.02	0.03	<0.001	<0.01	<0.01	1.97	0.08	0.001	1.02	6.24
2302612	Drill Core	11.32	0.060	0.416	<0.02	<0.01	5	0.001	<0.001	0.03	1.38	<0.02	0.03	<0.001	<0.01	<0.01	2.68	0.07	0.003	1.05	5.78
2302613	Drill Core	10.86	0.028	0.536	<0.02	<0.01	5	0.001	<0.001	0.04	1.74	<0.02	0.03	<0.001	<0.01	<0.01	2.74	0.10	0.003	1.25	6.15
2302614	Drill Core	10.79	0.026	0.473	<0.02	<0.01	7	0.001	<0.001	0.04	1.88	<0.02	0.03	<0.001	<0.01	<0.01	2.77	0.11	0.002	1.47	6.79
2302615	Drill Core	3.23	0.007	0.588	<0.02	<0.01	7	0.001	<0.001	0.06	2.09	<0.02	0.03	<0.001	<0.01	<0.01	2.61	0.09	0.003	1.44	6.09
2302616	Drill Core	5.66	0.043	1.049	<0.02	<0.01	16	0.001	<0.001	0.04	1.98	<0.02	0.03	<0.001	0.01	<0.01	3.22	0.09	0.002	1.24	6.75
2302617	Rock	5.32	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.55	<0.02	0.05	<0.001	<0.01	<0.01	1.55	0.04	<0.001	0.25	6.24
2302618	Drill Core	4.06	0.045	0.637	<0.02	<0.01	9	0.002	<0.001	0.06	2.31	<0.02	0.03	<0.001	<0.01	<0.01	3.31	0.09	0.005	1.80	6.92
2302619	Drill Core	1.92	0.052	0.257	<0.02	<0.01	<2	<0.001	<0.001	0.07	1.42	<0.02	0.03	<0.001	<0.01	<0.01	3.62	0.09	0.001	1.00	6.19
2302620	Drill Core	6.06	0.076	0.196	<0.02	<0.01	4	0.001	<0.001	0.07	1.31	<0.02	0.04	<0.001	<0.01	<0.01	3.10	0.11	0.002	1.40	6.92
2302621	Drill Core	4.84	0.030	0.080	<0.02	<0.01	<2	0.001	<0.001	0.07	1.96	<0.02	0.02	<0.001	<0.01	<0.01	3.00	0.10	0.002	1.46	6.86
2302622	Drill Core	4.92	0.028	0.347	<0.02	<0.01	4	0.001	<0.001	0.06	1.33	<0.02	0.03	<0.001	<0.01	<0.01	2.80	0.09	0.002	1.30	6.37
2302623	Drill Core	4.98	0.005	0.220	<0.02	<0.01	<2	0.001	<0.001	0.07	1.55	<0.02	0.02	<0.001	<0.01	<0.01	3.34	0.07	0.001	1.16	5.43
2302624	Drill Core	4.35	0.020	0.221	<0.02	<0.01	<2	0.001	<0.001	0.08	2.10	<0.02	0.03	<0.001	<0.01	<0.01	2.77	0.10	0.002	1.49	6.11
2302625	Drill Core	3.05	0.006	0.711	<0.02	<0.01	8	0.001	<0.001	0.07	1.74	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.08	0.002	1.20	5.07
2302626	Drill Core	2.74	0.004	0.670	<0.02	<0.01	8	0.002	<0.001	0.07	1.81	<0.02	0.03	<0.001	<0.01	<0.01	3.41	0.08	0.002	1.31	5.82
2302627	Drill Core	5.08	0.051	0.279	<0.02	<0.01	2	<0.001	<0.001	0.04	1.27	<0.02	0.03	<0.001	<0.01	<0.01	2.65	0.06	0.002	0.87	5.40
2302628	Drill Core	5.12	0.096	0.301	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.16	<0.02	0.03	<0.001	<0.01	<0.01	2.90	0.05	0.001	0.74	5.72
2302629	Drill Core	3.65	0.010	0.950	<0.02	<0.01	13	0.002	<0.001	0.06	1.95	<0.02	0.03	<0.001	<0.01	<0.01	4.06	0.08	0.002	1.65	6.26
2302630	Drill Core	2.38	0.007	0.336	<0.02	<0.01	2	0.001	<0.001	0.07	1.69	<0.02	0.03	<0.001	<0.01	<0.01	2.98	0.14	0.002	1.29	7.18
2302631	Drill Core	4.76	0.091	0.188	<0.02	<0.01	<2	<0.001	<0.001	0.07	1.44	<0.02	0.03	<0.001	<0.01	<0.01	5.83	0.06	0.001	1.14	5.36
2302632	Drill Core	4.93	0.031	0.279	<0.02	<0.01	2	<0.001	<0.001	0.05	1.31	<0.02	0.03	<0.001	<0.01	<0.01	3.29	0.15	0.001	1.07	5.29
2302633	Drill Core	4.59	0.038	0.405	<0.02	<0.01	4	<0.001	<0.001	0.04	1.24	<0.02	0.03	<0.001	<0.01	<0.01	3.01	0.07	0.001	0.85	4.94
2302634	Drill Core	4.24	0.042	0.077	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.06	<0.02	0.03	<0.001	<0.01	<0.01	4.05	0.07	0.001	0.75	6.22
2302635	Drill Core	3.80	0.040	0.208	<0.02	<0.01	3	0.001	<0.001	0.05	0.94	<0.02	0.03	<0.001	<0.01	<0.01	2.86	0.07	0.002	0.91	6.10
2302636	Drill Core	3.05	0.014	0.208	<0.02	<0.01	<2	<0.001	<0.001	0.09	1.60	<0.02	0.03	<0.001	<0.01	<0.01	3.46	0.11	0.002	1.35	5.91
2302637	Rock Pulp	0.15	0.030	0.244	<0.02	0.05	3	0.002	<0.001	0.10	4.96	<0.02	0.02	<0.001	<0.01	<0.01	1.36	0.08	0.003	0.79	7.03
2302638	Drill Core	4.83	0.060	0.210	<0.02	<0.01	<2	<0.001	<0.001	0.05	0.97	<0.02	0.04	<0.001	<0.01	<0.01	3.40	0.06	0.001	0.77	6.68
2302639	Rock	6.59	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.56	<0.02	0.06	<0.001	<0.01	<0.01	1.61	0.04	<0.001	0.27	6.75

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.

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302610	Drill Core	3.15	1.25	<0.01	1.40	490.4	4658.9	4.5	64	4.1	12.3	7.3	544	1.90	<0.5	808.2	1.3	186	<0.1	1.2	10.0
2302611	Drill Core	4.58	1.59	<0.01	0.88	91.9	1433.1	1.9	35	2.0	10.7	4.6	270	1.10	1.2	325.3	1.7	63	<0.1	0.4	3.3
2302612	Drill Core	4.20	1.47	<0.01	1.41	538.1	3853.0	4.3	40	5.7	11.4	4.8	253	1.27	<0.5	397.4	1.6	91	<0.1	2.8	10.1
2302613	Drill Core	4.40	1.30	<0.01	1.48	251.7	5171.4	1.9	60	4.9	13.1	5.6	347	1.61	2.6	350.2	1.4	112	<0.1	8.7	16.6
2302614	Drill Core	4.46	1.42	<0.01	1.27	247.0	4821.7	2.4	58	6.5	12.7	6.3	419	1.77	1.4	191.1	1.3	94	<0.1	1.2	10.2
2302615	Drill Core	3.99	1.51	<0.01	1.20	61.1	5856.4	4.0	79	8.0	13.1	7.9	592	2.02	3.4	404.3	1.5	81	0.4	12.7	16.1
2302616	Drill Core	4.26	1.22	<0.01	1.99	265.1	>10000	3.9	77	16.5	11.8	6.5	368	1.81	11.0	426.7	1.1	128	1.8	68.3	29.0
2302617	Rock	3.06	1.56	<0.01	<0.05	0.9	17.3	1.7	56	<0.1	1.0	2.4	323	1.46	0.7	<0.5	6.8	20	<0.1	<0.1	<0.1
2302618	Drill Core	3.91	1.32	<0.01	1.48	395.0	6328.6	3.7	78	8.4	20.0	8.0	567	2.09	<0.5	404.6	1.2	135	<0.1	1.0	15.7
2302619	Drill Core	3.24	1.30	<0.01	1.72	522.7	2539.7	5.6	54	0.9	7.9	3.6	642	1.23	1.0	94.5	1.0	139	<0.1	1.8	4.7
2302620	Drill Core	4.19	1.10	<0.01	1.16	734.6	1909.8	8.8	85	2.7	10.9	4.4	614	1.14	8.3	239.0	1.6	125	0.3	29.3	4.7
2302621	Drill Core	3.29	1.25	<0.01	1.40	296.1	791.1	7.5	56	0.7	11.8	7.0	691	1.67	<0.5	187.9	1.6	95	<0.1	0.1	4.8
2302622	Drill Core	3.92	1.07	<0.01	1.30	263.0	3526.2	15.5	90	3.7	11.8	3.9	556	1.22	8.3	578.9	2.5	93	0.5	23.1	9.3
2302623	Drill Core	2.55	1.21	<0.01	1.61	45.6	2159.4	3.4	58	1.4	8.3	4.1	649	1.31	1.7	186.1	2.1	118	0.2	4.6	3.6
2302624	Drill Core	3.21	1.36	<0.01	0.96	200.1	2186.2	6.7	67	1.5	11.5	7.9	801	1.86	1.6	135.5	1.6	81	<0.1	1.3	5.8
2302625	Drill Core	3.63	0.86	<0.01	1.55	39.7	6951.6	6.9	61	7.8	11.7	5.0	700	1.68	2.5	924.3	2.1	108	0.4	8.9	13.5
2302626	Drill Core	3.51	0.89	<0.01	1.40	28.2	6708.7	5.7	63	6.9	13.4	5.1	750	1.75	0.7	1244.6	1.9	106	0.4	5.2	10.8
2302627	Drill Core	3.77	0.92	<0.01	1.33	515.3	2826.8	7.3	37	2.3	7.7	3.6	433	1.20	<0.5	916.6	1.7	118	<0.1	2.7	10.2
2302628	Drill Core	4.28	0.71	<0.01	1.61	986.4	3095.4	4.6	37	2.2	6.3	2.9	378	1.16	0.9	869.2	1.2	111	<0.1	3.5	6.4
2302629	Drill Core	2.96	0.82	<0.01	2.13	80.5	9106.0	12.1	65	14.1	13.9	5.7	612	1.76	0.6	1418.8	1.7	165	0.4	4.2	13.2
2302630	Drill Core	3.94	1.60	<0.01	1.02	56.4	3350.3	4.5	63	1.4	10.9	4.5	720	1.50	1.2	336.9	1.3	99	0.1	1.1	4.4
2302631	Drill Core	1.49	1.79	<0.01	2.70	868.9	1906.0	12.2	31	1.2	4.4	3.7	737	1.20	<0.5	255.8	4.2	273	<0.1	0.3	4.4
2302632	Drill Core	2.66	1.16	<0.01	1.69	300.3	2935.8	15.9	55	2.6	6.9	3.4	558	1.23	2.0	549.2	2.2	179	<0.1	2.9	6.2
2302633	Drill Core	2.77	1.17	<0.01	1.82	286.9	4085.3	44.7	56	3.9	7.2	2.3	452	1.11	4.0	726.9	5.5	214	0.6	12.2	10.1
2302634	Drill Core	3.00	1.53	<0.01	2.07	358.0	821.3	11.2	35	1.4	4.3	2.6	455	0.88	1.1	397.7	2.5	197	<0.1	1.4	2.3
2302635	Drill Core	3.66	1.05	<0.01	1.39	225.9	2250.0	15.4	67	3.7	8.1	2.2	489	0.89	10.6	448.2	2.7	164	0.7	39.2	3.3
2302636	Drill Core	2.77	1.85	<0.01	1.06	122.2	2118.6	3.9	69	1.5	6.1	4.0	899	1.40	<0.5	180.0	1.9	153	<0.1	0.1	1.7
2302637	Rock Pulp	0.85	2.50	<0.01	2.21	270.5	2572.2	84.8	427	3.3	12.1	10.5	776	4.44	29.5	273.8	3.1	55	2.4	1.2	1.2
2302638	Drill Core	3.90	1.43	<0.01	1.84	584.6	2170.3	14.2	43	3.4	5.5	2.0	475	0.85	1.8	530.8	1.6	206	<0.1	4.8	3.2
2302639	Rock	2.84	2.64	<0.01	<0.05	0.9	14.3	2.0	54	<0.1	1.1	2.1	343	1.56	0.9	1.6	7.7	23	<0.1	<0.1	<0.1

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302610	Drill Core	59	2.68	0.068	5	32	1.29	110	0.001	<20	1.25	0.023	0.09	4.7	0.03	2.9	<0.1	1.34	9	3.4	1.0
2302611	Drill Core	64	1.81	0.069	5	26	0.99	60	0.008	<20	0.80	0.048	0.06	11.3	<0.01	3.5	<0.1	0.85	8	1.1	0.3
2302612	Drill Core	71	2.36	0.062	4	32	1.03	33	0.028	<20	0.80	0.038	0.04	33.1	0.03	3.5	<0.1	1.35	8	4.0	0.9
2302613	Drill Core	81	2.34	0.090	5	42	1.24	77	0.059	<20	0.96	0.039	0.03	29.4	0.03	4.2	<0.1	1.43	8	4.4	1.2
2302614	Drill Core	90	2.39	0.100	5	29	1.43	77	0.070	<20	1.15	0.038	0.04	19.6	<0.01	5.1	<0.1	1.26	9	3.4	0.7
2302615	Drill Core	94	2.34	0.086	5	34	1.45	71	0.056	<20	1.18	0.042	0.05	42.7	0.07	5.9	<0.1	1.20	9	5.3	1.1
2302616	Drill Core	74	2.79	0.080	5	24	1.18	77	0.012	<20	0.93	0.038	0.05	15.1	0.16	4.2	<0.1	1.86	8	6.7	1.4
2302617	Rock	14	0.22	0.034	14	4	0.26	72	0.074	<20	0.55	0.058	0.29	<0.1	<0.01	1.9	0.1	<0.05	7	<0.5	<0.2
2302618	Drill Core	86	2.92	0.078	5	61	1.71	115	0.005	<20	1.41	0.034	0.07	12.1	0.01	5.2	<0.1	1.37	10	6.5	1.0
2302619	Drill Core	40	3.43	0.077	4	12	0.80	102	0.002	<20	0.85	0.022	0.12	1.2	0.02	2.2	<0.1	1.69	6	2.9	0.5
2302620	Drill Core	82	2.72	0.096	5	21	1.24	114	0.012	<20	1.01	0.036	0.09	41.1	0.01	3.4	<0.1	1.10	8	2.8	0.6
2302621	Drill Core	80	2.65	0.087	4	16	1.26	39	0.027	<20	1.27	0.024	0.11	2.8	<0.01	3.7	<0.1	1.35	8	2.0	0.8
2302622	Drill Core	84	2.54	0.086	4	16	1.18	77	0.033	<20	0.97	0.035	0.08	1.9	<0.01	3.5	<0.1	1.31	7	6.7	0.8
2302623	Drill Core	66	3.23	0.073	5	18	1.01	78	0.017	<20	0.93	0.027	0.12	0.8	0.02	3.0	<0.1	1.55	5	2.4	0.3
2302624	Drill Core	83	2.52	0.109	5	25	1.42	40	0.050	<20	1.41	0.032	0.13	6.2	<0.01	4.9	<0.1	0.95	7	2.4	0.7
2302625	Drill Core	76	3.21	0.088	4	19	1.15	77	0.011	<20	1.01	0.041	0.10	0.5	0.05	4.4	<0.1	1.51	5	7.1	2.1
2302626	Drill Core	93	3.33	0.088	5	22	1.24	79	0.011	<20	1.07	0.041	0.10	0.5	0.06	5.8	<0.1	1.35	5	7.4	1.5
2302627	Drill Core	44	2.60	0.064	4	17	0.80	95	0.003	<20	0.82	0.042	0.10	0.7	0.01	2.1	<0.1	1.33	4	4.0	1.1
2302628	Drill Core	42	2.89	0.052	3	15	0.68	94	0.002	<20	0.63	0.046	0.08	4.9	0.03	1.8	<0.1	1.69	3	7.5	0.7
2302629	Drill Core	95	3.84	0.079	4	18	1.51	95	0.002	<20	1.13	0.029	0.10	0.5	0.03	4.8	<0.1	2.02	6	10.4	2.1
2302630	Drill Core	51	2.76	0.149	7	19	1.15	97	0.001	<20	0.81	0.042	0.16	0.4	<0.01	5.3	<0.1	0.97	3	5.0	0.3
2302631	Drill Core	13	5.70	0.062	3	7	0.92	83	<0.001	<20	0.30	0.017	0.17	0.5	<0.01	1.7	<0.1	2.64	<1	2.0	0.7
2302632	Drill Core	39	3.35	0.169	7	14	0.95	89	0.001	<20	0.69	0.028	0.13	0.7	0.03	1.8	<0.1	1.71	3	3.9	0.8
2302633	Drill Core	30	3.04	0.072	3	12	0.71	117	<0.001	<20	0.54	0.028	0.11	0.8	0.02	1.6	<0.1	1.80	2	7.0	0.8
2302634	Drill Core	26	4.04	0.079	5	11	0.56	71	<0.001	<20	0.59	0.029	0.14	0.8	0.02	1.1	<0.1	2.05	2	0.6	0.5
2302635	Drill Core	36	2.82	0.080	5	13	0.81	131	0.002	<20	0.54	0.039	0.12	1.4	0.05	1.9	<0.1	1.35	2	3.7	0.2
2302636	Drill Core	36	3.45	0.130	7	12	1.20	129	<0.001	<20	0.85	0.028	0.19	1.3	0.02	2.5	<0.1	1.02	3	0.7	0.5
2302637	Rock Pulp	32	0.83	0.082	4	20	0.60	64	0.039	<20	1.75	0.053	0.29	1.0	0.05	2.5	0.2	2.16	5	4.6	0.7
2302638	Drill Core	28	3.31	0.059	4	10	0.61	97	<0.001	<20	0.58	0.034	0.13	0.3	0.09	1.3	<0.1	1.83	2	1.7	0.5
2302639	Rock	15	0.20	0.032	14	8	0.28	75	0.081	<20	0.61	0.072	0.31	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2

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Project: 204920

Report Date: October 21, 2013

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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
		0.02	0.02	0.005
2302610	Drill Core	0.43	1.39	0.432
2302611	Drill Core	0.22	0.89	0.143
2302612	Drill Core	0.24	1.42	0.434
2302613	Drill Core	0.25	1.54	0.624
2302614	Drill Core	0.27	1.25	0.382
2302615	Drill Core	0.33	1.26	0.957
2302616	Drill Core	0.32	2.05	0.765
2302617	Rock	0.02	<0.02	<0.005
2302618	Drill Core	0.47	1.57	0.799
2302619	Drill Core	0.44	1.63	0.213
2302620	Drill Core	0.41	1.15	0.460
2302621	Drill Core	0.25	1.37	0.231
2302622	Drill Core	0.30	1.36	1.105
2302623	Drill Core	0.39	1.57	0.362
2302624	Drill Core	0.34	0.99	0.197
2302625	Drill Core	0.53	1.63	1.474
2302626	Drill Core	0.62	1.49	1.026
2302627	Drill Core	0.33	1.37	1.121
2302628	Drill Core	0.33	1.73	0.545
2302629	Drill Core	0.62	2.19	2.003
2302630	Drill Core	0.84	1.06	0.444
2302631	Drill Core	1.35	2.77	0.143
2302632	Drill Core	0.54	1.70	0.544
2302633	Drill Core	0.44	1.84	1.012
2302634	Drill Core	0.45	1.96	0.186
2302635	Drill Core	0.56	1.39	0.490
2302636	Drill Core	1.02	1.11	0.220
2302637	Rock Pulp	0.15	2.10	0.308
2302638	Drill Core	0.40	1.80	0.423
2302639	Rock	0.03	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302640	Drill Core	4.26	0.097	0.112	<0.02	<0.01	<2	<0.001	<0.001	0.04	0.77	<0.02	0.04	<0.001	<0.01	<0.01	3.98	0.06	<0.001	0.56	5.18
2302641	Drill Core	5.02	0.017	0.096	<0.02	<0.01	<2	<0.001	<0.001	0.05	0.96	<0.02	0.03	<0.001	<0.01	<0.01	3.73	0.05	0.001	0.74	5.19
2302642	Drill Core	5.28	0.023	0.037	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.14	<0.02	0.04	<0.001	<0.01	<0.01	3.76	0.04	0.002	0.71	6.16
2302643	Drill Core	5.29	0.019	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.69	<0.02	0.05	<0.001	<0.01	<0.01	3.46	0.02	0.001	0.47	6.01
2302644	Drill Core	4.57	0.004	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	0.87	<0.02	0.03	<0.001	<0.01	<0.01	2.21	0.06	0.002	0.78	6.45
2302645	Drill Core	5.17	0.005	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.03	0.85	<0.02	0.03	<0.001	<0.01	<0.01	2.19	0.06	0.001	0.72	5.76
2302646	Drill Core	5.36	0.004	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.03	0.87	<0.02	0.03	<0.001	<0.01	<0.01	2.03	0.06	<0.001	0.74	6.08
2302647	Drill Core	5.42	0.006	0.056	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.06	<0.02	0.03	<0.001	<0.01	<0.01	1.80	0.06	0.001	1.01	5.28
2302648	Rock	6.35	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.36	<0.02	0.05	<0.001	<0.01	<0.01	1.27	0.03	<0.001	0.22	4.83
2302649	Drill Core	3.24	0.005	0.053	<0.02	<0.01	<2	<0.001	<0.001	0.03	0.91	<0.02	0.03	<0.001	<0.01	<0.01	2.04	0.04	0.001	0.69	4.72
2302650	Drill Core	4.18	0.021	0.159	<0.02	<0.01	2	<0.001	<0.001	0.03	1.08	<0.02	0.03	<0.001	<0.01	<0.01	2.36	0.05	0.001	0.83	5.03
2302651	Drill Core	5.15	0.007	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.59	<0.02	0.03	<0.001	<0.01	<0.01	1.20	0.04	<0.001	0.39	6.92
2302652	Drill Core	4.21	0.010	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.03	0.92	<0.02	0.02	<0.001	<0.01	<0.01	1.89	0.04	<0.001	0.61	5.31
2302653	Drill Core	3.58	0.003	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.18	<0.02	0.02	<0.001	<0.01	<0.01	1.11	0.05	0.001	0.84	5.40
2302654	Drill Core	3.10	0.004	0.204	<0.02	0.01	<2	0.002	<0.001	0.07	2.11	<0.02	0.03	<0.001	<0.01	<0.01	1.52	0.13	0.002	1.92	7.62
2302655	Drill Core	1.83	0.016	0.119	<0.02	<0.01	<2	0.001	<0.001	0.05	1.46	<0.02	0.03	<0.001	<0.01	<0.01	1.55	0.09	0.002	1.31	6.90
2302656	Drill Core	1.78	0.013	0.350	<0.02	<0.01	3	0.001	<0.001	0.05	1.81	<0.02	0.03	<0.001	<0.01	<0.01	1.60	0.10	0.002	1.44	7.29
2302657	Drill Core	4.86	0.003	0.066	<0.02	<0.01	<2	0.001	<0.001	0.04	1.16	<0.02	0.04	<0.001	<0.01	<0.01	1.64	0.08	0.001	0.98	6.95
2302658	Drill Core	4.54	0.001	0.091	<0.02	<0.01	2	0.001	<0.001	0.05	1.35	<0.02	0.05	<0.001	<0.01	<0.01	1.72	0.06	0.002	1.12	7.13
2302659	Rock Pulp	0.19	0.016	0.183	<0.02	<0.01	<2	0.001	<0.001	0.07	4.07	<0.02	0.07	<0.001	<0.01	<0.01	2.18	0.08	0.002	0.69	6.40
2302660	Drill Core	3.81	0.011	0.024	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.24	<0.02	0.05	<0.001	<0.01	<0.01	1.94	0.06	0.002	1.06	6.50
2302661	Drill Core	2.74	0.011	0.077	<0.02	<0.01	<2	0.001	<0.001	0.05	1.76	<0.02	0.04	<0.001	<0.01	<0.01	2.01	0.11	0.002	1.43	7.59
2302662	Drill Core	4.17	0.010	0.456	<0.02	<0.01	5	0.002	<0.001	0.05	3.07	<0.02	0.04	<0.001	<0.01	<0.01	2.97	0.12	0.002	1.79	8.04
2302663	Drill Core	4.40	0.017	0.065	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.33	<0.02	0.03	<0.001	<0.01	<0.01	1.31	0.05	0.002	0.96	5.60
2302664	Drill Core	3.57	0.011	0.005	<0.02	<0.01	<2	0.001	<0.001	0.04	1.32	<0.02	0.03	<0.001	<0.01	<0.01	1.62	0.05	0.001	1.24	5.99
2302665	Drill Core	4.74	0.028	0.120	<0.02	<0.01	<2	0.001	<0.001	0.04	1.86	<0.02	0.03	<0.001	<0.01	<0.01	1.49	0.11	0.002	1.74	7.44
2302666	Drill Core	4.09	0.010	0.144	<0.02	<0.01	2	0.001	<0.001	0.02	1.31	<0.02	0.03	<0.001	<0.01	<0.01	1.12	0.07	0.002	1.13	6.82
2302667	Drill Core	3.41	<0.001	0.045	<0.02	<0.01	<2	0.001	<0.001	0.04	1.82	<0.02	0.03	<0.001	<0.01	<0.01	1.33	0.06	0.002	1.22	6.62
2302668	Rock Pulp	0.18	0.016	0.183	<0.02	<0.01	<2	0.001	<0.001	0.07	4.09	<0.02	0.07	<0.001	<0.01	<0.01	2.17	0.08	0.002	0.68	6.10
2302669	Drill Core	5.25	0.005	0.198	<0.02	<0.01	17	<0.001	<0.001	0.02	1.20	<0.02	0.02	<0.001	<0.01	<0.01	1.06	0.06	0.002	0.89	5.83

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302640	Drill Core	3.09	1.79	<0.01	2.24	918.7	1199.6	9.6	23	0.8	3.6	1.8	367	0.66	1.3	202.7	2.4	258	<0.1	4.6	2.6
2302641	Drill Core	2.00	1.70	<0.01	1.84	170.6	1015.2	10.5	55	1.2	6.1	2.3	470	0.77	0.6	196.7	7.8	209	0.4	0.5	2.3
2302642	Drill Core	3.23	1.50	<0.01	2.07	235.1	381.8	27.5	32	0.8	4.8	2.7	446	0.95	<0.5	36.2	5.2	253	<0.1	0.2	2.0
2302643	Drill Core	4.17	1.75	<0.01	2.30	174.9	346.1	2.9	25	0.3	4.0	1.2	224	0.62	<0.5	22.5	3.2	289	<0.1	1.1	0.6
2302644	Drill Core	4.33	0.90	<0.01	0.93	43.7	165.7	2.2	43	0.2	6.5	2.2	345	0.81	0.9	36.5	2.0	119	<0.1	0.4	0.3
2302645	Drill Core	4.28	0.81	<0.01	1.11	54.8	107.8	1.9	46	0.1	7.4	2.3	293	0.76	1.0	31.8	2.2	161	<0.1	0.5	0.2
2302646	Drill Core	4.40	1.08	<0.01	0.97	41.0	306.7	2.2	52	0.3	6.9	2.3	303	0.86	0.9	297.4	3.0	155	0.1	0.8	0.3
2302647	Drill Core	3.79	1.46	<0.01	1.01	61.6	567.4	2.5	70	0.4	9.6	3.3	393	1.03	1.0	75.0	1.7	213	<0.1	2.7	1.2
2302648	Rock	2.71	2.11	<0.01	<0.05	0.9	10.9	2.0	60	<0.1	1.2	2.2	335	1.46	<0.5	<0.5	7.5	22	<0.1	<0.1	<0.1
2302649	Drill Core	3.49	1.14	<0.01	1.01	47.9	510.8	2.3	41	0.3	6.1	1.8	295	0.92	1.4	44.7	2.6	194	<0.1	2.7	1.0
2302650	Drill Core	2.66	1.83	<0.01	0.75	211.8	1613.9	3.5	30	2.5	6.1	2.4	334	0.89	<0.5	284.2	2.4	170	<0.1	0.5	2.8
2302651	Drill Core	5.03	0.85	<0.01	0.20	81.4	73.7	1.2	14	0.1	2.8	1.3	182	0.56	1.3	14.1	2.2	47	<0.1	0.5	0.4
2302652	Drill Core	3.02	1.16	<0.01	<0.05	92.5	3.1	1.4	20	<0.1	5.2	2.1	349	0.76	0.7	4.0	5.7	45	<0.1	<0.1	1.0
2302653	Drill Core	2.81	1.42	<0.01	<0.05	29.1	81.9	1.0	34	0.2	8.5	3.5	322	0.99	0.7	19.4	10.5	41	<0.1	0.2	1.2
2302654	Drill Core	3.32	1.49	<0.01	0.15	40.6	2100.7	2.8	114	1.5	18.6	8.8	707	1.89	2.1	341.2	2.0	64	<0.1	0.7	4.3
2302655	Drill Core	3.55	1.42	<0.01	0.13	155.2	1264.1	1.7	68	1.4	12.7	5.4	519	1.35	1.3	215.0	4.2	64	<0.1	0.8	3.8
2302656	Drill Core	3.44	1.20	<0.01	0.34	105.1	3605.9	7.9	84	3.5	14.9	6.5	551	1.73	1.2	582.7	4.8	83	<0.1	1.9	16.5
2302657	Drill Core	3.65	1.66	<0.01	0.24	26.5	680.2	1.2	53	0.4	9.1	4.3	415	1.05	1.1	111.3	3.9	103	<0.1	0.3	1.5
2302658	Drill Core	3.94	1.01	<0.01	0.51	13.8	937.0	1.3	53	0.8	11.4	4.7	543	1.21	1.1	116.0	2.4	157	<0.1	0.1	1.1
2302659	Rock Pulp	2.71	1.32	<0.01	0.26	170.5	1905.1	4.9	75	0.6	15.9	8.3	633	3.74	2.5	279.5	3.9	66	<0.1	0.3	0.2
2302660	Drill Core	3.36	1.01	<0.01	0.50	110.6	240.7	1.2	50	0.2	9.7	3.8	446	1.05	1.0	38.2	4.2	306	<0.1	0.2	0.8
2302661	Drill Core	4.24	1.10	<0.01	0.26	123.9	799.3	2.0	45	0.7	14.0	5.3	455	1.62	2.1	124.9	4.5	70	<0.1	0.3	1.1
2302662	Drill Core	3.73	1.01	<0.01	0.46	93.1	4560.2	2.7	48	4.1	14.3	7.9	527	2.72	2.0	454.6	1.3	86	<0.1	0.4	4.7
2302663	Drill Core	2.86	1.39	<0.01	0.14	166.3	649.3	1.9	28	0.7	9.9	3.5	286	1.12	1.0	136.5	8.6	75	<0.1	0.5	1.7
2302664	Drill Core	3.71	1.00	<0.01	0.52	110.9	54.3	0.7	34	<0.1	10.2	4.8	331	1.15	<0.5	2.2	4.2	98	<0.1	0.2	0.4
2302665	Drill Core	4.26	1.04	<0.01	0.11	276.8	1268.6	1.3	46	1.2	13.2	6.7	379	1.77	0.6	214.6	3.0	49	<0.1	0.1	1.8
2302666	Drill Core	3.95	1.51	<0.01	0.09	97.0	1461.3	1.8	24	1.4	10.6	4.3	239	1.24	0.7	194.5	2.4	52	<0.1	0.6	1.9
2302667	Drill Core	4.12	1.05	<0.01	<0.05	7.0	456.1	1.0	33	0.4	10.7	5.9	363	1.57	<0.5	128.4	2.9	32	<0.1	0.2	1.4
2302668	Rock Pulp	2.74	1.43	<0.01	0.26	166.0	1829.7	4.9	76	0.6	16.2	7.9	603	3.67	2.9	231.0	4.0	67	0.2	0.3	0.2
2302669	Drill Core	3.80	1.25	<0.01	0.09	49.5	2005.7	1.6	23	1.6	9.3	3.5	234	1.14	<0.5	143.9	4.0	46	<0.1	0.1	1.8

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2302640	Drill Core	11	4.10	0.066	3	7	0.42	82	<0.001	<20	0.36	0.029	0.16	0.3	0.01	0.8	<0.1	2.29	1	2.2	0.5
2302641	Drill Core	16	3.72	0.053	3	9	0.51	58	<0.001	<20	0.37	0.016	0.13	0.3	0.03	1.2	<0.1	1.77	1	0.9	<0.2
2302642	Drill Core	16	3.82	0.040	5	11	0.55	73	<0.001	<20	0.51	0.030	0.14	0.4	<0.01	1.1	<0.1	2.02	2	1.3	0.6
2302643	Drill Core	11	3.36	0.019	2	10	0.39	54	<0.001	<20	0.28	0.035	0.10	0.2	<0.01	0.8	<0.1	2.16	1	<0.5	<0.2
2302644	Drill Core	24	2.12	0.061	5	21	0.71	179	0.002	<20	0.49	0.046	0.08	0.3	<0.01	2.4	<0.1	0.85	2	<0.5	<0.2
2302645	Drill Core	33	2.21	0.059	4	17	0.68	157	0.001	<20	0.57	0.045	0.06	0.2	<0.01	1.8	<0.1	1.04	3	<0.5	<0.2
2302646	Drill Core	38	2.06	0.062	3	17	0.73	182	0.002	<20	0.62	0.051	0.07	0.2	<0.01	1.8	<0.1	0.95	4	<0.5	<0.2
2302647	Drill Core	49	1.86	0.058	3	21	0.95	214	0.002	<20	0.76	0.041	0.07	0.2	<0.01	2.1	<0.1	0.96	4	<0.5	<0.2
2302648	Rock	14	0.26	0.032	13	7	0.25	62	0.071	<20	0.55	0.061	0.26	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
2302649	Drill Core	32	2.01	0.044	2	16	0.63	195	<0.001	<20	0.36	0.039	0.06	0.1	0.02	1.4	<0.1	0.99	2	<0.5	<0.2
2302650	Drill Core	15	2.41	0.059	4	6	0.67	228	<0.001	<20	0.23	0.029	0.14	0.3	0.02	1.1	<0.1	0.72	<1	1.8	0.5
2302651	Drill Core	8	1.06	0.036	3	8	0.32	130	<0.001	<20	0.22	0.065	0.08	0.2	<0.01	0.9	<0.1	0.19	<1	<0.5	<0.2
2302652	Drill Core	10	1.84	0.038	6	9	0.49	39	<0.001	<20	0.28	0.042	0.12	0.6	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2
2302653	Drill Core	19	1.15	0.050	7	12	0.71	48	<0.001	<20	0.43	0.037	0.14	0.3	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
2302654	Drill Core	72	1.38	0.137	9	18	1.73	153	0.001	<20	1.32	0.038	0.15	0.4	<0.01	3.7	<0.1	0.14	6	0.8	0.6
2302655	Drill Core	43	1.51	0.101	8	15	1.21	130	<0.001	<20	0.76	0.042	0.12	0.3	<0.01	2.9	<0.1	0.13	3	1.2	0.3
2302656	Drill Core	52	1.46	0.098	7	16	1.33	300	0.001	<20	0.86	0.043	0.11	0.4	<0.01	3.1	<0.1	0.32	4	4.1	1.7
2302657	Drill Core	26	1.59	0.080	7	15	0.87	249	<0.001	<20	0.48	0.048	0.12	0.3	<0.01	2.0	<0.1	0.23	2	<0.5	0.3
2302658	Drill Core	31	1.53	0.061	6	23	1.02	307	0.002	<20	0.85	0.045	0.11	0.2	<0.01	2.1	<0.1	0.52	10	0.9	<0.2
2302659	Rock Pulp	58	1.19	0.077	13	22	0.69	188	0.091	<20	1.09	0.072	0.47	0.1	0.02	3.8	0.2	0.28	12	1.3	<0.2
2302660	Drill Core	23	1.85	0.058	6	14	0.89	839	<0.001	<20	0.77	0.038	0.12	0.6	<0.01	1.7	<0.1	0.50	10	<0.5	<0.2
2302661	Drill Core	73	1.76	0.108	8	19	1.39	77	0.024	<20	1.16	0.056	0.12	0.8	<0.01	4.4	<0.1	0.26	12	0.7	<0.2
2302662	Drill Core	117	2.11	0.117	8	21	1.68	71	0.049	<20	1.58	0.068	0.14	1.0	0.05	6.1	<0.1	0.47	13	2.2	0.5
2302663	Drill Core	46	1.33	0.052	7	17	0.85	220	0.008	<20	0.79	0.037	0.14	1.6	0.01	1.9	<0.1	0.15	10	0.5	<0.2
2302664	Drill Core	42	1.58	0.046	6	20	1.06	102	0.002	<20	0.92	0.043	0.09	0.8	<0.01	2.6	<0.1	0.51	9	<0.5	<0.2
2302665	Drill Core	77	1.40	0.109	9	22	1.68	122	0.024	<20	1.43	0.052	0.11	1.5	0.02	4.5	<0.1	0.12	12	0.9	0.5
2302666	Drill Core	54	1.13	0.064	7	21	1.08	176	0.011	<20	0.89	0.051	0.10	1.0	<0.01	2.8	<0.1	0.10	9	1.2	<0.2
2302667	Drill Core	48	1.30	0.062	8	23	1.12	56	0.003	<20	1.10	0.054	0.11	4.8	0.06	2.6	<0.1	<0.05	9	0.5	0.3
2302668	Rock Pulp	57	1.17	0.075	13	22	0.68	181	0.087	<20	1.06	0.071	0.46	0.1	0.03	3.6	0.2	0.28	8	0.6	<0.2
2302669	Drill Core	38	1.20	0.055	8	20	0.85	207	0.010	<20	0.77	0.048	0.11	0.4	<0.01	2.1	<0.1	0.12	7	2.0	<0.2

CERTIFICATE OF ANALYSIS

SMI13000337.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2302640	Drill Core	0.56	2.22	0.358
2302641	Drill Core	0.61	1.78	0.364
2302642	Drill Core	0.48	2.02	0.034
2302643	Drill Core	0.31	2.17	0.036
2302644	Drill Core	0.41	0.90	0.035
2302645	Drill Core	0.23	1.10	0.019
2302646	Drill Core	0.22	0.99	0.071
2302647	Drill Core	0.22	1.04	0.057
2302648	Rock	<0.02	<0.02	<0.005
2302649	Drill Core	0.39	1.03	0.139
2302650	Drill Core	0.89	0.73	0.400
2302651	Drill Core	0.39	0.19	0.022
2302652	Drill Core	0.79	<0.02	0.008
2302653	Drill Core	0.59	<0.02	0.031
2302654	Drill Core	0.71	0.17	0.444
2302655	Drill Core	0.77	0.13	0.209
2302656	Drill Core	0.72	0.40	1.053
2302657	Drill Core	0.76	0.25	0.138
2302658	Drill Core	0.39	0.51	0.151
2302659	Rock Pulp	0.32	0.28	0.272
2302660	Drill Core	0.50	0.50	0.084
2302661	Drill Core	0.45	0.26	0.163
2302662	Drill Core	0.50	0.49	1.035
2302663	Drill Core	0.39	0.14	0.143
2302664	Drill Core	0.29	0.51	0.007
2302665	Drill Core	0.36	0.12	0.269
2302666	Drill Core	0.32	0.09	0.152
2302667	Drill Core	0.36	0.03	0.081
2302668	Rock Pulp	0.33	0.27	0.320
2302669	Drill Core	0.36	0.12	0.653



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Project: 204920
 Report Date: October 21, 2013

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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302670	Drill Core	2.96	0.001	0.097	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.13	<0.02	0.02	<0.001	<0.01	<0.01	1.06	0.04	0.002	0.83	5.60



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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302670	Drill Core	3.67	1.24	<0.01	0.06	18.1	1009.5	1.2	19	0.8	9.5	3.3	184	1.10	0.8	68.3	6.2	48	<0.1	<0.1	1.0



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Project: 204920
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CERTIFICATE OF ANALYSIS

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2302670	Drill Core	43	1.14	0.041	8	18	0.85	173	0.024	<20	0.71	0.057	0.10	0.4	<0.01	2.5	<0.1	0.07	7	<0.5	0.3



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CERTIFICATE OF ANALYSIS

SMI13000337.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2302670	Drill Core	0.33	0.07	0.189

QUALITY CONTROL REPORT

SMI13000337.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pulp Duplicates																					
2302520	Drill Core	5.79	<0.001	0.007	<0.02	<0.01	<2	0.006	0.002	0.14	7.03	<0.02	0.04	<0.001	<0.01	<0.01	8.32	0.07	0.008	3.45	8.91
REP 2302520	QC																				
2302521	Drill Core	6.94	<0.001	0.086	<0.02	<0.01	<2	<0.001	<0.001	0.04	0.88	<0.02	0.02	<0.001	<0.01	<0.01	2.10	0.05	0.001	0.76	5.64
REP 2302521	QC																				
2302536	Drill Core	4.86	<0.001	0.025	<0.02	0.01	<2	<0.001	<0.001	0.13	5.81	<0.02	0.04	<0.001	<0.01	<0.01	3.52	0.14	0.002	2.15	8.03
REP 2302536	QC																				
2302537	Drill Core	6.10	<0.001	0.014	<0.02	0.01	<2	<0.001	<0.001	0.10	5.06	<0.02	0.06	<0.001	<0.01	<0.01	3.64	0.13	0.002	1.84	7.69
REP 2302537	QC		<0.001	0.015	<0.02	0.01	<2	<0.001	<0.001	0.10	4.94	<0.02	0.06	<0.001	<0.01	<0.01	3.56	0.13	0.002	1.79	7.57
2302545	Drill Core	3.41	0.001	0.119	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.62	<0.02	0.04	<0.001	<0.01	<0.01	2.28	0.09	0.002	1.30	6.31
REP 2302545	QC																				
2302555	Drill Core	6.84	0.021	0.148	<0.02	<0.01	<2	0.001	<0.001	0.06	1.93	<0.02	0.02	<0.001	<0.01	<0.01	1.63	0.06	0.002	1.19	7.81
REP 2302555	QC																				
2302556	Drill Core	9.98	0.030	0.185	<0.02	<0.01	<2	0.001	<0.001	0.06	1.50	<0.02	0.02	<0.001	<0.01	<0.01	2.32	0.05	0.002	0.87	6.31
REP 2302556	QC																				
2302572	Drill Core	6.15	0.019	0.211	<0.02	<0.01	<2	0.001	<0.001	0.04	1.39	<0.02	0.04	<0.001	<0.01	<0.01	1.69	0.05	0.001	0.71	7.25
REP 2302572	QC		0.018	0.209	<0.02	<0.01	<2	0.001	<0.001	0.04	1.37	<0.02	0.04	<0.001	<0.01	<0.01	1.69	0.05	0.001	0.70	7.31
2302590	Drill Core	6.14	0.010	0.280	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.62	<0.02	0.04	<0.001	<0.01	<0.01	1.81	0.07	<0.001	0.81	5.74
REP 2302590	QC																				
2302591	Drill Core	4.52	<0.001	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.66	<0.02	0.04	<0.001	<0.01	<0.01	1.73	0.06	<0.001	0.73	5.66
REP 2302591	QC																				
2302607	Drill Core	9.56	0.019	0.710	<0.02	<0.01	7	0.002	<0.001	0.05	2.49	<0.02	0.04	<0.001	<0.01	<0.01	3.87	0.10	0.005	1.94	7.25
REP 2302607	QC		0.019	0.720	<0.02	<0.01	7	0.002	0.001	0.05	2.53	<0.02	0.04	<0.001	<0.01	<0.01	3.88	0.10	0.006	1.98	7.33
2302625	Drill Core	3.05	0.006	0.711	<0.02	<0.01	8	0.001	<0.001	0.07	1.74	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.08	0.002	1.20	5.07
REP 2302625	QC																				
2302626	Drill Core	2.74	0.004	0.670	<0.02	<0.01	8	0.002	<0.001	0.07	1.81	<0.02	0.03	<0.001	<0.01	<0.01	3.41	0.08	0.002	1.31	5.82
REP 2302626	QC																				
REP 2302643	QC		0.016	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.67	<0.02	0.04	<0.001	<0.01	<0.01	3.26	0.02	<0.001	0.45	5.45
2302670	Drill Core	2.96	0.001	0.097	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.13	<0.02	0.02	<0.001	<0.01	<0.01	1.06	0.04	0.002	0.83	5.60

QUALITY CONTROL REPORT

SMI13000337.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
2302520	Drill Core	1.76	0.40	<0.01	<0.05	0.5	71.6	1.7	54	<0.1	43.0	22.3	742	4.04	5.5	1.6	0.3	90	<0.1	0.4	<0.1	
REP 2302520	QC																					
2302521	Drill Core	3.41	1.58	<0.01	0.08	1.3	856.8	1.4	28	0.5	7.5	2.4	328	0.71	1.6	19.6	2.6	17	<0.1	0.2	0.1	
REP 2302521	QC					1.5	875.3	1.4	29	0.5	7.1	2.4	330	0.71	1.1	16.0	2.5	18	<0.1	0.2	0.1	
2302536	Drill Core	3.76	0.90	<0.01	<0.05	1.3	278.9	4.4	135	0.4	7.8	21.9	1278	5.32	2.3	6.3	0.9	41	0.2	0.4	0.5	
REP 2302536	QC																					
2302537	Drill Core	3.09	1.82	<0.01	<0.05	1.9	160.4	4.6	102	0.5	8.3	18.2	1083	4.88	3.2	1.3	1.1	56	0.2	1.1	0.1	
REP 2302537	QC	3.02	1.75	<0.01	<0.05																	
2302545	Drill Core	4.08	1.13	<0.01	0.08	10.2	1178.0	2.2	53	0.7	6.7	13.0	598	3.21	3.5	9.2	2.3	64	<0.1	0.7	0.3	
REP 2302545	QC																					
2302555	Drill Core	3.15	2.25	<0.01	0.16	207.0	1520.0	4.0	46	1.2	11.8	6.2	534	1.60	2.5	20.8	2.4	13	0.2	0.9	2.5	
REP 2302555	QC																					
2302556	Drill Core	3.01	2.01	<0.01	0.19	299.4	1861.5	4.0	44	1.0	8.3	3.7	552	1.22	<0.5	33.5	4.1	11	<0.1	0.4	1.9	
REP 2302556	QC					299.2	1854.4	4.2	46	1.1	8.4	3.8	558	1.24	<0.5	27.2	4.1	11	0.1	0.4	2.1	
2302572	Drill Core	3.58	2.53	<0.01	0.18	184.4	2097.8	2.2	34	2.3	8.6	3.5	367	1.18	0.7	164.8	2.2	26	<0.1	0.1	1.7	
REP 2302572	QC	3.56	2.49	<0.01	0.18																	
2302590	Drill Core	4.01	1.65	<0.01	0.48	96.4	2896.7	3.0	35	1.8	8.9	5.1	402	1.51	<0.5	172.4	1.6	98	<0.1	0.1	21.2	
REP 2302590	QC																					
2302591	Drill Core	4.23	1.78	<0.01	0.35	8.1	1489.1	2.8	30	0.6	8.4	4.3	412	1.59	0.6	197.6	1.6	82	<0.1	<0.1	13.4	
REP 2302591	QC					8.3	1457.2	2.6	30	0.6	7.6	4.2	405	1.58	<0.5	68.9	1.7	84	<0.1	<0.1	13.3	
2302607	Drill Core	3.79	1.35	0.01	1.59	148.9	7167.4	5.1	54	7.6	21.6	8.9	475	2.35	0.8	571.1	1.2	163	0.1	1.2	16.5	
REP 2302607	QC	3.83	1.46	0.01	1.63																	
2302625	Drill Core	3.63	0.86	<0.01	1.55	39.7	6951.6	6.9	61	7.8	11.7	5.0	700	1.68	2.5	924.3	2.1	108	0.4	8.9	13.5	
REP 2302625	QC																					
2302626	Drill Core	3.51	0.89	<0.01	1.40	28.2	6708.7	5.7	63	6.9	13.4	5.1	750	1.75	0.7	1244.6	1.9	106	0.4	5.2	10.8	
REP 2302626	QC					28.2	6637.6	5.7	64	9.4	12.4	4.7	745	1.76	0.9	1002.3	1.8	100	0.3	5.1	11.2	
REP 2302643	QC	3.92	1.64	<0.01	2.08																	
2302670	Drill Core	3.67	1.24	<0.01	0.06	18.1	1009.5	1.2	19	0.8	9.5	3.3	184	1.10	0.8	68.3	6.2	48	<0.1	<0.1	1.0	

QUALITY CONTROL REPORT

SMI13000337.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2302520 Drill Core	101	3.61	0.054	3	21	2.05	39	0.252	<20	4.27	0.378	0.05	0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2	
REP 2302520 QC																					
2302521 Drill Core	24	2.10	0.054	5	15	0.56	112	0.004	<20	0.74	0.053	0.20	1.1	<0.01	1.5	<0.1	0.09	3	<0.5	<0.2	
REP 2302521 QC	24	2.09	0.050	5	15	0.57	124	0.004	<20	0.75	0.054	0.20	1.3	0.01	1.5	<0.1	0.09	3	<0.5	<0.2	
2302536 Drill Core	137	3.24	0.120	16	17	2.18	342	0.014	<20	2.68	0.045	0.09	0.1	<0.01	9.2	<0.1	<0.05	12	<0.5	<0.2	
REP 2302536 QC																					
2302537 Drill Core	146	2.89	0.119	15	23	2.01	144	0.238	<20	2.44	0.066	0.11	1.9	<0.01	8.9	<0.1	<0.05	11	<0.5	<0.2	
REP 2302537 QC																					
2302545 Drill Core	84	1.35	0.079	9	15	1.40	64	0.197	<20	1.66	0.065	0.05	4.4	<0.01	5.8	<0.1	0.08	7	<0.5	<0.2	
REP 2302545 QC																					
2302555 Drill Core	43	1.38	0.049	3	21	0.99	85	0.059	<20	1.15	0.039	0.22	10.4	0.01	2.8	<0.1	0.17	4	1.1	<0.2	
REP 2302555 QC																					
2302556 Drill Core	30	2.13	0.040	5	17	0.68	29	0.028	<20	0.83	0.030	0.18	4.9	0.02	1.9	<0.1	0.21	3	1.3	0.2	
REP 2302556 QC	31	2.15	0.038	5	17	0.69	30	0.028	<20	0.85	0.031	0.19	5.4	<0.01	1.9	<0.1	0.21	3	1.2	<0.2	
2302572 Drill Core	25	1.40	0.051	7	18	0.60	277	0.004	<20	0.74	0.052	0.16	0.7	0.02	1.7	<0.1	0.19	3	3.0	0.2	
REP 2302572 QC																					
2302590 Drill Core	37	1.87	0.063	8	16	0.76	334	0.001	<20	0.92	0.041	0.13	8.4	<0.01	2.6	<0.1	0.49	7	1.7	0.7	
REP 2302590 QC																					
2302591 Drill Core	37	1.75	0.053	9	16	0.73	325	0.002	<20	0.79	0.051	0.10	6.4	0.01	2.7	<0.1	0.38	7	0.8	0.3	
REP 2302591 QC	35	1.72	0.054	9	15	0.72	321	0.002	<20	0.77	0.050	0.10	5.9	0.01	2.7	<0.1	0.37	7	0.8	0.3	
2302607 Drill Core	140	3.50	0.078	5	77	1.92	87	0.041	<20	1.40	0.035	0.04	60.6	0.04	9.2	<0.1	1.57	10	4.2	0.6	
REP 2302607 QC																					
2302625 Drill Core	76	3.21	0.088	4	19	1.15	77	0.011	<20	1.01	0.041	0.10	0.5	0.05	4.4	<0.1	1.51	5	7.1	2.1	
REP 2302625 QC																					
2302626 Drill Core	93	3.33	0.088	5	22	1.24	79	0.011	<20	1.07	0.041	0.10	0.5	0.06	5.8	<0.1	1.35	5	7.4	1.5	
REP 2302626 QC	92	3.35	0.086	5	22	1.25	82	0.012	<20	1.07	0.041	0.10	0.8	0.03	5.9	<0.1	1.37	5	8.0	1.7	
REP 2302643 QC																					
2302670 Drill Core	43	1.14	0.041	8	18	0.85	173	0.024	<20	0.71	0.057	0.10	0.4	<0.01	2.5	<0.1	0.07	7	<0.5	0.3	

QUALITY CONTROL REPORT

SMI13000337.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
Pulp Duplicates				
2302520	Drill Core	0.36	0.05	0.006
REP 2302520	QC	0.36	0.05	
2302521	Drill Core	0.57	0.09	0.019
REP 2302521	QC			
2302536	Drill Core	0.96	0.04	0.012
REP 2302536	QC			0.012
2302537	Drill Core	0.66	<0.02	0.005
REP 2302537	QC			
2302545	Drill Core	0.22	0.10	0.021
REP 2302545	QC			0.023
2302555	Drill Core	0.32	0.18	0.029
REP 2302555	QC	0.32	0.18	
2302556	Drill Core	0.61	0.22	0.080
REP 2302556	QC			
2302572	Drill Core	0.37	0.19	0.145
REP 2302572	QC			
2302590	Drill Core	0.51	0.50	0.303
REP 2302590	QC	0.50	0.51	
2302591	Drill Core	0.48	0.41	0.068
REP 2302591	QC			
2302607	Drill Core	0.53	1.63	0.537
REP 2302607	QC			
2302625	Drill Core	0.53	1.63	1.474
REP 2302625	QC	0.51	1.64	
2302626	Drill Core	0.62	1.49	1.026
REP 2302626	QC			
REP 2302643	QC			
2302670	Drill Core	0.33	0.07	0.189

QUALITY CONTROL REPORT

SMI13000337.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
REP 2302670	QC		0.001	0.094	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.08	<0.02	0.02	<0.001	<0.01	<0.01	0.97	0.04	0.002	0.79	4.83
Core Reject Duplicates																					
2302529	Drill Core	3.87	0.004	0.236	<0.02	<0.01	3	<0.001	<0.001	0.04	1.39	<0.02	0.02	<0.001	<0.01	<0.01	1.96	0.06	0.001	0.75	6.32
DUP 2302529	QC		0.004	0.242	<0.02	<0.01	2	<0.001	<0.001	0.05	1.42	<0.02	0.02	<0.001	<0.01	<0.01	1.96	0.06	<0.001	0.77	6.11
2302567	Drill Core	7.07	0.014	0.415	<0.02	<0.01	2	<0.001	<0.001	0.06	2.02	<0.02	0.02	<0.001	<0.01	<0.01	1.89	0.05	0.001	0.52	5.19
DUP 2302567	QC		0.014	0.405	<0.02	<0.01	2	<0.001	<0.001	0.05	2.00	<0.02	0.02	<0.001	<0.01	<0.01	1.84	0.05	0.001	0.53	5.37
2302605	Drill Core	6.04	0.027	0.219	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.41	<0.02	0.04	<0.001	<0.01	<0.01	2.13	0.07	0.002	0.94	7.23
DUP 2302605	QC		0.027	0.207	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.40	<0.02	0.04	<0.001	<0.01	<0.01	2.18	0.07	0.002	0.96	7.05
2302643	Drill Core	5.29	0.019	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.69	<0.02	0.05	<0.001	<0.01	<0.01	3.46	0.02	0.001	0.47	6.01
DUP 2302643	QC		0.016	0.033	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.73	<0.02	0.04	<0.001	<0.01	<0.01	3.22	0.02	0.001	0.46	5.98
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.212	0.48	3.08	44	0.002	0.017	0.09	17.61	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	0.001	1.28	4.21
STD CDN-ME-9	Standard		<0.001	0.648	<0.02	0.01	4	0.898	0.017	0.12	13.58	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.06	0.028	3.99	6.49
STD CDN-ME-14	Standard		0.001	1.227	0.48	3.12	44	0.002	0.018	0.08	17.74	<0.02	<0.01	0.009	<0.01	<0.01	0.73	0.02	0.001	1.27	4.05
STD CDN-ME-9	Standard		<0.001	0.657	<0.02	0.01	5	0.927	0.017	0.12	13.77	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.06	0.029	4.02	6.49
STD CDN-ME-14	Standard		0.002	1.251	0.47	3.07	43	0.002	0.017	0.09	17.48	<0.02	<0.01	0.010	<0.01	0.01	0.73	0.02	0.001	1.26	4.26
STD CDN-ME-9	Standard		<0.001	0.663	<0.02	0.01	3	0.907	0.017	0.12	13.62	<0.02	0.03	<0.001	<0.01	<0.01	4.12	0.07	0.027	3.98	6.64
STD CDN-ME-14	Standard		0.002	1.232	0.47	3.02	43	0.001	0.017	0.09	17.19	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.02	0.002	1.25	4.25
STD CDN-ME-9	Standard		<0.001	0.657	<0.02	0.01	3	0.909	0.018	0.12	13.54	<0.02	0.03	<0.001	<0.01	<0.01	4.12	0.07	0.028	3.97	6.62
STD CDN-ME-14	Standard		0.001	1.210	0.49	3.07	44	0.002	0.017	0.08	17.43	<0.02	<0.01	0.009	<0.01	<0.01	0.69	0.02	0.002	1.26	3.86
STD CDN-ME-9	Standard		<0.001	0.639	<0.02	0.01	4	0.903	0.017	0.12	13.59	<0.02	0.03	<0.001	<0.01	<0.01	4.07	0.06	0.029	3.97	6.33
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				

QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
REP 2302670	QC	3.62	1.35	<0.01	0.06	18.1	1010.6	1.1	20	0.8	8.4	3.2	183	1.10	0.6	97.6	5.4	46	<0.1	<0.1	1.0
Core Reject Duplicates																					
2302529	Drill Core	3.12	1.61	<0.01	0.28	39.5	2328.0	6.9	37	2.2	7.4	3.8	423	1.15	1.0	30.4	2.4	21	0.1	0.3	1.0
DUP 2302529	QC	3.12	1.64	<0.01	0.28	44.5	2435.9	7.9	35	2.4	7.1	4.2	435	1.21	0.9	21.7	2.4	25	<0.1	0.4	1.1
2302567	Drill Core	2.10	3.00	<0.01	0.59	130.8	4358.0	4.2	32	2.6	4.6	5.7	519	1.72	<0.5	86.8	3.6	14	<0.1	0.1	3.8
DUP 2302567	QC	2.17	2.90	<0.01	0.62	128.6	4212.3	4.8	33	2.8	4.5	5.9	508	1.70	<0.5	96.6	3.6	15	<0.1	0.1	4.3
2302605	Drill Core	4.29	2.27	<0.01	0.91	270.5	2140.4	1.4	25	1.7	9.6	4.1	216	1.30	0.9	165.7	2.0	90	<0.1	0.3	5.6
DUP 2302605	QC	4.31	2.36	<0.01	0.92	254.6	2066.4	1.3	26	1.7	10.0	4.4	222	1.29	1.0	67.5	2.0	96	<0.1	0.2	5.3
2302643	Drill Core	4.17	1.75	<0.01	2.30	174.9	346.1	2.9	25	0.3	4.0	1.2	224	0.62	<0.5	22.5	3.2	289	<0.1	1.1	0.6
DUP 2302643	QC	4.01	1.70	<0.01	2.04	192.4	339.6	2.8	23	0.3	3.3	1.4	232	0.68	<0.5	23.7	2.7	298	<0.1	1.4	0.6
Reference Materials																					
STD CDN-ME-14	Standard	0.51	1.64	<0.01	15.61																
STD CDN-ME-9	Standard	1.75	0.64	<0.01	2.58																
STD CDN-ME-14	Standard	0.50	1.61	<0.01	15.93																
STD CDN-ME-9	Standard	1.71	0.61	<0.01	2.55																
STD CDN-ME-14	Standard	0.53	1.69	<0.01	15.98																
STD CDN-ME-9	Standard	1.88	0.62	<0.01	2.55																
STD CDN-ME-14	Standard	0.52	1.69	<0.01	15.55																
STD CDN-ME-9	Standard	1.86	0.63	<0.01	2.48																
STD CDN-ME-14	Standard	0.50	1.55	<0.01	15.68																
STD CDN-ME-9	Standard	1.69	0.61	<0.01	2.58																
STD DS10	Standard					12.7	154.7	144.9	338	1.9	75.5	13.7	869	2.73	41.3	65.6	5.4	53	2.3	5.7	9.0
STD DS10	Standard					12.4	157.9	160.4	369	2.3	76.2	13.4	880	2.75	45.7	138.0	8.2	68	2.2	8.0	12.2
STD DS10	Standard					15.8	171.9	171.8	381	2.3	82.0	14.2	909	2.92	47.0	71.7	7.6	66	2.6	6.1	11.3
STD DS10	Standard					13.9	145.7	145.6	359	2.7	70.4	12.7	888	2.78	43.0	87.6	6.3	61	2.3	5.4	10.6
STD DS10	Standard					11.8	155.3	144.0	360	2.0	74.7	12.5	894	2.78	45.9	74.8	6.6	62	2.5	6.3	11.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				



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Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 21, 2013

Page: 2 of 5

Part: 3 of 4

QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
REP 2302670	QC	43	1.13	0.040	7	17	0.84	172	0.024	<20	0.70	0.054	0.10	0.4	<0.01	2.5	<0.1	0.07	7	1.0	0.2
Core Reject Duplicates																					
2302529	Drill Core	23	1.93	0.056	6	15	0.60	326	0.001	<20	0.84	0.041	0.19	1.4	0.01	1.6	<0.1	0.28	3	1.7	<0.2
DUP 2302529	QC	23	2.01	0.052	6	14	0.61	365	0.001	<20	0.87	0.043	0.19	2.0	<0.01	1.7	<0.1	0.29	3	2.8	<0.2
2302567	Drill Core	24	1.98	0.045	10	8	0.40	147	0.003	<20	0.62	0.026	0.20	1.2	0.02	1.7	<0.1	0.67	3	3.3	0.2
DUP 2302567	QC	25	1.88	0.045	10	8	0.41	166	0.003	<20	0.73	0.035	0.26	0.9	0.02	1.9	<0.1	0.67	3	3.2	0.3
2302605	Drill Core	60	1.88	0.057	6	27	0.90	64	0.025	<20	0.74	0.044	0.06	15.5	<0.01	3.4	<0.1	0.88	8	1.1	0.4
DUP 2302605	QC	62	1.97	0.061	6	29	0.93	62	0.029	<20	0.77	0.044	0.06	12.5	<0.01	3.5	<0.1	0.90	9	0.6	0.4
2302643	Drill Core	11	3.36	0.019	2	10	0.39	54	<0.001	<20	0.28	0.035	0.10	0.2	<0.01	0.8	<0.1	2.16	1	<0.5	<0.2
DUP 2302643	QC	11	3.26	0.022	2	10	0.39	75	<0.001	<20	0.26	0.033	0.09	0.1	<0.01	0.7	<0.1	2.06	1	0.8	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	42	1.05	0.070	14	54	0.77	369	0.068	<20	1.02	0.063	0.32	2.4	0.31	2.8	4.7	0.27	4	2.1	4.9
STD DS10	Standard	44	1.07	0.073	17	55	0.77	380	0.075	<20	1.01	0.064	0.32	2.5	0.28	2.7	4.9	0.28	4	2.2	5.8
STD DS10	Standard	45	1.13	0.072	18	58	0.83	413	0.078	<20	1.12	0.068	0.35	2.8	0.31	2.9	5.2	0.30	5	2.1	5.6
STD DS10	Standard	44	1.07	0.075	16	53	0.78	382	0.075	<20	1.03	0.065	0.34	2.7	0.26	2.8	4.8	0.29	7	1.3	4.7
STD DS10	Standard	43	1.07	0.074	15	54	0.78	394	0.067	<20	1.00	0.062	0.34	2.5	0.28	2.7	4.9	0.30	6	2.0	4.7
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				

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.

QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
REP 2302670	QC			
Core Reject Duplicates				
2302529	Drill Core	0.55	0.31	0.029
DUP 2302529	QC	0.55	0.30	0.025
2302567	Drill Core	0.53	0.67	0.126
DUP 2302567	QC	0.51	0.66	0.139
2302605	Drill Core	0.22	0.94	0.089
DUP 2302605	QC	0.24	0.89	0.094
2302643	Drill Core	0.31	2.17	0.036
DUP 2302643	QC	0.31	2.08	0.047
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	1.00	2.44	
STD GS311-1	Standard	0.99	2.37	
STD GS311-1	Standard	0.99	2.29	



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Project: 204920
 Report Date: October 21, 2013

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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	45	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175		
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66		

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QUALITY CONTROL REPORT

SMI13000337.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi		
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
STD GS311-1	Standard																						
STD GS311-1	Standard																						
STD GS910-4	Standard																						
STD GS910-4	Standard																						
STD GS910-4	Standard																						
STD GS910-4	Standard																						
STD GS910-4	Standard																						
STD OREAS45EA	Standard					1.2	681.6	12.4	32	0.3	373.3	53.5	411	22.45	7.7	47.8	7.9	3	<0.1	0.1	0.2		
STD OREAS45EA	Standard					1.4	685.3	14.9	30	0.3	396.2	49.6	409	21.66	9.5	60.7	10.4	4	<0.1	0.2	0.3		
STD OREAS45EA	Standard					1.4	701.3	14.5	32	0.3	399.7	51.3	421	24.60	9.5	63.2	9.3	3	<0.1	0.1	0.2		
STD OREAS45EA	Standard					1.2	678.4	13.1	30	0.2	375.5	51.1	388	24.47	8.7	60.5	8.9	3	<0.1	0.2	0.2		
STD OREAS45EA	Standard					1.3	664.4	13.7	27	0.3	371.7	49.7	391	24.04	8.5	53.3	9.4	3	<0.1	0.2	0.3		
STD OXC109	Standard																						
STD OXC109	Standard																						
STD OXC109	Standard																						
STD OXC109	Standard																						
STD OXC109	Standard																						
STD OXI96	Standard																						
STD OXI96	Standard																						
STD OXI96	Standard																						
STD OXI96	Standard																						
STD OXI96	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD CDN-ME-14 Expected		0.52	1.5		16																		
STD CDN-ME-9 Expected		1.82	0.63		2.547																		

QUALITY CONTROL REPORT

SMI13000337.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	323	0.03	0.027	6	1021	0.07	127	0.077	<20	3.05	0.016	0.05	0.2	0.02	73.7	<0.1	<0.05	11	<0.5	<0.2	
STD OREAS45EA	Standard	320	0.03	0.029	7	815	0.10	144	0.089	<20	3.16	0.016	0.05	<0.1	<0.01	78.0	<0.1	<0.05	12	1.0	<0.2	
STD OREAS45EA	Standard	330	0.04	0.027	6	967	0.10	129	0.084	<20	3.32	0.016	0.05	<0.1	0.02	76.3	<0.1	<0.05	13	0.7	<0.2	
STD OREAS45EA	Standard	297	0.03	0.028	6	895	0.09	138	0.089	<20	3.12	0.018	0.05	<0.1	<0.01	79.4	<0.1	<0.05	15	<0.5	<0.2	
STD OREAS45EA	Standard	301	0.04	0.028	6	879	0.09	143	0.085	<20	3.07	0.019	0.06	<0.1	<0.01	73.4	<0.1	<0.05	13	<0.5	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						

QUALITY CONTROL REPORT

SMI13000337.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GS311-1	Standard	0.97	2.46	
STD GS311-1	Standard	0.98	2.39	
STD GS910-4	Standard	2.67	8.52	
STD GS910-4	Standard	2.67	7.77	
STD GS910-4	Standard	2.65	8.39	
STD GS910-4	Standard	2.66	8.24	
STD GS910-4	Standard	2.60	8.18	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.201
STD OXC109	Standard			0.200
STD OXC109	Standard			0.195
STD OXC109	Standard			0.208
STD OXC109	Standard			0.202
STD OXI96	Standard			1.848
STD OXI96	Standard			1.785
STD OXI96	Standard			1.747
STD OXI96	Standard			1.837
STD OXI96	Standard			1.784
STD OXL93	Standard			5.851
STD OXL93	Standard			5.898
STD OXL93	Standard			5.476
STD OXL93	Standard			6.028
STD OXL93	Standard			5.816
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 21, 2013

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QUALITY CONTROL REPORT

SMI13000337.1

	7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
STD GS311-1 Expected	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD GS910-4 Expected																				
STD DS10 Expected					14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65
STD OREAS45EA Expected					1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank																				
BLK Blank																				
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1

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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Project: 204920
 Report Date: October 21, 2013

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QUALITY CONTROL REPORT

SMI13000337.1

	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD GS311-1 Expected	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD GS910-4 Expected																				
STD DS10 Expected	43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected	303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	3	<0.5	<0.2

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QUALITY CONTROL REPORT

SMI13000337.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
STD DS10	Expected			
STD OREAS45EA	Expected			
STD OXC109	Expected			0.201
STD OXI96	Expected			1.802
STD OXL93	Expected			5.841
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 21, 2013

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QUALITY CONTROL REPORT

SMI13000337.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.30	<0.02	0.07	<0.001	<0.01	<0.01	2.15	0.08	<0.001	0.60	5.96	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.33	<0.02	0.07	<0.001	<0.01	<0.01	2.09	0.08	<0.001	0.62	5.41	



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QUALITY CONTROL REPORT

SMI13000337.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.56	2.38	<0.01	<0.05	0.1	2.3	2.5	45	<0.1	3.8	3.9	547	1.96	<0.5	<0.5	4.3	48	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.46	2.88	<0.01	<0.05	0.2	2.3	2.4	46	<0.1	3.8	4.1	544	2.06	<0.5	<0.5	4.5	49	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	2	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	35	0.42	0.071	9	7	0.57	219	0.115	<20	0.92	0.060	0.47	0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	36	0.45	0.063	9	9	0.56	203	0.113	<20	0.95	0.069	0.46	<0.1	0.01	2.2	0.3	<0.05	5	<0.5	<0.2



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QUALITY CONTROL REPORT

SMI13000337.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			0.006
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005



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Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: September 30, 2013
Report Date: October 25, 2013
Page: 1 of 5

CERTIFICATE OF ANALYSIS

SMI13000338.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_003
P.O. Number
Number of Samples: 93

SAMPLE DISPOSAL

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

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

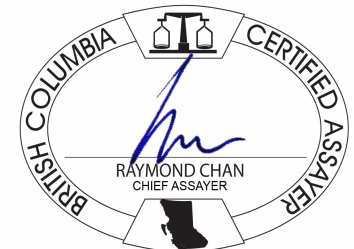
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, RIFL2, P200, 7TD2, 1DX, 2A Leco, and G6.

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322751	Drill Core	3.58	<0.001	0.005	<0.02	0.01	<2	<0.001	<0.001	0.16	6.53	<0.02	0.03	<0.001	<0.01	<0.01	2.79	0.11	0.001	2.03	8.80
2322752	Drill Core	2.35	<0.001	0.004	<0.02	<0.01	<2	0.004	0.002	0.15	6.64	<0.02	0.03	<0.001	<0.01	<0.01	5.64	0.07	0.011	3.26	8.06
2322753	Drill Core	2.91	<0.001	0.005	<0.02	0.01	<2	0.002	0.001	0.15	6.40	<0.02	0.02	<0.001	<0.01	<0.01	4.76	0.10	0.006	2.52	8.53
2322754	Drill Core	2.83	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.15	<0.02	0.03	<0.001	<0.01	<0.01	2.60	0.12	<0.001	1.16	9.03
2322755	Drill Core	2.86	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.01	<0.02	0.03	<0.001	<0.01	<0.01	2.51	0.13	<0.001	1.17	8.62
2322756	Drill Core	5.07	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.98	<0.02	0.03	<0.001	<0.01	<0.01	2.59	0.13	<0.001	1.21	8.69
2322757	Drill Core	2.90	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.67	<0.02	0.04	<0.001	<0.01	<0.01	2.42	0.13	<0.001	1.15	9.04
2322758	Drill Core	5.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.32	<0.02	0.05	<0.001	<0.01	<0.01	3.39	0.14	<0.001	1.12	9.33
2322759	Rock	5.50	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.74	<0.02	0.06	<0.001	<0.01	<0.01	1.77	0.04	<0.001	0.28	7.65
2322760	Drill Core	2.80	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.93	<0.02	0.04	<0.001	<0.01	<0.01	2.83	0.13	<0.001	1.12	9.02
2322761	Drill Core	4.41	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.66	<0.02	0.03	<0.001	<0.01	<0.01	3.31	0.13	<0.001	1.05	9.03
2322762	Drill Core	3.50	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.68	<0.02	0.04	<0.001	<0.01	<0.01	3.54	0.13	<0.001	0.99	8.67
2322763	Rock Pulp	0.15	0.004	0.076	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.70	<0.02	0.06	<0.001	<0.01	<0.01	2.36	0.07	0.001	0.74	8.62
2322764	Drill Core	4.16	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.87	<0.02	0.03	<0.001	<0.01	<0.01	3.24	0.13	0.001	1.12	8.84
2322765	Drill Core	2.42	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.60	<0.02	0.04	<0.001	<0.01	<0.01	2.43	0.13	<0.001	1.24	9.12
2322766	Drill Core	2.78	<0.001	0.021	<0.02	<0.01	106	<0.001	<0.001	0.09	4.21	<0.02	0.04	<0.001	<0.01	<0.01	3.22	0.13	<0.001	1.29	8.90
2322767	Drill Core	6.07	<0.001	0.004	<0.02	0.01	<2	<0.001	<0.001	0.18	7.15	<0.02	0.06	<0.001	<0.01	<0.01	6.09	0.16	<0.001	2.42	9.14
2322768	Drill Core	7.07	<0.001	0.005	<0.02	0.01	<2	<0.001	<0.001	0.13	6.23	<0.02	0.04	<0.001	<0.01	<0.01	4.45	0.15	<0.001	2.06	8.90
2322769	Drill Core	4.60	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.71	<0.02	0.04	<0.001	<0.01	<0.01	3.39	0.13	<0.001	1.12	8.78
2322770	Drill Core	4.05	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.11	<0.02	0.05	<0.001	<0.01	<0.01	4.09	0.13	<0.001	1.15	9.16
2322771	Drill Core	7.30	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.80	<0.02	0.04	<0.001	<0.01	<0.01	3.26	0.12	<0.001	1.13	8.79
2322772	Drill Core	5.78	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.56	<0.02	0.04	<0.001	<0.01	<0.01	3.02	0.12	<0.001	1.13	8.39
2322773	Drill Core	5.34	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.62	<0.02	0.03	<0.001	<0.01	<0.01	3.77	0.12	<0.001	1.10	8.46
2322774	Rock	7.31	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.65	<0.02	0.06	<0.001	<0.01	<0.01	1.71	0.04	<0.001	0.27	7.29
2322775	Drill Core	5.47	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.83	<0.02	0.04	<0.001	<0.01	<0.01	3.10	0.13	0.001	1.10	8.91
2322776	Drill Core	4.28	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.58	<0.02	0.04	<0.001	<0.01	<0.01	3.19	0.13	<0.001	1.08	8.97
2322777	Drill Core	2.68	<0.001	0.004	<0.02	<0.01	<2	0.001	<0.001	0.11	5.56	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.14	0.003	2.21	8.62
2322778	Drill Core	4.57	<0.001	0.005	<0.02	<0.01	<2	0.001	<0.001	0.11	5.34	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.13	0.003	2.02	8.40
2322779	Drill Core	3.56	<0.001	0.036	<0.02	<0.01	165	0.002	<0.001	0.07	3.94	<0.02	0.02	<0.001	<0.01	<0.01	2.58	0.13	0.001	1.23	8.77
2322780	Drill Core	3.42	<0.001	<0.001	<0.02	<0.01	3	<0.001	<0.001	0.06	3.85	<0.02	0.03	<0.001	<0.01	<0.01	3.14	0.13	<0.001	1.21	8.95

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322751	Drill Core	1.95	1.14	<0.01	0.28	5.7	56.4	5.6	90	0.2	7.2	17.1	1386	5.10	31.3	36.0	0.5	38	<0.1	0.4	4.9
2322752	Drill Core	1.76	0.96	<0.01	0.36	1.1	46.2	5.4	73	0.1	39.4	34.5	1550	6.17	10.3	10.8	0.2	101	<0.1	0.6	0.9
2322753	Drill Core	1.78	1.04	<0.01	0.39	2.2	50.5	4.0	94	0.3	21.4	25.7	1461	5.52	24.4	23.4	0.4	50	0.1	0.5	2.5
2322754	Drill Core	2.79	1.11	<0.01	0.42	2.5	4.1	3.3	41	0.1	2.7	10.5	787	3.44	12.5	15.5	0.7	24	<0.1	0.2	2.8
2322755	Drill Core	2.78	0.99	<0.01	0.37	2.4	3.6	3.2	42	0.1	2.8	9.5	768	3.35	13.0	7.3	0.7	22	<0.1	0.2	2.4
2322756	Drill Core	3.01	0.97	<0.01	0.33	2.3	2.2	2.3	34	<0.1	4.0	7.9	735	3.36	11.0	4.0	0.6	25	<0.1	0.2	2.0
2322757	Drill Core	3.13	0.77	<0.01	0.51	9.8	3.9	3.1	27	<0.1	2.5	13.7	539	3.69	19.3	6.7	0.6	24	<0.1	0.3	10.7
2322758	Drill Core	2.91	0.79	<0.01	0.62	2.6	5.9	3.0	28	<0.1	2.4	7.7	578	3.16	18.5	5.3	0.6	31	<0.1	0.3	5.6
2322759	Rock	3.05	1.50	<0.01	<0.05	0.2	10.3	2.4	54	<0.1	1.5	2.5	363	1.61	0.7	<0.5	8.3	27	<0.1	<0.1	0.4
2322760	Drill Core	2.93	1.11	<0.01	0.45	6.2	9.7	2.8	37	<0.1	3.0	9.2	765	3.29	13.6	3.8	0.7	38	<0.1	0.2	4.0
2322761	Drill Core	2.92	1.00	<0.01	0.12	0.9	1.9	2.1	34	<0.1	2.4	5.6	615	2.61	6.2	<0.5	0.8	35	<0.1	0.2	0.8
2322762	Drill Core	3.17	1.08	<0.01	<0.05	0.5	3.0	2.1	33	<0.1	2.3	6.1	633	2.52	3.9	<0.5	0.8	44	<0.1	0.4	0.2
2322763	Rock Pulp	3.26	0.84	<0.01	0.26	42.8	772.7	23.4	50	0.4	9.3	9.3	253	2.43	3.4	<0.5	3.4	57	0.2	0.1	0.3
2322764	Drill Core	3.06	1.03	<0.01	<0.05	0.3	3.1	1.4	34	0.4	2.4	6.1	689	2.62	3.7	<0.5	0.7	38	<0.1	0.3	<0.1
2322765	Drill Core	3.26	1.09	<0.01	0.12	1.1	10.5	1.5	35	0.7	2.0	6.3	681	2.86	7.1	<0.5	0.7	29	<0.1	0.2	1.5
2322766	Drill Core	3.23	0.93	0.06	<0.05	1.3	178.4	1.4	43	84.7	3.7	8.0	857	3.17	5.5	1.3	0.7	42	<0.1	0.4	0.3
2322767	Drill Core	2.92	0.83	<0.01	<0.05	0.9	38.9	1.6	74	0.8	6.7	17.1	1384	5.28	2.4	<0.5	0.4	92	<0.1	0.9	0.1
2322768	Drill Core	2.58	0.92	<0.01	0.14	0.8	51.0	2.1	74	0.3	4.9	14.8	1124	4.68	5.8	2.9	0.6	63	<0.1	0.7	0.6
2322769	Drill Core	3.10	0.86	<0.01	<0.05	0.5	3.3	1.8	38	0.2	2.3	6.4	627	2.61	4.9	<0.5	0.6	38	<0.1	0.4	<0.1
2322770	Drill Core	3.08	0.90	<0.01	<0.05	0.4	1.9	1.3	34	0.3	2.2	6.0	622	2.47	4.5	<0.5	0.6	36	<0.1	0.4	<0.1
2322771	Drill Core	3.31	0.96	<0.01	<0.05	0.4	12.3	1.1	41	<0.1	2.1	7.0	653	2.62	3.8	<0.5	0.6	32	<0.1	0.3	<0.1
2322772	Drill Core	3.38	1.07	<0.01	0.06	0.5	19.3	1.2	43	<0.1	2.5	7.3	693	2.59	5.5	<0.5	0.7	33	<0.1	0.3	<0.1
2322773	Drill Core	2.99	1.09	<0.01	<0.05	0.7	4.9	1.5	43	0.1	2.4	6.0	838	2.68	6.0	1.3	0.7	44	<0.1	0.3	<0.1
2322774	Rock	2.97	1.53	<0.01	<0.05	0.2	9.8	2.2	53	<0.1	1.5	2.4	347	1.46	0.7	1.0	8.3	23	<0.1	<0.1	<0.1
2322775	Drill Core	3.49	1.03	<0.01	0.65	0.6	32.7	1.9	41	<0.1	2.6	7.6	637	2.82	12.9	5.5	0.7	26	<0.1	0.2	1.0
2322776	Drill Core	3.60	1.05	<0.01	0.13	0.3	31.0	1.4	43	0.1	2.2	7.3	560	2.38	6.9	1.4	0.6	28	<0.1	0.3	0.2
2322777	Drill Core	3.58	0.79	<0.01	0.57	3.7	46.7	5.5	68	0.2	12.6	19.7	1017	4.76	6.6	2.8	0.7	36	<0.1	0.8	0.9
2322778	Drill Core	3.33	0.88	<0.01	0.14	2.1	53.7	4.3	72	0.6	12.3	19.8	1089	4.72	2.8	2.3	0.8	55	<0.1	0.4	0.1
2322779	Drill Core	3.04	1.12	0.10	<0.05	1.2	325.2	2.0	38	>100	15.6	7.5	637	3.08	6.0	3.5	0.8	30	<0.1	0.2	<0.1
2322780	Drill Core	2.51	1.20	<0.01	0.77	2.8	11.2	2.6	32	2.1	2.5	8.6	605	3.05	11.5	3.0	0.8	42	<0.1	0.2	1.5

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2322751	Drill Core	79	1.26	0.107	6	12	1.97	253	0.042	<20	2.67	0.043	0.22	0.2	0.01	5.5	<0.1	0.26	7	<0.5	2.4
2322752	Drill Core	146	5.40	0.070	4	156	3.39	984	0.086	<20	3.75	0.092	0.18	<0.1	<0.01	18.0	<0.1	0.32	9	<0.5	<0.2
2322753	Drill Core	112	4.23	0.095	7	75	2.47	86	0.033	<20	3.22	0.040	0.19	0.2	0.01	13.1	<0.1	0.35	8	<0.5	1.4
2322754	Drill Core	28	2.34	0.123	9	4	1.04	89	0.004	<20	2.20	0.069	0.28	<0.1	<0.01	3.9	<0.1	0.38	6	<0.5	1.0
2322755	Drill Core	28	2.31	0.119	9	3	1.04	68	0.002	<20	2.08	0.065	0.26	<0.1	<0.01	4.1	<0.1	0.34	6	<0.5	0.4
2322756	Drill Core	29	2.00	0.119	8	4	1.12	128	0.002	<20	2.07	0.081	0.19	<0.1	<0.01	3.5	<0.1	0.30	6	<0.5	0.6
2322757	Drill Core	26	0.92	0.118	6	4	1.00	50	0.002	<20	1.76	0.082	0.11	<0.1	<0.01	3.1	<0.1	0.47	6	<0.5	5.8
2322758	Drill Core	22	1.37	0.128	6	4	0.97	80	0.002	<20	1.70	0.072	0.12	<0.1	<0.01	2.6	<0.1	0.57	5	<0.5	2.8
2322759	Rock	14	0.26	0.034	13	4	0.27	77	0.075	<20	0.72	0.116	0.33	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2322760	Drill Core	22	1.99	0.125	11	4	1.00	331	0.002	<20	1.78	0.079	0.13	<0.1	<0.01	2.8	<0.1	0.41	5	<0.5	2.1
2322761	Drill Core	20	2.39	0.127	8	3	0.94	99	0.001	<20	1.66	0.077	0.14	<0.1	<0.01	2.7	<0.1	0.11	5	<0.5	0.3
2322762	Drill Core	20	2.69	0.125	8	3	0.94	105	0.003	<20	1.57	0.066	0.14	<0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
2322763	Rock Pulp	39	0.69	0.068	8	13	0.64	57	0.050	<20	0.99	0.081	0.16	1.0	<0.01	2.3	<0.1	0.25	5	<0.5	<0.2
2322764	Drill Core	21	2.57	0.126	9	4	1.03	79	0.003	<20	1.63	0.063	0.18	0.6	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
2322765	Drill Core	24	1.79	0.129	9	3	1.18	113	0.002	<20	1.74	0.063	0.18	2.4	<0.01	2.3	<0.1	0.12	6	<0.5	0.8
2322766	Drill Core	33	2.53	0.121	8	5	1.18	190	0.006	<20	1.79	0.075	0.16	>100	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
2322767	Drill Core	141	3.66	0.137	7	5	2.04	144	0.063	<20	2.50	0.109	0.10	1.0	<0.01	12.4	<0.1	<0.05	8	<0.5	<0.2
2322768	Drill Core	102	3.06	0.140	8	5	1.87	146	0.023	<20	2.49	0.078	0.15	0.2	<0.01	9.5	<0.1	0.13	7	<0.5	<0.2
2322769	Drill Core	22	1.97	0.127	6	4	1.03	314	0.010	<20	1.41	0.068	0.16	0.3	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
2322770	Drill Core	21	2.00	0.120	6	3	1.01	135	0.008	<20	1.53	0.066	0.17	0.7	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
2322771	Drill Core	21	1.83	0.118	5	3	1.05	113	0.009	<20	1.48	0.078	0.16	<0.1	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
2322772	Drill Core	21	2.04	0.117	6	4	1.04	170	0.007	<20	1.51	0.076	0.16	<0.1	<0.01	2.1	<0.1	0.06	5	<0.5	<0.2
2322773	Drill Core	21	3.39	0.119	9	4	1.00	169	0.003	<20	1.65	0.051	0.18	0.2	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
2322774	Rock	13	0.23	0.034	13	2	0.27	73	0.074	<20	0.68	0.098	0.32	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
2322775	Drill Core	22	2.26	0.120	7	3	0.92	56	0.004	<20	1.54	0.079	0.18	<0.1	<0.01	2.3	<0.1	0.57	5	<0.5	0.9
2322776	Drill Core	20	2.11	0.117	5	3	0.94	81	0.005	<20	1.45	0.080	0.14	0.2	<0.01	1.9	<0.1	0.12	5	<0.5	<0.2
2322777	Drill Core	113	2.97	0.122	15	30	2.10	204	0.005	<20	2.55	0.055	0.09	0.1	<0.01	11.5	<0.1	0.50	10	<0.5	0.4
2322778	Drill Core	114	3.68	0.126	15	26	2.02	365	0.053	<20	2.57	0.074	0.11	1.1	<0.01	10.6	<0.1	0.13	10	<0.5	<0.2
2322779	Drill Core	24	2.39	0.114	11	5	1.04	160	0.003	<20	1.62	0.044	0.19	>100	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
2322780	Drill Core	20	2.87	0.120	7	3	0.98	289	0.002	<20	1.60	0.040	0.19	8.4	<0.01	2.4	<0.1	0.72	5	0.9	1.1

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322751	Drill Core	0.25	0.27	0.052
2322752	Drill Core	1.40	0.34	0.011
2322753	Drill Core	1.15	0.38	0.027
2322754	Drill Core	0.53	0.40	0.012
2322755	Drill Core	0.53	0.38	0.008
2322756	Drill Core	0.44	0.32	<0.005
2322757	Drill Core	0.14	0.51	0.012
2322758	Drill Core	0.24	0.61	0.007
2322759	Rock	<0.02	<0.02	<0.005
2322760	Drill Core	0.45	0.41	0.007
2322761	Drill Core	0.56	0.11	<0.005
2322762	Drill Core	0.64	<0.02	<0.005
2322763	Rock Pulp	0.14	0.25	<0.005
2322764	Drill Core	0.59	<0.02	<0.005
2322765	Drill Core	0.37	0.12	<0.005
2322766	Drill Core	0.58	0.03	<0.005
2322767	Drill Core	0.88	<0.02	<0.005
2322768	Drill Core	0.73	0.14	<0.005
2322769	Drill Core	0.41	0.02	<0.005
2322770	Drill Core	0.42	<0.02	<0.005
2322771	Drill Core	0.38	<0.02	<0.005
2322772	Drill Core	0.45	0.07	0.005
2322773	Drill Core	0.92	0.03	<0.005
2322774	Rock	0.02	<0.02	<0.005
2322775	Drill Core	0.51	0.62	0.007
2322776	Drill Core	0.46	0.13	<0.005
2322777	Drill Core	0.77	0.55	<0.005
2322778	Drill Core	1.00	0.14	<0.005
2322779	Drill Core	0.60	0.04	0.006
2322780	Drill Core	0.73	0.75	0.011

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322781	Drill Core	6.78	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.90	<0.02	0.04	<0.001	<0.01	<0.01	3.11	0.13	<0.001	1.10	9.10
2322782	Rock Pulp	0.15	0.004	0.076	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.70	<0.02	0.06	<0.001	<0.01	<0.01	2.35	0.07	0.001	0.73	8.46
2322783	Drill Core	5.00	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.79	<0.02	0.03	<0.001	<0.01	<0.01	3.05	0.13	<0.001	1.13	9.14
2322784	Drill Core	6.68	<0.001	<0.001	<0.02	<0.01	3	<0.001	<0.001	0.05	3.72	<0.02	0.02	<0.001	<0.01	<0.01	2.53	0.12	<0.001	0.71	7.86
2322785	Drill Core	3.29	<0.001	<0.001	<0.02	<0.01	3	0.001	0.001	0.06	4.34	<0.02	0.02	<0.001	<0.01	<0.01	3.02	0.12	<0.001	1.08	8.57
2322786	Drill Core	3.50	<0.001	<0.001	<0.02	<0.01	3	<0.001	<0.001	0.06	4.02	<0.02	0.02	<0.001	<0.01	<0.01	2.82	0.11	<0.001	1.08	7.75
2322787	Drill Core	4.94	<0.001	<0.001	<0.02	<0.01	3	<0.001	<0.001	0.07	3.62	<0.02	0.03	<0.001	<0.01	<0.01	3.44	0.11	<0.001	1.02	7.14
2322788	Drill Core	6.32	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.42	<0.02	0.03	<0.001	<0.01	<0.01	3.06	0.11	<0.001	1.07	7.19
2322789	Drill Core	4.60	<0.001	<0.001	<0.02	<0.01	2	<0.001	<0.001	0.07	3.48	<0.02	0.02	<0.001	<0.01	<0.01	1.65	0.13	<0.001	1.22	7.64
2322790	Drill Core	3.95	<0.001	0.002	<0.02	<0.01	4	<0.001	0.001	0.06	4.08	<0.02	0.02	<0.001	<0.01	<0.01	3.52	0.12	<0.001	0.93	6.56
2322791	Drill Core	2.88	<0.001	0.004	<0.02	<0.01	3	<0.001	<0.001	0.06	4.10	<0.02	0.02	<0.001	<0.01	<0.01	3.62	0.11	<0.001	1.06	6.21
2322792	Drill Core	3.81	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.001	0.06	4.33	<0.02	0.02	<0.001	<0.01	<0.01	2.35	0.11	<0.001	1.09	7.73
2322793	Drill Core	5.63	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.35	<0.02	0.02	<0.001	<0.01	<0.01	2.24	0.12	<0.001	1.42	7.93
2322794	Drill Core	5.85	<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.98	<0.02	0.01	<0.001	<0.01	<0.01	2.05	0.12	<0.001	1.32	6.90
2322795	Drill Core	5.67	<0.001	0.050	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.80	<0.02	0.02	<0.001	<0.01	<0.01	2.43	0.12	<0.001	1.22	7.93
2322796	Drill Core	6.70	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.32	<0.02	0.03	<0.001	<0.01	<0.01	2.93	0.12	<0.001	1.34	6.87
2322797	Drill Core	7.26	<0.001	0.015	<0.02	<0.01	2	<0.001	<0.001	0.04	4.23	<0.02	0.03	<0.001	<0.01	<0.01	3.09	0.11	<0.001	1.27	7.51
2322798	Drill Core	7.32	<0.001	0.004	<0.02	<0.01	2	<0.001	0.001	0.07	5.06	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.13	0.001	1.53	7.71
2322799	Drill Core	4.64	<0.001	<0.001	<0.02	<0.01	2	<0.001	<0.001	0.05	4.71	<0.02	0.03	<0.001	<0.01	<0.01	3.79	0.11	<0.001	1.32	7.80
2322800	Drill Core	8.32	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.24	<0.02	0.04	<0.001	<0.01	<0.01	3.53	0.12	<0.001	1.27	7.48
2322801	Drill Core	6.13	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.19	<0.02	0.04	<0.001	<0.01	<0.01	3.20	0.12	<0.001	1.30	8.09
2322802	Drill Core	3.79	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.43	<0.02	0.04	<0.001	<0.01	<0.01	3.24	0.12	<0.001	1.26	8.38
2322803	Drill Core	3.47	<0.001	<0.001	<0.02	<0.01	3	<0.001	<0.001	0.04	4.30	<0.02	0.04	<0.001	<0.01	<0.01	3.47	0.11	<0.001	1.22	7.51
2322804	Drill Core	4.12	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.22	<0.02	0.04	<0.001	<0.01	<0.01	3.05	0.12	<0.001	1.35	7.97
2322805	Drill Core	6.99	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.09	<0.02	0.03	<0.001	<0.01	<0.01	2.96	0.12	<0.001	1.24	8.03
2322806	Drill Core	5.61	<0.001	<0.001	<0.02	<0.01	2	<0.001	<0.001	0.04	4.18	<0.02	0.03	<0.001	<0.01	<0.01	3.14	0.12	<0.001	1.21	8.50
2322807	Rock	9.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.52	<0.02	0.05	<0.001	<0.01	<0.01	1.52	0.03	<0.001	0.23	5.54
2322808	Drill Core	5.83	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.84	<0.02	0.03	<0.001	<0.01	<0.01	3.23	0.11	<0.001	1.40	7.91
2322809	Drill Core	6.86	<0.001	0.031	<0.02	<0.01	<2	<0.001	0.001	0.03	3.70	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.11	<0.001	0.93	7.21
2322810	Drill Core	5.72	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.001	0.05	3.67	<0.02	0.03	<0.001	<0.01	<0.01	3.80	0.12	<0.001	1.01	7.55

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322781	Drill Core	3.07	0.94	<0.01	1.17	2.3	5.8	2.2	34	0.2	2.0	7.9	475	3.01	8.8	7.3	0.7	30	<0.1	0.2	0.5
2322782	Rock Pulp	3.23	1.00	<0.01	0.25	40.4	742.6	22.8	51	0.5	8.7	9.2	245	2.32	2.9	<0.5	3.2	55	0.2	0.1	0.6
2322783	Drill Core	3.08	0.97	<0.01	0.22	1.6	4.6	1.1	40	0.3	2.3	6.8	649	3.03	5.6	3.4	0.7	31	<0.1	0.2	0.2
2322784	Drill Core	3.05	1.73	<0.01	1.60	4.2	6.9	2.2	22	0.5	2.2	11.1	470	3.31	11.1	13.3	0.7	24	<0.1	0.2	1.4
2322785	Drill Core	2.28	1.75	<0.01	1.59	5.1	14.9	2.2	28	0.3	2.2	12.9	507	3.47	6.5	7.1	0.7	29	<0.1	0.2	1.4
2322786	Drill Core	2.32	1.51	<0.01	1.18	4.8	14.5	2.0	30	0.3	2.6	11.0	504	3.21	6.4	9.4	0.7	27	<0.1	0.3	1.1
2322787	Drill Core	3.21	1.17	<0.01	0.25	0.6	1.4	1.0	39	<0.1	2.2	6.6	579	2.83	5.0	1.6	0.7	37	<0.1	0.2	0.2
2322788	Drill Core	3.21	1.33	<0.01	0.53	1.4	2.0	1.2	32	<0.1	2.2	10.5	626	2.75	5.8	6.8	0.7	35	<0.1	0.2	0.3
2322789	Drill Core	3.04	1.43	<0.01	0.59	5.1	14.7	1.6	32	0.2	2.5	9.7	627	2.98	7.8	5.9	0.8	21	<0.1	0.2	0.6
2322790	Drill Core	2.40	1.33	<0.01	0.71	6.3	26.9	2.8	29	2.0	3.0	13.7	572	3.01	9.5	129.2	0.7	37	<0.1	0.2	1.1
2322791	Drill Core	2.60	1.45	<0.01	0.22	2.6	45.5	1.8	33	2.1	3.4	11.5	491	2.95	7.7	6.6	0.6	40	<0.1	0.4	0.2
2322792	Drill Core	2.74	1.83	<0.01	0.22	2.7	48.8	1.7	31	0.1	3.0	10.3	533	3.07	8.7	68.4	0.6	26	<0.1	0.3	0.2
2322793	Drill Core	2.90	1.68	<0.01	<0.05	0.5	174.7	0.7	28	<0.1	3.2	8.0	367	2.96	7.1	2.0	0.8	24	<0.1	0.2	<0.1
2322794	Drill Core	2.56	1.60	<0.01	0.23	0.6	296.1	0.9	31	<0.1	4.1	7.8	399	3.07	6.3	5.4	0.8	31	<0.1	0.1	0.1
2322795	Drill Core	2.42	2.01	<0.01	0.49	1.1	495.0	1.1	27	<0.1	3.0	8.4	403	3.09	6.5	3.5	0.7	29	<0.1	0.1	0.2
2322796	Drill Core	2.94	1.48	<0.01	0.59	0.5	87.1	0.7	24	<0.1	3.0	9.9	438	3.24	7.3	6.3	0.7	24	<0.1	0.2	0.2
2322797	Drill Core	3.27	1.29	<0.01	0.16	1.0	156.3	0.8	24	<0.1	2.7	10.3	382	2.98	5.9	2.9	0.6	25	<0.1	0.2	<0.1
2322798	Drill Core	2.83	1.39	<0.01	<0.05	0.7	40.0	1.4	52	<0.1	4.1	13.4	707	3.85	3.9	0.8	0.6	37	<0.1	0.2	<0.1
2322799	Drill Core	3.23	1.20	<0.01	0.45	1.6	12.4	2.7	32	0.1	3.0	10.4	443	3.48	21.7	<0.5	0.5	29	<0.1	0.5	<0.1
2322800	Drill Core	3.34	1.00	<0.01	<0.05	0.4	31.3	1.1	26	<0.1	3.2	8.1	323	3.17	8.1	<0.5	0.5	31	<0.1	0.2	<0.1
2322801	Drill Core	3.55	1.10	<0.01	<0.05	0.2	6.0	1.1	30	<0.1	3.3	8.4	320	3.33	9.2	<0.5	0.5	37	<0.1	0.2	<0.1
2322802	Drill Core	3.60	0.86	<0.01	0.31	0.8	7.4	2.1	32	<0.1	2.9	10.2	305	3.57	14.9	<0.5	0.5	35	<0.1	0.6	<0.1
2322803	Drill Core	3.62	0.84	<0.01	0.08	0.4	6.6	1.2	31	<0.1	3.3	7.9	302	3.37	12.4	<0.5	0.5	37	<0.1	0.5	<0.1
2322804	Drill Core	3.66	1.13	<0.01	<0.05	<0.1	1.2	0.8	32	<0.1	3.1	7.8	375	3.43	8.1	<0.5	0.7	31	<0.1	0.3	<0.1
2322805	Drill Core	3.71	1.30	<0.01	<0.05	0.2	5.8	0.7	29	<0.1	3.3	7.1	362	3.27	10.3	<0.5	0.7	27	<0.1	0.3	<0.1
2322806	Drill Core	3.76	1.27	<0.01	0.25	1.5	4.4	1.4	28	<0.1	3.1	8.9	348	3.25	13.5	<0.5	0.7	28	<0.1	0.4	<0.1
2322807	Rock	3.03	1.31	<0.01	<0.05	1.7	10.4	2.1	54	<0.1	1.1	2.5	344	1.54	<0.5	<0.5	8.3	22	<0.1	<0.1	<0.1
2322808	Drill Core	3.49	1.33	<0.01	<0.05	2.3	50.1	0.8	30	<0.1	3.7	6.0	472	2.96	10.5	<0.5	0.8	34	<0.1	0.3	<0.1
2322809	Drill Core	4.02	1.06	<0.01	1.52	6.2	326.2	2.4	25	0.2	2.4	15.4	286	3.10	10.2	11.3	0.8	18	<0.1	0.3	0.6
2322810	Drill Core	3.97	1.22	<0.01	1.91	0.7	155.9	2.3	33	0.3	3.8	17.4	491	3.11	9.2	19.6	0.7	28	<0.1	0.2	1.4

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2322781	Drill Core	23	2.30	0.123	7	3	0.92	86	0.002	<20	1.44	0.060	0.16	0.6	<0.01	2.2	<0.1	1.10	4	0.9	0.5
2322782	Rock Pulp	37	0.68	0.069	8	12	0.61	55	0.045	<20	0.95	0.075	0.15	1.2	<0.01	2.1	<0.1	0.24	5	<0.5	<0.2
2322783	Drill Core	24	2.51	0.116	9	3	1.02	107	0.002	<20	2.06	0.086	0.19	0.7	<0.01	3.0	<0.1	0.20	6	<0.5	<0.2
2322784	Drill Core	13	2.53	0.116	6	3	0.52	82	<0.001	<20	1.14	0.051	0.17	0.2	0.02	2.4	<0.1	1.78	3	2.7	1.4
2322785	Drill Core	18	2.53	0.113	6	3	0.78	79	0.001	<20	1.32	0.043	0.17	0.1	0.02	2.1	<0.1	1.62	4	2.0	1.3
2322786	Drill Core	19	2.40	0.114	6	3	0.79	80	0.001	<20	1.35	0.040	0.16	0.3	0.02	1.9	<0.1	1.13	4	1.0	0.7
2322787	Drill Core	23	2.49	0.112	7	4	1.00	111	0.003	<20	1.65	0.074	0.15	0.1	<0.01	2.4	<0.1	0.26	6	<0.5	<0.2
2322788	Drill Core	21	2.46	0.113	7	3	1.04	220	0.002	<20	1.53	0.062	0.17	<0.1	<0.01	2.2	<0.1	0.52	5	<0.5	0.2
2322789	Drill Core	22	1.46	0.119	8	3	1.09	93	0.003	<20	1.62	0.051	0.20	0.4	0.02	1.9	<0.1	0.60	5	<0.5	0.4
2322790	Drill Core	21	3.32	0.112	7	3	0.78	145	0.003	<20	1.22	0.039	0.19	3.9	0.01	1.9	<0.1	0.72	4	<0.5	0.5
2322791	Drill Core	27	2.81	0.112	5	3	0.98	521	0.005	<20	1.41	0.047	0.18	1.6	0.01	2.4	<0.1	0.22	4	<0.5	<0.2
2322792	Drill Core	31	2.03	0.113	5	4	1.01	74	0.004	<20	1.61	0.044	0.19	<0.1	<0.01	3.0	<0.1	0.24	5	<0.5	<0.2
2322793	Drill Core	32	1.91	0.109	9	4	1.29	38	0.004	<20	1.88	0.042	0.22	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
2322794	Drill Core	31	2.25	0.115	10	3	1.23	63	0.002	<20	2.02	0.037	0.22	<0.1	<0.01	3.2	<0.1	0.22	6	0.8	<0.2
2322795	Drill Core	24	2.27	0.112	8	3	1.08	72	0.003	<20	1.66	0.036	0.23	0.2	0.01	2.4	<0.1	0.48	5	0.6	<0.2
2322796	Drill Core	34	2.17	0.102	7	4	1.23	104	0.007	<20	1.72	0.053	0.19	0.1	<0.01	2.7	<0.1	0.56	6	0.6	<0.2
2322797	Drill Core	34	2.24	0.104	7	4	1.17	155	0.007	<20	1.63	0.058	0.17	0.1	<0.01	2.5	<0.1	0.17	6	<0.5	<0.2
2322798	Drill Core	62	3.36	0.114	12	7	1.41	116	0.002	<20	2.06	0.042	0.17	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
2322799	Drill Core	39	2.61	0.106	7	5	1.20	51	0.007	<20	1.69	0.065	0.15	0.2	0.04	3.1	0.1	0.43	6	0.6	<0.2
2322800	Drill Core	34	1.96	0.110	4	5	1.21	141	0.018	<20	1.62	0.080	0.13	<0.1	<0.01	2.5	<0.1	0.06	7	<0.5	<0.2
2322801	Drill Core	34	1.99	0.110	4	5	1.25	230	0.023	<20	1.55	0.085	0.14	<0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
2322802	Drill Core	35	1.58	0.114	3	6	1.28	180	0.052	<20	1.55	0.088	0.10	0.2	0.03	2.3	<0.1	0.31	6	0.5	<0.2
2322803	Drill Core	34	1.69	0.108	3	5	1.27	183	0.051	<20	1.45	0.076	0.09	<0.1	0.02	2.2	<0.1	0.10	6	<0.5	<0.2
2322804	Drill Core	36	2.06	0.113	5	5	1.35	52	0.023	<20	1.63	0.082	0.15	<0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
2322805	Drill Core	34	2.38	0.107	6	5	1.21	47	0.010	<20	1.54	0.069	0.18	<0.1	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
2322806	Drill Core	32	2.43	0.117	6	4	1.15	38	0.009	<20	1.49	0.067	0.18	<0.1	0.01	2.3	<0.1	0.25	6	<0.5	<0.2
2322807	Rock	15	0.23	0.034	15	6	0.28	74	0.082	<20	0.63	0.076	0.31	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2322808	Drill Core	34	2.82	0.108	9	5	1.32	81	0.010	<20	1.72	0.054	0.18	<0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
2322809	Drill Core	19	2.01	0.108	5	4	0.78	26	0.013	<20	1.06	0.069	0.13	0.1	<0.01	1.7	<0.1	1.59	5	1.1	0.2
2322810	Drill Core	23	3.33	0.112	9	6	0.87	87	0.005	<20	1.16	0.058	0.14	0.2	<0.01	2.3	<0.1	1.89	4	0.7	0.7

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Project: 204920

Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method Analyte	2A Leco TOT/C	2A Leco TOT/S	G6 Au	
				Unit
	%	%	ppm	
	0.02	0.02	0.005	
2322781	Drill Core	0.53	1.19	0.009
2322782	Rock Pulp	0.13	0.26	<0.005
2322783	Drill Core	0.60	0.22	<0.005
2322784	Drill Core	0.61	1.69	0.013
2322785	Drill Core	0.60	1.62	0.009
2322786	Drill Core	0.55	1.18	0.008
2322787	Drill Core	0.61	0.30	0.005
2322788	Drill Core	0.58	0.58	0.010
2322789	Drill Core	0.32	0.63	0.009
2322790	Drill Core	0.92	0.77	0.012
2322791	Drill Core	0.75	0.26	0.008
2322792	Drill Core	0.46	0.26	0.036
2322793	Drill Core	0.43	<0.02	<0.005
2322794	Drill Core	0.52	0.23	0.006
2322795	Drill Core	0.56	0.52	0.011
2322796	Drill Core	0.57	0.61	0.006
2322797	Drill Core	0.55	0.18	0.005
2322798	Drill Core	1.00	0.03	<0.005
2322799	Drill Core	0.70	0.45	<0.005
2322800	Drill Core	0.43	0.06	<0.005
2322801	Drill Core	0.43	<0.02	<0.005
2322802	Drill Core	0.30	0.35	<0.005
2322803	Drill Core	0.31	0.10	<0.005
2322804	Drill Core	0.43	<0.02	<0.005
2322805	Drill Core	0.55	0.03	<0.005
2322806	Drill Core	0.54	0.26	<0.005
2322807	Rock	<0.02	<0.02	<0.005
2322808	Drill Core	0.71	0.04	<0.005
2322809	Drill Core	0.44	1.54	0.015
2322810	Drill Core	0.88	1.79	0.030

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322811	Rock Pulp	0.16	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.21	<0.02	0.04	<0.001	<0.01	<0.01	1.66	0.06	0.001	0.49	5.53
2322812	Drill Core	4.38	<0.001	0.054	<0.02	<0.01	2	<0.001	0.002	0.04	3.02	<0.02	0.02	<0.001	<0.01	<0.01	2.86	0.12	<0.001	0.90	6.40
2322813	Drill Core	6.97	<0.001	0.060	<0.02	<0.01	2	<0.001	0.001	0.05	2.71	<0.02	0.02	<0.001	<0.01	<0.01	3.03	0.13	<0.001	1.06	6.70
2322814	Drill Core	3.97	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.24	<0.02	0.02	<0.001	<0.01	<0.01	2.89	0.12	<0.001	0.96	8.14
2322815	Drill Core	6.83	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.07	5.14	<0.02	0.02	<0.001	<0.01	<0.01	3.37	0.11	0.002	1.85	8.01
2322816	Drill Core	4.79	<0.001	0.012	<0.02	<0.01	3	0.001	<0.001	0.07	5.15	<0.02	0.02	<0.001	<0.01	<0.01	3.87	0.11	0.002	1.94	8.27
2322817	Drill Core	6.23	<0.001	0.006	<0.02	<0.01	3	0.006	0.004	0.15	7.56	<0.02	0.06	<0.001	<0.01	<0.01	8.36	0.13	0.007	4.28	7.99
2322818	Drill Core	5.91	<0.001	0.006	<0.02	<0.01	3	0.006	0.004	0.14	7.85	<0.02	0.06	<0.001	<0.01	<0.01	8.63	0.13	0.007	4.38	8.23
2322819	Drill Core	8.32	<0.001	0.007	<0.02	<0.01	<2	0.004	0.004	0.13	7.15	<0.02	0.06	<0.001	<0.01	<0.01	7.88	0.12	0.007	4.11	8.13
2322820	Drill Core	4.79	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.003	0.13	6.68	<0.02	0.04	<0.001	<0.01	<0.01	4.84	0.10	0.003	3.32	8.46
2322821	Drill Core	5.20	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.002	0.10	6.40	<0.02	0.04	<0.001	<0.01	<0.01	4.79	0.10	0.003	3.11	8.28
2322822	Drill Core	3.32	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.11	6.62	<0.02	0.04	<0.001	<0.01	<0.01	5.02	0.10	0.004	3.09	8.18
2322823	Drill Core	5.37	<0.001	0.031	<0.02	<0.01	22	<0.001	0.003	0.06	4.97	<0.02	0.04	<0.001	<0.01	<0.01	3.31	0.11	0.003	1.93	8.15
2322824	Rock	6.59	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.56	<0.02	0.06	<0.001	<0.01	<0.01	1.67	0.04	0.001	0.27	6.97
2322825	Drill Core	4.66	<0.001	0.083	<0.02	<0.01	<2	<0.001	0.005	0.02	4.09	<0.02	0.03	<0.001	<0.01	<0.01	2.00	0.11	0.001	0.89	7.74
2322826	Drill Core	5.34	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.25	<0.02	0.03	<0.001	<0.01	<0.01	2.87	0.11	0.001	1.02	7.66
2322827	Drill Core	3.03	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.07	<0.02	0.02	<0.001	<0.01	<0.01	2.52	0.11	0.001	0.93	7.50
2322828	Drill Core	4.96	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.02	1.62	<0.02	<0.01	<0.001	<0.01	<0.01	0.98	0.13	<0.001	0.57	8.11
2322829	Drill Core	7.46	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.002	0.02	1.92	<0.02	<0.01	<0.001	<0.01	<0.01	1.07	0.13	0.001	0.51	8.14
2322830	Rock Pulp	0.14	0.007	0.375	<0.02	<0.01	<2	<0.001	0.001	0.03	3.52	<0.02	0.01	<0.001	<0.01	<0.01	1.38	0.06	0.002	2.05	7.39
2322831	Drill Core	6.09	<0.001	0.004	<0.02	0.02	<2	<0.001	0.002	0.03	2.77	<0.02	0.01	<0.001	<0.01	<0.01	1.67	0.13	0.001	0.61	8.33
2322832	Drill Core	5.34	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.06	2.31	<0.02	0.02	<0.001	<0.01	<0.01	3.35	0.13	<0.001	0.70	8.22
2322833	Drill Core	3.48	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.002	0.05	3.02	<0.02	0.01	<0.001	<0.01	<0.01	2.49	0.12	0.001	0.60	7.79
2322834	Drill Core	3.67	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.002	0.05	3.04	<0.02	0.01	<0.001	<0.01	<0.01	2.38	0.12	0.001	0.65	7.56
2322835	Drill Core	6.55	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.002	0.04	2.42	<0.02	<0.01	<0.001	<0.01	<0.01	1.82	0.12	0.001	0.60	8.13
2322836	Drill Core	8.10	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.003	0.07	4.39	<0.02	<0.01	<0.001	<0.01	<0.01	3.84	0.11	0.003	1.36	8.00
2322837 Dup of 2322836	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.07	4.38	<0.02	0.01	<0.001	<0.01	<0.01	3.82	0.11	0.003	1.42	8.44
2322838	Drill Core	8.06	<0.001	0.006	<0.02	<0.01	<2	0.005	0.004	0.12	6.42	<0.02	0.02	<0.001	<0.01	<0.01	7.83	0.05	0.009	3.86	7.77
2322839	Drill Core	4.77	<0.001	0.008	<0.02	<0.01	<2	0.002	0.002	0.07	3.85	<0.02	0.02	<0.001	<0.01	<0.01	3.98	0.08	0.006	2.25	8.43
2322840	Drill Core	6.14	<0.001	0.006	<0.02	<0.01	<2	0.004	0.003	0.11	5.77	<0.02	0.03	<0.001	<0.01	<0.01	6.41	0.07	0.009	3.09	8.73

CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322811	Rock Pulp	3.01	1.29	<0.01	0.19	11.7	182.5	14.3	46	0.1	8.1	5.8	230	1.93	2.4	<0.5	3.6	48	<0.1	0.1	0.1
2322812	Drill Core	3.89	1.36	<0.01	1.73	1.3	555.8	2.4	29	0.4	3.0	20.5	404	2.65	46.7	42.0	0.8	24	<0.1	0.8	0.8
2322813	Drill Core	4.63	0.91	<0.01	0.98	2.0	608.3	1.1	37	0.2	4.5	16.8	479	2.52	13.3	9.9	1.6	33	<0.1	0.3	0.6
2322814	Drill Core	3.44	1.74	<0.01	0.11	0.2	7.9	0.6	29	<0.1	3.3	5.8	399	2.59	6.3	<0.5	0.8	31	<0.1	0.1	0.1
2322815	Drill Core	3.11	1.35	<0.01	0.08	1.2	61.9	1.4	48	<0.1	9.5	15.1	707	4.25	6.1	4.6	0.6	51	<0.1	0.3	<0.1
2322816	Drill Core	3.33	1.18	<0.01	0.28	1.3	130.0	2.2	43	<0.1	7.6	9.9	695	4.22	9.7	7.2	0.7	43	<0.1	0.3	0.2
2322817	Drill Core	2.01	0.98	<0.01	0.14	0.7	71.8	2.6	52	<0.1	42.2	33.0	1090	5.39	5.5	<0.5	2.5	63	0.1	1.0	<0.1
2322818	Drill Core	1.80	1.11	<0.01	0.13	0.8	68.7	2.5	57	<0.1	40.0	31.1	891	4.88	5.7	<0.5	2.4	54	0.1	0.7	<0.1
2322819	Drill Core	2.01	1.06	<0.01	0.09	0.8	71.5	2.4	61	0.3	39.0	29.7	916	5.02	5.3	1.0	2.2	57	<0.1	0.7	<0.1
2322820	Drill Core	2.53	0.46	<0.01	<0.05	0.7	65.6	1.6	36	<0.1	11.9	20.7	600	4.65	1.6	1.2	0.5	93	<0.1	0.5	<0.1
2322821	Drill Core	2.25	0.44	<0.01	0.07	0.9	51.8	2.4	40	<0.1	13.7	21.6	730	5.36	3.8	1.6	0.5	105	<0.1	0.7	<0.1
2322822	Drill Core	2.10	0.40	<0.01	<0.05	1.1	44.2	2.8	56	0.2	13.5	26.6	985	5.75	3.5	1.4	0.5	125	<0.1	0.6	<0.1
2322823	Drill Core	3.57	0.69	0.02	1.19	2.8	291.9	3.1	32	9.2	13.9	25.8	470	4.30	7.9	6.6	0.7	68	<0.1	0.6	0.4
2322824	Rock	2.99	2.72	<0.01	<0.05	0.2	16.4	1.7	54	0.1	1.4	2.6	330	1.54	<0.5	<0.5	7.1	22	<0.1	<0.1	<0.1
2322825	Drill Core	4.28	1.10	<0.01	3.30	7.4	904.8	2.7	18	0.6	3.1	53.4	225	3.95	22.2	19.4	0.7	29	<0.1	0.3	1.0
2322826	Drill Core	3.74	1.19	<0.01	0.50	0.7	116.0	0.9	36	0.2	2.9	9.9	389	2.92	6.6	4.8	0.8	35	<0.1	0.3	0.3
2322827	Drill Core	3.50	1.60	<0.01	0.56	0.7	195.8	2.0	59	0.3	3.8	9.7	422	1.97	5.2	4.1	0.8	29	<0.1	0.3	0.3
2322828	Drill Core	0.33	3.76	<0.01	1.23	9.1	133.3	21.2	67	1.8	1.7	19.1	134	1.35	1.6	25.7	0.8	14	1.2	0.2	1.2
2322829	Drill Core	0.20	3.97	<0.01	1.59	4.7	13.4	5.5	10	0.5	2.4	24.7	167	1.65	3.7	32.5	0.7	14	0.1	0.2	1.8
2322830	Rock Pulp	2.29	1.42	<0.01	0.84	75.4	3813.8	5.8	74	0.7	10.7	11.8	263	3.35	28.8	107.9	0.2	23	0.2	0.6	0.2
2322831	Drill Core	0.96	3.41	<0.01	2.31	4.2	42.6	12.6	230	1.3	2.6	26.3	278	2.53	4.0	74.4	0.7	21	2.3	0.2	2.9
2322832	Drill Core	2.06	2.89	<0.01	1.48	1.7	82.7	2.7	25	0.4	2.5	14.8	600	1.95	4.9	13.3	0.8	29	<0.1	0.3	1.8
2322833	Drill Core	1.55	3.13	<0.01	2.57	2.1	17.7	3.9	30	0.6	2.9	26.2	448	2.82	4.0	25.5	0.7	26	<0.1	0.1	3.8
2322834	Drill Core	1.65	3.05	<0.01	2.55	2.8	16.5	5.1	23	0.6	3.1	25.9	429	2.80	3.6	22.7	0.7	25	<0.1	0.2	3.8
2322835	Drill Core	1.31	3.49	<0.01	1.85	5.9	78.5	3.2	64	1.3	2.7	21.3	340	2.20	5.5	88.7	0.9	20	0.4	0.1	3.8
2322836	Drill Core	0.60	2.87	<0.01	2.37	3.9	38.0	8.3	40	0.6	11.6	32.8	593	3.53	14.4	19.2	0.6	44	0.2	0.3	3.7
2322837 Dup of 2322836	CORE DUP	0.60	2.90	<0.01	2.28	3.8	41.0	8.7	42	0.6	11.7	33.3	613	3.61	15.0	20.3	0.7	45	0.2	0.4	3.7
2322838	Drill Core	1.18	0.32	<0.01	0.27	0.3	63.1	3.7	66	0.1	54.2	34.7	1195	5.85	8.8	4.9	0.4	107	<0.1	0.8	0.1
2322839	Drill Core	1.34	1.58	<0.01	0.36	4.9	89.8	3.3	39	0.2	26.3	23.3	601	3.29	7.7	6.3	0.6	73	<0.1	1.2	0.5
2322840	Drill Core	1.70	0.80	<0.01	0.32	0.8	67.1	3.9	50	0.1	45.3	33.9	939	5.15	9.1	4.9	0.5	102	0.1	0.9	0.4



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322811	Rock Pulp	27	0.91	0.057	11	11	0.45	37	0.024	<20	0.85	0.070	0.15	0.4	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
2322812	Drill Core	18	2.86	0.113	8	3	0.76	28	0.002	<20	1.06	0.057	0.17	<0.1	0.03	1.9	0.1	1.73	5	1.1	0.4
2322813	Drill Core	48	3.02	0.118	11	7	1.02	59	0.003	<20	1.31	0.075	0.12	<0.1	<0.01	4.3	<0.1	0.95	6	<0.5	0.4
2322814	Drill Core	18	2.88	0.115	11	4	0.84	86	0.001	<20	1.55	0.055	0.22	<0.1	<0.01	2.8	<0.1	0.11	5	<0.5	<0.2
2322815	Drill Core	96	3.07	0.103	8	16	1.79	114	0.040	<20	2.55	0.115	0.24	<0.1	<0.01	9.0	<0.1	0.08	8	<0.5	<0.2
2322816	Drill Core	80	3.53	0.101	9	13	1.80	112	0.011	<20	2.32	0.059	0.18	<0.1	<0.01	6.5	<0.1	0.26	9	<0.5	<0.2
2322817	Drill Core	142	4.14	0.113	32	22	2.74	120	0.239	<20	3.48	0.062	0.05	0.1	0.04	8.2	<0.1	0.14	9	<0.5	<0.2
2322818	Drill Core	113	3.01	0.114	31	14	2.27	27	0.241	<20	3.45	0.063	0.06	0.2	<0.01	4.7	<0.1	0.12	8	<0.5	<0.2
2322819	Drill Core	115	3.14	0.116	28	13	2.35	34	0.236	<20	3.46	0.077	0.07	0.6	<0.01	4.9	<0.1	0.11	8	<0.5	<0.2
2322820	Drill Core	155	2.05	0.091	4	26	2.13	41	0.225	<20	2.99	0.342	0.06	0.2	<0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
2322821	Drill Core	189	2.84	0.091	4	30	2.69	49	0.240	<20	3.50	0.382	0.07	0.3	<0.01	13.7	<0.1	0.06	9	<0.5	<0.2
2322822	Drill Core	209	3.34	0.092	4	31	2.87	112	0.264	<20	3.88	0.427	0.08	0.5	<0.01	18.4	<0.1	<0.05	10	<0.5	<0.2
2322823	Drill Core	99	2.09	0.108	5	20	1.69	83	0.141	<20	2.37	0.253	0.11	29.6	0.01	6.6	<0.1	1.14	8	<0.5	0.3
2322824	Rock	14	0.19	0.035	14	6	0.28	76	0.082	<20	0.62	0.078	0.34	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2322825	Drill Core	24	1.78	0.110	6	5	0.82	81	0.002	<20	0.99	0.075	0.12	0.4	<0.01	2.6	<0.1	3.32	4	1.3	0.9
2322826	Drill Core	32	2.49	0.114	8	4	1.00	142	0.006	<20	1.47	0.079	0.17	0.2	<0.01	3.0	<0.1	0.51	6	<0.5	<0.2
2322827	Drill Core	22	2.57	0.117	10	4	0.89	35	0.002	<20	1.41	0.061	0.20	0.5	<0.01	2.4	<0.1	0.54	5	0.5	<0.2
2322828	Drill Core	2	1.15	0.129	2	2	0.05	34	<0.001	<20	0.42	0.010	0.25	1.1	<0.01	0.4	<0.1	1.23	<1	1.8	0.9
2322829	Drill Core	<2	1.22	0.132	2	3	0.04	34	0.001	<20	0.44	0.008	0.30	0.4	<0.01	0.4	<0.1	1.67	<1	1.8	0.7
2322830	Rock Pulp	199	1.12	0.052	3	17	1.91	22	0.055	<20	2.72	0.135	0.63	0.8	0.03	12.6	<0.1	0.81	8	6.6	0.2
2322831	Drill Core	5	1.74	0.141	4	3	0.19	87	0.001	<20	0.58	0.020	0.27	0.5	0.04	0.8	<0.1	2.45	1	1.5	0.9
2322832	Drill Core	8	3.35	0.130	8	3	0.39	25	0.002	<20	0.81	0.036	0.28	0.5	<0.01	1.3	<0.1	1.58	2	2.1	0.9
2322833	Drill Core	6	2.65	0.126	5	2	0.26	27	0.001	<20	0.67	0.027	0.28	0.6	<0.01	1.1	<0.1	2.73	2	2.2	1.4
2322834	Drill Core	7	2.51	0.127	6	4	0.30	31	0.001	<20	0.72	0.029	0.28	1.0	<0.01	1.1	<0.1	2.68	2	1.9	1.5
2322835	Drill Core	6	2.04	0.135	5	3	0.30	35	<0.001	<20	0.75	0.027	0.29	0.3	0.01	1.1	<0.1	2.00	2	2.2	1.6
2322836	Drill Core	36	3.43	0.109	5	19	0.82	35	0.004	<20	1.53	0.087	0.25	0.3	<0.01	4.7	<0.1	2.37	3	1.8	1.0
2322837 Dup of 2322836	CORE DUP	38	3.50	0.112	5	20	0.85	38	0.004	<20	1.59	0.090	0.26	0.3	0.02	4.9	<0.1	2.40	3	2.0	1.2
2322838	Drill Core	171	6.36	0.046	6	117	3.56	21	0.026	<20	4.86	0.304	0.06	<0.1	<0.01	19.2	<0.1	0.24	9	<0.5	<0.2
2322839	Drill Core	65	2.77	0.076	4	36	1.56	90	0.034	<20	2.96	0.248	0.20	0.1	<0.01	7.3	<0.1	0.36	5	0.9	<0.2
2322840	Drill Core	124	4.54	0.070	6	59	2.51	33	0.109	<20	4.39	0.341	0.12	0.1	<0.01	10.9	<0.1	0.32	9	0.5	<0.2



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Project: 204920
 Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322811	Rock Pulp	0.19	0.20	<0.005
2322812	Drill Core	0.72	1.81	0.040
2322813	Drill Core	0.81	0.97	0.010
2322814	Drill Core	0.72	0.12	<0.005
2322815	Drill Core	0.74	0.08	0.006
2322816	Drill Core	0.99	0.29	<0.005
2322817	Drill Core	0.64	0.16	<0.005
2322818	Drill Core	0.13	0.14	<0.005
2322819	Drill Core	0.21	0.14	<0.005
2322820	Drill Core	0.18	<0.02	<0.005
2322821	Drill Core	0.42	0.08	<0.005
2322822	Drill Core	0.56	0.03	<0.005
2322823	Drill Core	0.36	1.23	0.010
2322824	Rock	<0.02	<0.02	0.006
2322825	Drill Core	0.41	3.42	0.028
2322826	Drill Core	0.61	0.54	0.010
2322827	Drill Core	0.67	0.62	0.010
2322828	Drill Core	0.23	1.26	0.033
2322829	Drill Core	0.24	1.69	0.041
2322830	Rock Pulp	0.20	0.90	0.118
2322831	Drill Core	0.37	2.48	0.083
2322832	Drill Core	0.92	1.59	0.012
2322833	Drill Core	0.65	2.83	0.029
2322834	Drill Core	0.62	2.75	0.028
2322835	Drill Core	0.46	1.99	0.110
2322836	Drill Core	0.89	2.47	0.021
2322837 Dup of 2322836	CORE DUP	0.87	2.47	0.025
2322838	Drill Core	1.60	0.28	<0.005
2322839	Drill Core	0.43	0.42	0.015
2322840	Drill Core	0.88	0.35	0.011



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Project: 204920
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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322841	Drill Core	8.12	<0.001	0.004	<0.02	<0.01	<2	0.002	0.002	0.10	4.34	<0.02	0.04	<0.001	<0.01	<0.01	6.75	0.09	0.006	2.17	9.97
2322842	Drill Core	5.15	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.002	0.06	3.61	<0.02	0.01	<0.001	<0.01	<0.01	3.76	0.12	<0.001	0.71	8.22
2322843	Drill Core	2.99	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.06	3.51	<0.02	0.03	<0.001	<0.01	<0.01	2.67	0.12	0.002	1.32	8.10



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Project: 204920
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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322841	Drill Core	1.84	1.73	<0.01	0.43	0.5	48.6	4.1	53	0.2	31.1	24.0	1050	4.22	5.5	4.6	0.3	170	0.1	0.7	0.6
2322842	Drill Core	1.35	3.19	<0.01	2.55	2.2	14.8	4.3	11	0.4	2.3	24.1	527	2.58	8.5	13.7	0.8	30	<0.1	0.1	4.3
2322843	Drill Core	2.63	1.73	<0.01	1.86	1.1	124.1	2.9	50	0.3	5.9	22.8	545	2.90	5.4	7.6	0.7	28	<0.1	0.1	2.3



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CERTIFICATE OF ANALYSIS

SMI13000338.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322841	Drill Core	109	6.13	0.090	8	48	2.24	65	0.049	<20	4.81	0.279	0.25	<0.1	<0.01	10.9	<0.1	0.41	9	<0.5	0.3
2322842	Drill Core	3	3.68	0.126	7	2	0.16	28	0.002	<20	0.54	0.022	0.29	0.3	<0.01	0.8	<0.1	2.62	<1	1.4	1.7
2322843	Drill Core	43	2.46	0.113	6	11	1.02	22	0.002	<20	1.37	0.056	0.20	0.2	<0.01	4.4	<0.1	1.94	4	1.9	1.1



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CERTIFICATE OF ANALYSIS

SMI13000338.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2322841	Drill Core	1.44	0.47	0.007
2322842	Drill Core	1.05	2.76	0.024
2322843	Drill Core	0.63	2.03	0.011

QUALITY CONTROL REPORT

SMI13000338.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
2322754	Drill Core	2.83	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.15	<0.02	0.03	<0.001	<0.01	<0.01	2.60	0.12	<0.001	1.16	9.03
REP 2322754	QC																				
2322765	Drill Core	2.42	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.60	<0.02	0.04	<0.001	<0.01	<0.01	2.43	0.13	<0.001	1.24	9.12
REP 2322765	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.60	<0.02	0.04	<0.001	<0.01	<0.01	2.39	0.13	<0.001	1.23	8.90
2322770	Drill Core	4.05	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.11	<0.02	0.05	<0.001	<0.01	<0.01	4.09	0.13	<0.001	1.15	9.16
REP 2322770	QC																				
2322781	Drill Core	6.78	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.90	<0.02	0.04	<0.001	<0.01	<0.01	3.11	0.13	<0.001	1.10	9.10
REP 2322781	QC																				
2322800	Drill Core	8.32	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.24	<0.02	0.04	<0.001	<0.01	<0.01	3.53	0.12	<0.001	1.27	7.48
REP 2322800	QC		<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.32	<0.02	0.04	<0.001	<0.01	<0.01	3.59	0.12	<0.001	1.30	7.86
2322805	Drill Core	6.99	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.09	<0.02	0.03	<0.001	<0.01	<0.01	2.96	0.12	<0.001	1.24	8.03
REP 2322805	QC																				
2322816	Drill Core	4.79	<0.001	0.012	<0.02	<0.01	3	0.001	<0.001	0.07	5.15	<0.02	0.02	<0.001	<0.01	<0.01	3.87	0.11	0.002	1.94	8.27
REP 2322816	QC																				
2322822	Drill Core	3.32	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.11	6.62	<0.02	0.04	<0.001	<0.01	<0.01	5.02	0.10	0.004	3.09	8.18
REP 2322822	QC																				
2322829	Drill Core	7.46	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.002	0.02	1.92	<0.02	<0.01	<0.001	<0.01	<0.01	1.07	0.13	0.001	0.51	8.14
REP 2322829	QC																				
2322832	Drill Core	5.34	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.06	2.31	<0.02	0.02	<0.001	<0.01	<0.01	3.35	0.13	<0.001	0.70	8.22
REP 2322832	QC		<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.06	2.33	<0.02	0.02	<0.001	<0.01	<0.01	3.36	0.13	<0.001	0.71	8.26
2322840	Drill Core	6.14	<0.001	0.006	<0.02	<0.01	<2	0.004	0.003	0.11	5.77	<0.02	0.03	<0.001	<0.01	<0.01	6.41	0.07	0.009	3.09	8.73
REP 2322840	QC																				
2322843	Drill Core	2.99	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.06	3.51	<0.02	0.03	<0.001	<0.01	<0.01	2.67	0.12	0.002	1.32	8.10
REP 2322843	QC																				
Core Reject Duplicates																					
2322760	Drill Core	2.80	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.93	<0.02	0.04	<0.001	<0.01	<0.01	2.83	0.13	<0.001	1.12	9.02
DUP 2322760	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.93	<0.02	0.04	<0.001	<0.01	<0.01	2.94	0.13	<0.001	1.11	9.12
2322798	Drill Core	7.32	<0.001	0.004	<0.02	<0.01	2	<0.001	0.001	0.07	5.06	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.13	0.001	1.53	7.71

QUALITY CONTROL REPORT

SMI13000338.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2322754	Drill Core	2.79	1.11	<0.01	0.42	2.5	4.1	3.3	41	0.1	2.7	10.5	787	3.44	12.5	15.5	0.7	24	<0.1	0.2	2.8
REP 2322754	QC																				
2322765	Drill Core	3.26	1.09	<0.01	0.12	1.1	10.5	1.5	35	0.7	2.0	6.3	681	2.86	7.1	<0.5	0.7	29	<0.1	0.2	1.5
REP 2322765	QC	3.26	0.92	<0.01	0.12																
2322770	Drill Core	3.08	0.90	<0.01	<0.05	0.4	1.9	1.3	34	0.3	2.2	6.0	622	2.47	4.5	<0.5	0.6	36	<0.1	0.4	<0.1
REP 2322770	QC					0.3	1.4	1.3	35	0.3	2.2	6.0	622	2.48	4.4	<0.5	0.6	37	<0.1	0.4	<0.1
2322781	Drill Core	3.07	0.94	<0.01	1.17	2.3	5.8	2.2	34	0.2	2.0	7.9	475	3.01	8.8	7.3	0.7	30	<0.1	0.2	0.5
REP 2322781	QC																				
2322800	Drill Core	3.34	1.00	<0.01	<0.05	0.4	31.3	1.1	26	<0.1	3.2	8.1	323	3.17	8.1	<0.5	0.5	31	<0.1	0.2	<0.1
REP 2322800	QC	3.40	1.02	<0.01	<0.05																
2322805	Drill Core	3.71	1.30	<0.01	<0.05	0.2	5.8	0.7	29	<0.1	3.3	7.1	362	3.27	10.3	<0.5	0.7	27	<0.1	0.3	<0.1
REP 2322805	QC					0.2	5.7	0.7	30	<0.1	3.4	7.3	373	3.32	10.2	<0.5	0.7	27	<0.1	0.3	<0.1
2322816	Drill Core	3.33	1.18	<0.01	0.28	1.3	130.0	2.2	43	<0.1	7.6	9.9	695	4.22	9.7	7.2	0.7	43	<0.1	0.3	0.2
REP 2322816	QC																				
2322822	Drill Core	2.10	0.40	<0.01	<0.05	1.1	44.2	2.8	56	0.2	13.5	26.6	985	5.75	3.5	1.4	0.5	125	<0.1	0.6	<0.1
REP 2322822	QC																				
2322829	Drill Core	0.20	3.97	<0.01	1.59	4.7	13.4	5.5	10	0.5	2.4	24.7	167	1.65	3.7	32.5	0.7	14	0.1	0.2	1.8
REP 2322829	QC																				
2322832	Drill Core	2.06	2.89	<0.01	1.48	1.7	82.7	2.7	25	0.4	2.5	14.8	600	1.95	4.9	13.3	0.8	29	<0.1	0.3	1.8
REP 2322832	QC	2.09	2.91	<0.01	1.50																
2322840	Drill Core	1.70	0.80	<0.01	0.32	0.8	67.1	3.9	50	0.1	45.3	33.9	939	5.15	9.1	4.9	0.5	102	0.1	0.9	0.4
REP 2322840	QC																				
2322843	Drill Core	2.63	1.73	<0.01	1.86	1.1	124.1	2.9	50	0.3	5.9	22.8	545	2.90	5.4	7.6	0.7	28	<0.1	0.1	2.3
REP 2322843	QC																				
Core Reject Duplicates																					
2322760	Drill Core	2.93	1.11	<0.01	0.45	6.2	9.7	2.8	37	<0.1	3.0	9.2	765	3.29	13.6	3.8	0.7	38	<0.1	0.2	4.0
DUP 2322760	QC	2.98	0.89	<0.01	0.44	6.3	10.4	2.7	35	<0.1	3.0	9.1	793	3.31	13.6	5.0	0.7	39	<0.1	0.2	3.7
2322798	Drill Core	2.83	1.39	<0.01	<0.05	0.7	40.0	1.4	52	<0.1	4.1	13.4	707	3.85	3.9	0.8	0.6	37	<0.1	0.2	<0.1

QUALITY CONTROL REPORT

SMI13000338.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
Pulp Duplicates																					
2322754	Drill Core	28	2.34	0.123	9	4	1.04	89	0.004	<20	2.20	0.069	0.28	<0.1	<0.01	3.9	<0.1	0.38	6	<0.5	1.0
REP 2322754	QC																				
2322765	Drill Core	24	1.79	0.129	9	3	1.18	113	0.002	<20	1.74	0.063	0.18	2.4	<0.01	2.3	<0.1	0.12	6	<0.5	0.8
REP 2322765	QC																				
2322770	Drill Core	21	2.00	0.120	6	3	1.01	135	0.008	<20	1.53	0.066	0.17	0.7	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
REP 2322770	QC	22	1.99	0.117	6	4	1.01	136	0.009	<20	1.47	0.063	0.17	0.5	<0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
2322781	Drill Core	23	2.30	0.123	7	3	0.92	86	0.002	<20	1.44	0.060	0.16	0.6	<0.01	2.2	<0.1	1.10	4	0.9	0.5
REP 2322781	QC																				
2322800	Drill Core	34	1.96	0.110	4	5	1.21	141	0.018	<20	1.62	0.080	0.13	<0.1	<0.01	2.5	<0.1	0.06	7	<0.5	<0.2
REP 2322800	QC																				
2322805	Drill Core	34	2.38	0.107	6	5	1.21	47	0.010	<20	1.54	0.069	0.18	<0.1	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
REP 2322805	QC	36	2.46	0.110	6	5	1.24	48	0.010	<20	1.59	0.070	0.18	0.2	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
2322816	Drill Core	80	3.53	0.101	9	13	1.80	112	0.011	<20	2.32	0.059	0.18	<0.1	<0.01	6.5	<0.1	0.26	9	<0.5	<0.2
REP 2322816	QC																				
2322822	Drill Core	209	3.34	0.092	4	31	2.87	112	0.264	<20	3.88	0.427	0.08	0.5	<0.01	18.4	<0.1	<0.05	10	<0.5	<0.2
REP 2322822	QC																				
2322829	Drill Core	<2	1.22	0.132	2	3	0.04	34	0.001	<20	0.44	0.008	0.30	0.4	<0.01	0.4	<0.1	1.67	<1	1.8	0.7
REP 2322829	QC																				
2322832	Drill Core	8	3.35	0.130	8	3	0.39	25	0.002	<20	0.81	0.036	0.28	0.5	<0.01	1.3	<0.1	1.58	2	2.1	0.9
REP 2322832	QC																				
2322840	Drill Core	124	4.54	0.070	6	59	2.51	33	0.109	<20	4.39	0.341	0.12	0.1	<0.01	10.9	<0.1	0.32	9	0.5	<0.2
REP 2322840	QC																				
2322843	Drill Core	43	2.46	0.113	6	11	1.02	22	0.002	<20	1.37	0.056	0.20	0.2	<0.01	4.4	<0.1	1.94	4	1.9	1.1
REP 2322843	QC																				
Core Reject Duplicates																					
2322760	Drill Core	22	1.99	0.125	11	4	1.00	331	0.002	<20	1.78	0.079	0.13	<0.1	<0.01	2.8	<0.1	0.41	5	<0.5	2.1
DUP 2322760	QC	22	2.11	0.126	10	4	1.02	356	0.002	<20	1.79	0.079	0.13	0.8	<0.01	2.8	<0.1	0.40	6	<0.5	2.0
2322798	Drill Core	62	3.36	0.114	12	7	1.41	116	0.002	<20	2.06	0.042	0.17	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2

QUALITY CONTROL REPORT

SMI13000338.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
Pulp Duplicates				
2322754	Drill Core	0.53	0.40	0.012
REP 2322754	QC			0.012
2322765	Drill Core	0.37	0.12	<0.005
REP 2322765	QC			
2322770	Drill Core	0.42	<0.02	<0.005
REP 2322770	QC			
2322781	Drill Core	0.53	1.19	0.009
REP 2322781	QC	0.52	1.21	
2322800	Drill Core	0.43	0.06	<0.005
REP 2322800	QC			
2322805	Drill Core	0.55	0.03	<0.005
REP 2322805	QC			
2322816	Drill Core	0.99	0.29	<0.005
REP 2322816	QC	0.97	0.29	
2322822	Drill Core	0.56	0.03	<0.005
REP 2322822	QC			<0.005
2322829	Drill Core	0.24	1.69	0.041
REP 2322829	QC			0.042
2322832	Drill Core	0.92	1.59	0.012
REP 2322832	QC			
2322840	Drill Core	0.88	0.35	0.011
REP 2322840	QC	0.95	0.36	
2322843	Drill Core	0.63	2.03	0.011
REP 2322843	QC			0.014
Core Reject Duplicates				
2322760	Drill Core	0.45	0.41	0.007
DUP 2322760	QC	0.48	0.42	0.007
2322798	Drill Core	1.00	0.03	<0.005



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
DUP 2322798	QC	<0.001	0.006	<0.02	<0.01	2	<0.001	<0.001	0.07	4.78	<0.02	0.03	<0.001	<0.01	<0.01	3.98	0.12	<0.001	1.48	7.34	
Reference Materials																					
STD CDN-ME-14	Standard	0.002	1.214	0.47	3.02	43	0.001	0.017	0.09	17.16	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.02	0.002	1.21	4.23	
STD CDN-ME-9	Standard	<0.001	0.662	<0.02	0.01	3	0.981	0.018	0.12	13.61	<0.02	0.03	<0.001	<0.01	<0.01	4.05	0.06	0.026	3.86	6.45	
STD CDN-ME-14	Standard	0.001	1.251	0.51	3.17	49	0.002	0.018	0.09	18.05	<0.02	<0.01	0.007	<0.01	<0.01	0.74	0.02	0.002	1.25	4.11	
STD CDN-ME-9	Standard	<0.001	0.667	<0.02	0.01	7	0.936	0.018	0.13	14.16	<0.02	0.03	<0.001	<0.01	<0.01	4.31	0.06	0.027	4.02	6.93	
STD CDN-ME-14	Standard	0.001	1.228	0.50	3.16	46	0.002	0.019	0.09	18.20	<0.02	<0.01	0.009	<0.01	0.01	0.77	0.02	0.001	1.30	4.35	
STD CDN-ME-9	Standard	<0.001	0.677	<0.02	0.01	4	0.941	0.017	0.12	14.11	<0.02	0.03	<0.001	<0.01	<0.01	4.30	0.07	0.028	4.07	6.73	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD GS311-1 Expected																					

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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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QUALITY CONTROL REPORT

SMI13000338.1

		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
DUP 2322798	QC	2.75	1.43	<0.01	<0.05	0.8	63.6	1.3	48	0.1	3.6	12.4	682	3.68	4.0	1.1	0.6	38	<0.1	0.2	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.51	1.64	<0.01	15.24																
STD CDN-ME-9	Standard	1.80	0.60	<0.01	2.53																
STD CDN-ME-14	Standard	0.54	1.69	<0.01	16.24																
STD CDN-ME-9	Standard	1.86	0.63	<0.01	3.14																
STD CDN-ME-14	Standard	0.53	1.59	<0.01	16.17																
STD CDN-ME-9	Standard	1.80	0.64	<0.01	2.57																
STD DS10	Standard					14.0	164.8	157.1	370	2.0	79.0	13.7	917	2.85	47.4	88.1	7.5	66	2.3	8.7	11.2
STD DS10	Standard					13.2	161.2	161.4	366	2.2	74.0	13.0	900	2.75	44.4	51.3	7.1	65	2.4	8.7	11.1
STD DS10	Standard					14.5	161.7	164.2	369	2.4	79.2	13.7	909	2.85	46.4	420.9	7.5	69	2.5	7.8	10.4
STD DS10	Standard					14.8	158.1	161.4	339	2.0	77.6	13.3	880	2.62	42.6	58.1	7.2	55	2.6	7.3	10.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.5	720.9	15.6	30	0.3	401.3	52.2	429	22.45	10.8	54.7	11.5	4	<0.1	0.3	0.4
STD OREAS45EA	Standard					1.6	663.0	15.6	28	0.2	378.8	50.9	413	22.50	8.8	47.0	11.2	4	<0.1	0.3	0.2
STD OREAS45EA	Standard					1.6	691.5	16.0	29	0.3	382.8	52.3	416	21.74	9.3	53.9	11.2	4	<0.1	0.3	0.2
STD OREAS45EA	Standard					1.6	660.8	14.7	28	0.3	382.2	51.7	405	23.21	9.7	63.2	10.4	3	<0.1	0.2	0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD GS311-1 Expected																					



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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
DUP 2322798	QC	58	3.42	0.111	11	7	1.37	144	0.003	<20	2.00	0.044	0.17	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	43	1.09	0.077	17	57	0.81	386	0.075	<20	1.06	0.068	0.34	2.7	0.27	2.6	4.9	0.28	4	1.6	5.2
STD DS10	Standard	40	1.05	0.074	15	53	0.77	357	0.067	<20	0.98	0.063	0.33	3.0	0.31	2.5	4.8	0.28	4	2.7	5.3
STD DS10	Standard	44	1.11	0.073	17	57	0.81	405	0.077	<20	1.06	0.068	0.35	2.7	0.29	2.6	4.9	0.29	4	2.6	4.4
STD DS10	Standard	42	1.05	0.075	16	56	0.76	365	0.065	<20	0.98	0.064	0.33	3.1	0.31	2.5	5.1	0.28	4	1.7	4.9
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	341	0.04	0.030	7	867	0.10	146	0.093	<20	3.31	0.016	0.05	<0.1	<0.01	82.5	<0.1	<0.05	12	0.9	<0.2
STD OREAS45EA	Standard	320	0.04	0.028	7	857	0.10	146	0.089	<20	3.07	0.017	0.05	<0.1	<0.01	78.8	<0.1	<0.05	11	<0.5	<0.2
STD OREAS45EA	Standard	332	0.04	0.027	7	864	0.10	145	0.088	<20	3.14	0.015	0.05	<0.1	0.01	77.6	<0.1	<0.05	11	<0.5	<0.2
STD OREAS45EA	Standard	316	0.03	0.027	6	970	0.09	140	0.080	<20	3.06	0.015	0.05	<0.1	<0.01	72.5	<0.1	<0.05	12	0.7	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD GS311-1 Expected																					

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QUALITY CONTROL REPORT

SMI13000338.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
DUP 2322798	QC	1.01	0.05	<0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.99	2.43	
STD GS311-1	Standard	1.00	2.29	
STD GS311-1	Standard	0.99	2.39	
STD GS910-4	Standard	2.67	8.13	
STD GS910-4	Standard	2.69	7.97	
STD GS910-4	Standard	2.67	8.79	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.200
STD OXC109	Standard			0.201
STD OXI96	Standard			1.762
STD OXI96	Standard			1.734
STD OXL93	Standard			5.779
STD OXL93	Standard			5.715
STD GS311-1 Expected		1.02	2.35	

QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS910-4 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD CDN-ME-14 Expected			1.221	0.495	3.1	45	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175		
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66		
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.73	<0.02	0.07	<0.001	<0.01	<0.01	2.38	0.08	<0.001	0.67	7.78	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.75	<0.02	0.07	<0.001	<0.01	<0.01	2.36	0.08	0.001	0.69	7.68	

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	7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
STD GS910-4 Expected	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD DS10 Expected					14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65
STD OREAS45EA Expected					1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26
STD CDN-ME-14 Expected	0.52	1.5		16																
STD CDN-ME-9 Expected	1.82	0.63		2.547																
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank	<0.01	<0.01	<0.01	<0.05																
Prep Wash																				
G1-SMI Prep Blank	2.58	1.42	<0.01	<0.05	0.3	3.3	3.2	48	<0.1	4.0	4.9	615	2.33	<0.5	<0.5	5.5	71	<0.1	<0.1	0.2
G1-SMI Prep Blank	2.59	1.77	<0.01	<0.05	0.2	2.6	3.1	50	<0.1	4.9	4.8	625	2.34	0.6	<0.5	5.6	65	<0.1	<0.1	0.1

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	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
STD GS910-4 Expected	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected	43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected	303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK Blank																					
BLK Blank																					
Prep Wash																					
G1-SMI Prep Blank	36	0.50	0.081	11	10	0.59	252	0.136	<20	1.22	0.157	0.60	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2	
G1-SMI Prep Blank	37	0.49	0.082	11	10	0.61	255	0.137	<20	1.15	0.130	0.58	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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Part: 4 of 4

QUALITY CONTROL REPORT

SMI13000338.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GS910-4 Expected		2.65	8.27	
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005



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Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: September 30, 2013
Report Date: October 25, 2013
Page: 1 of 6

CERTIFICATE OF ANALYSIS

SMI13000339.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_005
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

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

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

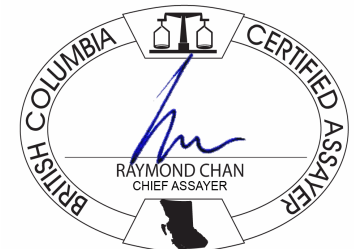
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, RIFL2, P200, 7TD2, 1DX, 2A Leco, and G6.

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302671	Drill Core	4.32	0.003	0.103	<0.02	<0.01	<2	0.001	<0.001	0.05	3.84	<0.02	0.05	<0.001	<0.01	<0.01	3.35	0.13	0.002	1.96	7.69
2302672	Drill Core	2.12	0.047	0.443	<0.02	<0.01	5	0.001	<0.001	0.03	1.95	<0.02	0.03	<0.001	<0.01	<0.01	1.95	0.11	0.002	1.55	6.64
2302673	Drill Core	2.00	0.030	0.380	<0.02	<0.01	4	0.002	<0.001	0.03	1.97	<0.02	0.03	<0.001	<0.01	<0.01	2.25	0.10	0.002	1.58	7.16
2302674	Drill Core	5.47	0.002	0.149	<0.02	<0.01	<2	0.002	<0.001	0.04	3.16	<0.02	0.06	<0.001	<0.01	<0.01	3.20	0.12	0.003	1.92	7.55
2302675	Drill Core	7.25	0.005	0.136	<0.02	<0.01	<2	0.002	<0.001	0.05	3.65	<0.02	0.05	<0.001	<0.01	<0.01	3.69	0.13	0.003	2.46	8.77
2302676	Drill Core	3.49	0.002	0.111	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.68	<0.02	0.04	<0.001	<0.01	<0.01	1.24	0.06	0.001	0.94	7.03
2302677	Rock	4.40	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.57	<0.02	0.05	<0.001	<0.01	<0.01	1.50	0.03	<0.001	0.24	6.33
2302678	Drill Core	3.94	0.002	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.14	<0.02	0.04	<0.001	<0.01	<0.01	1.05	0.06	<0.001	0.85	7.01
2302679	Drill Core	5.04	0.004	0.184	<0.02	<0.01	2	<0.001	<0.001	0.06	3.20	<0.02	0.04	<0.001	<0.01	<0.01	2.90	0.13	0.001	1.67	7.51
2302680	Drill Core	4.33	0.014	0.245	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.78	<0.02	0.03	<0.001	<0.01	<0.01	3.28	0.16	<0.001	1.42	8.10
2302681	Drill Core	3.08	0.035	0.205	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.32	<0.02	0.04	<0.001	<0.01	<0.01	4.12	0.14	<0.001	1.18	7.45
2302682	Drill Core	4.19	0.005	0.296	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.99	<0.02	0.04	<0.001	<0.01	<0.01	3.66	0.16	<0.001	1.07	7.67
2302683	Drill Core	4.42	0.007	0.170	<0.02	0.01	<2	<0.001	<0.001	0.13	4.06	<0.02	0.06	<0.001	<0.01	<0.01	3.96	0.16	<0.001	1.32	7.98
2302684	Drill Core	4.10	0.002	0.271	<0.02	<0.01	<2	<0.001	<0.001	0.12	3.89	<0.02	0.06	<0.001	<0.01	<0.01	3.76	0.16	<0.001	1.26	8.58
2302685	Drill Core	3.78	0.002	0.216	<0.02	0.01	<2	<0.001	<0.001	0.12	3.88	<0.02	0.06	<0.001	<0.01	<0.01	3.80	0.15	<0.001	1.27	8.14
2302686	Drill Core	5.49	0.014	0.203	<0.02	<0.01	<2	<0.001	<0.001	0.11	3.34	<0.02	0.03	<0.001	<0.01	<0.01	5.19	0.12	<0.001	1.10	6.78
2302687	Drill Core	7.39	0.016	0.347	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.32	<0.02	0.03	<0.001	<0.01	<0.01	5.01	0.15	<0.001	1.36	8.08
2302688 Dup of 2302687	CORE DUP		0.015	0.345	<0.02	<0.01	2	<0.001	<0.001	0.08	3.19	<0.02	0.03	<0.001	<0.01	<0.01	4.81	0.15	<0.001	1.27	7.63
2302689	Drill Core	6.58	0.011	0.236	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.48	<0.02	0.03	<0.001	<0.01	<0.01	4.58	0.14	<0.001	1.26	7.59
2302690	Drill Core	5.57	0.016	0.177	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.15	<0.02	0.03	<0.001	<0.01	<0.01	3.66	0.13	<0.001	0.97	8.00
2302691	Drill Core	4.13	0.005	0.195	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.14	<0.02	0.03	<0.001	<0.01	<0.01	3.28	0.12	<0.001	1.05	7.89
2302692	Rock	6.47	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.63	<0.02	0.05	<0.001	<0.01	<0.01	1.53	0.03	<0.001	0.24	6.53
2302693	Drill Core	4.72	0.004	0.340	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.56	<0.02	0.04	<0.001	<0.01	<0.01	3.13	0.10	0.001	1.16	7.22
2302694	Drill Core	6.55	0.005	0.294	<0.02	0.02	<2	<0.001	<0.001	0.16	3.05	<0.02	0.03	<0.001	<0.01	<0.01	4.35	0.13	<0.001	1.34	7.04
2302695	Rock Pulp	0.16	0.030	0.251	<0.02	0.05	2	0.002	<0.001	0.10	5.01	<0.02	0.02	<0.001	<0.01	<0.01	1.25	0.08	0.003	0.79	6.22
2302696	Drill Core	3.26	0.002	0.331	<0.02	<0.01	<2	<0.001	<0.001	0.11	3.17	<0.02	0.04	<0.001	<0.01	<0.01	3.68	0.14	<0.001	1.34	8.16
2302697	Drill Core	4.68	0.005	0.480	<0.02	<0.01	3	<0.001	<0.001	0.06	1.80	<0.02	0.04	<0.001	<0.01	<0.01	2.35	0.12	<0.001	1.09	6.37
2302698	Drill Core	3.43	0.033	0.589	<0.02	<0.01	9	<0.001	<0.001	0.04	1.39	<0.02	0.04	<0.001	<0.01	<0.01	1.97	0.09	0.001	1.35	7.66
2302699	Drill Core	7.71	0.022	0.252	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.85	<0.02	0.05	<0.001	<0.01	<0.01	3.93	0.15	<0.001	1.29	8.75
2302700	Drill Core	6.86	0.003	0.150	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.13	<0.02	0.05	<0.001	<0.01	<0.01	3.46	0.15	<0.001	1.12	7.99

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302671	Drill Core	3.94	1.69	<0.01	0.17	28.6	1091.3	0.9	40	0.7	15.1	11.9	467	3.33	2.9	55.4	1.0	102	<0.1	0.1	1.1
2302672	Drill Core	4.56	1.64	<0.01	0.25	461.6	4501.9	3.7	33	4.4	14.9	6.9	323	1.85	1.5	393.2	2.6	47	<0.1	0.5	6.0
2302673	Drill Core	4.37	1.70	<0.01	0.21	292.5	3846.9	2.9	31	3.0	13.7	6.5	333	1.80	1.0	213.8	2.7	62	<0.1	0.4	5.2
2302674	Drill Core	4.35	1.34	<0.01	0.19	21.0	1602.1	0.8	36	1.3	20.1	9.7	466	2.89	1.5	130.3	1.4	265	<0.1	0.1	1.8
2302675	Drill Core	4.11	1.31	<0.01	0.17	29.3	1376.8	1.0	35	1.2	23.8	11.6	458	3.09	2.7	196.3	0.8	63	<0.1	0.2	2.5
2302676	Drill Core	3.65	1.70	<0.01	0.09	20.4	1163.0	1.2	22	0.6	8.2	4.3	227	1.60	0.7	100.9	4.2	54	<0.1	0.1	0.4
2302677	Rock	2.89	1.67	<0.01	<0.05	0.6	12.6	2.6	52	<0.1	1.4	2.5	358	1.60	0.6	7.6	8.4	27	<0.1	<0.1	<0.1
2302678	Drill Core	3.99	1.88	<0.01	0.08	17.5	775.1	0.8	20	0.2	9.3	3.2	201	1.09	1.2	68.2	3.6	80	<0.1	0.4	0.3
2302679	Drill Core	3.32	1.42	<0.01	0.14	39.1	1913.4	2.2	55	2.1	9.5	10.8	618	2.86	1.1	325.3	1.3	217	<0.1	0.1	2.3
2302680	Drill Core	2.99	1.59	<0.01	0.15	143.7	2480.1	1.9	35	1.7	6.1	6.3	441	2.21	0.7	324.0	0.7	89	<0.1	0.1	1.9
2302681	Drill Core	2.87	1.69	<0.01	0.15	338.0	2038.7	3.8	48	1.4	3.0	8.0	742	2.72	2.0	167.8	0.8	107	<0.1	0.3	1.5
2302682	Drill Core	3.44	1.31	<0.01	0.28	44.5	2985.5	1.3	57	1.1	2.7	10.2	845	3.43	1.8	129.1	0.4	63	<0.1	0.2	0.8
2302683	Drill Core	3.74	0.95	<0.01	0.43	66.3	1713.3	2.0	104	0.9	3.2	9.8	1269	3.46	3.1	76.3	0.5	89	<0.1	0.5	0.7
2302684	Drill Core	3.96	0.93	<0.01	0.71	20.8	2773.0	2.6	90	1.5	2.9	9.0	1088	3.30	3.8	501.8	0.5	132	<0.1	0.5	1.4
2302685	Drill Core	3.97	0.90	<0.01	0.68	23.5	2213.0	2.2	94	1.2	3.0	9.3	1110	3.35	3.9	190.5	0.5	130	<0.1	0.5	0.9
2302686	Drill Core	1.51	1.96	<0.01	0.87	136.4	2053.1	3.2	76	1.5	4.5	6.8	1081	2.70	1.4	220.1	0.8	213	<0.1	0.3	2.2
2302687	Drill Core	1.91	1.96	<0.01	1.37	148.4	3491.0	3.8	70	2.4	4.3	7.9	820	2.89	1.8	430.8	0.5	241	<0.1	0.1	2.7
2302688 Dup of 2302687	CORE DUP	2.17	1.90	<0.01	1.12	148.1	3366.1	3.4	64	2.3	4.3	7.5	793	2.70	1.6	246.4	0.5	206	<0.1	<0.1	2.4
2302689	Drill Core	2.21	1.56	<0.01	0.88	117.8	2365.9	2.8	65	1.0	4.1	8.4	788	2.91	1.8	226.9	0.7	195	<0.1	<0.1	1.2
2302690	Drill Core	2.91	2.08	<0.01	0.17	155.8	1744.1	1.8	50	1.3	4.5	6.8	661	2.48	0.7	91.9	0.7	109	<0.1	<0.1	1.4
2302691	Drill Core	2.90	1.53	<0.01	0.18	48.3	1897.1	2.1	51	1.1	5.8	6.7	618	2.49	0.6	217.9	0.9	96	<0.1	<0.1	1.3
2302692	Rock	2.90	1.62	<0.01	<0.05	0.9	12.7	2.5	50	<0.1	1.1	2.3	342	1.59	<0.5	18.8	8.0	29	<0.1	<0.1	<0.1
2302693	Drill Core	3.97	1.35	<0.01	0.30	24.2	3374.5	2.3	60	1.3	8.6	7.4	696	2.29	1.0	249.2	1.4	101	<0.1	0.2	1.5
2302694	Drill Core	2.21	1.63	<0.01	0.26	43.2	2920.1	2.6	152	1.7	3.9	7.7	1554	2.52	<0.5	90.6	0.7	72	0.3	0.4	0.9
2302695	Rock Pulp	0.89	2.43	<0.01	2.20	266.4	2539.7	79.7	436	2.8	13.0	11.2	770	4.36	28.8	267.7	3.2	51	2.0	1.2	1.1
2302696	Drill Core	3.59	1.86	<0.01	0.34	22.7	3278.7	1.8	86	1.0	5.5	8.6	1047	2.76	1.0	92.6	0.7	74	<0.1	0.2	0.6
2302697	Drill Core	5.14	1.12	<0.01	0.35	35.6	4583.1	2.5	46	3.4	7.7	5.4	539	1.63	1.3	533.8	0.8	44	<0.1	0.7	5.0
2302698	Drill Core	5.24	0.90	<0.01	0.30	293.0	5686.5	4.6	34	9.7	9.1	4.1	376	1.29	1.7	804.9	1.0	41	0.1	0.7	7.0
2302699	Drill Core	3.13	1.74	<0.01	0.29	222.3	2605.9	1.8	42	1.6	2.4	8.8	614	3.33	0.6	206.5	0.6	116	<0.1	0.1	2.3
2302700	Drill Core	3.92	1.51	<0.01	0.32	28.9	1529.7	1.4	42	0.8	2.5	9.1	533	3.45	1.0	89.9	0.6	102	<0.1	0.2	0.8

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
2302671	Drill Core	147	2.66	0.130	10	26	2.02	140	0.096	<20	1.88	0.106	0.18	1.0	<0.01	10.1	<0.1	0.17	9	<0.5	<0.2
2302672	Drill Core	84	1.93	0.109	8	27	1.63	93	0.030	<20	1.34	0.078	0.10	0.7	0.04	5.5	<0.1	0.27	8	3.2	1.0
2302673	Drill Core	79	2.10	0.097	9	23	1.60	152	0.032	<20	1.36	0.073	0.12	1.2	0.02	5.4	<0.1	0.21	8	3.5	0.8
2302674	Drill Core	142	3.05	0.119	9	34	2.06	1712	0.054	<20	1.90	0.100	0.16	0.7	0.03	9.1	<0.1	0.18	10	<0.5	<0.2
2302675	Drill Core	170	2.65	0.126	8	36	2.37	85	0.121	<20	2.04	0.096	0.17	5.8	0.03	10.5	<0.1	0.16	11	0.6	<0.2
2302676	Drill Core	42	1.09	0.060	10	16	0.95	255	0.030	<20	0.92	0.070	0.13	2.2	<0.01	2.6	<0.1	0.09	5	<0.5	<0.2
2302677	Rock	14	0.23	0.033	13	4	0.26	83	0.078	<20	0.69	0.106	0.33	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2302678	Drill Core	31	0.99	0.056	7	11	0.81	454	0.015	<20	0.60	0.065	0.11	0.3	<0.01	1.8	<0.1	0.08	4	<0.5	<0.2
2302679	Drill Core	57	2.90	0.141	11	7	1.65	1162	0.005	<20	1.16	0.049	0.22	0.8	<0.01	5.0	<0.1	0.14	5	1.7	0.3
2302680	Drill Core	39	3.11	0.163	10	3	1.29	235	0.010	<20	1.56	0.053	0.34	0.4	<0.01	2.2	<0.1	0.15	6	0.7	0.2
2302681	Drill Core	35	3.86	0.139	11	3	1.10	156	0.005	<20	1.76	0.045	0.25	0.8	0.03	2.9	0.1	0.15	6	1.2	<0.2
2302682	Drill Core	45	2.97	0.153	10	3	1.09	57	0.020	<20	1.79	0.083	0.18	0.4	0.01	3.1	<0.1	0.27	7	<0.5	<0.2
2302683	Drill Core	67	2.81	0.157	8	4	1.34	64	0.080	<20	1.97	0.114	0.12	5.6	<0.01	4.1	<0.1	0.40	8	0.8	<0.2
2302684	Drill Core	60	2.59	0.161	7	4	1.27	212	0.128	<20	1.76	0.120	0.11	1.7	<0.01	4.1	<0.1	0.68	8	1.9	<0.2
2302685	Drill Core	62	2.72	0.157	7	4	1.31	207	0.126	<20	1.79	0.122	0.11	1.7	<0.01	4.1	<0.1	0.64	8	1.5	<0.2
2302686	Drill Core	41	4.95	0.118	9	5	1.00	241	0.002	<20	1.60	0.026	0.25	1.9	<0.01	2.8	<0.1	0.85	5	2.2	<0.2
2302687	Drill Core	31	4.85	0.141	6	2	1.26	177	<0.001	<20	2.05	0.023	0.23	0.7	<0.01	2.4	<0.1	1.28	5	2.6	0.3
2302688 Dup of 2302687	CORE DUP	30	4.47	0.136	6	2	1.14	160	<0.001	<20	1.91	0.028	0.23	0.7	<0.01	2.3	<0.1	1.05	5	3.0	<0.2
2302689	Drill Core	34	4.41	0.142	8	3	1.18	279	0.001	<20	1.71	0.035	0.25	0.7	<0.01	2.6	<0.1	0.85	5	1.8	<0.2
2302690	Drill Core	27	3.66	0.131	9	2	0.87	212	0.001	<20	0.99	0.039	0.25	1.0	<0.01	2.3	<0.1	0.16	3	1.5	<0.2
2302691	Drill Core	30	3.15	0.114	9	6	0.95	289	0.002	<20	1.15	0.045	0.23	0.7	<0.01	2.2	<0.1	0.18	4	1.2	<0.2
2302692	Rock	13	0.24	0.032	14	3	0.25	80	0.073	<20	0.70	0.123	0.33	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2302693	Drill Core	36	3.00	0.103	10	13	1.16	551	0.005	<20	1.43	0.063	0.17	0.7	<0.01	2.3	<0.1	0.28	7	2.3	<0.2
2302694	Drill Core	41	4.03	0.128	9	4	1.28	185	0.003	<20	1.72	0.045	0.28	1.4	0.03	2.5	<0.1	0.27	6	2.0	<0.2
2302695	Rock Pulp	30	0.82	0.072	4	18	0.60	59	0.033	<20	1.66	0.052	0.29	0.9	0.05	2.2	0.2	2.21	4	3.4	0.7
2302696	Drill Core	56	3.38	0.137	9	6	1.29	251	0.005	<20	1.77	0.068	0.27	1.4	<0.01	3.1	<0.1	0.31	7	1.6	<0.2
2302697	Drill Core	55	2.26	0.130	8	8	1.09	77	0.005	<20	1.21	0.070	0.14	2.4	<0.01	3.4	<0.1	0.35	6	3.5	0.3
2302698	Drill Core	69	1.85	0.088	7	18	1.29	125	0.020	<20	1.17	0.084	0.11	7.0	0.02	5.9	<0.1	0.29	7	6.8	0.4
2302699	Drill Core	58	3.09	0.143	9	3	1.25	185	0.024	<20	1.93	0.129	0.24	4.2	<0.01	3.2	<0.1	0.28	8	1.8	0.4
2302700	Drill Core	56	2.78	0.144	8	3	1.13	230	0.044	<20	1.66	0.098	0.22	3.6	<0.01	3.1	<0.1	0.31	8	0.8	<0.2

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Project: 204920

Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000339.1

Method Analyte	2A Leco	2A Leco	G6 Au	
				TOT/C
Unit	%	%		
MDL	0.02	0.02	0.005	
2302671	Drill Core	0.58	0.17	0.085
2302672	Drill Core	0.43	0.27	0.630
2302673	Drill Core	0.50	0.21	0.472
2302674	Drill Core	0.78	0.19	0.147
2302675	Drill Core	0.57	0.16	0.178
2302676	Drill Core	0.27	0.08	0.128
2302677	Rock	<0.02	<0.02	<0.005
2302678	Drill Core	0.41	0.08	0.065
2302679	Drill Core	1.57	0.14	0.366
2302680	Drill Core	0.98	0.15	0.293
2302681	Drill Core	1.10	0.17	0.198
2302682	Drill Core	0.70	0.30	0.151
2302683	Drill Core	0.53	0.43	0.142
2302684	Drill Core	0.35	0.70	0.361
2302685	Drill Core	0.38	0.69	0.236
2302686	Drill Core	1.28	0.86	0.281
2302687	Drill Core	1.05	1.35	0.386
2302688 Dup of 2302687	CORE DUP	1.09	1.08	0.359
2302689	Drill Core	1.27	0.88	0.231
2302690	Drill Core	1.45	0.17	0.130
2302691	Drill Core	1.25	0.18	0.150
2302692	Rock	<0.02	<0.02	<0.005
2302693	Drill Core	0.87	0.30	0.251
2302694	Drill Core	1.16	0.29	0.151
2302695	Rock Pulp	0.15	2.24	0.310
2302696	Drill Core	0.89	0.31	0.115
2302697	Drill Core	0.55	0.38	0.464
2302698	Drill Core	0.45	0.31	0.862
2302699	Drill Core	0.67	0.26	0.252
2302700	Drill Core	0.57	0.35	0.087

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302701	Drill Core	6.69	0.004	0.195	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.29	<0.02	0.05	<0.001	<0.01	<0.01	4.14	0.15	<0.001	1.17	8.73
2302702	Drill Core	1.88	0.004	0.221	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.60	<0.02	0.05	<0.001	<0.01	<0.01	3.99	0.15	<0.001	1.15	9.01
2302703	Drill Core	2.00	0.004	0.263	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.70	<0.02	0.05	<0.001	<0.01	<0.01	4.03	0.15	<0.001	1.21	9.44
2302704	Drill Core	7.63	0.004	0.282	<0.02	<0.01	4	<0.001	<0.001	0.09	3.22	<0.02	0.06	<0.001	<0.01	<0.01	8.29	0.12	<0.001	1.33	8.08
2302705	Drill Core	7.27	0.002	0.124	<0.02	<0.01	<2	0.002	<0.001	0.13	2.94	<0.02	0.10	<0.001	<0.01	<0.01	14.43	0.07	0.001	1.52	5.03
2302706	Rock Pulp	0.15	0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.38	<0.02	0.05	<0.001	<0.01	<0.01	2.00	0.06	0.001	0.56	8.20
2302707	Drill Core	4.85	0.005	0.235	<0.02	<0.01	2	0.002	0.001	0.12	3.61	<0.02	0.06	<0.001	<0.01	<0.01	10.55	0.09	0.001	1.56	6.65
2302708	Drill Core	5.80	0.011	0.264	<0.02	<0.01	3	0.001	0.001	0.08	2.92	<0.02	0.04	<0.001	<0.01	<0.01	4.71	0.11	0.001	1.28	8.48
2302709	Drill Core	4.72	0.001	0.201	<0.02	<0.01	4	0.002	0.002	0.09	4.44	<0.02	0.03	<0.001	<0.01	<0.01	5.37	0.14	0.001	1.73	9.24
2302710	Rock	6.61	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.60	<0.02	0.05	<0.001	<0.01	<0.01	1.60	0.03	<0.001	0.24	7.50
2302711	Drill Core	7.37	0.021	0.505	<0.02	<0.01	3	0.002	0.002	0.09	5.78	<0.02	0.03	<0.001	<0.01	<0.01	4.00	0.12	0.003	1.67	8.88
2302712	Drill Core	7.33	0.003	0.191	<0.02	<0.01	2	0.002	0.002	0.09	5.32	<0.02	0.03	<0.001	<0.01	<0.01	4.29	0.12	0.002	1.96	9.04
2302713	Drill Core	6.57	0.015	0.281	<0.02	<0.01	3	0.001	0.001	0.09	4.65	<0.02	0.03	<0.001	<0.01	<0.01	3.95	0.12	0.002	1.93	8.71
2302714	Drill Core	6.96	0.009	0.273	<0.02	<0.01	3	0.002	0.001	0.11	5.02	<0.02	0.03	<0.001	<0.01	<0.01	3.84	0.13	0.003	1.98	8.88
2302715	Drill Core	5.03	0.007	0.106	<0.02	<0.01	2	0.002	0.001	0.12	4.70	<0.02	0.05	<0.001	<0.01	<0.01	6.55	0.09	0.003	2.02	7.75
2302716	Drill Core	6.09	0.007	0.109	<0.02	<0.01	3	0.002	0.001	0.09	4.84	<0.02	0.03	<0.001	<0.01	<0.01	4.33	0.11	0.003	1.79	8.23
2302717 Dup of 2302716	CORE DUP		0.007	0.101	<0.02	<0.01	2	0.001	0.001	0.09	4.83	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.11	0.003	1.75	8.05
2302718	Drill Core	8.06	0.001	0.028	<0.02	<0.01	<2	0.001	0.002	0.11	6.02	<0.02	0.04	<0.001	<0.01	<0.01	4.88	0.12	0.003	1.57	8.55
2302719	Drill Core	7.01	0.006	0.099	<0.02	<0.01	2	0.001	0.002	0.13	5.17	<0.02	0.05	<0.001	<0.01	<0.01	5.38	0.11	0.002	1.72	8.78
2302720	Drill Core	7.12	0.004	0.112	<0.02	<0.01	<2	0.001	0.001	0.11	5.34	<0.02	0.04	<0.001	<0.01	<0.01	4.45	0.12	0.002	1.56	8.37
2302721	Drill Core	6.84	0.002	0.122	<0.02	<0.01	3	0.001	0.001	0.10	4.93	<0.02	0.05	<0.001	<0.01	<0.01	5.64	0.11	0.003	1.48	8.53
2302722	Drill Core	6.77	0.023	0.176	<0.02	<0.01	2	0.002	0.001	0.09	4.82	<0.02	0.03	<0.001	<0.01	<0.01	4.30	0.13	0.003	1.44	7.92
2302723	Drill Core	7.55	0.004	0.183	<0.02	<0.01	2	0.002	0.001	0.10	4.40	<0.02	0.02	<0.001	<0.01	<0.01	4.72	0.12	0.002	1.54	6.85
2302724	Rock Pulp	0.15	0.029	0.247	<0.02	0.05	4	0.002	0.001	0.11	5.31	<0.02	0.02	<0.001	<0.01	<0.01	1.48	0.08	0.004	0.81	7.86
2302725	Drill Core	7.27	0.004	0.281	<0.02	<0.01	3	0.002	0.001	0.08	3.76	<0.02	0.05	<0.001	<0.01	<0.01	5.68	0.11	0.003	1.87	8.40
2302726	Drill Core	7.58	0.003	0.156	<0.02	<0.01	2	0.002	0.001	0.11	5.15	<0.02	0.05	<0.001	<0.01	<0.01	4.76	0.12	0.002	1.85	9.13
2302727	Drill Core	7.08	0.024	0.236	<0.02	<0.01	3	0.001	0.002	0.11	5.77	<0.02	0.05	<0.001	<0.01	<0.01	4.08	0.12	0.003	1.90	9.36
2302728 Dup of 2302727	CORE DUP		0.021	0.200	<0.02	<0.01	4	0.001	0.002	0.11	5.61	<0.02	0.05	<0.001	<0.01	<0.01	4.04	0.13	0.002	1.89	9.53
2302729	Drill Core	7.43	0.014	0.171	<0.02	<0.01	2	0.001	0.002	0.11	6.15	<0.02	0.05	<0.001	<0.01	<0.01	4.96	0.13	0.002	2.16	9.29
2302730	Drill Core	7.47	0.005	0.212	<0.02	<0.01	<2	<0.001	0.001	0.08	4.91	<0.02	0.05	<0.001	<0.01	<0.01	5.04	0.12	0.002	1.69	8.62



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Project: 204920
 Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302701	Drill Core	3.46	1.51	<0.01	0.50	36.7	1924.8	1.5	47	0.9	2.2	9.9	591	3.42	1.3	83.4	0.6	146	<0.1	0.1	0.7
2302702	Drill Core	3.15	1.73	<0.01	0.73	37.0	2253.8	1.7	37	1.3	3.3	8.6	520	2.91	1.4	176.0	0.6	185	<0.1	<0.1	1.7
2302703	Drill Core	3.17	2.07	<0.01	0.77	41.6	2663.7	1.9	37	1.5	2.8	9.2	526	2.96	0.9	160.0	0.6	168	<0.1	0.1	1.5
2302704	Drill Core	2.22	1.46	<0.01	2.20	38.6	2839.6	2.7	44	2.2	7.0	8.4	867	2.75	0.8	182.0	0.5	414	0.3	0.1	2.1
2302705	Drill Core	0.57	1.68	<0.01	6.11	21.7	1242.9	3.0	50	0.2	16.5	9.9	1358	2.63	<0.5	125.1	0.4	896	0.2	<0.1	0.3
2302706	Rock Pulp	3.12	2.49	<0.01	0.20	12.2	186.0	13.4	44	<0.1	7.5	5.7	234	1.99	2.7	<0.5	3.4	49	<0.1	0.1	<0.1
2302707	Drill Core	1.59	1.55	<0.01	4.08	43.1	2238.6	2.7	59	0.3	18.0	11.5	1165	3.09	<0.5	155.7	0.7	565	<0.1	<0.1	0.4
2302708	Drill Core	3.41	1.97	<0.01	0.77	99.8	2519.2	2.8	47	1.8	13.8	8.9	731	2.39	1.8	350.7	0.9	187	0.1	0.5	1.5
2302709	Drill Core	2.26	2.04	<0.01	0.72	13.4	1955.4	2.2	64	1.1	18.0	14.0	828	3.43	1.3	149.1	0.8	188	<0.1	<0.1	1.0
2302710	Rock	2.96	2.74	<0.01	<0.05	0.4	13.4	2.7	50	<0.1	1.6	2.3	345	1.54	<0.5	17.9	8.3	25	<0.1	<0.1	<0.1
2302711	Drill Core	2.21	2.08	<0.01	0.56	195.9	4947.6	2.6	70	1.8	16.2	20.3	886	4.41	<0.5	218.6	0.8	106	<0.1	<0.1	3.2
2302712	Drill Core	2.51	2.06	<0.01	0.56	34.6	1973.9	2.2	87	1.1	17.7	18.3	890	4.39	1.1	119.4	1.0	151	<0.1	<0.1	1.2
2302713	Drill Core	2.92	1.55	<0.01	0.27	144.4	2932.9	3.0	71	1.5	13.0	14.3	902	4.10	1.1	192.6	0.8	151	<0.1	0.1	1.6
2302714	Drill Core	3.34	1.37	<0.01	0.28	90.5	2800.7	2.6	85	1.2	16.8	15.3	1071	4.33	0.9	319.7	0.8	115	<0.1	0.1	1.3
2302715	Drill Core	2.51	1.50	<0.01	1.16	66.3	1080.8	2.8	65	0.6	15.8	13.0	1159	3.78	1.1	182.1	0.7	267	0.3	0.2	1.1
2302716	Drill Core	2.80	1.75	<0.01	0.35	71.8	1125.8	2.4	68	1.0	16.0	14.5	933	3.97	1.1	188.6	1.0	145	0.1	<0.1	0.8
2302717 Dup of 2302716	CORE DUP	2.86	1.69	<0.01	0.32	75.5	1049.1	2.4	68	0.8	16.2	14.8	924	4.08	1.0	151.8	1.0	140	<0.1	<0.1	0.7
2302718	Drill Core	2.84	1.48	<0.01	0.25	18.6	298.3	1.8	68	0.2	15.4	16.9	1055	4.71	1.1	29.9	0.9	135	<0.1	0.1	0.2
2302719	Drill Core	3.34	0.97	<0.01	0.36	62.2	1022.2	1.6	60	0.2	13.0	14.3	1075	4.14	1.6	44.3	0.8	162	<0.1	0.2	0.3
2302720	Drill Core	3.31	1.49	<0.01	0.50	35.5	1164.0	1.9	67	0.6	13.0	15.1	1029	4.20	1.4	63.4	0.8	162	<0.1	0.1	0.7
2302721	Drill Core	2.93	1.65	<0.01	0.80	26.9	1267.5	2.2	71	0.7	13.3	13.6	1018	3.88	1.2	131.8	0.9	200	0.2	0.1	0.9
2302722	Drill Core	2.79	1.77	<0.01	0.14	240.6	1881.0	3.1	62	1.3	16.4	14.3	928	3.96	1.3	82.3	0.9	100	<0.1	0.2	1.2
2302723	Drill Core	2.40	1.82	<0.01	0.18	42.7	1914.6	2.7	62	0.8	12.6	13.2	1014	3.73	1.4	269.2	0.8	99	<0.1	<0.1	0.6
2302724	Rock Pulp	0.89	2.55	<0.01	2.10	287.5	2627.7	85.9	443	3.1	13.2	11.4	795	4.53	28.5	432.3	3.3	56	2.3	1.3	1.1
2302725	Drill Core	3.24	1.38	<0.01	1.58	42.9	2923.4	2.0	58	2.1	13.3	12.2	825	3.27	1.5	251.2	0.9	301	<0.1	<0.1	2.0
2302726	Drill Core	4.00	0.75	<0.01	0.50	36.9	1647.4	1.2	59	0.7	12.1	13.4	867	4.13	2.8	135.8	0.7	90	<0.1	0.4	0.5
2302727	Drill Core	3.74	0.77	<0.01	0.31	245.0	2484.3	1.4	72	1.1	15.0	16.7	783	4.75	2.5	86.8	0.9	68	<0.1	0.3	0.3
2302728 Dup of 2302727	CORE DUP	3.78	0.79	<0.01	0.26	208.9	2072.2	1.2	67	1.0	13.6	16.4	738	4.48	2.4	69.8	0.8	64	<0.1	0.3	0.3
2302729	Drill Core	3.55	0.83	<0.01	0.26	144.1	1766.3	1.4	65	0.5	13.8	18.7	901	5.02	2.2	74.1	0.7	105	<0.1	0.3	0.1
2302730	Drill Core	2.64	1.59	<0.01	1.28	48.8	2186.1	1.7	75	0.5	9.4	13.7	798	4.26	1.3	85.9	0.7	250	<0.1	0.1	0.2

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302701	Drill Core	42	3.00	0.134	8	2	1.15	316	0.040	<20	1.71	0.093	0.20	1.9	<0.01	3.0	<0.1	0.46	8	<0.5	<0.2
2302702	Drill Core	29	3.42	0.139	8	2	1.05	281	0.020	<20	1.53	0.059	0.25	2.8	<0.01	2.7	<0.1	0.69	6	1.1	<0.2
2302703	Drill Core	34	3.45	0.152	8	2	1.11	281	0.023	<20	1.57	0.054	0.25	3.5	<0.01	2.7	<0.1	0.74	6	1.2	<0.2
2302704	Drill Core	27	8.23	0.117	6	3	1.19	81	0.002	<20	1.54	0.033	0.24	2.7	<0.01	2.2	<0.1	2.27	4	1.4	<0.2
2302705	Drill Core	32	14.53	0.069	3	5	1.42	58	<0.001	<20	1.21	0.011	0.16	0.5	<0.01	3.0	<0.1	5.57	3	<0.5	<0.2
2302706	Rock Pulp	26	0.93	0.059	11	11	0.45	38	0.023	<20	0.86	0.071	0.15	0.4	<0.01	1.5	<0.1	0.20	4	<0.5	<0.2
2302707	Drill Core	45	10.15	0.090	4	8	1.40	88	<0.001	<20	1.39	0.023	0.20	0.6	<0.01	4.5	<0.1	3.70	3	1.0	<0.2
2302708	Drill Core	41	4.47	0.108	5	6	1.12	164	<0.001	<20	1.08	0.039	0.21	0.5	0.01	4.7	<0.1	0.71	3	2.1	0.2
2302709	Drill Core	51	5.02	0.130	6	6	1.50	70	0.001	<20	1.47	0.034	0.30	0.7	<0.01	4.6	<0.1	0.68	3	0.6	<0.2
2302710	Rock	13	0.24	0.030	12	3	0.25	68	0.071	<20	0.62	0.090	0.28	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
2302711	Drill Core	88	3.64	0.115	6	18	1.52	247	0.011	<20	2.11	0.052	0.28	0.6	0.01	6.4	<0.1	0.55	7	2.1	<0.2
2302712	Drill Core	85	4.22	0.119	7	15	1.84	108	0.007	<20	2.15	0.044	0.26	6.2	<0.01	6.5	<0.1	0.54	7	0.6	<0.2
2302713	Drill Core	93	3.82	0.117	10	18	1.90	363	0.012	<20	2.41	0.063	0.23	4.2	<0.01	6.1	<0.1	0.29	9	2.6	<0.2
2302714	Drill Core	105	3.67	0.120	9	26	1.89	211	0.004	<20	2.69	0.079	0.23	1.3	<0.01	6.8	<0.1	0.30	9	2.4	0.2
2302715	Drill Core	68	6.49	0.090	6	18	1.93	313	<0.001	<20	1.64	0.033	0.20	1.3	0.01	7.8	<0.1	1.09	5	1.4	<0.2
2302716	Drill Core	89	4.14	0.109	8	23	1.74	131	0.002	<20	2.04	0.060	0.25	0.5	0.01	6.9	<0.1	0.35	6	<0.5	<0.2
2302717 Dup of 2302716	CORE DUP	90	4.06	0.113	8	23	1.74	120	0.002	<20	2.07	0.059	0.25	0.5	<0.01	7.4	<0.1	0.32	6	<0.5	<0.2
2302718	Drill Core	127	3.87	0.114	8	33	1.49	133	0.012	<20	1.87	0.105	0.22	6.3	<0.01	8.9	<0.1	0.25	7	<0.5	<0.2
2302719	Drill Core	130	3.73	0.115	7	27	1.43	327	0.053	<20	1.82	0.129	0.14	26.7	0.01	8.6	<0.1	0.37	7	<0.5	<0.2
2302720	Drill Core	106	4.00	0.118	8	22	1.48	341	0.011	<20	1.80	0.075	0.22	1.5	<0.01	9.0	<0.1	0.50	7	<0.5	<0.2
2302721	Drill Core	95	5.03	0.115	9	22	1.40	366	0.008	<20	1.50	0.063	0.22	12.4	<0.01	8.2	<0.1	0.79	5	<0.5	<0.2
2302722	Drill Core	102	4.23	0.133	9	21	1.46	183	0.005	<20	1.89	0.057	0.28	1.9	<0.01	8.2	<0.1	0.17	6	1.4	<0.2
2302723	Drill Core	79	4.79	0.134	8	10	1.62	162	0.003	<20	1.58	0.043	0.29	0.7	<0.01	7.9	<0.1	0.21	5	<0.5	<0.2
2302724	Rock Pulp	32	0.85	0.072	4	20	0.62	65	0.040	<20	1.79	0.056	0.31	1.4	0.04	2.6	0.2	2.23	5	3.4	0.7
2302725	Drill Core	89	5.33	0.112	7	23	1.79	153	0.011	<20	1.85	0.050	0.19	1.0	<0.01	7.3	<0.1	1.60	7	2.2	0.3
2302726	Drill Core	158	2.86	0.127	6	27	1.52	197	0.156	<20	1.78	0.143	0.10	6.9	<0.01	7.4	<0.1	0.50	8	1.1	<0.2
2302727	Drill Core	169	2.04	0.124	6	33	1.62	209	0.197	<20	2.12	0.191	0.11	21.6	0.01	8.4	<0.1	0.34	9	1.4	<0.2
2302728 Dup of 2302727	CORE DUP	161	1.89	0.125	6	31	1.53	185	0.187	<20	2.03	0.187	0.11	19.5	<0.01	8.2	<0.1	0.28	9	<0.5	<0.2
2302729	Drill Core	190	3.21	0.122	6	18	1.87	542	0.162	<20	2.31	0.136	0.12	9.8	<0.01	10.0	<0.1	0.26	9	0.5	<0.2
2302730	Drill Core	79	4.40	0.123	7	12	1.65	151	0.013	<20	2.49	0.077	0.22	0.4	<0.01	4.7	<0.1	1.22	8	1.3	<0.2

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Project: 204920

Report Date: October 25, 2013

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2302701	Drill Core	0.64	0.48	0.084
2302702	Drill Core	0.70	0.72	0.157
2302703	Drill Core	0.66	0.73	0.141
2302704	Drill Core	1.91	2.35	0.196
2302705	Drill Core	2.88	5.77	0.181
2302706	Rock Pulp	0.19	0.21	<0.005
2302707	Drill Core	2.37	3.81	0.107
2302708	Drill Core	1.70	0.76	0.196
2302709	Drill Core	1.99	0.74	0.126
2302710	Rock	<0.02	<0.02	<0.005
2302711	Drill Core	1.18	0.65	0.470
2302712	Drill Core	1.46	0.58	0.115
2302713	Drill Core	1.12	0.30	0.202
2302714	Drill Core	1.07	0.32	0.394
2302715	Drill Core	2.33	1.20	0.154
2302716	Drill Core	1.50	0.37	0.163
2302717 Dup of 2302716	CORE DUP	1.44	0.35	0.139
2302718	Drill Core	1.15	0.27	0.024
2302719	Drill Core	0.98	0.41	0.035
2302720	Drill Core	1.23	0.52	0.079
2302721	Drill Core	1.59	0.81	0.156
2302722	Drill Core	1.42	0.17	0.103
2302723	Drill Core	1.94	0.20	0.133
2302724	Rock Pulp	0.15	2.24	0.318
2302725	Drill Core	1.38	1.64	0.286
2302726	Drill Core	0.47	0.54	0.115
2302727	Drill Core	0.31	0.37	0.084
2302728 Dup of 2302727	CORE DUP	0.28	0.29	0.077
2302729	Drill Core	0.70	0.27	0.068
2302730	Drill Core	0.80	1.30	0.091

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302731	Drill Core	4.14	0.006	0.280	<0.02	<0.01	3	<0.001	0.002	0.10	5.09	<0.02	0.05	<0.001	<0.01	<0.01	3.41	0.13	0.002	2.10	9.10
2302732	Drill Core	3.22	0.002	0.067	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.46	<0.02	0.04	<0.001	<0.01	<0.01	3.97	0.14	<0.001	1.04	8.50
2302733	Drill Core	3.22	0.001	0.053	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.37	<0.02	0.04	<0.001	<0.01	<0.01	4.69	0.13	<0.001	1.06	8.44
2302734	Drill Core	6.57	0.002	0.054	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.64	<0.02	0.04	<0.001	<0.01	<0.01	4.06	0.14	<0.001	1.21	9.25
2302735	Drill Core	7.17	0.002	0.050	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.48	<0.02	0.05	<0.001	<0.01	<0.01	3.83	0.14	<0.001	1.23	9.68
2302736	Drill Core	6.92	0.005	0.234	<0.02	<0.01	3	<0.001	<0.001	0.05	3.73	<0.02	0.04	<0.001	<0.01	<0.01	3.80	0.13	<0.001	0.88	8.22
2302737	Rock	4.79	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.60	<0.02	0.05	<0.001	<0.01	<0.01	1.60	0.03	<0.001	0.25	7.33
2302738	Drill Core	6.15	0.003	0.108	<0.02	<0.01	3	<0.001	<0.001	0.05	4.21	<0.02	0.04	<0.001	<0.01	<0.01	3.27	0.15	<0.001	0.99	9.10
2302739	Drill Core	7.09	0.007	0.112	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.49	<0.02	0.03	<0.001	<0.01	<0.01	3.19	0.13	<0.001	1.16	8.25
2302740	Drill Core	7.07	0.002	0.133	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.94	<0.02	0.04	<0.001	<0.01	<0.01	2.45	0.14	<0.001	1.33	8.33
2302741	Drill Core	3.82	0.011	0.092	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.44	<0.02	0.04	<0.001	<0.01	<0.01	2.54	0.11	<0.001	1.05	7.53
2302742	Drill Core	7.45	0.007	0.044	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.27	<0.02	0.05	<0.001	<0.01	<0.01	2.29	0.14	<0.001	1.43	8.41
2302743	Drill Core	7.74	0.003	0.099	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.11	<0.02	0.04	<0.001	<0.01	<0.01	2.93	0.13	<0.001	1.08	8.37
2302744	Rock	5.05	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.74	<0.02	0.06	<0.001	<0.01	<0.01	1.77	0.04	<0.001	0.28	7.04
2302745	Drill Core	6.88	0.002	0.107	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.69	<0.02	0.03	<0.001	<0.01	<0.01	2.90	0.14	<0.001	1.03	8.65
2302746	Drill Core	6.49	0.004	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.23	<0.02	0.03	<0.001	<0.01	<0.01	3.28	0.14	<0.001	1.15	8.44
2302747	Drill Core	6.67	0.003	0.082	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.37	<0.02	0.04	<0.001	<0.01	<0.01	3.34	0.14	<0.001	1.13	8.38
2302748	Rock Pulp	0.11	0.018	0.191	<0.02	0.03	<2	0.004	<0.001	0.08	4.34	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.06	0.005	1.35	6.12
2302749	Drill Core	2.77	0.011	0.063	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.22	<0.02	0.05	<0.001	<0.01	<0.01	3.10	0.14	<0.001	1.15	7.92
2302750	Drill Core	3.84	0.007	0.275	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.52	<0.02	0.04	<0.001	<0.01	<0.01	2.85	0.13	<0.001	1.28	7.91
2302751	Drill Core	6.61	0.015	0.224	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.59	<0.02	0.04	<0.001	<0.01	<0.01	3.11	0.13	<0.001	1.14	7.24
2302752	Drill Core	7.05	0.005	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.09	<0.02	0.03	<0.001	<0.01	<0.01	2.22	0.10	<0.001	1.09	7.31
2302753 Dup of 2302752	CORE DUP		0.006	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.16	<0.02	0.03	<0.001	<0.01	<0.01	2.18	0.11	<0.001	1.11	7.50
2302754	Drill Core	6.74	0.004	0.030	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.69	<0.02	0.02	<0.001	<0.01	<0.01	1.44	0.05	<0.001	0.47	3.62
2302755	Drill Core	3.61	0.004	0.064	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.53	<0.02	0.05	<0.001	<0.01	<0.01	3.16	0.11	<0.001	0.89	7.14
2302756	Drill Core	3.21	0.002	0.049	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.54	<0.02	0.05	<0.001	<0.01	<0.01	3.06	0.11	<0.001	0.93	7.80
2302757	Drill Core	6.68	0.002	0.143	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.19	<0.02	0.04	<0.001	<0.01	<0.01	3.07	0.12	<0.001	0.88	8.16
2302758	Drill Core	7.22	0.007	0.247	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.75	<0.02	0.04	<0.001	<0.01	<0.01	2.27	0.11	<0.001	1.03	7.53
2302759	Drill Core	8.67	0.021	0.112	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.33	<0.02	0.04	<0.001	<0.01	<0.01	2.91	0.11	<0.001	0.84	7.65
2302760	Drill Core	6.08	0.002	0.059	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.76	<0.02	0.05	<0.001	<0.01	<0.01	2.46	0.12	<0.001	1.14	8.28

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302731	Drill Core	4.13	0.88	<0.01	0.33	61.7	2850.1	1.7	85	0.7	10.5	16.7	1006	4.55	2.1	103.1	0.9	96	<0.1	0.3	0.2
2302732	Drill Core	2.85	1.81	<0.01	0.14	21.0	670.3	2.3	59	0.3	1.7	8.5	845	3.45	1.2	31.1	0.5	119	<0.1	0.2	0.4
2302733	Drill Core	2.87	1.87	<0.01	0.14	20.4	521.8	2.2	57	0.2	2.0	8.4	941	3.35	1.0	25.8	0.5	137	<0.1	0.1	0.3
2302734	Drill Core	3.71	1.46	<0.01	<0.05	22.1	550.4	1.4	73	0.2	2.8	9.7	961	3.80	0.7	22.7	0.5	109	<0.1	0.1	0.2
2302735	Drill Core	4.25	1.17	<0.01	<0.05	25.0	500.3	1.0	54	0.2	4.0	9.0	693	3.69	1.2	20.2	0.7	100	<0.1	0.1	0.1
2302736	Drill Core	3.88	1.51	<0.01	0.13	50.8	2351.5	1.6	40	1.7	3.3	6.8	476	3.04	1.4	142.8	0.6	87	<0.1	0.2	1.9
2302737	Rock	2.97	2.43	<0.01	<0.05	0.7	13.2	2.0	51	0.1	1.3	2.3	335	1.54	0.7	8.3	7.4	24	<0.1	<0.1	0.1
2302738	Drill Core	4.41	1.43	<0.01	0.10	35.8	1109.4	1.2	36	0.2	2.1	8.3	516	3.31	0.9	29.7	0.6	96	<0.1	0.1	0.4
2302739	Drill Core	4.24	1.51	<0.01	0.13	73.7	1168.5	1.4	44	0.3	3.8	7.1	598	3.03	1.1	22.0	0.6	83	<0.1	<0.1	0.5
2302740	Drill Core	5.02	0.95	<0.01	0.13	20.0	1372.4	0.9	63	0.3	2.6	9.0	671	3.46	1.3	48.4	0.6	90	<0.1	<0.1	0.5
2302741	Drill Core	4.26	0.99	<0.01	0.11	125.2	982.5	1.4	55	0.2	2.2	7.3	669	3.14	1.1	68.7	2.0	106	<0.1	0.2	0.3
2302742	Drill Core	4.98	1.02	<0.01	<0.05	79.3	465.0	1.1	73	0.3	2.0	9.2	758	3.77	1.4	24.2	0.5	71	<0.1	<0.1	0.2
2302743	Drill Core	4.56	1.28	<0.01	0.18	27.7	1002.8	1.0	64	0.5	3.0	8.2	597	3.40	1.3	33.6	0.6	97	<0.1	<0.1	0.5
2302744	Rock	3.02	2.34	<0.01	<0.05	0.4	12.5	1.7	56	<0.1	1.3	2.7	351	1.62	<0.5	1.2	7.4	26	<0.1	<0.1	<0.1
2302745	Drill Core	3.85	1.98	<0.01	0.09	23.8	1122.0	1.2	60	0.6	2.4	6.4	564	2.96	1.4	51.2	0.6	70	<0.1	0.1	0.9
2302746	Drill Core	3.30	1.87	<0.01	0.09	39.0	1111.3	1.5	64	0.2	2.8	7.7	727	3.51	1.5	40.7	0.5	84	<0.1	<0.1	0.6
2302747	Drill Core	3.86	1.73	<0.01	0.07	28.3	831.2	1.1	72	0.2	2.4	9.0	719	3.47	1.0	17.8	0.5	89	<0.1	<0.1	0.1
2302748	Rock Pulp	2.22	0.91	<0.01	0.35	203.5	2052.9	43.0	276	0.6	32.3	11.4	487	3.36	17.7	108.0	1.0	44	0.8	0.8	0.3
2302749	Drill Core	4.22	1.40	<0.01	0.12	109.5	655.2	1.0	72	0.6	1.9	8.9	720	3.69	1.0	62.2	0.5	107	<0.1	<0.1	0.5
2302750	Drill Core	4.03	1.49	<0.01	0.22	65.8	2841.0	1.2	78	1.0	3.7	9.8	718	3.99	0.8	139.1	0.5	86	<0.1	<0.1	1.2
2302751	Drill Core	3.82	1.63	<0.01	0.25	172.9	2489.2	1.6	57	1.0	2.3	7.9	651	3.34	0.9	172.8	0.5	163	<0.1	<0.1	0.8
2302752	Drill Core	4.03	1.42	<0.01	0.11	58.4	1128.8	1.1	62	0.3	1.9	6.5	566	2.77	1.2	19.5	0.8	94	<0.1	<0.1	0.2
2302753 Dup of 2302752	CORE DUP	4.14	1.40	<0.01	0.11	61.9	1095.0	1.1	61	0.3	1.9	7.1	555	2.75	1.2	15.7	0.8	88	<0.1	<0.1	0.2
2302754	Drill Core	1.94	0.63	<0.01	<0.05	98.6	653.1	1.4	68	0.2	1.6	6.8	655	3.17	0.9	10.0	0.9	99	<0.1	<0.1	0.1
2302755	Drill Core	4.09	1.15	<0.01	0.31	43.2	687.4	1.5	60	0.2	1.7	7.6	586	3.25	1.6	27.6	0.6	142	<0.1	<0.1	<0.1
2302756	Drill Core	4.24	1.11	<0.01	0.27	28.9	520.5	1.3	60	0.1	1.6	7.2	593	3.25	1.5	9.5	0.6	126	<0.1	<0.1	<0.1
2302757	Drill Core	4.11	1.46	<0.01	0.21	25.4	1520.4	1.4	53	0.4	1.9	7.2	556	2.78	1.7	371.8	0.7	110	<0.1	<0.1	<0.1
2302758	Drill Core	4.65	1.17	<0.01	0.27	68.5	2648.4	2.1	52	0.5	2.2	7.4	465	2.59	1.8	116.0	0.8	94	<0.1	0.2	0.1
2302759	Drill Core	4.51	1.44	<0.01	0.33	216.4	1208.6	3.1	42	0.3	2.2	6.5	533	2.08	2.6	50.3	0.6	85	<0.1	0.2	<0.1
2302760	Drill Core	4.20	1.20	<0.01	0.22	23.9	606.5	1.6	62	0.1	1.8	7.6	803	3.30	1.4	27.1	0.7	152	<0.1	<0.1	<0.1

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302731	Drill Core	143	2.63	0.131	7	22	2.08	278	0.087	<20	2.43	0.125	0.13	1.3	<0.01	8.3	<0.1	0.35	11	0.5	<0.2
2302732	Drill Core	44	3.48	0.135	10	3	0.97	215	0.005	<20	1.71	0.074	0.26	0.9	<0.01	3.2	<0.1	0.16	6	<0.5	<0.2
2302733	Drill Core	44	4.11	0.136	10	2	0.96	269	0.006	<20	1.73	0.081	0.26	2.4	<0.01	3.4	<0.1	0.14	5	<0.5	<0.2
2302734	Drill Core	56	3.21	0.138	8	2	1.13	207	0.026	<20	2.08	0.139	0.20	6.6	<0.01	3.7	<0.1	0.06	7	<0.5	<0.2
2302735	Drill Core	59	2.65	0.130	8	9	1.16	310	0.041	<20	1.81	0.136	0.15	6.6	<0.01	3.7	<0.1	0.06	7	<0.5	<0.2
2302736	Drill Core	46	2.89	0.130	9	2	0.83	305	0.021	<20	1.36	0.096	0.20	20.6	<0.01	2.6	0.1	0.16	5	0.8	<0.2
2302737	Rock	13	0.21	0.030	13	3	0.25	80	0.075	<20	0.61	0.085	0.32	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
2302738	Drill Core	36	2.93	0.137	9	2	0.93	420	0.007	<20	1.60	0.096	0.21	3.9	<0.01	2.7	<0.1	0.12	6	<0.5	<0.2
2302739	Drill Core	34	2.96	0.129	8	2	1.12	391	0.003	<20	1.35	0.072	0.19	1.1	<0.01	2.3	<0.1	0.10	5	0.7	<0.2
2302740	Drill Core	45	2.29	0.139	9	3	1.33	454	0.004	<20	1.62	0.079	0.13	3.8	<0.01	2.7	<0.1	0.15	7	0.6	<0.2
2302741	Drill Core	44	2.26	0.105	8	2	1.07	474	0.013	<20	1.47	0.092	0.14	4.1	<0.01	2.5	<0.1	0.13	7	0.8	<0.2
2302742	Drill Core	50	2.02	0.130	9	2	1.44	231	0.005	<20	1.67	0.089	0.14	38.1	<0.01	3.1	<0.1	<0.05	9	<0.5	<0.2
2302743	Drill Core	43	2.69	0.120	8	3	1.01	233	0.002	<20	1.38	0.073	0.16	2.2	<0.01	2.4	<0.1	0.20	6	0.6	<0.2
2302744	Rock	16	0.22	0.034	16	3	0.30	87	0.085	<20	0.67	0.098	0.36	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
2302745	Drill Core	39	2.53	0.132	9	3	0.90	117	0.001	<20	1.03	0.058	0.22	7.5	<0.01	2.1	<0.1	0.11	4	<0.5	<0.2
2302746	Drill Core	39	3.11	0.135	8	2	1.03	71	0.001	<20	1.34	0.054	0.25	0.7	<0.01	2.2	<0.1	0.11	4	0.5	<0.2
2302747	Drill Core	44	2.92	0.127	9	2	1.02	363	0.001	<20	1.32	0.059	0.20	0.4	<0.01	2.4	<0.1	0.09	5	0.7	<0.2
2302748	Rock Pulp	68	0.90	0.058	5	37	0.85	225	0.133	<20	1.76	0.113	0.16	4.4	0.09	5.1	0.1	0.37	5	0.5	<0.2
2302749	Drill Core	57	2.61	0.128	9	2	1.13	381	0.005	<20	1.61	0.090	0.19	5.3	<0.01	2.7	<0.1	0.13	7	0.6	<0.2
2302750	Drill Core	53	2.51	0.131	9	7	1.29	146	0.002	<20	1.62	0.071	0.19	0.4	<0.01	2.6	<0.1	0.26	7	0.9	<0.2
2302751	Drill Core	35	3.15	0.132	7	<1	1.19	1116	0.001	<20	1.44	0.058	0.21	0.5	<0.01	2.4	<0.1	0.28	5	1.1	<0.2
2302752	Drill Core	26	2.25	0.105	10	2	1.09	314	0.001	<20	1.46	0.071	0.21	11.4	<0.01	1.8	<0.1	0.13	5	1.0	<0.2
2302753 Dup of 2302752	CORE DUP	26	2.21	0.103	10	2	1.08	281	0.001	<20	1.45	0.072	0.20	12.3	<0.01	2.0	<0.1	0.14	5	<0.5	<0.2
2302754	Drill Core	41	2.37	0.104	9	3	0.98	292	0.003	<20	1.52	0.094	0.18	8.8	<0.01	2.2	<0.1	0.12	7	<0.5	<0.2
2302755	Drill Core	42	2.66	0.106	9	2	0.93	460	0.003	<20	1.48	0.090	0.16	0.9	<0.01	2.1	<0.1	0.33	6	0.6	<0.2
2302756	Drill Core	45	2.61	0.111	10	2	0.96	414	0.003	<20	1.48	0.088	0.15	0.7	<0.01	2.2	<0.1	0.30	7	<0.5	<0.2
2302757	Drill Core	39	2.72	0.116	9	3	0.86	243	0.003	<20	1.37	0.082	0.20	0.5	<0.01	2.0	<0.1	0.24	6	<0.5	<0.2
2302758	Drill Core	40	2.18	0.114	10	2	1.07	279	0.003	<20	1.44	0.082	0.17	0.3	<0.01	1.9	<0.1	0.30	6	0.7	<0.2
2302759	Drill Core	23	2.90	0.109	9	2	0.82	194	<0.001	<20	0.94	0.077	0.20	0.9	<0.01	1.8	<0.1	0.37	4	0.6	<0.2
2302760	Drill Core	42	2.03	0.109	10	2	1.12	648	0.010	<20	1.53	0.096	0.17	0.1	<0.01	2.2	<0.1	0.24	7	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method Analyte	2A Leco TOT/C	2A Leco TOT/S	G6 Au	
				Unit
	%	%	ppm	
	0.02	0.02	0.005	
2302731	Drill Core	0.55	0.36	0.105
2302732	Drill Core	0.88	0.16	0.039
2302733	Drill Core	1.14	0.14	0.024
2302734	Drill Core	0.77	0.06	0.016
2302735	Drill Core	0.59	0.06	0.021
2302736	Drill Core	0.73	0.14	0.178
2302737	Rock	<0.02	<0.02	<0.005
2302738	Drill Core	0.72	0.12	0.030
2302739	Drill Core	1.16	0.10	0.059
2302740	Drill Core	0.72	0.14	0.062
2302741	Drill Core	0.57	0.11	0.044
2302742	Drill Core	0.66	0.03	0.029
2302743	Drill Core	0.89	0.18	0.064
2302744	Rock	<0.02	<0.02	<0.005
2302745	Drill Core	0.99	0.11	0.051
2302746	Drill Core	1.17	0.11	0.051
2302747	Drill Core	1.09	0.09	0.029
2302748	Rock Pulp	0.08	0.39	0.235
2302749	Drill Core	0.81	0.12	0.059
2302750	Drill Core	0.88	0.25	0.108
2302751	Drill Core	1.26	0.29	0.124
2302752	Drill Core	0.86	0.13	0.024
2302753 Dup of 2302752	CORE DUP	0.78	0.13	0.029
2302754	Drill Core	0.62	0.12	0.022
2302755	Drill Core	0.72	0.33	0.028
2302756	Drill Core	0.65	0.30	0.018
2302757	Drill Core	0.73	0.23	0.059
2302758	Drill Core	0.59	0.30	0.086
2302759	Drill Core	1.10	0.34	0.052
2302760	Drill Core	0.59	0.23	0.031

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302761	Drill Core	7.03	0.002	0.201	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.77	<0.02	0.05	<0.001	<0.01	<0.01	2.82	0.11	<0.001	0.89	8.37
2302762	Drill Core	7.36	0.007	0.175	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.42	<0.02	0.05	<0.001	<0.01	<0.01	2.47	0.11	<0.001	0.78	7.03
2302763	Drill Core	6.92	0.055	0.314	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.16	<0.02	0.04	<0.001	<0.01	<0.01	2.76	0.11	<0.001	0.81	7.73
2302764	Drill Core	6.32	0.002	0.160	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.49	<0.02	0.05	<0.001	<0.01	<0.01	2.84	0.11	<0.001	0.92	7.83
2302765 Dup of 2302764	CORE DUP		0.002	0.166	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.54	<0.02	0.05	<0.001	<0.01	<0.01	2.94	0.11	<0.001	0.92	8.11
2302766	Drill Core	6.95	0.010	0.173	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.91	<0.02	0.04	<0.001	<0.01	<0.01	3.08	0.11	<0.001	0.82	6.84
2302767	Rock	5.22	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.68	<0.02	0.06	<0.001	<0.01	<0.01	1.68	0.04	<0.001	0.27	6.76
2302768	Drill Core	6.94	0.017	0.169	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.19	<0.02	0.02	<0.001	<0.01	<0.01	2.26	0.11	<0.001	0.78	8.42
2302769	Drill Core	4.27	0.013	0.218	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.38	<0.02	0.04	<0.001	<0.01	<0.01	3.25	0.11	<0.001	0.87	8.21
2302770	Drill Core	7.65	0.001	0.088	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.39	<0.02	0.05	<0.001	<0.01	<0.01	2.99	0.11	<0.001	0.78	7.47
2302771	Drill Core	4.86	<0.001	0.091	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.17	<0.02	0.04	<0.001	<0.01	<0.01	3.21	0.10	<0.001	0.80	7.75
2302772	Drill Core	4.05	0.013	0.071	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.74	<0.02	0.06	<0.001	<0.01	<0.01	2.83	0.12	<0.001	0.88	8.70
2302773	Drill Core	1.87	0.002	0.248	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.72	<0.02	0.05	<0.001	<0.01	<0.01	2.28	0.08	0.001	0.95	7.40
2302774	Drill Core	1.98	0.003	0.242	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.66	<0.02	0.05	<0.001	<0.01	<0.01	2.28	0.08	0.001	0.95	6.61
2302775	Drill Core	7.78	<0.001	0.131	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.16	<0.02	0.05	<0.001	<0.01	<0.01	2.58	0.12	<0.001	0.73	7.68
2302776	Drill Core	6.96	0.002	0.291	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.57	<0.02	0.04	<0.001	<0.01	<0.01	2.48	0.10	<0.001	0.70	7.47
2302777	Drill Core	7.10	0.002	0.221	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.55	<0.02	0.05	<0.001	<0.01	<0.01	2.83	0.11	<0.001	0.89	7.89
2302778	Rock Pulp	0.15	0.019	0.194	<0.02	0.03	<2	0.004	<0.001	0.08	4.36	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.06	0.005	1.32	5.90
2302779	Drill Core	6.90	0.004	0.129	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.64	<0.02	0.06	<0.001	<0.01	<0.01	3.09	0.11	<0.001	0.88	7.28
2302780	Drill Core	6.83	0.003	0.166	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.57	<0.02	0.05	<0.001	<0.01	<0.01	2.32	0.11	<0.001	0.99	7.11
2302781	Drill Core	6.72	0.007	0.233	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.40	<0.02	0.03	<0.001	<0.01	<0.01	1.80	0.11	<0.001	1.02	8.28
2302782	Drill Core	5.50	0.003	0.208	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.56	<0.02	0.05	<0.001	<0.01	<0.01	2.34	0.11	<0.001	0.92	8.07
2302783	Drill Core	7.45	0.005	0.256	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.73	<0.02	0.04	<0.001	<0.01	<0.01	2.43	0.11	<0.001	0.88	8.50
2302784	Rock	4.27	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.60	<0.02	0.06	<0.001	<0.01	<0.01	1.57	0.03	0.001	0.24	6.48
2302785	Drill Core	7.55	<0.001	0.078	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.93	<0.02	0.04	<0.001	<0.01	<0.01	2.57	0.12	<0.001	0.98	8.24
2302786	Drill Core	3.43	0.003	0.096	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.64	<0.02	0.05	<0.001	<0.01	<0.01	3.13	0.11	<0.001	0.93	7.93
2302787	Drill Core	3.01	0.005	0.112	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.80	<0.02	0.05	<0.001	<0.01	<0.01	3.54	0.11	<0.001	0.96	7.95
2302788	Drill Core	7.17	<0.001	0.093	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.72	<0.02	0.04	<0.001	<0.01	<0.01	4.12	0.11	<0.001	1.02	7.76
2302789	Drill Core	7.57	0.002	0.113	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.64	<0.02	0.04	<0.001	<0.01	<0.01	3.24	0.11	<0.001	0.97	6.66
2302790	Drill Core	7.80	<0.001	0.108	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.97	<0.02	0.05	<0.001	<0.01	<0.01	3.45	0.12	<0.001	0.85	8.12

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302761	Drill Core	3.92	1.40	<0.01	0.21	20.2	2078.1	1.4	58	0.4	1.6	7.3	590	3.23	1.3	49.2	0.7	113	<0.1	0.1	<0.1
2302762	Drill Core	4.64	1.22	<0.01	0.16	75.2	1752.7	1.1	62	0.4	1.5	6.5	527	2.95	1.6	43.4	0.7	115	<0.1	<0.1	0.3
2302763	Drill Core	4.03	1.54	<0.01	0.34	528.2	3120.3	4.1	50	0.8	2.2	6.3	459	2.53	1.3	167.6	0.6	94	<0.1	0.1	0.4
2302764	Drill Core	4.15	1.39	<0.01	0.16	23.6	1693.1	1.2	58	0.4	1.9	7.0	549	2.91	1.6	36.7	0.7	106	<0.1	<0.1	<0.1
2302765 Dup of 2302764	CORE DUP	4.16	1.39	<0.01	0.15	24.1	1747.3	1.1	59	0.4	1.5	7.4	559	3.02	1.5	44.9	0.7	111	<0.1	<0.1	<0.1
2302766	Drill Core	3.97	1.66	<0.01	0.21	105.6	1792.0	1.8	41	0.4	1.6	6.8	491	2.48	1.5	40.7	0.6	137	<0.1	0.1	<0.1
2302767	Rock	2.93	2.21	<0.01	<0.05	0.5	15.4	2.6	55	<0.1	1.0	2.6	353	1.62	<0.5	2.9	7.8	30	<0.1	<0.1	<0.1
2302768	Drill Core	4.45	1.63	<0.01	0.20	184.5	1843.2	1.7	42	0.4	2.0	7.0	419	2.63	2.3	29.8	0.7	77	<0.1	<0.1	0.2
2302769	Drill Core	3.55	1.68	<0.01	0.29	142.4	2352.8	2.2	56	0.5	2.0	7.3	524	2.85	1.9	83.9	0.6	92	<0.1	0.1	<0.1
2302770	Drill Core	4.18	1.44	<0.01	0.29	10.9	893.4	1.5	49	0.3	2.2	8.7	624	2.93	1.8	27.2	0.7	115	<0.1	<0.1	<0.1
2302771	Drill Core	4.21	1.31	<0.01	0.16	6.7	912.4	1.4	49	0.2	2.0	7.0	621	2.72	1.6	24.2	0.9	83	<0.1	0.1	<0.1
2302772	Drill Core	4.71	0.99	<0.01	0.16	133.9	703.0	2.4	57	0.3	2.2	7.0	616	3.14	2.4	41.9	0.7	80	<0.1	0.1	<0.1
2302773	Drill Core	4.16	1.09	<0.01	0.47	21.7	2534.8	3.8	41	0.8	4.6	9.4	522	2.46	1.2	65.0	3.2	66	<0.1	0.1	<0.1
2302774	Drill Core	4.20	1.05	<0.01	0.51	27.4	2443.1	3.8	44	0.8	5.6	9.7	548	2.48	1.0	105.7	3.5	62	<0.1	0.2	0.1
2302775	Drill Core	5.02	1.19	<0.01	0.28	13.6	1364.2	1.8	48	0.4	1.8	7.4	475	2.85	2.6	36.1	0.7	70	<0.1	0.1	<0.1
2302776	Drill Core	5.09	1.02	<0.01	0.53	20.7	2966.4	3.0	46	0.9	2.4	7.6	435	2.37	2.5	98.1	1.1	77	0.1	0.1	0.1
2302777	Drill Core	4.69	0.94	<0.01	0.29	23.8	2298.9	2.7	66	0.5	1.7	8.2	716	3.31	1.1	55.9	0.7	105	<0.1	0.2	<0.1
2302778	Rock Pulp	2.21	0.90	<0.01	0.34	190.9	1979.0	43.3	261	0.7	29.4	11.0	467	3.18	16.3	164.2	1.0	43	0.8	0.8	0.3
2302779	Drill Core	4.20	1.03	<0.01	0.14	43.8	1376.8	1.9	60	0.4	2.5	6.8	836	3.31	1.4	42.8	0.8	112	<0.1	0.2	<0.1
2302780	Drill Core	4.90	0.99	<0.01	0.17	32.3	1719.2	2.1	70	0.4	1.0	7.2	758	3.25	0.6	43.3	0.7	113	<0.1	0.1	<0.1
2302781	Drill Core	5.57	0.83	<0.01	0.29	73.1	2462.4	1.2	70	0.5	1.4	7.6	580	3.07	1.3	86.5	0.7	51	<0.1	<0.1	0.2
2302782	Drill Core	5.10	1.04	<0.01	0.24	33.8	2057.8	1.5	59	0.5	1.7	7.1	577	3.12	1.5	76.5	0.8	106	<0.1	0.1	<0.1
2302783	Drill Core	4.95	1.20	<0.01	0.33	47.1	2568.0	1.4	61	0.6	2.1	7.2	557	3.17	1.1	65.6	0.7	81	<0.1	0.1	<0.1
2302784	Rock	3.02	1.62	<0.01	<0.05	0.5	9.0	2.9	52	<0.1	1.1	2.2	351	1.58	0.6	3.4	8.2	30	<0.1	<0.1	<0.1
2302785	Drill Core	4.48	1.32	<0.01	0.13	9.0	824.6	1.3	76	0.2	1.6	8.6	703	3.41	1.4	14.2	0.7	64	<0.1	<0.1	<0.1
2302786	Drill Core	3.83	1.64	<0.01	0.22	40.1	1037.9	1.7	68	0.3	1.3	7.9	727	3.14	2.2	55.9	0.6	153	<0.1	<0.1	<0.1
2302787	Drill Core	3.94	1.48	<0.01	0.20	54.6	1200.9	2.1	68	0.4	1.5	7.8	807	3.26	1.8	116.4	0.6	151	<0.1	<0.1	<0.1
2302788	Drill Core	3.83	1.32	<0.01	0.16	8.6	943.3	1.3	69	0.3	1.6	7.6	767	3.17	1.0	48.5	0.7	145	0.1	<0.1	<0.1
2302789	Drill Core	4.50	1.17	<0.01	0.16	18.2	1173.5	1.3	71	0.5	1.5	8.2	699	3.17	0.9	37.5	0.6	95	<0.1	<0.1	<0.1
2302790	Drill Core	3.80	1.15	<0.01	0.40	6.4	1138.3	3.0	61	0.5	1.6	10.9	739	3.54	1.0	42.1	0.7	90	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302761	Drill Core	43	2.17	0.107	9	2	0.84	358	0.005	<20	1.39	0.098	0.20	0.5	<0.01	1.8	<0.1	0.24	6	0.6	<0.2
2302762	Drill Core	40	2.32	0.110	9	3	0.77	518	0.002	<20	1.29	0.089	0.19	0.7	<0.01	1.8	0.1	0.19	6	<0.5	<0.2
2302763	Drill Core	31	2.52	0.105	10	3	0.73	239	0.002	<20	1.11	0.074	0.21	2.6	<0.01	1.7	<0.1	0.37	4	1.7	<0.2
2302764	Drill Core	38	2.50	0.112	10	2	0.89	353	0.003	<20	1.31	0.093	0.21	1.9	<0.01	2.2	<0.1	0.17	6	<0.5	<0.2
2302765 Dup of 2302764	CORE DUP	40	2.51	0.110	11	2	0.91	364	0.003	<20	1.37	0.106	0.24	1.1	<0.01	2.2	<0.1	0.18	6	<0.5	<0.2
2302766	Drill Core	24	3.02	0.104	9	2	0.80	708	0.001	<20	1.14	0.068	0.23	0.5	<0.01	1.6	<0.1	0.24	3	0.6	<0.2
2302767	Rock	16	0.24	0.035	16	8	0.30	92	0.087	<20	0.72	0.109	0.38	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
2302768	Drill Core	30	2.30	0.112	8	3	0.72	235	0.001	<20	1.23	0.074	0.22	0.5	<0.01	1.8	<0.1	0.23	4	0.6	<0.2
2302769	Drill Core	33	2.80	0.105	9	2	0.81	251	0.005	<20	1.48	0.086	0.23	0.4	<0.01	1.7	<0.1	0.32	5	<0.5	<0.2
2302770	Drill Core	34	2.48	0.103	9	3	0.75	492	0.008	<20	1.34	0.099	0.21	0.8	<0.01	1.8	<0.1	0.31	6	<0.5	<0.2
2302771	Drill Core	38	2.64	0.089	8	4	0.76	294	0.012	<20	1.30	0.097	0.18	0.5	<0.01	2.2	<0.1	0.18	7	<0.5	<0.2
2302772	Drill Core	50	1.92	0.103	9	5	0.84	306	0.024	<20	1.35	0.118	0.13	0.6	<0.01	2.3	<0.1	0.17	7	<0.5	<0.2
2302773	Drill Core	53	1.87	0.075	8	13	0.93	319	0.020	<20	1.22	0.092	0.15	2.3	<0.01	3.2	<0.1	0.50	7	<0.5	<0.2
2302774	Drill Core	52	2.05	0.081	8	15	0.97	289	0.021	<20	1.14	0.080	0.12	0.8	0.02	3.8	<0.1	0.49	7	<0.5	<0.2
2302775	Drill Core	40	2.27	0.121	9	2	0.73	279	0.011	24	1.23	0.106	0.18	1.1	<0.01	2.1	<0.1	0.28	6	<0.5	<0.2
2302776	Drill Core	34	2.40	0.104	8	5	0.70	354	0.004	25	1.04	0.088	0.12	1.9	<0.01	2.1	<0.1	0.52	6	<0.5	<0.2
2302777	Drill Core	56	2.23	0.114	9	3	0.93	523	0.015	<20	1.42	0.132	0.15	2.5	<0.01	2.6	<0.1	0.29	6	<0.5	<0.2
2302778	Rock Pulp	60	0.85	0.057	4	36	0.82	217	0.122	26	1.72	0.108	0.15	4.8	0.11	5.1	<0.1	0.34	5	<0.5	<0.2
2302779	Drill Core	50	2.15	0.114	8	7	0.88	511	0.039	28	1.42	0.149	0.15	2.4	<0.01	2.6	<0.1	0.14	6	<0.5	<0.2
2302780	Drill Core	49	2.18	0.111	10	3	1.05	585	0.003	24	1.51	0.112	0.16	0.8	<0.01	2.3	<0.1	0.18	7	<0.5	<0.2
2302781	Drill Core	40	1.80	0.117	10	3	1.01	157	0.003	<20	1.47	0.114	0.12	0.9	<0.01	2.5	0.1	0.28	6	1.2	<0.2
2302782	Drill Core	39	2.07	0.106	9	2	0.91	577	0.009	<20	1.43	0.123	0.18	0.9	<0.01	2.4	<0.1	0.24	7	<0.5	<0.2
2302783	Drill Core	39	2.24	0.110	9	2	0.82	399	0.005	<20	1.35	0.090	0.17	0.4	<0.01	2.1	<0.1	0.32	6	<0.5	<0.2
2302784	Rock	14	0.27	0.034	13	7	0.26	78	0.074	30	0.66	0.104	0.29	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
2302785	Drill Core	40	2.46	0.113	11	2	0.95	242	0.003	21	1.57	0.089	0.19	0.1	<0.01	2.3	<0.1	0.14	6	<0.5	<0.2
2302786	Drill Core	36	2.94	0.110	10	2	0.89	1314	0.004	26	1.50	0.083	0.23	0.4	<0.01	1.8	<0.1	0.21	6	<0.5	<0.2
2302787	Drill Core	36	3.33	0.109	10	2	0.93	1032	0.004	21	1.45	0.084	0.20	0.4	<0.01	2.1	<0.1	0.20	6	<0.5	<0.2
2302788	Drill Core	40	3.67	0.102	10	3	0.99	851	0.004	23	1.59	0.106	0.20	0.4	<0.01	2.5	<0.1	0.17	7	<0.5	<0.2
2302789	Drill Core	51	3.18	0.112	10	2	1.02	476	0.006	<20	1.57	0.091	0.18	0.4	<0.01	2.2	<0.1	0.16	7	<0.5	<0.2
2302790	Drill Core	68	2.25	0.114	8	3	0.82	287	0.036	21	1.53	0.163	0.17	5.5	<0.01	2.6	<0.1	0.40	6	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2302761	Drill Core	0.52	0.24	0.060
2302762	Drill Core	0.63	0.17	0.045
2302763	Drill Core	0.80	0.38	0.156
2302764	Drill Core	0.78	0.17	0.051
2302765 Dup of 2302764	CORE DUP	0.81	0.16	0.050
2302766	Drill Core	1.11	0.24	0.051
2302767	Rock	<0.02	<0.02	<0.005
2302768	Drill Core	0.74	0.21	0.068
2302769	Drill Core	0.71	0.31	0.060
2302770	Drill Core	0.62	0.31	0.042
2302771	Drill Core	0.71	0.18	0.075
2302772	Drill Core	0.44	0.17	0.028
2302773	Drill Core	0.46	0.50	0.077
2302774	Drill Core	0.48	0.50	0.086
2302775	Drill Core	0.51	0.27	0.058
2302776	Drill Core	0.56	0.52	0.091
2302777	Drill Core	0.49	0.30	0.081
2302778	Rock Pulp	0.08	0.36	0.226
2302779	Drill Core	0.45	0.14	0.043
2302780	Drill Core	0.54	0.18	0.047
2302781	Drill Core	0.46	0.28	0.082
2302782	Drill Core	0.46	0.24	0.057
2302783	Drill Core	0.53	0.32	0.057
2302784	Rock	<0.02	<0.02	<0.005
2302785	Drill Core	0.57	0.13	0.025
2302786	Drill Core	0.69	0.18	0.064
2302787	Drill Core	0.94	0.20	0.035
2302788	Drill Core	1.06	0.16	0.033
2302789	Drill Core	0.86	0.15	0.094
2302790	Drill Core	0.45	0.39	0.047

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302791	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.30	<0.02	0.05	<0.001	<0.01	<0.01	1.86	0.06	<0.001	0.54	7.06
2302792	Drill Core	7.26	0.001	0.106	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.79	<0.02	0.05	<0.001	<0.01	<0.01	2.95	0.12	<0.001	0.81	7.71
2302793	Drill Core	6.81	0.028	0.157	<0.02	<0.01	2	<0.001	<0.001	0.07	3.54	<0.02	0.04	<0.001	<0.01	<0.01	2.26	0.12	<0.001	0.99	8.13
2302794 Dup of 2302793	CORE DUP		0.026	0.155	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.47	<0.02	0.04	<0.001	<0.01	<0.01	2.23	0.12	<0.001	1.00	8.11
2302795	Drill Core	5.42	0.013	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.43	<0.02	0.03	<0.001	<0.01	<0.01	2.21	0.12	<0.001	0.83	8.17
2302796	Drill Core	5.98	0.011	0.106	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.34	<0.02	0.04	<0.001	<0.01	<0.01	2.74	0.11	<0.001	0.73	7.13
2302797	Drill Core	6.04	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.88	<0.02	0.05	<0.001	<0.01	<0.01	3.06	0.11	<0.001	0.84	7.28
2302798	Drill Core	7.53	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.54	<0.02	0.03	<0.001	<0.01	<0.01	2.19	0.11	<0.001	0.85	6.75
2302799	Drill Core	6.66	0.005	0.050	<0.02	<0.01	<2	0.008	<0.001	0.08	3.98	<0.02	0.04	<0.001	<0.01	<0.01	2.97	0.11	0.013	1.48	6.93
2302800	Drill Core	2.53	<0.001	0.117	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.62	<0.02	0.05	<0.001	<0.01	<0.01	2.20	0.11	<0.001	0.91	6.91
2302801	Drill Core	4.46	<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.11	3.50	<0.02	0.04	<0.001	<0.01	<0.01	4.74	0.09	<0.001	0.78	4.38
2302802	Drill Core	7.58	<0.001	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.96	<0.02	0.05	<0.001	<0.01	<0.01	2.47	0.12	<0.001	0.98	8.11
2302803	Drill Core	6.41	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.16	<0.02	0.05	<0.001	<0.01	<0.01	2.19	0.12	<0.001	1.20	8.62
2302804	Drill Core	3.26	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.73	<0.02	0.03	<0.001	<0.01	<0.01	2.61	0.11	<0.001	1.03	7.93
2302805 Dup of 2302804	CORE DUP		<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.79	<0.02	0.03	<0.001	<0.01	<0.01	2.78	0.11	<0.001	1.03	8.02
2302806	Drill Core	3.55	0.091	0.154	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.59	<0.02	0.03	<0.001	<0.01	<0.01	3.54	0.13	<0.001	1.00	7.98
2302807	Drill Core	6.28	0.002	0.060	<0.02	<0.01	<2	0.001	<0.001	0.11	5.08	<0.02	0.04	<0.001	<0.01	<0.01	4.76	0.14	0.002	1.95	8.33
2302808	Drill Core	2.49	<0.001	0.029	<0.02	0.01	<2	0.001	<0.001	0.14	5.50	<0.02	0.04	<0.001	<0.01	<0.01	5.33	0.15	0.002	2.26	8.28
2302809	Drill Core	2.49	<0.001	0.035	<0.02	0.01	<2	0.001	<0.001	0.14	5.50	<0.02	0.05	<0.001	<0.01	<0.01	5.33	0.16	0.003	2.24	8.42
2302810	Drill Core	6.67	0.038	0.164	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.93	<0.02	0.06	<0.001	<0.01	<0.01	3.29	0.14	0.001	1.25	7.77
2302811	Drill Core	5.77	0.008	0.179	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.92	<0.02	0.06	<0.001	<0.01	<0.01	3.47	0.14	<0.001	1.05	7.28
2302812	Drill Core	4.90	0.027	0.221	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.65	<0.02	0.05	<0.001	<0.01	<0.01	3.95	0.13	0.001	0.81	6.18
2302813	Rock Pulp	0.13	0.019	0.191	<0.02	0.03	<2	0.004	<0.001	0.07	4.25	<0.02	0.03	<0.001	<0.01	<0.01	2.56	0.06	0.006	1.29	5.52
2302814	Drill Core	5.63	0.005	0.084	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.95	<0.02	0.05	<0.001	<0.01	<0.01	3.35	0.13	0.001	1.05	7.16
2302815	Drill Core	8.35	0.012	0.104	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.90	<0.02	0.05	<0.001	<0.01	<0.01	4.50	0.14	0.001	0.79	6.23
2302816	Drill Core	6.75	0.006	0.249	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.38	<0.02	0.04	<0.001	<0.01	<0.01	3.90	0.13	0.001	0.73	5.56
2302817	Drill Core	7.39	0.002	0.098	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.62	<0.02	0.02	<0.001	<0.01	<0.01	4.35	0.13	<0.001	0.76	5.41
2302818	Rock	4.84	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.50	<0.02	0.05	<0.001	<0.01	<0.01	1.40	0.03	<0.001	0.23	5.39
2302819	Drill Core	3.44	0.005	0.166	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.52	<0.02	0.04	<0.001	<0.01	<0.01	4.01	0.13	<0.001	0.79	6.26
2302820	Drill Core	2.93	0.030	0.429	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.24	<0.02	0.06	<0.001	<0.01	<0.01	5.33	0.12	0.001	0.87	6.98

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302791	Rock Pulp	2.98	1.40	<0.01	0.21	11.1	175.8	13.9	45	<0.1	7.2	5.8	229	1.95	2.6	<0.5	3.6	48	<0.1	0.1	0.1
2302792	Drill Core	4.55	1.04	<0.01	0.23	12.2	1084.7	2.0	64	0.4	1.5	8.2	712	3.25	0.9	28.6	0.6	87	<0.1	0.1	<0.1
2302793	Drill Core	4.87	1.15	<0.01	0.29	272.8	1578.9	2.8	67	0.7	1.3	7.7	628	3.00	0.7	90.3	0.7	79	0.1	0.2	<0.1
2302794 Dup of 2302793	CORE DUP	4.80	1.14	<0.01	0.29	266.0	1614.0	2.9	68	0.7	1.7	7.9	634	3.02	0.7	58.4	0.7	80	0.2	0.2	0.1
2302795	Drill Core	5.15	1.13	<0.01	0.17	129.5	1464.1	1.6	54	0.4	2.1	6.4	505	2.74	0.6	61.5	0.7	78	<0.1	<0.1	<0.1
2302796	Drill Core	4.47	1.54	<0.01	0.16	109.3	1099.4	1.6	43	0.2	1.5	6.3	598	2.69	0.7	16.3	0.7	204	<0.1	<0.1	<0.1
2302797	Drill Core	4.41	1.14	<0.01	0.07	3.4	151.5	1.1	59	<0.1	2.1	7.2	649	3.14	0.8	8.3	0.7	100	<0.1	0.1	<0.1
2302798	Drill Core	5.34	0.86	<0.01	0.09	9.9	252.6	0.9	62	<0.1	1.6	6.9	647	3.15	0.8	9.0	0.7	77	<0.1	<0.1	<0.1
2302799	Drill Core	4.77	0.68	<0.01	0.29	53.9	498.7	1.6	74	0.2	73.2	11.8	827	3.52	1.4	28.7	0.5	93	0.1	0.1	<0.1
2302800	Drill Core	5.01	1.09	<0.01	0.17	9.1	1135.5	1.0	53	0.3	2.1	7.8	584	3.10	0.8	31.6	0.7	69	<0.1	0.1	<0.1
2302801	Drill Core	3.11	1.14	<0.01	0.18	2.1	272.1	1.7	41	0.1	1.6	7.0	1045	2.89	0.9	7.1	0.5	217	<0.1	<0.1	<0.1
2302802	Drill Core	4.42	1.05	<0.01	0.26	1.5	197.5	1.7	62	0.1	1.5	8.3	738	3.51	1.0	6.5	0.6	78	<0.1	0.2	<0.1
2302803	Drill Core	4.94	0.92	<0.01	0.32	2.7	243.4	2.4	66	0.2	1.8	9.1	802	3.45	1.2	3.7	0.6	57	<0.1	0.1	<0.1
2302804	Drill Core	4.03	1.26	<0.01	0.24	3.6	153.1	1.5	56	0.1	1.1	8.6	771	3.09	1.3	13.8	0.7	51	<0.1	0.1	<0.1
2302805 Dup of 2302804	CORE DUP	3.98	1.28	<0.01	0.25	4.3	164.5	1.5	58	0.1	1.6	8.6	778	3.04	1.3	10.3	0.7	57	<0.1	0.1	<0.1
2302806	Drill Core	2.70	1.55	<0.01	0.27	892.4	1604.8	8.5	61	1.2	2.3	8.9	760	2.76	3.5	88.7	0.6	59	0.1	0.4	0.5
2302807	Drill Core	2.87	0.82	<0.01	0.13	21.4	623.7	2.0	91	<0.1	8.9	16.8	1084	4.21	1.7	5.1	0.4	63	<0.1	0.3	<0.1
2302808	Drill Core	2.65	0.73	<0.01	0.05	4.2	285.6	2.5	108	<0.1	11.9	19.6	1239	4.57	2.0	5.6	0.4	66	<0.1	0.3	<0.1
2302809	Drill Core	2.85	0.76	<0.01	0.06	3.8	333.2	3.1	101	<0.1	11.9	20.2	1276	4.52	2.2	5.2	0.4	53	<0.1	0.3	<0.1
2302810	Drill Core	4.14	0.68	<0.01	0.26	375.8	1628.2	2.7	61	0.5	2.1	8.8	717	3.22	2.5	31.3	0.7	58	0.2	0.3	<0.1
2302811	Drill Core	3.79	0.75	<0.01	0.25	80.6	1732.6	2.1	59	0.6	1.6	8.6	746	3.35	2.3	41.4	0.5	66	<0.1	0.3	<0.1
2302812	Drill Core	3.57	0.90	<0.01	0.24	279.3	2225.3	2.8	54	0.7	2.2	8.4	609	2.74	2.4	98.1	0.4	61	0.1	0.6	0.2
2302813	Rock Pulp	2.18	0.87	<0.01	0.34	185.4	1854.0	39.8	233	0.7	29.8	10.2	448	2.92	15.2	124.2	0.8	34	0.9	0.5	0.3
2302814	Drill Core	3.70	1.02	<0.01	0.09	54.7	849.0	1.3	74	0.3	1.9	9.4	795	2.98	3.5	19.3	0.5	54	<0.1	0.6	<0.1
2302815	Drill Core	3.10	0.82	<0.01	0.10	124.8	1052.5	1.3	63	0.3	1.6	8.0	846	3.38	3.3	19.7	0.3	71	<0.1	0.2	<0.1
2302816	Drill Core	3.23	1.06	<0.01	0.24	61.6	2468.2	1.2	45	0.6	1.7	7.4	691	2.96	2.4	32.9	0.7	58	<0.1	0.2	<0.1
2302817	Drill Core	2.25	1.41	<0.01	0.13	24.0	993.6	1.1	54	0.2	1.2	7.4	904	2.92	2.4	19.1	0.3	71	<0.1	<0.1	<0.1
2302818	Rock	2.88	1.43	<0.01	<0.05	0.6	15.1	2.2	51	<0.1	1.3	2.4	347	1.54	<0.5	0.5	7.6	22	<0.1	<0.1	<0.1
2302819	Drill Core	3.36	1.34	<0.01	0.49	53.3	1658.1	1.1	49	0.4	1.3	7.8	643	2.89	3.9	11.8	0.5	59	<0.1	0.2	<0.1
2302820	Drill Core	2.95	1.22	0.01	1.25	294.8	4085.6	2.7	47	1.7	2.3	5.8	644	2.11	2.4	92.3	0.4	89	0.1	0.6	0.5



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Project: 204920
 Report Date: October 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000339.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2302791	Rock Pulp	26	0.89	0.059	11	11	0.44	37	0.023	<20	0.79	0.069	0.14	0.5	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
2302792	Drill Core	48	2.24	0.113	9	3	0.80	338	0.009	<20	1.28	0.119	0.14	1.9	<0.01	2.8	<0.1	0.23	6	<0.5	<0.2
2302793	Drill Core	36	1.99	0.113	10	3	0.95	338	0.005	26	1.42	0.099	0.17	2.8	0.02	2.5	<0.1	0.28	7	<0.5	<0.2
2302794 Dup of 2302793	CORE DUP	37	2.02	0.112	10	3	0.97	336	0.005	<20	1.49	0.106	0.17	2.9	<0.01	2.6	<0.1	0.29	7	<0.5	<0.2
2302795	Drill Core	32	2.19	0.111	9	3	0.76	407	0.002	<20	1.24	0.080	0.14	1.5	<0.01	2.2	<0.1	0.18	5	0.7	<0.2
2302796	Drill Core	27	2.80	0.108	7	2	0.71	1484	0.003	<20	1.38	0.089	0.24	0.4	<0.01	2.2	<0.1	0.16	5	<0.5	<0.2
2302797	Drill Core	45	2.44	0.109	9	5	0.86	382	0.009	<20	1.26	0.100	0.14	0.4	<0.01	2.6	<0.1	0.07	6	<0.5	<0.2
2302798	Drill Core	37	2.26	0.110	10	3	0.91	358	0.005	<20	1.43	0.104	0.13	0.2	<0.01	2.5	<0.1	0.09	7	0.8	<0.2
2302799	Drill Core	64	2.65	0.104	8	163	1.52	357	0.028	<20	1.78	0.101	0.09	2.5	<0.01	4.2	<0.1	0.27	10	<0.5	<0.2
2302800	Drill Core	47	1.93	0.109	9	2	0.88	316	0.009	<20	1.33	0.093	0.14	0.5	<0.01	2.2	<0.1	0.17	7	<0.5	<0.2
2302801	Drill Core	27	4.51	0.097	8	2	0.83	1469	0.002	<20	1.31	0.059	0.23	0.3	<0.01	1.7	<0.1	0.19	4	<0.5	<0.2
2302802	Drill Core	51	1.69	0.111	9	3	0.97	364	0.026	<20	1.48	0.116	0.14	1.8	<0.01	2.4	<0.1	0.24	7	<0.5	<0.2
2302803	Drill Core	40	1.72	0.108	8	3	1.16	275	0.034	21	1.66	0.093	0.12	0.7	<0.01	2.7	<0.1	0.30	8	<0.5	<0.2
2302804	Drill Core	33	2.59	0.104	10	2	1.00	171	0.014	<20	1.58	0.073	0.17	0.4	0.01	2.4	<0.1	0.24	7	<0.5	<0.2
2302805 Dup of 2302804	CORE DUP	32	2.70	0.103	11	2	0.99	196	0.013	<20	1.59	0.071	0.17	0.3	<0.01	2.4	<0.1	0.25	6	<0.5	<0.2
2302806	Drill Core	46	3.35	0.135	15	2	0.91	86	0.003	<20	1.63	0.053	0.20	10.9	0.03	2.1	<0.1	0.28	7	0.7	0.3
2302807	Drill Core	81	3.71	0.132	11	18	1.95	143	0.111	<20	2.71	0.077	0.13	2.6	<0.01	7.5	<0.1	0.12	9	<0.5	<0.2
2302808	Drill Core	93	3.72	0.138	9	26	2.29	91	0.168	<20	2.90	0.082	0.11	2.7	<0.01	6.9	<0.1	0.05	9	<0.5	<0.2
2302809	Drill Core	101	3.79	0.138	9	27	2.20	90	0.185	<20	2.87	0.076	0.12	2.4	<0.01	6.6	<0.1	0.06	9	<0.5	<0.2
2302810	Drill Core	50	1.66	0.124	6	3	1.29	85	0.121	<20	1.99	0.150	0.09	12.1	<0.01	2.6	<0.1	0.25	8	0.7	<0.2
2302811	Drill Core	46	1.79	0.124	6	3	1.06	236	0.110	<20	1.82	0.177	0.12	5.6	<0.01	2.8	<0.1	0.24	7	0.9	<0.2
2302812	Drill Core	45	1.95	0.130	5	2	0.86	103	0.076	<20	1.63	0.116	0.17	9.7	<0.01	1.9	<0.1	0.24	6	1.0	<0.2
2302813	Rock Pulp	60	0.85	0.052	4	35	0.78	197	0.109	<20	1.67	0.101	0.15	4.5	0.09	4.4	0.1	0.34	5	<0.5	<0.2
2302814	Drill Core	33	1.64	0.125	6	2	1.06	166	0.082	<20	1.75	0.097	0.18	5.2	<0.01	2.1	<0.1	0.09	6	<0.5	<0.2
2302815	Drill Core	55	2.45	0.126	6	3	0.83	112	0.090	<20	2.03	0.239	0.13	8.4	<0.01	3.0	<0.1	0.11	7	<0.5	<0.2
2302816	Drill Core	43	2.44	0.122	7	3	0.76	124	0.030	<20	1.70	0.190	0.16	4.4	<0.01	2.2	<0.1	0.25	6	0.8	<0.2
2302817	Drill Core	37	3.96	0.127	8	2	0.73	381	0.002	<20	1.60	0.117	0.26	0.9	<0.01	1.7	<0.1	0.14	5	<0.5	<0.2
2302818	Rock	14	0.23	0.031	14	5	0.26	78	0.073	<20	0.62	0.089	0.31	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2302819	Drill Core	47	3.01	0.124	7	2	0.75	130	0.010	<20	1.31	0.104	0.19	7.1	<0.01	1.9	<0.1	0.49	5	0.5	<0.2
2302820	Drill Core	28	3.46	0.112	8	3	0.76	100	0.014	<20	1.25	0.061	0.19	84.1	<0.01	1.7	<0.1	1.17	5	2.2	0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

CERTIFICATE OF ANALYSIS

SMI13000339.1

Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2302791	Rock Pulp	0.18	0.19	<0.005
2302792	Drill Core	0.52	0.23	0.038
2302793	Drill Core	0.47	0.28	0.064
2302794 Dup of 2302793	CORE DUP	0.47	0.28	0.058
2302795	Drill Core	0.55	0.17	0.039
2302796	Drill Core	0.75	0.17	0.037
2302797	Drill Core	0.57	0.07	0.006
2302798	Drill Core	0.52	0.08	0.014
2302799	Drill Core	0.66	0.28	0.035
2302800	Drill Core	0.47	0.17	0.032
2302801	Drill Core	1.55	0.22	0.011
2302802	Drill Core	0.34	0.24	0.008
2302803	Drill Core	0.35	0.30	0.006
2302804	Drill Core	0.61	0.23	0.011
2302805 Dup of 2302804	CORE DUP	0.70	0.24	0.008
2302806	Drill Core	0.90	0.27	0.086
2302807	Drill Core	0.91	0.13	0.011
2302808	Drill Core	0.95	0.06	0.007
2302809	Drill Core	0.98	0.07	0.007
2302810	Drill Core	0.24	0.26	0.048
2302811	Drill Core	0.30	0.26	0.065
2302812	Drill Core	0.36	0.26	0.057
2302813	Rock Pulp	0.08	0.35	0.224
2302814	Drill Core	0.29	0.10	0.041
2302815	Drill Core	0.44	0.11	0.024
2302816	Drill Core	0.52	0.26	0.042
2302817	Drill Core	1.11	0.14	0.025
2302818	Rock	<0.02	<0.02	<0.005
2302819	Drill Core	0.65	0.47	0.016
2302820	Drill Core	0.63	1.21	0.110

QUALITY CONTROL REPORT

SMI13000339.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
REP G1-SMI	QC																				
2302678	Drill Core	3.94	0.002	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.14	<0.02	0.04	<0.001	<0.01	<0.01	1.05	0.06	<0.001	0.85	7.01
REP 2302678	QC																				
2302679	Drill Core	5.04	0.004	0.184	<0.02	<0.01	2	<0.001	<0.001	0.06	3.20	<0.02	0.04	<0.001	<0.01	<0.01	2.90	0.13	0.001	1.67	7.51
REP 2302679	QC		0.005	0.186	<0.02	<0.01	2	<0.001	<0.001	0.06	3.16	<0.02	0.04	<0.001	<0.01	<0.01	2.84	0.13	<0.001	1.65	6.96
2302680	Drill Core	4.33	0.014	0.245	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.78	<0.02	0.03	<0.001	<0.01	<0.01	3.28	0.16	<0.001	1.42	8.10
REP 2302680	QC																				
2302704	Drill Core	7.63	0.004	0.282	<0.02	<0.01	4	<0.001	<0.001	0.09	3.22	<0.02	0.06	<0.001	<0.01	<0.01	8.29	0.12	<0.001	1.33	8.08
REP 2302704	QC																				
REP 2302713	QC																				
2302714	Drill Core	6.96	0.009	0.273	<0.02	<0.01	3	0.002	0.001	0.11	5.02	<0.02	0.03	<0.001	<0.01	<0.01	3.84	0.13	0.003	1.98	8.88
REP 2302714	QC		0.009	0.271	<0.02	<0.01	3	0.001	0.001	0.11	5.00	<0.02	0.03	<0.001	<0.01	<0.01	3.79	0.12	0.003	1.96	8.47
2302739	Drill Core	7.09	0.007	0.112	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.49	<0.02	0.03	<0.001	<0.01	<0.01	3.19	0.13	<0.001	1.16	8.25
REP 2302739	QC																				
2302749	Drill Core	2.77	0.011	0.063	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.22	<0.02	0.05	<0.001	<0.01	<0.01	3.10	0.14	<0.001	1.15	7.92
REP 2302749	QC																				
2302750	Drill Core	3.84	0.007	0.275	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.52	<0.02	0.04	<0.001	<0.01	<0.01	2.85	0.13	<0.001	1.28	7.91
REP 2302750	QC		0.006	0.270	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.38	<0.02	0.04	<0.001	<0.01	<0.01	2.78	0.13	<0.001	1.25	7.69
2302755	Drill Core	3.61	0.004	0.064	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.53	<0.02	0.05	<0.001	<0.01	<0.01	3.16	0.11	<0.001	0.89	7.14
REP 2302755	QC																				
2302774	Drill Core	1.98	0.003	0.242	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.66	<0.02	0.05	<0.001	<0.01	<0.01	2.28	0.08	0.001	0.95	6.61
REP 2302774	QC																				
2302784	Rock	4.27	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.60	<0.02	0.06	<0.001	<0.01	<0.01	1.57	0.03	0.001	0.24	6.48
REP 2302784	QC																				
2302785	Drill Core	7.55	<0.001	0.078	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.93	<0.02	0.04	<0.001	<0.01	<0.01	2.57	0.12	<0.001	0.98	8.24
REP 2302785	QC		<0.001	0.077	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.94	<0.02	0.04	<0.001	<0.01	<0.01	2.58	0.12	<0.001	0.98	8.39
2302809	Drill Core	2.49	<0.001	0.035	<0.02	0.01	<2	0.001	<0.001	0.14	5.50	<0.02	0.05	<0.001	<0.01	<0.01	5.33	0.16	0.003	2.24	8.42
REP 2302809	QC																				

QUALITY CONTROL REPORT

SMI13000339.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
REP G1-SMI	QC				1.2	6.6	2.9	49	<0.1	4.5	4.3	633	2.30	<0.5	<0.5	5.6	65	<0.1	<0.1	0.1	
2302678	Drill Core	3.99	1.88	<0.01	0.08	17.5	775.1	0.8	20	0.2	9.3	3.2	201	1.09	1.2	68.2	3.6	80	<0.1	0.4	0.3
REP 2302678	QC																				
2302679	Drill Core	3.32	1.42	<0.01	0.14	39.1	1913.4	2.2	55	2.1	9.5	10.8	618	2.86	1.1	325.3	1.3	217	<0.1	0.1	2.3
REP 2302679	QC	3.29	1.40	<0.01	0.14																
2302680	Drill Core	2.99	1.59	<0.01	0.15	143.7	2480.1	1.9	35	1.7	6.1	6.3	441	2.21	0.7	324.0	0.7	89	<0.1	0.1	1.9
REP 2302680	QC																				
2302704	Drill Core	2.22	1.46	<0.01	2.20	38.6	2839.6	2.7	44	2.2	7.0	8.4	867	2.75	0.8	182.0	0.5	414	0.3	0.1	2.1
REP 2302704	QC					38.4	2801.5	2.7	48	1.9	7.4	8.6	851	2.67	0.7	142.5	0.5	414	0.1	0.1	2.3
REP 2302713	QC																				
2302714	Drill Core	3.34	1.37	<0.01	0.28	90.5	2800.7	2.6	85	1.2	16.8	15.3	1071	4.33	0.9	319.7	0.8	115	<0.1	0.1	1.3
REP 2302714	QC	3.31	1.35	<0.01	0.28																
2302739	Drill Core	4.24	1.51	<0.01	0.13	73.7	1168.5	1.4	44	0.3	3.8	7.1	598	3.03	1.1	22.0	0.6	83	<0.1	<0.1	0.5
REP 2302739	QC					69.5	1151.7	1.5	45	0.3	3.9	7.3	589	2.95	0.9	25.7	0.6	81	<0.1	<0.1	0.4
2302749	Drill Core	4.22	1.40	<0.01	0.12	109.5	655.2	1.0	72	0.6	1.9	8.9	720	3.69	1.0	62.2	0.5	107	<0.1	<0.1	0.5
REP 2302749	QC																				
2302750	Drill Core	4.03	1.49	<0.01	0.22	65.8	2841.0	1.2	78	1.0	3.7	9.8	718	3.99	0.8	139.1	0.5	86	<0.1	<0.1	1.2
REP 2302750	QC	3.96	1.45	<0.01	0.22																
2302755	Drill Core	4.09	1.15	<0.01	0.31	43.2	687.4	1.5	60	0.2	1.7	7.6	586	3.25	1.6	27.6	0.6	142	<0.1	<0.1	<0.1
REP 2302755	QC																				
2302774	Drill Core	4.20	1.05	<0.01	0.51	27.4	2443.1	3.8	44	0.8	5.6	9.7	548	2.48	1.0	105.7	3.5	62	<0.1	0.2	0.1
REP 2302774	QC					29.0	2450.5	4.1	44	0.9	5.2	9.9	536	2.45	1.2	116.9	3.4	61	0.1	0.1	0.1
2302784	Rock	3.02	1.62	<0.01	<0.05	0.5	9.0	2.9	52	<0.1	1.1	2.2	351	1.58	0.6	3.4	8.2	30	<0.1	<0.1	<0.1
REP 2302784	QC																				
2302785	Drill Core	4.48	1.32	<0.01	0.13	9.0	824.6	1.3	76	0.2	1.6	8.6	703	3.41	1.4	14.2	0.7	64	<0.1	<0.1	<0.1
REP 2302785	QC	4.51	1.32	<0.01	0.14																
2302809	Drill Core	2.85	0.76	<0.01	0.06	3.8	333.2	3.1	101	<0.1	11.9	20.2	1276	4.52	2.2	5.2	0.4	53	<0.1	0.3	<0.1
REP 2302809	QC					3.1	303.3	2.4	94	<0.1	10.4	16.7	1073	4.20	2.6	5.5	0.3	52	<0.1	0.3	<0.1

QUALITY CONTROL REPORT

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
REP G1-SMI	QC	37	0.50	0.083	11	10	0.61	256	0.137	<20	1.14	0.115	0.55	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
2302678	Drill Core	31	0.99	0.056	7	11	0.81	454	0.015	<20	0.60	0.065	0.11	0.3	<0.01	1.8	<0.1	0.08	4	<0.5	<0.2
REP 2302678	QC																				
2302679	Drill Core	57	2.90	0.141	11	7	1.65	1162	0.005	<20	1.16	0.049	0.22	0.8	<0.01	5.0	<0.1	0.14	5	1.7	0.3
REP 2302679	QC																				
2302680	Drill Core	39	3.11	0.163	10	3	1.29	235	0.010	<20	1.56	0.053	0.34	0.4	<0.01	2.2	<0.1	0.15	6	0.7	0.2
REP 2302680	QC																				
2302704	Drill Core	27	8.23	0.117	6	3	1.19	81	0.002	<20	1.54	0.033	0.24	2.7	<0.01	2.2	<0.1	2.27	4	1.4	<0.2
REP 2302704	QC	26	7.90	0.120	7	3	1.14	127	0.002	<20	1.53	0.033	0.24	2.4	<0.01	2.3	<0.1	2.22	4	1.2	0.3
REP 2302713	QC																				
2302714	Drill Core	105	3.67	0.120	9	26	1.89	211	0.004	<20	2.69	0.079	0.23	1.3	<0.01	6.8	<0.1	0.30	9	2.4	0.2
REP 2302714	QC																				
2302739	Drill Core	34	2.96	0.129	8	2	1.12	391	0.003	<20	1.35	0.072	0.19	1.1	<0.01	2.3	<0.1	0.10	5	0.7	<0.2
REP 2302739	QC	33	3.00	0.129	8	2	1.12	379	0.003	<20	1.35	0.072	0.19	1.2	<0.01	2.5	<0.1	0.12	5	0.5	<0.2
2302749	Drill Core	57	2.61	0.128	9	2	1.13	381	0.005	<20	1.61	0.090	0.19	5.3	<0.01	2.7	<0.1	0.13	7	0.6	<0.2
REP 2302749	QC																				
2302750	Drill Core	53	2.51	0.131	9	7	1.29	146	0.002	<20	1.62	0.071	0.19	0.4	<0.01	2.6	<0.1	0.26	7	0.9	<0.2
REP 2302750	QC																				
2302755	Drill Core	42	2.66	0.106	9	2	0.93	460	0.003	<20	1.48	0.090	0.16	0.9	<0.01	2.1	<0.1	0.33	6	0.6	<0.2
REP 2302755	QC																				
2302774	Drill Core	52	2.05	0.081	8	15	0.97	289	0.021	<20	1.14	0.080	0.12	0.8	0.02	3.8	<0.1	0.49	7	<0.5	<0.2
REP 2302774	QC	51	2.01	0.080	8	15	0.96	290	0.021	22	1.15	0.081	0.12	1.0	<0.01	3.9	<0.1	0.49	7	0.6	<0.2
2302784	Rock	14	0.27	0.034	13	7	0.26	78	0.074	30	0.66	0.104	0.29	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
REP 2302784	QC																				
2302785	Drill Core	40	2.46	0.113	11	2	0.95	242	0.003	21	1.57	0.089	0.19	0.1	<0.01	2.3	<0.1	0.14	6	<0.5	<0.2
REP 2302785	QC																				
2302809	Drill Core	101	3.79	0.138	9	27	2.20	90	0.185	<20	2.87	0.076	0.12	2.4	<0.01	6.6	<0.1	0.06	9	<0.5	<0.2
REP 2302809	QC	83	3.31	0.119	8	22	1.93	83	0.142	<20	2.53	0.078	0.11	1.9	<0.01	5.6	<0.1	0.07	8	<0.5	<0.2

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
REP G1-SMI	QC		
2302678	Drill Core	0.41 0.08	0.065
REP 2302678	QC	0.41 0.08	
2302679	Drill Core	1.57 0.14	0.366
REP 2302679	QC		
2302680	Drill Core	0.98 0.15	0.293
REP 2302680	QC		0.291
2302704	Drill Core	1.91 2.35	0.196
REP 2302704	QC		
REP 2302713	QC	1.13 0.32	
2302714	Drill Core	1.07 0.32	0.394
REP 2302714	QC		
2302739	Drill Core	1.16 0.10	0.059
REP 2302739	QC		0.034
2302749	Drill Core	0.81 0.12	0.059
REP 2302749	QC	0.80 0.13	
2302750	Drill Core	0.88 0.25	0.108
REP 2302750	QC		
2302755	Drill Core	0.72 0.33	0.028
REP 2302755	QC		0.029
2302774	Drill Core	0.48 0.50	0.086
REP 2302774	QC		
2302784	Rock	<0.02 <0.02	<0.005
REP 2302784	QC	<0.02 <0.02	
2302785	Drill Core	0.57 0.13	0.025
REP 2302785	QC		
2302809	Drill Core	0.98 0.07	0.007
REP 2302809	QC		

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2302814	Drill Core	5.63	0.005	0.084	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.95	<0.02	0.05	<0.001	<0.01	<0.01	3.35	0.13	0.001	1.05	7.16
REP 2302814	QC																				
2302815	Drill Core	8.35	0.012	0.104	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.90	<0.02	0.05	<0.001	<0.01	<0.01	4.50	0.14	0.001	0.79	6.23
REP 2302815	QC		0.012	0.103	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.95	<0.02	0.05	<0.001	<0.01	<0.01	4.59	0.14	0.001	0.79	6.58
2302818	Rock	4.84	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.50	<0.02	0.05	<0.001	<0.01	<0.01	1.40	0.03	<0.001	0.23	5.39
REP 2302818	QC																				
2302819	Drill Core	3.44	0.005	0.166	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.52	<0.02	0.04	<0.001	<0.01	<0.01	4.01	0.13	<0.001	0.79	6.26
REP 2302819	QC																				
Core Reject Duplicates																					
2302675	Drill Core	7.25	0.005	0.136	<0.02	<0.01	<2	0.002	<0.001	0.05	3.65	<0.02	0.05	<0.001	<0.01	<0.01	3.69	0.13	0.003	2.46	8.77
DUP 2302675	QC		0.005	0.133	<0.02	<0.01	<2	0.002	<0.001	0.05	3.62	<0.02	0.05	<0.001	<0.01	<0.01	3.51	0.13	0.003	2.40	8.08
2302713	Drill Core	6.57	0.015	0.281	<0.02	<0.01	3	0.001	0.001	0.09	4.65	<0.02	0.03	<0.001	<0.01	<0.01	3.95	0.12	0.002	1.93	8.71
DUP 2302713	QC		0.014	0.291	<0.02	<0.01	3	0.001	0.001	0.09	4.56	<0.02	0.04	<0.001	<0.01	<0.01	4.05	0.12	0.002	1.97	8.78
2302751	Drill Core	6.61	0.015	0.224	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.59	<0.02	0.04	<0.001	<0.01	<0.01	3.11	0.13	<0.001	1.14	7.24
DUP 2302751	QC		0.016	0.229	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.70	<0.02	0.04	<0.001	<0.01	<0.01	3.22	0.13	<0.001	1.13	7.07
2302789	Drill Core	7.57	0.002	0.113	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.64	<0.02	0.04	<0.001	<0.01	<0.01	3.24	0.11	<0.001	0.97	6.66
DUP 2302789	QC		0.002	0.113	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.75	<0.02	0.04	<0.001	<0.01	<0.01	3.37	0.11	<0.001	1.04	7.64
Reference Materials																					
STD CDN-ME-14	Standard		0.001	1.245	0.50	3.22	44	0.002	0.018	0.09	18.18	<0.02	<0.01	0.010	<0.01	0.01	0.77	0.02	0.001	1.30	4.34
STD CDN-ME-9	Standard		<0.001	0.666	<0.02	0.01	4	0.950	0.017	0.12	13.95	<0.02	0.03	<0.001	<0.01	<0.01	4.29	0.06	0.028	4.03	6.70
STD CDN-ME-14	Standard		0.001	1.280	0.52	3.21	50	0.002	0.019	0.09	18.12	<0.02	<0.01	0.008	<0.01	<0.01	0.78	0.01	0.002	1.31	4.64
STD CDN-ME-9	Standard		<0.001	0.668	<0.02	0.01	7	0.944	0.018	0.12	14.10	<0.02	0.03	<0.001	<0.01	<0.01	4.24	0.06	0.028	4.02	6.83
STD CDN-ME-14	Standard		0.001	1.213	0.48	3.10	45	0.002	0.017	0.09	17.55	<0.02	<0.01	0.009	<0.01	<0.01	0.71	0.02	0.001	1.26	3.80
STD CDN-ME-9	Standard		<0.001	0.659	<0.02	0.01	4	0.945	0.016	0.12	13.73	<0.02	0.03	<0.001	<0.01	<0.01	4.18	0.06	0.029	4.00	6.62
STD CDN-ME-14	Standard		0.001	1.195	0.49	3.08	44	0.002	0.017	0.09	17.75	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.02	0.001	1.27	4.24
STD CDN-ME-9	Standard		<0.001	0.670	<0.02	0.01	3	0.984	0.018	0.12	13.96	<0.02	0.03	<0.001	<0.01	<0.01	4.24	0.06	0.028	3.98	6.61
STD CDN-ME-14	Standard		0.001	1.216	0.49	3.10	45	0.002	0.018	0.09	17.55	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.01	0.002	1.26	4.25
STD CDN-ME-9	Standard		<0.001	0.635	<0.02	0.01	4	0.915	0.015	0.12	13.36	<0.02	0.03	<0.001	<0.01	<0.01	4.08	0.06	0.026	3.87	6.44
STD DS10	Standard																				



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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2302814	Drill Core	3.70	1.02	<0.01	0.09	54.7	849.0	1.3	74	0.3	1.9	9.4	795	2.98	3.5	19.3	0.5	54	<0.1	0.6	<0.1
REP 2302814	QC																				
2302815	Drill Core	3.10	0.82	<0.01	0.10	124.8	1052.5	1.3	63	0.3	1.6	8.0	846	3.38	3.3	19.7	0.3	71	<0.1	0.2	<0.1
REP 2302815	QC	3.12	0.82	<0.01	0.10																
2302818	Rock	2.88	1.43	<0.01	<0.05	0.6	15.1	2.2	51	<0.1	1.3	2.4	347	1.54	<0.5	0.5	7.6	22	<0.1	<0.1	<0.1
REP 2302818	QC					0.6	15.0	2.2	51	<0.1	1.2	2.4	345	1.54	<0.5	0.6	7.5	22	<0.1	<0.1	<0.1
2302819	Drill Core	3.36	1.34	<0.01	0.49	53.3	1658.1	1.1	49	0.4	1.3	7.8	643	2.89	3.9	11.8	0.5	59	<0.1	0.2	<0.1
REP 2302819	QC																				
Core Reject Duplicates																					
2302675	Drill Core	4.11	1.31	<0.01	0.17	29.3	1376.8	1.0	35	1.2	23.8	11.6	458	3.09	2.7	196.3	0.8	63	<0.1	0.2	2.5
DUP 2302675	QC	4.07	1.30	<0.01	0.15	31.8	1344.7	1.1	33	1.1	22.1	11.4	440	3.06	2.5	260.0	0.8	60	0.1	0.1	2.2
2302713	Drill Core	2.92	1.55	<0.01	0.27	144.4	2932.9	3.0	71	1.5	13.0	14.3	902	4.10	1.1	192.6	0.8	151	<0.1	0.1	1.6
DUP 2302713	QC	2.91	1.58	<0.01	0.28	145.8	2939.7	3.0	71	1.5	12.5	13.4	886	3.94	1.1	133.0	0.8	152	<0.1	<0.1	1.7
2302751	Drill Core	3.82	1.63	<0.01	0.25	172.9	2489.2	1.6	57	1.0	2.3	7.9	651	3.34	0.9	172.8	0.5	163	<0.1	<0.1	0.8
DUP 2302751	QC	3.84	1.63	<0.01	0.26	176.7	2507.4	1.7	60	1.0	2.3	8.4	663	3.33	1.1	110.5	0.5	183	<0.1	<0.1	0.9
2302789	Drill Core	4.50	1.17	<0.01	0.16	18.2	1173.5	1.3	71	0.5	1.5	8.2	699	3.17	0.9	37.5	0.6	95	<0.1	<0.1	<0.1
DUP 2302789	QC	4.47	1.20	<0.01	0.16	18.8	1180.5	1.4	70	0.6	1.7	8.7	703	3.19	0.8	54.1	0.7	99	<0.1	0.1	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.53	1.67	<0.01	16.30																
STD CDN-ME-9	Standard	1.80	0.63	<0.01	2.68																
STD CDN-ME-14	Standard	0.56	1.74	<0.01	15.90																
STD CDN-ME-9	Standard	1.86	0.63	<0.01	2.59																
STD CDN-ME-14	Standard	0.52	1.66	<0.01	15.75																
STD CDN-ME-9	Standard	1.77	0.64	<0.01	2.73																
STD CDN-ME-14	Standard	0.52	1.66	<0.01	15.52																
STD CDN-ME-9	Standard	1.77	0.63	<0.01	2.66																
STD CDN-ME-14	Standard	0.52	1.63	<0.01	16.53																
STD CDN-ME-9	Standard	1.74	0.62	<0.01	3.17																
STD DS10	Standard					14.4	161.3	157.8	359	1.9	76.4	12.8	883	2.85	44.4	84.4	7.5	67	2.6	7.8	10.8

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2302814	Drill Core	33	1.64	0.125	6	2	1.06	166	0.082	<20	1.75	0.097	0.18	5.2	<0.01	2.1	<0.1	0.09	6	<0.5	<0.2
REP 2302814	QC																				
2302815	Drill Core	55	2.45	0.126	6	3	0.83	112	0.090	<20	2.03	0.239	0.13	8.4	<0.01	3.0	<0.1	0.11	7	<0.5	<0.2
REP 2302815	QC																				
2302818	Rock	14	0.23	0.031	14	5	0.26	78	0.073	<20	0.62	0.089	0.31	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
REP 2302818	QC	14	0.23	0.031	14	5	0.26	77	0.071	<20	0.62	0.089	0.31	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
2302819	Drill Core	47	3.01	0.124	7	2	0.75	130	0.010	<20	1.31	0.104	0.19	7.1	<0.01	1.9	<0.1	0.49	5	0.5	<0.2
REP 2302819	QC																				
Core Reject Duplicates																					
2302675	Drill Core	170	2.65	0.126	8	36	2.37	85	0.121	<20	2.04	0.096	0.17	5.8	0.03	10.5	<0.1	0.16	11	0.6	<0.2
DUP 2302675	QC	171	2.49	0.129	8	37	2.43	75	0.123	<20	2.03	0.097	0.17	3.6	0.03	10.7	<0.1	0.15	10	0.7	0.2
2302713	Drill Core	93	3.82	0.117	10	18	1.90	363	0.012	<20	2.41	0.063	0.23	4.2	<0.01	6.1	<0.1	0.29	9	2.6	<0.2
DUP 2302713	QC	91	3.81	0.112	10	17	1.84	373	0.010	<20	2.35	0.054	0.21	3.8	<0.01	6.0	<0.1	0.30	8	2.5	<0.2
2302751	Drill Core	35	3.15	0.132	7	<1	1.19	1116	0.001	<20	1.44	0.058	0.21	0.5	<0.01	2.4	<0.1	0.28	5	1.1	<0.2
DUP 2302751	QC	35	3.27	0.134	7	2	1.20	1407	0.001	<20	1.50	0.062	0.23	0.5	<0.01	2.3	<0.1	0.30	4	1.7	<0.2
2302789	Drill Core	51	3.18	0.112	10	2	1.02	476	0.006	<20	1.57	0.091	0.18	0.4	<0.01	2.2	<0.1	0.16	7	<0.5	<0.2
DUP 2302789	QC	52	3.25	0.111	10	2	1.04	491	0.007	<20	1.64	0.092	0.18	0.3	<0.01	2.3	<0.1	0.16	7	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD DS10	Standard	45	1.08	0.072	17	56	0.80	401	0.077	<20	1.06	0.070	0.34	2.6	0.28	2.7	4.9	0.30	4	2.0	5.2

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QUALITY CONTROL REPORT

SMI13000339.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
2302814	Drill Core	0.29	0.10	0.041
REP 2302814	QC			0.039
2302815	Drill Core	0.44	0.11	0.024
REP 2302815	QC			
2302818	Rock	<0.02	<0.02	<0.005
REP 2302818	QC			
2302819	Drill Core	0.65	0.47	0.016
REP 2302819	QC	0.66	0.50	
Core Reject Duplicates				
2302675	Drill Core	0.57	0.16	0.178
DUP 2302675	QC	0.55	0.16	0.185
2302713	Drill Core	1.12	0.30	0.202
DUP 2302713	QC	1.08	0.31	0.226
2302751	Drill Core	1.26	0.29	0.124
DUP 2302751	QC	1.32	0.30	0.123
2302789	Drill Core	0.86	0.15	0.094
DUP 2302789	QC	0.84	0.16	0.095
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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QUALITY CONTROL REPORT

SMI13000339.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
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STD OXI96	Standard																				

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Project: 204920
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QUALITY CONTROL REPORT

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		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD DS10	Standard					12.5	160.6	152.8	361	2.0	79.9	13.5	919	2.82	46.0	85.6	7.2	68	2.4	9.7	11.6
STD DS10	Standard					12.9	159.4	158.3	370	2.0	78.0	13.2	904	2.80	45.6	86.7	7.5	70	2.7	8.2	11.0
STD DS10	Standard					13.6	155.4	165.2	373	2.0	76.0	12.5	903	2.81	47.7	79.4	7.5	68	2.7	8.6	12.6
STD DS10	Standard					14.8	158.1	161.4	339	2.0	77.6	13.3	880	2.62	42.6	58.1	7.2	55	2.6	7.3	10.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.5	690.2	14.4	29	0.3	371.3	51.0	400	23.94	10.0	65.1	10.8	4	<0.1	0.2	0.3
STD OREAS45EA	Standard					1.6	656.9	14.7	28	0.3	371.9	50.3	406	22.03	8.7	75.6	10.8	4	<0.1	0.2	0.4
STD OREAS45EA	Standard					1.5	717.3	15.7	30	0.3	415.8	54.2	430	23.32	10.2	59.9	11.4	4	<0.1	0.3	0.3
STD OREAS45EA	Standard					1.1	635.6	14.4	28	0.3	351.8	47.4	391	21.23	8.7	54.9	10.2	4	<0.1	0.2	0.3
STD OREAS45EA	Standard					1.6	660.8	14.7	28	0.3	382.2	51.7	405	23.21	9.7	63.2	10.4	3	<0.1	0.2	0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				



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 Report Date: October 25, 2013

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QUALITY CONTROL REPORT

SMI13000339.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS10	Standard	42	1.10	0.079	16	56	0.81	377	0.073	<20	1.06	0.068	0.34	2.9	0.28	2.7	5.1	0.29	4	1.5	5.2
STD DS10	Standard	43	1.09	0.075	17	58	0.79	382	0.078	<20	1.07	0.069	0.34	3.1	0.32	2.8	5.0	0.28	4	1.1	5.6
STD DS10	Standard	43	1.08	0.078	16	54	0.79	400	0.074	39	1.02	0.070	0.34	2.9	0.31	2.8	5.2	0.28	4	1.8	5.3
STD DS10	Standard	42	1.05	0.075	16	56	0.76	365	0.065	<20	0.98	0.064	0.33	3.1	0.31	2.5	5.1	0.28	4	1.7	4.9
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	290	0.04	0.026	7	841	0.10	139	0.086	<20	3.20	0.024	0.06	<0.1	<0.01	77.4	<0.1	<0.05	12	1.7	<0.2
STD OREAS45EA	Standard	319	0.04	0.028	7	819	0.09	143	0.087	<20	3.11	0.016	0.05	<0.1	<0.01	76.4	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	338	0.03	0.030	7	886	0.10	148	0.095	<20	3.30	0.016	0.05	<0.1	0.01	81.4	<0.1	<0.05	13	0.8	<0.2
STD OREAS45EA	Standard	312	0.05	0.024	6	790	0.09	145	0.085	22	2.89	0.019	0.05	<0.1	<0.01	73.8	<0.1	<0.05	12	0.7	<0.2
STD OREAS45EA	Standard	316	0.03	0.027	6	970	0.09	140	0.080	<20	3.06	0.015	0.05	<0.1	<0.01	72.5	<0.1	<0.05	12	0.7	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
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Project: 204920
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QUALITY CONTROL REPORT

SMI13000339.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.95	2.23	
STD GS311-1	Standard	0.94	2.37	
STD GS311-1	Standard	0.98	2.35	
STD GS311-1	Standard	0.99	2.21	
STD GS311-1	Standard	0.97	2.27	
STD GS910-4	Standard	2.64	7.99	
STD GS910-4	Standard	2.69	7.82	
STD GS910-4	Standard	2.62	8.24	
STD GS910-4	Standard	2.67	7.80	
STD GS910-4	Standard	2.66	8.11	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.198
STD OXC109	Standard			0.187
STD OXC109	Standard			0.202
STD OXC109	Standard			0.199
STD OXC109	Standard			0.199
STD OXI96	Standard			1.795
STD OXI96	Standard			1.753
STD OXI96	Standard			1.784
STD OXI96	Standard			1.736
STD OXI96	Standard			1.819



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QUALITY CONTROL REPORT

SMI13000339.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	45	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI13000339.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi		
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD OXL93	Standard																						
STD GS311-1 Expected																							
STD GS910-4 Expected																							
STD OXC109 Expected																							
STD OXI96 Expected																							
STD OXL93 Expected																							
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65		
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26		
STD CDN-ME-14 Expected		0.52	1.5		16																		
STD CDN-ME-9 Expected		1.82	0.63		2.547																		
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank					<0.1	0.4	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.5	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	
BLK	Blank																						
BLK	Blank																						



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Project: 204920
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QUALITY CONTROL REPORT

SMI13000339.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
STD OXL93	Standard	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
BLK	Blank																					

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QUALITY CONTROL REPORT

SMI13000339.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXL93	Standard			5.567
STD OXL93	Standard			5.918
STD OXL93	Standard			5.816
STD OXL93	Standard			5.806
STD OXL93	Standard			5.817
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			0.006

QUALITY CONTROL REPORT

SMI13000339.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
Prep Wash																					
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.48	<0.02	0.07	<0.001	<0.01	<0.01	2.16	0.08	<0.001	0.62	6.44
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.57	<0.02	0.07	<0.001	<0.01	<0.01	2.16	0.07	0.001	0.59	5.67
G1-SMI	Prep Blank																				

QUALITY CONTROL REPORT

SMI13000339.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
Prep Wash																						
G1-SMI	Prep Blank	2.50	2.21	<0.01	<0.05																	
G1-SMI	Prep Blank	2.50	1.60	<0.01	<0.05	0.5	3.1	3.3	49	<0.1	5.4	4.6	634	2.35	<0.5	<0.5	5.2	75	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank					1.1	7.1	2.9	48	<0.1	4.0	4.4	605	2.21	<0.5	1.8	5.2	65	<0.1	<0.1	0.1	



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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Part: 3 of 4

QUALITY CONTROL REPORT

SMI13000339.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank																				
G1-SMI	Prep Blank	37	0.54	0.083	11	11	0.60	278	0.138	<20	1.22	0.130	0.56	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	36	0.45	0.077	10	10	0.58	244	0.131	<20	1.10	0.108	0.53	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 25, 2013

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QUALITY CONTROL REPORT

SMI13000339.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	0.006
G1-SMI	Prep Blank	0.03	<0.02	<0.005
G1-SMI	Prep Blank			



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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: February 17, 2014
Report Date: February 25, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000339R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_005
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7TD1	41	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 25, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000339R.1

Method	7TD	
Analyte	Ag	
Unit	gm/t	
MDL	2	
2302707	Drill Core	<2
2302708	Drill Core	2
2302709	Drill Core	<2
2302710	Rock	<2
2302711	Drill Core	<2
2302712	Drill Core	<2
2302713	Drill Core	<2
2302714	Drill Core	<2
2302715	Drill Core	<2
2302716	Drill Core	<2
2302717 Dup of 2302716	CORE DUP	<2
2302718	Drill Core	<2
2302719	Drill Core	<2
2302720	Drill Core	<2
2302721	Drill Core	<2
2302722	Drill Core	<2
2302723	Drill Core	<2
2302724	Rock Pulp	3
2302725	Drill Core	2
2302726	Drill Core	<2
2302727	Drill Core	<2
2302728 Dup of 2302727	CORE DUP	<2
2302729	Drill Core	<2
2302730	Drill Core	<2
2302731	Drill Core	<2
2302732	Drill Core	<2
2302733	Drill Core	<2
2302734	Drill Core	<2
2302735	Drill Core	<2
2302736	Drill Core	<2



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Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: February 25, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000339R.1

	Method	7TD
	Analyte	Ag
	Unit	gm/t
	MDL	2
2302737	Rock	<2
2302738	Drill Core	<2
2302739	Drill Core	<2
2302740	Drill Core	<2
2302741	Drill Core	<2
2302742	Drill Core	<2
2302743	Drill Core	<2
2302744	Rock	<2
2302745	Drill Core	<2
2302746	Drill Core	<2
2302747	Drill Core	<2



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Project: 204920
 Report Date: February 25, 2014

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000339R.1

	Method	7TD
Analyte		Ag
Unit		gm/t
MDL		2
Pulp Duplicates		
2302740	Drill Core	<2
REP 2302740	QC	<2
2302747	Drill Core	<2
REP 2302747	QC	<2
Reference Materials		
STD CDN-ME-14	Standard	47
STD CDN-ME-9	Standard	3
STD CDN-ME-14	Standard	45
STD CDN-ME-9	Standard	4
STD CDN-ME-14 Expected		42.3
BLK	Blank	<2
BLK	Blank	<2

CERTIFICATE OF ANALYSIS

SMI13000353.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_006
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	140	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	8	Split samples by riffle splitter			SMI
P200	8	Pulverize to 85% passing 200 mesh			VAN
7TD2	148	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	148	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	148	Analysis by Leco	0.1	Completed	VAN
G6	148	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144651	Drill Core	7.60	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.75	<0.02	0.06	<0.001	<0.01	<0.01	3.49	0.14	<0.001	1.38	9.23
1144652	Drill Core	7.34	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.45	<0.02	0.04	<0.001	<0.01	<0.01	4.34	0.13	<0.001	1.29	8.56
1144653	Drill Core	6.21	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.60	<0.02	0.04	<0.001	<0.01	<0.01	3.06	0.13	<0.001	1.40	8.31
1144654	Drill Core	6.97	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.52	<0.02	0.04	<0.001	<0.01	<0.01	2.93	0.13	<0.001	1.42	8.86
1144655	Drill Core	7.90	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.57	<0.02	0.04	<0.001	<0.01	<0.01	3.35	0.13	<0.001	1.40	8.04
1144656	Drill Core	3.34	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.54	<0.02	0.06	<0.001	<0.01	<0.01	3.18	0.13	<0.001	1.28	8.23
1144657 Dup of 1144656	CORE DUP	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.65	<0.02	0.06	<0.001	<0.01	<0.01	3.32	0.14	<0.001	1.34	9.03	
1144658	Drill Core	7.18	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.50	<0.02	0.06	<0.001	<0.01	<0.01	4.12	0.13	<0.001	1.21	8.08
1144659	Drill Core	7.38	<0.001	0.012	<0.02	<0.01	<2	0.001	0.002	0.20	7.27	<0.02	0.06	<0.001	<0.01	<0.01	11.53	0.09	<0.001	1.77	8.09
1144660	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.29	<0.02	0.05	<0.001	<0.01	<0.01	1.89	0.06	0.001	0.54	7.26
1144661	Drill Core	8.66	<0.001	0.019	<0.02	<0.01	<2	0.001	0.002	0.26	7.72	<0.02	0.08	<0.001	<0.01	<0.01	10.23	0.11	0.001	1.85	8.70
1144662	Drill Core	7.70	<0.001	0.002	<0.02	<0.01	<2	0.002	0.002	0.25	7.35	<0.02	0.08	<0.001	<0.01	<0.01	9.68	0.08	<0.001	2.03	8.16
1144663	Drill Core	4.55	<0.001	0.015	<0.02	<0.01	<2	0.002	0.002	0.19	8.03	<0.02	0.06	<0.001	<0.01	<0.01	8.06	0.08	0.004	2.44	7.95
1144664	Drill Core	6.20	<0.001	0.021	<0.02	<0.01	<2	0.002	0.003	0.19	7.95	<0.02	0.06	<0.001	<0.01	<0.01	8.48	0.09	0.002	2.35	8.11
1144665	Drill Core	6.48	<0.001	0.027	<0.02	<0.01	<2	0.002	0.002	0.27	7.67	<0.02	0.05	<0.001	<0.01	<0.01	8.93	0.08	0.003	2.36	8.28
1144666	Drill Core	6.12	<0.001	0.009	<0.02	<0.01	<2	0.002	0.002	0.19	7.63	<0.02	0.05	<0.001	<0.01	<0.01	7.48	0.08	0.004	2.45	8.12
1144667	Drill Core	3.76	<0.001	0.028	<0.02	<0.01	<2	0.002	0.002	0.23	8.63	<0.02	0.05	<0.001	<0.01	<0.01	8.37	0.07	0.003	2.72	7.99
1144668	Drill Core	8.74	<0.001	0.052	<0.02	<0.01	<2	0.002	0.003	0.24	7.69	<0.02	0.04	<0.001	<0.01	<0.01	7.27	0.07	<0.001	2.46	8.23
1144669	Drill Core	7.62	<0.001	0.006	<0.02	<0.01	<2	0.002	0.003	0.21	8.09	<0.02	0.05	<0.001	<0.01	<0.01	7.95	0.08	0.001	2.69	8.24
1144670	Drill Core	9.64	<0.001	0.001	<0.02	<0.01	<2	0.002	0.002	0.37	7.73	<0.02	0.04	<0.001	<0.01	<0.01	9.53	0.08	0.003	2.31	8.38
1144671	Drill Core	7.07	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.002	0.17	7.07	<0.02	0.06	<0.001	<0.01	<0.01	8.26	0.10	<0.001	1.89	8.93
1144672	Rock Pulp	0.19	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.60	<0.02	0.06	<0.001	<0.01	<0.01	2.22	0.07	0.001	0.70	7.49
1144673	Drill Core	9.31	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.002	0.25	6.77	<0.02	0.05	<0.001	<0.01	<0.01	8.11	0.10	<0.001	1.86	8.69
1144674 Dup of 1144673	CORE DUP	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.24	6.81	<0.02	0.05	<0.001	<0.01	<0.01	7.91	0.10	0.002	1.84	8.75	
1144675	Drill Core	6.38	<0.001	0.027	<0.02	<0.01	<2	0.001	0.002	0.22	7.27	<0.02	0.05	<0.001	<0.01	<0.01	8.67	0.10	<0.001	1.85	8.62
1144676	Rock	4.72	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	0.002	0.24	7.61
1144677	Drill Core	9.13	<0.001	0.009	<0.02	<0.01	<2	0.001	0.002	0.29	6.98	<0.02	0.04	<0.001	<0.01	<0.01	7.77	0.10	0.001	1.97	9.03
1144678	Drill Core	3.59	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.001	0.37	6.50	<0.02	0.04	<0.001	<0.01	<0.01	8.67	0.10	0.003	1.64	8.78
1144679	Drill Core	4.00	<0.001	0.002	<0.02	<0.01	<2	<0.001	0.001	0.36	6.28	<0.02	0.04	<0.001	<0.01	<0.01	8.73	0.09	0.003	1.63	8.74
1144680	Drill Core	6.44	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.22	5.97	<0.02	0.04	<0.001	<0.01	<0.01	6.43	0.09	<0.001	1.70	9.20

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144651	Drill Core	4.70	0.78	<0.01	0.06	0.3	69.2	0.9	46	<0.1	2.3	10.4	764	3.25	4.8	14.8	0.2	47	<0.1	0.2	<0.1
1144652	Drill Core	4.85	0.65	<0.01	0.12	0.8	108.7	0.9	40	<0.1	2.2	10.5	724	3.31	11.2	272.9	0.2	38	<0.1	0.2	<0.1
1144653	Drill Core	4.99	0.73	<0.01	0.08	0.6	61.6	0.7	43	<0.1	2.2	11.5	795	3.65	6.7	19.9	0.2	35	<0.1	0.1	<0.1
1144654	Drill Core	5.16	0.71	<0.01	0.07	0.5	61.7	0.6	41	<0.1	2.1	10.5	765	3.61	4.9	9.8	0.2	32	<0.1	0.1	<0.1
1144655	Drill Core	5.12	0.44	<0.01	0.09	1.2	62.0	0.9	40	<0.1	3.0	12.5	746	3.62	8.8	6.7	0.2	34	<0.1	0.1	<0.1
1144656	Drill Core	5.32	0.38	<0.01	0.06	1.0	73.5	0.9	38	<0.1	2.6	10.7	671	3.30	11.4	3.4	0.1	40	<0.1	0.1	<0.1
1144657 Dup of 1144656	CORE DUP	5.43	0.40	<0.01	0.06	1.1	74.2	0.9	37	<0.1	2.3	10.5	667	3.29	11.1	1.8	0.1	39	<0.1	0.2	<0.1
1144658	Drill Core	5.00	0.64	<0.01	0.13	1.9	117.7	1.5	35	0.1	2.4	12.1	772	3.46	26.2	4.4	0.2	51	<0.1	0.3	<0.1
1144659	Drill Core	2.32	0.30	<0.01	0.08	3.8	107.7	1.2	45	0.1	10.5	23.4	1234	4.25	116.7	6.8	0.1	98	<0.1	0.5	<0.1
1144660	Rock Pulp	2.90	1.38	<0.01	0.21	11.6	158.6	12.4	43	0.1	7.5	5.6	221	1.87	2.2	0.7	3.3	40	<0.1	<0.1	0.1
1144661	Drill Core	2.53	0.15	<0.01	0.08	2.3	165.8	1.2	40	0.2	10.1	19.2	732	3.16	99.4	8.5	0.2	112	<0.1	0.7	<0.1
1144662	Drill Core	2.35	0.27	<0.01	<0.05	1.1	26.9	0.8	22	<0.1	8.0	20.8	423	1.72	33.0	1.6	0.1	108	<0.1	0.6	<0.1
1144663	Drill Core	2.74	0.50	<0.01	<0.05	9.7	144.6	0.7	31	0.2	9.8	16.9	468	2.36	23.3	11.7	0.1	55	<0.1	0.4	<0.1
1144664	Drill Core	2.62	0.35	<0.01	0.05	0.7	201.3	0.8	32	0.2	10.1	23.8	459	2.18	35.7	4.3	0.1	69	<0.1	0.5	<0.1
1144665	Drill Core	2.50	0.34	<0.01	0.07	0.9	244.3	1.1	35	0.3	11.2	20.4	592	2.37	31.6	60.8	0.1	58	<0.1	0.5	<0.1
1144666	Drill Core	3.02	0.47	<0.01	<0.05	0.6	92.3	1.2	32	<0.1	10.7	21.0	550	2.49	27.6	7.4	<0.1	58	<0.1	0.4	<0.1
1144667	Drill Core	2.31	0.57	<0.01	0.07	1.3	245.9	1.0	39	0.3	14.0	21.7	744	3.15	29.4	7.8	<0.1	76	0.1	0.5	<0.1
1144668	Drill Core	2.78	0.70	<0.01	0.12	0.9	521.2	1.6	50	0.5	16.8	29.2	1076	4.29	30.6	26.5	0.2	44	<0.1	0.3	0.2
1144669	Drill Core	2.46	0.35	<0.01	0.06	0.8	65.0	1.0	39	<0.1	16.4	37.3	723	3.48	50.7	3.6	0.1	64	<0.1	0.4	<0.1
1144670	Drill Core	2.24	0.37	<0.01	<0.05	1.0	17.9	1.0	25	<0.1	9.7	20.1	592	2.17	27.7	1.6	0.1	59	<0.1	0.5	<0.1
1144671	Drill Core	2.92	0.45	<0.01	<0.05	0.6	15.7	1.0	23	<0.1	6.3	18.0	451	2.19	21.9	<0.5	0.1	63	<0.1	0.4	<0.1
1144672	Rock Pulp	3.18	1.20	<0.01	0.26	38.9	732.9	21.1	50	0.5	8.9	9.3	238	2.26	3.0	0.7	3.5	48	0.3	<0.1	0.2
1144673	Drill Core	2.73	0.82	<0.01	<0.05	0.7	11.2	0.8	24	<0.1	5.9	19.5	492	2.13	23.7	0.8	0.1	53	<0.1	0.4	<0.1
1144674 Dup of 1144673	CORE DUP	2.80	0.85	<0.01	<0.05	0.7	12.0	0.8	23	<0.1	6.1	19.1	475	2.09	22.9	0.9	0.1	53	<0.1	0.3	<0.1
1144675	Drill Core	2.84	0.38	<0.01	0.13	1.0	256.3	1.1	26	0.3	9.7	23.2	548	2.63	32.4	9.5	0.1	59	<0.1	0.5	<0.1
1144676	Rock	2.80	2.18	<0.01	<0.05	0.5	9.5	1.7	47	<0.1	1.2	2.1	289	1.27	0.6	0.8	6.5	19	<0.1	<0.1	<0.1
1144677	Drill Core	2.77	0.68	<0.01	<0.05	0.7	90.6	0.9	37	0.1	9.1	21.4	634	3.00	20.8	9.1	0.1	46	<0.1	0.3	<0.1
1144678	Drill Core	2.50	0.88	<0.01	<0.05	0.8	16.7	1.4	29	<0.1	5.1	13.1	651	2.26	11.8	7.9	0.1	50	<0.1	0.3	<0.1
1144679	Drill Core	2.50	0.83	<0.01	<0.05	0.6	20.1	1.6	31	<0.1	5.6	15.1	674	2.31	14.0	4.4	0.2	51	<0.1	0.4	<0.1
1144680	Drill Core	3.68	0.64	<0.01	0.13	0.5	66.6	3.9	47	0.2	6.5	19.2	851	3.43	16.8	7.6	0.1	43	<0.1	0.3	<0.1

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
1144651	Drill Core	54	1.03	0.116	4	4	1.19	25	0.137	<20	1.59	0.117	0.06	0.2	<0.01	1.8	<0.1	<0.05	9	<0.5	<0.2
1144652	Drill Core	59	2.14	0.115	4	3	1.27	22	0.120	<20	1.84	0.108	0.05	0.3	<0.01	2.4	<0.1	0.10	10	<0.5	<0.2
1144653	Drill Core	65	1.39	0.112	4	3	1.42	22	0.126	<20	1.76	0.092	0.05	0.2	<0.01	2.5	<0.1	0.07	10	<0.5	<0.2
1144654	Drill Core	64	1.37	0.114	4	3	1.41	16	0.115	<20	1.76	0.107	0.04	0.2	<0.01	2.4	<0.1	0.07	10	<0.5	<0.2
1144655	Drill Core	68	1.56	0.109	3	4	1.39	13	0.119	<20	1.77	0.116	0.03	0.2	<0.01	2.4	<0.1	0.08	9	<0.5	<0.2
1144656	Drill Core	53	1.23	0.111	4	4	1.20	14	0.120	<20	1.56	0.131	0.03	0.2	<0.01	1.9	<0.1	0.05	8	<0.5	<0.2
1144657 Dup of 1144656	CORE DUP	54	1.27	0.109	3	4	1.20	15	0.128	<20	1.54	0.121	0.02	0.2	<0.01	2.0	<0.1	0.05	8	<0.5	<0.2
1144658	Drill Core	62	2.17	0.110	4	3	1.19	29	0.138	<20	1.66	0.128	0.04	0.3	<0.01	2.8	<0.1	0.12	8	<0.5	<0.2
1144659	Drill Core	118	6.29	0.076	1	14	1.45	4	0.155	<20	2.16	0.055	0.01	0.3	<0.01	5.0	<0.1	0.07	6	<0.5	<0.2
1144660	Rock Pulp	26	0.87	0.052	11	11	0.43	38	0.019	<20	0.79	0.066	0.15	0.4	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
1144661	Drill Core	87	3.42	0.085	2	12	1.09	22	0.168	76	1.64	0.077	0.01	0.3	<0.01	4.0	<0.1	0.08	5	<0.5	<0.2
1144662	Drill Core	67	2.15	0.071	1	9	0.54	10	0.179	74	1.03	0.069	0.02	0.3	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1144663	Drill Core	88	1.77	0.070	1	13	0.82	11	0.170	<20	1.18	0.100	0.06	0.2	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1144664	Drill Core	77	1.65	0.075	1	12	0.77	8	0.158	<20	1.24	0.092	0.04	0.2	<0.01	3.4	<0.1	0.05	3	<0.5	<0.2
1144665	Drill Core	84	2.18	0.069	1	15	0.84	10	0.165	70	1.46	0.088	0.04	0.2	<0.01	3.6	<0.1	0.06	4	<0.5	<0.2
1144666	Drill Core	96	1.68	0.070	1	11	0.86	12	0.164	<20	1.31	0.108	0.05	0.2	<0.01	3.8	<0.1	<0.05	3	<0.5	<0.2
1144667	Drill Core	137	2.09	0.059	1	24	1.15	14	0.191	<20	1.65	0.089	0.06	0.2	<0.01	5.0	<0.1	0.07	5	<0.5	<0.2
1144668	Drill Core	176	3.14	0.062	2	24	1.56	13	0.167	69	2.15	0.070	0.10	0.3	<0.01	10.3	<0.1	0.11	7	<0.5	<0.2
1144669	Drill Core	122	2.09	0.068	1	18	1.48	19	0.156	34	1.87	0.080	0.04	0.3	<0.01	4.6	<0.1	0.06	5	<0.5	<0.2
1144670	Drill Core	105	1.96	0.067	1	14	0.75	18	0.183	231	1.28	0.074	0.03	0.2	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1144671	Drill Core	101	1.64	0.083	1	6	0.74	7	0.168	49	1.29	0.083	0.04	0.2	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1144672	Rock Pulp	40	0.67	0.056	8	13	0.62	53	0.043	<20	0.97	0.072	0.16	0.9	<0.01	2.2	<0.1	0.25	5	<0.5	<0.2
1144673	Drill Core	97	1.76	0.084	1	5	0.76	14	0.159	169	1.37	0.090	0.05	0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1144674 Dup of 1144673	CORE DUP	97	1.71	0.083	1	5	0.74	13	0.158	153	1.34	0.092	0.05	0.1	<0.01	3.6	0.1	<0.05	4	<0.5	<0.2
1144675	Drill Core	98	2.29	0.085	1	5	0.83	8	0.169	108	1.48	0.099	0.04	0.2	<0.01	3.8	<0.1	0.13	5	<0.5	<0.2
1144676	Rock	13	0.20	0.024	12	4	0.23	67	0.060	<20	0.52	0.071	0.30	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1144677	Drill Core	121	1.74	0.083	1	7	1.04	15	0.172	263	1.73	0.106	0.06	0.2	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1144678	Drill Core	102	2.17	0.080	1	4	0.82	11	0.163	349	1.37	0.070	0.04	0.2	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1144679	Drill Core	101	2.17	0.079	1	5	0.82	12	0.162	389	1.39	0.078	0.04	0.2	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1144680	Drill Core	100	2.24	0.077	2	6	1.31	9	0.135	130	1.77	0.093	0.05	0.2	<0.01	4.8	<0.1	0.12	7	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144651	Drill Core	0.13	0.05	<0.005
1144652	Drill Core	0.40	0.12	0.009
1144653	Drill Core	0.33	0.07	0.006
1144654	Drill Core	0.30	0.06	0.006
1144655	Drill Core	0.36	0.08	0.011
1144656	Drill Core	0.27	0.06	<0.005
1144657 Dup of 1144656	CORE DUP	0.26	0.06	<0.005
1144658	Drill Core	0.57	0.12	0.009
1144659	Drill Core	1.98	0.09	0.009
1144660	Rock Pulp	0.25	0.20	<0.005
1144661	Drill Core	0.90	0.08	0.012
1144662	Drill Core	0.38	0.02	<0.005
1144663	Drill Core	0.28	0.04	0.007
1144664	Drill Core	0.20	0.05	0.006
1144665	Drill Core	0.33	0.06	0.011
1144666	Drill Core	0.24	0.04	0.005
1144667	Drill Core	0.32	0.06	0.012
1144668	Drill Core	0.82	0.12	0.026
1144669	Drill Core	0.36	0.05	0.005
1144670	Drill Core	0.26	0.04	0.022
1144671	Drill Core	0.14	<0.02	<0.005
1144672	Rock Pulp	0.19	0.23	<0.005
1144673	Drill Core	0.17	0.02	<0.005
1144674 Dup of 1144673	CORE DUP	0.18	0.03	<0.005
1144675	Drill Core	0.37	0.14	0.019
1144676	Rock	0.03	<0.02	<0.005
1144677	Drill Core	0.15	0.03	0.010
1144678	Drill Core	0.37	0.03	0.009
1144679	Drill Core	0.36	0.04	0.008
1144680	Drill Core	0.54	0.12	0.012



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Project: 204920

Report Date: November 18, 2013

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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144681	Drill Core	7.93	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.21	4.83	<0.02	0.03	<0.001	<0.01	<0.01	5.53	0.09	<0.001	1.53	9.26
1144682	Drill Core	7.51	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.17	4.90	<0.02	0.04	<0.001	<0.01	<0.01	4.54	0.10	0.003	1.56	8.83
1144683	Drill Core	8.01	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.28	5.20	<0.02	0.03	<0.001	<0.01	<0.01	6.53	0.11	<0.001	1.57	8.74
1144684	Drill Core	6.89	<0.001	0.013	<0.02	0.01	<2	<0.001	<0.001	0.31	5.76	<0.02	0.02	<0.001	<0.01	<0.01	6.37	0.10	<0.001	1.82	8.72
1144685	Drill Core	4.71	<0.001	0.005	<0.02	<0.01	<2	0.002	0.001	0.22	6.52	<0.02	0.02	<0.001	<0.01	<0.01	5.36	0.16	0.003	2.08	8.47
1144686	Drill Core	4.77	<0.001	0.003	<0.02	<0.01	<2	0.001	<0.001	0.12	5.97	<0.02	0.02	<0.001	<0.01	<0.01	4.84	0.22	<0.001	1.87	8.32
1144687	Drill Core	3.19	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.12	5.94	<0.02	0.03	<0.001	<0.01	<0.01	3.90	0.21	0.001	2.21	8.52
1144688	Drill Core	3.08	<0.001	0.002	<0.02	<0.01	<2	0.002	0.001	0.12	6.08	<0.02	0.03	<0.001	<0.01	<0.01	4.00	0.22	0.001	2.22	8.70
1144689	Drill Core	7.40	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.11	5.86	<0.02	0.03	<0.001	<0.01	<0.01	3.98	0.21	<0.001	2.13	8.57
1144690	Drill Core	6.93	<0.001	0.002	<0.02	<0.01	<2	0.002	0.001	0.13	5.90	<0.02	0.04	<0.001	<0.01	<0.01	3.90	0.21	<0.001	2.14	8.69
1144691	Drill Core	6.64	<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.13	6.26	<0.02	0.04	<0.001	<0.01	<0.01	4.21	0.22	<0.001	2.09	8.58
1144692	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	0.001	<0.001	0.03	2.23	<0.02	0.05	<0.001	<0.01	<0.01	1.90	0.06	0.003	0.54	7.60
1144693	Drill Core	5.30	<0.001	0.017	<0.02	<0.01	<2	0.002	0.002	0.14	5.38	<0.02	0.04	<0.001	<0.01	<0.01	10.36	0.11	<0.001	0.71	7.71
1144694	Drill Core	10.01	<0.001	0.017	<0.02	<0.01	<2	0.001	0.001	0.13	6.36	<0.02	0.02	<0.001	<0.01	<0.01	6.36	0.13	<0.001	0.70	7.99
1144695	Drill Core	7.56	<0.001	0.013	<0.02	<0.01	<2	0.001	0.001	0.12	5.78	<0.02	0.03	<0.001	<0.01	<0.01	6.78	0.12	0.001	0.78	8.03
1144696 Dup of 1144695	CORE DUP		<0.001	0.012	<0.02	<0.01	<2	0.001	0.001	0.11	5.70	<0.02	0.03	<0.001	<0.01	<0.01	6.06	0.12	<0.001	0.77	8.08
1144697	Drill Core	7.32	<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.13	6.34	<0.02	0.03	<0.001	<0.01	<0.01	4.40	0.12	0.002	2.73	8.46
1144698	Drill Core	6.20	<0.001	0.005	<0.02	<0.01	<2	0.004	0.002	0.13	6.21	<0.02	0.05	<0.001	<0.01	<0.01	5.79	0.14	0.004	3.16	8.42
1144699	Rock	5.18	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.33	<0.02	0.05	<0.001	<0.01	<0.01	1.41	0.03	<0.001	0.22	6.99
1144700	Drill Core	5.70	<0.001	0.005	<0.02	<0.01	<2	0.007	0.003	0.15	6.23	<0.02	0.04	<0.001	<0.01	<0.01	6.24	0.09	0.011	4.07	8.47
1144701	Drill Core	8.18	<0.001	0.008	<0.02	<0.01	<2	0.005	0.002	0.13	6.48	<0.02	0.04	<0.001	<0.01	<0.01	5.61	0.13	0.006	3.24	8.43
1144702	Drill Core	6.20	<0.001	0.010	<0.02	<0.01	<2	0.006	0.003	0.16	6.59	<0.02	0.03	<0.001	<0.01	<0.01	8.37	0.08	0.007	2.52	7.68
1144703	Drill Core	2.49	<0.001	0.017	<0.02	<0.01	<2	0.003	0.002	0.12	5.94	<0.02	0.03	<0.001	<0.01	<0.01	5.72	0.13	0.002	2.08	8.19
1144704	Drill Core	7.38	<0.001	0.015	<0.02	<0.01	<2	0.001	0.001	0.10	4.97	<0.02	0.02	<0.001	<0.01	<0.01	6.89	0.13	0.001	0.84	8.01
1144705	Drill Core	3.70	<0.001	0.011	<0.02	<0.01	<2	0.003	0.001	0.13	5.78	<0.02	0.02	<0.001	<0.01	<0.01	8.85	0.09	<0.001	1.06	7.12
1144706	Drill Core	3.74	<0.001	0.012	<0.02	<0.01	<2	0.003	0.001	0.13	5.93	<0.02	0.02	<0.001	<0.01	<0.01	8.71	0.09	<0.001	1.14	7.25
1144707	Drill Core	8.33	<0.001	0.001	<0.02	<0.01	<2	0.001	0.001	0.17	7.37	<0.02	0.06	<0.001	<0.01	<0.01	9.11	0.10	0.001	1.29	7.99
1144708	Drill Core	8.74	<0.001	0.017	<0.02	<0.01	<2	0.001	0.002	0.20	7.81	<0.02	0.06	<0.001	<0.01	<0.01	7.23	0.11	<0.001	1.72	7.98
1144709	Drill Core	8.06	<0.001	0.026	<0.02	<0.01	<2	0.001	0.002	0.20	7.75	<0.02	0.08	<0.001	<0.01	<0.01	8.33	0.10	<0.001	1.78	8.12
1144710	Drill Core	8.66	<0.001	0.010	<0.02	<0.01	<2	0.001	0.002	0.20	7.88	<0.02	0.06	<0.001	<0.01	<0.01	8.44	0.10	0.001	1.73	7.99

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144681	Drill Core	3.98	1.03	<0.01	<0.05	0.4	27.2	1.1	49	<0.1	6.7	18.8	1149	3.42	12.0	1.4	0.2	35	<0.1	0.2	<0.1
1144682	Drill Core	4.65	0.53	<0.01	<0.05	0.4	6.4	0.8	46	<0.1	6.1	14.1	1250	3.57	6.0	0.5	0.1	36	<0.1	0.2	<0.1
1144683	Drill Core	3.82	0.20	<0.01	0.06	1.2	33.7	1.4	48	<0.1	7.0	14.5	1490	3.45	10.8	2.3	0.2	42	<0.1	0.3	<0.1
1144684	Drill Core	3.55	0.44	<0.01	0.20	0.7	134.2	2.9	82	<0.1	8.5	16.5	1735	4.11	11.6	4.8	0.2	37	<0.1	0.4	<0.1
1144685	Drill Core	2.70	1.17	<0.01	0.09	1.3	56.4	1.8	84	0.7	13.9	21.3	1604	5.19	11.4	11.5	0.3	40	0.2	0.2	<0.1
1144686	Drill Core	3.14	1.16	<0.01	0.05	0.8	35.5	1.7	80	<0.1	10.1	20.3	1129	5.12	5.5	1.0	0.4	41	<0.1	0.3	<0.1
1144687	Drill Core	3.25	1.07	<0.01	<0.05	0.7	27.8	1.8	82	<0.1	13.5	21.9	1175	5.45	3.7	<0.5	0.4	38	<0.1	0.3	<0.1
1144688	Drill Core	3.29	1.15	<0.01	<0.05	1.1	27.2	2.2	84	<0.1	11.7	21.2	1131	5.25	4.3	<0.5	0.4	36	<0.1	0.3	<0.1
1144689	Drill Core	3.38	0.98	<0.01	<0.05	1.1	25.1	1.8	81	<0.1	16.4	21.8	1086	5.26	4.1	2.2	0.4	36	<0.1	0.2	<0.1
1144690	Drill Core	3.06	1.03	<0.01	0.05	1.1	27.7	7.7	82	<0.1	14.2	20.0	1093	5.35	7.9	2.7	0.5	39	0.3	0.3	<0.1
1144691	Drill Core	2.89	1.19	<0.01	<0.05	0.8	27.6	4.0	87	<0.1	12.4	20.9	1122	5.38	5.0	2.5	0.5	46	0.1	0.2	<0.1
1144692	Rock Pulp	2.92	1.09	<0.01	0.23	12.3	181.2	11.8	40	<0.1	6.4	5.3	217	1.84	3.0	<0.5	3.3	48	0.2	0.1	0.1
1144693	Drill Core	3.65	1.07	<0.01	0.11	0.8	168.9	2.2	51	<0.1	12.3	22.3	1324	4.37	15.5	<0.5	0.3	70	<0.1	0.5	<0.1
1144694	Drill Core	4.26	0.77	<0.01	0.33	1.5	169.0	3.0	72	0.1	12.6	20.1	1288	5.56	47.8	11.8	0.5	37	<0.1	0.4	<0.1
1144695	Drill Core	3.88	0.96	<0.01	0.35	3.3	126.5	2.3	61	0.1	13.0	17.0	1086	4.72	48.0	14.3	0.4	48	0.2	0.6	<0.1
1144696 Dup of 1144695	CORE DUP	3.99	0.93	<0.01	0.32	3.1	129.4	2.8	60	<0.1	13.1	17.3	1074	4.83	46.7	10.7	0.3	45	<0.1	0.2	<0.1
1144697	Drill Core	4.20	0.78	<0.01	0.16	0.6	50.3	2.2	83	<0.1	21.9	27.4	1198	5.66	14.7	0.7	0.7	32	<0.1	0.2	<0.1
1144698	Drill Core	3.16	0.89	<0.01	<0.05	0.7	56.4	1.6	62	<0.1	34.8	26.6	1032	5.02	8.4	3.5	0.6	61	<0.1	0.3	<0.1
1144699	Rock	2.75	1.45	<0.01	<0.05	0.1	9.1	1.8	45	<0.1	1.6	2.0	298	1.27	<0.5	5.2	7.8	18	<0.1	<0.1	<0.1
1144700	Drill Core	2.97	0.74	<0.01	0.05	0.1	56.2	2.1	71	<0.1	60.4	31.1	1101	4.93	8.2	<0.5	0.4	55	<0.1	0.2	<0.1
1144701	Drill Core	3.07	1.05	<0.01	0.14	1.2	81.1	2.0	68	<0.1	41.5	28.6	1178	5.59	9.3	1.2	0.6	49	0.1	0.3	<0.1
1144702	Drill Core	2.50	0.42	<0.01	0.27	6.5	104.2	4.3	66	<0.1	64.5	33.5	1436	5.73	37.7	3.4	0.3	79	<0.1	0.3	<0.1
1144703	Drill Core	4.02	0.28	<0.01	0.34	0.6	162.6	4.0	64	0.1	24.3	26.5	1119	5.12	43.5	5.7	0.4	43	<0.1	0.3	<0.1
1144704	Drill Core	4.77	0.45	<0.01	0.39	2.1	151.5	3.1	51	0.1	15.6	19.5	934	4.29	86.1	6.5	0.5	36	<0.1	0.5	<0.1
1144705	Drill Core	2.76	0.97	<0.01	0.37	7.6	114.9	2.1	45	0.2	25.8	20.7	1210	4.95	61.6	4.3	0.4	51	<0.1	0.4	<0.1
1144706	Drill Core	2.67	0.88	<0.01	0.37	6.9	127.4	1.8	50	0.1	25.8	20.6	1295	5.33	56.3	4.6	0.5	51	<0.1	0.5	<0.1
1144707	Drill Core	2.57	0.14	<0.01	0.17	0.3	16.7	1.9	57	<0.1	10.4	22.3	1226	4.48	44.4	3.2	0.2	134	<0.1	1.1	<0.1
1144708	Drill Core	2.89	0.50	<0.01	0.21	0.7	187.0	2.1	66	0.3	11.4	23.6	1286	4.51	42.9	9.3	0.2	114	<0.1	0.7	<0.1
1144709	Drill Core	2.17	0.54	<0.01	0.16	0.6	245.2	2.2	65	0.2	10.0	22.9	1100	3.97	14.4	5.1	0.2	121	0.2	0.6	<0.1
1144710	Drill Core	2.37	0.57	<0.01	0.13	0.6	98.2	2.2	55	0.2	9.2	18.5	1080	3.97	18.1	5.3	0.2	97	0.1	0.4	<0.1

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
1144681	Drill Core	103	3.01	0.080	3	7	1.40	21	0.117	95	1.85	0.046	0.12	0.2	<0.01	6.5	<0.1	<0.05	8	<0.5	<0.2
1144682	Drill Core	95	2.67	0.079	3	10	1.49	17	0.147	45	1.89	0.106	0.04	0.2	<0.01	6.0	<0.1	<0.05	9	<0.5	<0.2
1144683	Drill Core	115	3.03	0.086	2	7	1.45	13	0.163	147	1.86	0.095	0.02	0.2	<0.01	6.5	<0.1	0.06	9	<0.5	<0.2
1144684	Drill Core	157	3.35	0.097	2	8	1.67	55	0.183	162	2.18	0.065	0.09	0.1	<0.01	7.7	<0.1	0.13	11	1.6	<0.2
1144685	Drill Core	145	3.91	0.168	10	24	1.90	211	0.143	61	2.60	0.030	0.17	1.7	<0.01	8.4	<0.1	0.09	12	1.2	<0.2
1144686	Drill Core	129	4.16	0.225	19	18	1.80	185	0.190	<20	2.11	0.043	0.18	<0.1	<0.01	8.5	<0.1	0.05	11	<0.5	<0.2
1144687	Drill Core	140	3.18	0.212	15	19	2.23	168	0.247	<20	2.35	0.057	0.12	<0.1	<0.01	8.4	<0.1	<0.05	12	0.7	<0.2
1144688	Drill Core	141	3.12	0.191	14	19	2.14	123	0.261	<20	2.25	0.057	0.13	<0.1	<0.01	9.3	<0.1	<0.05	12	<0.5	<0.2
1144689	Drill Core	136	3.18	0.193	14	19	2.10	105	0.247	<20	2.34	0.053	0.12	<0.1	<0.01	8.8	<0.1	<0.05	12	0.9	<0.2
1144690	Drill Core	148	2.81	0.221	14	19	2.09	46	0.261	<20	2.35	0.080	0.14	<0.1	<0.01	9.4	<0.1	0.05	10	1.3	<0.2
1144691	Drill Core	149	3.13	0.216	18	21	2.03	52	0.233	<20	2.32	0.086	0.14	<0.1	<0.01	9.2	<0.1	<0.05	11	<0.5	<0.2
1144692	Rock Pulp	26	0.86	0.057	12	11	0.43	37	0.024	<20	0.79	0.065	0.15	0.5	<0.01	1.8	<0.1	0.20	4	<0.5	<0.2
1144693	Drill Core	168	8.58	0.100	4	15	0.67	29	0.193	<20	1.57	0.096	0.09	0.4	<0.01	8.6	<0.1	0.11	8	0.7	<0.2
1144694	Drill Core	154	5.42	0.122	5	10	0.64	33	0.228	<20	1.91	0.113	0.08	0.5	<0.01	9.8	<0.1	0.33	12	1.4	<0.2
1144695	Drill Core	132	5.57	0.103	4	11	0.71	73	0.175	<20	1.95	0.110	0.17	0.4	0.01	8.1	<0.1	0.32	10	1.3	<0.2
1144696 Dup of 1144695	CORE DUP	129	5.12	0.117	4	11	0.73	70	0.172	<20	1.94	0.107	0.15	0.3	<0.01	8.4	<0.1	0.32	10	1.2	<0.2
1144697	Drill Core	200	3.61	0.109	9	41	2.72	42	0.291	<20	2.56	0.082	0.04	0.1	<0.01	15.5	<0.1	0.15	12	<0.5	<0.2
1144698	Drill Core	172	3.92	0.132	10	47	2.82	28	0.290	<20	2.78	0.085	0.07	<0.1	<0.01	11.7	<0.1	<0.05	11	<0.5	<0.2
1144699	Rock	12	0.24	0.026	13	4	0.22	55	0.060	<20	0.48	0.064	0.26	<0.1	<0.01	1.9	0.2	<0.05	4	0.9	<0.2
1144700	Drill Core	160	3.82	0.079	6	76	3.36	21	0.253	<20	3.28	0.112	0.06	<0.1	0.02	11.0	<0.1	0.05	10	<0.5	<0.2
1144701	Drill Core	188	4.27	0.111	8	53	3.04	23	0.309	<20	3.12	0.076	0.06	<0.1	0.02	16.1	<0.1	0.13	11	0.7	<0.2
1144702	Drill Core	208	6.73	0.082	3	71	2.56	21	0.255	<20	3.46	0.156	0.06	0.5	<0.01	15.2	<0.1	0.25	10	<0.5	<0.2
1144703	Drill Core	176	4.44	0.113	5	32	2.05	47	0.213	<20	2.52	0.104	0.03	0.2	<0.01	13.6	<0.1	0.33	11	<0.5	<0.2
1144704	Drill Core	160	5.89	0.123	4	10	0.82	22	0.212	<20	1.69	0.126	0.03	0.5	<0.01	10.2	0.2	0.39	9	1.4	<0.2
1144705	Drill Core	154	7.91	0.093	3	16	0.99	26	0.197	<20	2.20	0.049	0.17	0.4	<0.01	8.3	0.2	0.36	8	1.1	<0.2
1144706	Drill Core	159	7.92	0.092	3	15	1.08	46	0.193	<20	2.37	0.047	0.18	0.5	<0.01	9.2	0.2	0.35	9	1.3	<0.2
1144707	Drill Core	187	4.47	0.094	1	13	1.12	8	0.348	<20	1.99	0.083	0.02	0.6	<0.01	10.0	<0.1	0.17	7	<0.5	<0.2
1144708	Drill Core	186	3.36	0.096	1	12	1.33	13	0.336	<20	1.99	0.093	0.05	0.6	<0.01	9.0	<0.1	0.21	7	0.9	<0.2
1144709	Drill Core	155	3.20	0.085	<1	13	1.31	18	0.329	<20	2.01	0.078	0.06	0.4	<0.01	7.2	<0.1	0.16	7	1.0	<0.2
1144710	Drill Core	148	3.59	0.082	1	13	1.22	28	0.314	<20	1.81	0.077	0.05	0.3	<0.01	8.3	<0.1	0.14	7	<0.5	<0.2

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Project: 204920

Report Date: November 18, 2013

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Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144681	Drill Core	0.87	0.02	<0.005
1144682	Drill Core	0.75	0.04	<0.005
1144683	Drill Core	0.85	0.05	<0.005
1144684	Drill Core	0.97	0.14	<0.005
1144685	Drill Core	1.35	0.07	0.007
1144686	Drill Core	1.26	0.05	<0.005
1144687	Drill Core	0.86	0.03	<0.005
1144688	Drill Core	0.87	0.03	<0.005
1144689	Drill Core	0.91	<0.02	<0.005
1144690	Drill Core	0.62	0.03	<0.005
1144691	Drill Core	0.80	0.03	<0.005
1144692	Rock Pulp	0.24	0.20	<0.005
1144693	Drill Core	2.50	0.10	0.005
1144694	Drill Core	1.69	0.33	0.013
1144695	Drill Core	1.74	0.33	0.014
1144696 Dup of 1144695	CORE DUP	1.67	0.30	0.011
1144697	Drill Core	1.03	0.16	<0.005
1144698	Drill Core	0.94	<0.02	<0.005
1144699	Rock	0.04	<0.02	<0.005
1144700	Drill Core	0.95	0.05	<0.005
1144701	Drill Core	1.21	0.12	<0.005
1144702	Drill Core	1.98	0.25	0.015
1144703	Drill Core	1.34	0.32	0.008
1144704	Drill Core	1.84	0.38	0.008
1144705	Drill Core	2.55	0.36	0.007
1144706	Drill Core	2.47	0.33	<0.005
1144707	Drill Core	1.18	0.18	<0.005
1144708	Drill Core	0.79	0.19	0.005
1144709	Drill Core	0.76	0.16	0.011
1144710	Drill Core	0.94	0.13	0.005

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144711 Dup of 1144710	CORE DUP	<0.001	0.011	<0.02	<0.01	<2	0.001	0.002	0.21	8.18	<0.02	0.06	<0.001	<0.01	<0.01	8.60	0.10	<0.001	1.78	8.04	
1144712	Drill Core	7.01	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.80	<0.02	0.06	<0.001	<0.01	<0.01	5.30	0.10	<0.001	1.53	8.83
1144713	Drill Core	9.76	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.001	0.12	5.14	<0.02	0.06	<0.001	<0.01	<0.01	5.40	0.12	<0.001	1.61	8.88
1144714	Drill Core	7.08	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.67	<0.02	0.08	<0.001	<0.01	<0.01	6.89	0.10	<0.001	1.48	9.21
1144715	Rock	5.31	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.64	<0.02	0.05	<0.001	<0.01	<0.01	1.65	0.03	<0.001	0.26	7.14
1144716	Drill Core	6.60	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.39	<0.02	0.08	<0.001	<0.01	<0.01	5.72	0.11	<0.001	1.68	9.42
1144717	Drill Core	7.31	<0.001	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.56	<0.02	0.07	<0.001	<0.01	<0.01	5.75	0.11	<0.001	1.66	9.27
1144718	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.20	<0.02	0.05	<0.001	<0.01	<0.01	1.90	0.06	<0.001	0.54	7.60
1144719	Drill Core	6.76	<0.001	0.004	<0.02	<0.01	<2	0.002	0.002	0.14	6.21	<0.02	0.06	<0.001	<0.01	<0.01	5.51	0.14	<0.001	2.59	8.87
1144720	Drill Core	7.04	<0.001	0.006	<0.02	<0.01	2	0.003	0.002	0.13	6.37	<0.02	0.05	<0.001	<0.01	<0.01	5.18	0.16	0.001	3.02	8.61
1144721	Drill Core	7.83	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.26	<0.02	0.05	<0.001	<0.01	<0.01	5.34	0.16	0.004	2.94	8.46
1144722	Drill Core	7.32	<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.12	6.42	<0.02	0.05	<0.001	<0.01	<0.01	5.38	0.16	0.003	3.35	8.74
1144723	Drill Core	3.73	<0.001	0.005	<0.02	<0.01	<2	0.011	0.004	0.14	7.52	<0.02	0.02	<0.001	<0.01	<0.01	7.45	0.06	0.019	4.72	7.93
1144724	Drill Core	3.67	<0.001	0.005	<0.02	<0.01	<2	0.010	0.004	0.14	7.05	<0.02	0.02	<0.001	<0.01	<0.01	7.79	0.06	0.017	4.46	7.71
1144725	Drill Core	7.79	<0.001	0.005	<0.02	<0.01	<2	0.007	0.003	0.13	7.04	<0.02	0.03	<0.001	<0.01	<0.01	6.09	0.12	0.013	4.06	8.34
1144726	Drill Core	6.85	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.14	<0.02	0.04	<0.001	<0.01	<0.01	5.51	0.15	0.003	3.14	8.37
1144727	Drill Core	7.83	<0.001	0.015	<0.02	<0.01	2	<0.001	0.001	0.11	5.81	<0.02	0.06	<0.001	<0.01	<0.01	6.14	0.13	0.001	1.58	8.87
1144728	Drill Core	7.62	<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.12	6.22	<0.02	0.06	<0.001	<0.01	<0.01	6.71	0.15	0.004	2.55	8.95
1144729 Dup of 1144728	CORE DUP	<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.13	6.26	<0.02	0.06	<0.001	<0.01	<0.01	6.69	0.14	0.002	2.54	8.74	
1144730	Drill Core	7.45	<0.001	0.010	<0.02	<0.01	3	<0.001	0.001	0.15	6.02	<0.02	0.05	<0.001	<0.01	<0.01	5.41	0.14	<0.001	1.70	8.78
1144731	Rock	4.31	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.79	<0.02	0.06	<0.001	<0.01	<0.01	1.83	0.04	<0.001	0.30	7.56
1144732	Drill Core	6.84	<0.001	0.014	<0.02	<0.01	<2	<0.001	0.001	0.15	5.48	<0.02	0.05	<0.001	<0.01	<0.01	7.88	0.13	0.002	1.57	8.49
1144733	Drill Core	8.45	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.14	6.61	<0.02	0.05	<0.001	<0.01	<0.01	5.53	0.17	0.002	2.94	8.80
1144734	Drill Core	7.92	<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.13	6.62	<0.02	0.04	<0.001	<0.01	<0.01	5.53	0.17	0.003	3.03	8.75
1144735	Drill Core	8.18	<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.13	6.59	<0.02	0.05	<0.001	<0.01	<0.01	5.87	0.16	0.003	3.20	9.15
1144736	Rock Pulp	0.15	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.54	<0.02	0.06	<0.001	<0.01	<0.01	2.21	0.07	0.001	0.71	7.73
1144737	Drill Core	9.01	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.21	<0.02	0.06	<0.001	<0.01	<0.01	6.50	0.15	0.003	2.94	8.86
1144738	Drill Core	8.08	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.13	6.55	<0.02	0.05	<0.001	<0.01	<0.01	5.60	0.17	0.002	3.19	9.26
1144739	Drill Core	8.05	<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.12	6.32	<0.02	0.04	<0.001	<0.01	<0.01	5.05	0.16	0.003	2.92	8.90
1144740	Drill Core	6.16	<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.12	6.27	<0.02	0.04	<0.001	<0.01	<0.01	4.88	0.16	0.003	3.01	8.83

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144711 Dup of 1144710	CORE DUP	2.38	0.58	<0.01	0.13	0.5	102.9	2.4	54	0.2	8.9	18.0	1087	4.02	18.0	4.9	0.2	96	<0.1	0.6	<0.1
1144712	Drill Core	3.58	0.98	<0.01	0.06	<0.1	98.3	0.8	47	<0.1	6.3	14.6	846	3.34	9.1	0.9	0.2	95	<0.1	0.4	<0.1
1144713	Drill Core	3.64	0.81	<0.01	<0.05	0.2	107.6	0.6	52	<0.1	5.1	16.0	868	3.65	6.5	6.2	0.2	79	<0.1	0.3	<0.1
1144714	Drill Core	3.00	0.43	<0.01	0.05	0.2	20.5	1.1	41	<0.1	6.7	12.7	727	3.23	13.2	4.7	0.2	149	<0.1	0.5	<0.1
1144715	Rock	2.84	1.22	<0.01	<0.05	<0.1	10.7	1.9	50	<0.1	1.4	2.9	343	1.57	0.7	<0.5	7.3	30	<0.1	<0.1	0.3
1144716	Drill Core	3.75	0.45	<0.01	0.11	<0.1	77.0	1.4	44	<0.1	9.0	16.6	832	3.57	15.1	4.3	0.2	119	<0.1	0.4	<0.1
1144717	Drill Core	3.78	0.37	<0.01	0.15	0.6	199.4	1.6	51	0.1	6.8	13.3	766	3.29	11.8	10.2	0.2	115	<0.1	0.7	<0.1
1144718	Rock Pulp	2.91	1.11	<0.01	0.21	11.0	174.6	12.4	42	0.2	8.0	5.6	221	1.89	2.3	2.5	3.2	50	<0.1	<0.1	0.1
1144719	Drill Core	3.60	1.00	<0.01	0.05	0.4	38.4	1.1	61	<0.1	20.9	23.1	966	4.74	7.7	<0.5	0.6	65	<0.1	0.3	<0.1
1144720	Drill Core	2.84	1.17	<0.01	<0.05	0.6	55.5	1.3	62	<0.1	27.1	26.6	923	5.13	8.8	<0.5	0.6	44	<0.1	0.2	<0.1
1144721	Drill Core	2.68	1.19	<0.01	<0.05	0.7	50.2	1.3	62	<0.1	30.0	27.4	931	5.25	7.1	<0.5	0.6	58	<0.1	0.2	<0.1
1144722	Drill Core	2.98	1.12	<0.01	<0.05	0.6	52.4	1.3	64	<0.1	32.4	28.6	959	5.20	5.9	1.8	0.5	79	<0.1	0.2	<0.1
1144723	Drill Core	1.13	0.99	<0.01	0.07	0.4	47.8	1.8	60	<0.1	94.3	40.9	1134	6.10	7.1	1.4	0.2	111	<0.1	0.1	<0.1
1144724	Drill Core	1.07	1.05	<0.01	0.07	0.4	47.8	1.8	61	<0.1	92.9	40.0	1201	5.96	7.4	<0.5	0.2	113	<0.1	0.1	<0.1
1144725	Drill Core	2.22	0.93	<0.01	0.08	0.4	47.5	1.3	57	<0.1	58.1	33.7	1027	5.65	6.2	0.5	0.3	79	<0.1	0.2	<0.1
1144726	Drill Core	3.26	1.15	<0.01	0.05	0.6	47.6	1.0	57	<0.1	31.7	28.4	1079	5.46	5.5	<0.5	0.5	45	<0.1	0.1	<0.1
1144727	Drill Core	4.14	0.21	<0.01	0.21	2.2	134.4	1.8	35	<0.1	7.1	20.9	800	4.13	11.8	3.3	0.3	70	<0.1	0.3	<0.1
1144728	Drill Core	3.04	0.86	<0.01	<0.05	0.7	47.0	1.2	59	<0.1	24.5	25.7	927	4.39	7.2	1.7	0.3	117	<0.1	0.5	<0.1
1144729 Dup of 1144728	CORE DUP	3.00	0.71	<0.01	<0.05	0.7	49.3	1.3	56	<0.1	23.9	25.4	931	4.37	6.9	3.0	0.3	121	<0.1	0.4	<0.1
1144730	Drill Core	3.87	0.49	<0.01	0.05	1.9	92.3	0.9	62	<0.1	7.8	18.3	1061	4.20	7.2	4.8	0.2	66	<0.1	0.3	<0.1
1144731	Rock	2.92	1.42	<0.01	<0.05	0.4	10.1	1.7	53	<0.1	1.4	2.6	345	1.59	0.7	<0.5	7.1	26	<0.1	<0.1	<0.1
1144732	Drill Core	3.95	0.33	<0.01	0.12	1.1	123.7	1.6	52	0.1	6.6	19.1	1057	3.72	11.9	6.0	0.3	102	<0.1	0.5	<0.1
1144733	Drill Core	3.11	1.14	<0.01	<0.05	0.7	50.4	1.1	70	<0.1	27.6	27.9	1060	5.28	8.2	<0.5	0.7	50	<0.1	0.2	<0.1
1144734	Drill Core	2.97	1.08	<0.01	<0.05	0.8	53.6	1.3	66	<0.1	27.2	27.3	984	5.16	6.7	<0.5	0.5	53	<0.1	0.3	<0.1
1144735	Drill Core	3.16	1.16	<0.01	<0.05	0.7	55.9	1.5	68	<0.1	30.6	28.9	997	4.89	6.4	0.6	0.4	75	<0.1	0.4	<0.1
1144736	Rock Pulp	3.16	1.13	<0.01	0.26	40.0	735.2	20.7	49	0.4	8.4	8.9	240	2.25	2.9	<0.5	2.8	48	0.3	<0.1	0.2
1144737	Drill Core	3.03	1.07	<0.01	<0.05	0.4	51.6	1.2	62	<0.1	31.7	28.2	927	4.54	5.3	<0.5	0.4	121	<0.1	0.4	<0.1
1144738	Drill Core	3.26	1.24	<0.01	<0.05	0.8	47.3	1.3	61	<0.1	28.1	27.2	1001	5.26	7.9	<0.5	0.5	65	<0.1	0.3	<0.1
1144739	Drill Core	3.79	1.10	<0.01	<0.05	0.6	40.1	0.9	54	<0.1	26.1	26.9	1085	5.54	5.5	<0.5	0.5	49	<0.1	0.2	<0.1
1144740	Drill Core	3.86	1.09	<0.01	<0.05	0.7	34.8	0.7	53	<0.1	28.9	27.6	1088	5.52	4.6	<0.5	0.6	38	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1144711 Dup of 1144710 CORE DUP	147	3.59	0.079	1	13	1.21	28	0.308	<20	1.81	0.078	0.05	0.4	<0.01	7.0	<0.1	0.13	7	0.9	<0.2
1144712 Drill Core	103	2.58	0.098	3	11	1.52	30	0.218	<20	1.87	0.094	0.07	0.1	<0.01	5.0	<0.1	0.06	8	<0.5	<0.2
1144713 Drill Core	111	2.59	0.107	3	11	1.61	66	0.208	<20	1.91	0.088	0.05	0.3	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1144714 Drill Core	78	2.24	0.098	3	9	1.49	12	0.220	<20	2.02	0.099	0.04	0.2	0.02	3.2	<0.1	0.05	7	<0.5	<0.2
1144715 Rock	15	0.24	0.031	15	3	0.27	90	0.076	<20	0.66	0.102	0.35	<0.1	0.02	2.1	0.3	<0.05	5	<0.5	<0.2
1144716 Drill Core	86	1.96	0.109	3	10	1.73	14	0.249	<20	2.10	0.126	0.04	0.3	<0.01	3.8	<0.1	0.11	8	<0.5	<0.2
1144717 Drill Core	77	1.87	0.103	3	9	1.56	13	0.228	<20	1.91	0.119	0.04	0.1	<0.01	3.6	<0.1	0.15	7	<0.5	<0.2
1144718 Rock Pulp	28	0.88	0.056	11	10	0.43	34	0.023	<20	0.81	0.069	0.15	0.3	<0.01	1.7	<0.1	0.21	5	<0.5	<0.2
1144719 Drill Core	125	2.91	0.111	8	26	2.33	37	0.278	<20	2.28	0.071	0.04	0.1	<0.01	7.4	<0.1	<0.05	10	<0.5	<0.2
1144720 Drill Core	147	2.84	0.131	11	24	2.33	35	0.314	<20	2.59	0.073	0.09	<0.1	<0.01	7.8	<0.1	<0.05	10	<0.5	<0.2
1144721 Drill Core	145	2.87	0.128	11	32	2.47	39	0.323	<20	2.75	0.087	0.09	<0.1	<0.01	8.1	<0.1	<0.05	10	<0.5	<0.2
1144722 Drill Core	145	3.03	0.124	10	32	2.99	33	0.310	<20	3.05	0.113	0.08	<0.1	<0.01	10.0	<0.1	<0.05	10	<0.5	<0.2
1144723 Drill Core	156	5.18	0.048	5	135	3.97	30	0.346	<20	5.18	0.343	0.10	<0.1	<0.01	15.0	<0.1	0.07	10	<0.5	<0.2
1144724 Drill Core	152	5.63	0.048	5	130	3.86	32	0.353	<20	5.01	0.312	0.12	<0.1	<0.01	15.1	<0.1	0.07	10	<0.5	<0.2
1144725 Drill Core	155	3.96	0.090	8	79	3.44	31	0.318	<20	4.13	0.270	0.07	<0.1	<0.01	13.0	<0.1	0.08	10	<0.5	<0.2
1144726 Drill Core	164	4.31	0.113	10	47	3.09	27	0.326	<20	2.86	0.076	0.07	0.1	<0.01	16.0	<0.1	0.06	11	<0.5	<0.2
1144727 Drill Core	111	3.31	0.101	2	8	1.52	26	0.225	<20	1.84	0.077	0.03	0.3	<0.01	5.8	<0.1	0.22	8	<0.5	<0.2
1144728 Drill Core	109	3.33	0.110	7	34	2.45	18	0.300	<20	2.68	0.047	0.03	0.2	<0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
1144729 Dup of 1144728 CORE DUP	110	3.51	0.112	7	33	2.42	20	0.297	<20	2.69	0.051	0.03	0.2	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
1144730 Drill Core	120	2.59	0.109	2	10	1.58	11	0.236	<20	2.09	0.076	0.04	0.3	<0.01	5.8	<0.1	0.06	9	<0.5	<0.2
1144731 Rock	16	0.24	0.030	15	7	0.29	92	0.076	<20	0.69	0.104	0.37	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1144732 Drill Core	110	4.79	0.106	2	9	1.40	23	0.260	<20	1.82	0.077	0.02	0.4	<0.01	5.9	<0.1	0.12	8	<0.5	<0.2
1144733 Drill Core	140	3.32	0.132	11	28	2.65	33	0.301	<20	2.88	0.060	0.07	0.1	<0.01	9.7	<0.1	<0.05	11	<0.5	<0.2
1144734 Drill Core	139	3.17	0.128	11	34	2.67	29	0.344	<20	2.84	0.055	0.07	0.1	<0.01	8.7	0.1	<0.05	10	<0.5	<0.2
1144735 Drill Core	125	3.03	0.127	10	41	2.85	33	0.359	<20	2.92	0.053	0.05	0.1	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
1144736 Rock Pulp	38	0.67	0.057	8	12	0.61	54	0.043	<20	0.98	0.080	0.15	0.8	<0.01	2.2	<0.1	0.25	5	<0.5	<0.2
1144737 Drill Core	106	3.36	0.117	9	45	2.81	24	0.291	<20	2.82	0.051	0.03	<0.1	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
1144738 Drill Core	148	3.38	0.129	11	34	2.69	63	0.299	<20	2.84	0.068	0.08	<0.1	<0.01	10.4	<0.1	<0.05	10	<0.5	<0.2
1144739 Drill Core	155	3.78	0.133	11	36	2.85	26	0.260	<20	2.90	0.064	0.06	<0.1	<0.01	12.3	<0.1	<0.05	11	<0.5	<0.2
1144740 Drill Core	155	3.74	0.130	11	36	2.92	31	0.304	<20	2.81	0.063	0.06	0.1	<0.01	12.7	<0.1	<0.05	11	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144711 Dup of 1144710	CORE DUP	0.88	0.12	0.007
1144712	Drill Core	0.62	0.05	0.005
1144713	Drill Core	0.65	0.03	<0.005
1144714	Drill Core	0.41	0.05	<0.005
1144715	Rock	0.03	<0.02	<0.005
1144716	Drill Core	0.32	0.10	0.006
1144717	Drill Core	0.30	0.14	0.009
1144718	Rock Pulp	0.23	0.20	<0.005
1144719	Drill Core	0.67	0.03	<0.005
1144720	Drill Core	0.54	0.04	<0.005
1144721	Drill Core	0.53	0.03	<0.005
1144722	Drill Core	0.61	0.04	<0.005
1144723	Drill Core	1.16	0.08	<0.005
1144724	Drill Core	1.36	0.08	<0.005
1144725	Drill Core	0.86	0.10	0.005
1144726	Drill Core	1.18	0.06	0.005
1144727	Drill Core	0.80	0.23	0.006
1144728	Drill Core	0.73	0.04	0.005
1144729 Dup of 1144728	CORE DUP	0.81	0.04	0.006
1144730	Drill Core	0.56	0.06	0.005
1144731	Rock	<0.02	<0.02	<0.005
1144732	Drill Core	1.23	0.13	0.006
1144733	Drill Core	0.67	0.03	<0.005
1144734	Drill Core	0.64	0.05	<0.005
1144735	Drill Core	0.60	0.05	<0.005
1144736	Rock Pulp	0.14	0.25	<0.005
1144737	Drill Core	0.74	0.03	<0.005
1144738	Drill Core	0.73	0.03	<0.005
1144739	Drill Core	0.98	<0.02	<0.005
1144740	Drill Core	1.09	0.02	<0.005



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Project: 204920
 Report Date: November 18, 2013

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SMI13000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144741	Drill Core	7.41	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.10	5.06	<0.02	0.05	<0.001	<0.01	<0.01	3.82	0.12	<0.001	1.69	8.88
1144742	Drill Core	4.32	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.10	5.07	<0.02	0.05	<0.001	<0.01	<0.01	4.54	0.12	<0.001	1.40	8.48
1144743	Drill Core	3.90	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.10	5.03	<0.02	0.05	<0.001	<0.01	<0.01	4.16	0.13	0.002	1.47	8.61
1144744	Drill Core	8.05	<0.001	0.006	<0.02	<0.01	<2	0.007	0.003	0.18	6.90	<0.02	0.03	<0.001	<0.01	<0.01	5.50	0.08	0.017	4.08	7.99
1144745	Drill Core	8.09	<0.001	0.006	<0.02	<0.01	<2	0.007	0.002	0.17	6.48	<0.02	0.02	<0.001	<0.01	<0.01	7.53	0.07	0.014	3.64	7.76
1144746	Drill Core	8.05	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.81	<0.02	0.05	<0.001	<0.01	<0.01	4.80	0.14	<0.001	1.76	8.40
1144747	Drill Core	7.57	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.61	<0.02	0.04	<0.001	<0.01	<0.01	5.39	0.13	0.003	1.80	8.84
1144748 Dup of 1144747	CORE DUP		<0.001	0.007	<0.02	<0.01	<2	0.001	<0.001	0.14	5.42	<0.02	0.04	<0.001	<0.01	<0.01	5.22	0.13	0.002	1.80	8.88
1144749	Drill Core	6.60	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.99	<0.02	0.03	<0.001	<0.01	<0.01	4.44	0.13	0.003	1.57	8.60
1144750	Rock	3.06	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.62	<0.02	0.05	<0.001	<0.01	<0.01	1.63	0.03	<0.001	0.25	7.07
1144751	Drill Core	7.55	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.36	<0.02	0.06	<0.001	<0.01	<0.01	4.87	0.13	0.003	1.65	9.29
1144752	Drill Core	7.16	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.16	5.63	<0.02	0.07	<0.001	<0.01	<0.01	5.49	0.14	0.003	1.69	9.25
1144753	Drill Core	8.78	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.17	5.84	<0.02	0.07	<0.001	<0.01	<0.01	5.35	0.14	0.002	1.90	9.42
1144754	Rock Pulp	0.30	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.28	<0.02	0.05	<0.001	<0.01	<0.01	1.76	0.06	0.002	0.52	6.60
1144755	Drill Core	7.44	<0.001	0.013	<0.02	<0.01	<2	<0.001	0.001	0.18	6.09	<0.02	0.07	<0.001	<0.01	<0.01	5.64	0.14	0.002	2.00	9.85
1144756	Drill Core	8.04	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.16	6.21	<0.02	0.07	<0.001	<0.01	<0.01	5.48	0.15	0.003	2.04	9.41
1144757	Drill Core	6.64	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.13	5.48	<0.02	0.06	<0.001	<0.01	<0.01	5.16	0.14	0.002	1.79	9.12
1144758	Drill Core	7.98	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.15	6.02	<0.02	0.06	<0.001	<0.01	<0.01	5.75	0.15	0.002	1.89	9.16
1144759	Drill Core	6.90	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.001	0.13	5.41	<0.02	0.05	<0.001	<0.01	<0.01	4.87	0.14	0.002	1.64	8.69
1144760	Drill Core	8.02	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.56	<0.02	0.04	<0.001	<0.01	<0.01	5.19	0.15	0.003	1.79	8.79
1144761	Drill Core	6.60	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.31	<0.02	0.04	<0.001	<0.01	<0.01	4.19	0.14	0.002	1.73	8.52
1144762	Drill Core	3.77	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.09	<0.02	0.05	<0.001	<0.01	<0.01	4.73	0.14	<0.001	1.65	8.81
1144763	Drill Core	4.30	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.11	<0.02	0.05	<0.001	<0.01	<0.01	4.85	0.13	0.002	1.60	8.98
1144764	Drill Core	7.32	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.82	<0.02	0.04	<0.001	<0.01	<0.01	4.59	0.13	0.003	1.49	8.12
1144765	Drill Core	7.19	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.21	<0.02	0.05	<0.001	<0.01	<0.01	5.03	0.14	0.001	1.60	8.70
1144766	Drill Core	7.72	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.83	<0.02	0.06	<0.001	<0.01	<0.01	4.80	0.10	0.002	1.39	8.22
1144767	Rock	3.93	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.53	<0.02	0.05	<0.001	<0.01	<0.01	1.40	0.03	0.002	0.23	5.37
1144768	Drill Core	8.14	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.64	<0.02	0.05	<0.001	<0.01	<0.01	4.84	0.10	0.001	1.27	7.50
1144769	Drill Core	7.11	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.75	<0.02	0.05	<0.001	<0.01	<0.01	4.86	0.09	0.002	1.30	7.70
1144770	Drill Core	8.32	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.96	<0.02	0.05	<0.001	<0.01	<0.01	4.50	0.10	0.001	1.48	8.00

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.

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144741	Drill Core	4.63	0.55	<0.01	0.07	0.9	68.6	0.9	34	<0.1	6.8	13.8	795	3.91	6.7	<0.5	0.2	66	<0.1	0.3	<0.1
1144742	Drill Core	4.03	0.85	<0.01	<0.05	0.4	73.9	0.9	48	<0.1	4.8	12.9	834	3.75	2.9	2.3	0.3	77	<0.1	0.4	<0.1
1144743	Drill Core	4.22	0.81	<0.01	<0.05	0.6	83.0	0.8	50	<0.1	5.2	13.9	861	3.91	3.0	<0.5	0.3	64	<0.1	0.3	<0.1
1144744	Drill Core	2.18	1.00	<0.01	<0.05	0.3	53.0	1.5	55	<0.1	70.0	34.8	1603	6.11	4.9	<0.5	0.2	41	<0.1	0.2	<0.1
1144745	Drill Core	2.01	0.91	<0.01	0.07	0.4	56.6	1.8	50	<0.1	65.5	32.2	1586	5.70	5.8	0.6	0.2	55	<0.1	0.2	<0.1
1144746	Drill Core	3.05	1.08	<0.01	<0.05	0.3	59.5	1.0	56	<0.1	7.4	16.7	1042	4.45	3.0	0.7	0.4	53	<0.1	0.2	<0.1
1144747	Drill Core	3.52	1.14	<0.01	0.06	0.9	61.1	1.1	56	<0.1	9.7	15.2	1160	4.31	7.0	2.1	0.3	62	<0.1	0.3	<0.1
1144748 Dup of 1144747	CORE DUP	3.51	0.91	<0.01	0.06	0.9	64.0	1.1	53	<0.1	10.0	14.8	1160	4.29	6.5	2.4	0.3	61	<0.1	0.4	<0.1
1144749	Drill Core	3.75	1.08	<0.01	0.05	0.5	102.0	0.8	55	<0.1	6.3	14.1	1069	3.96	13.0	3.2	0.4	48	<0.1	0.3	<0.1
1144750	Rock	2.78	1.15	<0.01	<0.05	0.3	10.0	1.7	52	<0.1	1.5	2.5	340	1.58	0.7	<0.5	7.3	21	<0.1	<0.1	<0.1
1144751	Drill Core	3.73	0.51	<0.01	<0.05	0.3	33.1	0.9	53	<0.1	5.2	15.0	932	3.60	8.9	2.9	0.2	63	<0.1	0.4	<0.1
1144752	Drill Core	3.44	0.37	<0.01	<0.05	0.2	61.2	1.1	54	<0.1	5.7	16.0	1040	3.60	6.6	3.1	0.3	116	<0.1	0.5	<0.1
1144753	Drill Core	3.22	0.45	<0.01	<0.05	0.4	52.7	1.0	59	<0.1	5.6	17.8	1118	3.74	4.1	1.2	0.2	102	<0.1	0.5	<0.1
1144754	Rock Pulp	2.96	1.43	<0.01	0.19	12.0	179.2	12.2	46	0.1	7.8	8.7	226	1.95	2.4	1.3	3.2	43	0.1	0.1	0.2
1144755	Drill Core	3.24	0.61	<0.01	<0.05	0.4	130.8	1.2	64	<0.1	6.1	19.2	1122	3.69	4.2	3.5	0.3	94	<0.1	0.6	<0.1
1144756	Drill Core	2.95	0.60	<0.01	<0.05	0.2	35.4	1.3	62	<0.1	6.3	21.0	1031	3.82	6.6	1.5	0.3	96	<0.1	0.5	<0.1
1144757	Drill Core	3.49	0.65	<0.01	<0.05	0.9	129.2	1.0	61	<0.1	7.1	23.0	949	3.77	4.8	2.0	0.3	85	<0.1	0.4	<0.1
1144758	Drill Core	2.81	0.65	<0.01	<0.05	0.3	6.5	1.0	64	<0.1	7.9	24.4	950	3.98	5.0	1.1	0.4	92	<0.1	0.5	<0.1
1144759	Drill Core	3.54	1.02	<0.01	<0.05	0.2	50.5	1.0	58	<0.1	4.0	16.8	908	3.69	3.2	2.8	0.3	72	<0.1	0.4	<0.1
1144760	Drill Core	3.14	1.19	<0.01	<0.05	0.2	19.3	1.0	56	<0.1	5.8	17.1	922	3.86	3.2	0.5	0.4	73	<0.1	0.3	<0.1
1144761	Drill Core	3.35	1.34	<0.01	<0.05	0.3	44.8	1.0	59	<0.1	3.4	13.2	914	3.82	3.2	1.3	0.4	63	<0.1	0.3	<0.1
1144762	Drill Core	3.82	0.97	<0.01	<0.05	0.3	49.3	1.1	56	<0.1	3.5	15.3	856	3.61	2.6	2.2	0.3	73	<0.1	0.4	<0.1
1144763	Drill Core	3.68	0.96	<0.01	<0.05	0.3	68.1	1.0	50	<0.1	3.0	14.2	785	3.29	2.4	1.6	0.3	67	<0.1	0.4	<0.1
1144764	Drill Core	4.00	1.09	<0.01	<0.05	0.3	108.1	1.3	48	<0.1	2.8	14.2	824	3.45	5.2	1.1	0.3	68	<0.1	0.3	<0.1
1144765	Drill Core	3.49	0.89	<0.01	<0.05	0.3	61.4	1.3	54	<0.1	4.1	15.3	815	3.45	3.0	2.1	0.3	82	<0.1	0.4	<0.1
1144766	Drill Core	3.85	0.44	<0.01	<0.05	0.2	96.3	1.0	54	<0.1	8.3	12.3	817	2.92	2.1	1.7	0.2	92	<0.1	0.3	<0.1
1144767	Rock	2.93	1.48	<0.01	<0.05	0.1	9.9	2.3	52	<0.1	1.4	2.3	316	1.46	0.6	<0.5	8.0	22	<0.1	<0.1	<0.1
1144768	Drill Core	3.49	0.55	<0.01	<0.05	0.3	66.4	1.1	47	<0.1	7.1	11.1	763	2.75	2.2	1.0	0.3	86	<0.1	0.3	<0.1
1144769	Drill Core	3.13	0.59	<0.01	0.08	0.3	90.1	1.1	49	<0.1	7.5	13.3	800	2.98	2.1	1.9	0.2	78	<0.1	0.2	<0.1
1144770	Drill Core	3.87	0.58	<0.01	0.09	0.3	87.9	1.0	53	<0.1	8.0	13.9	817	3.07	3.4	1.8	0.2	64	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1144741 Drill Core	86	2.07	0.099	3	11	1.61	18	0.181	<20	2.08	0.082	0.08	0.2	<0.01	4.7	<0.1	0.07	10	<0.5	<0.2
1144742 Drill Core	79	2.70	0.103	4	7	1.34	43	0.169	<20	1.97	0.074	0.13	0.1	<0.01	4.2	<0.1	<0.05	9	<0.5	<0.2
1144743 Drill Core	81	2.59	0.105	4	8	1.41	38	0.160	<20	1.98	0.077	0.12	0.2	<0.01	4.5	<0.1	<0.05	9	<0.5	<0.2
1144744 Drill Core	159	4.48	0.060	4	137	3.92	37	0.297	<20	3.89	0.063	0.08	0.1	<0.01	18.2	<0.1	0.05	11	<0.5	<0.2
1144745 Drill Core	146	6.16	0.057	5	104	3.49	28	0.185	<20	3.87	0.128	0.10	<0.1	<0.01	16.0	<0.1	0.07	10	<0.5	<0.2
1144746 Drill Core	93	3.28	0.114	4	6	1.65	28	0.143	<20	2.37	0.048	0.19	0.1	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1144747 Drill Core	89	3.53	0.105	4	15	1.70	31	0.172	<20	2.40	0.052	0.14	0.2	<0.01	5.0	<0.1	0.06	10	<0.5	<0.2
1144748 Dup of 1144747 CORE DUP	90	3.53	0.100	4	15	1.69	32	0.168	<20	2.42	0.053	0.15	0.2	<0.01	5.1	<0.1	0.07	9	<0.5	<0.2
1144749 Drill Core	75	3.21	0.106	4	9	1.46	19	0.151	<20	2.13	0.053	0.15	0.2	<0.01	5.1	<0.1	0.06	9	<0.5	<0.2
1144750 Rock	14	0.21	0.028	14	7	0.26	75	0.067	<20	0.60	0.084	0.32	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1144751 Drill Core	71	1.66	0.108	3	8	1.58	67	0.162	<20	2.03	0.048	0.04	0.2	<0.01	3.5	<0.1	0.05	8	<0.5	<0.2
1144752 Drill Core	80	1.76	0.116	3	7	1.67	18	0.185	<20	2.25	0.068	0.04	0.2	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1144753 Drill Core	80	1.54	0.112	3	7	1.84	36	0.181	<20	2.33	0.058	0.04	0.2	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1144754 Rock Pulp	27	0.87	0.060	11	11	0.44	36	0.021	<20	0.79	0.058	0.14	0.4	<0.01	1.6	<0.1	0.18	4	<0.5	<0.2
1144755 Drill Core	79	1.54	0.122	3	8	1.93	57	0.217	<20	2.42	0.064	0.05	0.2	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1144756 Drill Core	80	1.42	0.126	3	7	1.99	40	0.187	<20	2.48	0.053	0.06	0.2	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1144757 Drill Core	81	2.13	0.125	4	6	1.80	144	0.177	<20	2.30	0.059	0.08	0.2	<0.01	4.2	<0.1	<0.05	9	<0.5	<0.2
1144758 Drill Core	74	2.09	0.141	4	6	1.91	63	0.159	<20	2.48	0.050	0.09	0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1144759 Drill Core	58	2.31	0.135	5	4	1.59	38	0.166	<20	2.11	0.052	0.13	0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1144760 Drill Core	61	2.93	0.136	4	5	1.70	104	0.139	<20	2.26	0.049	0.17	0.1	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1144761 Drill Core	52	2.24	0.134	5	4	1.66	73	0.144	<20	2.26	0.050	0.20	0.1	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1144762 Drill Core	57	2.20	0.122	4	4	1.62	119	0.174	<20	2.10	0.063	0.13	0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1144763 Drill Core	57	1.88	0.121	4	4	1.49	91	0.162	<20	1.97	0.055	0.12	0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1144764 Drill Core	56	2.38	0.123	4	3	1.49	82	0.183	<20	2.02	0.065	0.13	0.2	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1144765 Drill Core	54	1.87	0.137	4	4	1.57	50	0.178	<20	2.08	0.056	0.11	0.1	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1144766 Drill Core	55	1.39	0.094	3	7	1.42	13	0.161	<20	1.83	0.058	0.07	0.1	0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
1144767 Rock	13	0.26	0.031	13	3	0.26	63	0.070	<20	0.55	0.064	0.24	<0.1	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1144768 Drill Core	54	1.61	0.091	3	6	1.26	37	0.149	<20	1.71	0.055	0.08	0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1144769 Drill Core	56	1.62	0.091	3	8	1.34	52	0.160	<20	1.77	0.049	0.10	<0.1	<0.01	2.0	<0.1	0.07	6	<0.5	<0.2
1144770 Drill Core	61	1.53	0.091	3	8	1.45	94	0.170	<20	1.79	0.056	0.08	0.1	<0.01	2.4	<0.1	0.07	6	<0.5	<0.2

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Project: 204920

Report Date: November 18, 2013

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SMI13000353.1

Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144741	Drill Core	0.45	0.07	<0.005
1144742	Drill Core	0.68	<0.02	0.005
1144743	Drill Core	0.66	<0.02	<0.005
1144744	Drill Core	1.38	0.05	<0.005
1144745	Drill Core	1.94	0.07	0.006
1144746	Drill Core	0.92	0.03	<0.005
1144747	Drill Core	0.99	0.06	<0.005
1144748 Dup of 1144747	CORE DUP	0.99	0.07	<0.005
1144749	Drill Core	0.90	0.06	<0.005
1144750	Rock	0.03	<0.02	<0.005
1144751	Drill Core	0.32	0.05	<0.005
1144752	Drill Core	0.28	0.04	<0.005
1144753	Drill Core	0.23	<0.02	<0.005
1144754	Rock Pulp	0.27	0.17	<0.005
1144755	Drill Core	0.21	<0.02	<0.005
1144756	Drill Core	0.22	0.03	<0.005
1144757	Drill Core	0.45	0.04	<0.005
1144758	Drill Core	0.44	<0.02	<0.005
1144759	Drill Core	0.54	<0.02	<0.005
1144760	Drill Core	0.78	<0.02	<0.005
1144761	Drill Core	0.57	<0.02	<0.005
1144762	Drill Core	0.50	<0.02	<0.005
1144763	Drill Core	0.45	<0.02	<0.005
1144764	Drill Core	0.59	0.05	<0.005
1144765	Drill Core	0.39	<0.02	0.007
1144766	Drill Core	0.22	<0.02	<0.005
1144767	Rock	<0.02	<0.02	<0.005
1144768	Drill Core	0.31	0.04	<0.005
1144769	Drill Core	0.29	0.07	<0.005
1144770	Drill Core	0.32	0.08	<0.005

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144771	Rock Pulp	0.12	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.22	<0.02	0.04	<0.001	<0.01	<0.01	1.51	0.06	0.001	0.50	4.83
1144772	Drill Core	8.58	<0.001	0.015	<0.02	<0.01	<2	0.001	<0.001	0.13	4.82	<0.02	0.05	<0.001	<0.01	<0.01	4.22	0.11	0.002	1.57	8.13
1144773	Drill Core	9.21	<0.001	0.007	<0.02	<0.01	<2	0.001	<0.001	0.15	5.38	<0.02	0.06	<0.001	<0.01	<0.01	5.18	0.11	0.002	1.61	8.64
1144774	Drill Core	6.46	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.88	<0.02	0.06	<0.001	<0.01	<0.01	5.08	0.10	0.002	1.46	8.28
1144775 Dup of 1144774	CORE DUP		<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.06	<0.02	0.06	<0.001	<0.01	<0.01	5.20	0.11	0.002	1.45	8.48
1144776	Drill Core	7.21	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.95	<0.02	0.06	<0.001	<0.01	<0.01	4.83	0.10	0.002	1.54	8.35
1144777	Drill Core	7.48	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.54	<0.02	0.04	<0.001	<0.01	<0.01	4.50	0.10	0.002	1.45	8.24
1144778	Drill Core	3.58	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.98	<0.02	0.05	<0.001	<0.01	<0.01	4.67	0.11	<0.001	1.50	7.96
1144779	Drill Core	3.67	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.87	<0.02	0.05	<0.001	<0.01	<0.01	4.89	0.10	0.001	1.48	8.38
1144780	Drill Core	8.15	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.15	<0.02	0.06	<0.001	<0.01	<0.01	4.49	0.11	<0.001	1.63	8.77
1144781	Drill Core	7.95	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.89	<0.02	0.06	<0.001	<0.01	<0.01	4.75	0.11	0.002	1.35	8.73
1144782	Drill Core	7.10	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.27	<0.02	0.06	<0.001	<0.01	<0.01	5.18	0.12	<0.001	1.54	8.75
1144783	Rock	4.08	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.61	<0.02	0.05	<0.001	<0.01	<0.01	1.48	0.03	<0.001	0.24	5.73
1144784	Drill Core	8.43	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.27	<0.02	0.06	<0.001	<0.01	<0.01	4.65	0.13	0.002	1.48	8.80
1144785	Drill Core	2.40	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.27	<0.02	0.07	<0.001	<0.01	<0.01	5.39	0.13	<0.001	1.44	8.86
1144786	Drill Core	2.11	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.13	5.07	<0.02	0.06	<0.001	<0.01	<0.01	4.62	0.13	<0.001	1.45	8.62
1144787	Drill Core	11.85	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.10	<0.02	0.06	<0.001	<0.01	<0.01	5.07	0.12	0.001	1.49	8.88
1144788	Drill Core	7.21	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.15	<0.02	0.06	<0.001	<0.01	<0.01	5.51	0.12	0.001	1.54	8.60
1144789	Drill Core	8.48	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.15	5.40	<0.02	0.06	<0.001	<0.01	<0.01	5.57	0.13	<0.001	1.64	9.11
1144790 Dup of 1144789	CORE DUP		<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.15	5.17	<0.02	0.06	<0.001	<0.01	<0.01	5.34	0.12	<0.001	1.54	9.08
1144791	Drill Core	8.43	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.14	4.81	<0.02	0.07	<0.001	<0.01	<0.01	5.06	0.12	<0.001	1.44	9.12
1144792	Drill Core	6.03	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.14	5.21	<0.02	0.07	<0.001	<0.01	<0.01	5.52	0.11	<0.001	1.45	9.33
1144793	Drill Core	8.79	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.13	4.74	<0.02	0.06	<0.001	<0.01	<0.01	5.81	0.12	<0.001	1.38	8.83
1144794	Drill Core	8.50	<0.001	0.008	<0.02	<0.01	<2	0.003	0.003	0.14	5.99	<0.02	0.03	<0.001	<0.01	<0.01	4.39	0.16	0.003	3.26	8.58
1144795	Drill Core	8.61	<0.001	0.008	<0.02	<0.01	<2	0.003	0.003	0.14	6.07	<0.02	0.04	<0.001	<0.01	<0.01	5.35	0.16	0.004	3.13	8.74
1144796	Drill Core	8.09	<0.001	0.002	<0.02	<0.01	<2	0.003	0.003	0.13	5.96	<0.02	0.05	<0.001	<0.01	<0.01	6.24	0.15	0.004	2.82	8.77
1144797	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.15	<0.02	0.05	<0.001	<0.01	<0.01	1.83	0.06	<0.001	0.52	7.37
1144798	Drill Core	8.25	<0.001	0.003	<0.02	<0.01	<2	0.003	0.003	0.13	6.17	<0.02	0.04	<0.001	<0.01	<0.01	5.48	0.16	0.003	3.06	8.95

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144771	Rock Pulp	2.70	1.27	<0.01	0.20	11.5	173.1	12.4	45	0.1	7.9	5.4	223	1.90	2.2	<0.5	3.2	47	0.1	0.1	0.1
1144772	Drill Core	3.99	0.64	<0.01	<0.05	0.3	147.5	0.8	56	<0.1	11.2	13.7	894	3.24	1.9	2.9	0.3	61	<0.1	0.3	<0.1
1144773	Drill Core	3.56	0.42	<0.01	0.08	0.2	70.9	1.2	54	<0.1	12.7	13.2	898	3.09	3.0	1.0	0.2	84	<0.1	0.2	<0.1
1144774	Drill Core	3.47	0.51	<0.01	0.10	0.3	84.4	1.1	45	<0.1	7.8	10.5	794	2.87	2.4	0.8	0.2	89	<0.1	0.3	<0.1
1144775 Dup of 1144774	CORE DUP	3.47	0.52	<0.01	0.10	0.2	87.0	1.1	47	<0.1	7.6	10.3	787	2.82	2.7	1.3	0.2	93	<0.1	0.3	<0.1
1144776	Drill Core	3.63	0.65	<0.01	0.25	0.3	81.5	1.1	47	<0.1	7.0	13.2	810	3.14	3.6	5.1	0.2	76	<0.1	0.3	<0.1
1144777	Drill Core	3.51	1.00	<0.01	0.27	0.4	90.2	1.5	45	<0.1	5.9	12.4	840	3.19	5.7	1.3	0.3	66	<0.1	0.3	<0.1
1144778	Drill Core	3.76	0.70	<0.01	0.31	0.4	42.4	1.3	49	<0.1	5.9	14.0	769	3.12	7.0	2.0	0.3	71	0.1	0.3	<0.1
1144779	Drill Core	3.76	0.73	<0.01	0.33	0.6	64.5	1.6	52	<0.1	6.5	15.8	854	3.33	9.4	2.7	0.3	69	0.2	0.3	<0.1
1144780	Drill Core	3.83	0.81	<0.01	0.34	1.5	49.7	1.9	57	0.1	5.6	14.6	853	3.37	17.3	4.0	0.3	68	0.2	0.3	<0.1
1144781	Drill Core	3.92	0.44	<0.01	0.28	2.3	106.2	2.0	52	0.1	4.2	11.6	743	2.95	19.3	4.1	0.2	75	0.1	0.4	<0.1
1144782	Drill Core	3.61	0.67	<0.01	0.17	0.9	30.9	1.5	57	<0.1	3.4	12.7	882	3.21	10.7	2.7	0.3	92	<0.1	0.4	<0.1
1144783	Rock	2.90	1.68	<0.01	<0.05	0.7	10.8	2.5	60	<0.1	1.6	2.7	372	1.61	<0.5	0.6	7.9	22	<0.1	<0.1	<0.1
1144784	Drill Core	3.94	0.56	<0.01	0.45	2.2	76.1	2.6	67	0.2	4.3	17.3	835	3.39	29.4	4.9	0.3	77	0.4	0.4	<0.1
1144785	Drill Core	3.65	0.61	<0.01	0.28	2.0	40.1	2.2	58	0.1	3.4	14.4	893	3.32	23.0	5.2	0.3	104	0.2	0.4	<0.1
1144786	Drill Core	4.00	0.51	<0.01	0.44	2.6	73.6	2.6	64	0.2	3.5	16.2	805	3.28	34.3	6.6	0.2	72	0.4	0.4	<0.1
1144787	Drill Core	3.67	0.43	<0.01	0.22	1.2	52.0	1.5	59	<0.1	3.9	13.2	833	3.14	14.6	4.8	0.2	88	0.1	0.5	<0.1
1144788	Drill Core	3.62	0.41	<0.01	<0.05	0.3	6.3	0.9	54	<0.1	3.5	10.0	858	3.13	6.5	0.7	0.2	104	<0.1	0.4	<0.1
1144789	Drill Core	3.76	0.32	<0.01	<0.05	0.3	7.6	1.0	54	<0.1	3.9	11.4	859	3.26	6.7	1.7	0.2	78	<0.1	0.4	<0.1
1144790 Dup of 1144789	CORE DUP	3.71	0.31	<0.01	0.06	0.2	7.2	0.9	52	<0.1	3.8	11.2	834	3.18	6.4	1.9	0.2	80	<0.1	0.3	<0.1
1144791	Drill Core	3.88	0.26	<0.01	0.09	0.4	49.4	0.9	49	<0.1	3.7	10.7	768	2.97	5.6	2.4	0.2	75	<0.1	0.3	<0.1
1144792	Drill Core	3.75	0.22	<0.01	<0.05	0.2	6.0	1.0	45	<0.1	3.5	10.7	758	3.03	4.5	<0.5	0.2	107	<0.1	0.5	<0.1
1144793	Drill Core	3.89	0.22	<0.01	<0.05	0.4	25.2	1.1	41	<0.1	5.7	11.1	723	2.85	4.4	2.2	0.2	104	<0.1	0.4	<0.1
1144794	Drill Core	3.38	1.04	<0.01	<0.05	0.5	70.8	1.6	75	<0.1	28.7	28.1	1314	5.23	3.9	0.8	0.5	63	<0.1	0.3	<0.1
1144795	Drill Core	3.28	0.84	<0.01	<0.05	0.6	66.6	1.8	70	<0.1	31.0	29.1	1216	5.00	3.4	<0.5	0.5	86	<0.1	0.4	<0.1
1144796	Drill Core	3.19	0.57	<0.01	<0.05	0.4	23.6	1.6	64	<0.1	31.6	28.9	1051	4.48	3.2	<0.5	0.5	92	<0.1	0.4	<0.1
1144797	Rock Pulp	2.97	0.99	<0.01	0.20	12.3	159.3	12.2	44	0.1	7.5	6.0	223	1.87	2.1	<0.5	3.2	41	0.1	0.1	0.1
1144798	Drill Core	3.23	0.77	<0.01	<0.05	0.5	29.6	1.8	71	<0.1	32.9	31.4	1191	5.01	3.9	0.6	0.5	80	<0.1	0.3	<0.1

CERTIFICATE OF ANALYSIS

SMI13000353.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144771	Rock Pulp	27	0.88	0.060	11	11	0.44	35	0.020	<20	0.77	0.067	0.15	0.4	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
1144772	Drill Core	58	1.61	0.107	3	13	1.58	29	0.144	<20	1.89	0.048	0.09	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1144773	Drill Core	60	1.35	0.101	3	11	1.58	35	0.187	<20	1.91	0.054	0.07	0.1	<0.01	2.4	<0.1	0.06	7	<0.5	<0.2
1144774	Drill Core	58	1.50	0.096	3	7	1.45	77	0.175	<20	1.81	0.052	0.08	<0.1	<0.01	2.2	<0.1	0.09	6	<0.5	<0.2
1144775 Dup of 1144774	CORE DUP	56	1.52	0.100	3	6	1.44	82	0.175	<20	1.82	0.057	0.08	0.1	<0.01	2.1	<0.1	0.09	6	<0.5	<0.2
1144776	Drill Core	64	1.66	0.098	3	6	1.50	157	0.190	<20	1.82	0.054	0.10	0.1	0.01	2.3	<0.1	0.23	6	<0.5	<0.2
1144777	Drill Core	60	2.32	0.094	4	5	1.40	75	0.175	<20	1.84	0.049	0.13	0.1	<0.01	3.0	<0.1	0.25	7	<0.5	<0.2
1144778	Drill Core	66	1.69	0.096	3	6	1.44	152	0.196	<20	1.86	0.063	0.09	0.1	0.02	2.7	<0.1	0.28	7	<0.5	<0.2
1144779	Drill Core	68	2.15	0.100	3	5	1.46	99	0.197	<20	1.86	0.061	0.11	0.1	<0.01	2.9	<0.1	0.33	7	<0.5	<0.2
1144780	Drill Core	68	1.39	0.103	3	7	1.65	84	0.179	<20	1.98	0.057	0.05	0.1	0.01	2.6	<0.1	0.32	8	<0.5	<0.2
1144781	Drill Core	61	1.21	0.106	3	6	1.36	54	0.184	<20	1.70	0.071	0.04	0.1	0.02	2.1	<0.1	0.26	6	<0.5	<0.2
1144782	Drill Core	68	1.58	0.115	3	4	1.57	64	0.165	<20	2.19	0.086	0.07	0.2	<0.01	3.3	<0.1	0.16	8	<0.5	<0.2
1144783	Rock	15	0.29	0.035	14	4	0.28	76	0.067	<20	0.66	0.090	0.29	<0.1	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1144784	Drill Core	72	1.32	0.124	3	9	1.49	25	0.161	<20	2.04	0.105	0.05	0.1	<0.01	3.1	<0.1	0.45	8	<0.5	<0.2
1144785	Drill Core	71	1.52	0.131	3	5	1.58	50	0.176	<20	2.19	0.088	0.05	0.1	0.01	3.1	<0.1	0.29	8	<0.5	<0.2
1144786	Drill Core	68	1.28	0.123	3	7	1.46	17	0.157	<20	1.93	0.104	0.05	0.1	<0.01	2.9	<0.1	0.42	7	<0.5	<0.2
1144787	Drill Core	70	1.40	0.111	3	6	1.54	71	0.159	<20	2.04	0.097	0.04	0.1	<0.01	2.9	<0.1	0.21	7	<0.5	<0.2
1144788	Drill Core	66	1.91	0.114	3	6	1.57	60	0.148	<20	2.21	0.099	0.06	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1144789	Drill Core	64	1.56	0.102	3	5	1.57	17	0.145	<20	2.02	0.054	0.04	0.2	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1144790 Dup of 1144789	CORE DUP	62	1.52	0.098	3	6	1.52	15	0.140	<20	1.97	0.054	0.04	0.2	<0.01	2.6	<0.1	0.05	7	<0.5	<0.2
1144791	Drill Core	60	1.35	0.093	3	5	1.43	88	0.148	<20	1.81	0.058	0.03	0.1	<0.01	2.0	<0.1	0.08	7	<0.5	<0.2
1144792	Drill Core	60	1.36	0.088	3	6	1.40	11	0.150	<20	1.92	0.056	0.03	0.2	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1144793	Drill Core	67	2.20	0.088	3	8	1.36	101	0.157	<20	1.81	0.062	0.02	0.2	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1144794	Drill Core	130	3.10	0.124	11	42	3.20	44	0.267	<20	3.22	0.032	0.03	0.1	<0.01	10.9	<0.1	<0.05	11	<0.5	<0.2
1144795	Drill Core	119	3.40	0.118	10	48	3.09	87	0.302	<20	3.21	0.032	0.04	0.1	<0.01	10.4	<0.1	<0.05	10	<0.5	<0.2
1144796	Drill Core	101	3.52	0.112	9	47	2.73	20	0.235	<20	2.92	0.026	0.05	0.1	<0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
1144797	Rock Pulp	26	0.87	0.051	11	11	0.43	36	0.020	<20	0.80	0.067	0.14	0.5	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
1144798	Drill Core	116	3.24	0.124	10	50	3.08	18	0.267	<20	3.27	0.033	0.05	0.2	<0.01	10.4	<0.1	<0.05	11	<0.5	<0.2

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Project: 204920

Report Date: November 18, 2013

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CERTIFICATE OF ANALYSIS

SMI13000353.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144771	Rock Pulp	0.20	0.19	<0.005
1144772	Drill Core	0.34	0.04	<0.005
1144773	Drill Core	0.22	0.07	<0.005
1144774	Drill Core	0.27	0.10	<0.005
1144775 Dup of 1144774	CORE DUP	0.26	0.09	<0.005
1144776	Drill Core	0.32	0.25	<0.005
1144777	Drill Core	0.58	0.26	<0.005
1144778	Drill Core	0.36	0.30	<0.005
1144779	Drill Core	0.51	0.34	<0.005
1144780	Drill Core	0.24	0.35	<0.005
1144781	Drill Core	0.23	0.29	<0.005
1144782	Drill Core	0.03	<0.02	<0.005
1144783	Rock	0.02	<0.02	<0.005
1144784	Drill Core	0.14	0.45	<0.005
1144785	Drill Core	0.18	0.27	<0.005
1144786	Drill Core	0.18	0.43	<0.005
1144787	Drill Core	0.21	0.22	<0.005
1144788	Drill Core	0.35	0.03	<0.005
1144789	Drill Core	0.28	0.05	<0.005
1144790 Dup of 1144789	CORE DUP	0.27	0.05	<0.005
1144791	Drill Core	0.22	0.08	<0.005
1144792	Drill Core	0.20	<0.02	0.005
1144793	Drill Core	0.49	<0.02	<0.005
1144794	Drill Core	0.87	0.04	<0.005
1144795	Drill Core	0.95	0.02	<0.005
1144796	Drill Core	1.00	<0.02	<0.005
1144797	Rock Pulp	0.22	0.20	<0.005
1144798	Drill Core	0.84	<0.02	<0.005

QUALITY CONTROL REPORT

SMI13000353.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
REP G1-SMI	QC																				
1144666	Drill Core	6.12	<0.001	0.009	<0.02	<0.01	<2	0.002	0.002	0.19	7.63	<0.02	0.05	<0.001	<0.01	<0.01	7.48	0.08	0.004	2.45	8.12
REP 1144666	QC		<0.001	0.009	<0.02	<0.01	<2	0.002	0.002	0.19	7.76	<0.02	0.05	<0.001	<0.01	<0.01	7.63	0.09	0.003	2.51	8.26
1144679	Drill Core	4.00	<0.001	0.002	<0.02	<0.01	<2	<0.001	0.001	0.36	6.28	<0.02	0.04	<0.001	<0.01	<0.01	8.73	0.09	0.003	1.63	8.74
REP 1144679	QC																				
1144685	Drill Core	4.71	<0.001	0.005	<0.02	<0.01	<2	0.002	0.001	0.22	6.52	<0.02	0.02	<0.001	<0.01	<0.01	5.36	0.16	0.003	2.08	8.47
REP 1144685	QC																				
1144701	Drill Core	8.18	<0.001	0.008	<0.02	<0.01	<2	0.005	0.002	0.13	6.48	<0.02	0.04	<0.001	<0.01	<0.01	5.61	0.13	0.006	3.24	8.43
REP 1144701	QC		<0.001	0.008	<0.02	<0.01	<2	0.005	0.002	0.13	6.49	<0.02	0.04	<0.001	<0.01	<0.01	5.59	0.13	0.007	3.23	8.50
1144710	Drill Core	8.66	<0.001	0.010	<0.02	<0.01	<2	0.001	0.002	0.20	7.88	<0.02	0.06	<0.001	<0.01	<0.01	8.44	0.10	0.001	1.73	7.99
REP 1144710	QC																				
1144720	Drill Core	7.04	<0.001	0.006	<0.02	<0.01	2	0.003	0.002	0.13	6.37	<0.02	0.05	<0.001	<0.01	<0.01	5.18	0.16	0.001	3.02	8.61
REP 1144720	QC																				
1144737	Drill Core	9.01	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.21	<0.02	0.06	<0.001	<0.01	<0.01	6.50	0.15	0.003	2.94	8.86
REP 1144737	QC		<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.17	<0.02	0.06	<0.001	<0.01	<0.01	6.40	0.15	0.003	2.94	8.89
1144755	Drill Core	7.44	<0.001	0.013	<0.02	<0.01	<2	<0.001	0.001	0.18	6.09	<0.02	0.07	<0.001	<0.01	<0.01	5.64	0.14	0.002	2.00	9.85
REP 1144755	QC																				
1144758	Drill Core	7.98	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.15	6.02	<0.02	0.06	<0.001	<0.01	<0.01	5.75	0.15	0.002	1.89	9.16
REP 1144758	QC																				
1144764	Drill Core	7.32	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.82	<0.02	0.04	<0.001	<0.01	<0.01	4.59	0.13	0.003	1.49	8.12
REP 1144764	QC		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.82	<0.02	0.05	<0.001	<0.01	<0.01	4.63	0.13	0.002	1.54	8.13
1144772	Drill Core	8.58	<0.001	0.015	<0.02	<0.01	<2	0.001	<0.001	0.13	4.82	<0.02	0.05	<0.001	<0.01	<0.01	4.22	0.11	0.002	1.57	8.13
REP 1144772	QC																				
1144785	Drill Core	2.40	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.27	<0.02	0.07	<0.001	<0.01	<0.01	5.39	0.13	<0.001	1.44	8.86
REP 1144785	QC																				
1144788	Drill Core	7.21	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.14	5.15	<0.02	0.06	<0.001	<0.01	<0.01	5.51	0.12	0.001	1.54	8.60
REP 1144788	QC																				
1144793	Drill Core	8.79	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.13	4.74	<0.02	0.06	<0.001	<0.01	<0.01	5.81	0.12	<0.001	1.38	8.83

QUALITY CONTROL REPORT

SMI13000353.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
REP G1-SMI	QC				0.1	1.6	2.2	44	<0.1	3.9	4.0	533	1.93	<0.5	<0.5	4.2	43	<0.1	<0.1	<0.1	
1144666	Drill Core	3.02	0.47	<0.01	<0.05	0.6	92.3	1.2	32	<0.1	10.7	21.0	550	2.49	27.6	7.4	<0.1	58	<0.1	0.4	<0.1
REP 1144666	QC	3.05	0.48	<0.01	<0.05																
1144679	Drill Core	2.50	0.83	<0.01	<0.05	0.6	20.1	1.6	31	<0.1	5.6	15.1	674	2.31	14.0	4.4	0.2	51	<0.1	0.4	<0.1
REP 1144679	QC																				
1144685	Drill Core	2.70	1.17	<0.01	0.09	1.3	56.4	1.8	84	0.7	13.9	21.3	1604	5.19	11.4	11.5	0.3	40	0.2	0.2	<0.1
REP 1144685	QC					1.2	53.3	1.7	81	0.4	15.6	21.1	1606	5.20	10.7	0.7	0.3	41	<0.1	0.5	<0.1
1144701	Drill Core	3.07	1.05	<0.01	0.14	1.2	81.1	2.0	68	<0.1	41.5	28.6	1178	5.59	9.3	1.2	0.6	49	0.1	0.3	<0.1
REP 1144701	QC	3.10	1.04	<0.01	0.14																
1144710	Drill Core	2.37	0.57	<0.01	0.13	0.6	98.2	2.2	55	0.2	9.2	18.5	1080	3.97	18.1	5.3	0.2	97	0.1	0.4	<0.1
REP 1144710	QC																				
1144720	Drill Core	2.84	1.17	<0.01	<0.05	0.6	55.5	1.3	62	<0.1	27.1	26.6	923	5.13	8.8	<0.5	0.6	44	<0.1	0.2	<0.1
REP 1144720	QC					0.6	54.2	1.3	65	<0.1	27.5	26.7	937	5.21	8.8	<0.5	0.6	45	<0.1	0.2	<0.1
1144737	Drill Core	3.03	1.07	<0.01	<0.05	0.4	51.6	1.2	62	<0.1	31.7	28.2	927	4.54	5.3	<0.5	0.4	121	<0.1	0.4	<0.1
REP 1144737	QC	3.02	0.93	<0.01	<0.05																
1144755	Drill Core	3.24	0.61	<0.01	<0.05	0.4	130.8	1.2	64	<0.1	6.1	19.2	1122	3.69	4.2	3.5	0.3	94	<0.1	0.6	<0.1
REP 1144755	QC																				
1144758	Drill Core	2.81	0.65	<0.01	<0.05	0.3	6.5	1.0	64	<0.1	7.9	24.4	950	3.98	5.0	1.1	0.4	92	<0.1	0.5	<0.1
REP 1144758	QC					0.3	6.3	1.0	59	<0.1	7.4	24.2	932	3.87	4.9	0.6	0.3	89	<0.1	0.4	<0.1
1144764	Drill Core	4.00	1.09	<0.01	<0.05	0.3	108.1	1.3	48	<0.1	2.8	14.2	824	3.45	5.2	1.1	0.3	68	<0.1	0.3	<0.1
REP 1144764	QC	3.98	1.09	<0.01	<0.05																
1144772	Drill Core	3.99	0.64	<0.01	<0.05	0.3	147.5	0.8	56	<0.1	11.2	13.7	894	3.24	1.9	2.9	0.3	61	<0.1	0.3	<0.1
REP 1144772	QC																				
1144785	Drill Core	3.65	0.61	<0.01	0.28	2.0	40.1	2.2	58	0.1	3.4	14.4	893	3.32	23.0	5.2	0.3	104	0.2	0.4	<0.1
REP 1144785	QC																				
1144788	Drill Core	3.62	0.41	<0.01	<0.05	0.3	6.3	0.9	54	<0.1	3.5	10.0	858	3.13	6.5	0.7	0.2	104	<0.1	0.4	<0.1
REP 1144788	QC					0.2	6.1	0.9	55	<0.1	3.7	10.4	864	3.11	6.2	1.1	0.2	103	<0.1	0.4	<0.1
1144793	Drill Core	3.89	0.22	<0.01	<0.05	0.4	25.2	1.1	41	<0.1	5.7	11.1	723	2.85	4.4	2.2	0.2	104	<0.1	0.4	<0.1

QUALITY CONTROL REPORT

SMI13000353.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
REP G1-SMI	QC	35	0.39	0.065	8	14	0.54	220	0.098	<20	0.90	0.076	0.49	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
1144666	Drill Core	96	1.68	0.070	1	11	0.86	12	0.164	<20	1.31	0.108	0.05	0.2	<0.01	3.8	<0.1	<0.05	3	<0.5	<0.2
REP 1144666	QC																				
1144679	Drill Core	101	2.17	0.079	1	5	0.82	12	0.162	389	1.39	0.078	0.04	0.2	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
REP 1144679	QC																				
1144685	Drill Core	145	3.91	0.168	10	24	1.90	211	0.143	61	2.60	0.030	0.17	1.7	<0.01	8.4	<0.1	0.09	12	1.2	<0.2
REP 1144685	QC	144	3.92	0.161	10	25	1.89	216	0.145	65	2.59	0.029	0.17	1.5	<0.01	9.0	<0.1	0.09	11	1.2	<0.2
1144701	Drill Core	188	4.27	0.111	8	53	3.04	23	0.309	<20	3.12	0.076	0.06	<0.1	0.02	16.1	<0.1	0.13	11	0.7	<0.2
REP 1144701	QC																				
1144710	Drill Core	148	3.59	0.082	1	13	1.22	28	0.314	<20	1.81	0.077	0.05	0.3	<0.01	8.3	<0.1	0.14	7	<0.5	<0.2
REP 1144710	QC																				
1144720	Drill Core	147	2.84	0.131	11	24	2.33	35	0.314	<20	2.59	0.073	0.09	<0.1	<0.01	7.8	<0.1	<0.05	10	<0.5	<0.2
REP 1144720	QC	149	2.88	0.128	11	25	2.36	35	0.312	<20	2.63	0.074	0.09	<0.1	<0.01	7.7	<0.1	<0.05	10	<0.5	<0.2
1144737	Drill Core	106	3.36	0.117	9	45	2.81	24	0.291	<20	2.82	0.051	0.03	<0.1	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
REP 1144737	QC																				
1144755	Drill Core	79	1.54	0.122	3	8	1.93	57	0.217	<20	2.42	0.064	0.05	0.2	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
REP 1144755	QC																				
1144758	Drill Core	74	2.09	0.141	4	6	1.91	63	0.159	<20	2.48	0.050	0.09	0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
REP 1144758	QC	74	2.04	0.137	4	6	1.88	61	0.158	<20	2.44	0.050	0.10	0.2	0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1144764	Drill Core	56	2.38	0.123	4	3	1.49	82	0.183	<20	2.02	0.065	0.13	0.2	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
REP 1144764	QC																				
1144772	Drill Core	58	1.61	0.107	3	13	1.58	29	0.144	<20	1.89	0.048	0.09	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 1144772	QC																				
1144785	Drill Core	71	1.52	0.131	3	5	1.58	50	0.176	<20	2.19	0.088	0.05	0.1	0.01	3.1	<0.1	0.29	8	<0.5	<0.2
REP 1144785	QC																				
1144788	Drill Core	66	1.91	0.114	3	6	1.57	60	0.148	<20	2.21	0.099	0.06	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
REP 1144788	QC	65	1.89	0.112	3	6	1.55	64	0.151	<20	2.25	0.104	0.06	0.2	<0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1144793	Drill Core	67	2.20	0.088	3	8	1.36	101	0.157	<20	1.81	0.062	0.02	0.2	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2

QUALITY CONTROL REPORT

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
REP G1-SMI	QC		
1144666	Drill Core	0.24	0.04
REP 1144666	QC	0.22	0.03
1144679	Drill Core	0.36	0.04
REP 1144679	QC		0.008
1144685	Drill Core	1.35	0.07
REP 1144685	QC		
1144701	Drill Core	1.21	0.12
REP 1144701	QC	1.22	0.13
1144710	Drill Core	0.94	0.13
REP 1144710	QC		0.009
1144720	Drill Core	0.54	0.04
REP 1144720	QC		
1144737	Drill Core	0.74	0.03
REP 1144737	QC	0.75	0.03
1144755	Drill Core	0.21	<0.02
REP 1144755	QC		<0.005
1144758	Drill Core	0.44	<0.02
REP 1144758	QC		
1144764	Drill Core	0.59	0.05
REP 1144764	QC		
1144772	Drill Core	0.34	0.04
REP 1144772	QC	0.35	0.04
1144785	Drill Core	0.18	0.27
REP 1144785	QC		<0.005
1144788	Drill Core	0.35	0.03
REP 1144788	QC		
1144793	Drill Core	0.49	<0.02



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Project: 204920
 Report Date: November 18, 2013

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
REP 1144793	QC																					
1144796	Drill Core	8.09	<0.001	0.002	<0.02	<0.01	<2	0.003	0.003	0.13	5.96	<0.02	0.05	<0.001	<0.01	<0.01	6.24	0.15	0.004	2.82	8.77	
REP 1144796	QC																					
1144798	Drill Core	8.25	<0.001	0.003	<0.02	<0.01	<2	0.003	0.003	0.13	6.17	<0.02	0.04	<0.001	<0.01	<0.01	5.48	0.16	0.003	3.06	8.95	
REP 1144798	QC		<0.001	0.003	<0.02	<0.01	<2	0.003	0.003	0.13	6.21	<0.02	0.04	<0.001	<0.01	<0.01	5.48	0.15	0.004	3.07	9.00	
Core Reject Duplicates																						
1144662	Drill Core	7.70	<0.001	0.002	<0.02	<0.01	<2	0.002	0.002	0.25	7.35	<0.02	0.08	<0.001	<0.01	<0.01	9.68	0.08	<0.001	2.03	8.16	
DUP 1144662	QC		<0.001	0.002	<0.02	<0.01	<2	0.002	0.002	0.26	7.77	<0.02	0.08	<0.001	<0.01	<0.01	9.83	0.09	0.002	2.09	8.16	
1144700	Drill Core	5.70	<0.001	0.005	<0.02	<0.01	<2	0.007	0.003	0.15	6.23	<0.02	0.04	<0.001	<0.01	<0.01	6.24	0.09	0.011	4.07	8.47	
DUP 1144700	QC		<0.001	0.006	<0.02	<0.01	<2	0.007	0.003	0.15	6.24	<0.02	0.04	<0.001	<0.01	<0.01	6.16	0.09	0.010	4.09	8.54	
1144738	Drill Core	8.08	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.13	6.55	<0.02	0.05	<0.001	<0.01	<0.01	5.60	0.17	0.002	3.19	9.26	
DUP 1144738	QC		<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.30	<0.02	0.05	<0.001	<0.01	<0.01	5.25	0.16	0.003	3.07	8.91	
1144776	Drill Core	7.21	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.95	<0.02	0.06	<0.001	<0.01	<0.01	4.83	0.10	0.002	1.54	8.35	
DUP 1144776	QC		<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.90	<0.02	0.06	<0.001	<0.01	<0.01	4.85	0.10	0.002	1.54	8.41	
Reference Materials																						
STD CDN-ME-14	Standard		0.001	1.234	0.46	3.06	44	0.002	0.017	0.09	17.66	<0.02	<0.01	0.009	<0.01	0.02	0.74	0.02	0.002	1.24	4.34	
STD CDN-ME-9	Standard		<0.001	0.653	<0.02	0.01	2	0.902	0.018	0.12	13.63	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.07	0.028	3.97	6.63	
STD CDN-ME-14	Standard		0.001	1.279	0.48	3.12	44	0.002	0.019	0.09	18.14	<0.02	<0.01	0.009	<0.01	0.01	0.76	0.01	0.001	1.33	4.42	
STD CDN-ME-9	Standard		<0.001	0.677	<0.02	0.01	3	0.952	0.018	0.12	13.90	<0.02	0.03	<0.001	<0.01	<0.01	4.20	0.06	0.025	4.04	6.64	
STD CDN-ME-14	Standard		0.001	1.206	0.48	3.05	43	0.002	0.017	0.09	17.26	<0.02	<0.01	0.009	<0.01	<0.01	0.73	0.02	<0.001	1.28	4.32	
STD CDN-ME-9	Standard		<0.001	0.665	<0.02	0.01	3	0.931	0.017	0.12	13.69	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.027	3.94	6.56	
STD CDN-ME-14	Standard		<0.001	1.250	0.48	3.08	44	0.002	0.017	0.09	17.94	<0.02	<0.01	0.009	<0.01	0.01	0.75	0.02	<0.001	1.29	4.43	
STD CDN-ME-9	Standard		<0.001	0.659	<0.02	0.01	4	0.933	0.018	0.12	13.52	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.031	3.95	6.64	
STD CDN-ME-14	Standard		0.001	1.231	0.49	3.04	45	0.001	0.017	0.09	17.32	<0.02	<0.01	0.009	<0.01	<0.01	0.73	0.02	0.001	1.28	4.28	
STD CDN-ME-9	Standard		<0.001	0.652	<0.02	0.01	4	0.918	0.016	0.12	13.39	<0.02	0.03	<0.001	<0.01	<0.01	4.14	0.06	0.029	3.95	6.67	
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					



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Project: 204920
Report Date: November 18, 2013

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
REP 1144793	QC					0.4	24.1	1.0	40	<0.1	6.1	11.3	726	2.91	4.3	1.7	0.2	111	<0.1	0.4	<0.1
1144796	Drill Core	3.19	0.57	<0.01	<0.05	0.4	23.6	1.6	64	<0.1	31.6	28.9	1051	4.48	3.2	<0.5	0.5	92	<0.1	0.4	<0.1
REP 1144796	QC																				
1144798	Drill Core	3.23	0.77	<0.01	<0.05	0.5	29.6	1.8	71	<0.1	32.9	31.4	1191	5.01	3.9	0.6	0.5	80	<0.1	0.3	<0.1
REP 1144798	QC	3.25	0.78	<0.01	<0.05																
Core Reject Duplicates																					
1144662	Drill Core	2.35	0.27	<0.01	<0.05	1.1	26.9	0.8	22	<0.1	8.0	20.8	423	1.72	33.0	1.6	0.1	108	<0.1	0.6	<0.1
DUP 1144662	QC	2.28	0.27	<0.01	<0.05	1.0	24.9	0.8	22	<0.1	7.8	20.7	433	1.73	32.6	1.0	0.1	112	<0.1	0.6	<0.1
1144700	Drill Core	2.97	0.74	<0.01	0.05	0.1	56.2	2.1	71	<0.1	60.4	31.1	1101	4.93	8.2	<0.5	0.4	55	<0.1	0.2	<0.1
DUP 1144700	QC	3.01	0.76	<0.01	<0.05	0.2	53.1	2.0	70	<0.1	54.8	30.6	1094	4.90	8.1	<0.5	0.4	51	0.1	0.2	<0.1
1144738	Drill Core	3.26	1.24	<0.01	<0.05	0.8	47.3	1.3	61	<0.1	28.1	27.2	1001	5.26	7.9	<0.5	0.5	65	<0.1	0.3	<0.1
DUP 1144738	QC	3.14	1.06	<0.01	<0.05	0.7	48.2	1.3	64	<0.1	29.3	27.6	1006	5.27	8.0	<0.5	0.6	66	<0.1	0.3	<0.1
1144776	Drill Core	3.63	0.65	<0.01	0.25	0.3	81.5	1.1	47	<0.1	7.0	13.2	810	3.14	3.6	5.1	0.2	76	<0.1	0.3	<0.1
DUP 1144776	QC	3.55	0.64	<0.01	0.27	0.2	79.1	1.2	47	<0.1	6.5	13.3	802	3.02	3.6	1.9	0.2	76	<0.1	0.2	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.52	1.71	<0.01	15.35																
STD CDN-ME-9	Standard	1.85	0.63	<0.01	2.42																
STD CDN-ME-14	Standard	0.52	1.68	<0.01	16.06																
STD CDN-ME-9	Standard	1.80	0.64	<0.01	2.77																
STD CDN-ME-14	Standard	0.51	1.53	<0.01	15.49																
STD CDN-ME-9	Standard	1.79	0.63	<0.01	2.48																
STD CDN-ME-14	Standard	0.52	1.65	<0.01	16.40																
STD CDN-ME-9	Standard	1.81	0.63	<0.01	2.58																
STD CDN-ME-14	Standard	0.51	1.57	<0.01	16.12																
STD CDN-ME-9	Standard	1.81	0.63	<0.01	2.45																
STD DS10	Standard					13.9	144.6	151.4	343	2.0	77.0	12.7	872	2.68	45.2	74.9	7.2	68	2.5	7.6	10.4
STD DS10	Standard					14.8	143.8	167.0	357	2.1	80.7	13.6	889	2.74	45.1	102.3	7.1	59	2.2	6.3	10.9
STD DS10	Standard					15.1	144.9	163.7	360	2.2	79.4	13.8	879	2.75	43.0	65.3	7.7	60	2.3	6.3	10.9
STD DS10	Standard					13.5	147.2	166.8	367	2.0	79.0	13.7	864	2.70	45.2	109.5	6.7	56	2.2	7.0	10.3



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Project: 204920
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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
REP 1144793	QC	69	2.25	0.091	4	8	1.36	103	0.165	<20	1.82	0.063	0.02	0.2	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1144796	Drill Core	101	3.52	0.112	9	47	2.73	20	0.235	<20	2.92	0.026	0.05	0.1	<0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
REP 1144796	QC																				
1144798	Drill Core	116	3.24	0.124	10	50	3.08	18	0.267	<20	3.27	0.033	0.05	0.2	<0.01	10.4	<0.1	<0.05	11	<0.5	<0.2
REP 1144798	QC																				
Core Reject Duplicates																					
1144662	Drill Core	67	2.15	0.071	1	9	0.54	10	0.179	74	1.03	0.069	0.02	0.3	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
DUP 1144662	QC	69	2.18	0.072	1	10	0.55	10	0.199	91	1.05	0.074	0.03	0.3	<0.01	3.1	<0.1	<0.05	3	<0.5	<0.2
1144700	Drill Core	160	3.82	0.079	6	76	3.36	21	0.253	<20	3.28	0.112	0.06	<0.1	0.02	11.0	<0.1	0.05	10	<0.5	<0.2
DUP 1144700	QC	155	3.80	0.079	6	73	3.33	20	0.244	<20	3.24	0.108	0.05	<0.1	<0.01	11.4	<0.1	<0.05	9	1.1	<0.2
1144738	Drill Core	148	3.38	0.129	11	34	2.69	63	0.299	<20	2.84	0.068	0.08	<0.1	<0.01	10.4	<0.1	<0.05	10	<0.5	<0.2
DUP 1144738	QC	151	3.40	0.128	11	34	2.70	62	0.313	<20	2.86	0.072	0.09	<0.1	<0.01	10.3	<0.1	<0.05	10	<0.5	<0.2
1144776	Drill Core	64	1.66	0.098	3	6	1.50	157	0.190	<20	1.82	0.054	0.10	0.1	0.01	2.3	<0.1	0.23	6	<0.5	<0.2
DUP 1144776	QC	65	1.70	0.097	3	7	1.48	191	0.183	<20	1.82	0.053	0.10	0.1	0.01	2.2	<0.1	0.23	6	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	45	1.04	0.075	17	54	0.76	414	0.075	<20	1.02	0.065	0.33	2.5	0.29	2.8	5.2	0.29	5	1.8	4.8
STD DS10	Standard	43	1.08	0.067	16	57	0.79	441	0.067	<20	1.03	0.066	0.34	2.5	0.33	2.9	5.3	0.29	5	2.4	5.3
STD DS10	Standard	42	1.06	0.065	17	56	0.78	429	0.068	<20	1.04	0.067	0.33	3.0	0.38	2.7	5.2	0.28	5	2.1	5.1
STD DS10	Standard	41	1.04	0.065	15	56	0.76	383	0.063	<20	0.99	0.063	0.32	3.2	0.30	2.6	5.2	0.28	5	2.5	5.1

QUALITY CONTROL REPORT

SMI13000353.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
REP 1144793	QC			
1144796	Drill Core	1.00	<0.02	<0.005
REP 1144796	QC			<0.005
1144798	Drill Core	0.84	<0.02	<0.005
REP 1144798	QC	0.85	<0.02	<0.005
Core Reject Duplicates				
1144662	Drill Core	0.38	0.02	<0.005
DUP 1144662	QC	0.38	0.03	<0.005
1144700	Drill Core	0.95	0.05	<0.005
DUP 1144700	QC	0.94	0.04	<0.005
1144738	Drill Core	0.73	0.03	<0.005
DUP 1144738	QC	0.73	0.03	<0.005
1144776	Drill Core	0.32	0.25	<0.005
DUP 1144776	QC	0.37	0.25	<0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			



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 Vancouver BC V6C 0B3 CANADA

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD DS10	Standard					15.6	163.2	161.9	395	2.1	77.0	13.9	937	2.84	48.7	74.6	6.9	61	3.2	6.9	11.4	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.0	710.3	13.8	30	0.2	392.0	49.3	395	23.85	10.7	61.1	10.3	4	<0.1	0.2	0.1	
STD OREAS45EA	Standard					1.3	652.9	12.9	27	0.2	360.3	50.6	374	22.02	8.2	54.6	9.2	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.6	693.3	13.1	28	0.3	380.3	51.3	387	23.10	9.0	51.4	9.3	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.3	677.8	13.3	27	0.2	373.3	52.7	381	22.50	8.5	50.6	9.4	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.2	653.9	14.8	29	0.3	371.4	50.0	385	23.43	8.4	53.9	10.1	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.4	715.1	13.2	31	0.2	394.3	52.7	403	23.68	10.4	65.0	9.2	3	<0.1	0.1	0.3	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD DS10	Standard	44	1.12	0.076	17	57	0.81	440	0.064	<20	1.06	0.070	0.35	2.8	0.31	3.1	5.4	0.29	4	2.6	5.3
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	309	0.06	0.030	7	821	0.10	140	0.088	<20	3.28	0.019	0.06	<0.1	<0.01	81.0	<0.1	<0.05	14	0.7	<0.2
STD OREAS45EA	Standard	287	0.04	0.024	6	943	0.08	139	0.076	<20	2.94	0.017	0.05	<0.1	<0.01	69.6	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	297	0.04	0.023	6	1001	0.09	138	0.077	<20	3.16	0.020	0.05	<0.1	0.01	71.7	<0.1	<0.05	12	0.7	<0.2
STD OREAS45EA	Standard	299	0.04	0.023	6	988	0.09	132	0.079	<20	3.01	0.021	0.05	<0.1	<0.01	71.4	<0.1	<0.05	13	<0.5	<0.2
STD OREAS45EA	Standard	297	0.04	0.028	7	867	0.09	148	0.088	<20	3.02	0.021	0.05	<0.1	0.01	79.2	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	328	0.04	0.028	6	1024	0.09	147	0.075	<20	3.35	0.018	0.06	<0.1	0.01	81.7	0.2	<0.05	12	0.8	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD DS10	Standard			
STD GS311-1	Standard	1.03	2.30	
STD GS311-1	Standard	1.01	2.41	
STD GS311-1	Standard	0.97	2.27	
STD GS311-1	Standard	1.04	2.34	
STD GS311-1	Standard	1.06	2.35	
STD GS311-1	Standard	0.99	2.27	
STD GS910-4	Standard	2.69	8.30	
STD GS910-4	Standard	2.59	8.45	
STD GS910-4	Standard	2.54	8.36	
STD GS910-4	Standard	2.70	8.12	
STD GS910-4	Standard	2.77	8.24	
STD GS910-4	Standard	2.69	8.30	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.202
STD OXC109	Standard			0.199
STD OXC109	Standard			0.204
STD OXI96	Standard			1.786
STD OXI96	Standard			1.811
STD OXI96	Standard			1.842
STD OXL93	Standard			5.839
STD OXL93	Standard			5.933
STD OXL93	Standard			5.551
STD OXC109 Expected				0.201



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	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD OXI96 Expected																				
STD OXL93 Expected																				
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	0.001	<0.01	<0.01
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	0.002	<0.01	<0.01
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				

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	7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
STD OXI96 Expected	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD OXL93 Expected																				
STD CDN-ME-14 Expected	0.52	1.5		16																
STD CDN-ME-9 Expected	1.82	0.63		2.547																
STD DS10 Expected					14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65
STD OREAS45EA Expected					1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26
STD GS311-1 Expected																				
STD GS910-4 Expected																				
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank	<0.01	<0.01	<0.01	0.06																
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank	<0.01	<0.01	<0.01	<0.05																
BLK Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK Blank																				
BLK Blank																				
BLK Blank																				
BLK Blank																				



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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD OXI96 Expected		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXL93 Expected																					
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<2	0.02	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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.

QUALITY CONTROL REPORT

SMI13000353.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXI96	Expected			1.802
STD OXL93	Expected			5.841
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD DS10	Expected			
STD OREAS45EA	Expected			
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	



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 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 18, 2013

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Part: 1 of 4

QUALITY CONTROL REPORT

SMI13000353.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.41	<0.02	0.07	<0.001	<0.01	<0.01	2.28	0.08	0.001	0.62	6.57	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.39	<0.02	0.07	<0.001	<0.01	<0.01	2.20	0.08	0.001	0.61	6.70	
G1-SMI	Prep Blank																					



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QUALITY CONTROL REPORT

SMI13000353.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.55	1.43	<0.01	0.06	0.2	2.0	2.4	46	<0.1	3.8	4.1	543	1.99	<0.5	<0.5	5.0	46	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.54	1.55	<0.01	<0.05																	
G1-SMI	Prep Blank					0.1	1.7	2.2	44	<0.1	3.9	4.0	525	1.94	<0.5	<0.5	4.2	42	<0.1	<0.1	<0.1	



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Project: 204920
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QUALITY CONTROL REPORT

SMI13000353.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	35	0.45	0.067	9	10	0.56	228	0.103	<20	0.94	0.089	0.50	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank																				
G1-SMI	Prep Blank	34	0.37	0.065	8	10	0.54	222	0.098	<20	0.88	0.074	0.49	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2



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Project: 204920
 Report Date: November 18, 2013

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Part: 4 of 4

QUALITY CONTROL REPORT

SMI13000353.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.04	<0.02	0.007
G1-SMI	Prep Blank	0.04	<0.02	<0.005
G1-SMI	Prep Blank			



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Submitted By: Michael Buchanan and Rupa Mukherjee
 Receiving Lab: Canada-Smithers
 Received: October 03, 2013
 Report Date: November 12, 2013
 Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI13000354.1

CLIENT JOB INFORMATION

Project: 204920
 Shipment ID: SCK_2013_008
 P.O. Number
 Number of Samples: 88

SAMPLE DISPOSAL

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

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

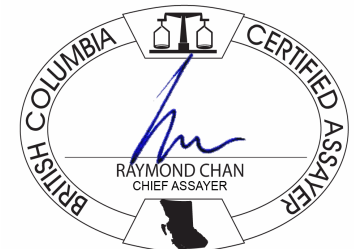
Invoice To: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3
 CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	83	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	4	Split samples by riffle splitter			SMI
P200	4	Pulverize to 85% passing 200 mesh			VAN
7TD2	88	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	88	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	88	Analysis by Leco	0.1	Completed	VAN
G6	88	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144001	Drill Core	7.19	<0.001	0.003	<0.02	<0.01	2	0.001	0.003	0.09	6.32	<0.02	0.04	<0.001	<0.01	<0.01	4.41	0.12	0.003	3.39	9.12
1144002	Drill Core	7.26	<0.001	0.003	<0.02	<0.01	<2	0.001	0.002	0.08	6.50	<0.02	0.03	<0.001	<0.01	<0.01	3.49	0.11	0.003	3.34	8.62
1144003	Drill Core	8.98	<0.001	0.021	<0.02	<0.01	<2	0.001	0.004	0.08	6.08	<0.02	0.03	<0.001	<0.01	<0.01	4.19	0.11	0.003	2.67	8.17
1144004	Drill Core	8.19	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.002	0.08	6.56	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.11	0.003	3.11	8.47
1144005	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.34	<0.02	0.05	<0.001	<0.01	<0.01	1.88	0.06	<0.001	0.54	7.21
1144006	Drill Core	3.06	<0.001	0.031	<0.02	<0.01	<2	0.001	0.002	0.07	6.73	<0.02	0.02	<0.001	<0.01	<0.01	3.70	0.10	0.003	2.50	7.16
1144007	Drill Core	8.01	<0.001	0.051	<0.02	<0.01	<2	<0.001	0.001	0.04	3.14	<0.02	0.02	<0.001	<0.01	<0.01	2.08	0.06	0.002	0.81	6.28
1144008	Rock	3.61	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.63	<0.02	0.05	<0.001	<0.01	<0.01	1.60	0.03	<0.001	0.25	6.69
1144009	Drill Core	7.57	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.37	<0.02	0.02	<0.001	<0.01	<0.01	1.88	0.06	0.002	0.89	6.55
1144010	Drill Core	7.43	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.62	<0.02	0.03	<0.001	<0.01	<0.01	1.98	0.06	0.002	0.97	6.63
1144011	Drill Core	7.49	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.54	<0.02	0.03	<0.001	<0.01	<0.01	2.12	0.06	0.002	1.06	7.42
1144012	Drill Core	3.78	<0.001	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.55	<0.02	0.03	<0.001	<0.01	<0.01	2.23	0.06	0.002	0.91	6.88
1144013	Drill Core	3.91	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.78	<0.02	0.03	<0.001	<0.01	<0.01	2.11	0.06	0.002	0.94	7.40
1144014	Drill Core	7.41	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.45	<0.02	0.04	<0.001	<0.01	<0.01	2.08	0.06	0.003	1.00	7.01
1144015	Drill Core	7.15	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.58	<0.02	0.03	<0.001	<0.01	<0.01	2.22	0.06	0.002	0.90	7.20
1144016	Drill Core	3.87	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.56	<0.02	0.03	<0.001	<0.01	<0.01	2.50	0.06	0.002	0.79	7.20
1144017	Drill Core	5.74	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.04	<0.02	0.03	<0.001	<0.01	<0.01	3.04	0.06	0.002	1.01	6.85
1144018 Dup of 1144017	CORE DUP	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.94	<0.02	0.03	<0.001	<0.01	<0.01	2.92	0.06	0.002	0.98	6.29	
1144019	Drill Core	7.63	<0.001	0.010	<0.02	<0.01	<2	0.001	0.002	0.10	6.56	<0.02	0.03	<0.001	<0.01	<0.01	5.29	0.11	0.002	2.73	8.76
1144020	Drill Core	11.04	<0.001	0.019	<0.02	<0.01	<2	<0.001	0.002	0.09	6.30	<0.02	0.03	<0.001	<0.01	<0.01	4.40	0.11	0.003	2.86	8.62
1144021	Drill Core	7.64	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.09	5.17	<0.02	0.05	<0.001	<0.01	<0.01	4.86	0.11	0.002	3.33	8.93
1144022	Rock Pulp	0.12	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.29	<0.02	0.05	<0.001	<0.01	<0.01	1.94	0.06	0.002	0.54	7.80
1144023	Drill Core	8.59	<0.001	0.018	<0.02	<0.01	<2	0.001	0.002	0.11	6.07	<0.02	0.06	<0.001	<0.01	<0.01	4.69	0.12	0.003	3.42	9.16
1144024	Drill Core	8.15	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.10	6.10	<0.02	0.05	<0.001	<0.01	<0.01	4.88	0.12	0.002	3.22	8.97
1144025	Drill Core	7.57	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.10	6.77	<0.02	0.05	<0.001	<0.01	<0.01	4.92	0.12	0.002	3.21	9.01
1144026	Drill Core	9.10	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.002	0.10	6.60	<0.02	0.05	<0.001	<0.01	<0.01	4.72	0.12	0.003	3.23	9.01
1144027	Drill Core	8.69	<0.001	0.005	<0.02	<0.01	<2	0.001	0.002	0.09	6.32	<0.02	0.05	<0.001	<0.01	<0.01	4.06	0.11	0.002	3.50	8.66
1144028	Rock	3.75	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.57	<0.02	0.05	<0.001	<0.01	<0.01	1.51	0.03	0.002	0.25	6.35
1144029	Drill Core	7.48	<0.001	0.004	<0.02	<0.01	<2	0.001	0.001	0.10	6.44	<0.02	0.05	<0.001	<0.01	<0.01	4.34	0.11	0.002	3.20	8.71
1144030	Drill Core	3.71	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.09	6.00	<0.02	0.05	<0.001	<0.01	<0.01	4.51	0.11	0.003	3.00	8.50

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144001	Drill Core	3.04	0.67	<0.01	1.04	0.7	30.2	1.3	37	0.1	11.1	30.1	554	4.74	13.2	26.0	0.3	90	<0.1	0.5	0.9
1144002	Drill Core	3.06	0.82	<0.01	1.41	0.3	23.9	0.8	52	<0.1	14.5	23.5	710	5.32	10.6	10.7	0.3	45	<0.1	0.1	0.7
1144003	Drill Core	3.00	0.84	<0.01	3.77	0.6	204.7	1.1	49	0.2	9.5	37.5	701	5.10	15.8	21.8	0.3	53	<0.1	0.2	1.8
1144004	Drill Core	2.80	0.73	<0.01	2.55	0.6	195.4	1.0	46	0.1	10.0	20.8	687	5.27	10.1	12.5	0.3	64	<0.1	0.2	1.3
1144005	Rock Pulp	2.94	1.50	<0.01	0.22	10.2	161.9	11.8	41	0.1	6.8	5.2	213	1.78	2.4	<0.5	3.1	46	<0.1	0.1	0.1
1144006	Drill Core	1.62	1.27	<0.01	4.97	1.3	278.7	2.0	42	0.2	10.1	24.2	675	5.71	12.2	20.9	0.2	52	<0.1	0.1	6.6
1144007	Drill Core	2.65	1.46	<0.01	2.33	4.9	461.6	1.5	17	0.4	6.3	10.3	334	2.49	8.4	8.1	2.0	30	<0.1	<0.1	3.9
1144008	Rock	2.90	1.31	<0.01	<0.05	0.6	8.6	2.1	46	<0.1	1.4	2.2	317	1.41	<0.5	<0.5	6.7	22	<0.1	<0.1	<0.1
1144009	Drill Core	3.76	0.97	<0.01	1.21	3.9	70.6	0.8	19	<0.1	7.5	6.4	282	1.99	6.6	3.5	2.2	36	<0.1	<0.1	0.8
1144010	Drill Core	3.98	1.05	<0.01	1.28	4.3	81.5	1.0	26	<0.1	7.6	5.7	319	2.18	6.1	18.8	2.4	45	<0.1	0.1	0.8
1144011	Drill Core	3.92	1.06	<0.01	1.13	5.0	93.6	1.0	27	<0.1	7.2	6.7	334	2.11	5.5	16.8	2.3	43	<0.1	0.1	0.6
1144012	Drill Core	4.00	1.33	<0.01	1.36	4.5	194.3	1.0	27	0.1	8.3	7.7	339	2.13	6.0	8.0	2.4	51	<0.1	0.1	1.4
1144013	Drill Core	4.05	1.27	<0.01	1.50	5.1	241.9	1.1	27	0.1	7.6	7.7	339	2.33	7.3	24.2	2.5	47	<0.1	0.1	1.6
1144014	Drill Core	3.87	1.04	<0.01	1.20	4.3	84.2	1.1	29	<0.1	6.9	8.4	342	2.17	5.4	10.0	2.5	49	<0.1	0.2	0.6
1144015	Drill Core	3.88	0.96	<0.01	1.45	3.8	100.9	0.8	24	<0.1	7.3	6.4	314	2.15	6.8	5.7	2.3	37	<0.1	0.1	0.9
1144016	Drill Core	3.92	1.07	<0.01	1.59	5.9	29.9	1.1	21	<0.1	6.6	8.0	302	2.14	11.2	6.8	2.2	44	<0.1	0.2	0.6
1144017	Drill Core	3.53	1.17	<0.01	1.92	3.5	32.1	1.1	25	<0.1	7.1	8.3	446	2.57	7.5	6.6	3.1	60	<0.1	0.2	0.7
1144018 Dup of 1144017	CORE DUP	3.52	1.18	<0.01	1.79	3.3	29.6	1.1	25	0.1	5.7	8.1	444	2.54	8.0	2.6	3.2	61	<0.1	0.1	0.7
1144019	Drill Core	2.10	1.04	<0.01	0.11	0.4	87.4	1.5	39	<0.1	9.4	20.3	945	4.98	4.9	5.2	0.3	95	<0.1	0.3	0.3
1144020	Drill Core	2.66	0.86	<0.01	1.69	1.0	174.4	8.5	61	0.2	10.4	24.2	803	5.31	8.7	23.7	0.3	81	<0.1	0.5	0.9
1144021	Drill Core	3.40	0.63	<0.01	1.63	0.6	60.7	2.6	38	0.1	7.7	23.6	492	3.77	10.6	15.9	0.3	77	<0.1	0.5	0.8
1144022	Rock Pulp	2.97	1.77	<0.01	0.22	9.9	167.9	12.8	44	0.1	7.8	5.6	223	1.86	2.4	<0.5	3.2	47	<0.1	0.1	0.2
1144023	Drill Core	3.11	0.77	<0.01	0.79	0.5	176.5	1.4	31	0.2	9.3	14.4	434	4.32	8.1	35.2	0.3	93	<0.1	0.6	0.5
1144024	Drill Core	2.95	0.76	<0.01	0.86	0.6	107.1	1.8	25	0.1	7.6	16.2	407	4.30	9.1	23.6	0.3	119	<0.1	0.7	0.6
1144025	Drill Core	2.58	0.72	<0.01	0.56	0.6	83.5	1.6	21	<0.1	8.4	15.5	434	4.88	8.1	8.2	0.3	133	<0.1	0.9	0.4
1144026	Drill Core	2.72	0.70	<0.01	0.67	0.4	98.0	1.7	24	<0.1	8.1	12.8	426	4.89	8.0	7.3	0.3	138	<0.1	0.7	0.4
1144027	Drill Core	2.90	0.72	<0.01	0.90	0.2	43.7	1.5	29	<0.1	8.6	16.8	518	4.90	9.1	11.7	0.3	100	<0.1	0.7	0.5
1144028	Rock	2.83	1.42	<0.01	<0.05	0.3	12.2	1.6	51	<0.1	1.2	2.3	308	1.36	<0.5	<0.5	6.5	21	<0.1	<0.1	<0.1
1144029	Drill Core	3.36	0.74	<0.01	1.49	0.3	38.9	2.3	40	<0.1	9.2	12.9	623	5.03	10.1	21.7	0.2	73	<0.1	0.5	0.7
1144030	Drill Core	3.21	0.64	<0.01	1.37	0.3	59.2	1.9	42	<0.1	9.2	17.9	705	4.78	10.1	17.9	0.2	97	<0.1	0.3	0.7

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144001	Drill Core	168	1.97	0.095	3	22	2.45	67	0.140	<20	2.69	0.228	0.09	0.2	<0.01	10.1	<0.1	0.93	9	<0.5	0.7
1144002	Drill Core	146	2.90	0.095	5	30	3.06	47	0.036	<20	2.83	0.057	0.12	<0.1	<0.01	14.5	<0.1	1.24	11	<0.5	0.6
1144003	Drill Core	113	3.21	0.093	4	19	2.32	55	0.025	<20	2.10	0.055	0.10	<0.1	<0.01	13.8	<0.1	3.22	9	2.1	0.9
1144004	Drill Core	127	2.98	0.095	3	21	2.72	62	0.033	<20	2.47	0.068	0.10	<0.1	<0.01	15.7	<0.1	2.25	9	1.6	0.7
1144005	Rock Pulp	24	0.83	0.051	10	10	0.40	35	0.018	<20	0.72	0.062	0.14	0.4	<0.01	1.5	<0.1	0.19	4	<0.5	<0.2
1144006	Drill Core	70	3.19	0.090	4	15	2.01	32	0.002	<20	1.85	0.029	0.20	0.1	<0.01	8.5	<0.1	4.23	6	4.1	3.0
1144007	Drill Core	11	1.96	0.056	5	7	0.55	78	<0.001	<20	0.59	0.033	0.16	<0.1	<0.01	1.7	<0.1	2.04	2	2.2	1.7
1144008	Rock	13	0.23	0.029	11	6	0.24	63	0.062	<20	0.54	0.070	0.26	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1144009	Drill Core	22	1.73	0.054	8	12	0.71	131	<0.001	<20	0.87	0.053	0.14	<0.1	<0.01	2.3	<0.1	1.10	4	0.7	0.5
1144010	Drill Core	28	1.69	0.058	8	14	0.81	199	0.002	<20	0.93	0.060	0.12	0.1	<0.01	2.8	<0.1	1.16	4	<0.5	0.3
1144011	Drill Core	31	1.72	0.055	8	14	0.91	201	0.002	<20	0.98	0.062	0.12	<0.1	<0.01	3.0	<0.1	1.03	5	<0.5	0.3
1144012	Drill Core	28	1.88	0.057	8	14	0.75	93	0.001	<20	0.89	0.061	0.12	<0.1	<0.01	2.7	<0.1	1.21	4	<0.5	1.0
1144013	Drill Core	29	1.82	0.059	8	13	0.78	132	0.001	<20	0.89	0.059	0.11	<0.1	<0.01	2.6	<0.1	1.37	4	<0.5	0.2
1144014	Drill Core	32	1.71	0.060	9	17	0.91	211	0.003	<20	0.96	0.069	0.11	<0.1	<0.01	3.3	<0.1	1.13	5	<0.5	0.5
1144015	Drill Core	26	1.83	0.054	7	14	0.72	150	0.001	<20	0.82	0.057	0.12	0.5	<0.01	2.7	<0.1	1.30	4	<0.5	0.4
1144016	Drill Core	28	2.06	0.055	7	12	0.63	119	0.002	<20	0.75	0.058	0.11	<0.1	<0.01	2.8	<0.1	1.43	4	<0.5	0.3
1144017	Drill Core	27	2.78	0.058	7	10	0.82	73	0.001	<20	0.89	0.054	0.13	0.1	<0.01	2.4	<0.1	1.73	4	<0.5	0.6
1144018 Dup of 1144017	CORE DUP	27	2.74	0.061	7	11	0.82	55	0.001	<20	0.92	0.059	0.14	0.1	<0.01	2.5	<0.1	1.68	4	0.9	0.2
1144019	Drill Core	156	4.06	0.098	6	20	2.46	156	0.037	<20	2.90	0.096	0.17	<0.1	<0.01	14.8	<0.1	0.09	9	<0.5	<0.2
1144020	Drill Core	148	3.42	0.095	5	21	2.61	75	0.040	<20	2.70	0.088	0.15	0.6	<0.01	14.6	<0.1	1.50	8	0.6	0.5
1144021	Drill Core	136	2.21	0.104	3	21	2.13	68	0.134	<20	2.08	0.178	0.07	0.3	<0.01	9.1	<0.1	1.50	7	<0.5	0.7
1144022	Rock Pulp	26	0.86	0.056	11	11	0.42	37	0.020	<20	0.77	0.066	0.14	0.4	<0.01	1.5	<0.1	0.20	4	<0.5	<0.2
1144023	Drill Core	152	1.65	0.111	3	22	1.94	153	0.135	<20	2.29	0.217	0.08	0.4	<0.01	5.8	<0.1	0.73	8	<0.5	<0.2
1144024	Drill Core	143	1.78	0.103	3	20	1.70	130	0.144	<20	2.27	0.237	0.08	0.3	<0.01	4.3	<0.1	0.79	7	<0.5	0.4
1144025	Drill Core	158	1.80	0.099	3	21	1.80	67	0.145	<20	2.70	0.294	0.09	0.2	<0.01	5.0	<0.1	0.51	7	0.8	<0.2
1144026	Drill Core	163	1.65	0.102	3	22	1.88	135	0.144	<20	2.59	0.278	0.08	0.2	<0.01	5.3	<0.1	0.61	7	<0.5	0.2
1144027	Drill Core	159	1.65	0.099	3	20	2.45	134	0.152	<20	2.40	0.194	0.07	0.2	<0.01	7.2	<0.1	0.82	9	<0.5	0.4
1144028	Rock	13	0.18	0.027	12	4	0.25	72	0.068	<20	0.54	0.064	0.31	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1144029	Drill Core	154	2.15	0.101	3	20	2.29	138	0.131	<20	2.12	0.145	0.07	0.3	<0.01	10.6	<0.1	1.38	8	0.8	0.8
1144030	Drill Core	163	2.69	0.099	3	19	2.55	206	0.112	<20	2.27	0.129	0.07	0.1	<0.01	15.0	<0.1	1.23	7	<0.5	0.5

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Project: 204920

Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

SMI13000354.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144001	Drill Core	0.31	1.01	0.031
1144002	Drill Core	0.87	1.37	0.018
1144003	Drill Core	0.98	3.53	0.028
1144004	Drill Core	0.89	2.50	0.023
1144005	Rock Pulp	0.21	0.20	<0.005
1144006	Drill Core	1.20	4.68	0.024
1144007	Drill Core	0.74	2.23	0.015
1144008	Rock	<0.02	<0.02	<0.005
1144009	Drill Core	0.54	1.15	0.010
1144010	Drill Core	0.52	1.24	0.008
1144011	Drill Core	0.53	1.08	0.018
1144012	Drill Core	0.58	1.31	0.015
1144013	Drill Core	0.54	1.43	0.014
1144014	Drill Core	0.49	1.16	0.007
1144015	Drill Core	0.56	1.41	0.012
1144016	Drill Core	0.64	1.51	0.014
1144017	Drill Core	0.88	1.86	0.006
1144018 Dup of 1144017	CORE DUP	0.86	1.74	0.007
1144019	Drill Core	1.24	0.09	0.011
1144020	Drill Core	1.01	1.63	0.038
1144021	Drill Core	0.47	1.59	0.028
1144022	Rock Pulp	0.21	0.20	<0.005
1144023	Drill Core	0.23	0.77	0.039
1144024	Drill Core	0.23	0.84	0.024
1144025	Drill Core	0.19	0.52	0.020
1144026	Drill Core	0.18	0.65	0.012
1144027	Drill Core	0.31	0.87	0.013
1144028	Rock	<0.02	<0.02	<0.005
1144029	Drill Core	0.52	1.49	0.025
1144030	Drill Core	0.74	1.35	0.022

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144031	Drill Core	3.75	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.002	0.09	6.01	<0.02	0.05	<0.001	<0.01	<0.01	4.57	0.11	0.003	2.99	8.50
1144032	Drill Core	7.63	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.09	6.98	<0.02	0.05	<0.001	<0.01	<0.01	4.99	0.11	0.003	2.44	8.48
1144033	Drill Core	7.79	<0.001	0.024	<0.02	<0.01	<2	<0.001	0.003	0.06	5.89	<0.02	0.02	<0.001	<0.01	<0.01	3.69	0.11	0.003	1.65	7.77
1144034 Dup of 1144033	CORE DUP		<0.001	0.021	<0.02	<0.01	<2	<0.001	0.003	0.06	5.44	<0.02	0.02	<0.001	<0.01	<0.01	3.44	0.11	0.003	1.63	7.64
1144035	Drill Core	8.01	0.001	0.005	<0.02	<0.01	<2	<0.001	0.003	0.15	6.86	<0.02	0.02	<0.001	<0.01	<0.01	9.42	0.07	0.002	3.63	5.15
1144036	Drill Core	7.03	<0.001	0.013	<0.02	<0.01	<2	0.001	0.002	0.08	4.54	<0.02	<0.01	<0.001	<0.01	<0.01	4.55	0.12	0.001	1.99	8.11
1144037	Drill Core	7.88	<0.001	0.016	<0.02	<0.01	<2	0.001	0.002	0.08	5.16	<0.02	<0.01	<0.001	<0.01	<0.01	4.35	0.12	0.001	2.11	8.34
1144038	Drill Core	7.23	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.002	0.12	5.16	<0.02	0.01	<0.001	<0.01	<0.01	7.20	0.10	0.002	2.83	6.89
1144039	Drill Core	4.13	<0.001	0.008	<0.02	<0.01	<2	<0.001	0.002	0.07	5.23	<0.02	0.02	<0.001	<0.01	<0.01	2.70	0.13	0.002	2.18	8.94
1144040	Drill Core	8.15	<0.001	0.005	<0.02	<0.01	<2	0.001	0.002	0.08	5.14	<0.02	0.03	<0.001	<0.01	<0.01	3.40	0.13	0.001	2.00	8.87
1144041	Drill Core	6.48	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.07	4.93	<0.02	0.03	<0.001	<0.01	<0.01	2.49	0.13	0.001	2.13	8.77
1144042	Drill Core	7.96	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.06	4.59	<0.02	0.03	<0.001	<0.01	<0.01	2.50	0.12	0.001	1.81	7.86
1144043	Drill Core	7.06	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.05	4.65	<0.02	0.02	<0.001	<0.01	<0.01	2.76	0.13	0.002	1.60	8.46
1144044	Drill Core	6.66	<0.001	0.035	<0.02	<0.01	<2	<0.001	0.001	0.06	4.96	<0.02	0.02	<0.001	<0.01	<0.01	2.61	0.12	0.001	1.93	7.80
1144045	Rock Pulp	0.15	0.001	0.018	<0.02	<0.01	<2	0.001	<0.001	0.03	2.16	<0.02	0.05	<0.001	<0.01	<0.01	1.82	0.06	0.002	0.51	6.96
1144046	Drill Core	7.10	<0.001	0.014	<0.02	<0.01	<2	0.001	0.002	0.05	4.60	<0.02	0.03	<0.001	<0.01	<0.01	2.83	0.13	<0.001	1.91	8.12
1144047	Drill Core	6.55	<0.001	0.041	<0.02	<0.01	<2	0.001	0.001	0.05	4.94	<0.02	0.03	<0.001	<0.01	<0.01	3.90	0.12	<0.001	1.92	8.14
1144048	Drill Core	8.29	<0.001	0.014	<0.02	<0.01	<2	0.001	0.002	0.05	5.29	<0.02	0.02	<0.001	<0.01	<0.01	2.95	0.12	0.001	2.76	8.49
1144049	Rock	5.02	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.47	<0.02	0.06	<0.001	<0.01	<0.01	1.55	0.03	<0.001	0.24	6.84
1144050	Drill Core	6.56	<0.001	0.015	<0.02	<0.01	<2	0.001	0.003	0.06	5.77	<0.02	0.02	<0.001	<0.01	<0.01	3.99	0.13	<0.001	2.61	8.42
1144051	Drill Core	8.04	<0.001	0.011	<0.02	<0.01	<2	0.001	0.002	0.08	6.57	<0.02	0.03	<0.001	<0.01	<0.01	5.40	0.14	<0.001	2.40	8.97
1144052	Drill Core	3.71	<0.001	0.038	<0.02	<0.01	<2	<0.001	0.002	0.07	6.58	<0.02	0.03	<0.001	<0.01	<0.01	4.21	0.14	<0.001	2.50	8.69
1144053	Drill Core	3.47	<0.001	0.043	<0.02	<0.01	<2	<0.001	0.002	0.08	6.63	<0.02	0.03	<0.001	<0.01	<0.01	4.40	0.14	0.001	2.52	8.64
1144054	Drill Core	9.26	<0.001	0.041	<0.02	<0.01	<2	0.001	0.002	0.07	6.48	<0.02	0.02	<0.001	<0.01	<0.01	3.25	0.15	0.001	2.85	8.59
1144055	Drill Core	7.85	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.002	0.05	5.05	<0.02	0.01	<0.001	<0.01	<0.01	2.86	0.14	<0.001	2.46	7.99
1144056	Drill Core	7.68	<0.001	0.037	<0.02	<0.01	<2	0.002	0.003	0.07	6.59	<0.02	0.02	<0.001	<0.01	<0.01	3.81	0.13	0.002	2.98	8.70
1144057 Dup of 1144056	CORE DUP		<0.001	0.035	<0.02	<0.01	<2	0.002	0.003	0.07	6.54	<0.02	0.02	<0.001	<0.01	<0.01	3.80	0.13	0.003	2.96	8.50
1144058	Drill Core	6.20	<0.001	0.023	<0.02	<0.01	<2	0.002	0.002	0.05	3.79	<0.02	0.02	<0.001	<0.01	<0.01	3.37	0.08	0.003	1.80	7.84
1144059	Drill Core	8.43	<0.001	0.006	<0.02	<0.01	<2	0.001	<0.001	0.03	2.05	<0.02	0.02	<0.001	<0.01	<0.01	2.85	0.06	0.002	0.85	5.98
1144060	Drill Core	7.25	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.69	<0.02	0.02	<0.001	<0.01	<0.01	2.42	0.06	0.001	0.77	6.37

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144031	Drill Core	3.22	0.65	<0.01	1.35	0.2	46.8	1.7	40	<0.1	8.4	17.4	690	4.64	9.6	12.4	0.3	91	<0.1	0.4	0.8
1144032	Drill Core	3.43	0.58	<0.01	1.26	0.2	60.8	1.4	49	<0.1	8.9	22.6	697	5.35	16.6	22.9	0.3	79	<0.1	0.3	0.6
1144033	Drill Core	2.99	0.96	<0.01	4.04	3.0	224.2	6.6	45	0.9	8.5	27.7	584	5.26	23.0	161.2	0.3	51	0.2	3.3	1.6
1144034 Dup of 1144033	CORE DUP	3.24	1.03	<0.01	3.48	2.6	210.6	5.8	41	0.7	8.2	25.1	549	4.66	22.1	45.2	0.3	45	0.2	4.2	1.4
1144035	Drill Core	1.80	1.05	<0.01	3.41	10.8	44.8	8.4	47	0.3	7.1	28.4	1368	5.52	9.7	21.5	0.1	80	0.2	0.3	1.6
1144036	Drill Core	0.60	2.36	<0.01	2.40	4.6	117.9	3.8	43	0.2	5.8	16.5	716	3.55	7.7	35.5	0.5	56	0.1	0.1	2.6
1144037	Drill Core	0.61	2.23	<0.01	2.81	1.3	152.1	4.4	38	0.2	5.5	16.3	750	4.13	4.7	62.4	0.3	64	0.1	<0.1	1.8
1144038	Drill Core	0.70	1.48	<0.01	1.22	1.1	26.5	3.2	47	<0.1	6.0	14.3	1044	3.96	3.7	25.1	0.2	86	0.2	0.1	0.7
1144039	Drill Core	2.29	1.23	<0.01	0.76	0.7	75.0	1.9	51	0.2	6.6	18.8	629	3.95	5.7	33.2	0.3	62	<0.1	<0.1	0.4
1144040	Drill Core	2.80	1.18	<0.01	0.06	0.3	49.3	1.5	50	<0.1	6.6	12.7	689	3.74	2.3	15.4	0.4	75	<0.1	0.1	0.1
1144041	Drill Core	4.98	0.58	<0.01	0.32	0.5	73.8	1.1	60	<0.1	7.2	16.4	606	3.70	4.3	11.0	0.4	35	<0.1	0.1	0.3
1144042	Drill Core	5.31	0.40	<0.01	0.39	0.4	93.6	1.1	56	<0.1	6.9	17.2	586	3.73	4.3	13.0	0.3	31	<0.1	0.1	0.4
1144043	Drill Core	4.52	0.88	<0.01	0.19	0.3	30.4	1.2	43	<0.1	6.9	13.1	447	3.62	4.4	7.5	0.4	43	<0.1	0.1	0.1
1144044	Drill Core	3.68	1.11	<0.01	1.15	0.2	352.7	1.5	68	0.2	7.6	14.1	582	4.00	6.2	31.5	0.4	38	<0.1	0.1	0.9
1144045	Rock Pulp	3.06	1.56	<0.01	0.21	10.3	159.5	11.6	43	0.1	7.4	5.3	213	1.75	2.1	6.2	3.2	43	<0.1	0.1	0.1
1144046	Drill Core	3.81	0.97	<0.01	1.06	0.2	139.3	1.6	26	0.1	7.5	20.9	432	3.70	4.5	19.2	0.5	48	<0.1	0.1	0.4
1144047	Drill Core	2.32	1.08	<0.01	0.41	0.3	405.6	1.8	29	<0.1	6.3	13.2	454	3.69	3.2	28.9	0.5	78	<0.1	0.2	0.2
1144048	Drill Core	2.41	1.16	<0.01	0.84	0.8	131.1	2.2	34	<0.1	6.7	18.7	456	4.11	4.1	25.8	0.5	71	<0.1	<0.1	0.3
1144049	Rock	3.05	2.04	<0.01	<0.05	0.5	8.8	1.8	49	<0.1	0.9	2.2	317	1.36	<0.5	3.9	6.6	19	<0.1	<0.1	<0.1
1144050	Drill Core	2.29	1.11	<0.01	1.47	0.9	142.8	2.4	35	<0.1	6.8	24.5	555	4.54	4.4	16.8	0.3	79	<0.1	0.1	0.3
1144051	Drill Core	2.54	1.07	<0.01	0.26	0.5	105.4	1.8	51	<0.1	5.1	12.7	705	4.88	4.4	14.9	0.4	106	<0.1	0.1	0.1
1144052	Drill Core	2.67	0.95	<0.01	1.04	0.5	379.4	1.4	46	0.2	5.6	19.4	662	4.98	5.8	22.7	0.5	76	0.1	0.1	0.6
1144053	Drill Core	2.67	0.94	<0.01	1.02	0.7	452.4	1.3	52	0.2	4.4	19.1	720	5.32	4.5	17.4	0.5	78	<0.1	0.1	0.6
1144054	Drill Core	2.26	1.03	<0.01	1.51	0.5	413.5	1.5	51	0.1	6.6	19.6	646	5.06	6.9	24.2	0.5	70	<0.1	<0.1	0.6
1144055	Drill Core	1.34	1.45	<0.01	2.36	2.8	90.4	1.4	30	<0.1	5.7	21.0	462	3.83	4.9	13.1	0.4	54	<0.1	<0.1	0.6
1144056	Drill Core	1.14	1.32	<0.01	1.31	1.6	368.7	1.6	59	0.2	12.8	29.7	678	5.20	6.3	37.9	0.3	187	0.2	<0.1	0.9
1144057 Dup of 1144056	CORE DUP	1.13	1.37	<0.01	1.30	1.3	363.2	1.6	58	0.2	11.6	29.9	679	5.27	5.7	39.6	0.3	183	<0.1	<0.1	0.8
1144058	Drill Core	1.15	1.26	<0.01	1.05	1.1	219.9	2.2	44	<0.1	11.6	15.9	494	3.17	6.1	12.4	0.9	143	<0.1	0.3	0.5
1144059	Drill Core	2.54	1.38	<0.01	1.44	0.7	60.6	1.9	15	<0.1	5.4	8.3	338	1.82	13.2	8.4	1.9	97	<0.1	<0.1	0.3
1144060	Drill Core	2.49	1.17	<0.01	0.97	6.7	30.9	2.8	15	<0.1	5.0	6.0	283	1.34	10.0	2.5	2.0	58	0.1	0.1	0.3

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144031	Drill Core	156	2.71	0.096	3	21	2.41	209	0.113	<20	2.20	0.137	0.07	0.2	<0.01	14.5	<0.1	1.22	8	<0.5	0.7
1144032	Drill Core	146	3.05	0.092	3	21	2.00	114	0.078	<20	1.83	0.113	0.06	0.1	<0.01	16.3	<0.1	1.13	7	<0.5	0.5
1144033	Drill Core	78	3.34	0.099	5	14	1.46	30	<0.001	<20	1.14	0.052	0.14	<0.1	<0.01	13.8	<0.1	3.66	3	1.8	1.3
1144034 Dup of 1144033	CORE DUP	79	3.03	0.109	4	12	1.40	23	<0.001	<20	1.08	0.052	0.13	<0.1	0.01	13.6	<0.1	3.24	3	1.2	0.9
1144035	Drill Core	64	8.08	0.058	5	5	3.21	24	0.001	<20	0.48	0.028	0.11	0.1	<0.01	6.6	<0.1	2.98	1	1.5	1.2
1144036	Drill Core	28	4.04	0.104	3	3	1.49	36	<0.001	<20	0.78	0.013	0.19	0.4	<0.01	2.9	<0.1	2.14	2	1.4	1.0
1144037	Drill Core	36	3.88	0.112	4	4	1.59	47	0.001	<20	1.17	0.015	0.21	0.1	<0.01	3.7	<0.1	2.54	3	3.0	0.7
1144038	Drill Core	50	6.15	0.087	4	5	2.32	79	0.002	<20	1.27	0.024	0.17	0.1	<0.01	5.0	<0.1	1.10	3	1.7	0.6
1144039	Drill Core	88	2.21	0.109	6	10	1.72	130	0.002	<20	2.26	0.050	0.14	<0.1	0.02	8.1	<0.1	0.68	7	<0.5	0.4
1144040	Drill Core	84	2.74	0.112	7	11	1.66	238	0.003	<20	1.91	0.050	0.12	<0.1	<0.01	8.3	<0.1	0.05	7	<0.5	<0.2
1144041	Drill Core	99	2.07	0.108	5	11	1.90	142	0.012	<20	1.89	0.085	0.06	<0.1	<0.01	8.9	<0.1	0.28	9	0.6	<0.2
1144042	Drill Core	91	2.15	0.110	4	10	1.66	51	0.004	<20	1.64	0.087	0.05	<0.1	<0.01	9.4	<0.1	0.36	8	<0.5	<0.2
1144043	Drill Core	77	2.46	0.117	4	9	1.37	54	0.002	<20	1.72	0.068	0.10	<0.1	<0.01	8.4	<0.1	0.18	6	<0.5	<0.2
1144044	Drill Core	78	2.23	0.119	4	10	1.69	111	0.003	<20	1.82	0.053	0.13	0.1	0.01	7.0	<0.1	1.05	7	<0.5	0.4
1144045	Rock Pulp	25	0.83	0.052	10	10	0.40	35	0.021	<20	0.72	0.063	0.13	0.4	<0.01	1.4	<0.1	0.19	4	<0.5	<0.2
1144046	Drill Core	84	2.35	0.117	5	11	1.67	135	0.007	<20	2.00	0.056	0.10	<0.1	<0.01	8.1	<0.1	0.97	8	0.6	0.6
1144047	Drill Core	85	2.97	0.109	6	9	1.65	99	0.003	<20	2.28	0.054	0.14	<0.1	<0.01	7.4	<0.1	0.38	7	<0.5	<0.2
1144048	Drill Core	95	2.38	0.109	5	11	2.38	93	0.014	<20	2.52	0.044	0.12	<0.1	<0.01	7.4	<0.1	0.76	9	0.7	<0.2
1144049	Rock	13	0.21	0.030	11	3	0.24	61	0.064	<20	0.49	0.052	0.24	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1144050	Drill Core	130	3.27	0.120	5	8	2.26	112	0.011	<20	2.43	0.041	0.14	<0.1	<0.01	10.3	<0.1	1.35	8	0.9	<0.2
1144051	Drill Core	163	4.35	0.132	8	8	2.05	44	0.003	<20	2.65	0.050	0.13	<0.1	<0.01	14.4	<0.1	0.23	9	0.5	<0.2
1144052	Drill Core	154	3.38	0.127	9	8	2.16	59	0.003	<20	2.56	0.043	0.13	<0.1	<0.01	11.2	<0.1	0.93	9	<0.5	0.4
1144053	Drill Core	159	3.55	0.127	9	7	2.23	73	0.003	<20	2.61	0.045	0.13	0.1	0.01	11.8	<0.1	0.94	9	<0.5	0.4
1144054	Drill Core	181	2.59	0.129	5	9	2.49	42	0.004	<20	2.70	0.054	0.16	0.2	0.02	14.6	<0.1	1.36	10	0.5	0.5
1144055	Drill Core	97	2.50	0.122	4	6	1.64	58	0.002	<20	1.68	0.020	0.16	0.2	<0.01	8.2	<0.1	2.09	5	1.4	0.4
1144056	Drill Core	146	3.44	0.111	5	12	2.59	144	0.002	<20	3.05	0.026	0.22	<0.1	0.03	14.5	<0.1	1.18	9	0.9	0.4
1144057 Dup of 1144056	CORE DUP	146	3.37	0.115	5	14	2.57	145	0.004	<20	2.98	0.023	0.19	<0.1	0.03	13.8	<0.1	1.16	8	0.8	0.5
1144058	Drill Core	71	2.95	0.074	3	10	1.49	178	<0.001	<20	0.49	0.020	0.15	0.1	0.02	7.9	<0.1	0.96	1	0.7	0.4
1144059	Drill Core	6	2.66	0.055	5	3	0.69	100	<0.001	<20	0.36	0.032	0.15	0.1	<0.01	1.8	<0.1	1.40	1	0.6	0.2
1144060	Drill Core	6	2.34	0.056	3	3	0.45	89	<0.001	<20	0.31	0.033	0.15	0.1	<0.01	0.7	<0.1	0.98	<1	0.7	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144031	Drill Core	0.72	1.31	0.020
1144032	Drill Core	0.98	1.26	0.036
1144033	Drill Core	1.68	3.73	0.050
1144034 Dup of 1144033	CORE DUP	1.63	3.41	0.050
1144035	Drill Core	5.29	3.11	0.022
1144036	Drill Core	2.17	2.23	0.024
1144037	Drill Core	2.02	2.66	0.088
1144038	Drill Core	3.58	1.20	0.147
1144039	Drill Core	0.80	0.72	0.029
1144040	Drill Core	1.14	0.05	<0.005
1144041	Drill Core	0.94	0.30	0.010
1144042	Drill Core	1.04	0.36	0.010
1144043	Drill Core	1.26	0.18	<0.005
1144044	Drill Core	1.05	1.14	0.042
1144045	Rock Pulp	0.19	0.20	<0.005
1144046	Drill Core	0.80	1.01	0.018
1144047	Drill Core	1.00	0.40	0.034
1144048	Drill Core	0.84	0.83	0.025
1144049	Rock	<0.02	<0.02	<0.005
1144050	Drill Core	1.09	1.44	0.016
1144051	Drill Core	1.50	0.24	0.017
1144052	Drill Core	1.10	1.01	0.025
1144053	Drill Core	1.18	0.99	0.024
1144054	Drill Core	0.82	1.44	0.030
1144055	Drill Core	0.88	2.23	0.018
1144056	Drill Core	1.42	1.24	0.042
1144057 Dup of 1144056	CORE DUP	1.46	1.24	0.039
1144058	Drill Core	2.26	1.01	0.013
1144059	Drill Core	1.23	1.37	0.009
1144060	Drill Core	0.93	0.94	0.007

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144061	Drill Core	7.21	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.001	0.03	2.91	<0.02	0.01	<0.001	<0.01	<0.01	1.59	0.06	0.002	0.87	7.53
1144062	Drill Core	5.05	<0.001	0.010	<0.02	<0.01	<2	0.001	0.001	0.03	1.87	<0.02	0.02	<0.001	<0.01	<0.01	1.79	0.06	0.001	0.66	6.24
1144063	Drill Core	7.15	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.64	<0.02	<0.01	<0.001	<0.01	<0.01	0.90	0.06	0.002	0.72	6.46
1144064	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.16	<0.02	0.05	<0.001	<0.01	<0.01	1.83	0.06	0.001	0.52	7.24
1144065	Drill Core	8.36	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.61	<0.02	0.03	<0.001	<0.01	<0.01	1.91	0.06	0.001	0.73	7.15
1144066	Drill Core	7.69	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.001	0.02	1.87	<0.02	0.02	<0.001	<0.01	<0.01	2.00	0.05	0.002	0.61	6.09
1144067	Drill Core	6.10	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.02	2.22	<0.02	0.03	<0.001	<0.01	<0.01	2.22	0.05	0.001	0.82	6.17
1144068	Drill Core	6.07	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.87	<0.02	0.03	<0.001	<0.01	<0.01	2.06	0.06	0.002	0.88	6.86
1144069	Drill Core	5.99	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.04	<0.02	0.03	<0.001	<0.01	<0.01	2.01	0.06	0.002	0.81	7.31
1144070	Drill Core	6.72	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.08	<0.02	0.04	<0.001	<0.01	<0.01	2.25	0.06	0.002	0.87	7.86
1144071	Rock	4.07	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.64	<0.02	0.06	<0.001	<0.01	<0.01	1.72	0.04	0.001	0.26	7.09
1144072	Drill Core	7.78	<0.001	0.021	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.96	<0.02	0.04	<0.001	<0.01	<0.01	2.09	0.06	0.002	0.72	7.70
1144073	Drill Core	2.66	<0.001	0.051	<0.02	<0.01	<2	0.001	0.001	0.02	2.44	<0.02	0.04	<0.001	<0.01	<0.01	2.64	0.07	0.002	0.99	9.73
1144074	Drill Core	2.32	<0.001	0.038	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.88	<0.02	0.04	<0.001	<0.01	<0.01	2.13	0.05	0.002	0.79	7.73
1144075	Drill Core	6.47	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.71	<0.02	0.03	<0.001	<0.01	<0.01	2.47	0.06	0.002	0.84	7.49
1144076	Drill Core	7.41	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.65	<0.02	0.02	<0.001	<0.01	<0.01	2.09	0.05	0.001	0.90	7.26
1144077 Dup of 1144076	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.79	<0.02	0.02	<0.001	<0.01	<0.01	2.17	0.06	0.002	0.94	7.64
1144078	Drill Core	8.03	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.85	<0.02	0.03	<0.001	<0.01	<0.01	2.38	0.05	0.002	0.85	7.33
1144079	Drill Core	8.10	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.26	<0.02	0.02	<0.001	<0.01	<0.01	1.80	0.06	0.001	0.65	7.68
1144080	Drill Core	7.04	<0.001	0.015	<0.02	<0.01	2	<0.001	<0.001	0.02	1.40	<0.02	0.02	<0.001	<0.01	<0.01	1.79	0.06	0.002	0.79	7.68
1144081	Drill Core	8.14	<0.001	0.026	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.19	<0.02	0.03	<0.001	<0.01	<0.01	2.38	0.06	<0.001	0.80	7.29
1144082	Drill Core	7.37	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.10	<0.02	0.03	<0.001	<0.01	<0.01	2.05	0.06	<0.001	0.71	7.82
1144083	Drill Core	4.80	<0.001	0.021	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.98	<0.02	0.03	<0.001	<0.01	<0.01	2.82	0.07	0.001	0.69	7.65
1144084	Drill Core	5.28	<0.001	0.018	<0.02	<0.01	<2	<0.001	0.001	0.03	1.99	<0.02	0.03	<0.001	<0.01	<0.01	3.28	0.06	0.001	0.75	7.91
1144085	Drill Core	6.33	<0.001	0.013	<0.02	<0.01	<2	0.002	0.002	0.10	6.48	<0.02	0.06	<0.001	<0.01	<0.01	3.06	0.14	0.002	3.10	9.23
1144086	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.42	<0.02	0.05	<0.001	<0.01	<0.01	1.97	0.06	0.001	0.56	7.83
1144087	Drill Core	8.56	<0.001	0.031	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.96	<0.02	0.03	<0.001	<0.01	<0.01	2.44	0.13	<0.001	1.24	9.29
1144088	Drill Core	7.66	<0.001	0.026	<0.02	<0.01	<2	<0.001	0.001	0.02	3.41	<0.02	0.03	<0.001	<0.01	<0.01	2.66	0.14	0.001	1.00	9.64

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144061	Drill Core	1.51	2.40	<0.01	2.48	8.7	11.5	7.5	25	0.5	8.8	12.5	258	2.51	6.3	10.5	2.1	43	0.2	0.2	1.3
1144062	Drill Core	2.75	1.42	<0.01	1.41	8.5	97.6	3.8	20	0.1	7.2	15.8	256	1.67	3.5	4.9	1.9	47	0.1	<0.1	0.4
1144063	Drill Core	0.99	2.19	<0.01	1.15	4.5	28.0	2.3	10	0.2	4.1	7.9	187	1.38	3.5	19.0	2.0	34	0.1	<0.1	0.8
1144064	Rock Pulp	3.01	1.65	<0.01	0.20	10.8	162.1	12.6	43	0.1	6.4	5.5	218	1.80	1.7	1.5	3.2	45	0.1	0.1	0.2
1144065	Drill Core	3.09	1.05	<0.01	1.07	5.1	121.0	2.3	20	0.1	6.3	8.6	226	1.43	2.1	4.9	2.2	77	<0.1	0.1	0.2
1144066	Drill Core	2.99	1.25	<0.01	1.34	1.5	18.9	2.3	18	<0.1	6.2	11.2	198	1.73	6.5	2.9	2.3	72	0.1	0.1	0.1
1144067	Drill Core	3.41	1.13	<0.01	1.66	3.1	12.5	2.9	21	<0.1	7.7	11.5	180	2.14	6.1	3.6	2.5	72	<0.1	<0.1	0.2
1144068	Drill Core	3.33	1.67	<0.01	1.37	5.3	21.6	2.7	17	<0.1	8.5	10.7	167	1.72	4.3	3.9	2.1	86	<0.1	<0.1	0.3
1144069	Drill Core	3.63	1.41	<0.01	1.42	5.1	41.8	2.8	17	<0.1	9.8	10.1	159	1.93	3.6	4.6	2.2	56	<0.1	<0.1	0.2
1144070	Drill Core	3.62	1.39	<0.01	1.25	1.4	179.2	2.8	24	<0.1	6.6	8.2	162	1.85	3.7	4.8	2.2	63	<0.1	<0.1	0.2
1144071	Rock	2.91	2.57	<0.01	<0.05	0.3	9.4	1.6	54	<0.1	1.3	2.7	329	1.59	<0.5	3.7	7.3	24	<0.1	<0.1	<0.1
1144072	Drill Core	3.48	1.48	<0.01	1.32	2.0	208.3	4.1	17	0.3	8.8	10.5	161	1.76	4.0	6.1	2.1	55	0.1	<0.1	0.7
1144073	Drill Core	4.42	1.80	<0.01	1.48	1.9	397.3	4.6	23	0.2	9.0	12.0	182	1.70	2.3	2.9	2.2	50	<0.1	0.1	0.2
1144074	Drill Core	3.49	1.41	<0.01	1.20	1.0	379.0	5.2	23	0.2	8.5	9.6	182	1.70	2.6	3.3	2.2	50	<0.1	0.1	0.3
1144075	Drill Core	3.04	1.82	<0.01	0.97	2.8	87.9	3.5	19	<0.1	6.2	9.1	262	1.39	3.9	4.0	2.1	86	<0.1	<0.1	0.3
1144076	Drill Core	2.89	1.91	<0.01	1.01	2.8	42.3	5.6	19	<0.1	6.7	7.8	272	1.36	2.7	4.7	2.0	53	<0.1	0.1	0.3
1144077 Dup of 1144076	CORE DUP	2.90	1.91	<0.01	1.04	3.3	42.9	5.7	22	<0.1	7.7	8.5	279	1.49	3.0	5.4	2.3	55	<0.1	<0.1	0.3
1144078	Drill Core	2.86	1.89	<0.01	1.16	2.9	53.5	8.3	24	0.1	6.8	9.6	293	1.54	2.8	5.9	2.1	96	0.2	0.2	0.6
1144079	Drill Core	3.12	1.80	<0.01	0.70	0.9	130.4	4.0	14	0.1	6.1	8.1	168	1.00	1.1	2.4	2.2	55	0.1	<0.1	0.3
1144080	Drill Core	2.62	1.91	<0.01	0.79	2.2	152.5	5.5	12	0.1	7.2	8.6	174	1.11	1.6	2.1	2.3	56	<0.1	<0.1	0.3
1144081	Drill Core	3.26	1.59	<0.01	0.52	1.9	247.6	4.2	21	0.2	6.1	5.8	239	0.94	2.3	3.5	2.3	61	<0.1	<0.1	0.2
1144082	Drill Core	3.39	1.56	<0.01	0.47	2.0	74.1	4.7	16	<0.1	5.1	6.0	186	0.86	3.8	1.4	2.6	43	0.2	<0.1	<0.1
1144083	Drill Core	3.38	1.53	<0.01	1.43	2.1	217.5	2.6	15	0.2	7.3	14.2	230	1.72	3.8	11.1	2.5	82	<0.1	<0.1	0.3
1144084	Drill Core	3.05	1.66	<0.01	1.25	2.3	177.3	2.9	13	0.1	6.6	14.4	331	1.66	3.9	11.5	2.4	98	<0.1	<0.1	0.2
1144085	Drill Core	3.22	0.97	<0.01	0.15	1.0	121.8	1.4	77	<0.1	20.2	25.4	936	5.69	1.0	4.5	0.6	236	<0.1	0.2	<0.1
1144086	Rock Pulp	2.93	2.28	<0.01	0.21	10.7	169.5	12.9	46	<0.1	8.4	5.4	230	1.90	2.1	3.3	3.7	48	0.1	<0.1	0.2
1144087	Drill Core	3.88	1.47	<0.01	0.98	3.2	300.6	1.5	25	<0.1	2.8	10.5	247	3.14	3.7	13.3	0.9	79	<0.1	0.1	0.2
1144088	Drill Core	3.96	1.59	<0.01	1.18	5.9	248.7	1.4	24	<0.1	3.1	13.1	191	2.71	3.0	11.2	0.9	62	<0.1	<0.1	0.3

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144061	Drill Core	7	1.49	0.052	3	4	0.47	68	<0.001	<20	0.35	0.021	0.20	0.2	0.01	0.8	<0.1	2.34	1	1.7	0.7
1144062	Drill Core	5	1.74	0.051	2	4	0.42	70	<0.001	<20	0.35	0.036	0.15	0.3	<0.01	0.6	0.2	1.37	1	2.1	0.3
1144063	Drill Core	3	1.09	0.056	2	3	0.26	138	<0.001	<20	0.31	0.017	0.19	0.2	0.01	0.5	<0.1	1.18	<1	1.2	0.5
1144064	Rock Pulp	27	0.84	0.056	11	11	0.41	36	0.022	<20	0.78	0.065	0.14	0.5	<0.01	1.4	<0.1	0.20	4	<0.5	<0.2
1144065	Drill Core	9	1.67	0.051	5	7	0.50	101	<0.001	<20	0.50	0.040	0.13	0.2	<0.01	0.9	<0.1	1.06	2	0.7	<0.2
1144066	Drill Core	11	1.93	0.052	3	5	0.48	191	<0.001	<20	0.43	0.040	0.14	0.2	0.01	1.7	<0.1	1.33	2	1.4	<0.2
1144067	Drill Core	15	2.02	0.049	3	6	0.72	170	<0.001	<20	0.51	0.048	0.14	0.1	<0.01	1.7	<0.1	1.64	2	1.9	0.3
1144068	Drill Core	10	1.90	0.051	3	4	0.66	255	<0.001	<20	0.40	0.045	0.16	<0.1	<0.01	1.3	<0.1	1.31	1	0.8	0.3
1144069	Drill Core	13	1.77	0.055	4	7	0.63	111	<0.001	<20	0.46	0.055	0.14	<0.1	<0.01	1.9	<0.1	1.36	2	1.0	<0.2
1144070	Drill Core	14	1.83	0.051	6	10	0.70	150	0.001	<20	0.56	0.054	0.14	<0.1	<0.01	2.5	<0.1	1.19	2	0.9	<0.2
1144071	Rock	15	0.22	0.033	14	6	0.27	76	0.077	<20	0.61	0.078	0.31	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1144072	Drill Core	12	1.63	0.054	7	7	0.56	122	0.001	<20	0.43	0.052	0.14	<0.1	<0.01	2.6	<0.1	1.27	1	<0.5	<0.2
1144073	Drill Core	15	1.64	0.053	7	10	0.62	102	0.001	<20	0.52	0.048	0.13	0.1	<0.01	2.5	<0.1	1.13	2	1.0	<0.2
1144074	Drill Core	15	1.65	0.052	7	10	0.63	100	0.001	<20	0.49	0.047	0.13	0.1	<0.01	2.4	<0.1	1.16	2	<0.5	<0.2
1144075	Drill Core	9	2.24	0.049	6	4	0.60	269	<0.001	<20	0.33	0.043	0.16	0.1	0.01	2.0	<0.1	0.92	<1	<0.5	<0.2
1144076	Drill Core	9	1.93	0.050	5	3	0.64	143	<0.001	<20	0.30	0.041	0.17	0.1	<0.01	1.4	<0.1	0.97	<1	0.7	<0.2
1144077 Dup of 1144076	CORE DUP	9	1.98	0.051	6	5	0.67	160	<0.001	<20	0.32	0.043	0.17	0.1	<0.01	1.6	<0.1	0.99	<1	<0.5	0.2
1144078	Drill Core	9	2.11	0.046	6	5	0.60	159	<0.001	<20	0.30	0.042	0.16	0.1	<0.01	1.2	<0.1	1.06	<1	0.9	<0.2
1144079	Drill Core	5	1.62	0.052	6	5	0.39	99	<0.001	<20	0.30	0.042	0.15	0.2	<0.01	1.1	<0.1	0.67	<1	1.0	0.2
1144080	Drill Core	5	1.59	0.049	9	5	0.40	213	<0.001	<20	0.31	0.039	0.16	0.3	<0.01	1.1	<0.1	0.77	<1	<0.5	<0.2
1144081	Drill Core	9	2.09	0.051	17	7	0.57	288	<0.001	<20	0.39	0.044	0.14	0.1	<0.01	1.5	<0.1	0.48	1	0.9	<0.2
1144082	Drill Core	8	1.64	0.050	6	5	0.45	40	<0.001	<20	0.32	0.049	0.15	0.3	<0.01	1.4	<0.1	0.44	<1	<0.5	<0.2
1144083	Drill Core	18	2.38	0.062	8	7	0.52	147	<0.001	<20	0.53	0.047	0.15	0.2	<0.01	2.6	<0.1	1.36	2	<0.5	<0.2
1144084	Drill Core	16	2.80	0.057	8	7	0.56	182	<0.001	<20	0.53	0.044	0.16	0.1	<0.01	3.1	<0.1	1.15	2	1.3	<0.2
1144085	Drill Core	107	2.69	0.121	11	19	2.87	449	0.003	<20	3.03	0.040	0.12	<0.1	<0.01	9.3	<0.1	0.13	11	<0.5	<0.2
1144086	Rock Pulp	26	0.89	0.056	11	11	0.43	36	0.016	<20	0.76	0.067	0.14	0.4	<0.01	1.4	<0.1	0.21	4	<0.5	<0.2
1144087	Drill Core	28	1.81	0.115	7	5	1.04	205	0.008	<20	1.32	0.062	0.18	0.4	<0.01	2.8	<0.1	0.91	6	1.8	<0.2
1144088	Drill Core	24	1.98	0.127	7	4	0.79	135	0.005	<20	1.23	0.063	0.19	0.3	<0.01	2.9	0.1	1.08	5	1.1	<0.2

CERTIFICATE OF ANALYSIS

SMI13000354.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144061	Drill Core	0.69	2.27	0.013
1144062	Drill Core	0.74	1.35	0.008
1144063	Drill Core	0.41	1.13	0.023
1144064	Rock Pulp	0.19	0.21	<0.005
1144065	Drill Core	0.60	1.02	0.010
1144066	Drill Core	0.73	1.07	<0.005
1144067	Drill Core	0.85	1.47	0.005
1144068	Drill Core	0.86	1.30	0.006
1144069	Drill Core	0.75	1.29	<0.005
1144070	Drill Core	0.79	1.22	0.007
1144071	Rock	<0.02	<0.02	<0.005
1144072	Drill Core	0.69	1.28	0.007
1144073	Drill Core	0.67	1.17	0.010
1144074	Drill Core	0.67	1.18	0.007
1144075	Drill Core	1.02	0.91	<0.005
1144076	Drill Core	0.95	0.99	0.008
1144077 Dup of 1144076	CORE DUP	0.97	0.98	0.006
1144078	Drill Core	0.99	1.11	0.005
1144079	Drill Core	0.68	0.69	<0.005
1144080	Drill Core	0.68	0.75	0.005
1144081	Drill Core	0.89	0.51	0.006
1144082	Drill Core	0.74	0.44	<0.005
1144083	Drill Core	0.87	1.36	0.011
1144084	Drill Core	1.05	1.16	0.009
1144085	Drill Core	0.86	0.13	<0.005
1144086	Rock Pulp	0.21	0.19	<0.005
1144087	Drill Core	0.57	0.94	0.018
1144088	Drill Core	0.59	1.13	0.014

QUALITY CONTROL REPORT

SMI13000354.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pulp Duplicates																					
1144004	Drill Core	8.19	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.002	0.08	6.56	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.11	0.003	3.11	8.47
REP 1144004	QC																				
1144009	Drill Core	7.57	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.37	<0.02	0.02	<0.001	<0.01	<0.01	1.88	0.06	0.002	0.89	6.55
REP 1144009	QC																				
1144025	Drill Core	7.57	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.10	6.77	<0.02	0.05	<0.001	<0.01	<0.01	4.92	0.12	0.002	3.21	9.01
REP 1144025	QC		<0.001	0.009	<0.02	<0.01	<2	0.001	0.002	0.10	6.85	<0.02	0.05	<0.001	<0.01	<0.01	4.86	0.12	0.003	3.17	9.02
1144039	Drill Core	4.13	<0.001	0.008	<0.02	<0.01	<2	<0.001	0.002	0.07	5.23	<0.02	0.02	<0.001	<0.01	<0.01	2.70	0.13	0.002	2.18	8.94
REP 1144039	QC																				
1144044	Drill Core	6.66	<0.001	0.035	<0.02	<0.01	<2	<0.001	0.001	0.06	4.96	<0.02	0.02	<0.001	<0.01	<0.01	2.61	0.12	0.001	1.93	7.80
REP 1144044	QC																				
1144056	Drill Core	7.68	<0.001	0.037	<0.02	<0.01	<2	0.002	0.003	0.07	6.59	<0.02	0.02	<0.001	<0.01	<0.01	3.81	0.13	0.002	2.98	8.70
REP 1144056	QC																				
1144060	Drill Core	7.25	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.69	<0.02	0.02	<0.001	<0.01	<0.01	2.42	0.06	0.001	0.77	6.37
REP 1144060	QC		<0.001	0.003	<0.02	<0.01	<2	0.001	<0.001	0.03	1.70	<0.02	0.02	<0.001	<0.01	<0.01	2.46	0.06	0.001	0.78	6.66
1144074	Drill Core	2.32	<0.001	0.038	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.88	<0.02	0.04	<0.001	<0.01	<0.01	2.13	0.05	0.002	0.79	7.73
REP 1144074	QC																				
1144079	Drill Core	8.10	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.26	<0.02	0.02	<0.001	<0.01	<0.01	1.80	0.06	0.001	0.65	7.68
REP 1144079	QC																				
1144088	Drill Core	7.66	<0.001	0.026	<0.02	<0.01	<2	<0.001	0.001	0.02	3.41	<0.02	0.03	<0.001	<0.01	<0.01	2.66	0.14	0.001	1.00	9.64
REP 1144088	QC		<0.001	0.025	<0.02	<0.01	2	<0.001	0.001	0.02	3.36	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.14	<0.001	0.98	9.27
Core Reject Duplicates																					
1144030	Drill Core	3.71	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.09	6.00	<0.02	0.05	<0.001	<0.01	<0.01	4.51	0.11	0.003	3.00	8.50
DUP 1144030	QC		<0.001	0.007	<0.02	<0.01	<2	<0.001	0.002	0.09	6.08	<0.02	0.05	<0.001	<0.01	<0.01	4.58	0.11	0.003	3.01	8.50
1144068	Drill Core	6.07	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.87	<0.02	0.03	<0.001	<0.01	<0.01	2.06	0.06	0.002	0.88	6.86
DUP 1144068	QC		<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.89	<0.02	0.03	<0.001	<0.01	<0.01	2.15	0.06	0.002	0.89	6.97
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.215	0.48	3.09	44	0.002	0.017	0.09	17.51	<0.02	<0.01	0.010	<0.01	0.01	0.73	0.02	0.002	1.25	4.36
STD CDN-ME-9	Standard		<0.001	0.672	<0.02	0.01	3	1.012	0.019	0.12	14.07	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.07	0.029	3.98	6.63

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Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
1144004	Drill Core	2.80	0.73	<0.01	2.55	0.6	195.4	1.0	46	0.1	10.0	20.8	687	5.27	10.1	12.5	0.3	64	<0.1	0.2	1.3
REP 1144004	QC					0.5	196.2	0.9	49	0.1	10.8	22.2	686	5.27	10.9	14.6	0.3	61	<0.1	0.2	1.2
1144009	Drill Core	3.76	0.97	<0.01	1.21	3.9	70.6	0.8	19	<0.1	7.5	6.4	282	1.99	6.6	3.5	2.2	36	<0.1	<0.1	0.8
REP 1144009	QC																				
1144025	Drill Core	2.58	0.72	<0.01	0.56	0.6	83.5	1.6	21	<0.1	8.4	15.5	434	4.88	8.1	8.2	0.3	133	<0.1	0.9	0.4
REP 1144025	QC	2.59	0.72	<0.01	0.56																
1144039	Drill Core	2.29	1.23	<0.01	0.76	0.7	75.0	1.9	51	0.2	6.6	18.8	629	3.95	5.7	33.2	0.3	62	<0.1	<0.1	0.4
REP 1144039	QC					0.9	77.8	2.2	48	0.2	7.4	19.2	645	4.07	6.0	29.5	0.3	62	<0.1	<0.1	0.4
1144044	Drill Core	3.68	1.11	<0.01	1.15	0.2	352.7	1.5	68	0.2	7.6	14.1	582	4.00	6.2	31.5	0.4	38	<0.1	0.1	0.9
REP 1144044	QC																				
1144056	Drill Core	1.14	1.32	<0.01	1.31	1.6	368.7	1.6	59	0.2	12.8	29.7	678	5.20	6.3	37.9	0.3	187	0.2	<0.1	0.9
REP 1144056	QC																				
1144060	Drill Core	2.49	1.17	<0.01	0.97	6.7	30.9	2.8	15	<0.1	5.0	6.0	283	1.34	10.0	2.5	2.0	58	0.1	0.1	0.3
REP 1144060	QC	2.51	1.18	<0.01	0.97																
1144074	Drill Core	3.49	1.41	<0.01	1.20	1.0	379.0	5.2	23	0.2	8.5	9.6	182	1.70	2.6	3.3	2.2	50	<0.1	0.1	0.3
REP 1144074	QC					1.1	373.1	5.0	23	0.2	8.1	10.5	179	1.70	2.7	3.1	2.2	51	<0.1	<0.1	0.3
1144079	Drill Core	3.12	1.80	<0.01	0.70	0.9	130.4	4.0	14	0.1	6.1	8.1	168	1.00	1.1	2.4	2.2	55	0.1	<0.1	0.3
REP 1144079	QC																				
1144088	Drill Core	3.96	1.59	<0.01	1.18	5.9	248.7	1.4	24	<0.1	3.1	13.1	191	2.71	3.0	11.2	0.9	62	<0.1	<0.1	0.3
REP 1144088	QC	3.81	1.54	<0.01	1.16																
Core Reject Duplicates																					
1144030	Drill Core	3.21	0.64	<0.01	1.37	0.3	59.2	1.9	42	<0.1	9.2	17.9	705	4.78	10.1	17.9	0.2	97	<0.1	0.3	0.7
DUP 1144030	QC	3.22	0.64	<0.01	1.43	0.4	64.6	1.7	38	0.1	9.0	18.3	709	4.77	9.9	21.0	0.3	98	0.1	0.3	0.8
1144068	Drill Core	3.33	1.67	<0.01	1.37	5.3	21.6	2.7	17	<0.1	8.5	10.7	167	1.72	4.3	3.9	2.1	86	<0.1	<0.1	0.3
DUP 1144068	QC	3.29	1.47	<0.01	1.36	4.5	20.9	2.6	18	<0.1	7.7	10.3	173	1.73	4.1	4.8	2.1	88	<0.1	0.1	0.3
Reference Materials																					
STD CDN-ME-14	Standard	0.52	1.70	<0.01	15.31																
STD CDN-ME-9	Standard	1.87	0.65	<0.01	2.64																

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
1144004	Drill Core	127	2.98	0.095	3	21	2.72	62	0.033	<20	2.47	0.068	0.10	<0.1	<0.01	15.7	<0.1	2.25	9	1.6	0.7
REP 1144004	QC	129	2.94	0.095	4	20	2.72	63	0.033	<20	2.47	0.067	0.10	<0.1	<0.01	15.8	<0.1	2.25	9	0.6	0.7
1144009	Drill Core	22	1.73	0.054	8	12	0.71	131	<0.001	<20	0.87	0.053	0.14	<0.1	<0.01	2.3	<0.1	1.10	4	0.7	0.5
REP 1144009	QC																				
1144025	Drill Core	158	1.80	0.099	3	21	1.80	67	0.145	<20	2.70	0.294	0.09	0.2	<0.01	5.0	<0.1	0.51	7	0.8	<0.2
REP 1144025	QC																				
1144039	Drill Core	88	2.21	0.109	6	10	1.72	130	0.002	<20	2.26	0.050	0.14	<0.1	0.02	8.1	<0.1	0.68	7	<0.5	0.4
REP 1144039	QC	90	2.23	0.114	6	11	1.76	136	0.002	<20	2.31	0.053	0.15	<0.1	0.02	8.6	<0.1	0.68	7	<0.5	0.4
1144044	Drill Core	78	2.23	0.119	4	10	1.69	111	0.003	<20	1.82	0.053	0.13	0.1	0.01	7.0	<0.1	1.05	7	<0.5	0.4
REP 1144044	QC																				
1144056	Drill Core	146	3.44	0.111	5	12	2.59	144	0.002	<20	3.05	0.026	0.22	<0.1	0.03	14.5	<0.1	1.18	9	0.9	0.4
REP 1144056	QC																				
1144060	Drill Core	6	2.34	0.056	3	3	0.45	89	<0.001	<20	0.31	0.033	0.15	0.1	<0.01	0.7	<0.1	0.98	<1	0.7	<0.2
REP 1144060	QC																				
1144074	Drill Core	15	1.65	0.052	7	10	0.63	100	0.001	<20	0.49	0.047	0.13	0.1	<0.01	2.4	<0.1	1.16	2	<0.5	<0.2
REP 1144074	QC	15	1.63	0.049	7	10	0.62	106	0.001	<20	0.47	0.046	0.13	<0.1	<0.01	2.5	<0.1	1.15	2	1.0	<0.2
1144079	Drill Core	5	1.62	0.052	6	5	0.39	99	<0.001	<20	0.30	0.042	0.15	0.2	<0.01	1.1	<0.1	0.67	<1	1.0	0.2
REP 1144079	QC																				
1144088	Drill Core	24	1.98	0.127	7	4	0.79	135	0.005	<20	1.23	0.063	0.19	0.3	<0.01	2.9	0.1	1.08	5	1.1	<0.2
REP 1144088	QC																				
Core Reject Duplicates																					
1144030	Drill Core	163	2.69	0.099	3	19	2.55	206	0.112	<20	2.27	0.129	0.07	0.1	<0.01	15.0	<0.1	1.23	7	<0.5	0.5
DUP 1144030	QC	161	2.73	0.097	4	19	2.51	192	0.111	<20	2.23	0.126	0.06	0.2	<0.01	14.8	<0.1	1.27	8	0.8	0.5
1144068	Drill Core	10	1.90	0.051	3	4	0.66	255	<0.001	<20	0.40	0.045	0.16	<0.1	<0.01	1.3	<0.1	1.31	1	0.8	0.3
DUP 1144068	QC	10	1.92	0.055	3	4	0.68	267	<0.001	<20	0.41	0.044	0.16	0.1	<0.01	1.3	<0.1	1.30	1	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
1144004	Drill Core	0.89	2.50 0.023
REP 1144004	QC		
1144009	Drill Core	0.54	1.15 0.010
REP 1144009	QC	0.52	1.13
1144025	Drill Core	0.19	0.52 0.020
REP 1144025	QC		
1144039	Drill Core	0.80	0.72 0.029
REP 1144039	QC		
1144044	Drill Core	1.05	1.14 0.042
REP 1144044	QC	1.04	1.15
1144056	Drill Core	1.42	1.24 0.042
REP 1144056	QC		0.041
1144060	Drill Core	0.93	0.94 0.007
REP 1144060	QC		
1144074	Drill Core	0.67	1.18 0.007
REP 1144074	QC		
1144079	Drill Core	0.68	0.69 <0.005
REP 1144079	QC	0.70	0.68
1144088	Drill Core	0.59	1.13 0.014
REP 1144088	QC		
Core Reject Duplicates			
1144030	Drill Core	0.74	1.35 0.022
DUP 1144030	QC	0.76	1.42 0.018
1144068	Drill Core	0.86	1.30 0.006
DUP 1144068	QC	0.90	1.27 0.007
Reference Materials			
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		



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Project: 204920
 Report Date: November 12, 2013

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD CDN-ME-14	Standard		0.001	1.210	0.50	3.05	43	0.002	0.018	0.09	17.57	<0.02	<0.01	0.009	<0.01	0.01	0.74	0.02	0.003	1.27	4.27
STD CDN-ME-9	Standard		<0.001	0.677	<0.02	0.01	3	0.964	0.018	0.12	14.22	<0.02	0.03	<0.001	<0.01	<0.01	4.26	0.06	0.031	4.06	6.67
STD CDN-ME-14	Standard		0.002	1.216	0.51	3.07	43	0.002	0.017	0.09	17.46	<0.02	<0.01	0.010	<0.01	<0.01	0.75	0.02	0.002	1.29	4.38
STD CDN-ME-9	Standard		<0.001	0.676	<0.02	0.01	5	0.960	0.018	0.12	14.13	<0.02	0.03	<0.001	<0.01	<0.01	4.26	0.06	0.030	4.06	6.71
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					

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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Project: 204920
 Report Date: November 12, 2013

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-14	Standard	0.51	1.42	<0.01	15.90																	
STD CDN-ME-9	Standard	1.82	0.64	<0.01	2.56																	
STD CDN-ME-14	Standard	0.52	1.69	<0.01	15.67																	
STD CDN-ME-9	Standard	1.83	0.65	<0.01	2.62																	
STD DS10	Standard					12.7	143.0	145.2	344	1.6	68.9	12.7	826	2.59	43.9	57.0	6.8	62	2.3	7.4	10.2	
STD DS10	Standard					12.2	158.0	158.8	362	2.3	76.1	13.1	896	2.70	44.6	88.3	7.0	68	2.4	7.1	12.9	
STD DS10	Standard					12.6	152.5	155.1	374	1.8	84.0	13.4	880	2.63	45.7	60.2	7.4	67	2.5	7.4	12.1	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.2	690.1	14.1	27	0.3	364.5	50.6	395	22.05	10.2	67.4	10.6	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.2	651.5	14.2	26	0.2	353.7	47.4	386	21.99	8.4	47.8	9.9	4	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.1	627.7	14.0	26	0.4	352.6	48.4	397	22.47	7.3	48.0	10.3	4	<0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	

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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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000354.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD CDN-ME-14	Standard	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	43	1.01	0.070	14	49	0.74	362	0.068	<20	0.95	0.063	0.31	2.6	0.28	2.6	4.5	0.28	4	2.4	4.3
STD DS10	Standard	42	1.04	0.078	15	55	0.76	390	0.071	<20	1.01	0.064	0.33	2.5	0.27	2.6	5.3	0.28	4	2.7	5.6
STD DS10	Standard	42	1.04	0.075	15	55	0.76	372	0.068	<20	0.97	0.063	0.33	2.7	0.28	2.6	4.9	0.29	4	1.9	6.0
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	291	0.04	0.027	7	823	0.09	138	0.089	<20	2.94	0.023	0.05	<0.1	0.02	80.7	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	284	0.04	0.028	6	792	0.09	142	0.083	<20	2.84	0.018	0.05	<0.1	<0.01	71.3	<0.1	<0.05	11	0.6	<0.2
STD OREAS45EA	Standard	307	0.04	0.027	6	793	0.09	145	0.082	<20	2.82	0.016	0.05	<0.1	<0.01	74.7	<0.1	<0.05	12	0.9	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89

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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.99	2.35	
STD GS311-1	Standard	0.97	2.33	
STD GS311-1	Standard	0.93	2.26	
STD GS910-4	Standard	2.56	8.29	
STD GS910-4	Standard	2.54	8.33	
STD GS910-4	Standard	2.65	7.82	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.198
STD OXC109	Standard			0.200
STD OXC109	Standard			0.198
STD OXC109	Standard			0.202
STD OXI96	Standard			1.760
STD OXI96	Standard			1.702
STD OXI96	Standard			1.736
STD OXI96	Standard			1.713
STD OXL93	Standard			5.809
STD OXL93	Standard			5.746
STD OXL93	Standard			5.619
STD OXL93	Standard			5.634
STD DS10 Expected				



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QUALITY CONTROL REPORT

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	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD OREAS45EA Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank																				
G1-SMI	Prep Blank																				

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QUALITY CONTROL REPORT

SMI13000354.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.52	1.87	<0.01	<0.05	0.2	2.5	2.4	43	<0.1	4.6	4.1	561	2.03	<0.5	<0.5	4.5	57	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.60	1.40	<0.01	<0.05	0.2	3.2	2.3	44	<0.1	4.6	4.1	562	2.02	<0.5	<0.5	4.2	55	<0.1	<0.1	<0.1	



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QUALITY CONTROL REPORT

SMI13000354.1

	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
STD OREAS45EA Expected	303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK Blank																					
BLK Blank																					
BLK Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
Prep Wash																					
G1-SMI Prep Blank	35	0.39	0.072	8	12	0.55	223	0.114	<20	0.93	0.081	0.50	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	
G1-SMI Prep Blank	34	0.36	0.070	9	11	0.54	222	0.112	<20	0.91	0.077	0.49	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2	

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QUALITY CONTROL REPORT

SMI13000354.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OREAS45EA	Expected			
STD OXC109	Expected			0.201
STD OXI96	Expected			1.802
STD OXL93	Expected			5.841
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000357.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_004
P.O. Number
Number of Samples: 128

SAMPLE DISPOSAL

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

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

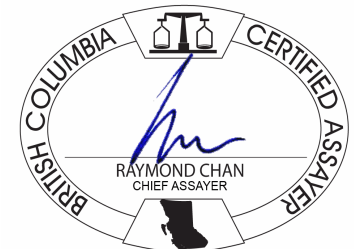
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	122	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	4	Split samples by riffle splitter			SMI
P200	4	Pulverize to 85% passing 200 mesh			VAN
7TD2	128	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	128	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	128	Analysis by Leco	0.1	Completed	VAN
G6	128	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322251	Drill Core	3.92	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.37	<0.02	0.03	<0.001	<0.01	<0.01	2.32	0.11	0.002	1.53	7.48
2322252	Drill Core	11.00	<0.001	0.015	<0.02	<0.01	<2	0.001	0.002	0.10	6.08	<0.02	0.04	<0.001	<0.01	<0.01	4.32	0.10	0.004	2.76	8.14
2322253	Drill Core	5.93	<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.10	6.39	<0.02	0.03	<0.001	<0.01	<0.01	5.44	0.09	0.004	2.86	7.96
2322254	Rock Pulp	0.15	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.54	<0.02	0.05	<0.001	<0.01	<0.01	2.09	0.07	<0.001	0.68	6.87
2322255	Drill Core	6.07	<0.001	0.013	<0.02	<0.01	<2	0.001	0.003	0.10	6.26	<0.02	0.02	<0.001	<0.01	<0.01	4.45	0.10	0.003	2.35	7.99
2322256	Drill Core	6.63	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.001	0.06	2.80	<0.02	0.01	<0.001	<0.01	<0.01	2.53	0.07	0.002	0.84	5.58
2322257	Rock	4.70	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.56	<0.02	0.05	<0.001	<0.01	<0.01	1.43	0.03	0.001	0.24	6.08
2322258	Drill Core	9.43	<0.001	0.030	<0.02	<0.01	<2	<0.001	0.002	0.07	2.67	<0.02	0.02	<0.001	<0.01	<0.01	2.42	0.06	0.002	0.94	5.69
2322259	Drill Core	8.31	<0.001	0.019	<0.02	<0.01	<2	0.001	0.001	0.07	1.94	<0.02	0.02	<0.001	<0.01	<0.01	2.60	0.06	<0.001	0.99	4.93
2322260	Drill Core	8.43	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.06	1.96	<0.02	0.01	<0.001	<0.01	<0.01	2.46	0.06	0.003	0.85	4.56
2322261	Drill Core	5.67	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.37	<0.02	0.01	<0.001	<0.01	<0.01	2.51	0.05	0.002	0.45	4.90
2322262	Drill Core	2.57	<0.001	0.024	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.49	<0.02	0.02	<0.001	<0.01	<0.01	2.56	0.07	0.002	0.95	5.58
2322263	Drill Core	2.50	<0.001	0.023	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.68	<0.02	0.02	<0.001	<0.01	<0.01	2.79	0.08	0.002	1.06	5.71
2322264	Drill Core	5.46	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.02	<0.02	0.02	<0.001	<0.01	<0.01	2.53	0.05	0.003	0.55	5.19
2322265	Drill Core	5.29	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.03	<0.02	0.02	<0.001	<0.01	<0.01	2.85	0.06	0.002	0.67	5.92
2322266	Drill Core	4.14	<0.001	0.007	<0.02	<0.01	<2	0.001	<0.001	0.05	2.81	<0.02	0.02	<0.001	<0.01	<0.01	2.91	0.07	0.005	1.13	6.54
2322267	Drill Core	5.38	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.98	<0.02	0.02	<0.001	<0.01	<0.01	2.22	0.05	0.002	0.82	5.66
2322268	Drill Core	8.47	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.90	<0.02	0.02	<0.001	<0.01	<0.01	2.17	0.06	0.003	0.75	5.63
2322269	Drill Core	7.10	<0.001	0.026	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.92	<0.02	0.02	<0.001	<0.01	<0.01	2.90	0.06	0.003	0.62	5.76
2322270	Drill Core	6.32	<0.001	0.040	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.84	<0.02	0.02	<0.001	<0.01	<0.01	1.96	0.06	0.003	0.57	6.50
2322271	Drill Core	7.54	<0.001	0.053	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.74	<0.02	0.01	<0.001	<0.01	<0.01	1.43	0.06	0.002	0.79	6.15
2322272	Drill Core	6.57	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.37	<0.02	0.02	<0.001	<0.01	<0.01	1.12	0.07	0.001	0.73	6.54
2322273	Drill Core	8.21	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.51	<0.02	0.01	<0.001	<0.01	<0.01	1.30	0.07	0.003	0.88	6.97
2322274	Drill Core	5.81	<0.001	0.022	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.98	<0.02	0.02	<0.001	<0.01	<0.01	0.84	0.06	0.003	0.90	6.98
2322275	Drill Core	4.63	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.60	<0.02	0.02	<0.001	<0.01	<0.01	1.23	0.06	0.003	0.80	5.96
2322276	Drill Core	6.09	<0.001	0.003	<0.02	<0.01	<2	0.002	0.002	0.11	5.73	<0.02	0.06	<0.001	<0.01	<0.01	5.23	0.16	0.007	3.15	8.46
2322277	Rock	6.35	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.70	<0.02	0.06	<0.001	<0.01	<0.01	1.61	0.04	0.003	0.27	6.33
2322278	Drill Core	4.61	<0.001	0.004	<0.02	<0.01	<2	0.002	0.002	0.12	6.03	<0.02	0.06	<0.001	<0.01	<0.01	5.69	0.16	0.007	3.35	8.46
2322279	Drill Core	5.33	<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.12	5.70	<0.02	0.05	<0.001	<0.01	<0.01	6.08	0.14	0.008	3.30	8.43
2322280	Drill Core	4.00	<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.11	5.82	<0.02	0.03	<0.001	<0.01	<0.01	5.88	0.14	0.007	3.20	8.45

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322251	Drill Core	4.16	1.01	<0.01	<0.05	0.3	12.6	1.0	35	<0.1	4.5	9.1	640	3.65	6.2	2.5	0.6	36	<0.1	0.3	<0.1
2322252	Drill Core	2.72	0.79	<0.01	0.60	0.9	159.5	2.0	48	0.2	12.4	27.0	888	5.14	8.3	52.5	0.4	100	<0.1	0.4	0.7
2322253	Drill Core	2.02	0.95	<0.01	<0.05	0.5	19.0	1.5	52	<0.1	15.5	22.6	925	5.53	5.4	6.0	0.4	139	<0.1	0.4	<0.1
2322254	Rock Pulp	3.15	1.37	<0.01	0.25	43.2	814.6	23.4	57	0.5	9.5	10.0	268	2.45	3.5	4.0	3.3	60	0.2	<0.1	0.3
2322255	Drill Core	2.29	1.38	<0.01	1.70	3.1	130.8	3.0	89	0.5	13.8	35.2	948	5.42	16.8	39.7	0.7	77	<0.1	0.3	1.0
2322256	Drill Core	2.27	1.83	<0.01	1.79	5.7	229.8	1.7	42	0.6	7.5	21.4	568	2.55	12.6	29.2	6.5	37	<0.1	0.1	1.1
2322257	Rock	2.80	2.53	<0.01	<0.05	1.3	10.2	2.4	53	<0.1	1.5	2.5	356	1.51	<0.5	1.5	8.3	23	<0.1	<0.1	<0.1
2322258	Drill Core	2.62	1.69	<0.01	1.89	8.1	312.0	4.9	55	1.2	7.6	28.9	641	2.44	16.1	39.5	4.7	40	<0.1	0.1	1.4
2322259	Drill Core	2.96	1.69	<0.01	1.10	3.1	208.3	6.1	53	0.6	9.3	17.6	709	1.79	10.3	18.2	2.5	45	<0.1	0.1	1.1
2322260	Drill Core	2.80	1.76	<0.01	1.12	0.8	188.2	3.6	66	0.5	8.7	15.9	618	1.87	8.7	18.4	2.5	43	0.2	0.2	1.2
2322261	Drill Core	1.58	2.47	<0.01	1.57	12.2	56.9	3.4	13	0.9	6.6	10.1	426	2.13	4.8	47.4	2.4	71	<0.1	0.1	1.9
2322262	Drill Core	2.96	1.67	<0.01	1.14	3.1	265.4	4.4	42	0.5	9.3	13.3	547	2.25	8.8	12.8	2.4	50	<0.1	0.2	1.1
2322263	Drill Core	2.91	1.69	<0.01	1.27	3.3	243.4	3.6	40	0.4	8.4	15.0	567	2.38	11.2	17.0	2.2	52	<0.1	0.2	1.3
2322264	Drill Core	2.98	1.74	<0.01	0.95	2.2	67.0	1.9	22	0.4	7.6	8.6	460	1.79	11.1	5.8	2.5	50	<0.1	0.1	0.5
2322265	Drill Core	3.15	1.68	<0.01	0.71	3.4	75.9	1.2	23	0.3	7.1	6.6	510	1.69	7.0	7.6	2.4	54	<0.1	<0.1	0.3
2322266	Drill Core	3.53	1.37	<0.01	0.52	2.8	71.8	1.3	41	<0.1	12.1	9.0	438	2.16	6.4	10.8	2.4	54	<0.1	<0.1	0.2
2322267	Drill Core	3.91	1.28	<0.01	0.56	1.7	69.3	1.2	39	<0.1	9.5	6.0	338	1.75	7.3	10.0	2.2	56	<0.1	<0.1	0.3
2322268	Drill Core	3.87	1.30	<0.01	0.72	3.2	73.5	1.4	31	<0.1	8.0	6.0	335	1.67	8.4	8.0	2.1	51	<0.1	0.1	0.4
2322269	Drill Core	3.80	1.45	<0.01	0.84	3.3	273.0	1.5	26	0.1	10.4	6.8	384	1.74	8.3	13.2	2.5	65	<0.1	0.1	0.4
2322270	Drill Core	3.00	1.95	<0.01	1.32	3.4	432.7	3.3	17	0.4	9.0	12.7	309	1.61	10.9	11.7	2.5	40	<0.1	0.2	0.5
2322271	Drill Core	3.31	1.56	<0.01	0.80	5.9	559.2	1.4	12	0.3	4.5	5.2	303	1.37	3.3	9.5	2.7	28	<0.1	0.2	0.4
2322272	Drill Core	3.52	1.41	<0.01	0.56	4.5	109.4	1.0	12	0.2	3.9	4.5	229	0.93	2.6	6.6	2.8	24	<0.1	<0.1	0.3
2322273	Drill Core	2.88	1.64	<0.01	0.45	2.1	63.2	0.8	11	0.2	3.6	3.2	263	0.98	2.5	5.5	2.7	23	<0.1	<0.1	0.4
2322274	Drill Core	4.49	0.99	<0.01	1.22	4.4	234.0	1.7	29	0.3	8.6	13.0	293	1.80	7.1	8.7	2.9	16	<0.1	0.2	0.6
2322275	Drill Core	3.72	0.91	<0.01	0.49	6.2	61.5	1.9	16	<0.1	4.4	4.1	231	1.03	6.4	4.3	2.7	24	<0.1	0.2	0.3
2322276	Drill Core	3.27	0.88	<0.01	0.14	1.1	36.1	2.4	64	<0.1	25.0	26.8	1077	5.04	2.9	0.9	0.9	77	<0.1	0.3	<0.1
2322277	Rock	2.88	2.42	<0.01	<0.05	0.4	13.6	2.0	60	<0.1	1.6	2.9	385	1.68	<0.5	0.7	7.8	29	<0.1	<0.1	<0.1
2322278	Drill Core	3.31	0.70	<0.01	<0.05	0.6	40.2	2.3	65	<0.1	27.9	29.3	1156	5.13	1.7	1.0	0.6	107	<0.1	0.5	<0.1
2322279	Drill Core	3.35	0.63	<0.01	0.06	0.5	31.9	2.4	64	<0.1	33.6	30.3	1118	5.00	1.4	<0.5	0.6	128	0.1	0.5	<0.1
2322280	Drill Core	3.13	0.66	<0.01	0.05	1.1	34.4	3.2	72	<0.1	33.3	31.2	1131	5.11	1.4	1.3	0.6	115	<0.1	0.3	<0.1

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322251	Drill Core	55	1.85	0.110	7	8	1.51	213	0.015	<20	1.61	0.086	0.13	<0.1	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
2322252	Drill Core	153	3.28	0.097	4	29	2.62	225	0.133	<20	3.13	0.238	0.14	0.1	<0.01	15.2	<0.1	0.60	9	<0.5	0.3
2322253	Drill Core	190	4.29	0.095	4	34	2.79	194	0.143	<20	3.90	0.314	0.34	<0.1	<0.01	18.4	<0.1	<0.05	9	<0.5	<0.2
2322254	Rock Pulp	42	0.72	0.075	9	14	0.66	60	0.052	<20	1.08	0.086	0.17	0.9	<0.01	2.6	<0.1	0.26	5	<0.5	<0.2
2322255	Drill Core	125	4.10	0.104	6	27	2.23	112	0.047	<20	2.89	0.129	0.31	0.2	<0.01	12.4	<0.1	1.71	8	1.6	0.6
2322256	Drill Core	21	2.67	0.070	8	11	0.71	67	0.001	<20	0.94	0.047	0.21	<0.1	0.02	2.2	<0.1	1.83	3	2.0	1.0
2322257	Rock	14	0.24	0.032	14	7	0.26	76	0.077	<20	0.62	0.082	0.30	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2322258	Drill Core	21	2.51	0.062	8	12	0.79	135	0.001	<20	0.93	0.047	0.19	<0.1	0.01	2.1	<0.1	1.91	3	2.3	1.8
2322259	Drill Core	16	2.81	0.064	9	13	0.91	130	<0.001	<20	0.96	0.056	0.19	<0.1	<0.01	2.6	<0.1	1.14	3	2.1	0.4
2322260	Drill Core	20	2.79	0.064	9	13	0.79	64	0.001	<20	1.00	0.052	0.20	<0.1	<0.01	2.9	<0.1	1.19	3	0.9	0.9
2322261	Drill Core	9	2.70	0.056	5	6	0.28	171	<0.001	<20	0.70	0.033	0.29	0.1	<0.01	1.4	<0.1	1.58	2	1.6	1.3
2322262	Drill Core	20	2.73	0.073	9	8	0.89	162	0.001	<20	1.25	0.054	0.25	0.4	0.01	2.9	<0.1	1.18	4	1.0	0.8
2322263	Drill Core	18	2.96	0.076	8	6	0.94	158	0.001	<20	1.21	0.047	0.22	0.1	<0.01	2.6	<0.1	1.28	4	0.7	0.8
2322264	Drill Core	10	2.69	0.059	10	6	0.44	313	<0.001	<20	0.74	0.049	0.23	1.7	<0.01	2.2	<0.1	0.98	2	0.8	0.3
2322265	Drill Core	12	2.96	0.057	10	6	0.56	425	<0.001	<20	0.85	0.050	0.21	1.3	<0.01	2.5	<0.1	0.69	3	<0.5	<0.2
2322266	Drill Core	35	2.48	0.064	10	20	0.87	381	0.029	<20	1.15	0.071	0.19	0.2	<0.01	3.7	<0.1	0.52	4	<0.5	0.3
2322267	Drill Core	22	2.28	0.057	10	17	0.75	294	0.001	<20	1.05	0.085	0.18	<0.1	0.02	3.0	<0.1	0.56	5	<0.5	0.2
2322268	Drill Core	17	2.29	0.057	8	14	0.68	354	0.001	<20	1.00	0.081	0.18	<0.1	<0.01	2.5	<0.1	0.72	4	1.0	0.4
2322269	Drill Core	18	3.00	0.061	10	13	0.59	239	0.001	<20	0.91	0.083	0.21	<0.1	<0.01	3.6	<0.1	0.86	3	1.4	0.2
2322270	Drill Core	6	2.10	0.060	6	4	0.36	168	<0.001	<20	0.57	0.046	0.21	<0.1	<0.01	1.7	<0.1	1.32	1	2.0	0.3
2322271	Drill Core	3	1.60	0.067	3	5	0.43	204	<0.001	<20	0.40	0.067	0.19	0.1	0.01	0.6	<0.1	0.81	1	1.9	0.3
2322272	Drill Core	5	1.26	0.063	4	6	0.34	333	<0.001	<20	0.43	0.066	0.16	<0.1	<0.01	1.0	<0.1	0.56	1	0.9	<0.2
2322273	Drill Core	4	1.32	0.068	3	7	0.42	170	<0.001	<20	0.42	0.055	0.18	0.1	<0.01	0.6	<0.1	0.45	1	1.0	0.5
2322274	Drill Core	23	0.86	0.062	6	15	0.76	20	0.001	<20	0.83	0.097	0.13	<0.1	<0.01	1.8	<0.1	1.21	3	1.3	0.4
2322275	Drill Core	9	1.28	0.066	4	9	0.42	99	0.001	<20	0.55	0.070	0.11	<0.1	<0.01	1.0	<0.1	0.48	2	0.9	<0.2
2322276	Drill Core	154	4.48	0.154	14	57	3.24	284	0.199	<20	3.17	0.075	0.09	0.2	<0.01	19.0	<0.1	0.12	10	<0.5	<0.2
2322277	Rock	16	0.25	0.035	16	6	0.30	89	0.086	<20	0.70	0.098	0.36	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
2322278	Drill Core	152	4.93	0.149	14	74	3.52	367	0.232	<20	3.47	0.072	0.07	<0.1	<0.01	17.9	<0.1	<0.05	11	<0.5	<0.2
2322279	Drill Core	136	5.24	0.138	12	74	3.40	428	0.153	<20	3.45	0.067	0.08	<0.1	<0.01	18.3	<0.1	<0.05	10	<0.5	<0.2
2322280	Drill Core	120	5.62	0.140	14	65	3.41	278	0.048	<20	3.81	0.050	0.15	<0.1	<0.01	21.0	<0.1	<0.05	11	<0.5	<0.2

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Project: 204920

Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

SMI13000357.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322251	Drill Core	0.44	<0.02	0.008
2322252	Drill Core	0.77	0.60	0.069
2322253	Drill Core	1.02	<0.02	0.006
2322254	Rock Pulp	0.12	0.25	<0.005
2322255	Drill Core	1.14	1.76	0.034
2322256	Drill Core	0.81	1.76	0.024
2322257	Rock	<0.02	<0.02	<0.005
2322258	Drill Core	0.73	1.77	0.030
2322259	Drill Core	0.89	1.14	0.015
2322260	Drill Core	0.81	1.16	0.016
2322261	Drill Core	0.76	1.55	0.042
2322262	Drill Core	0.82	1.13	0.010
2322263	Drill Core	0.97	1.26	0.011
2322264	Drill Core	0.86	0.99	0.005
2322265	Drill Core	0.93	0.73	0.008
2322266	Drill Core	0.71	0.50	0.017
2322267	Drill Core	0.64	0.56	0.014
2322268	Drill Core	0.66	0.68	0.012
2322269	Drill Core	0.86	0.85	0.019
2322270	Drill Core	0.64	1.33	0.016
2322271	Drill Core	0.61	0.81	0.011
2322272	Drill Core	0.40	0.58	0.011
2322273	Drill Core	0.48	0.44	0.011
2322274	Drill Core	0.23	1.20	0.012
2322275	Drill Core	0.34	0.48	0.008
2322276	Drill Core	1.22	0.14	0.007
2322277	Rock	<0.02	<0.02	<0.005
2322278	Drill Core	1.29	0.05	0.006
2322279	Drill Core	1.37	0.06	0.007
2322280	Drill Core	1.52	0.04	0.007

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322281	Drill Core	1.97	<0.001	0.004	<0.02	<0.01	<2	0.001	<0.001	0.05	2.74	<0.02	0.03	<0.001	<0.01	<0.01	2.87	0.07	0.003	1.21	5.51
2322282	Drill Core	1.94	<0.001	0.004	<0.02	<0.01	<2	0.001	<0.001	0.06	2.86	<0.02	0.04	<0.001	<0.01	<0.01	2.94	0.08	0.003	1.26	5.82
2322283	Drill Core	4.19	<0.001	0.022	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.28	<0.02	0.01	<0.001	<0.01	<0.01	1.99	0.06	0.003	0.51	5.97
2322284	Drill Core	6.03	<0.001	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.52	<0.02	0.02	<0.001	<0.01	<0.01	4.14	0.06	<0.001	0.74	7.74
2322285	Drill Core	3.46	<0.001	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.72	<0.02	0.02	<0.001	<0.01	<0.01	2.26	0.06	<0.001	0.64	7.60
2322286	Drill Core	5.10	<0.001	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.07	1.52	<0.02	0.02	<0.001	<0.01	<0.01	2.50	0.05	0.002	0.62	7.66
2322287	Drill Core	3.13	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.06	1.72	<0.02	0.02	<0.001	<0.01	<0.01	2.35	0.06	<0.001	0.75	7.19
2322288	Rock Pulp	0.13	0.016	0.180	<0.02	<0.01	<2	0.002	<0.001	0.07	4.30	<0.02	0.07	<0.001	<0.01	<0.01	2.38	0.08	0.001	0.75	7.91
2322289	Drill Core	4.58	<0.001	0.026	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.70	<0.02	0.01	<0.001	<0.01	<0.01	2.24	0.06	<0.001	0.83	8.03
2322290	Drill Core	4.32	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.05	<0.02	0.02	<0.001	<0.01	<0.01	2.43	0.06	0.001	0.86	7.53
2322291	Drill Core	2.98	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.03	<0.001	<0.01	<0.01	2.36	0.06	0.002	0.92	7.52
2322292	Drill Core	4.77	<0.001	0.051	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.47	<0.02	0.03	<0.001	<0.01	<0.01	2.45	0.06	0.001	0.83	6.95
2322293	Drill Core	5.63	<0.001	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.54	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.06	<0.001	0.93	7.46
2322294	Drill Core	5.06	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.42	<0.02	0.03	<0.001	<0.01	<0.01	2.29	0.07	<0.001	0.97	7.63
2322295	Drill Core	1.44	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.58	<0.02	0.02	<0.001	<0.01	<0.01	1.84	0.06	<0.001	0.83	7.74
2322296	Drill Core	2.23	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.60	<0.02	0.02	<0.001	<0.01	<0.01	1.82	0.06	<0.001	0.81	7.42
2322297	Drill Core	3.52	<0.001	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.78	<0.02	0.02	<0.001	<0.01	<0.01	2.83	0.06	<0.001	0.81	6.76
2322298	Drill Core	3.79	0.009	0.059	<0.02	<0.01	<2	<0.001	<0.001	0.08	1.75	<0.02	0.02	<0.001	<0.01	<0.01	6.00	0.05	<0.001	0.78	7.13
2322299	Drill Core	3.17	0.003	0.152	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.03	<0.001	<0.01	<0.01	2.37	0.07	<0.001	0.92	6.84
2322300	Drill Core	4.84	0.009	0.155	<0.02	<0.01	2	<0.001	<0.001	0.04	1.36	<0.02	0.03	<0.001	<0.01	<0.01	2.65	0.06	<0.001	0.80	7.38
2322301	Drill Core	5.89	<0.001	0.026	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.56	<0.02	0.02	<0.001	<0.01	<0.01	3.05	0.06	0.001	0.92	6.96
2322302	Drill Core	6.34	<0.001	0.044	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.92	<0.02	0.02	<0.001	<0.01	<0.01	2.24	0.06	0.003	0.90	7.14
2322303	Rock Pulp	0.15	0.004	0.076	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.61	<0.02	0.06	<0.001	<0.01	<0.01	2.35	0.07	<0.001	0.73	8.34
2322304	Drill Core	4.92	<0.001	0.042	<0.02	<0.01	<2	<0.001	0.001	0.06	3.48	<0.02	0.04	<0.001	<0.01	<0.01	3.65	0.09	<0.001	1.50	8.00
2322305	Drill Core	6.53	0.004	0.513	<0.02	<0.01	<2	0.002	0.002	0.08	6.02	<0.02	0.04	<0.001	<0.01	<0.01	4.15	0.10	0.001	2.97	8.26
2322306	Drill Core	6.06	<0.001	0.021	<0.02	<0.01	<2	0.002	0.002	0.11	6.61	<0.02	0.04	<0.001	<0.01	<0.01	4.51	0.10	0.002	3.01	8.19
2322307	Rock	5.86	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.52	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.26	6.97
2322308	Drill Core	7.34	0.001	0.019	<0.02	<0.01	<2	0.002	0.002	0.11	6.64	<0.02	0.04	<0.001	<0.01	<0.01	5.06	0.10	<0.001	3.12	8.44
2322309	Drill Core	4.60	<0.001	0.002	<0.02	<0.01	<2	0.003	0.002	0.12	5.95	<0.02	0.07	<0.001	<0.01	<0.01	7.73	0.16	0.004	3.17	8.88
2322310 Dup of 2322309	CORE DUP		<0.001	0.002	<0.02	<0.01	<2	0.003	0.002	0.12	6.09	<0.02	0.07	<0.001	<0.01	<0.01	7.88	0.16	0.005	3.19	8.91

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322281	Drill Core	4.00	0.84	<0.01	0.97	0.7	35.7	1.7	36	<0.1	10.9	9.6	507	2.39	17.9	4.6	2.4	56	<0.1	0.2	0.4
2322282	Drill Core	3.96	0.89	<0.01	1.01	0.7	43.7	1.7	38	<0.1	10.5	9.2	523	2.46	19.0	6.4	2.3	67	<0.1	0.2	0.4
2322283	Drill Core	2.15	1.78	<0.01	1.53	2.4	225.5	2.8	26	0.6	6.4	7.8	369	2.04	4.0	52.0	2.6	29	<0.1	0.1	1.4
2322284	Drill Core	3.00	1.33	<0.01	2.66	8.0	277.2	3.4	26	1.3	6.7	8.9	617	2.97	6.0	112.2	2.2	52	<0.1	0.2	4.0
2322285	Drill Core	3.95	1.29	<0.01	0.57	3.8	355.7	1.7	27	0.2	7.2	6.7	471	1.48	2.8	3.5	2.8	33	<0.1	0.1	0.5
2322286	Drill Core	4.03	1.30	<0.01	0.43	1.7	422.7	1.2	24	0.2	5.2	6.0	627	1.26	2.2	3.4	3.0	34	<0.1	0.2	0.5
2322287	Drill Core	2.98	1.34	<0.01	0.60	8.3	115.9	1.3	27	0.1	6.1	5.4	607	1.50	2.5	0.8	2.9	44	<0.1	0.1	1.3
2322288	Rock Pulp	2.77	1.39	<0.01	0.27	158.7	1829.3	5.4	75	0.7	14.6	8.3	600	3.59	2.3	660.2	4.3	68	<0.1	0.3	0.3
2322289	Drill Core	2.42	1.58	<0.01	1.51	4.3	260.5	2.4	36	0.3	6.1	6.5	542	2.19	4.9	6.4	2.7	33	<0.1	0.1	3.5
2322290	Drill Core	3.72	1.33	<0.01	0.57	1.4	117.8	1.1	42	0.1	6.4	8.0	603	1.71	4.1	3.8	3.0	45	<0.1	0.2	0.4
2322291	Drill Core	4.13	1.15	<0.01	0.34	0.8	179.1	0.8	34	<0.1	6.1	5.9	506	1.25	3.7	1.2	3.0	49	<0.1	0.3	0.2
2322292	Drill Core	4.84	0.83	<0.01	0.38	1.2	502.5	1.0	31	0.1	6.8	7.7	460	1.29	4.2	1.3	2.9	52	<0.1	0.3	0.2
2322293	Drill Core	4.38	1.02	<0.01	0.51	0.7	203.5	1.0	33	<0.1	6.9	8.0	442	1.38	5.2	3.4	2.8	53	<0.1	0.2	0.2
2322294	Drill Core	5.02	0.70	<0.01	0.35	0.5	87.0	0.9	31	<0.1	5.8	5.3	433	1.28	4.8	1.9	2.9	50	<0.1	0.3	0.2
2322295	Drill Core	5.17	0.51	<0.01	0.63	2.4	178.1	0.8	27	<0.1	6.4	6.0	341	1.22	4.4	1.2	2.7	35	<0.1	0.2	0.2
2322296	Drill Core	5.19	0.53	<0.01	0.65	1.8	174.7	0.9	27	<0.1	6.6	6.1	370	1.35	4.4	3.4	2.9	33	<0.1	0.2	0.2
2322297	Drill Core	3.82	1.33	<0.01	0.87	6.2	358.0	1.2	29	0.3	7.2	9.3	494	1.63	5.9	4.4	2.8	55	<0.1	<0.1	0.3
2322298	Drill Core	3.10	1.12	<0.01	0.60	99.5	603.7	1.5	13	0.8	4.7	8.0	799	1.02	2.6	7.2	2.1	73	<0.1	0.1	0.4
2322299	Drill Core	4.81	0.75	<0.01	0.51	31.2	1600.5	1.0	37	0.7	8.1	11.2	451	1.31	3.4	5.4	2.5	34	<0.1	0.5	0.2
2322300	Drill Core	4.35	0.96	<0.01	0.53	92.9	1604.1	1.5	29	0.6	6.6	5.4	394	1.16	2.6	10.2	2.7	38	<0.1	0.4	0.4
2322301	Drill Core	4.08	1.25	<0.01	0.56	2.7	273.2	1.4	29	0.1	7.1	5.8	436	1.39	3.4	1.8	2.4	66	<0.1	0.1	0.3
2322302	Drill Core	3.60	1.30	<0.01	1.03	6.5	462.1	1.3	27	0.2	7.1	11.5	327	1.79	5.0	6.8	2.6	46	<0.1	0.1	0.4
2322303	Rock Pulp	3.15	1.59	<0.01	0.26	39.7	737.2	22.4	53	0.4	8.4	9.3	255	2.39	2.9	<0.5	3.1	56	0.2	<0.1	0.3
2322304	Drill Core	3.66	1.25	<0.01	1.05	5.8	437.1	1.3	25	0.2	8.3	17.1	400	2.90	6.8	13.1	2.0	63	<0.1	0.5	0.4
2322305	Drill Core	2.58	1.07	<0.01	0.84	43.1	5155.0	1.3	33	1.6	11.9	23.0	408	4.70	4.2	100.3	0.5	82	<0.1	0.9	0.6
2322306	Drill Core	2.58	0.77	<0.01	<0.05	7.0	217.6	1.0	21	<0.1	10.6	18.3	437	4.86	3.9	2.1	0.5	92	<0.1	0.7	<0.1
2322307	Rock	2.82	1.66	<0.01	<0.05	0.6	17.2	2.0	55	<0.1	1.5	2.7	339	1.50	0.6	<0.5	7.9	24	<0.1	<0.1	<0.1
2322308	Drill Core	2.56	0.66	<0.01	0.07	14.0	193.5	1.3	36	<0.1	10.9	19.6	509	4.89	5.0	3.2	0.5	105	<0.1	0.7	<0.1
2322309	Drill Core	2.61	0.69	<0.01	0.15	0.8	31.8	2.1	52	<0.1	26.8	25.1	567	3.24	6.7	<0.5	0.4	117	<0.1	1.3	<0.1
2322310 Dup of 2322309	CORE DUP	2.60	0.70	<0.01	0.15	0.7	31.9	2.2	52	<0.1	28.1	25.5	580	3.35	6.4	<0.5	0.4	126	<0.1	1.4	<0.1

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322281	Drill Core	46	2.57	0.072	10	23	1.21	197	0.021	<20	1.30	0.072	0.11	0.1	<0.01	5.9	<0.1	0.95	5	0.8	0.4
2322282	Drill Core	46	2.62	0.075	9	23	1.21	265	0.029	<20	1.35	0.074	0.11	0.2	<0.01	6.0	<0.1	0.96	5	0.7	0.3
2322283	Drill Core	12	2.18	0.053	6	10	0.32	57	0.001	<20	0.62	0.037	0.22	0.1	<0.01	1.9	<0.1	1.48	2	1.4	0.9
2322284	Drill Core	13	3.89	0.053	8	8	0.43	56	<0.001	<20	0.66	0.056	0.18	<0.1	0.02	2.4	<0.1	2.49	2	2.9	2.1
2322285	Drill Core	14	2.09	0.054	7	11	0.48	59	<0.001	<20	0.74	0.070	0.16	<0.1	0.01	2.2	<0.1	0.55	3	1.3	0.2
2322286	Drill Core	11	2.35	0.050	10	9	0.47	28	<0.001	<20	0.67	0.069	0.14	<0.1	0.02	2.0	<0.1	0.42	2	<0.5	<0.2
2322287	Drill Core	12	2.33	0.054	8	10	0.57	179	0.001	<20	0.78	0.056	0.18	<0.1	0.02	1.8	<0.1	0.60	3	0.9	0.6
2322288	Rock Pulp	55	1.13	0.074	13	22	0.67	185	0.088	<20	1.04	0.070	0.44	0.1	0.04	3.8	0.1	0.26	6	2.0	0.3
2322289	Drill Core	11	2.07	0.054	5	9	0.51	78	<0.001	<20	0.80	0.036	0.20	0.1	<0.01	1.7	<0.1	1.43	2	1.1	1.7
2322290	Drill Core	18	2.31	0.051	10	10	0.72	111	0.001	<20	0.90	0.062	0.15	<0.1	0.02	3.1	<0.1	0.54	3	1.0	<0.2
2322291	Drill Core	23	2.15	0.051	12	11	0.77	175	0.001	<20	0.95	0.083	0.15	<0.1	0.01	3.5	<0.1	0.32	3	0.5	<0.2
2322292	Drill Core	25	2.28	0.059	10	12	0.75	149	0.002	<20	0.84	0.092	0.11	<0.1	<0.01	3.4	<0.1	0.35	3	0.9	<0.2
2322293	Drill Core	25	2.26	0.057	11	12	0.84	232	0.002	<20	1.02	0.094	0.14	<0.1	0.01	3.3	<0.1	0.49	4	0.5	<0.2
2322294	Drill Core	38	2.09	0.061	10	14	0.91	188	0.005	<20	0.96	0.099	0.08	<0.1	<0.01	4.3	<0.1	0.33	4	<0.5	<0.2
2322295	Drill Core	25	1.66	0.056	7	12	0.65	125	0.002	<20	0.73	0.107	0.07	<0.1	<0.01	3.4	<0.1	0.60	4	1.2	<0.2
2322296	Drill Core	26	1.76	0.064	8	14	0.69	81	0.002	<20	0.74	0.092	0.06	<0.1	<0.01	3.5	<0.1	0.65	4	1.5	<0.2
2322297	Drill Core	20	2.72	0.059	10	12	0.72	121	0.001	<20	0.86	0.061	0.15	0.4	<0.01	3.2	<0.1	0.86	3	0.9	0.3
2322298	Drill Core	10	5.76	0.050	6	7	0.35	214	0.003	<20	0.43	0.048	0.11	0.2	0.01	1.3	<0.1	0.59	2	1.4	0.4
2322299	Drill Core	33	2.27	0.063	6	15	0.83	13	0.005	<20	0.84	0.082	0.09	0.3	0.01	4.9	<0.1	0.52	3	1.3	<0.2
2322300	Drill Core	17	2.47	0.058	7	11	0.66	21	0.001	<20	0.70	0.071	0.11	0.2	<0.01	2.9	<0.1	0.54	3	1.9	0.3
2322301	Drill Core	22	2.95	0.057	9	12	0.81	212	0.001	<20	0.90	0.071	0.15	<0.1	<0.01	3.5	<0.1	0.56	3	1.4	<0.2
2322302	Drill Core	22	2.21	0.055	10	10	0.77	50	0.001	<20	0.91	0.068	0.17	<0.1	<0.01	2.8	<0.1	1.07	3	1.7	<0.2
2322303	Rock Pulp	41	0.70	0.065	8	13	0.65	55	0.050	<20	0.98	0.081	0.16	0.9	<0.01	2.3	<0.1	0.26	5	<0.5	<0.2
2322304	Drill Core	75	2.60	0.087	8	17	1.05	128	0.067	<20	1.40	0.144	0.16	0.2	<0.01	4.8	<0.1	1.05	5	1.6	0.2
2322305	Drill Core	162	1.88	0.083	4	27	2.08	111	0.198	<20	2.65	0.274	0.23	1.1	0.01	7.8	<0.1	0.81	9	3.6	0.4
2322306	Drill Core	156	1.48	0.085	3	27	1.61	78	0.238	<20	2.51	0.342	0.16	0.4	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
2322307	Rock	14	0.22	0.030	14	7	0.26	72	0.075	<20	0.60	0.086	0.31	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
2322308	Drill Core	151	1.95	0.083	4	26	1.85	54	0.264	<20	2.99	0.379	0.09	0.4	<0.01	4.6	<0.1	0.06	8	<0.5	<0.2
2322309	Drill Core	65	1.72	0.140	8	33	2.22	132	0.279	<20	2.27	0.065	0.03	0.2	<0.01	3.7	<0.1	0.14	7	<0.5	<0.2
2322310 Dup of 2322309	CORE DUP	69	1.80	0.137	8	34	2.25	147	0.294	<20	2.33	0.059	0.03	0.2	<0.01	3.9	<0.1	0.14	6	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method Analyte	2A Leco TOT/C	2A Leco TOT/S	G6 Au	
				Unit
	%	%	ppm	
	0.02	0.02	0.005	
2322281	Drill Core	0.70	0.97	0.012
2322282	Drill Core	0.71	0.97	0.011
2322283	Drill Core	0.60	1.50	0.063
2322284	Drill Core	1.32	2.53	0.118
2322285	Drill Core	0.64	0.59	0.012
2322286	Drill Core	0.81	0.43	0.012
2322287	Drill Core	0.69	0.60	0.012
2322288	Rock Pulp	0.28	0.29	0.381
2322289	Drill Core	0.62	1.45	0.016
2322290	Drill Core	0.79	0.55	0.012
2322291	Drill Core	0.64	0.34	0.008
2322292	Drill Core	0.74	0.37	0.013
2322293	Drill Core	0.67	0.51	0.012
2322294	Drill Core	0.57	0.34	0.010
2322295	Drill Core	0.46	0.64	0.007
2322296	Drill Core	0.47	0.66	0.009
2322297	Drill Core	0.87	0.86	0.014
2322298	Drill Core	1.87	0.59	0.023
2322299	Drill Core	0.65	0.54	0.015
2322300	Drill Core	0.76	0.57	0.017
2322301	Drill Core	0.93	0.58	0.008
2322302	Drill Core	0.61	1.11	0.012
2322303	Rock Pulp	0.12	0.26	<0.005
2322304	Drill Core	0.67	1.06	0.016
2322305	Drill Core	0.26	0.90	0.170
2322306	Drill Core	0.07	0.03	0.017
2322307	Rock	0.02	<0.02	0.006
2322308	Drill Core	0.14	0.07	0.008
2322309	Drill Core	0.15	0.15	0.008
2322310 Dup of 2322309	CORE DUP	0.15	0.15	0.007

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322311	Drill Core	5.86	0.004	0.063	<0.02	<0.01	<2	0.002	0.002	0.10	6.18	<0.02	0.05	<0.001	<0.01	<0.01	3.85	0.12	<0.001	3.15	8.40
2322312	Drill Core	4.48	0.002	0.065	<0.02	<0.01	<2	0.001	0.002	0.10	6.28	<0.02	0.05	<0.001	<0.01	<0.01	4.74	0.10	<0.001	2.94	8.37
2322313	Drill Core	4.70	<0.001	0.020	<0.02	<0.01	<2	0.001	0.002	0.10	6.69	<0.02	0.05	<0.001	<0.01	<0.01	4.62	0.11	0.001	2.96	8.58
2322314	Rock	5.10	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.64	<0.02	0.06	<0.001	<0.01	<0.01	1.78	0.04	<0.001	0.28	7.54
2322315	Drill Core	3.85	<0.001	0.043	<0.02	<0.01	<2	0.001	0.001	0.09	5.79	<0.02	0.05	<0.001	<0.01	<0.01	4.34	0.11	<0.001	2.75	8.81
2322316	Drill Core	5.24	<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.03	3.23	<0.02	0.03	<0.001	<0.01	<0.01	1.78	0.08	<0.001	1.11	7.99
2322317	Rock Pulp	0.15	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.56	<0.02	0.06	<0.001	<0.01	<0.01	2.25	0.07	0.001	0.72	7.94
2322318	Drill Core	2.75	<0.001	0.056	<0.02	<0.01	2	0.001	0.001	0.08	5.58	<0.02	0.03	<0.001	<0.01	<0.01	4.03	0.09	0.003	2.58	8.25
2322319	Drill Core	5.47	<0.001	0.045	<0.02	<0.01	2	0.001	0.002	0.11	6.15	<0.02	0.04	<0.001	<0.01	<0.01	5.07	0.10	0.002	3.04	8.33
2322320	Drill Core	3.34	<0.001	0.008	<0.02	<0.01	<2	0.001	0.002	0.14	6.84	<0.02	0.04	<0.001	<0.01	<0.01	5.51	0.10	<0.001	3.19	8.60
2322321	Drill Core	3.53	<0.001	0.006	<0.02	<0.01	<2	0.001	0.002	0.14	6.78	<0.02	0.04	<0.001	<0.01	<0.01	5.48	0.10	<0.001	3.11	8.37
2322322	Drill Core	8.75	<0.001	0.009	<0.02	<0.01	<2	0.002	0.002	0.11	6.73	<0.02	0.04	<0.001	<0.01	<0.01	5.20	0.10	0.001	3.11	8.43
2322323	Drill Core	5.53	<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.11	5.70	<0.02	0.06	<0.001	<0.01	<0.01	6.55	0.15	0.004	3.27	8.46
2322324	Drill Core	3.04	<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.12	5.80	<0.02	0.06	<0.001	<0.01	<0.01	5.74	0.16	0.003	3.50	8.66
2322325 Dup of 2322324	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.12	5.80	<0.02	0.07	<0.001	<0.01	<0.01	5.75	0.16	0.005	3.60	8.90
2322326	Drill Core	5.89	<0.001	0.011	<0.02	<0.01	<2	0.002	0.002	0.11	6.32	<0.02	0.04	<0.001	<0.01	<0.01	5.11	0.10	0.002	2.97	8.28
2322327	Drill Core	6.12	<0.001	0.013	<0.02	<0.01	<2	0.001	0.002	0.10	6.33	<0.02	0.03	<0.001	<0.01	<0.01	6.21	0.09	0.001	2.79	8.08
2322328	Drill Core	5.67	<0.001	0.007	<0.02	<0.01	<2	0.001	0.002	0.09	6.03	<0.02	0.03	<0.001	<0.01	<0.01	6.09	0.10	<0.001	2.35	8.12
2322329	Drill Core	7.94	<0.001	0.004	<0.02	<0.01	<2	0.001	0.002	0.10	6.28	<0.02	0.04	<0.001	<0.01	<0.01	5.28	0.10	<0.001	2.48	8.33
2322330	Drill Core	6.00	<0.001	0.003	<0.02	<0.01	<2	0.001	0.002	0.10	6.25	<0.02	0.03	<0.001	<0.01	<0.01	5.00	0.09	0.002	2.70	8.00
2322331	Drill Core	7.21	<0.001	0.003	<0.02	<0.01	<2	0.001	0.002	0.13	6.62	<0.02	0.04	<0.001	<0.01	<0.01	5.77	0.10	0.002	3.00	8.36
2322332	Rock Pulp	0.14	0.018	0.191	<0.02	0.03	2	0.004	<0.001	0.08	4.30	<0.02	0.03	<0.001	<0.01	<0.01	2.60	0.06	0.004	1.36	6.28
2322333	Drill Core	6.30	<0.001	0.003	<0.02	<0.01	<2	0.001	0.002	0.14	6.73	<0.02	0.04	<0.001	<0.01	<0.01	5.33	0.10	0.001	3.05	8.29
2322334	Drill Core	6.67	<0.001	0.006	<0.02	<0.01	<2	0.001	0.002	0.11	6.48	<0.02	0.04	<0.001	<0.01	<0.01	5.47	0.09	0.001	2.68	8.19
2322335	Drill Core	5.23	<0.001	0.004	<0.02	<0.01	<2	0.001	0.002	0.13	6.69	<0.02	0.04	<0.001	<0.01	<0.01	5.53	0.10	0.001	2.65	8.46
2322336	Drill Core	7.12	<0.001	0.006	<0.02	<0.01	<2	0.001	0.002	0.12	6.80	<0.02	0.04	<0.001	<0.01	<0.01	5.52	0.10	0.001	2.77	8.52
2322337	Drill Core	7.14	<0.001	0.005	<0.02	<0.01	<2	0.001	0.002	0.12	6.74	<0.02	0.04	<0.001	<0.01	<0.01	5.76	0.10	<0.001	2.83	8.48
2322338	Drill Core	6.36	<0.001	0.008	<0.02	<0.01	<2	0.001	0.002	0.13	6.82	<0.02	0.04	<0.001	<0.01	<0.01	5.63	0.09	0.002	2.86	8.05
2322339	Drill Core	6.69	<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.14	6.75	<0.02	0.04	<0.001	<0.01	<0.01	5.51	0.10	<0.001	2.97	8.37
2322340	Drill Core	6.48	<0.001	0.003	<0.02	<0.01	<2	0.001	0.002	0.12	6.28	<0.02	0.04	<0.001	<0.01	<0.01	4.96	0.10	<0.001	2.62	8.74

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322311	Drill Core	3.50	0.80	<0.01	0.62	52.8	658.8	1.9	40	0.3	14.0	20.9	516	4.85	9.8	8.8	0.5	70	<0.1	1.1	0.2
2322312	Drill Core	2.63	0.64	<0.01	0.11	25.1	674.2	1.9	26	0.3	9.6	17.4	468	4.75	7.1	18.2	0.5	114	<0.1	1.1	0.1
2322313	Drill Core	2.94	0.60	<0.01	0.85	3.2	210.6	4.7	26	0.1	11.2	21.4	459	5.03	8.0	11.4	0.6	106	<0.1	1.7	0.2
2322314	Rock	2.87	2.21	<0.01	<0.05	0.7	13.0	2.0	58	<0.1	1.7	2.7	357	1.65	0.8	<0.5	8.3	29	<0.1	<0.1	<0.1
2322315	Drill Core	2.98	0.75	<0.01	0.41	1.2	459.7	2.0	35	0.1	9.4	15.7	506	4.82	10.2	26.6	0.4	90	<0.1	1.4	0.2
2322316	Drill Core	3.96	1.44	<0.01	2.18	6.9	236.0	2.0	22	0.2	5.2	26.3	255	2.72	8.8	9.6	1.6	21	<0.1	0.6	0.8
2322317	Rock Pulp	3.13	1.48	<0.01	0.26	39.6	747.0	23.0	54	0.4	8.3	9.4	253	2.37	3.2	<0.5	3.1	57	0.2	<0.1	0.3
2322318	Drill Core	2.43	0.88	<0.01	1.12	1.5	553.4	3.3	62	0.3	13.7	20.8	621	4.89	5.8	95.1	0.7	89	<0.1	1.3	0.5
2322319	Drill Core	2.11	0.80	<0.01	0.44	0.6	446.0	1.7	55	0.1	11.8	20.4	726	4.60	3.5	6.4	0.4	102	<0.1	0.9	0.2
2322320	Drill Core	2.03	0.62	<0.01	<0.05	0.6	86.9	2.2	38	<0.1	9.8	19.3	576	4.50	3.8	3.6	0.4	142	<0.1	1.3	<0.1
2322321	Drill Core	2.04	0.57	<0.01	<0.05	0.6	66.4	2.0	38	<0.1	10.8	19.6	580	4.46	3.6	2.9	0.4	140	<0.1	1.1	<0.1
2322322	Drill Core	2.27	0.73	<0.01	0.28	0.6	96.1	2.8	35	<0.1	11.1	20.3	528	4.61	8.3	5.5	0.5	111	<0.1	0.9	0.1
2322323	Drill Core	3.07	0.75	<0.01	0.07	0.7	47.5	1.9	62	<0.1	27.7	26.3	764	3.78	5.4	<0.5	0.6	102	<0.1	1.2	<0.1
2322324	Drill Core	3.16	1.04	<0.01	0.08	0.7	44.0	2.5	69	<0.1	26.4	27.1	907	4.45	4.9	<0.5	0.6	59	<0.1	0.7	<0.1
2322325 Dup of 2322324	CORE DUP	3.22	0.96	<0.01	0.08	0.7	41.1	2.4	64	<0.1	25.5	25.3	874	4.27	4.2	<0.5	0.6	55	0.1	0.6	<0.1
2322326	Drill Core	2.90	0.54	<0.01	0.13	0.8	112.2	2.3	37	0.1	12.7	18.3	636	4.60	5.5	9.8	0.5	82	<0.1	0.6	0.1
2322327	Drill Core	2.38	0.81	<0.01	0.20	0.6	130.3	2.1	47	0.2	14.2	22.7	904	5.07	4.1	5.5	0.5	86	<0.1	0.4	0.8
2322328	Drill Core	2.28	0.83	<0.01	0.53	1.1	73.1	2.0	43	<0.1	13.8	22.7	849	4.77	4.9	3.3	0.4	111	<0.1	0.4	0.2
2322329	Drill Core	2.56	0.82	<0.01	0.11	0.7	44.1	2.0	59	<0.1	12.1	23.9	902	5.07	2.6	2.0	0.5	87	<0.1	0.5	<0.1
2322330	Drill Core	2.29	1.10	<0.01	<0.05	0.3	27.3	1.7	69	<0.1	12.0	23.6	877	5.01	2.2	<0.5	0.4	70	<0.1	0.4	<0.1
2322331	Drill Core	2.19	0.62	<0.01	<0.05	0.5	32.5	1.8	26	<0.1	10.4	15.0	593	4.47	3.9	<0.5	0.4	112	<0.1	0.7	<0.1
2322332	Rock Pulp	2.21	0.92	<0.01	0.35	196.0	1932.4	40.7	255	0.7	29.4	11.0	459	3.12	16.0	132.4	0.9	40	0.7	0.6	0.3
2322333	Drill Core	2.46	0.66	<0.01	<0.05	0.3	37.9	1.7	31	<0.1	11.1	15.3	598	4.39	4.1	<0.5	0.4	115	<0.1	0.7	<0.1
2322334	Drill Core	2.16	0.85	<0.01	<0.05	0.5	64.2	2.1	54	<0.1	11.0	20.5	702	4.81	2.2	4.7	0.4	100	<0.1	0.4	<0.1
2322335	Drill Core	2.81	0.67	<0.01	<0.05	0.3	41.3	2.0	46	<0.1	9.9	18.1	600	4.34	3.9	1.4	0.5	84	<0.1	0.7	<0.1
2322336	Drill Core	2.37	0.62	<0.01	0.05	0.9	66.3	1.5	36	<0.1	9.8	17.9	500	4.61	3.5	1.7	0.5	105	<0.1	0.7	<0.1
2322337	Drill Core	2.17	0.62	<0.01	0.06	0.8	64.6	1.2	30	<0.1	10.3	16.8	485	4.61	3.5	4.6	0.4	117	<0.1	0.8	<0.1
2322338	Drill Core	2.08	0.70	<0.01	0.35	1.4	81.1	3.5	40	<0.1	12.5	21.5	652	4.85	4.7	6.6	0.5	115	0.3	0.9	0.2
2322339	Drill Core	2.32	0.55	<0.01	<0.05	0.8	53.6	9.2	52	<0.1	11.6	20.9	765	4.69	2.9	1.0	0.4	102	0.3	1.1	<0.1
2322340	Drill Core	3.09	0.66	<0.01	<0.05	0.5	31.0	2.5	65	<0.1	10.1	19.6	870	4.89	2.9	1.0	0.5	77	<0.1	0.5	<0.1

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
2322311	Drill Core	139	1.27	0.104	6	27	2.14	42	0.303	<20	2.31	0.192	0.07	0.4	0.02	5.0	<0.1	0.62	8	0.6	<0.2
2322312	Drill Core	157	1.94	0.084	4	26	1.73	47	0.266	<20	2.88	0.368	0.09	0.6	<0.01	5.4	<0.1	0.12	9	<0.5	<0.2
2322313	Drill Core	149	1.74	0.090	3	26	1.73	55	0.279	<20	2.67	0.338	0.07	0.7	0.01	4.6	<0.1	0.78	9	<0.5	0.3
2322314	Rock	15	0.24	0.033	16	6	0.29	86	0.085	<20	0.67	0.099	0.35	<0.1	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
2322315	Drill Core	152	1.84	0.096	3	22	1.96	43	0.231	<20	2.64	0.303	0.08	0.7	<0.01	6.4	<0.1	0.41	9	0.5	<0.2
2322316	Drill Core	30	1.33	0.073	4	11	0.80	41	0.023	<20	0.89	0.090	0.12	0.4	<0.01	2.0	<0.1	2.10	4	2.4	0.5
2322317	Rock Pulp	41	0.70	0.063	9	13	0.65	55	0.052	<20	1.01	0.083	0.16	1.1	0.01	2.5	<0.1	0.25	5	<0.5	<0.2
2322318	Drill Core	154	2.58	0.077	4	28	2.37	46	0.200	<20	3.14	0.286	0.12	1.1	0.01	13.1	<0.1	1.08	10	1.3	0.2
2322319	Drill Core	162	2.70	0.083	3	28	2.33	59	0.214	<20	3.38	0.348	0.16	0.8	<0.01	11.0	<0.1	0.36	9	<0.5	<0.2
2322320	Drill Core	151	2.14	0.082	3	25	1.77	76	0.230	<20	3.79	0.523	0.12	0.5	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
2322321	Drill Core	151	2.17	0.086	3	26	1.78	78	0.224	<20	3.70	0.506	0.11	0.6	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
2322322	Drill Core	150	2.02	0.087	3	27	1.87	69	0.228	<20	3.34	0.385	0.10	0.6	<0.01	4.8	<0.1	0.25	8	<0.5	<0.2
2322323	Drill Core	83	2.35	0.149	9	38	2.58	104	0.282	<20	2.62	0.110	0.04	0.4	<0.01	4.8	<0.1	0.06	8	<0.5	<0.2
2322324	Drill Core	111	2.67	0.138	11	44	2.84	36	0.251	<20	2.78	0.079	0.07	0.3	<0.01	7.8	<0.1	0.06	9	<0.5	<0.2
2322325 Dup of 2322324	CORE DUP	106	2.54	0.137	11	38	2.70	36	0.212	<20	2.62	0.079	0.07	0.3	<0.01	6.9	<0.1	0.06	9	<0.5	<0.2
2322326	Drill Core	165	2.66	0.087	3	30	2.11	52	0.202	<20	2.62	0.275	0.06	0.8	<0.01	8.5	<0.1	0.11	9	<0.5	<0.2
2322327	Drill Core	177	4.62	0.081	4	34	2.57	57	0.188	<20	3.29	0.241	0.13	0.6	<0.01	15.4	<0.1	0.18	10	<0.5	0.7
2322328	Drill Core	168	4.59	0.083	3	31	2.23	101	0.154	<20	3.41	0.320	0.25	0.4	<0.01	18.0	<0.1	0.50	9	<0.5	<0.2
2322329	Drill Core	171	3.58	0.087	4	28	2.33	123	0.191	<20	3.07	0.265	0.24	0.8	<0.01	15.7	<0.1	0.09	10	<0.5	<0.2
2322330	Drill Core	150	3.86	0.081	5	29	2.43	63	0.103	<20	2.97	0.180	0.24	0.2	<0.01	12.4	<0.1	<0.05	8	<0.5	<0.2
2322331	Drill Core	150	2.38	0.078	3	25	1.70	83	0.199	<20	3.01	0.401	0.10	0.5	<0.01	5.6	<0.1	<0.05	8	<0.5	<0.2
2322332	Rock Pulp	60	0.84	0.052	5	35	0.81	207	0.123	<20	1.68	0.104	0.16	4.7	0.10	4.8	0.1	0.35	5	<0.5	<0.2
2322333	Drill Core	148	2.22	0.078	3	27	1.70	78	0.214	<20	3.03	0.425	0.13	0.7	<0.01	4.9	<0.1	<0.05	8	<0.5	<0.2
2322334	Drill Core	160	3.04	0.086	4	27	1.92	92	0.198	<20	3.02	0.308	0.25	0.5	0.01	9.7	<0.1	<0.05	8	<0.5	<0.2
2322335	Drill Core	146	2.27	0.088	4	26	1.34	349	0.227	<20	2.26	0.272	0.10	0.3	<0.01	4.9	<0.1	<0.05	8	<0.5	<0.2
2322336	Drill Core	151	1.96	0.090	4	25	1.30	120	0.247	<20	2.75	0.381	0.13	0.7	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
2322337	Drill Core	151	2.06	0.083	4	26	1.35	87	0.247	<20	3.06	0.430	0.19	0.8	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
2322338	Drill Core	158	2.65	0.084	4	29	1.68	83	0.249	<20	3.24	0.413	0.14	1.0	<0.01	5.2	<0.1	0.34	9	<0.5	<0.2
2322339	Drill Core	159	2.23	0.087	4	26	1.82	59	0.238	<20	2.85	0.348	0.07	0.5	<0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
2322340	Drill Core	150	2.80	0.088	4	25	2.06	65	0.175	<20	2.63	0.254	0.08	0.3	<0.01	9.1	<0.1	<0.05	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322311	Drill Core	0.06	0.67	0.016
2322312	Drill Core	0.13	0.12	0.030
2322313	Drill Core	0.11	0.86	0.023
2322314	Rock	<0.02	<0.02	<0.005
2322315	Drill Core	0.20	0.41	0.027
2322316	Drill Core	0.30	2.19	0.026
2322317	Rock Pulp	0.13	0.26	0.007
2322318	Drill Core	0.48	1.10	0.143
2322319	Drill Core	0.44	0.40	0.018
2322320	Drill Core	0.12	0.03	0.014
2322321	Drill Core	0.13	<0.02	0.012
2322322	Drill Core	0.15	0.30	0.012
2322323	Drill Core	0.38	0.08	<0.005
2322324	Drill Core	0.57	0.08	0.008
2322325 Dup of 2322324	CORE DUP	0.55	0.08	0.006
2322326	Drill Core	0.53	0.14	0.009
2322327	Drill Core	1.22	0.21	0.012
2322328	Drill Core	1.16	0.53	0.014
2322329	Drill Core	0.79	0.12	0.015
2322330	Drill Core	1.09	<0.02	0.009
2322331	Drill Core	0.28	<0.02	0.014
2322332	Rock Pulp	0.08	0.40	0.255
2322333	Drill Core	0.21	<0.02	0.015
2322334	Drill Core	0.53	<0.02	0.013
2322335	Drill Core	0.24	<0.02	0.016
2322336	Drill Core	0.09	0.05	0.016
2322337	Drill Core	0.12	0.05	0.017
2322338	Drill Core	0.33	0.38	0.011
2322339	Drill Core	0.28	0.03	0.005
2322340	Drill Core	0.62	0.03	0.006

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322341	Drill Core	6.84	<0.001	0.015	<0.02	<0.01	4	<0.001	<0.001	0.06	3.97	<0.02	0.05	<0.001	<0.01	<0.01	2.84	0.12	<0.001	0.97	7.32
2322342	Rock	4.83	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.58	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.25	6.85
2322343	Drill Core	6.87	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.03	<0.02	0.05	<0.001	<0.01	<0.01	2.32	0.12	<0.001	1.26	7.99
2322344	Drill Core	3.14	<0.001	0.021	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.75	<0.02	0.05	<0.001	<0.01	<0.01	2.45	0.12	<0.001	1.09	7.47
2322345	Drill Core	3.41	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.75	<0.02	0.05	<0.001	<0.01	<0.01	2.53	0.12	<0.001	1.08	7.83
2322346	Drill Core	6.35	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.90	<0.02	0.04	<0.001	<0.01	<0.01	2.07	0.12	<0.001	1.27	7.67
2322347 Dup of 2322346	CORE DUP		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.77	<0.02	0.04	<0.001	<0.01	<0.01	2.08	0.11	<0.001	1.22	6.91
2322348	Drill Core	6.14	<0.001	0.009	<0.02	<0.01	3	<0.001	<0.001	0.05	4.17	<0.02	0.04	<0.001	<0.01	<0.01	2.15	0.12	<0.001	1.20	7.08
2322349	Drill Core	7.40	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.62	<0.02	0.04	<0.001	<0.01	<0.01	1.95	0.14	<0.001	1.18	7.83
2322350	Drill Core	6.01	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.78	<0.02	0.04	<0.001	<0.01	<0.01	2.08	0.13	<0.001	1.21	8.10
2322351	Drill Core	5.70	0.003	0.106	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.42	<0.02	0.04	<0.001	<0.01	<0.01	2.85	0.12	<0.001	1.07	7.42
2322352 Dup of 2322351	CORE DUP		0.003	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.56	<0.02	0.04	<0.001	<0.01	<0.01	2.74	0.13	<0.001	1.10	7.43
2322353	Drill Core	4.79	0.002	0.092	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.52	<0.02	0.04	<0.001	<0.01	<0.01	2.44	0.13	<0.001	1.21	8.19
2322354	Drill Core	6.52	<0.001	0.029	<0.02	0.01	2	<0.001	0.002	0.09	5.19	<0.02	0.03	<0.001	<0.01	<0.01	3.62	0.12	0.003	2.08	8.13
2322355	Drill Core	2.61	0.010	0.059	<0.02	<0.01	<2	0.002	0.002	0.10	6.49	<0.02	0.04	<0.001	<0.01	<0.01	5.11	0.10	0.002	3.24	8.40
2322356	Drill Core	2.78	0.013	0.054	<0.02	<0.01	<2	0.002	0.002	0.10	6.70	<0.02	0.04	<0.001	<0.01	<0.01	5.30	0.10	0.003	3.19	8.48
2322357	Drill Core	4.55	<0.001	0.015	<0.02	<0.01	<2	0.001	0.002	0.10	6.40	<0.02	0.04	<0.001	<0.01	<0.01	5.14	0.09	0.004	3.08	8.23
2322358	Drill Core	7.01	<0.001	0.052	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.88	<0.02	0.03	<0.001	<0.01	<0.01	2.59	0.07	0.002	0.90	6.08
2322359	Drill Core	6.75	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.91	<0.02	0.03	<0.001	<0.01	<0.01	2.09	0.06	0.002	0.95	6.61
2322360	Rock Pulp	0.22	0.025	0.493	<0.02	<0.01	<2	0.004	0.001	0.08	5.24	<0.02	0.03	<0.001	<0.01	<0.01	2.68	0.06	0.005	1.44	6.43
2322361	Drill Core	6.91	<0.001	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.63	<0.02	0.03	<0.001	<0.01	<0.01	2.34	0.06	0.003	0.77	5.59
2322362	Drill Core	6.57	<0.001	0.011	<0.02	<0.01	<2	0.001	<0.001	0.02	1.51	<0.02	0.03	<0.001	<0.01	<0.01	2.30	0.06	0.003	0.68	5.56
2322363	Drill Core	7.12	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.79	<0.02	0.03	<0.001	<0.01	<0.01	2.67	0.06	0.004	0.69	5.25
2322364	Drill Core	5.42	<0.001	0.064	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.93	<0.02	0.03	<0.001	<0.01	<0.01	2.40	0.06	0.003	0.77	6.28
2322365	Drill Core	4.88	<0.001	0.007	<0.02	<0.01	<2	0.001	<0.001	0.04	2.32	<0.02	0.03	<0.001	<0.01	<0.01	3.60	0.07	0.002	0.85	7.43
2322366	Drill Core	7.21	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.51	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.12	<0.001	0.94	7.38
2322367	Drill Core	6.67	<0.001	0.016	<0.02	<0.01	<2	<0.001	0.001	0.06	5.21	<0.02	0.03	<0.001	<0.01	<0.01	3.81	0.11	0.002	1.96	8.55
2322368	Rock	4.72	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.59	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.25	7.22
2322369	Drill Core	7.14	<0.001	0.004	<0.02	<0.01	<2	0.002	0.002	0.09	6.89	<0.02	0.04	<0.001	<0.01	<0.01	5.07	0.10	0.003	3.13	8.39
2322370	Drill Core	7.07	<0.001	0.016	<0.02	<0.01	<2	0.001	0.002	0.07	5.98	<0.02	0.03	<0.001	<0.01	<0.01	4.80	0.10	0.002	2.85	8.32

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322341	Drill Core	4.06	1.12	<0.01	0.24	1.2	162.4	12.6	38	4.2	4.1	8.2	505	3.50	6.1	34.4	0.5	39	0.4	0.5	3.4
2322342	Rock	2.94	1.28	<0.01	<0.05	0.2	10.0	2.4	55	<0.1	1.6	2.3	363	1.59	<0.5	<0.5	8.5	23	<0.1	<0.1	<0.1
2322343	Drill Core	4.01	1.06	<0.01	<0.05	0.6	8.9	1.8	43	<0.1	3.0	6.8	489	3.50	5.8	<0.5	0.5	44	<0.1	0.6	<0.1
2322344	Drill Core	4.27	0.97	<0.01	0.18	1.0	228.6	1.4	46	<0.1	2.5	10.1	419	3.35	6.0	14.5	0.6	38	<0.1	0.3	0.1
2322345	Drill Core	4.25	1.05	<0.01	0.20	0.9	207.3	1.3	48	<0.1	2.6	11.8	440	3.46	6.7	20.6	0.6	44	<0.1	0.3	0.2
2322346	Drill Core	4.44	1.12	<0.01	0.05	0.4	8.0	0.7	56	<0.1	2.9	5.6	514	3.60	6.1	<0.5	0.7	47	<0.1	0.2	<0.1
2322347 Dup of 2322346	CORE DUP	4.42	1.09	<0.01	0.05	0.4	8.5	0.7	54	<0.1	2.2	5.8	511	3.53	5.8	0.7	0.7	48	<0.1	0.2	<0.1
2322348	Drill Core	4.35	0.99	<0.01	0.51	1.5	96.8	7.9	48	0.1	3.0	10.1	433	3.80	6.8	6.5	0.6	33	<0.1	0.2	0.2
2322349	Drill Core	4.57	1.01	<0.01	1.19	1.4	114.1	3.0	44	0.1	2.2	10.8	397	3.32	7.0	8.6	0.8	41	<0.1	0.2	0.5
2322350	Drill Core	4.22	1.09	<0.01	0.32	0.8	113.3	1.2	46	<0.1	2.3	7.3	427	3.40	5.8	3.0	0.7	41	<0.1	0.1	0.2
2322351	Drill Core	4.06	1.09	<0.01	0.24	34.4	1077.7	1.0	41	0.4	2.4	6.8	456	3.01	5.9	23.7	0.6	34	<0.1	0.2	0.2
2322352 Dup of 2322351	CORE DUP	4.03	1.08	<0.01	0.23	32.0	1054.5	1.0	43	0.3	2.1	7.0	459	3.09	5.3	22.9	0.7	34	<0.1	0.2	0.2
2322353	Drill Core	4.05	1.15	<0.01	0.31	27.3	953.0	0.9	51	0.3	2.0	5.9	487	3.15	6.4	41.1	0.7	45	<0.1	0.3	0.2
2322354	Drill Core	3.07	1.17	<0.01	0.51	3.7	270.8	1.4	76	1.2	7.9	15.6	807	4.38	4.0	7.9	0.5	49	<0.1	0.2	0.2
2322355	Drill Core	2.04	0.71	<0.01	0.08	104.1	570.6	2.4	49	0.3	14.0	18.4	653	4.93	2.1	19.0	0.4	95	<0.1	0.7	0.2
2322356	Drill Core	2.06	0.72	<0.01	0.07	135.9	534.3	2.7	49	0.2	12.6	17.7	606	4.89	2.0	14.1	0.4	96	<0.1	0.8	0.2
2322357	Drill Core	2.15	0.48	<0.01	0.15	2.6	149.4	1.7	36	<0.1	11.8	18.1	547	4.74	2.2	6.9	0.4	110	<0.1	0.8	<0.1
2322358	Drill Core	4.97	0.54	<0.01	0.91	4.5	521.8	1.1	25	0.3	11.6	6.2	276	1.85	2.2	22.1	1.8	32	<0.1	0.2	0.3
2322359	Drill Core	4.43	0.83	<0.01	1.07	3.1	166.6	1.9	24	0.2	9.1	6.0	218	1.79	1.8	10.4	2.3	29	<0.1	0.1	0.3
2322360	Rock Pulp	2.18	0.93	<0.01	0.61	256.8	4720.1	4.0	47	0.6	30.4	10.4	483	3.66	5.5	327.8	0.8	32	0.3	0.6	<0.1
2322361	Drill Core	4.67	0.67	<0.01	0.85	0.8	197.1	1.3	19	0.2	9.3	5.1	222	1.55	2.3	11.0	1.8	36	<0.1	<0.1	0.2
2322362	Drill Core	4.87	0.64	<0.01	0.67	0.3	104.0	0.9	19	0.3	10.2	4.0	231	1.38	7.0	11.8	1.9	40	<0.1	0.1	0.3
2322363	Drill Core	4.46	0.88	<0.01	0.99	1.5	145.2	0.9	17	0.4	10.7	6.0	239	1.62	15.3	15.3	2.1	42	<0.1	0.1	0.4
2322364	Drill Core	4.35	1.08	<0.01	1.01	0.3	596.5	1.2	21	0.4	9.2	7.1	238	1.67	7.5	18.0	2.0	31	<0.1	0.2	0.3
2322365	Drill Core	3.89	1.25	<0.01	1.06	0.5	75.5	1.0	28	0.2	11.4	9.4	352	2.03	5.4	15.8	1.3	82	<0.1	0.2	0.3
2322366	Drill Core	5.24	0.74	<0.01	0.59	1.3	42.6	1.1	28	0.2	3.0	6.7	327	2.91	9.0	9.5	0.7	37	<0.1	0.4	0.2
2322367	Drill Core	3.60	1.01	<0.01	0.17	0.5	151.7	0.8	50	<0.1	8.5	13.4	567	4.30	4.4	7.4	0.5	49	<0.1	0.3	0.2
2322368	Rock	2.85	1.57	<0.01	<0.05	0.6	11.3	2.1	52	<0.1	1.5	2.3	326	1.42	<0.5	<0.5	7.9	21	<0.1	<0.1	<0.1
2322369	Drill Core	2.26	0.60	<0.01	0.09	0.9	45.5	1.7	32	<0.1	11.8	19.7	536	5.42	4.2	2.8	0.5	105	<0.1	0.8	<0.1
2322370	Drill Core	2.82	0.86	<0.01	0.99	0.9	158.2	1.7	45	0.2	12.7	24.0	519	4.91	6.2	15.3	0.4	67	<0.1	0.5	0.6

CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322341	Drill Core	41	1.70	0.109	4	5	0.99	126	0.114	<20	1.19	0.113	0.12	0.4	<0.01	3.8	<0.1	0.23	7	0.6	2.9
2322342	Rock	14	0.25	0.031	14	4	0.26	73	0.075	<20	0.61	0.083	0.28	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
2322343	Drill Core	42	1.17	0.114	3	7	1.22	125	0.109	<20	1.36	0.122	0.09	0.5	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
2322344	Drill Core	37	1.57	0.113	4	5	1.06	174	0.076	<20	1.29	0.103	0.11	0.4	<0.01	3.3	<0.1	0.18	7	<0.5	<0.2
2322345	Drill Core	37	1.69	0.119	4	6	1.09	249	0.076	<20	1.33	0.103	0.10	0.3	<0.01	3.4	<0.1	0.21	7	<0.5	<0.2
2322346	Drill Core	34	1.57	0.119	5	5	1.29	327	0.045	<20	1.51	0.106	0.12	0.1	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
2322347 Dup of 2322346	CORE DUP	34	1.66	0.119	5	5	1.28	355	0.043	<20	1.48	0.103	0.12	0.1	<0.01	2.8	<0.1	0.05	8	<0.5	<0.2
2322348	Drill Core	40	1.31	0.115	4	6	1.25	87	0.059	<20	1.43	0.108	0.10	0.3	<0.01	3.5	<0.1	0.51	8	<0.5	<0.2
2322349	Drill Core	26	1.58	0.125	6	4	1.13	262	0.024	<20	1.38	0.096	0.16	0.1	<0.01	2.6	<0.1	1.15	7	<0.5	0.3
2322350	Drill Core	27	1.49	0.121	6	4	1.15	264	0.026	<20	1.49	0.112	0.15	<0.1	<0.01	2.6	<0.1	0.31	7	<0.5	<0.2
2322351	Drill Core	24	2.46	0.116	5	4	1.01	138	0.022	<20	1.37	0.084	0.16	0.2	<0.01	2.3	<0.1	0.23	6	0.7	<0.2
2322352 Dup of 2322351	CORE DUP	25	2.40	0.119	5	4	1.03	138	0.022	<20	1.38	0.086	0.17	0.4	<0.01	2.2	<0.1	0.23	6	0.5	<0.2
2322353	Drill Core	25	1.98	0.128	7	4	1.11	303	0.012	<20	1.56	0.092	0.19	0.1	<0.01	2.4	<0.1	0.30	7	0.8	<0.2
2322354	Drill Core	89	2.83	0.103	5	18	2.01	180	0.044	<20	2.43	0.115	0.16	2.3	<0.01	7.9	<0.1	0.43	8	<0.5	<0.2
2322355	Drill Core	167	2.63	0.084	4	29	2.47	176	0.196	<20	3.40	0.325	0.19	0.5	<0.01	10.7	<0.1	0.08	9	<0.5	<0.2
2322356	Drill Core	165	2.43	0.085	4	28	2.30	185	0.212	<20	3.37	0.350	0.26	0.3	<0.01	9.8	<0.1	0.07	9	<0.5	<0.2
2322357	Drill Core	166	2.42	0.089	4	29	2.21	153	0.236	<20	3.43	0.420	0.16	0.3	<0.01	9.8	<0.1	0.13	8	<0.5	<0.2
2322358	Drill Core	47	2.50	0.073	6	32	0.93	62	0.011	<20	0.93	0.098	0.07	0.5	<0.01	6.6	<0.1	0.92	4	0.6	<0.2
2322359	Drill Core	31	1.95	0.059	4	24	0.87	27	0.001	<20	0.88	0.085	0.10	0.3	<0.01	4.9	<0.1	1.08	4	0.9	0.3
2322360	Rock Pulp	63	0.83	0.052	4	32	0.84	98	0.124	<20	1.70	0.099	0.15	0.2	0.03	4.9	<0.1	0.64	5	<0.5	<0.2
2322361	Drill Core	30	2.28	0.057	4	24	0.77	34	0.001	<20	0.84	0.090	0.08	0.2	<0.01	4.5	<0.1	0.84	4	<0.5	<0.2
2322362	Drill Core	29	2.29	0.059	12	23	0.70	55	0.001	<20	0.85	0.096	0.08	0.1	<0.01	4.1	<0.1	0.65	4	1.1	0.3
2322363	Drill Core	24	2.62	0.058	9	19	0.68	29	0.001	<20	0.83	0.080	0.10	0.2	<0.01	3.7	<0.1	0.96	4	<0.5	0.3
2322364	Drill Core	28	2.21	0.053	7	23	0.67	35	<0.001	<20	0.79	0.076	0.13	<0.1	<0.01	4.0	<0.1	0.97	4	1.2	0.4
2322365	Drill Core	33	3.32	0.073	9	21	0.75	265	0.001	<20	1.03	0.065	0.15	<0.1	<0.01	4.5	<0.1	1.01	4	<0.5	<0.2
2322366	Drill Core	42	2.22	0.114	9	5	0.91	204	0.005	<20	1.26	0.101	0.10	<0.1	<0.01	4.1	<0.1	0.54	7	0.8	<0.2
2322367	Drill Core	94	2.96	0.100	6	16	1.80	250	0.034	<20	2.18	0.118	0.15	<0.1	<0.01	8.5	<0.1	0.15	8	<0.5	<0.2
2322368	Rock	13	0.22	0.030	14	5	0.24	77	0.076	<20	0.56	0.081	0.30	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2322369	Drill Core	178	2.55	0.082	4	28	2.34	212	0.222	<20	3.34	0.396	0.15	0.3	<0.01	12.5	<0.1	0.08	9	<0.5	<0.2
2322370	Drill Core	150	3.25	0.089	4	26	2.45	181	0.145	<20	2.68	0.180	0.12	0.2	<0.01	14.7	<0.1	0.93	9	0.6	0.4

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
2322341	Drill Core	0.36	0.24	0.044
2322342	Rock	0.02	<0.02	<0.005
2322343	Drill Core	0.19	<0.02	0.006
2322344	Drill Core	0.33	0.19	0.025
2322345	Drill Core	0.36	0.21	0.025
2322346	Drill Core	0.35	0.05	0.005
2322347 Dup of 2322346	CORE DUP	0.38	0.06	0.008
2322348	Drill Core	0.26	0.52	0.019
2322349	Drill Core	0.34	1.19	0.017
2322350	Drill Core	0.31	0.34	0.022
2322351	Drill Core	0.62	0.26	0.034
2322352 Dup of 2322351	CORE DUP	0.59	0.27	0.039
2322353	Drill Core	0.46	0.32	0.055
2322354	Drill Core	0.76	0.47	0.018
2322355	Drill Core	0.45	0.08	0.028
2322356	Drill Core	0.34	0.08	0.031
2322357	Drill Core	0.29	0.15	0.025
2322358	Drill Core	0.72	0.94	0.066
2322359	Drill Core	0.50	1.12	0.014
2322360	Rock Pulp	0.09	0.69	0.565
2322361	Drill Core	0.67	0.89	0.037
2322362	Drill Core	0.70	0.71	0.023
2322363	Drill Core	0.80	0.97	0.009
2322364	Drill Core	0.65	1.02	0.027
2322365	Drill Core	1.01	1.06	0.020
2322366	Drill Core	0.63	0.56	0.015
2322367	Drill Core	0.84	0.16	0.020
2322368	Rock	<0.02	<0.02	<0.005
2322369	Drill Core	0.36	0.10	0.017
2322370	Drill Core	0.82	0.97	0.010



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Project: 204920
 Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322371	Drill Core	6.71	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.79	<0.02	0.03	<0.001	<0.01	<0.01	2.43	0.12	<0.001	1.41	7.39
2322372	Drill Core	7.28	0.003	0.022	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.91	<0.02	0.03	<0.001	<0.01	<0.01	3.16	0.12	<0.001	1.12	7.51
2322373	Drill Core	5.60	0.034	0.102	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.40	<0.02	0.04	<0.001	<0.01	<0.01	2.95	0.11	0.003	1.18	7.10
2322374	Drill Core	6.24	0.007	0.067	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.03	<0.02	0.03	<0.001	<0.01	<0.01	2.56	0.06	0.004	0.86	6.49
2322375	Drill Core	7.05	0.007	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.90	<0.02	0.04	<0.001	<0.01	<0.01	2.26	0.06	0.003	0.83	6.79
2322376	Drill Core	4.72	0.006	0.040	<0.02	<0.01	<2	0.001	<0.001	0.03	2.05	<0.02	0.05	<0.001	<0.01	<0.01	2.30	0.06	0.003	0.83	6.74
2322377	Drill Core	4.88	0.006	0.115	<0.02	<0.01	<2	0.001	<0.001	0.03	2.30	<0.02	0.04	<0.001	<0.01	<0.01	2.71	0.07	0.004	1.04	5.79
2322378	Drill Core	7.42	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.14	<0.02	0.04	<0.001	<0.01	<0.01	3.37	0.12	0.002	1.17	8.18



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CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322371	Drill Core	3.67	1.14	<0.01	0.33	5.0	134.6	0.6	41	<0.1	2.6	8.7	337	3.22	6.1	3.6	0.7	38	<0.1	0.3	0.2
2322372	Drill Core	3.00	1.63	<0.01	1.42	25.7	214.0	3.2	44	0.4	3.3	9.2	436	3.30	4.8	11.2	0.7	37	0.2	0.2	0.6
2322373	Drill Core	3.65	1.29	<0.01	0.67	338.7	966.0	2.6	42	0.5	4.5	8.7	402	2.75	5.4	17.3	0.6	41	0.2	0.4	0.4
2322374	Drill Core	4.06	1.24	<0.01	1.21	78.3	648.9	1.6	29	0.4	10.2	8.1	346	1.83	5.8	7.5	1.7	29	<0.1	0.2	0.3
2322375	Drill Core	4.38	1.38	<0.01	0.93	73.0	1030.1	1.1	30	0.4	10.1	8.0	290	1.71	4.5	8.0	1.9	29	0.1	0.2	0.2
2322376	Drill Core	4.18	1.22	<0.01	1.06	57.4	381.5	2.1	23	0.3	9.3	6.2	289	1.78	7.5	19.4	1.7	33	<0.1	0.3	0.2
2322377	Drill Core	4.44	0.86	<0.01	1.38	59.7	1165.5	1.4	30	0.5	9.7	10.7	313	2.14	6.5	19.6	1.3	39	<0.1	0.3	0.3
2322378	Drill Core	3.50	1.12	<0.01	0.56	2.1	90.5	1.0	37	0.1	2.7	9.2	375	3.59	9.1	6.3	0.6	51	<0.1	0.2	0.2

CERTIFICATE OF ANALYSIS

SMI13000357.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322371	Drill Core	36	1.82	0.117	7	5	1.32	195	0.026	<20	1.78	0.109	0.19	<0.1	<0.01	3.4	<0.1	0.31	7	<0.5	<0.2
2322372	Drill Core	31	2.40	0.117	5	5	0.94	118	0.019	<20	1.29	0.074	0.21	0.2	<0.01	3.0	<0.1	1.41	5	3.2	0.4
2322373	Drill Core	42	2.16	0.110	6	9	1.03	216	0.014	<20	1.32	0.083	0.15	0.7	<0.01	4.2	<0.1	0.65	6	1.3	0.3
2322374	Drill Core	34	2.20	0.063	8	25	0.78	141	0.005	<20	0.82	0.070	0.12	0.3	<0.01	4.1	<0.1	1.19	4	2.0	0.2
2322375	Drill Core	35	1.89	0.057	9	22	0.79	204	0.008	<20	0.82	0.081	0.10	0.3	<0.01	3.6	<0.1	0.92	4	0.9	<0.2
2322376	Drill Core	35	1.78	0.057	7	24	0.78	253	0.038	<20	0.78	0.076	0.11	0.4	<0.01	4.0	<0.1	1.01	4	1.0	0.3
2322377	Drill Core	51	2.24	0.073	8	27	1.05	199	0.035	<20	0.99	0.082	0.09	0.3	<0.01	5.6	<0.1	1.38	5	2.0	0.2
2322378	Drill Core	37	2.31	0.119	6	5	1.14	261	0.027	<20	1.72	0.120	0.21	<0.1	<0.01	3.2	<0.1	0.56	7	<0.5	0.3



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CERTIFICATE OF ANALYSIS

SMI13000357.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2322371	Drill Core	0.41	0.35	0.012
2322372	Drill Core	0.63	1.48	0.014
2322373	Drill Core	0.59	0.72	0.028
2322374	Drill Core	0.63	1.24	0.016
2322375	Drill Core	0.51	0.94	0.020
2322376	Drill Core	0.48	1.05	0.032
2322377	Drill Core	0.59	1.37	0.021
2322378	Drill Core	0.52	0.55	0.009

QUALITY CONTROL REPORT

SMI13000357.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
REP G1-SMI	QC																				
2322256	Drill Core	6.63	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.001	0.06	2.80	<0.02	0.01	<0.001	<0.01	<0.01	2.53	0.07	0.002	0.84	5.58
REP 2322256	QC																				
2322264	Drill Core	5.46	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.02	<0.02	0.02	<0.001	<0.01	<0.01	2.53	0.05	0.003	0.55	5.19
REP 2322264	QC																				
2322265	Drill Core	5.29	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.03	<0.02	0.02	<0.001	<0.01	<0.01	2.85	0.06	0.002	0.67	5.92
REP 2322265	QC																				
2322280	Drill Core	4.00	<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.11	5.82	<0.02	0.03	<0.001	<0.01	<0.01	5.88	0.14	0.007	3.20	8.45
REP 2322280	QC		<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.11	5.79	<0.02	0.03	<0.001	<0.01	<0.01	5.86	0.14	0.008	3.19	8.33
2322291	Drill Core	2.98	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.03	<0.001	<0.01	<0.01	2.36	0.06	0.002	0.92	7.52
REP 2322291	QC																				
2322299	Drill Core	3.17	0.003	0.152	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.03	<0.001	<0.01	<0.01	2.37	0.07	<0.001	0.92	6.84
REP 2322299	QC																				
2322314	Rock	5.10	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.64	<0.02	0.06	<0.001	<0.01	<0.01	1.78	0.04	<0.001	0.28	7.54
REP 2322314	QC																				
2322315	Drill Core	3.85	<0.001	0.043	<0.02	<0.01	<2	0.001	0.001	0.09	5.79	<0.02	0.05	<0.001	<0.01	<0.01	4.34	0.11	<0.001	2.75	8.81
REP 2322315	QC		<0.001	0.045	<0.02	<0.01	<2	0.001	0.001	0.10	6.01	<0.02	0.05	<0.001	<0.01	<0.01	4.36	0.11	<0.001	2.78	8.87
2322325 Dup of 2322324	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.12	5.80	<0.02	0.07	<0.001	<0.01	<0.01	5.75	0.16	0.005	3.60	8.90
REP 2322325 Dup of	QC																				
2322326	Drill Core	5.89	<0.001	0.011	<0.02	<0.01	<2	0.002	0.002	0.11	6.32	<0.02	0.04	<0.001	<0.01	<0.01	5.11	0.10	0.002	2.97	8.28
REP 2322326	QC																				
2322334	Drill Core	6.67	<0.001	0.006	<0.02	<0.01	<2	0.001	0.002	0.11	6.48	<0.02	0.04	<0.001	<0.01	<0.01	5.47	0.09	0.001	2.68	8.19
REP 2322334	QC																				
2322350	QC		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.85	<0.02	0.04	<0.001	<0.01	<0.01	2.07	0.13	<0.001	1.24	8.38
2322369	Drill Core	7.14	<0.001	0.004	<0.02	<0.01	<2	0.002	0.002	0.09	6.89	<0.02	0.04	<0.001	<0.01	<0.01	5.07	0.10	0.003	3.13	8.39
REP 2322369	QC																				
2322375	Drill Core	7.05	0.007	0.105	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.90	<0.02	0.04	<0.001	<0.01	<0.01	2.26	0.06	0.003	0.83	6.79
REP 2322375	QC																				

QUALITY CONTROL REPORT

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
REP G1-SMI	QC																				
2322256	Drill Core	2.27	1.83	<0.01	1.79	5.7	229.8	1.7	42	0.6	7.5	21.4	568	2.55	12.6	29.2	6.5	37	<0.1	0.1	1.1
REP 2322256	QC					5.6	221.7	1.8	41	0.7	7.9	21.2	563	2.48	12.1	34.3	6.3	37	<0.1	0.1	1.1
2322264	Drill Core	2.98	1.74	<0.01	0.95	2.2	67.0	1.9	22	0.4	7.6	8.6	460	1.79	11.1	5.8	2.5	50	<0.1	0.1	0.5
REP 2322264	QC																				
2322265	Drill Core	3.15	1.68	<0.01	0.71	3.4	75.9	1.2	23	0.3	7.1	6.6	510	1.69	7.0	7.6	2.4	54	<0.1	<0.1	0.3
REP 2322265	QC																				
2322280	Drill Core	3.13	0.66	<0.01	0.05	1.1	34.4	3.2	72	<0.1	33.3	31.2	1131	5.11	1.4	1.3	0.6	115	<0.1	0.3	<0.1
REP 2322280	QC	3.11	0.67	<0.01	0.05																
2322291	Drill Core	4.13	1.15	<0.01	0.34	0.8	179.1	0.8	34	<0.1	6.1	5.9	506	1.25	3.7	1.2	3.0	49	<0.1	0.3	0.2
REP 2322291	QC					0.8	177.4	0.9	35	<0.1	6.4	6.4	509	1.26	3.6	<0.5	3.1	49	<0.1	0.2	0.2
2322299	Drill Core	4.81	0.75	<0.01	0.51	31.2	1600.5	1.0	37	0.7	8.1	11.2	451	1.31	3.4	5.4	2.5	34	<0.1	0.5	0.2
REP 2322299	QC																				
2322314	Rock	2.87	2.21	<0.01	<0.05	0.7	13.0	2.0	58	<0.1	1.7	2.7	357	1.65	0.8	<0.5	8.3	29	<0.1	<0.1	<0.1
REP 2322314	QC																				
2322315	Drill Core	2.98	0.75	<0.01	0.41	1.2	459.7	2.0	35	0.1	9.4	15.7	506	4.82	10.2	26.6	0.4	90	<0.1	1.4	0.2
REP 2322315	QC	3.00	0.77	<0.01	0.43																
2322325 Dup of 2322324	CORE DUP	3.22	0.96	<0.01	0.08	0.7	41.1	2.4	64	<0.1	25.5	25.3	874	4.27	4.2	<0.5	0.6	55	0.1	0.6	<0.1
REP 2322325 Dup of	QC																				
2322326	Drill Core	2.90	0.54	<0.01	0.13	0.8	112.2	2.3	37	0.1	12.7	18.3	636	4.60	5.5	9.8	0.5	82	<0.1	0.6	0.1
REP 2322326	QC					0.9	113.8	2.3	37	0.1	13.1	19.0	640	4.73	5.3	3.2	0.5	83	<0.1	0.6	0.1
2322334	Drill Core	2.16	0.85	<0.01	<0.05	0.5	64.2	2.1	54	<0.1	11.0	20.5	702	4.81	2.2	4.7	0.4	100	<0.1	0.4	<0.1
REP 2322334	QC																				
REP 2322350	QC	4.25	1.09	<0.01	0.32																
2322369	Drill Core	2.26	0.60	<0.01	0.09	0.9	45.5	1.7	32	<0.1	11.8	19.7	536	5.42	4.2	2.8	0.5	105	<0.1	0.8	<0.1
REP 2322369	QC																				
2322375	Drill Core	4.38	1.38	<0.01	0.93	73.0	1030.1	1.1	30	0.4	10.1	8.0	290	1.71	4.5	8.0	1.9	29	0.1	0.2	0.2
REP 2322375	QC					71.3	1010.4	1.0	30	0.4	10.8	8.0	283	1.70	4.1	16.4	1.9	29	<0.1	0.2	0.1

QUALITY CONTROL REPORT

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
REP G1-SMI	QC																				
2322256	Drill Core	21	2.67	0.070	8	11	0.71	67	0.001	<20	0.94	0.047	0.21	<0.1	0.02	2.2	<0.1	1.83	3	2.0	1.0
REP 2322256	QC	21	2.62	0.064	8	11	0.69	65	0.002	<20	0.92	0.046	0.21	0.1	<0.01	2.1	<0.1	1.77	3	1.3	1.2
2322264	Drill Core	10	2.69	0.059	10	6	0.44	313	<0.001	<20	0.74	0.049	0.23	1.7	<0.01	2.2	<0.1	0.98	2	0.8	0.3
REP 2322264	QC																				
2322265	Drill Core	12	2.96	0.057	10	6	0.56	425	<0.001	<20	0.85	0.050	0.21	1.3	<0.01	2.5	<0.1	0.69	3	<0.5	<0.2
REP 2322265	QC																				
2322280	Drill Core	120	5.62	0.140	14	65	3.41	278	0.048	<20	3.81	0.050	0.15	<0.1	<0.01	21.0	<0.1	<0.05	11	<0.5	<0.2
REP 2322280	QC																				
2322291	Drill Core	23	2.15	0.051	12	11	0.77	175	0.001	<20	0.95	0.083	0.15	<0.1	0.01	3.5	<0.1	0.32	3	0.5	<0.2
REP 2322291	QC	23	2.15	0.056	12	11	0.78	177	0.001	<20	0.95	0.083	0.14	<0.1	0.01	3.4	<0.1	0.32	3	0.6	<0.2
2322299	Drill Core	33	2.27	0.063	6	15	0.83	13	0.005	<20	0.84	0.082	0.09	0.3	0.01	4.9	<0.1	0.52	3	1.3	<0.2
REP 2322299	QC																				
2322314	Rock	15	0.24	0.033	16	6	0.29	86	0.085	<20	0.67	0.099	0.35	<0.1	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
REP 2322314	QC																				
2322315	Drill Core	152	1.84	0.096	3	22	1.96	43	0.231	<20	2.64	0.303	0.08	0.7	<0.01	6.4	<0.1	0.41	9	0.5	<0.2
REP 2322315	QC																				
2322325 Dup of 2322324	CORE DUP	106	2.54	0.137	11	38	2.70	36	0.212	<20	2.62	0.079	0.07	0.3	<0.01	6.9	<0.1	0.06	9	<0.5	<0.2
REP 2322325 Dup of	QC																				
2322326	Drill Core	165	2.66	0.087	3	30	2.11	52	0.202	<20	2.62	0.275	0.06	0.8	<0.01	8.5	<0.1	0.11	9	<0.5	<0.2
REP 2322326	QC	166	2.72	0.090	3	32	2.17	53	0.210	<20	2.64	0.276	0.06	0.8	<0.01	9.0	<0.1	0.11	9	<0.5	<0.2
2322334	Drill Core	160	3.04	0.086	4	27	1.92	92	0.198	<20	3.02	0.308	0.25	0.5	0.01	9.7	<0.1	<0.05	8	<0.5	<0.2
REP 2322334	QC																				
REP 2322350	QC																				
2322369	Drill Core	178	2.55	0.082	4	28	2.34	212	0.222	<20	3.34	0.396	0.15	0.3	<0.01	12.5	<0.1	0.08	9	<0.5	<0.2
REP 2322369	QC																				
2322375	Drill Core	35	1.89	0.057	9	22	0.79	204	0.008	<20	0.82	0.081	0.10	0.3	<0.01	3.6	<0.1	0.92	4	0.9	<0.2
REP 2322375	QC	34	1.86	0.058	9	25	0.77	207	0.008	<20	0.81	0.079	0.10	0.3	<0.01	3.7	<0.1	0.90	4	0.9	<0.2

QUALITY CONTROL REPORT

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
REP G1-SMI	QC		0.009
2322256	Drill Core	0.81 1.76	0.024
REP 2322256	QC		
2322264	Drill Core	0.86 0.99	0.005
REP 2322264	QC	0.86 1.00	
2322265	Drill Core	0.93 0.73	0.008
REP 2322265	QC		0.009
2322280	Drill Core	1.52 0.04	0.007
REP 2322280	QC		
2322291	Drill Core	0.64 0.34	0.008
REP 2322291	QC		
2322299	Drill Core	0.65 0.54	0.015
REP 2322299	QC	0.64 0.52	
2322314	Rock	<0.02 <0.02	<0.005
REP 2322314	QC		<0.005
2322315	Drill Core	0.20 0.41	0.027
REP 2322315	QC		
2322325 Dup of 2322324	CORE DUP	0.55 0.08	0.006
REP 2322325 Dup of	QC		0.007
2322326	Drill Core	0.53 0.14	0.009
REP 2322326	QC		
2322334	Drill Core	0.53 <0.02	0.013
REP 2322334	QC	0.54 <0.02	
REP 2322350	QC		
2322369	Drill Core	0.36 0.10	0.017
REP 2322369	QC	0.36 0.10	
2322375	Drill Core	0.51 0.94	0.020
REP 2322375	QC		

QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
2322378	Drill Core	7.42	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.14	<0.02	0.04	<0.001	<0.01	<0.01	3.37	0.12	0.002	1.17	8.18
REP 2322378	QC		<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.23	<0.02	0.04	<0.001	<0.01	<0.01	3.35	0.12	<0.001	1.18	7.87
REP 2322370	QC																				
Core Reject Duplicates																					
2322274	Drill Core	5.81	<0.001	0.022	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.98	<0.02	0.02	<0.001	<0.01	<0.01	0.84	0.06	0.003	0.90	6.98
DUP 2322274	QC		<0.001	0.021	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.92	<0.02	0.02	<0.001	<0.01	<0.01	0.77	0.06	0.003	0.85	6.29
2322312	Drill Core	4.48	0.002	0.065	<0.02	<0.01	<2	0.001	0.002	0.10	6.28	<0.02	0.05	<0.001	<0.01	<0.01	4.74	0.10	<0.001	2.94	8.37
DUP 2322312	QC		0.002	0.062	<0.02	<0.01	<2	0.002	0.002	0.10	6.38	<0.02	0.05	<0.001	<0.01	<0.01	4.77	0.10	<0.001	2.99	8.36
2322350	Drill Core	6.01	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.78	<0.02	0.04	<0.001	<0.01	<0.01	2.08	0.13	<0.001	1.21	8.10
DUP 2322350	QC		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.84	<0.02	0.04	<0.001	<0.01	<0.01	2.04	0.13	<0.001	1.22	8.04
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.255	0.49	3.12	41	0.002	0.017	0.09	17.91	<0.02	<0.01	0.009	<0.01	0.01	0.76	0.01	<0.001	1.31	4.46
STD CDN-ME-9	Standard		<0.001	0.657	<0.02	0.01	2	0.924	0.017	0.12	13.43	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.029	3.92	6.55
STD CDN-ME-14	Standard		0.001	1.226	0.49	3.04	44	0.002	0.017	0.09	17.51	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	<0.001	1.28	4.37
STD CDN-ME-9	Standard		<0.001	0.633	<0.02	0.01	4	0.894	0.017	0.12	13.09	<0.02	0.03	<0.001	<0.01	<0.01	4.10	0.06	0.029	3.85	6.51
STD CDN-ME-14	Standard		0.001	1.259	0.50	3.13	44	0.002	0.018	0.09	18.08	<0.02	<0.01	0.010	<0.01	<0.01	0.76	0.02	<0.001	1.34	4.48
STD CDN-ME-9	Standard		<0.001	0.652	<0.02	0.01	5	0.935	0.016	0.12	13.56	<0.02	0.03	<0.001	<0.01	<0.01	4.12	0.06	0.026	3.94	6.67
STD CDN-ME-14	Standard		0.002	1.269	0.50	3.18	44	0.002	0.020	0.09	18.13	<0.02	<0.01	0.010	<0.01	<0.01	0.76	0.02	<0.001	1.34	4.40
STD CDN-ME-9	Standard		<0.001	0.665	<0.02	0.01	3	0.934	0.018	0.12	13.69	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.06	0.026	3.99	6.67
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				



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Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2322378	Drill Core	3.50	1.12	<0.01	0.56	2.1	90.5	1.0	37	0.1	2.7	9.2	375	3.59	9.1	6.3	0.6	51	<0.1	0.2	0.2
REP 2322378	QC	3.50	1.06	<0.01	0.56																
REP 2322370	QC																				
Core Reject Duplicates																					
2322274	Drill Core	4.49	0.99	<0.01	1.22	4.4	234.0	1.7	29	0.3	8.6	13.0	293	1.80	7.1	8.7	2.9	16	<0.1	0.2	0.6
DUP 2322274	QC	4.46	0.96	<0.01	1.23	4.2	233.2	1.8	30	0.3	9.7	13.7	288	1.79	6.8	10.0	2.8	15	<0.1	0.1	0.6
2322312	Drill Core	2.63	0.64	<0.01	0.11	25.1	674.2	1.9	26	0.3	9.6	17.4	468	4.75	7.1	18.2	0.5	114	<0.1	1.1	0.1
DUP 2322312	QC	2.62	0.65	<0.01	0.11	20.8	639.1	1.8	25	0.2	10.0	18.0	471	4.78	7.0	14.9	0.5	117	<0.1	1.2	0.1
2322350	Drill Core	4.22	1.09	<0.01	0.32	0.8	113.3	1.2	46	<0.1	2.3	7.3	427	3.40	5.8	3.0	0.7	41	<0.1	0.1	0.2
DUP 2322350	QC	4.18	1.09	<0.01	0.30	0.7	113.9	1.1	47	<0.1	2.6	7.0	425	3.42	6.0	5.7	0.7	39	<0.1	0.2	0.2
Reference Materials																					
STD CDN-ME-14	Standard	0.53	1.66	<0.01	16.31																
STD CDN-ME-9	Standard	1.79	0.63	<0.01	2.51																
STD CDN-ME-14	Standard	0.51	1.66	<0.01	16.22																
STD CDN-ME-9	Standard	1.78	0.63	<0.01	2.54																
STD CDN-ME-14	Standard	0.53	1.65	<0.01	16.41																
STD CDN-ME-9	Standard	1.82	0.63	<0.01	2.56																
STD CDN-ME-14	Standard	0.51	1.62	<0.01	16.33																
STD CDN-ME-9	Standard	1.80	0.64	<0.01	2.64																
STD DS10	Standard					14.6	152.3	149.7	355	1.7	70.3	12.9	858	2.73	45.6	72.6	6.7	65	2.5	6.7	10.8
STD DS10	Standard					13.8	165.2	155.3	368	1.9	78.0	13.6	909	2.83	44.0	127.9	7.3	64	2.5	7.9	11.4
STD DS10	Standard					14.2	160.9	158.0	371	2.1	77.2	13.4	915	2.81	44.7	67.5	7.1	66	2.5	6.9	11.2
STD DS10	Standard					13.8	155.5	155.7	366	1.9	75.7	12.2	892	2.80	43.5	88.2	6.7	57	2.6	7.8	9.6
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				

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QUALITY CONTROL REPORT

SMI13000357.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2322378	Drill Core	37	2.31	0.119	6	5	1.14	261	0.027	<20	1.72	0.120	0.21	<0.1	<0.01	3.2	<0.1	0.56	7	<0.5	0.3
REP 2322378	QC																				
REP 2322370	QC																				
Core Reject Duplicates																					
2322274	Drill Core	23	0.86	0.062	6	15	0.76	20	0.001	<20	0.83	0.097	0.13	<0.1	<0.01	1.8	<0.1	1.21	3	1.3	0.4
DUP 2322274	QC	22	0.85	0.064	6	17	0.75	19	0.001	<20	0.80	0.087	0.12	<0.1	<0.01	1.8	<0.1	1.23	3	1.6	0.4
2322312	Drill Core	157	1.94	0.084	4	26	1.73	47	0.266	<20	2.88	0.368	0.09	0.6	<0.01	5.4	<0.1	0.12	9	<0.5	<0.2
DUP 2322312	QC	157	1.99	0.090	4	26	1.75	49	0.264	<20	2.96	0.388	0.10	0.5	<0.01	5.6	<0.1	0.11	9	<0.5	0.2
2322350	Drill Core	27	1.49	0.121	6	4	1.15	264	0.026	<20	1.49	0.112	0.15	<0.1	<0.01	2.6	<0.1	0.31	7	<0.5	<0.2
DUP 2322350	QC	27	1.45	0.122	6	4	1.18	258	0.027	<20	1.51	0.108	0.15	<0.1	0.01	2.6	<0.1	0.30	7	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	42	1.05	0.071	15	53	0.77	383	0.070	<20	0.99	0.064	0.33	2.8	0.28	2.9	4.5	0.28	4	2.4	4.5
STD DS10	Standard	43	1.09	0.072	17	57	0.80	411	0.076	<20	1.05	0.067	0.35	2.9	0.29	2.8	4.9	0.29	4	3.7	4.9
STD DS10	Standard	43	1.07	0.076	17	54	0.80	412	0.072	<20	1.04	0.067	0.34	3.2	0.30	2.8	5.1	0.29	4	2.5	5.2
STD DS10	Standard	44	1.08	0.076	17	55	0.80	415	0.073	<20	1.06	0.067	0.34	2.5	0.70	2.8	5.1	0.28	4	1.7	4.6
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				

QUALITY CONTROL REPORT

SMI13000357.1

		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
2322378	Drill Core	0.52	0.55	0.009
REP 2322378	QC			
REP 2322370	QC			0.019
Core Reject Duplicates				
2322274	Drill Core	0.23	1.20	0.012
DUP 2322274	QC	0.23	1.28	0.013
2322312	Drill Core	0.13	0.12	0.030
DUP 2322312	QC	0.13	0.12	0.027
2322350	Drill Core	0.31	0.34	0.022
DUP 2322350	QC	0.29	0.32	0.013
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	1.00	2.32	
STD GS311-1	Standard	1.02	2.30	
STD GS311-1	Standard	1.04	2.46	
STD GS311-1	Standard	0.99	2.38	
STD GS910-4	Standard	2.66	7.85	
STD GS910-4	Standard	2.76	8.28	



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000357.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175		
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66		
STD GS311-1 Expected																						
STD GS910-4 Expected																						

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Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.4	682.2	15.5	27	0.3	376.2	51.5	398	21.66	8.9	55.0	10.2	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.5	678.7	14.8	28	0.3	364.4	53.8	393	22.87	9.5	55.1	10.4	3	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.3	727.4	15.6	31	0.3	387.2	55.3	415	25.00	10.4	67.7	10.7	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.1	681.3	13.1	28	0.2	375.7	50.1	399	20.43	9.1	53.0	9.2	3	<0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD GS311-1 Expected																						
STD GS910-4 Expected																						

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Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000357.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	295	0.04	0.026	7	863	0.09	145	0.088	<20	3.11	0.020	0.05	<0.1	0.03	74.8	<0.1	<0.05	11	0.7	<0.2	
STD OREAS45EA	Standard	311	0.04	0.026	7	866	0.09	145	0.087	<20	3.15	0.016	0.05	<0.1	<0.01	76.0	<0.1	<0.05	12	1.0	<0.2	
STD OREAS45EA	Standard	327	0.04	0.030	7	927	0.10	153	0.092	<20	3.41	0.017	0.06	<0.1	<0.01	82.6	<0.1	<0.05	12	0.6	<0.2	
STD OREAS45EA	Standard	293	0.04	0.026	6	912	0.09	135	0.084	<20	3.08	0.020	0.05	<0.1	<0.01	77.4	<0.1	<0.05	12	1.2	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						

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QUALITY CONTROL REPORT

SMI13000357.1

		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
STD GS910-4	Standard	2.67	8.88	
STD GS910-4	Standard	2.67	8.19	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.215
STD OXC109	Standard			0.213
STD OXC109	Standard			0.212
STD OXC109	Standard			0.202
STD OXC109	Standard			0.195
STD OXI96	Standard			1.914
STD OXI96	Standard			1.813
STD OXI96	Standard			1.786
STD OXI96	Standard			1.747
STD OXL93	Standard			6.000
STD OXL93	Standard			6.052
STD OXL93	Standard			5.753
STD OXL93	Standard			5.839
STD OXL93	Standard			5.765
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	

QUALITY CONTROL REPORT

SMI13000357.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.59	2.26	<0.01	<0.05	0.1	2.3	2.7	46	<0.1	3.9	4.3	587	2.07	<0.5	4.3	4.8	59	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.53	2.36	<0.01	<0.05	0.2	2.3	2.7	49	<0.1	4.6	4.4	616	2.19	<0.5	1.1	5.0	66	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank																					



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Project: 204920
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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	36	0.46	0.080	9	9	0.57	235	0.124	<20	1.01	0.085	0.49	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	37	0.49	0.083	10	11	0.60	248	0.135	<20	1.07	0.096	0.52	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank																				

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Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000357.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			0.008
BLK	Blank			0.008
BLK	Blank			0.007
BLK	Blank			0.006
BLK	Blank			0.005
BLK	Blank			<0.005
BLK	Blank			0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	0.006
G1-SMI	Prep Blank	<0.02	<0.02	
G1-SMI	Prep Blank			0.007



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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 22, 2014
Report Date: February 24, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000357R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_004
P.O. Number
Number of Samples: 48

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	48	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 24, 2014

Page: 2 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000357R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
2322255	Drill Core 0.041
2322256	Drill Core 0.026
2322257	Rock <0.005
2322258	Drill Core 0.035
2322259	Drill Core 0.020
2322260	Drill Core 0.021
2322261	Drill Core 0.044
2322262	Drill Core 0.011
2322263	Drill Core 0.015
2322264	Drill Core 0.009
2322265	Drill Core 0.013
2322266	Drill Core 0.011
2322267	Drill Core 0.010
2322268	Drill Core <0.005
2322269	Drill Core 0.014
2322270	Drill Core 0.009
2322271	Drill Core 0.008
2322272	Drill Core 0.006
2322273	Drill Core 0.006
2322274	Drill Core 0.007
2322275	Drill Core 0.006
2322276	Drill Core <0.005
2322277	Rock <0.005
2322278	Drill Core <0.005
2322279	Drill Core <0.005
2322280	Drill Core <0.005
2322281	Drill Core <0.005
2322282	Drill Core <0.005
2322283	Drill Core 0.060
2322284	Drill Core 0.130



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 PHONE (604) 253-3158

Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 24, 2014

Page: 3 of 3

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000357R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
2322285	Drill Core	0.005
2322286	Drill Core	<0.005
2322287	Drill Core	0.006
2322288	Rock Pulp	0.347
2322289	Drill Core	0.012
2322290	Drill Core	0.007
2322291	Drill Core	0.007
2322292	Drill Core	<0.005
2322293	Drill Core	0.008
2322294	Drill Core	<0.005
2322295	Drill Core	<0.005
2322296	Drill Core	0.005
2322297	Drill Core	0.006
2322298	Drill Core	0.025
2322299	Drill Core	0.009
2322300	Drill Core	0.013
2322301	Drill Core	<0.005
2322302	Drill Core	0.010



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 24, 2014

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000357R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
Pulp Duplicates	
2322260 Drill Core	0.021
REP 2322260 QC	0.019
REP 2322288 QC	0.382
Reference Materials	
STD OXC109 Standard	0.203
STD OXC109 Standard	0.197
STD OXI96 Standard	1.774
STD OXI96 Standard	1.786
STD OXL93 Standard	5.764
STD OXL93 Standard	5.382
STD OXC109 Expected	0.201
STD OXI96 Expected	1.802
STD OXL93 Expected	5.841
BLK Blank	<0.005
BLK Blank	<0.005
BLK Blank	<0.005
BLK Blank	<0.005



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Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: October 07, 2013
Report Date: October 30, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI13000358.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_007
P.O. Number
Number of Samples: 86

SAMPLE DISPOSAL

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

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

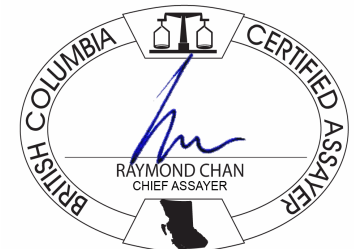
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	82	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	5	Split samples by riffle splitter			SMI
P200	5	Pulverize to 85% passing 200 mesh			VAN
7TD2	86	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	86	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	86	Analysis by Leco	0.1	Completed	VAN
G6	86	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302821	Drill Core	7.25	<0.001	0.177	<0.02	<0.01	<2	<0.001	<0.001	0.12	3.82	<0.02	0.05	<0.001	<0.01	<0.01	3.77	0.13	<0.001	1.11	7.33
2302822	Drill Core	3.55	0.006	0.188	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.14	<0.02	0.05	<0.001	<0.01	<0.01	3.47	0.14	<0.001	1.14	7.28
2302823	Drill Core	3.12	0.003	0.141	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.33	<0.02	0.05	<0.001	<0.01	<0.01	3.57	0.14	<0.001	1.19	8.58
2302824	Drill Core	7.71	0.007	0.159	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.78	<0.02	0.05	<0.001	<0.01	<0.01	3.30	0.13	<0.001	0.99	7.79
2302825	Drill Core	6.94	0.012	0.124	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.91	<0.02	0.05	<0.001	<0.01	<0.01	3.43	0.13	<0.001	1.06	7.61
2302826	Rock	4.27	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.47	<0.02	0.05	<0.001	<0.01	<0.01	1.46	0.02	<0.001	0.23	6.14
2302827	Drill Core	7.62	<0.001	0.096	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.28	<0.02	0.05	<0.001	<0.01	<0.01	3.87	0.15	<0.001	1.32	9.46
2302828	Drill Core	7.57	0.002	0.063	<0.02	<0.01	<2	<0.001	0.001	0.11	4.37	<0.02	0.04	<0.001	<0.01	<0.01	4.05	0.13	<0.001	1.70	9.01
2302829 Dup of 2302828	CORE DUP		0.001	0.055	<0.02	<0.01	<2	<0.001	0.001	0.11	4.35	<0.02	0.04	<0.001	<0.01	<0.01	3.82	0.14	<0.001	1.69	8.99
2302830	Drill Core	7.59	0.007	0.084	<0.02	<0.01	<2	<0.001	0.001	0.10	4.43	<0.02	0.05	<0.001	<0.01	<0.01	3.63	0.14	<0.001	1.25	8.93
2302831	Drill Core	7.27	0.006	0.076	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.37	<0.02	0.05	<0.001	<0.01	<0.01	4.43	0.13	<0.001	1.12	9.17
2302832	Drill Core	7.76	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.51	<0.02	0.05	<0.001	<0.01	<0.01	3.96	0.14	<0.001	1.27	9.51
2302833	Rock Pulp	0.19	0.016	0.185	<0.02	<0.01	<2	0.001	<0.001	0.07	4.20	<0.02	0.07	<0.001	<0.01	<0.01	2.21	0.08	0.002	0.65	6.50
2302834	Drill Core	5.96	<0.001	0.116	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.49	<0.02	0.05	<0.001	<0.01	<0.01	5.47	0.13	<0.001	1.05	9.04
2302835	Drill Core	7.86	<0.001	0.051	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.33	<0.02	0.05	<0.001	<0.01	<0.01	4.05	0.14	<0.001	1.25	9.55
2302836	Drill Core	7.68	0.005	0.095	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.13	<0.02	0.05	<0.001	<0.01	<0.01	3.28	0.13	<0.001	1.18	8.26
2302837	Drill Core	7.70	0.007	0.080	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.54	<0.02	0.06	<0.001	<0.01	<0.01	3.47	0.13	<0.001	1.26	9.31
2302838	Drill Core	7.62	<0.001	0.052	<0.02	<0.01	<2	<0.001	0.001	0.11	4.58	<0.02	0.05	<0.001	<0.01	<0.01	4.12	0.14	<0.001	1.20	9.29
2302839	Drill Core	4.85	<0.001	0.062	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.56	<0.02	0.05	<0.001	<0.01	<0.01	4.46	0.14	<0.001	1.14	9.20
2302840	Rock Pulp	0.15	0.029	0.248	<0.02	0.04	3	0.002	0.001	0.10	5.08	<0.02	0.02	<0.001	<0.01	<0.01	1.40	0.07	0.003	0.77	7.40
2302841	Drill Core	7.79	0.004	0.338	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.95	<0.02	0.04	<0.001	<0.01	<0.01	2.57	0.14	<0.001	1.12	9.05
2302842	Drill Core	6.77	<0.001	0.154	<0.02	<0.01	<2	<0.001	0.001	0.08	4.61	<0.02	0.03	<0.001	<0.01	<0.01	2.47	0.14	<0.001	1.07	9.09
2302843	Rock	4.96	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.30	<0.02	0.05	<0.001	<0.01	<0.01	1.27	0.03	<0.001	0.20	5.63
2302844	Drill Core	7.95	<0.001	0.171	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.30	<0.02	0.05	<0.001	<0.01	<0.01	3.77	0.13	<0.001	1.15	8.03
2302845	Drill Core	7.88	0.014	0.418	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.63	<0.02	0.03	<0.001	<0.01	<0.01	3.07	0.13	<0.001	0.95	6.39
2302846	Drill Core	7.62	0.002	0.140	<0.02	<0.01	<2	<0.001	0.001	0.10	4.44	<0.02	0.04	<0.001	<0.01	<0.01	2.99	0.14	<0.001	1.19	7.16
2302847	Drill Core	5.31	0.001	0.046	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.58	<0.02	0.06	<0.001	<0.01	<0.01	3.41	0.14	<0.001	1.29	8.70
2302848	Drill Core	2.47	<0.001	0.036	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.39	<0.02	0.06	<0.001	<0.01	<0.01	3.72	0.14	<0.001	1.18	8.58
2302849	Drill Core	2.74	<0.001	0.040	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.28	<0.02	0.06	<0.001	<0.01	<0.01	3.66	0.13	<0.001	1.20	8.82
2302850	Drill Core	7.38	<0.001	0.125	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.43	<0.02	0.06	<0.001	<0.01	<0.01	3.18	0.13	<0.001	1.26	8.35

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302821	Drill Core	3.63	1.16	<0.01	0.33	4.6	1740.7	1.3	83	0.2	2.1	8.5	1040	3.05	2.7	25.6	0.4	73	<0.1	0.5	<0.1
2302822	Drill Core	4.17	0.78	<0.01	0.16	61.6	1875.1	1.8	84	0.7	2.0	9.7	1063	3.69	2.8	24.8	0.4	54	<0.1	0.2	<0.1
2302823	Drill Core	4.11	0.74	<0.01	0.12	27.5	1427.8	1.5	85	0.4	1.9	9.2	1067	3.78	3.0	22.8	0.4	55	<0.1	0.2	<0.1
2302824	Drill Core	3.83	0.95	<0.01	0.15	72.7	1603.7	1.9	71	0.5	2.1	8.4	861	3.28	4.4	18.1	0.8	54	<0.1	0.6	0.2
2302825	Drill Core	3.73	0.94	<0.01	0.12	118.2	1254.0	1.8	75	0.4	2.2	8.9	918	3.32	5.3	21.4	0.5	57	0.1	0.5	0.2
2302826	Rock	3.02	2.65	<0.01	<0.05	0.9	12.9	1.6	52	<0.1	1.2	2.3	314	1.34	0.6	0.7	6.4	22	<0.1	<0.1	<0.1
2302827	Drill Core	3.97	0.88	<0.01	0.08	5.0	971.3	1.3	71	0.3	1.8	8.6	918	3.54	5.4	38.6	0.5	53	<0.1	0.3	<0.1
2302828	Drill Core	3.36	0.94	<0.01	0.12	16.6	629.7	1.1	74	0.2	1.9	10.0	1051	3.70	3.2	14.5	0.6	64	<0.1	0.3	<0.1
2302829 Dup of 2302828	CORE DUP	3.42	0.90	<0.01	0.09	14.1	549.1	1.1	74	0.2	2.0	9.8	1021	3.67	2.7	19.3	0.5	54	<0.1	0.2	<0.1
2302830	Drill Core	4.47	0.87	<0.01	0.23	66.9	807.2	1.1	66	0.3	3.4	8.8	920	3.64	1.7	24.5	0.4	52	<0.1	0.2	<0.1
2302831	Drill Core	3.76	0.99	<0.01	0.12	59.5	759.7	1.2	58	0.3	2.2	8.8	846	3.64	2.3	11.0	0.3	63	0.1	0.4	<0.1
2302832	Drill Core	4.01	0.88	<0.01	0.08	4.9	394.9	0.8	63	0.2	2.4	9.9	937	3.89	1.5	18.4	0.3	57	<0.1	0.2	<0.1
2302833	Rock Pulp	2.89	2.33	<0.01	0.23	141.4	1839.8	5.2	78	0.7	15.5	7.8	615	3.54	2.2	183.9	4.2	72	0.3	0.3	0.2
2302834	Drill Core	2.82	1.35	<0.01	0.37	9.8	1142.5	1.2	53	0.3	2.6	9.2	750	3.75	1.3	31.2	0.3	89	<0.1	0.3	<0.1
2302835	Drill Core	4.23	0.90	<0.01	0.19	10.6	508.0	1.2	63	0.1	1.8	8.7	851	3.69	1.8	29.2	0.3	58	<0.1	0.3	<0.1
2302836	Drill Core	4.77	0.76	<0.01	0.19	49.3	968.2	3.5	75	0.3	1.9	9.2	845	3.67	7.9	17.4	0.4	45	<0.1	0.5	<0.1
2302837	Drill Core	4.51	0.71	<0.01	0.07	72.4	797.6	1.6	70	0.2	2.0	8.8	866	3.73	2.1	6.5	0.4	52	<0.1	0.5	<0.1
2302838	Drill Core	3.90	0.82	<0.01	0.05	2.6	509.5	1.3	75	0.1	1.9	9.4	989	3.80	2.0	21.1	0.4	56	<0.1	0.3	<0.1
2302839	Drill Core	3.81	0.84	<0.01	<0.05	1.4	638.1	1.8	75	0.2	1.9	9.2	1020	3.79	1.7	12.0	0.3	69	<0.1	0.3	<0.1
2302840	Rock Pulp	0.88	2.50	<0.01	2.12	255.1	2463.5	74.1	429	2.6	13.5	10.6	745	4.23	27.4	299.1	2.6	51	1.8	1.1	0.9
2302841	Drill Core	3.47	1.79	<0.01	0.30	42.2	3304.8	2.0	64	0.5	2.4	8.6	645	3.05	1.8	77.4	0.5	55	<0.1	0.3	0.2
2302842	Drill Core	3.47	2.04	<0.01	0.11	9.0	1495.6	1.6	77	0.3	1.6	9.9	762	3.64	0.6	46.4	0.4	56	<0.1	<0.1	<0.1
2302843	Rock	2.95	2.77	<0.01	<0.05	0.4	12.8	1.6	45	<0.1	0.7	2.0	285	1.22	<0.5	1.2	6.6	20	<0.1	<0.1	<0.1
2302844	Drill Core	3.77	1.20	<0.01	0.11	3.9	1652.7	2.6	78	0.4	1.4	9.9	882	3.54	1.3	18.2	0.4	70	<0.1	0.5	<0.1
2302845	Drill Core	3.29	1.79	<0.01	0.36	136.2	4051.5	2.8	58	0.6	2.1	8.4	731	3.06	1.5	61.3	0.4	69	<0.1	0.2	0.2
2302846	Drill Core	4.77	0.95	<0.01	0.15	21.6	1394.7	1.3	61	0.4	2.2	10.2	933	3.98	1.6	29.7	0.4	50	<0.1	0.2	<0.1
2302847	Drill Core	4.76	0.89	<0.01	<0.05	11.2	462.1	1.0	66	0.1	1.6	9.3	891	3.74	2.0	3.4	0.3	62	<0.1	0.3	<0.1
2302848	Drill Core	4.89	0.83	<0.01	0.21	1.4	347.7	1.0	74	0.1	1.7	8.5	909	3.60	4.4	2.0	0.4	80	<0.1	0.3	<0.1
2302849	Drill Core	5.02	0.83	<0.01	0.25	2.1	371.0	1.1	72	0.1	1.2	8.1	900	3.47	4.2	15.5	0.4	71	<0.1	0.2	<0.1
2302850	Drill Core	5.10	0.62	<0.01	0.23	5.1	1271.1	1.6	72	0.4	2.0	9.2	810	3.79	2.8	33.1	0.4	76	<0.1	0.4	<0.1

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2302821	Drill Core	41	2.32	0.139	6	2	1.11	130	0.031	<20	1.70	0.085	0.16	2.1	<0.01	2.5	<0.1	0.35	7	<0.5	<0.2
2302822	Drill Core	70	1.87	0.142	7	2	1.21	284	0.086	<20	1.73	0.110	0.10	6.1	<0.01	3.8	<0.1	0.19	8	1.5	<0.2
2302823	Drill Core	71	1.83	0.139	6	2	1.21	255	0.087	<20	1.77	0.116	0.09	3.3	<0.01	3.9	<0.1	0.15	8	1.0	<0.2
2302824	Drill Core	38	1.68	0.142	6	3	1.03	144	0.082	<20	1.61	0.108	0.13	1.6	<0.01	2.9	<0.1	0.19	6	0.8	<0.2
2302825	Drill Core	55	1.91	0.143	7	3	1.09	90	0.044	<20	1.74	0.103	0.13	1.9	<0.01	3.1	<0.1	0.16	7	<0.5	<0.2
2302826	Rock	13	0.19	0.037	13	5	0.25	69	0.071	<20	0.53	0.058	0.29	<0.1	<0.01	1.6	0.1	<0.05	4	0.8	<0.2
2302827	Drill Core	51	1.88	0.150	6	2	1.27	211	0.104	<20	1.79	0.132	0.11	1.9	<0.01	3.6	<0.1	0.11	8	0.9	<0.2
2302828	Drill Core	57	2.14	0.134	6	2	1.64	345	0.100	<20	2.17	0.130	0.13	1.3	<0.01	3.8	<0.1	0.14	10	<0.5	<0.2
2302829 Dup of 2302828	CORE DUP	57	1.83	0.132	5	3	1.64	283	0.099	<20	2.12	0.122	0.12	1.1	<0.01	3.6	<0.1	0.11	9	0.9	<0.2
2302830	Drill Core	55	2.34	0.134	6	1	1.18	249	0.070	<20	1.82	0.106	0.11	2.0	<0.01	2.7	<0.1	0.24	9	0.9	<0.2
2302831	Drill Core	55	2.46	0.138	6	3	1.04	81	0.082	<20	1.86	0.152	0.12	2.7	<0.01	3.0	<0.1	0.15	8	<0.5	<0.2
2302832	Drill Core	60	2.25	0.139	5	3	1.26	75	0.085	<20	2.06	0.157	0.11	1.6	<0.01	3.2	<0.1	0.10	8	<0.5	<0.2
2302833	Rock Pulp	56	1.12	0.081	13	22	0.66	195	0.090	<20	1.09	0.059	0.45	0.2	<0.01	4.2	0.1	0.24	6	1.5	<0.2
2302834	Drill Core	50	3.08	0.144	5	3	0.96	93	0.100	<20	1.96	0.174	0.15	4.2	<0.01	2.5	<0.1	0.38	7	1.0	<0.2
2302835	Drill Core	53	2.29	0.138	5	3	1.21	77	0.103	<20	2.01	0.168	0.12	2.2	<0.01	3.2	<0.1	0.21	8	1.5	<0.2
2302836	Drill Core	48	2.00	0.143	5	3	1.22	64	0.099	<20	1.80	0.101	0.10	4.0	<0.01	2.9	<0.1	0.21	8	<0.5	<0.2
2302837	Drill Core	43	1.49	0.144	5	3	1.12	123	0.108	<20	1.76	0.150	0.09	10.9	<0.01	3.2	<0.1	0.10	8	<0.5	<0.2
2302838	Drill Core	58	2.13	0.143	6	3	1.13	151	0.079	<20	1.85	0.141	0.10	1.7	<0.01	3.4	<0.1	0.08	8	1.3	<0.2
2302839	Drill Core	45	2.35	0.134	6	6	1.09	158	0.068	<20	1.88	0.167	0.10	1.0	<0.01	3.3	<0.1	0.08	7	1.3	<0.2
2302840	Rock Pulp	30	0.78	0.075	4	20	0.57	58	0.035	<20	1.62	0.050	0.29	1.0	<0.01	2.5	0.2	2.05	4	4.0	0.7
2302841	Drill Core	40	1.80	0.144	7	3	1.02	209	0.005	<20	1.69	0.068	0.21	3.0	<0.01	2.3	<0.1	0.29	7	2.0	<0.2
2302842	Drill Core	48	2.12	0.140	7	2	0.96	418	0.002	<20	1.60	0.072	0.21	0.7	<0.01	2.7	<0.1	0.13	7	1.1	<0.2
2302843	Rock	12	0.17	0.032	12	4	0.23	65	0.064	<20	0.47	0.055	0.28	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2302844	Drill Core	51	2.53	0.143	7	2	1.14	193	0.013	<20	1.79	0.094	0.16	1.4	<0.01	2.8	<0.1	0.14	7	0.5	<0.2
2302845	Drill Core	42	2.76	0.136	7	2	0.94	399	0.003	<20	1.55	0.064	0.21	1.5	<0.01	2.6	<0.1	0.38	6	1.4	<0.2
2302846	Drill Core	53	2.43	0.136	7	4	1.24	295	0.027	<20	1.79	0.072	0.12	0.9	<0.01	3.1	<0.1	0.18	8	1.4	<0.2
2302847	Drill Core	54	2.10	0.138	7	2	1.27	347	0.065	<20	1.71	0.089	0.11	0.8	<0.01	3.5	<0.1	0.07	8	<0.5	<0.2
2302848	Drill Core	46	2.41	0.145	6	3	1.16	548	0.071	<20	1.60	0.090	0.10	5.6	<0.01	3.1	<0.1	0.23	8	<0.5	<0.2
2302849	Drill Core	44	2.45	0.134	6	3	1.15	450	0.067	<20	1.59	0.084	0.10	6.6	<0.01	3.1	<0.1	0.25	8	<0.5	<0.2
2302850	Drill Core	50	1.97	0.144	6	5	1.31	398	0.074	<20	1.72	0.080	0.08	5.5	<0.01	3.0	<0.1	0.25	9	<0.5	<0.2

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Project: 204920

Report Date: October 30, 2013

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2302821	Drill Core	0.55	0.38	0.030
2302822	Drill Core	0.45	0.21	0.045
2302823	Drill Core	0.42	0.16	0.038
2302824	Drill Core	0.37	0.19	0.027
2302825	Drill Core	0.46	0.16	0.045
2302826	Rock	0.02	<0.02	<0.005
2302827	Drill Core	0.45	0.12	0.039
2302828	Drill Core	0.55	0.14	0.033
2302829 Dup of 2302828	CORE DUP	0.44	0.12	0.026
2302830	Drill Core	0.60	0.26	0.039
2302831	Drill Core	0.61	0.15	0.019
2302832	Drill Core	0.50	0.09	0.019
2302833	Rock Pulp	0.37	0.25	0.353
2302834	Drill Core	0.67	0.40	0.041
2302835	Drill Core	0.52	0.22	0.018
2302836	Drill Core	0.47	0.21	0.027
2302837	Drill Core	0.29	0.10	0.027
2302838	Drill Core	0.49	0.08	0.022
2302839	Drill Core	0.54	0.07	0.019
2302840	Rock Pulp	0.17	2.12	0.308
2302841	Drill Core	0.48	0.35	0.098
2302842	Drill Core	0.62	0.14	0.046
2302843	Rock	0.03	<0.02	<0.005
2302844	Drill Core	0.69	0.14	0.035
2302845	Drill Core	0.84	0.42	0.093
2302846	Drill Core	0.69	0.20	0.029
2302847	Drill Core	0.54	0.07	0.018
2302848	Drill Core	0.59	0.25	0.013
2302849	Drill Core	0.60	0.26	0.018
2302850	Drill Core	0.46	0.25	0.032

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302851	Drill Core	5.33	0.005	0.099	<0.02	<0.01	<2	<0.001	0.001	0.08	4.26	<0.02	0.04	<0.001	<0.01	<0.01	3.64	0.13	<0.001	1.11	7.91
2302852	Drill Core	5.22	<0.001	0.071	<0.02	<0.01	<2	<0.001	0.001	0.07	4.28	<0.02	0.05	<0.001	<0.01	<0.01	2.85	0.14	<0.001	1.21	8.61
2302853 Dup of 2302852	CORE DUP		<0.001	0.069	<0.02	<0.01	<2	<0.001	0.001	0.07	4.17	<0.02	0.04	<0.001	<0.01	<0.01	2.82	0.14	<0.001	1.19	8.37
2302854	Drill Core	7.26	<0.001	0.087	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.59	<0.02	0.07	<0.001	<0.01	<0.01	3.37	0.14	<0.001	1.25	9.38
2302855	Drill Core	6.22	0.001	0.143	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.51	<0.02	0.05	<0.001	<0.01	<0.01	2.67	0.14	<0.001	1.32	8.90
2302856	Drill Core	7.29	<0.001	0.074	<0.02	<0.01	<2	<0.001	0.001	0.08	4.28	<0.02	0.04	<0.001	<0.01	<0.01	3.74	0.13	<0.001	1.13	7.33
2302857	Drill Core	3.46	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.40	<0.02	0.05	<0.001	<0.01	<0.01	3.25	0.13	<0.001	1.27	8.16
2302858	Drill Core	2.34	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.85	<0.02	0.05	<0.001	<0.01	<0.01	2.85	0.08	<0.001	0.84	7.84
2302859	Drill Core	7.57	<0.001	0.183	<0.02	<0.01	<2	<0.001	0.001	0.07	4.03	<0.02	0.03	<0.001	<0.01	<0.01	4.09	0.12	<0.001	0.96	6.85
2302860	Drill Core	7.29	<0.001	0.030	<0.02	<0.01	<2	0.002	0.002	0.12	5.98	<0.02	0.03	<0.001	<0.01	<0.01	5.16	0.14	0.003	2.53	8.36
2302861	Drill Core	6.57	<0.001	0.044	<0.02	<0.01	<2	<0.001	0.001	0.08	4.58	<0.02	0.04	<0.001	<0.01	<0.01	2.85	0.14	0.002	1.63	8.83
2302862	Drill Core	2.69	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.11	<0.02	0.03	<0.001	<0.01	<0.01	4.52	0.12	<0.001	1.35	7.73
2302863	Drill Core	4.97	<0.001	0.007	<0.02	<0.01	<2	<0.001	0.001	0.08	4.32	<0.02	0.03	<0.001	<0.01	<0.01	3.63	0.13	<0.001	1.28	8.49
2302864	Drill Core	1.90	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.48	<0.02	0.05	<0.001	<0.01	<0.01	3.23	0.14	<0.001	1.66	9.15
2302865	Drill Core	1.75	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.51	<0.02	0.05	<0.001	<0.01	<0.01	2.96	0.13	<0.001	1.65	8.86
2302866	Drill Core	4.44	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.54	<0.02	0.05	<0.001	<0.01	<0.01	3.28	0.10	<0.001	1.09	7.84
2302867	Drill Core	3.22	<0.001	0.016	<0.02	<0.01	<2	<0.001	0.001	0.08	4.22	<0.02	0.05	<0.001	<0.01	<0.01	2.95	0.13	<0.001	1.39	7.66
2302868	Drill Core	7.91	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.41	<0.02	0.05	<0.001	<0.01	<0.01	3.25	0.14	<0.001	1.48	8.25
2302869 Dup of 2302868	CORE DUP		<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.43	<0.02	0.05	<0.001	<0.01	<0.01	3.27	0.13	<0.001	1.48	8.36
2302870	Drill Core	7.71	<0.001	0.062	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.27	<0.02	0.05	<0.001	<0.01	<0.01	3.19	0.13	<0.001	1.30	8.02
2302871	Drill Core	3.23	<0.001	0.088	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.86	<0.02	0.04	<0.001	<0.01	<0.01	3.17	0.13	<0.001	0.91	7.04
2302872	Drill Core	8.35	<0.001	0.010	<0.02	<0.01	<2	0.002	0.002	0.11	5.80	<0.02	0.06	<0.001	<0.01	<0.01	5.78	0.13	0.002	2.19	9.51
2302873	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.23	<0.02	0.05	<0.001	<0.01	<0.01	1.76	0.05	<0.001	0.49	6.47
2302874	Drill Core	3.75	<0.001	0.006	<0.02	<0.01	<2	0.003	0.003	0.12	6.52	<0.02	0.06	<0.001	<0.01	<0.01	6.14	0.13	0.004	2.95	9.20
2302875	Drill Core	3.67	<0.001	0.005	<0.02	<0.01	<2	0.004	0.003	0.12	6.47	<0.02	0.06	<0.001	<0.01	<0.01	6.19	0.13	0.004	2.92	9.30
2302876	Drill Core	8.28	<0.001	0.006	<0.02	<0.01	<2	0.004	0.003	0.12	6.67	<0.02	0.06	<0.001	<0.01	<0.01	6.37	0.12	0.004	3.17	9.28
2302877	Drill Core	6.69	<0.001	0.006	<0.02	<0.01	<2	0.003	0.003	0.12	6.48	<0.02	0.06	<0.001	<0.01	<0.01	6.29	0.12	0.004	2.86	9.37
2302878	Rock	5.16	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.48	<0.02	0.06	<0.001	<0.01	<0.01	1.58	0.03	<0.001	0.24	6.98
2302879	Drill Core	7.89	<0.001	0.006	<0.02	<0.01	<2	0.002	0.002	0.12	6.10	<0.02	0.07	<0.001	<0.01	<0.01	6.20	0.12	0.003	2.34	9.59
2302880 Dup of 2302879	CORE DUP		<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.11	6.06	<0.02	0.07	<0.001	<0.01	<0.01	6.16	0.12	0.003	2.32	9.68

CERTIFICATE OF ANALYSIS

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Method	Analyte	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Unit		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
MDL		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2302851	Drill Core	4.89	0.96	<0.01	0.26	50.0	959.0	1.8	74	0.3	2.4	9.0	749	3.65	1.2	44.5	0.4	58	<0.1	0.2	<0.1
2302852	Drill Core	4.90	0.91	<0.01	0.48	10.9	686.2	2.6	67	0.3	3.5	10.0	638	3.67	1.9	27.7	0.4	42	<0.1	0.2	<0.1
2302853 Dup of 2302852	CORE DUP	4.90	0.89	<0.01	0.45	9.6	671.6	2.5	66	0.3	3.3	9.1	620	3.63	1.8	15.8	0.4	40	<0.1	0.2	<0.1
2302854	Drill Core	5.15	0.83	<0.01	0.81	7.2	851.8	2.4	60	0.3	3.2	10.5	730	3.71	2.5	30.4	0.3	57	<0.1	0.4	0.1
2302855	Drill Core	5.13	0.91	<0.01	0.20	14.8	1442.7	2.0	55	0.3	2.1	9.4	767	3.88	1.0	7.1	0.4	55	<0.1	0.1	<0.1
2302856	Drill Core	5.15	0.66	<0.01	0.28	5.5	759.0	2.0	34	0.2	2.4	9.8	702	3.56	1.6	4.2	0.4	84	<0.1	0.4	0.1
2302857	Drill Core	5.17	0.74	<0.01	0.08	0.5	132.1	1.0	37	<0.1	2.4	8.7	737	3.62	1.7	2.4	0.4	115	<0.1	0.6	<0.1
2302858	Drill Core	4.02	1.57	<0.01	<0.05	1.1	58.7	0.9	35	<0.1	2.4	6.2	560	2.38	1.6	3.0	2.2	105	<0.1	0.3	<0.1
2302859	Drill Core	4.30	1.00	<0.01	0.36	9.1	1887.9	1.8	38	0.4	3.1	11.9	724	3.57	1.1	10.4	0.6	116	<0.1	0.4	0.1
2302860	Drill Core	2.59	1.03	<0.01	<0.05	0.7	287.0	1.6	85	0.1	16.3	23.4	1246	5.12	0.9	3.7	0.3	102	<0.1	<0.1	0.2
2302861	Drill Core	4.82	0.97	<0.01	0.05	2.4	431.0	1.5	57	0.2	5.7	9.1	790	3.75	0.8	11.7	0.3	60	<0.1	0.1	<0.1
2302862	Drill Core	4.44	0.90	<0.01	0.43	1.8	133.7	0.6	51	<0.1	2.6	9.0	842	3.55	1.4	8.6	0.3	109	<0.1	<0.1	<0.1
2302863	Drill Core	4.79	0.95	<0.01	0.05	2.4	65.8	0.7	54	<0.1	2.3	8.9	837	3.69	1.5	2.5	0.4	74	<0.1	0.1	<0.1
2302864	Drill Core	4.70	0.78	<0.01	<0.05	1.9	20.8	0.7	52	<0.1	2.4	8.6	813	3.83	1.4	0.7	0.3	46	<0.1	<0.1	<0.1
2302865	Drill Core	4.48	1.00	<0.01	<0.05	2.6	36.3	0.8	51	<0.1	3.0	8.9	819	3.93	1.4	0.5	0.4	48	<0.1	<0.1	<0.1
2302866	Drill Core	4.11	1.27	<0.01	0.07	0.6	65.7	0.8	33	<0.1	1.5	6.7	624	2.89	2.1	2.5	1.1	87	<0.1	0.1	<0.1
2302867	Drill Core	5.05	0.74	<0.01	<0.05	0.4	162.7	0.7	44	<0.1	2.4	9.5	732	3.68	2.0	6.5	0.4	55	<0.1	0.2	<0.1
2302868	Drill Core	5.05	0.62	<0.01	0.08	2.3	140.6	0.6	48	<0.1	2.7	9.7	772	3.76	2.2	2.3	0.4	55	<0.1	0.3	<0.1
2302869 Dup of 2302868	CORE DUP	5.10	0.63	<0.01	0.08	1.9	135.1	0.6	45	<0.1	2.2	9.0	781	3.70	1.2	3.4	0.3	54	<0.1	0.2	<0.1
2302870	Drill Core	5.17	0.53	<0.01	0.21	6.9	636.8	2.6	43	0.2	2.7	11.1	703	3.60	13.7	13.9	0.3	47	<0.1	0.2	0.1
2302871	Drill Core	5.54	0.60	<0.01	0.21	4.7	898.9	3.4	39	0.2	2.6	8.4	647	3.27	14.3	33.9	0.4	48	<0.1	0.4	<0.1
2302872	Drill Core	2.67	1.46	<0.01	0.12	0.9	99.4	3.2	64	<0.1	18.9	19.6	885	4.27	4.5	5.9	0.6	91	<0.1	0.3	<0.1
2302873	Rock Pulp	3.08	2.40	<0.01	0.19	11.6	172.8	12.6	42	0.1	7.4	5.0	221	1.88	2.4	2.3	3.4	47	0.1	0.2	0.1
2302874	Drill Core	2.35	1.16	<0.01	0.14	0.9	54.9	2.2	69	<0.1	28.7	23.2	877	4.55	3.4	3.1	0.4	98	<0.1	<0.1	<0.1
2302875	Drill Core	2.37	1.16	<0.01	0.15	0.5	53.1	2.3	71	<0.1	29.5	22.2	840	4.35	3.8	3.5	0.3	94	<0.1	0.2	<0.1
2302876	Drill Core	2.19	0.97	<0.01	0.09	0.7	52.6	3.2	72	<0.1	31.5	22.8	790	4.53	5.5	2.8	0.4	139	0.2	0.2	<0.1
2302877	Drill Core	2.45	1.16	<0.01	0.14	0.5	52.4	3.4	71	<0.1	29.3	22.3	775	4.16	3.8	1.6	0.3	80	<0.1	0.2	<0.1
2302878	Rock	3.09	2.39	<0.01	<0.05	0.3	11.4	1.6	50	<0.1	1.7	2.2	302	1.34	<0.5	1.9	5.7	20	<0.1	<0.1	<0.1
2302879	Drill Core	2.48	1.37	<0.01	0.17	0.8	52.6	4.3	72	<0.1	21.1	19.3	814	4.19	7.5	2.0	0.6	106	<0.1	0.3	<0.1
2302880 Dup of 2302879	CORE DUP	2.48	1.37	<0.01	0.18	0.7	51.6	4.3	67	<0.1	19.8	18.8	785	4.03	7.2	2.2	0.5	96	<0.1	0.3	<0.1

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2302851	Drill Core	54	2.86	0.141	7	4	1.10	179	0.034	<20	1.52	0.078	0.12	4.5	<0.01	2.9	<0.1	0.28	8	0.8	<0.2
2302852	Drill Core	56	1.94	0.136	6	9	1.17	127	0.047	<20	1.62	0.087	0.11	2.1	<0.01	3.0	<0.1	0.48	8	2.4	<0.2
2302853 Dup of 2302852	CORE DUP	55	1.93	0.138	6	9	1.17	103	0.045	<20	1.59	0.091	0.11	2.6	<0.01	3.0	<0.1	0.47	8	<0.5	<0.2
2302854	Drill Core	60	1.99	0.136	6	3	1.17	169	0.058	<20	1.51	0.077	0.09	2.8	0.01	3.2	<0.1	0.76	8	0.9	<0.2
2302855	Drill Core	64	2.21	0.142	7	2	1.35	356	0.011	<20	1.78	0.075	0.12	1.1	<0.01	3.2	<0.1	0.23	9	1.1	<0.2
2302856	Drill Core	57	2.94	0.142	8	2	1.22	453	0.020	<20	1.71	0.068	0.11	1.1	<0.01	3.2	<0.1	0.31	8	1.3	<0.2
2302857	Drill Core	53	2.62	0.142	8	2	1.32	618	0.011	<20	1.81	0.070	0.11	0.3	<0.01	3.3	<0.1	0.11	8	<0.5	<0.2
2302858	Drill Core	43	2.13	0.085	6	8	0.84	572	0.018	<20	1.12	0.075	0.09	0.4	0.01	3.7	<0.1	<0.05	6	1.6	<0.2
2302859	Drill Core	50	3.92	0.146	9	3	1.04	401	0.005	<20	1.67	0.063	0.14	3.0	0.01	3.2	<0.1	0.39	7	1.7	<0.2
2302860	Drill Core	111	4.48	0.138	12	33	2.50	387	0.032	<20	3.04	0.052	0.13	0.3	<0.01	10.8	<0.1	0.05	10	2.3	<0.2
2302861	Drill Core	40	2.40	0.136	7	17	1.57	297	0.015	<20	2.11	0.063	0.13	0.3	0.01	2.9	<0.1	0.08	8	0.9	<0.2
2302862	Drill Core	40	4.12	0.123	7	2	1.31	545	0.007	<20	1.89	0.054	0.11	3.3	0.02	2.9	<0.1	0.43	9	1.0	<0.2
2302863	Drill Core	40	3.39	0.138	8	3	1.26	711	0.004	<20	1.91	0.063	0.12	0.2	<0.01	2.7	<0.1	0.07	8	<0.5	<0.2
2302864	Drill Core	36	2.38	0.135	7	6	1.62	132	0.029	<20	2.06	0.076	0.09	<0.1	<0.01	3.7	<0.1	0.06	9	<0.5	<0.2
2302865	Drill Core	39	2.27	0.136	7	3	1.63	170	0.029	<20	2.10	0.075	0.12	<0.1	<0.01	3.3	<0.1	0.06	9	0.5	<0.2
2302866	Drill Core	27	2.16	0.104	5	5	1.13	611	0.037	<20	1.52	0.067	0.11	0.2	0.02	2.6	<0.1	0.09	7	0.6	<0.2
2302867	Drill Core	55	1.94	0.136	5	3	1.45	181	0.071	<20	1.90	0.088	0.09	0.8	<0.01	3.1	<0.1	0.07	8	<0.5	<0.2
2302868	Drill Core	49	2.13	0.139	5	4	1.50	280	0.087	<20	2.03	0.081	0.10	4.7	<0.01	2.4	<0.1	0.10	8	0.6	<0.2
2302869 Dup of 2302868	CORE DUP	50	2.11	0.136	5	3	1.51	282	0.082	<20	2.04	0.073	0.09	4.1	<0.01	2.4	<0.1	0.11	8	0.9	<0.2
2302870	Drill Core	44	1.72	0.141	5	3	1.38	122	0.087	<20	1.87	0.099	0.08	3.9	<0.01	2.3	<0.1	0.25	7	0.8	<0.2
2302871	Drill Core	47	2.01	0.140	5	4	1.02	169	0.074	<20	1.61	0.099	0.07	1.3	<0.01	2.2	<0.1	0.24	7	<0.5	<0.2
2302872	Drill Core	122	2.68	0.129	10	25	2.00	87	0.205	<20	2.77	0.115	0.08	0.5	0.01	6.1	<0.1	0.14	8	1.3	<0.2
2302873	Rock Pulp	26	0.88	0.062	11	11	0.43	36	0.021	<20	0.78	0.065	0.14	0.5	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
2302874	Drill Core	132	2.50	0.125	8	32	2.34	38	0.270	<20	3.09	0.133	0.06	0.2	<0.01	4.6	<0.1	0.16	8	<0.5	<0.2
2302875	Drill Core	126	2.33	0.119	8	30	2.26	37	0.264	<20	2.95	0.120	0.05	0.1	0.01	4.5	<0.1	0.15	8	<0.5	<0.2
2302876	Drill Core	131	2.44	0.114	8	28	2.24	54	0.246	<20	3.57	0.232	0.05	0.1	0.01	2.9	<0.1	0.11	9	0.9	<0.2
2302877	Drill Core	110	2.02	0.121	8	30	2.18	29	0.244	<20	2.74	0.089	0.05	0.2	<0.01	3.2	<0.1	0.16	7	<0.5	<0.2
2302878	Rock	13	0.20	0.035	12	6	0.26	70	0.071	<20	0.50	0.051	0.29	<0.1	<0.01	1.6	0.1	<0.05	3	0.5	<0.2
2302879	Drill Core	115	2.41	0.123	9	24	1.92	87	0.226	<20	2.95	0.140	0.06	0.2	<0.01	4.0	<0.1	0.20	8	<0.5	<0.2
2302880 Dup of 2302879	CORE DUP	109	2.28	0.121	8	23	1.85	81	0.201	<20	2.81	0.129	0.06	0.2	<0.01	3.6	<0.1	0.19	7	<0.5	<0.2

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Project: 204920

Report Date: October 30, 2013

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CERTIFICATE OF ANALYSIS

SMI13000358.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2302851	Drill Core	0.76	0.27	0.048
2302852	Drill Core	0.54	0.52	0.031
2302853 Dup of 2302852	CORE DUP	0.53	0.49	0.033
2302854	Drill Core	0.50	0.86	0.032
2302855	Drill Core	0.56	0.23	0.016
2302856	Drill Core	0.78	0.32	0.005
2302857	Drill Core	0.66	0.11	0.007
2302858	Drill Core	0.57	0.04	<0.005
2302859	Drill Core	1.15	0.44	0.023
2302860	Drill Core	1.36	0.06	<0.005
2302861	Drill Core	0.67	0.08	0.023
2302862	Drill Core	1.15	0.47	0.014
2302863	Drill Core	1.00	0.08	<0.005
2302864	Drill Core	0.62	0.07	0.006
2302865	Drill Core	0.58	0.05	<0.005
2302866	Drill Core	0.52	0.09	0.005
2302867	Drill Core	0.44	0.06	<0.005
2302868	Drill Core	0.49	0.10	<0.005
2302869 Dup of 2302868	CORE DUP	0.49	0.10	<0.005
2302870	Drill Core	0.38	0.26	0.021
2302871	Drill Core	0.48	0.24	0.029
2302872	Drill Core	0.53	0.16	<0.005
2302873	Rock Pulp	0.22	0.21	<0.005
2302874	Drill Core	0.39	0.18	<0.005
2302875	Drill Core	0.39	0.18	<0.005
2302876	Drill Core	0.26	0.12	<0.005
2302877	Drill Core	0.32	0.17	<0.005
2302878	Rock	0.02	<0.02	<0.005
2302879	Drill Core	0.38	0.22	<0.005
2302880 Dup of 2302879	CORE DUP	0.37	0.22	<0.005

CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302881	Drill Core	7.58	<0.001	0.029	<0.02	<0.01	<2	0.002	0.001	0.09	4.95	<0.02	0.06	<0.001	<0.01	<0.01	4.24	0.14	0.001	1.66	9.73
2302882	Drill Core	7.73	<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.78	<0.02	0.07	<0.001	<0.01	<0.01	3.85	0.14	<0.001	1.33	9.78
2302883	Rock Pulp	0.15	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.57	<0.02	0.06	<0.001	<0.01	<0.01	2.24	0.06	<0.001	0.67	7.70
2302884	Drill Core	6.92	<0.001	0.077	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.41	<0.02	0.06	<0.001	<0.01	<0.01	3.22	0.14	<0.001	1.27	9.30
2302885	Drill Core	7.01	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.39	<0.02	0.07	<0.001	<0.01	<0.01	3.72	0.14	<0.001	1.23	8.62
2302886	Drill Core	7.00	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.56	<0.02	0.06	<0.001	<0.01	<0.01	4.30	0.13	<0.001	1.12	8.92
2302887	Drill Core	7.29	0.001	0.123	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.47	<0.02	0.06	<0.001	<0.01	<0.01	2.89	0.14	<0.001	1.25	8.15
2302888	Drill Core	8.37	0.002	0.121	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.44	<0.02	0.05	<0.001	<0.01	<0.01	2.90	0.13	<0.001	1.15	7.23
2302889	Drill Core	6.22	0.001	0.305	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.90	<0.02	0.04	<0.001	<0.01	<0.01	2.84	0.13	<0.001	1.30	7.00
2302890	Drill Core	7.69	<0.001	0.052	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.83	<0.02	0.04	<0.001	<0.01	<0.01	3.16	0.13	<0.001	1.04	5.57
2302891	Drill Core	3.59	<0.001	0.054	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.45	<0.02	0.05	<0.001	<0.01	<0.01	2.77	0.13	<0.001	1.21	6.90
2302892	Drill Core	3.41	<0.001	0.047	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.36	<0.02	0.05	<0.001	<0.01	<0.01	2.86	0.13	<0.001	1.15	6.61
2302893	Drill Core	7.36	<0.001	0.043	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.21	<0.02	0.04	<0.001	<0.01	<0.01	2.35	0.13	<0.001	1.61	8.48
2302894	Drill Core	7.10	0.003	0.041	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.14	<0.02	0.03	<0.001	<0.01	<0.01	2.55	0.13	<0.001	1.56	7.70
2302895	Drill Core	3.39	<0.001	0.044	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.53	<0.02	0.05	<0.001	<0.01	<0.01	3.22	0.14	<0.001	1.82	9.43
2302896	Rock	4.89	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.47	<0.02	0.05	<0.001	<0.01	<0.01	1.47	0.03	<0.001	0.22	6.79
2302897	Drill Core	11.39	<0.001	0.025	<0.02	<0.01	<2	<0.001	0.001	0.08	4.43	<0.02	0.04	<0.001	<0.01	<0.01	2.92	0.14	<0.001	1.68	9.16
2302898	Drill Core	7.09	<0.001	0.063	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.09	<0.02	0.05	<0.001	<0.01	<0.01	2.61	0.15	<0.001	1.48	8.73
2302899	Drill Core	7.32	<0.001	0.060	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.26	<0.02	0.05	<0.001	<0.01	<0.01	2.97	0.14	<0.001	1.32	9.09
2302900 Dup of 2302899	CORE DUP		<0.001	0.062	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.14	<0.02	0.05	<0.001	<0.01	<0.01	2.91	0.14	<0.001	1.28	8.17
2302901	Drill Core	6.39	0.002	0.055	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.97	<0.02	0.05	<0.001	<0.01	<0.01	3.74	0.13	<0.001	1.43	8.35
2302902	Drill Core	7.43	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.76	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.13	<0.001	1.71	8.76
2302903	Drill Core	6.63	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.35	<0.02	0.02	<0.001	<0.01	<0.01	2.42	0.12	<0.001	1.36	7.82
2302904	Drill Core	5.85	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.06	<0.02	0.03	<0.001	<0.01	<0.01	3.05	0.12	<0.001	1.13	6.89
2302905	Drill Core	7.39	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.93	<0.02	0.04	<0.001	<0.01	<0.01	3.82	0.12	<0.001	0.96	6.26
2302906	Drill Core	5.04	<0.001	0.065	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.99	<0.02	0.05	<0.001	<0.01	<0.01	2.82	0.14	<0.001	1.20	8.84



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Project: 204920
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CERTIFICATE OF ANALYSIS

SMI13000358.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302881	Drill Core	4.81	0.58	<0.01	0.10	3.2	268.6	1.4	44	<0.1	8.0	12.3	714	3.70	7.2	5.8	0.6	88	<0.1	0.3	<0.1
2302882	Drill Core	4.87	0.63	<0.01	0.29	0.9	280.1	0.8	33	<0.1	2.1	8.9	555	3.57	3.9	2.6	0.4	70	<0.1	0.2	<0.1
2302883	Rock Pulp	3.33	1.76	<0.01	0.24	38.9	722.7	21.0	49	0.4	8.3	8.7	234	2.20	3.2	0.7	3.0	55	0.2	0.1	0.2
2302884	Drill Core	5.38	0.56	<0.01	0.17	4.4	798.2	0.5	29	0.1	2.2	9.8	538	3.56	2.4	15.9	0.4	62	<0.1	0.2	<0.1
2302885	Drill Core	5.27	0.65	<0.01	0.14	1.8	72.6	0.4	34	<0.1	2.3	8.3	551	3.44	3.1	3.8	0.3	67	<0.1	0.3	<0.1
2302886	Drill Core	4.32	0.87	<0.01	0.14	1.4	162.7	0.6	33	<0.1	2.5	8.2	578	3.73	1.8	4.2	0.3	84	<0.1	0.2	<0.1
2302887	Drill Core	5.19	0.77	<0.01	0.16	11.5	1205.8	0.7	27	0.1	2.6	9.5	527	3.76	2.0	17.8	0.4	54	<0.1	0.3	<0.1
2302888	Drill Core	5.49	0.71	<0.01	0.14	15.6	1199.5	0.6	31	<0.1	2.3	7.5	539	3.70	2.4	12.3	0.4	58	<0.1	0.5	<0.1
2302889	Drill Core	4.72	0.89	<0.01	0.31	9.6	3077.6	1.4	39	0.2	2.4	8.6	672	3.47	1.6	44.8	0.5	76	0.2	0.4	0.2
2302890	Drill Core	5.12	0.68	<0.01	0.10	6.2	527.0	0.7	47	0.1	1.9	8.7	859	3.61	2.8	23.5	0.6	70	<0.1	0.5	<0.1
2302891	Drill Core	4.90	0.96	<0.01	<0.05	2.2	542.2	0.6	50	0.2	1.7	8.4	856	3.93	1.7	30.5	0.4	62	<0.1	0.2	0.1
2302892	Drill Core	4.72	0.93	<0.01	<0.05	1.8	462.8	0.6	49	0.1	1.6	8.5	872	4.04	2.0	9.1	0.4	64	<0.1	0.2	0.1
2302893	Drill Core	4.36	1.41	<0.01	0.06	6.6	445.2	1.4	61	0.1	2.9	9.6	796	3.73	1.8	40.4	0.9	57	<0.1	0.3	0.2
2302894	Drill Core	4.45	1.41	<0.01	<0.05	32.1	415.9	1.3	74	0.2	3.6	11.2	835	3.63	2.4	23.1	1.0	58	<0.1	0.2	0.1
2302895	Drill Core	4.52	0.94	<0.01	<0.05	2.8	443.4	1.2	86	0.2	2.0	11.9	934	3.85	2.3	39.1	1.1	64	<0.1	0.6	<0.1
2302896	Rock	2.96	2.46	<0.01	<0.05	0.4	9.4	1.7	51	<0.1	1.8	2.1	312	1.42	<0.5	0.7	6.7	24	<0.1	<0.1	<0.1
2302897	Drill Core	4.81	1.09	<0.01	<0.05	6.1	253.9	0.7	53	0.1	2.1	10.2	751	3.77	3.9	32.4	0.9	45	<0.1	0.4	<0.1
2302898	Drill Core	5.21	0.72	<0.01	0.08	6.2	636.6	0.9	33	<0.1	2.8	8.6	656	3.55	2.4	10.4	0.6	80	<0.1	0.4	<0.1
2302899	Drill Core	5.05	0.91	<0.01	0.07	0.9	587.0	3.1	29	<0.1	1.7	8.6	583	3.54	2.5	4.5	0.6	63	<0.1	0.4	<0.1
2302900 Dup of 2302899	CORE DUP	4.93	0.88	<0.01	0.07	1.1	622.1	0.9	28	<0.1	2.1	8.6	600	3.64	2.4	2.4	0.6	66	<0.1	0.2	0.1
2302901	Drill Core	4.98	0.85	0.02	<0.05	17.4	548.2	0.9	29	0.1	1.5	9.0	641	3.27	3.6	6.3	0.8	97	<0.1	0.7	0.2
2302902	Drill Core	4.89	0.74	<0.01	<0.05	1.0	69.1	0.8	55	<0.1	1.8	10.6	860	3.93	4.3	6.8	0.9	100	<0.1	0.7	<0.1
2302903	Drill Core	5.16	0.72	<0.01	<0.05	0.7	86.0	2.5	55	<0.1	1.8	8.5	761	3.85	2.1	6.8	0.7	55	<0.1	0.2	<0.1
2302904	Drill Core	5.17	0.62	<0.01	0.14	3.4	401.8	1.4	51	<0.1	3.4	9.3	689	3.74	4.3	8.8	0.5	73	<0.1	0.4	0.2
2302905	Drill Core	5.52	0.58	<0.01	<0.05	1.0	114.7	1.2	47	<0.1	1.9	6.7	707	3.35	1.8	12.0	0.5	56	<0.1	0.5	0.2
2302906	Drill Core	5.46	0.89	<0.01	<0.05	7.0	660.7	0.9	70	0.3	2.6	8.4	709	3.35	2.4	12.5	0.5	54	<0.1	0.5	0.1



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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
2302881	Drill Core	84	2.20	0.132	7	12	1.50	91	0.135	<20	2.33	0.126	0.06	3.2	<0.01	5.1	<0.1	0.11	8	2.1	<0.2
2302882	Drill Core	55	1.45	0.137	5	3	1.28	77	0.099	<20	1.85	0.102	0.06	0.7	0.01	2.4	<0.1	0.30	7	<0.5	<0.2
2302883	Rock Pulp	38	0.65	0.071	8	13	0.60	55	0.046	<20	0.91	0.070	0.15	1.2	<0.01	2.3	<0.1	0.24	5	<0.5	<0.2
2302884	Drill Core	57	1.53	0.141	5	3	1.30	83	0.101	<20	1.92	0.105	0.06	3.1	<0.01	2.9	<0.1	0.20	8	0.9	<0.2
2302885	Drill Core	59	1.80	0.143	5	4	1.24	136	0.081	<20	1.73	0.091	0.06	9.1	<0.01	3.3	<0.1	0.16	7	1.0	<0.2
2302886	Drill Core	73	2.33	0.144	6	2	1.04	179	0.075	<20	1.97	0.168	0.09	3.9	<0.01	4.4	<0.1	0.17	7	<0.5	<0.2
2302887	Drill Core	69	1.44	0.141	5	3	1.28	96	0.081	<20	1.65	0.106	0.07	5.5	0.01	3.6	<0.1	0.18	8	<0.5	<0.2
2302888	Drill Core	60	1.62	0.144	6	3	1.23	195	0.070	<20	1.60	0.088	0.07	6.7	<0.01	3.5	<0.1	0.17	8	1.8	<0.2
2302889	Drill Core	65	1.89	0.139	7	3	1.42	446	0.071	<20	1.82	0.079	0.11	15.4	0.01	3.5	<0.1	0.32	9	1.9	<0.2
2302890	Drill Core	69	2.49	0.137	7	4	1.22	228	0.057	<20	1.67	0.100	0.10	1.7	0.02	3.4	<0.1	0.15	8	<0.5	<0.2
2302891	Drill Core	67	2.00	0.139	7	3	1.28	98	0.053	<20	1.56	0.125	0.12	1.8	0.02	3.6	<0.1	0.06	8	0.9	<0.2
2302892	Drill Core	68	2.00	0.137	7	3	1.24	214	0.055	<20	1.62	0.134	0.13	1.5	0.01	3.6	<0.1	0.08	8	<0.5	<0.2
2302893	Drill Core	63	2.12	0.139	7	2	1.56	245	0.006	<20	1.95	0.078	0.18	0.9	<0.01	3.1	<0.1	0.09	9	0.5	<0.2
2302894	Drill Core	61	2.34	0.132	8	4	1.57	225	0.008	<20	1.95	0.079	0.19	4.8	0.03	3.0	<0.1	0.07	10	0.6	<0.2
2302895	Drill Core	59	2.01	0.134	7	2	1.81	101	0.072	<20	2.23	0.103	0.11	1.0	0.02	3.5	<0.1	0.06	10	1.0	<0.2
2302896	Rock	13	0.20	0.034	15	6	0.25	76	0.074	<20	0.56	0.074	0.31	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2302897	Drill Core	65	2.16	0.136	6	2	1.61	83	0.096	<20	2.04	0.095	0.14	13.8	<0.01	3.6	<0.1	<0.05	10	<0.5	<0.2
2302898	Drill Core	78	1.63	0.141	6	5	1.48	486	0.110	<20	1.94	0.097	0.10	5.9	0.02	3.2	<0.1	0.11	9	0.6	<0.2
2302899	Drill Core	61	1.84	0.144	6	<1	1.31	260	0.102	<20	1.82	0.096	0.12	1.2	<0.01	3.1	<0.1	0.09	9	0.6	<0.2
2302900 Dup of 2302899	CORE DUP	61	1.89	0.139	6	2	1.33	269	0.104	<20	1.86	0.096	0.12	1.2	<0.01	3.0	<0.1	0.09	9	0.6	<0.2
2302901	Drill Core	40	2.82	0.125	7	2	1.41	357	0.062	<20	1.92	0.066	0.14	68.0	<0.01	3.3	<0.1	0.07	10	0.6	<0.2
2302902	Drill Core	39	2.43	0.119	8	2	1.67	533	0.056	<20	2.06	0.066	0.10	1.9	<0.01	3.3	<0.1	<0.05	11	<0.5	<0.2
2302903	Drill Core	27	2.25	0.123	9	2	1.37	388	0.010	<20	1.85	0.070	0.12	0.5	<0.01	2.7	<0.1	<0.05	8	1.1	<0.2
2302904	Drill Core	45	2.81	0.131	8	3	1.24	150	0.003	<20	1.88	0.065	0.10	1.7	<0.01	2.9	<0.1	0.17	9	0.6	<0.2
2302905	Drill Core	34	3.28	0.134	8	3	1.09	51	0.015	<20	1.54	0.083	0.09	1.8	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
2302906	Drill Core	34	1.98	0.143	7	2	1.19	87	0.069	<20	1.66	0.080	0.11	0.4	0.02	2.8	<0.1	0.06	8	<0.5	<0.2

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Project: 204920

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2302881	Drill Core	0.43	0.12	0.008
2302882	Drill Core	0.24	0.32	<0.005
2302883	Rock Pulp	0.14	0.26	<0.005
2302884	Drill Core	0.26	0.21	<0.005
2302885	Drill Core	0.33	0.16	<0.005
2302886	Drill Core	0.28	0.20	<0.005
2302887	Drill Core	0.41	0.17	0.016
2302888	Drill Core	0.38	0.18	0.017
2302889	Drill Core	0.45	0.36	0.159
2302890	Drill Core	0.64	0.15	0.029
2302891	Drill Core	0.52	0.07	0.020
2302892	Drill Core	0.50	0.07	0.017
2302893	Drill Core	0.58	0.08	0.039
2302894	Drill Core	0.65	0.07	0.036
2302895	Drill Core	0.48	0.05	0.038
2302896	Rock	0.03	<0.02	0.005
2302897	Drill Core	0.54	0.02	0.038
2302898	Drill Core	0.37	0.11	0.023
2302899	Drill Core	0.45	0.09	0.008
2302900 Dup of 2302899	CORE DUP	0.45	0.09	0.006
2302901	Drill Core	0.78	0.07	0.015
2302902	Drill Core	0.69	0.03	0.010
2302903	Drill Core	0.65	0.04	0.009
2302904	Drill Core	0.79	0.16	0.022
2302905	Drill Core	0.93	0.04	0.016
2302906	Drill Core	0.52	0.05	0.021

QUALITY CONTROL REPORT

SMI13000358.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
2302846	Drill Core	7.62	0.002	0.140	<0.02	<0.01	<2	<0.001	0.001	0.10	4.44	<0.02	0.04	<0.001	<0.01	<0.01	2.99	0.14	<0.001	1.19	7.16
REP 2302846	QC		0.002	0.144	<0.02	<0.01	<2	<0.001	0.001	0.10	4.61	<0.02	0.05	<0.001	<0.01	<0.01	3.14	0.14	<0.001	1.26	8.44
2302849	Drill Core	2.74	<0.001	0.040	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.28	<0.02	0.06	<0.001	<0.01	<0.01	3.66	0.13	<0.001	1.20	8.82
REP 2302849	QC																				
2302850	Drill Core	7.38	<0.001	0.125	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.43	<0.02	0.06	<0.001	<0.01	<0.01	3.18	0.13	<0.001	1.26	8.35
REP 2302850	QC																				
2302860	Drill Core	7.29	<0.001	0.030	<0.02	<0.01	<2	0.002	0.002	0.12	5.98	<0.02	0.03	<0.001	<0.01	<0.01	5.16	0.14	0.003	2.53	8.36
REP 2302860	QC																				
2302881	Drill Core	7.58	<0.001	0.029	<0.02	<0.01	<2	0.002	0.001	0.09	4.95	<0.02	0.06	<0.001	<0.01	<0.01	4.24	0.14	0.001	1.66	9.73
REP 2302881	QC		<0.001	0.028	<0.02	<0.01	<2	<0.001	0.001	0.09	4.79	<0.02	0.05	<0.001	<0.01	<0.01	4.20	0.13	0.001	1.63	9.47
2302884	Drill Core	6.92	<0.001	0.077	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.41	<0.02	0.06	<0.001	<0.01	<0.01	3.22	0.14	<0.001	1.27	9.30
REP 2302884	QC																				
2302885	Drill Core	7.01	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.39	<0.02	0.07	<0.001	<0.01	<0.01	3.72	0.14	<0.001	1.23	8.62
REP 2302885	QC																				
2302893	Drill Core	7.36	<0.001	0.043	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.21	<0.02	0.04	<0.001	<0.01	<0.01	2.35	0.13	<0.001	1.61	8.48
REP 2302893	QC		<0.001	0.043	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.20	<0.02	0.04	<0.001	<0.01	<0.01	2.31	0.14	<0.001	1.60	8.23
2302906	Drill Core	5.04	<0.001	0.065	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.99	<0.02	0.05	<0.001	<0.01	<0.01	2.82	0.14	<0.001	1.20	8.84
REP 2302906	QC																				
REP 2302841	QC																				
Core Reject Duplicates																					
2302839	Drill Core	4.85	<0.001	0.062	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.56	<0.02	0.05	<0.001	<0.01	<0.01	4.46	0.14	<0.001	1.14	9.20
DUP 2302839	QC		<0.001	0.059	<0.02	<0.01	<2	<0.001	0.001	0.12	4.52	<0.02	0.05	<0.001	<0.01	<0.01	4.42	0.14	<0.001	1.13	9.25
2302877	Drill Core	6.69	<0.001	0.006	<0.02	<0.01	<2	0.003	0.003	0.12	6.48	<0.02	0.06	<0.001	<0.01	<0.01	6.29	0.12	0.004	2.86	9.37
DUP 2302877	QC		<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.12	6.43	<0.02	0.06	<0.001	<0.01	<0.01	6.30	0.13	0.004	2.87	9.38
Reference Materials																					
STD CDN-ME-14	Standard		0.001	1.255	0.50	3.07	45	0.002	0.017	0.09	17.89	<0.02	<0.01	0.010	<0.01	0.01	0.70	0.02	0.001	1.23	4.06
STD CDN-ME-9	Standard		<0.001	0.669	<0.02	0.01	3	0.970	0.018	0.12	13.83	<0.02	0.03	0.001	<0.01	<0.01	4.25	0.06	0.028	4.05	6.82
STD CDN-ME-14	Standard		0.001	1.236	0.50	3.09	45	0.002	0.018	0.09	18.06	<0.02	<0.01	0.011	<0.01	0.01	0.75	0.01	0.001	1.24	4.49

QUALITY CONTROL REPORT

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Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2302846	Drill Core	4.77	0.95	<0.01	0.15	21.6	1394.7	1.3	61	0.4	2.2	10.2	933	3.98	1.6	29.7	0.4	50	<0.1	0.2	<0.1
REP 2302846	QC	4.80	1.00	<0.01	0.15																
2302849	Drill Core	5.02	0.83	<0.01	0.25	2.1	371.0	1.1	72	0.1	1.2	8.1	900	3.47	4.2	15.5	0.4	71	<0.1	0.2	<0.1
REP 2302849	QC					2.2	385.0	1.0	73	0.1	1.3	8.4	924	3.54	4.1	4.5	0.4	73	<0.1	0.3	<0.1
2302850	Drill Core	5.10	0.62	<0.01	0.23	5.1	1271.1	1.6	72	0.4	2.0	9.2	810	3.79	2.8	33.1	0.4	76	<0.1	0.4	<0.1
REP 2302850	QC																				
2302860	Drill Core	2.59	1.03	<0.01	<0.05	0.7	287.0	1.6	85	0.1	16.3	23.4	1246	5.12	0.9	3.7	0.3	102	<0.1	<0.1	0.2
REP 2302860	QC																				
2302881	Drill Core	4.81	0.58	<0.01	0.10	3.2	268.6	1.4	44	<0.1	8.0	12.3	714	3.70	7.2	5.8	0.6	88	<0.1	0.3	<0.1
REP 2302881	QC	4.72	0.57	<0.01	0.09																
2302884	Drill Core	5.38	0.56	<0.01	0.17	4.4	798.2	0.5	29	0.1	2.2	9.8	538	3.56	2.4	15.9	0.4	62	<0.1	0.2	<0.1
REP 2302884	QC					4.7	801.8	0.5	31	0.2	2.2	9.5	531	3.59	2.4	3.4	0.4	63	0.1	0.3	<0.1
2302885	Drill Core	5.27	0.65	<0.01	0.14	1.8	72.6	0.4	34	<0.1	2.3	8.3	551	3.44	3.1	3.8	0.3	67	<0.1	0.3	<0.1
REP 2302885	QC																				
2302893	Drill Core	4.36	1.41	<0.01	0.06	6.6	445.2	1.4	61	0.1	2.9	9.6	796	3.73	1.8	40.4	0.9	57	<0.1	0.3	0.2
REP 2302893	QC	4.36	1.41	<0.01	0.07																
2302906	Drill Core	5.46	0.89	<0.01	<0.05	7.0	660.7	0.9	70	0.3	2.6	8.4	709	3.35	2.4	12.5	0.5	54	<0.1	0.5	0.1
REP 2302906	QC					7.2	657.4	1.0	69	0.4	2.8	8.0	717	3.38	2.7	7.9	0.5	54	0.1	0.3	0.1
REP 2302841	QC																				
Core Reject Duplicates																					
2302839	Drill Core	3.81	0.84	<0.01	<0.05	1.4	638.1	1.8	75	0.2	1.9	9.2	1020	3.79	1.7	12.0	0.3	69	<0.1	0.3	<0.1
DUP 2302839	QC	3.74	0.84	<0.01	<0.05	1.3	606.7	1.2	77	0.2	2.7	9.0	1041	3.86	2.1	17.6	0.4	69	<0.1	0.3	<0.1
2302877	Drill Core	2.45	1.16	<0.01	0.14	0.5	52.4	3.4	71	<0.1	29.3	22.3	775	4.16	3.8	1.6	0.3	80	<0.1	0.2	<0.1
DUP 2302877	QC	2.48	1.16	<0.01	0.14	0.7	52.6	3.5	71	<0.1	29.6	22.1	774	4.13	3.5	1.1	0.4	79	<0.1	0.2	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.53	1.59	<0.01	16.01																
STD CDN-ME-9	Standard	1.83	0.59	<0.01	2.52																
STD CDN-ME-14	Standard	0.54	1.60	<0.01	16.00																

QUALITY CONTROL REPORT

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2302846	Drill Core	53	2.43	0.136	7	4	1.24	295	0.027	<20	1.79	0.072	0.12	0.9	<0.01	3.1	<0.1	0.18	8	1.4	<0.2
REP 2302846	QC																				
2302849	Drill Core	44	2.45	0.134	6	3	1.15	450	0.067	<20	1.59	0.084	0.10	6.6	<0.01	3.1	<0.1	0.25	8	<0.5	<0.2
REP 2302849	QC	45	2.50	0.134	6	3	1.18	453	0.065	<20	1.62	0.083	0.10	5.7	<0.01	3.0	<0.1	0.25	8	1.5	<0.2
2302850	Drill Core	50	1.97	0.144	6	5	1.31	398	0.074	<20	1.72	0.080	0.08	5.5	<0.01	3.0	<0.1	0.25	9	<0.5	<0.2
REP 2302850	QC																				
2302860	Drill Core	111	4.48	0.138	12	33	2.50	387	0.032	<20	3.04	0.052	0.13	0.3	<0.01	10.8	<0.1	0.05	10	2.3	<0.2
REP 2302860	QC																				
2302881	Drill Core	84	2.20	0.132	7	12	1.50	91	0.135	<20	2.33	0.126	0.06	3.2	<0.01	5.1	<0.1	0.11	8	2.1	<0.2
REP 2302881	QC																				
2302884	Drill Core	57	1.53	0.141	5	3	1.30	83	0.101	<20	1.92	0.105	0.06	3.1	<0.01	2.9	<0.1	0.20	8	0.9	<0.2
REP 2302884	QC	56	1.55	0.148	5	3	1.30	81	0.101	<20	1.89	0.104	0.06	3.2	<0.01	2.7	<0.1	0.20	8	<0.5	<0.2
2302885	Drill Core	59	1.80	0.143	5	4	1.24	136	0.081	<20	1.73	0.091	0.06	9.1	<0.01	3.3	<0.1	0.16	7	1.0	<0.2
REP 2302885	QC																				
2302893	Drill Core	63	2.12	0.139	7	2	1.56	245	0.006	<20	1.95	0.078	0.18	0.9	<0.01	3.1	<0.1	0.09	9	0.5	<0.2
REP 2302893	QC																				
2302906	Drill Core	34	1.98	0.143	7	2	1.19	87	0.069	<20	1.66	0.080	0.11	0.4	0.02	2.8	<0.1	0.06	8	<0.5	<0.2
REP 2302906	QC	34	1.99	0.142	7	3	1.20	88	0.067	<20	1.68	0.080	0.11	0.3	<0.01	2.7	<0.1	0.06	8	<0.5	<0.2
REP 2302841	QC																				
Core Reject Duplicates																					
2302839	Drill Core	45	2.35	0.134	6	6	1.09	158	0.068	<20	1.88	0.167	0.10	1.0	<0.01	3.3	<0.1	0.08	7	1.3	<0.2
DUP 2302839	QC	45	2.30	0.145	6	7	1.09	162	0.068	<20	1.89	0.162	0.10	1.0	<0.01	3.3	<0.1	0.07	8	1.1	<0.2
2302877	Drill Core	110	2.02	0.121	8	30	2.18	29	0.244	<20	2.74	0.089	0.05	0.2	<0.01	3.2	<0.1	0.16	7	<0.5	<0.2
DUP 2302877	QC	108	1.98	0.122	8	31	2.18	24	0.239	<20	2.74	0.088	0.05	0.1	<0.01	3.2	<0.1	0.16	7	0.7	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				

QUALITY CONTROL REPORT

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
2302846	Drill Core	0.69	0.20 0.029
REP 2302846	QC		
2302849	Drill Core	0.60	0.26 0.018
REP 2302849	QC		
2302850	Drill Core	0.46	0.25 0.032
REP 2302850	QC	0.46	0.26
2302860	Drill Core	1.36	0.06 <0.005
REP 2302860	QC		<0.005
2302881	Drill Core	0.43	0.12 0.008
REP 2302881	QC		
2302884	Drill Core	0.26	0.21 <0.005
REP 2302884	QC		
2302885	Drill Core	0.33	0.16 <0.005
REP 2302885	QC	0.33	0.16
2302893	Drill Core	0.58	0.08 0.039
REP 2302893	QC		
2302906	Drill Core	0.52	0.05 0.021
REP 2302906	QC	0.52	0.06
REP 2302841	QC		0.134
Core Reject Duplicates			
2302839	Drill Core	0.54	0.07 0.019
DUP 2302839	QC	0.53	0.07 0.020
2302877	Drill Core	0.32	0.17 <0.005
DUP 2302877	QC	0.28	0.16 <0.005
Reference Materials			
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD CDN-ME-14	Standard		



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Project: 204920
 Report Date: October 30, 2013

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD CDN-ME-9	Standard	<0.001	0.650	<0.02	0.01	4	0.944	0.017	0.12	13.54	<0.02	0.03	0.001	<0.01	<0.01	4.15	0.06	0.026	4.00	6.67	
STD CDN-ME-14	Standard	0.001	1.257	0.50	3.08	44	0.002	0.017	0.09	17.97	<0.02	<0.01	0.011	<0.01	<0.01	0.74	0.01	0.001	1.24	4.45	
STD CDN-ME-9	Standard	<0.001	0.660	<0.02	0.01	4	0.956	0.017	0.12	13.69	<0.02	0.03	0.002	<0.01	<0.01	4.20	0.06	0.026	4.05	6.75	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	45	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD OXC109 Expected																					

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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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-9	Standard	1.82	0.58	<0.01	2.52																	
STD CDN-ME-14	Standard	0.53	1.61	<0.01	15.84																	
STD CDN-ME-9	Standard	1.84	0.59	<0.01	2.51																	
STD DS10	Standard					14.1	152.2	153.6	365	1.9	76.4	12.1	843	2.68	44.3	78.9	6.7	64	2.9	7.3	9.5	
STD DS10	Standard					12.7	156.6	151.4	370	2.1	78.9	13.0	923	2.72	44.5	69.9	7.0	66	3.0	7.4	11.2	
STD DS10	Standard					12.7	151.5	153.2	358	1.8	72.2	13.0	896	2.71	46.3	65.0	7.0	68	2.9	7.5	10.1	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.4	665.4	12.5	30	0.2	371.7	49.6	375	23.13	9.0	40.2	8.7	4	<0.1	0.3	0.2	
STD OREAS45EA	Standard					1.3	658.9	12.5	28	0.2	366.6	49.0	377	22.15	9.4	50.2	8.8	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.4	668.1	12.5	30	0.2	362.6	49.1	382	22.59	9.5	40.4	9.1	4	0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD OXC109 Expected																						

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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD CDN-ME-9	Standard	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	42	1.04	0.080	16	58	0.76	375	0.072	<20	0.97	0.062	0.33	2.9	0.33	2.5	5.0	0.28	4	2.7	4.5
STD DS10	Standard	43	1.07	0.082	15	55	0.78	370	0.070	<20	1.01	0.062	0.33	2.6	0.29	2.9	4.8	0.29	4	3.0	4.6
STD DS10	Standard	42	1.06	0.082	16	54	0.77	400	0.071	<20	1.03	0.064	0.33	2.9	0.33	2.8	4.8	0.28	4	2.9	7.1
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	293	0.04	0.029	6	803	0.09	132	0.082	<20	2.99	0.018	0.05	<0.1	0.01	76.2	<0.1	<0.05	12	1.4	<0.2
STD OREAS45EA	Standard	291	0.04	0.031	6	774	0.09	135	0.083	<20	2.93	0.017	0.05	<0.1	0.01	77.3	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	288	0.04	0.033	6	789	0.09	136	0.082	<20	3.01	0.018	0.05	<0.1	<0.01	77.9	<0.1	<0.05	12	2.1	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OXC109 Expected																					

QUALITY CONTROL REPORT

SMI13000358.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	1.00	2.27	
STD GS311-1	Standard	1.03	2.36	
STD GS311-1	Standard	0.98	2.43	
STD GS910-4	Standard	2.62	8.26	
STD GS910-4	Standard	2.76	8.15	
STD GS910-4	Standard	2.59	8.38	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.197
STD OXC109	Standard			0.206
STD OXC109	Standard			0.207
STD OXI96	Standard			1.810
STD OXI96	Standard			1.806
STD OXI96	Standard			1.906
STD OXL93	Standard			5.696
STD OXL93	Standard			5.858
STD OXL93	Standard			6.081
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD OXC109 Expected				0.201



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Client: Teck Resources Limited
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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 30, 2013

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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD OXI96 Expected																						
STD OXL93 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank																					
G1-SMI	Prep Blank																					

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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: October 30, 2013

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QUALITY CONTROL REPORT

SMI13000358.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OXI96 Expected																						
STD OXL93 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	0.3	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.66	2.81	<0.01	<0.05	<0.1	1.7	2.5	48	<0.1	3.9	4.0	556	1.89	<0.5	<0.5	4.5	49	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.65	2.71	<0.01	<0.05	<0.1	2.1	2.5	48	<0.1	3.9	4.4	573	2.00	<0.5	<0.5	4.5	53	<0.1	<0.1	<0.1	



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 Vancouver BC V6C 0B3 CANADA

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QUALITY CONTROL REPORT

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		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXI96 Expected																					
STD OXL93 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	0.003	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	0.003	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	0.003	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	34	0.42	0.085	9	8	0.56	238	0.115	<20	0.88	0.059	0.48	<0.1	<0.01	2.1	0.3	<0.05	5	0.6	<0.2
G1-SMI	Prep Blank	36	0.46	0.084	9	10	0.58	241	0.123	<20	0.94	0.071	0.50	<0.1	<0.01	2.1	0.3	<0.05	5	1.0	<0.2

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 Vancouver BC V6C 0B3 CANADA

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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXI96	Expected			1.802
STD OXL93	Expected			5.841
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			0.006
BLK	Blank			0.008
BLK	Blank			
BLK	Blank			
BLK	Blank			0.007
BLK	Blank			<0.005
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.02	<0.02	<0.005
G1-SMI	Prep Blank	0.04	<0.02	<0.005



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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: October 07, 2013
Report Date: November 17, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI13000359.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_010
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.

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	80	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	4	Split samples by riffle splitter			SMI
P200	4	Pulverize to 85% passing 200 mesh			VAN
7TD2	84	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	84	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	84	Analysis by Leco	0.1	Completed	VAN
G6	84	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000359.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144799	Drill Core	7.70	<0.001	0.011	<0.02	<0.01	2	0.003	0.002	0.15	6.28	<0.02	0.03	<0.001	<0.01	<0.01	5.65	0.17	0.002	3.26	9.03
1144800	Drill Core	7.14	<0.001	0.009	<0.02	<0.01	<2	0.003	0.002	0.15	6.30	<0.02	0.03	<0.001	<0.01	<0.01	4.59	0.16	0.003	3.32	8.97
1144801	Drill Core	8.99	<0.001	0.008	<0.02	<0.01	<2	0.001	<0.001	0.13	4.92	<0.02	0.04	<0.001	<0.01	<0.01	5.40	0.12	<0.001	1.91	8.48
1144802	Drill Core	2.00	<0.001	0.003	<0.02	<0.01	<2	0.001	<0.001	0.14	4.91	<0.02	0.04	<0.001	<0.01	<0.01	4.80	0.11	0.002	1.75	8.34
1144803	Drill Core	7.32	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.58	<0.02	0.04	<0.001	<0.01	<0.01	4.78	0.11	<0.001	1.49	8.39
1144804	Drill Core	4.58	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.71	<0.02	0.03	<0.001	<0.01	<0.01	5.02	0.11	<0.001	1.66	8.55
1144805	Drill Core	4.50	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.72	<0.02	0.03	<0.001	<0.01	<0.01	4.26	0.11	<0.001	1.71	8.42
1144806	Drill Core	6.48	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.81	<0.02	0.04	<0.001	<0.01	<0.01	4.90	0.11	0.002	1.62	8.46
1144807	Drill Core	2.68	<0.001	0.004	<0.02	<0.01	<2	0.001	<0.001	0.13	5.00	<0.02	0.04	<0.001	<0.01	<0.01	4.79	0.11	0.002	2.01	8.13
1144808	Rock	5.39	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.05	<0.001	<0.01	<0.01	1.51	0.03	0.001	0.24	6.56
1144809	Drill Core	6.91	<0.001	0.005	<0.02	0.01	<2	0.014	0.002	0.12	6.15	<0.02	0.06	<0.001	<0.01	<0.01	5.10	0.28	0.024	5.11	7.02
1144810	Drill Core	7.08	<0.001	0.004	<0.02	0.01	<2	0.015	0.002	0.12	5.50	<0.02	0.07	<0.001	<0.01	<0.01	6.28	0.27	0.028	4.81	6.42
1144811	Drill Core	6.11	<0.001	0.005	<0.02	<0.01	<2	0.012	0.002	0.14	5.56	<0.02	0.06	<0.001	<0.01	<0.01	5.88	0.23	0.018	3.96	7.31
1144812	Drill Core	5.92	<0.001	0.004	<0.02	<0.01	<2	0.020	0.003	0.12	5.92	<0.02	0.08	<0.001	<0.01	<0.01	4.68	0.28	0.027	5.82	6.45
1144813	Drill Core	7.01	<0.001	0.005	<0.02	0.01	<2	0.018	0.003	0.12	6.16	<0.02	0.10	<0.001	<0.01	<0.01	5.35	0.29	0.027	5.27	6.67
1144814 Dup of 1144813	CORE DUP		<0.001	0.005	<0.02	0.01	<2	0.017	0.002	0.12	5.94	<0.02	0.10	<0.001	<0.01	<0.01	5.23	0.29	0.026	5.25	6.82
1144815	Drill Core	4.23	<0.001	0.005	<0.02	0.01	<2	0.019	0.003	0.13	6.17	<0.02	0.10	<0.001	<0.01	<0.01	5.39	0.29	0.028	5.14	6.68
1144816	Rock Pulp	0.15	0.003	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.53	<0.02	0.06	<0.001	<0.01	<0.01	2.22	0.07	<0.001	0.70	7.71
1144817	Drill Core	6.25	<0.001	0.032	<0.02	<0.01	<2	0.001	0.002	0.09	4.29	<0.02	0.05	<0.001	<0.01	<0.01	4.49	0.13	<0.001	1.91	8.83
1144818	Drill Core	4.32	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.79	<0.02	0.04	<0.001	<0.01	<0.01	4.86	0.13	<0.001	1.60	8.89
1144819	Drill Core	4.33	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.84	<0.02	0.04	<0.001	<0.01	<0.01	4.44	0.14	<0.001	1.59	8.90
1144820	Drill Core	4.49	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.09	5.08	<0.02	0.04	<0.001	<0.01	<0.01	4.88	0.14	<0.001	1.68	8.99
1144821	Drill Core	6.78	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.87	<0.02	0.03	<0.001	<0.01	<0.01	4.54	0.14	<0.001	1.58	8.15
1144822	Drill Core	7.84	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.84	<0.02	0.05	<0.001	<0.01	<0.01	5.02	0.14	<0.001	1.52	8.75
1144823	Drill Core	2.33	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.68	<0.02	0.05	<0.001	<0.01	<0.01	5.69	0.13	<0.001	1.42	8.60
1144824	Drill Core	7.34	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.76	<0.02	0.04	<0.001	<0.01	<0.01	4.89	0.13	<0.001	1.65	8.53
1144825	Rock Pulp	0.11	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.23	<0.02	0.05	<0.001	<0.01	<0.01	1.87	0.06	0.002	0.53	7.17
1144826	Drill Core	7.94	<0.001	0.005	<0.02	<0.01	<2	0.004	0.002	0.15	5.80	<0.02	0.03	<0.001	<0.01	<0.01	5.09	0.11	0.007	2.91	8.69
1144827	Drill Core	7.33	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.36	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.14	<0.001	1.45	8.70
1144828	Drill Core	7.11	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.78	<0.02	0.04	<0.001	<0.01	<0.01	5.09	0.13	<0.001	1.45	7.66

CERTIFICATE OF ANALYSIS

SMI13000359.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144799	Drill Core	3.34	1.08	<0.01	0.05	0.7	118.9	1.5	83	<0.1	31.1	29.4	1368	5.60	8.4	1.8	0.6	60	<0.1	0.3	<0.1
1144800	Drill Core	3.38	1.13	<0.01	0.06	0.6	99.1	1.5	86	<0.1	30.2	29.0	1368	5.64	11.9	<0.5	0.6	50	<0.1	0.4	<0.1
1144801	Drill Core	3.57	0.53	<0.01	0.11	0.6	88.8	1.5	61	<0.1	11.4	16.7	1058	3.85	10.3	1.6	0.3	71	<0.1	0.2	<0.1
1144802	Drill Core	3.57	0.56	<0.01	0.08	0.3	39.9	1.4	57	<0.1	11.0	14.2	1011	3.66	9.9	3.7	0.3	67	<0.1	0.3	<0.1
1144803	Drill Core	3.99	0.42	<0.01	0.13	0.3	73.6	1.1	51	<0.1	3.6	13.7	952	3.56	6.9	3.5	0.3	55	<0.1	0.2	<0.1
1144804	Drill Core	4.05	0.57	<0.01	0.13	0.3	67.9	0.9	51	<0.1	5.0	13.9	1027	3.77	9.7	2.4	0.3	50	<0.1	0.2	<0.1
1144805	Drill Core	4.03	0.52	<0.01	0.14	0.4	100.0	1.0	55	<0.1	4.8	13.7	1036	3.79	8.7	2.4	0.3	43	<0.1	0.2	<0.1
1144806	Drill Core	3.64	0.62	<0.01	0.09	0.9	85.6	0.9	51	<0.1	3.2	11.6	949	3.54	6.9	2.6	0.3	63	<0.1	0.2	<0.1
1144807	Drill Core	3.49	0.83	<0.01	0.08	0.8	46.6	1.4	54	<0.1	13.4	12.9	1057	3.87	14.3	<0.5	0.4	54	0.1	0.3	<0.1
1144808	Rock	2.80	1.29	<0.01	<0.05	0.3	11.3	2.0	57	<0.1	1.7	2.6	325	1.42	<0.5	<0.5	7.7	23	<0.1	<0.1	<0.1
1144809	Drill Core	1.16	2.37	<0.01	0.14	0.3	55.6	4.2	86	0.1	132.0	28.0	968	4.79	9.0	3.4	2.2	219	0.2	0.2	<0.1
1144810	Drill Core	0.77	4.12	<0.01	0.71	0.2	52.8	4.1	82	<0.1	150.0	31.0	1030	4.77	4.5	2.3	2.1	428	0.1	0.2	<0.1
1144811	Drill Core	1.73	1.47	<0.01	0.39	0.6	52.4	6.7	85	0.2	120.1	29.3	1234	4.77	22.8	5.9	1.7	321	0.1	0.2	0.1
1144812	Drill Core	1.06	2.33	<0.01	0.18	0.3	54.9	6.4	84	<0.1	192.3	34.1	953	4.64	2.8	1.0	2.1	416	0.1	0.1	<0.1
1144813	Drill Core	1.26	2.02	<0.01	0.13	0.4	56.1	6.2	83	<0.1	170.6	30.3	887	4.38	3.2	0.8	2.3	607	0.1	0.1	<0.1
1144814 Dup of 1144813	CORE DUP	1.34	1.52	<0.01	0.13	0.4	56.2	6.2	82	<0.1	165.0	29.5	893	4.35	3.2	<0.5	2.4	557	<0.1	0.1	<0.1
1144815	Drill Core	1.41	1.88	<0.01	0.08	0.3	56.1	6.2	81	<0.1	176.0	30.9	871	4.26	4.2	1.6	2.3	580	<0.1	0.1	<0.1
1144816	Rock Pulp	3.10	1.16	<0.01	0.25	39.5	717.2	22.1	51	0.4	8.4	8.9	234	2.22	3.0	1.7	2.7	48	0.3	<0.1	0.2
1144817	Drill Core	4.80	0.66	<0.01	0.26	1.5	320.6	3.0	45	0.2	11.1	24.2	797	3.60	31.6	11.2	0.3	149	<0.1	0.4	<0.1
1144818	Drill Core	3.93	0.76	<0.01	0.31	10.5	71.9	3.7	35	0.1	3.7	15.3	696	3.70	16.4	6.1	0.3	89	<0.1	0.2	<0.1
1144819	Drill Core	4.01	0.77	<0.01	0.30	5.7	197.3	3.7	37	0.1	3.3	15.6	716	3.89	16.4	4.9	0.3	92	<0.1	0.3	<0.1
1144820	Drill Core	3.60	0.96	<0.01	0.22	11.2	47.6	3.0	37	0.1	3.3	14.8	695	3.70	15.1	7.4	0.3	62	<0.1	0.3	<0.1
1144821	Drill Core	3.23	1.07	<0.01	0.14	0.7	21.8	2.7	36	<0.1	3.1	12.0	681	3.68	7.7	2.2	0.3	60	<0.1	0.2	<0.1
1144822	Drill Core	3.57	0.92	<0.01	0.36	4.4	39.3	2.5	37	<0.1	4.2	13.7	643	3.67	8.4	<0.5	0.3	115	<0.1	0.3	<0.1
1144823	Drill Core	3.73	0.70	<0.01	0.33	3.2	28.6	2.1	34	<0.1	4.8	13.0	693	3.50	11.9	1.7	0.3	117	<0.1	0.3	<0.1
1144824	Drill Core	3.94	0.89	<0.01	0.28	1.8	62.0	2.9	37	<0.1	7.9	14.9	798	3.93	16.0	3.0	0.3	84	<0.1	0.3	<0.1
1144825	Rock Pulp	2.89	1.49	<0.01	0.20	12.7	194.4	14.4	49	0.1	7.9	6.2	235	1.97	2.3	<0.5	3.2	43	0.1	<0.1	0.1
1144826	Drill Core	3.85	0.65	<0.01	0.44	0.5	59.5	3.6	65	0.1	40.4	24.9	1356	5.09	15.8	4.4	0.4	52	<0.1	0.3	<0.1
1144827	Drill Core	5.39	0.48	<0.01	1.24	0.4	25.9	1.3	38	<0.1	2.7	9.4	905	4.30	16.9	4.0	0.4	71	<0.1	0.2	<0.1
1144828	Drill Core	4.46	0.71	<0.01	1.39	0.4	29.9	1.2	27	<0.1	2.6	7.5	921	3.69	18.7	4.5	0.3	72	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144799	Drill Core	133	3.93	0.158	12	45	3.13	69	0.305	<20	3.41	0.043	0.08	0.2	<0.01	11.2	<0.1	0.06	11	<0.5	<0.2
1144800	Drill Core	140	3.23	0.152	12	42	3.22	60	0.298	<20	3.40	0.049	0.08	0.2	<0.01	11.8	<0.1	0.06	12	<0.5	<0.2
1144801	Drill Core	93	3.03	0.120	6	17	1.98	277	0.216	<20	2.28	0.048	0.07	0.1	<0.01	5.3	<0.1	0.12	9	<0.5	<0.2
1144802	Drill Core	83	2.36	0.108	5	17	1.75	157	0.195	<20	2.21	0.059	0.09	0.2	<0.01	4.2	<0.1	0.09	9	<0.5	<0.2
1144803	Drill Core	73	2.43	0.108	4	6	1.49	104	0.175	<20	1.99	0.076	0.08	0.2	<0.01	3.2	<0.1	0.14	8	<0.5	<0.2
1144804	Drill Core	83	3.02	0.108	5	5	1.62	39	0.197	<20	2.13	0.070	0.10	0.2	<0.01	3.7	<0.1	0.14	9	<0.5	<0.2
1144805	Drill Core	84	2.34	0.115	5	6	1.66	35	0.204	<20	2.15	0.075	0.10	0.1	<0.01	3.6	<0.1	0.15	9	<0.5	<0.2
1144806	Drill Core	74	2.43	0.106	5	5	1.55	244	0.183	<20	2.05	0.064	0.12	0.1	<0.01	3.0	<0.1	0.10	8	<0.5	<0.2
1144807	Drill Core	90	2.83	0.105	8	22	2.00	34	0.191	<20	2.36	0.053	0.12	0.2	<0.01	4.5	<0.1	0.09	10	<0.5	<0.2
1144808	Rock	14	0.26	0.034	17	9	0.25	85	0.081	<20	0.55	0.072	0.29	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1144809	Drill Core	155	2.59	0.256	31	64	3.88	2235	0.441	<20	3.59	0.512	0.88	<0.1	<0.01	7.3	0.2	0.14	10	<0.5	<0.2
1144810	Drill Core	161	4.41	0.260	31	90	4.00	128	0.478	<20	3.50	0.400	0.98	<0.1	<0.01	9.4	0.2	0.66	9	<0.5	<0.2
1144811	Drill Core	144	4.62	0.223	27	92	3.49	512	0.317	<20	3.37	0.214	0.72	<0.1	0.01	10.3	0.1	0.38	10	<0.5	<0.2
1144812	Drill Core	144	1.96	0.251	32	70	4.56	2736	0.460	<20	3.68	0.660	1.01	<0.1	<0.01	5.2	0.2	0.18	9	<0.5	<0.2
1144813	Drill Core	134	1.93	0.251	30	50	3.82	3094	0.446	<20	3.60	0.806	0.95	<0.1	<0.01	3.6	0.2	0.14	9	<0.5	<0.2
1144814 Dup of 1144813	CORE DUP	135	1.87	0.279	30	48	3.69	2479	0.481	<20	3.52	0.835	0.94	<0.1	<0.01	3.5	0.2	0.13	9	<0.5	<0.2
1144815	Drill Core	129	1.92	0.261	28	49	3.51	3002	0.443	<20	3.48	0.888	0.96	<0.1	<0.01	3.3	0.2	0.09	9	<0.5	<0.2
1144816	Rock Pulp	39	0.65	0.065	8	13	0.58	49	0.049	<20	0.93	0.074	0.15	0.9	<0.01	2.3	<0.1	0.24	4	<0.5	<0.2
1144817	Drill Core	96	3.00	0.131	6	13	1.88	329	0.213	<20	2.02	0.082	0.07	0.3	<0.01	6.0	<0.1	0.26	9	<0.5	<0.2
1144818	Drill Core	66	2.66	0.136	5	4	1.57	166	0.198	<20	2.02	0.051	0.13	0.2	<0.01	2.7	<0.1	0.32	8	<0.5	<0.2
1144819	Drill Core	68	2.55	0.138	5	4	1.63	171	0.215	<20	2.09	0.054	0.12	0.3	<0.01	3.0	<0.1	0.31	9	<0.5	<0.2
1144820	Drill Core	60	2.64	0.136	5	3	1.60	60	0.197	<20	2.11	0.047	0.14	0.4	<0.01	2.5	<0.1	0.23	8	<0.5	<0.2
1144821	Drill Core	54	2.57	0.141	6	4	1.56	98	0.192	<20	2.11	0.043	0.17	0.2	<0.01	2.7	<0.1	0.15	7	<0.5	<0.2
1144822	Drill Core	63	2.68	0.133	6	5	1.47	246	0.209	<20	2.03	0.051	0.14	0.2	<0.01	3.0	<0.1	0.37	7	<0.5	<0.2
1144823	Drill Core	65	3.26	0.133	5	5	1.36	258	0.197	<20	1.93	0.059	0.11	0.2	<0.01	3.0	<0.1	0.32	7	<0.5	<0.2
1144824	Drill Core	83	3.40	0.131	5	15	1.56	138	0.193	<20	2.07	0.053	0.13	0.2	<0.01	4.3	<0.1	0.27	8	<0.5	<0.2
1144825	Rock Pulp	28	0.93	0.062	12	12	0.45	40	0.023	<20	0.82	0.072	0.15	0.4	<0.01	1.9	<0.1	0.21	5	<0.5	<0.2
1144826	Drill Core	122	4.26	0.105	7	90	2.82	61	0.231	<20	3.13	0.053	0.07	0.1	<0.01	10.4	<0.1	0.43	12	<0.5	<0.2
1144827	Drill Core	68	3.00	0.145	7	5	1.44	108	0.078	<20	2.12	0.088	0.06	0.1	<0.01	4.2	<0.1	1.24	12	<0.5	<0.2
1144828	Drill Core	53	4.58	0.139	8	4	1.45	51	0.067	<20	2.09	0.062	0.09	0.2	<0.01	3.3	<0.1	1.39	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144799	Drill Core	1.09	0.07	<0.005
1144800	Drill Core	0.88	0.06	<0.005
1144801	Drill Core	0.73	0.13	<0.005
1144802	Drill Core	0.51	0.09	<0.005
1144803	Drill Core	0.59	0.13	<0.005
1144804	Drill Core	0.77	0.14	<0.005
1144805	Drill Core	0.52	0.15	<0.005
1144806	Drill Core	0.57	0.11	0.005
1144807	Drill Core	0.69	0.09	<0.005
1144808	Rock	0.02	<0.02	<0.005
1144809	Drill Core	0.49	0.14	<0.005
1144810	Drill Core	0.94	0.75	<0.005
1144811	Drill Core	1.26	0.41	0.006
1144812	Drill Core	0.19	0.18	<0.005
1144813	Drill Core	0.17	0.14	<0.005
1144814 Dup of 1144813	CORE DUP	0.15	0.12	<0.005
1144815	Drill Core	0.20	0.09	<0.005
1144816	Rock Pulp	0.12	0.26	<0.005
1144817	Drill Core	0.75	0.27	0.013
1144818	Drill Core	0.58	0.35	<0.005
1144819	Drill Core	0.49	0.32	<0.005
1144820	Drill Core	0.56	0.25	0.006
1144821	Drill Core	0.55	0.14	<0.005
1144822	Drill Core	0.53	0.40	<0.005
1144823	Drill Core	0.79	0.36	<0.005
1144824	Drill Core	0.93	0.27	<0.005
1144825	Rock Pulp	0.19	0.21	<0.005
1144826	Drill Core	1.14	0.44	<0.005
1144827	Drill Core	0.37	1.29	<0.005
1144828	Drill Core	0.93	1.50	<0.005

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144829 Dup of 1144828	CORE DUP	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.95	<0.02	0.04	<0.001	<0.01	<0.01	4.90	0.14	<0.001	1.52	8.03	
1144830	Drill Core	3.86	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.38	<0.02	0.03	<0.001	<0.01	<0.01	3.63	0.12	<0.001	1.16	6.92
1144831	Drill Core	3.41	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.20	<0.02	0.04	<0.001	<0.01	<0.01	3.26	0.14	<0.001	1.54	8.14
1144832	Drill Core	3.16	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.01	<0.02	0.04	<0.001	<0.01	<0.01	3.19	0.14	<0.001	1.48	8.31
1144833	Drill Core	7.34	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.07	<0.02	0.02	<0.001	<0.01	<0.01	2.85	0.12	<0.001	1.43	8.37
1144834	Drill Core	7.87	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	3.44	<0.02	0.03	<0.001	<0.01	<0.01	2.91	0.10	<0.001	1.10	8.11
1144835	Drill Core	7.80	<0.001	0.008	<0.02	<0.01	<2	<0.001	0.001	0.15	6.40	<0.02	0.03	<0.001	<0.01	<0.01	5.14	0.11	<0.001	1.95	8.26
1144836	Rock	5.45	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.62	<0.02	0.06	<0.001	<0.01	<0.01	1.71	0.04	<0.001	0.27	7.47
1144837	Drill Core	8.13	<0.001	0.018	<0.02	<0.01	<2	<0.001	0.002	0.17	7.90	<0.02	0.04	<0.001	<0.01	<0.01	7.75	0.13	0.002	2.00	8.06
1144838	Drill Core	8.22	<0.001	0.020	<0.02	<0.01	<2	0.002	0.002	0.19	7.43	<0.02	0.03	<0.001	<0.01	<0.01	6.86	0.14	0.004	2.89	7.42
1144839	Drill Core	8.37	<0.001	0.029	<0.02	<0.01	<2	<0.001	0.002	0.19	8.70	<0.02	0.03	<0.001	<0.01	<0.01	8.48	0.12	<0.001	2.76	7.12
1144840	Drill Core	7.54	0.001	0.038	<0.02	<0.01	<2	0.001	0.002	0.18	9.20	<0.02	0.03	<0.001	<0.01	<0.01	6.87	0.13	<0.001	2.26	7.90
1144841	Rock	4.16	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.49	<0.02	0.05	<0.001	<0.01	<0.01	1.63	0.03	<0.001	0.25	7.09
1144842	Drill Core	7.52	<0.001	0.028	<0.02	<0.01	<2	0.001	0.002	0.16	7.68	<0.02	0.03	<0.001	<0.01	<0.01	6.80	0.13	<0.001	1.96	7.92
1144843	Drill Core	7.05	<0.001	0.029	<0.02	<0.01	2	0.002	0.003	0.15	8.13	<0.02	0.03	<0.001	<0.01	<0.01	6.19	0.14	<0.001	1.96	7.91
1144844	Drill Core	2.84	<0.001	0.021	<0.02	<0.01	<2	<0.001	0.001	0.14	6.70	<0.02	0.03	<0.001	<0.01	<0.01	7.91	0.13	<0.001	1.52	7.74
1144845 Dup of 1144844	CORE DUP	<0.001	0.020	<0.02	<0.01	2	<0.001	0.001	0.14	6.74	<0.02	0.03	<0.001	<0.01	<0.01	7.90	0.13	<0.001	1.51	7.82	
1144846	Drill Core	4.25	<0.001	0.022	<0.02	<0.01	<2	<0.001	0.002	0.15	7.87	<0.02	0.03	<0.001	<0.01	<0.01	6.84	0.14	<0.001	1.82	7.89
1144847	Drill Core	3.72	<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.15	7.56	<0.02	0.03	<0.001	<0.01	<0.01	6.78	0.14	<0.001	1.85	8.07
1144848	Drill Core	6.43	<0.001	0.010	<0.02	<0.01	<2	0.002	0.002	0.17	7.23	<0.02	0.03	<0.001	<0.01	<0.01	3.74	0.18	0.005	2.74	8.57
1144849	Rock Pulp	0.12	0.003	0.078	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.62	<0.02	0.06	<0.001	<0.01	<0.01	2.27	0.07	<0.001	0.72	7.89
1144850	Drill Core	6.43	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.13	5.81	<0.02	0.03	<0.001	<0.01	<0.01	3.85	0.21	<0.001	2.08	8.38
1144851	Drill Core	7.72	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.14	6.37	<0.02	0.03	<0.001	<0.01	<0.01	3.46	0.13	0.002	2.59	8.60
1144852	Drill Core	4.08	<0.001	0.001	<0.02	<0.01	<2	0.001	0.001	0.12	5.38	<0.02	0.04	<0.001	<0.01	<0.01	3.69	0.13	0.002	2.18	8.79
1144853	Drill Core	8.31	<0.001	0.002	<0.02	<0.01	<2	0.003	0.002	0.14	6.14	<0.02	0.03	<0.001	<0.01	<0.01	4.50	0.11	0.004	3.05	8.17
1144854	Drill Core	7.72	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.11	5.59	<0.02	0.06	<0.001	<0.01	<0.01	4.97	0.12	<0.001	2.15	7.47
1144855	Drill Core	7.88	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.14	6.05	<0.02	0.04	<0.001	<0.01	<0.01	4.52	0.16	0.002	3.42	8.44
1144856	Drill Core	7.25	<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.13	6.41	<0.02	0.04	<0.001	<0.01	<0.01	4.68	0.16	0.001	3.22	8.75
1144857	Drill Core	8.41	<0.001	0.006	<0.02	<0.01	<2	0.008	0.003	0.14	6.02	<0.02	0.04	<0.001	<0.01	<0.01	5.76	0.11	0.014	4.31	8.32
1144858	Drill Core	6.91	<0.001	0.011	<0.02	<0.01	<2	0.006	0.003	0.14	6.29	<0.02	0.05	<0.001	<0.01	<0.01	7.24	0.07	0.011	3.84	7.36



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Project: 204920
 Report Date: November 17, 2013

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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144829 Dup of 1144828	CORE DUP	4.58	0.72	<0.01	1.37	0.3	27.3	1.0	27	<0.1	2.3	7.3	897	3.61	18.4	5.5	0.3	65	<0.1	0.2	<0.1
1144830	Drill Core	5.15	0.44	<0.01	0.94	0.5	19.5	0.8	24	<0.1	2.2	7.2	776	3.12	10.0	8.1	0.3	54	<0.1	0.2	<0.1
1144831	Drill Core	4.89	0.68	<0.01	0.94	0.4	22.4	0.7	32	<0.1	2.5	8.5	889	3.79	10.2	3.2	0.3	72	<0.1	0.1	<0.1
1144832	Drill Core	5.08	0.68	<0.01	0.98	0.4	23.6	0.6	30	<0.1	2.0	7.5	861	3.61	8.0	2.4	0.3	88	<0.1	0.2	<0.1
1144833	Drill Core	3.83	1.02	<0.01	0.52	0.6	26.4	1.7	29	0.2	2.8	8.4	844	3.52	34.2	12.6	0.3	59	<0.1	0.4	<0.1
1144834	Drill Core	3.94	1.23	<0.01	0.16	0.4	9.8	0.9	28	<0.1	2.0	6.3	821	3.08	13.3	4.1	0.3	58	<0.1	0.2	<0.1
1144835	Drill Core	3.23	0.80	<0.01	1.34	1.3	85.2	3.8	58	0.3	6.7	16.9	1350	5.36	29.8	7.3	0.3	87	<0.1	0.7	0.3
1144836	Rock	2.87	1.45	<0.01	<0.05	0.4	10.4	1.9	54	<0.1	0.7	2.3	313	1.46	<0.5	0.8	7.8	22	<0.1	<0.1	<0.1
1144837	Drill Core	2.65	0.29	<0.01	2.09	3.8	175.7	6.5	53	0.4	9.1	23.6	1415	6.09	25.5	9.5	0.4	85	<0.1	1.2	0.5
1144838	Drill Core	2.29	1.01	<0.01	1.22	2.8	194.5	4.2	71	0.3	20.0	28.9	1700	6.50	40.5	8.9	0.6	64	<0.1	0.7	0.3
1144839	Drill Core	2.12	0.33	<0.01	2.91	4.9	283.8	7.5	87	0.5	10.1	26.5	1770	7.80	40.9	22.5	0.4	83	0.4	1.0	0.5
1144840	Drill Core	2.51	0.54	<0.01	3.29	16.5	369.8	8.9	89	0.8	14.4	33.5	1630	8.47	49.0	47.1	0.4	65	0.2	1.4	0.7
1144841	Rock	2.90	1.56	<0.01	<0.05	0.3	10.8	1.9	52	<0.1	1.2	2.2	312	1.37	0.7	1.7	6.7	21	<0.1	<0.1	<0.1
1144842	Drill Core	2.82	0.57	<0.01	2.31	3.9	278.5	8.5	61	0.7	11.0	29.6	1382	6.53	51.2	19.8	0.4	57	0.3	1.3	0.5
1144843	Drill Core	3.27	0.94	<0.01	3.03	3.2	287.6	10.5	60	2.6	16.3	32.8	1273	7.10	56.5	23.1	0.6	51	0.4	1.2	0.6
1144844	Drill Core	3.18	0.28	<0.01	1.74	1.3	209.3	5.1	47	0.4	7.8	21.9	1217	5.45	23.2	8.8	0.4	52	0.3	0.8	0.3
1144845 Dup of 1144844	CORE DUP	3.24	0.29	<0.01	1.72	1.3	205.5	4.9	47	0.4	7.8	21.4	1208	5.41	23.1	8.3	0.3	52	0.3	1.0	0.4
1144846	Drill Core	3.17	0.50	<0.01	1.97	5.0	203.2	13.0	56	0.5	8.3	24.7	1330	6.16	27.2	13.2	0.4	60	1.7	1.1	0.4
1144847	Drill Core	3.35	0.79	<0.01	2.16	3.6	223.1	13.8	57	0.8	8.7	26.0	1322	6.30	32.3	10.5	0.4	57	1.1	1.0	0.5
1144848	Drill Core	3.30	0.89	<0.01	0.59	1.9	94.6	7.4	72	0.4	24.5	27.3	1549	6.45	45.6	8.8	0.6	58	0.9	0.9	0.2
1144849	Rock Pulp	3.14	0.97	<0.01	0.26	37.3	705.0	21.3	47	0.4	9.0	8.5	228	2.16	3.2	0.9	2.8	50	0.3	0.1	0.2
1144850	Drill Core	3.86	1.06	<0.01	0.08	0.8	31.7	1.8	59	<0.1	10.4	19.9	1154	5.00	8.9	1.5	0.8	57	<0.1	0.5	<0.1
1144851	Drill Core	4.19	0.33	<0.01	0.16	3.1	37.9	2.6	60	<0.1	9.9	22.3	1302	5.53	9.6	0.5	0.6	45	<0.1	0.5	<0.1
1144852	Drill Core	4.73	0.38	<0.01	0.18	3.4	17.8	2.8	65	<0.1	7.5	21.4	1015	4.42	11.0	0.9	0.5	63	<0.1	0.6	<0.1
1144853	Drill Core	3.86	0.38	<0.01	0.34	0.8	25.2	3.1	71	<0.1	27.4	23.6	1215	5.13	11.9	<0.5	0.6	49	<0.1	0.5	<0.1
1144854	Drill Core	3.81	0.05	<0.01	0.18	0.6	32.5	2.1	42	<0.1	7.3	18.0	839	4.20	10.0	0.6	0.5	110	<0.1	1.1	<0.1
1144855	Drill Core	3.90	0.18	<0.01	0.20	0.5	58.0	1.8	55	<0.1	30.4	25.8	1065	4.87	11.2	<0.5	0.5	95	<0.1	0.9	<0.1
1144856	Drill Core	3.89	0.16	<0.01	0.29	0.8	62.3	3.5	53	<0.1	27.6	27.3	978	5.15	14.4	<0.5	0.4	63	0.4	0.8	<0.1
1144857	Drill Core	2.92	0.61	<0.01	0.14	0.5	58.9	2.7	59	<0.1	74.7	30.1	1032	4.66	13.5	<0.5	0.4	64	1.1	0.9	<0.1
1144858	Drill Core	2.81	0.11	<0.01	0.24	0.3	107.1	11.1	54	<0.1	58.9	32.4	1033	4.75	10.8	<0.5	0.4	116	0.2	0.8	<0.1

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.

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144829 Dup of 1144828	CORE DUP	53	4.31	0.133	8	3	1.42	49	0.068	<20	2.04	0.060	0.09	0.1	<0.01	3.2	<0.1	1.31	9	<0.5	<0.2
1144830	Drill Core	47	3.41	0.114	7	3	1.13	67	0.062	<20	1.68	0.076	0.07	0.1	<0.01	2.9	<0.1	0.90	8	<0.5	<0.2
1144831	Drill Core	55	2.92	0.134	10	4	1.44	79	0.061	<20	2.05	0.064	0.09	0.1	<0.01	3.1	<0.1	0.89	11	<0.5	<0.2
1144832	Drill Core	50	2.78	0.128	10	3	1.37	79	0.054	<20	1.97	0.067	0.08	0.1	0.01	2.7	<0.1	0.86	10	<0.5	<0.2
1144833	Drill Core	35	2.60	0.112	9	3	1.23	151	0.058	<20	1.80	0.035	0.15	0.4	<0.01	2.1	<0.1	0.48	8	<0.5	<0.2
1144834	Drill Core	29	2.71	0.094	8	4	0.95	271	0.044	<20	1.60	0.050	0.16	0.1	<0.01	1.6	<0.1	0.16	7	<0.5	<0.2
1144835	Drill Core	123	3.65	0.105	7	6	1.83	157	0.149	<20	2.54	0.039	0.11	0.5	0.03	7.6	<0.1	1.25	10	1.1	<0.2
1144836	Rock	13	0.21	0.033	14	3	0.26	71	0.072	<20	0.56	0.067	0.29	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1144837	Drill Core	172	4.41	0.123	3	6	1.93	35	0.253	<20	2.51	0.040	0.02	0.3	0.03	12.2	<0.1	1.91	9	0.7	<0.2
1144838	Drill Core	222	5.19	0.125	4	55	2.83	113	0.211	<20	3.15	0.034	0.03	0.3	0.03	17.0	<0.1	1.09	12	0.8	<0.2
1144839	Drill Core	202	6.42	0.101	5	8	2.70	27	0.210	<20	3.37	0.027	0.04	0.3	0.02	13.1	<0.1	2.57	11	2.7	<0.2
1144840	Drill Core	222	4.64	0.111	3	8	2.16	65	0.227	<20	3.14	0.035	0.06	0.3	0.04	12.8	<0.1	2.96	10	3.5	<0.2
1144841	Rock	13	0.25	0.029	12	3	0.24	63	0.066	<20	0.54	0.066	0.26	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1144842	Drill Core	210	4.18	0.115	3	8	1.91	50	0.263	<20	2.47	0.037	0.03	0.3	0.04	13.5	<0.1	2.13	10	2.3	<0.2
1144843	Drill Core	202	4.09	0.129	5	15	1.78	95	0.275	<20	2.33	0.063	0.06	6.2	0.04	12.9	<0.1	2.82	9	2.7	<0.2
1144844	Drill Core	179	5.03	0.114	2	7	1.43	17	0.249	<20	1.99	0.041	<0.01	0.8	0.01	13.8	<0.1	1.63	7	1.3	<0.2
1144845 Dup of 1144844	CORE DUP	177	4.97	0.115	2	7	1.41	18	0.251	<20	1.97	0.042	<0.01	0.3	0.02	13.9	<0.1	1.61	7	1.3	<0.2
1144846	Drill Core	188	4.43	0.117	3	7	1.77	77	0.269	<20	2.35	0.040	0.02	0.4	0.03	13.1	<0.1	1.79	9	1.6	<0.2
1144847	Drill Core	191	4.25	0.123	3	7	1.77	98	0.260	<20	2.32	0.043	0.02	0.9	0.03	12.7	<0.1	1.97	8	2.1	<0.2
1144848	Drill Core	172	2.71	0.165	12	48	2.71	225	0.230	<20	3.20	0.025	0.04	0.8	0.03	12.6	<0.1	0.55	12	0.5	<0.2
1144849	Rock Pulp	36	0.63	0.061	8	12	0.58	50	0.044	<20	0.90	0.071	0.14	0.9	<0.01	2.0	<0.1	0.24	4	<0.5	<0.2
1144850	Drill Core	127	2.67	0.194	17	21	2.01	101	0.230	<20	2.33	0.052	0.04	0.2	<0.01	7.6	<0.1	0.08	11	<0.5	<0.2
1144851	Drill Core	156	2.51	0.115	8	24	2.55	76	0.248	<20	2.88	0.067	0.02	0.2	<0.01	10.3	<0.1	0.15	12	<0.5	<0.2
1144852	Drill Core	127	2.44	0.112	7	16	2.04	152	0.246	<20	2.31	0.070	0.01	0.2	<0.01	7.6	<0.1	0.16	10	<0.5	<0.2
1144853	Drill Core	162	3.48	0.098	8	64	2.88	120	0.272	<20	2.75	0.055	0.01	0.2	<0.01	11.9	<0.1	0.30	10	<0.5	<0.2
1144854	Drill Core	141	3.27	0.098	8	9	1.98	81	0.268	<20	1.97	0.063	<0.01	0.1	<0.01	10.8	<0.1	0.16	9	<0.5	<0.2
1144855	Drill Core	132	2.91	0.144	10	44	3.21	139	0.249	<20	2.86	0.049	<0.01	0.1	<0.01	13.0	<0.1	0.19	10	<0.5	<0.2
1144856	Drill Core	141	2.72	0.139	10	39	2.92	13	0.255	<20	3.01	0.072	0.01	<0.1	<0.01	11.7	<0.1	0.27	11	<0.5	<0.2
1144857	Drill Core	137	3.68	0.093	7	150	3.78	10	0.259	<20	3.39	0.038	0.02	0.1	<0.01	12.7	<0.1	0.12	9	<0.5	<0.2
1144858	Drill Core	141	5.13	0.063	8	117	3.39	76	0.224	<20	3.10	0.051	<0.01	0.1	<0.01	14.3	<0.1	0.22	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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	Method Analyte	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Unit	%	%	ppm
	MDL	0.02	0.02	0.005
1144829 Dup of 1144828	CORE DUP	0.87	1.42	<0.005
1144830	Drill Core	0.66	1.00	<0.005
1144831	Drill Core	0.49	0.98	<0.005
1144832	Drill Core	0.43	0.92	<0.005
1144833	Drill Core	0.66	0.53	0.010
1144834	Drill Core	0.71	0.16	<0.005
1144835	Drill Core	0.94	1.37	0.007
1144836	Rock	0.03	<0.02	<0.005
1144837	Drill Core	1.22	2.14	0.011
1144838	Drill Core	1.62	1.23	0.006
1144839	Drill Core	1.89	2.95	0.021
1144840	Drill Core	1.32	3.32	0.042
1144841	Rock	0.04	<0.02	<0.005
1144842	Drill Core	1.21	2.29	0.022
1144843	Drill Core	1.27	3.05	0.022
1144844	Drill Core	1.52	1.82	0.010
1144845 Dup of 1144844	CORE DUP	1.49	1.76	0.009
1144846	Drill Core	1.30	2.03	0.010
1144847	Drill Core	1.26	2.16	0.013
1144848	Drill Core	0.73	0.59	0.009
1144849	Rock Pulp	0.13	0.24	<0.005
1144850	Drill Core	0.63	0.09	<0.005
1144851	Drill Core	0.63	0.17	<0.005
1144852	Drill Core	0.61	0.18	<0.005
1144853	Drill Core	1.04	0.37	<0.005
1144854	Drill Core	0.76	0.20	<0.005
1144855	Drill Core	0.49	0.23	<0.005
1144856	Drill Core	0.37	0.31	<0.005
1144857	Drill Core	0.79	0.15	<0.005
1144858	Drill Core	1.43	0.28	<0.005

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144859	Drill Core	3.79	<0.001	0.007	<0.02	<0.01	<2	0.010	0.003	0.13	6.18	<0.02	0.03	<0.001	<0.01	<0.01	6.46	0.07	0.018	4.17	8.12
1144860	Drill Core	7.75	<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.10	4.50	<0.02	0.06	<0.001	<0.01	<0.01	3.87	0.10	0.001	1.64	8.34
1144861	Drill Core	4.37	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.59	<0.02	0.06	<0.001	<0.01	<0.01	3.48	0.09	<0.001	0.99	7.42
1144862	Drill Core	7.19	<0.001	0.003	<0.02	<0.01	<2	0.001	0.001	0.10	4.47	<0.02	0.06	<0.001	<0.01	<0.01	3.18	0.10	<0.001	1.80	8.47
1144863	Drill Core	8.00	<0.001	0.004	<0.02	<0.01	<2	0.002	0.001	0.11	5.06	<0.02	0.07	<0.001	<0.01	<0.01	3.90	0.10	0.001	2.01	8.70
1144864	Drill Core	7.83	<0.001	0.006	<0.02	<0.01	<2	0.002	0.002	0.11	5.71	<0.02	0.07	<0.001	<0.01	<0.01	6.17	0.12	0.002	2.36	9.66
1144865	Drill Core	6.35	<0.001	0.009	<0.02	<0.01	<2	0.004	0.002	0.12	5.84	<0.02	0.04	<0.001	<0.01	<0.01	5.69	0.13	0.007	3.03	8.66
1144866	Drill Core	7.77	<0.001	0.005	<0.02	<0.01	3	0.013	0.002	0.13	5.97	<0.02	0.05	<0.001	<0.01	<0.01	5.07	0.13	0.018	4.61	8.14
1144867	Drill Core	8.49	<0.001	0.019	<0.02	<0.01	2	0.014	0.003	0.14	6.68	<0.02	0.04	<0.001	<0.01	<0.01	5.57	0.14	0.023	4.97	8.29
1144868	Drill Core	9.47	<0.001	0.005	<0.02	<0.01	<2	0.014	0.003	0.14	6.63	<0.02	0.03	<0.001	<0.01	<0.01	6.27	0.11	0.022	5.10	8.13
1144869	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.30	<0.02	0.05	<0.001	<0.01	<0.01	1.80	0.06	<0.001	0.52	6.75
1144870	Drill Core	2.68	<0.001	0.006	<0.02	<0.01	<2	0.008	0.003	0.12	6.30	<0.02	0.03	<0.001	<0.01	<0.01	7.95	0.13	0.015	3.99	8.29
1144871	Drill Core	8.28	<0.001	0.006	<0.02	<0.01	<2	0.005	0.003	0.14	6.72	<0.02	0.04	<0.001	<0.01	<0.01	6.12	0.10	0.010	4.16	8.15
1144872	Drill Core	4.98	<0.001	0.004	<0.02	<0.01	<2	0.004	0.002	0.12	6.45	<0.02	0.04	<0.001	<0.01	<0.01	5.58	0.15	0.008	3.30	8.44
1144873	Drill Core	3.61	<0.001	0.004	<0.02	<0.01	<2	0.003	0.002	0.13	6.84	<0.02	0.04	<0.001	<0.01	<0.01	5.67	0.16	0.008	3.06	8.65
1144874	Drill Core	6.77	<0.001	0.004	<0.02	<0.01	<2	0.010	0.003	0.14	6.36	<0.02	0.05	<0.001	<0.01	<0.01	5.69	0.11	0.019	4.77	7.91
1144875	Drill Core	8.33	<0.001	0.004	<0.02	<0.01	<2	0.003	0.001	0.16	5.97	<0.02	0.03	<0.001	<0.01	<0.01	12.82	0.09	0.003	2.90	6.22
1144876	Drill Core	6.98	<0.001	0.005	<0.02	<0.01	<2	0.015	0.003	0.13	6.28	<0.02	0.04	<0.001	<0.01	<0.01	5.37	0.12	0.025	5.34	7.76
1144877 Dup of 1144876	CORE DUP		<0.001	0.005	<0.02	<0.01	<2	0.015	0.003	0.13	6.36	<0.02	0.04	<0.001	<0.01	<0.01	5.33	0.13	0.024	5.40	8.05
1144878	Drill Core	10.94	<0.001	0.005	<0.02	<0.01	<2	0.019	0.003	0.13	6.70	<0.02	0.04	<0.001	<0.01	<0.01	5.21	0.12	0.031	5.63	7.93
1144879	Drill Core	6.80	<0.001	0.005	<0.02	<0.01	<2	0.017	0.003	0.13	6.53	<0.02	0.04	<0.001	<0.01	<0.01	5.38	0.12	0.029	5.46	8.09
1144880	Rock	4.67	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.40	<0.02	0.05	<0.001	<0.01	<0.01	1.47	0.03	<0.001	0.23	6.57
1144881	Drill Core	8.57	<0.001	0.004	<0.02	<0.01	<2	0.013	0.003	0.13	6.44	<0.02	0.04	<0.001	<0.01	<0.01	5.62	0.13	0.023	4.55	8.11
1144882	Drill Core	4.99	<0.001	0.005	<0.02	<0.01	<2	0.006	0.003	0.12	6.03	<0.02	0.04	<0.001	<0.01	<0.01	6.00	0.13	0.013	4.13	8.39

CERTIFICATE OF ANALYSIS

SMI13000359.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144859	Drill Core	3.43	0.25	<0.01	0.08	0.3	67.5	3.4	65	<0.1	95.3	37.1	1199	5.41	7.6	<0.5	0.2	71	<0.1	0.4	<0.1
1144860	Drill Core	3.62	0.98	<0.01	0.07	1.2	28.7	2.1	54	<0.1	11.2	16.0	832	3.57	5.0	<0.5	1.0	121	<0.1	0.8	<0.1
1144861	Drill Core	3.16	1.15	<0.01	0.25	1.4	8.2	1.7	41	<0.1	4.6	8.8	570	2.49	5.4	<0.5	1.1	101	<0.1	1.5	<0.1
1144862	Drill Core	3.72	1.12	<0.01	<0.05	1.1	34.5	2.3	66	<0.1	12.8	17.6	929	3.82	6.3	<0.5	1.2	92	<0.1	1.9	<0.1
1144863	Drill Core	3.61	1.02	<0.01	0.06	0.7	45.1	3.1	63	<0.1	16.5	19.8	899	4.10	5.5	<0.5	1.0	110	<0.1	0.8	<0.1
1144864	Drill Core	3.60	0.95	<0.01	<0.05	0.4	60.7	37.4	63	<0.1	20.0	25.0	905	4.48	8.4	<0.5	0.6	129	6.3	0.9	<0.1
1144865	Drill Core	3.56	0.89	<0.01	0.07	0.7	93.4	5.5	61	0.2	40.2	25.3	900	4.46	8.7	<0.5	0.5	80	1.1	0.8	<0.1
1144866	Drill Core	2.45	1.17	<0.01	0.10	0.6	52.1	1.7	61	<0.1	116.1	31.0	996	4.85	12.2	<0.5	0.9	59	<0.1	1.2	<0.1
1144867	Drill Core	2.52	1.43	<0.01	0.12	0.7	177.1	1.5	63	<0.1	125.5	29.1	973	4.64	13.1	2.6	0.7	42	<0.1	0.8	<0.1
1144868	Drill Core	2.15	1.11	<0.01	0.17	0.5	49.3	1.7	52	<0.1	118.2	27.9	858	4.29	9.5	1.1	0.6	41	<0.1	0.6	<0.1
1144869	Rock Pulp	2.86	1.57	<0.01	0.21	10.7	169.5	10.9	45	0.1	6.7	5.2	219	1.84	2.1	1.3	2.9	41	0.1	<0.1	0.1
1144870	Drill Core	2.34	1.02	<0.01	0.17	0.6	60.1	2.5	51	<0.1	62.2	23.4	679	4.19	10.3	1.3	0.7	42	0.2	0.9	<0.1
1144871	Drill Core	3.02	0.36	<0.01	0.09	0.5	60.7	1.8	51	0.1	35.5	23.9	668	4.14	6.5	5.4	0.4	53	<0.1	0.7	<0.1
1144872	Drill Core	3.35	0.68	<0.01	0.05	0.8	45.6	1.9	56	<0.1	30.4	22.1	704	4.28	6.9	0.9	0.4	65	<0.1	0.7	<0.1
1144873	Drill Core	3.59	0.31	<0.01	<0.05	1.0	43.1	1.6	51	<0.1	19.4	20.5	652	4.31	5.8	1.1	0.3	60	<0.1	0.6	<0.1
1144874	Drill Core	2.65	1.18	<0.01	0.07	0.4	38.6	1.7	58	<0.1	82.4	26.5	929	4.22	10.1	<0.5	0.5	77	<0.1	1.0	<0.1
1144875	Drill Core	2.47	0.29	<0.01	<0.05	0.9	45.1	2.0	36	<0.1	22.9	13.8	927	3.66	8.0	<0.5	0.4	92	<0.1	0.8	<0.1
1144876	Drill Core	1.76	1.60	<0.01	<0.05	0.5	50.6	1.9	57	<0.1	135.7	30.1	909	4.55	8.5	<0.5	0.6	71	<0.1	0.6	<0.1
1144877 Dup of 1144876	CORE DUP	1.87	1.66	<0.01	0.06	0.5	46.7	1.6	54	<0.1	128.1	27.7	886	4.48	8.7	<0.5	0.6	64	<0.1	0.7	<0.1
1144878	Drill Core	1.84	1.63	<0.01	<0.05	0.5	47.8	1.6	59	<0.1	165.4	32.8	922	4.71	8.6	<0.5	0.6	62	<0.1	0.6	<0.1
1144879	Drill Core	1.89	1.61	<0.01	<0.05	0.4	46.4	2.1	57	<0.1	145.3	30.0	914	4.62	6.3	<0.5	0.6	71	<0.1	0.5	<0.1
1144880	Rock	2.85	1.53	<0.01	<0.05	0.8	10.0	1.5	46	<0.1	1.4	2.1	301	1.29	<0.5	<0.5	6.2	20	<0.1	<0.1	<0.1
1144881	Drill Core	2.08	1.54	<0.01	0.05	0.4	44.1	1.8	60	<0.1	117.7	29.1	925	4.66	6.7	0.6	0.7	68	0.1	0.7	<0.1
1144882	Drill Core	2.25	1.30	<0.01	0.11	0.6	48.2	1.8	57	<0.1	49.1	23.6	823	4.29	9.2	<0.5	0.7	62	0.2	0.7	<0.1



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Project: 204920
 Report Date: November 17, 2013

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CERTIFICATE OF ANALYSIS

SMI13000359.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144859	Drill Core	138	5.29	0.065	4	234	4.01	6	0.242	<20	3.57	0.043	0.03	<0.1	<0.01	19.4	<0.1	0.08	10	<0.5	<0.2
1144860	Drill Core	84	2.15	0.095	11	18	1.66	486	0.225	<20	2.06	0.068	0.06	0.2	<0.01	5.8	<0.1	0.07	9	<0.5	<0.2
1144861	Drill Core	44	1.50	0.083	11	8	0.99	23	0.165	<20	1.42	0.066	0.06	0.2	<0.01	3.2	<0.1	0.25	7	<0.5	<0.2
1144862	Drill Core	88	1.92	0.094	11	22	1.85	44	0.258	<20	2.20	0.071	0.07	0.1	<0.01	5.8	<0.1	<0.05	9	<0.5	<0.2
1144863	Drill Core	105	2.37	0.094	10	26	1.99	115	0.265	<20	2.30	0.068	0.07	0.1	<0.01	6.6	<0.1	0.06	9	<0.5	<0.2
1144864	Drill Core	124	3.56	0.111	8	39	2.33	125	0.220	<20	3.10	0.067	0.05	<0.1	<0.01	7.6	<0.1	<0.05	9	<0.5	<0.2
1144865	Drill Core	116	3.17	0.114	9	80	2.66	51	0.249	<20	2.97	0.068	0.03	0.3	<0.01	9.5	<0.1	0.07	10	<0.5	<0.2
1144866	Drill Core	120	2.51	0.123	12	165	3.81	21	0.341	<20	3.14	0.049	0.05	0.1	<0.01	6.1	<0.1	0.10	9	<0.5	<0.2
1144867	Drill Core	129	2.67	0.108	10	139	3.72	18	0.274	<20	3.22	0.040	0.04	0.2	<0.01	6.8	<0.1	0.07	10	<0.5	<0.2
1144868	Drill Core	118	2.51	0.092	8	109	3.48	20	0.288	<20	3.51	0.056	0.04	<0.1	<0.01	5.7	<0.1	0.14	10	<0.5	<0.2
1144869	Rock Pulp	26	0.86	0.053	10	10	0.42	35	0.017	<20	0.77	0.064	0.14	0.4	<0.01	1.6	<0.1	0.20	5	<0.5	<0.2
1144870	Drill Core	130	3.98	0.108	10	76	2.47	12	0.295	<20	3.68	0.045	0.03	0.1	<0.01	5.1	<0.1	0.15	12	<0.5	<0.2
1144871	Drill Core	110	2.02	0.091	9	29	2.41	51	0.208	<20	2.90	0.089	0.03	<0.1	<0.01	5.3	<0.1	0.09	9	<0.5	<0.2
1144872	Drill Core	118	2.60	0.133	9	47	2.35	10	0.231	<20	2.88	0.054	0.02	<0.1	<0.01	6.3	<0.1	<0.05	10	<0.5	<0.2
1144873	Drill Core	110	2.29	0.132	8	32	2.09	6	0.197	<20	2.91	0.059	0.02	<0.1	<0.01	6.0	<0.1	<0.05	10	<0.5	<0.2
1144874	Drill Core	107	2.69	0.088	7	104	3.47	18	0.243	<20	2.87	0.063	0.04	<0.1	<0.01	6.0	<0.1	0.06	9	<0.5	<0.2
1144875	Drill Core	95	9.38	0.079	6	29	2.00	16	0.167	<20	2.18	0.059	0.01	0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1144876	Drill Core	123	2.21	0.110	9	115	3.81	36	0.269	<20	3.11	0.086	0.06	0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1144877 Dup of 1144876	CORE DUP	121	2.01	0.117	9	98	3.75	33	0.275	<20	3.08	0.090	0.06	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1144878	Drill Core	127	2.03	0.109	9	139	4.01	29	0.307	<20	3.21	0.086	0.06	0.1	<0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
1144879	Drill Core	127	2.16	0.105	9	100	3.78	40	0.299	<20	3.17	0.088	0.06	<0.1	<0.01	5.0	<0.1	<0.05	9	<0.5	<0.2
1144880	Rock	12	0.21	0.027	11	5	0.23	60	0.053	<20	0.50	0.062	0.25	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1144881	Drill Core	134	2.57	0.120	10	87	3.24	31	0.351	<20	2.96	0.088	0.06	0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
1144882	Drill Core	134	2.74	0.117	10	43	2.80	44	0.335	<20	3.00	0.127	0.07	0.1	<0.01	6.0	<0.1	0.10	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000359.1

	Method Analyte	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
	Unit	%	%	ppm
	MDL	0.02	0.02	0.005
1144859	Drill Core	1.67	0.11	<0.005
1144860	Drill Core	0.43	0.08	<0.005
1144861	Drill Core	0.17	0.27	<0.005
1144862	Drill Core	0.35	0.03	<0.005
1144863	Drill Core	0.48	0.07	<0.005
1144864	Drill Core	0.56	0.04	<0.005
1144865	Drill Core	0.46	0.08	<0.005
1144866	Drill Core	0.40	0.10	<0.005
1144867	Drill Core	0.41	0.07	<0.005
1144868	Drill Core	0.12	0.16	<0.005
1144869	Rock Pulp	0.22	0.20	0.007
1144870	Drill Core	0.18	0.15	<0.005
1144871	Drill Core	0.08	0.08	<0.005
1144872	Drill Core	0.20	0.04	<0.005
1144873	Drill Core	0.05	0.03	<0.005
1144874	Drill Core	0.58	0.06	<0.005
1144875	Drill Core	2.54	0.03	0.006
1144876	Drill Core	0.40	0.04	<0.005
1144877 Dup of 1144876	CORE DUP	0.34	0.03	<0.005
1144878	Drill Core	0.36	0.02	<0.005
1144879	Drill Core	0.41	0.04	<0.005
1144880	Rock	0.03	<0.02	<0.005
1144881	Drill Core	0.52	0.04	<0.005
1144882	Drill Core	0.40	0.11	0.007



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Project: 204920
 Report Date: November 17, 2013

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QUALITY CONTROL REPORT

SMI13000359.1

Method Analyte Unit MDL	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Pulp Duplicates																					
1144814 Dup of 1144813	CORE DUP	<0.001	0.005	<0.02	0.01	<2	0.017	0.002	0.12	5.94	<0.02	0.10	<0.001	<0.01	<0.01	5.23	0.29	0.026	5.25	6.82	
REP 1144814 Dup of	QC	<0.001	0.005	<0.02	0.01	<2	0.017	0.003	0.13	6.10	<0.02	0.10	<0.001	<0.01	<0.01	5.21	0.29	0.027	5.26	6.77	
1144819	Drill Core	4.33	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.84	<0.02	0.04	<0.001	<0.01	<0.01	4.44	0.14	<0.001	1.59	8.90
REP 1144819	QC																				
1144842	Drill Core	7.52	<0.001	0.028	<0.02	<0.01	<2	0.001	0.002	0.16	7.68	<0.02	0.03	<0.001	<0.01	<0.01	6.80	0.13	<0.001	1.96	7.92
REP 1144842	QC																				
1144849	Rock Pulp	0.12	0.003	0.078	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.62	<0.02	0.06	<0.001	<0.01	<0.01	2.27	0.07	<0.001	0.72	7.89
REP 1144849	QC		0.004	0.077	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.61	<0.02	0.06	<0.001	<0.01	<0.01	2.28	0.07	0.001	0.72	7.91
REP 1144855	QC																				
1144856	Drill Core	7.25	<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.13	6.41	<0.02	0.04	<0.001	<0.01	<0.01	4.68	0.16	0.001	3.22	8.75
REP 1144856	QC																				
1144869	Rock Pulp	0.15	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.30	<0.02	0.05	<0.001	<0.01	<0.01	1.80	0.06	<0.001	0.52	6.75
REP 1144869	QC																				
1144880	Rock	4.67	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.40	<0.02	0.05	<0.001	<0.01	<0.01	1.47	0.03	<0.001	0.23	6.57
REP 1144880	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.45	<0.02	0.05	<0.001	<0.01	<0.01	1.56	0.03	0.002	0.24	7.00
1144882	Drill Core	4.99	<0.001	0.005	<0.02	<0.01	<2	0.006	0.003	0.12	6.03	<0.02	0.04	<0.001	<0.01	<0.01	6.00	0.13	0.013	4.13	8.39
REP 1144882	QC																				
Core Reject Duplicates																					
1144817	Drill Core	6.25	<0.001	0.032	<0.02	<0.01	<2	0.001	0.002	0.09	4.29	<0.02	0.05	<0.001	<0.01	<0.01	4.49	0.13	<0.001	1.91	8.83
DUP 1144817	QC		<0.001	0.031	<0.02	<0.01	<2	0.001	0.002	0.09	4.16	<0.02	0.05	<0.001	<0.01	<0.01	4.38	0.13	<0.001	1.86	8.53
1144855	Drill Core	7.88	<0.001	0.005	<0.02	<0.01	<2	0.003	0.002	0.14	6.05	<0.02	0.04	<0.001	<0.01	<0.01	4.52	0.16	0.002	3.42	8.44
DUP 1144855	QC		<0.001	0.006	<0.02	<0.01	<2	0.003	0.002	0.14	6.26	<0.02	0.05	<0.001	<0.01	<0.01	4.75	0.17	<0.001	3.47	8.41
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.254	0.47	3.13	43	0.002	0.017	0.09	18.10	<0.02	<0.01	0.009	<0.01	0.01	0.75	0.02	<0.001	1.32	4.41
STD CDN-ME-9	Standard		<0.001	0.685	<0.02	0.01	3	0.967	0.018	0.12	14.06	<0.02	0.03	<0.001	<0.01	<0.01	4.21	0.06	0.029	4.03	6.67
STD CDN-ME-14	Standard		0.001	1.219	0.50	3.08	43	0.002	0.018	0.09	17.29	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	<0.001	1.31	4.36
STD CDN-ME-9	Standard		<0.001	0.659	<0.02	0.01	5	0.919	0.019	0.12	13.32	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.06	0.028	3.91	6.60
STD CDN-ME-14	Standard		0.001	1.233	0.49	3.10	44	0.002	0.018	0.09	17.52	<0.02	<0.01	0.010	<0.01	0.01	0.74	0.02	<0.001	1.30	4.38



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Project: 204920
 Report Date: November 17, 2013

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Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
1144814 Dup of 1144813	CORE DUP	1.34	1.52	<0.01	0.13	0.4	56.2	6.2	82	<0.1	165.0	29.5	893	4.35	3.2	<0.5	2.4	557	<0.1	0.1	<0.1
REP 1144814 Dup of	QC	1.33	1.90	<0.01	0.12	0.4	53.9	6.0	79	<0.1	158.3	28.3	862	4.21	3.6	1.1	2.2	523	<0.1	0.1	<0.1
1144819	Drill Core	4.01	0.77	<0.01	0.30	5.7	197.3	3.7	37	0.1	3.3	15.6	716	3.89	16.4	4.9	0.3	92	<0.1	0.3	<0.1
REP 1144819	QC																				
1144842	Drill Core	2.82	0.57	<0.01	2.31	3.9	278.5	8.5	61	0.7	11.0	29.6	1382	6.53	51.2	19.8	0.4	57	0.3	1.3	0.5
REP 1144842	QC																				
1144849	Rock Pulp	3.14	0.97	<0.01	0.26	37.3	705.0	21.3	47	0.4	9.0	8.5	228	2.16	3.2	0.9	2.8	50	0.3	0.1	0.2
REP 1144849	QC	3.17	0.97	<0.01	0.25	38.7	704.7	21.8	50	0.4	7.8	8.5	231	2.17	2.6	1.4	2.8	51	0.1	<0.1	0.2
REP 1144855	QC																				
1144856	Drill Core	3.89	0.16	<0.01	0.29	0.8	62.3	3.5	53	<0.1	27.6	27.3	978	5.15	14.4	<0.5	0.4	63	0.4	0.8	<0.1
REP 1144856	QC																				
1144869	Rock Pulp	2.86	1.57	<0.01	0.21	10.7	169.5	10.9	45	0.1	6.7	5.2	219	1.84	2.1	1.3	2.9	41	0.1	<0.1	0.1
REP 1144869	QC					10.5	169.2	11.3	42	0.1	6.9	4.9	219	1.85	1.8	0.9	2.9	41	<0.1	<0.1	0.1
1144880	Rock	2.85	1.53	<0.01	<0.05	0.8	10.0	1.5	46	<0.1	1.4	2.1	301	1.29	<0.5	<0.5	6.2	20	<0.1	<0.1	<0.1
REP 1144880	QC	2.87	1.32	<0.01	<0.05																
1144882	Drill Core	2.25	1.30	<0.01	0.11	0.6	48.2	1.8	57	<0.1	49.1	23.6	823	4.29	9.2	<0.5	0.7	62	0.2	0.7	<0.1
REP 1144882	QC																				
Core Reject Duplicates																					
1144817	Drill Core	4.80	0.66	<0.01	0.26	1.5	320.6	3.0	45	0.2	11.1	24.2	797	3.60	31.6	11.2	0.3	149	<0.1	0.4	<0.1
DUP 1144817	QC	4.73	0.65	<0.01	0.25	1.6	337.3	3.1	45	0.2	11.5	24.5	814	3.69	32.7	10.2	0.3	149	<0.1	0.4	0.1
1144855	Drill Core	3.90	0.18	<0.01	0.20	0.5	58.0	1.8	55	<0.1	30.4	25.8	1065	4.87	11.2	<0.5	0.5	95	<0.1	0.9	<0.1
DUP 1144855	QC	3.82	0.18	<0.01	0.24	0.4	55.6	1.7	53	<0.1	29.3	25.6	1057	4.79	11.2	<0.5	0.5	99	<0.1	0.9	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.52	1.65	<0.01	16.01																
STD CDN-ME-9	Standard	1.81	0.64	<0.01	2.46																
STD CDN-ME-14	Standard	0.51	1.63	<0.01	15.67																
STD CDN-ME-9	Standard	1.78	0.64	<0.01	2.50																
STD CDN-ME-14	Standard	0.51	1.65	<0.01	15.84																

QUALITY CONTROL REPORT

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
1144814 Dup of 1144813	CORE DUP	135	1.87	0.279	30	48	3.69	2479	0.481	<20	3.52	0.835	0.94	<0.1	<0.01	3.5	0.2	0.13	9	<0.5	<0.2
REP 1144814 Dup of	QC	131	1.79	0.256	29	45	3.59	2592	0.455	<20	3.41	0.809	0.90	<0.1	<0.01	3.4	0.1	0.13	8	<0.5	<0.2
1144819	Drill Core	68	2.55	0.138	5	4	1.63	171	0.215	<20	2.09	0.054	0.12	0.3	<0.01	3.0	<0.1	0.31	9	<0.5	<0.2
REP 1144819	QC																				
1144842	Drill Core	210	4.18	0.115	3	8	1.91	50	0.263	<20	2.47	0.037	0.03	0.3	0.04	13.5	<0.1	2.13	10	2.3	<0.2
REP 1144842	QC																				
1144849	Rock Pulp	36	0.63	0.061	8	12	0.58	50	0.044	<20	0.90	0.071	0.14	0.9	<0.01	2.0	<0.1	0.24	4	<0.5	<0.2
REP 1144849	QC	36	0.64	0.062	8	12	0.59	52	0.045	<20	0.91	0.072	0.14	0.8	<0.01	2.1	<0.1	0.24	5	<0.5	<0.2
REP 1144855	QC																				
1144856	Drill Core	141	2.72	0.139	10	39	2.92	13	0.255	<20	3.01	0.072	0.01	<0.1	<0.01	11.7	<0.1	0.27	11	<0.5	<0.2
REP 1144856	QC																				
1144869	Rock Pulp	26	0.86	0.053	10	10	0.42	35	0.017	<20	0.77	0.064	0.14	0.4	<0.01	1.6	<0.1	0.20	5	<0.5	<0.2
REP 1144869	QC	26	0.86	0.054	10	11	0.42	36	0.017	<20	0.78	0.065	0.14	0.4	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
1144880	Rock	12	0.21	0.027	11	5	0.23	60	0.053	<20	0.50	0.062	0.25	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
REP 1144880	QC																				
1144882	Drill Core	134	2.74	0.117	10	43	2.80	44	0.335	<20	3.00	0.127	0.07	0.1	<0.01	6.0	<0.1	0.10	9	<0.5	<0.2
REP 1144882	QC																				
Core Reject Duplicates																					
1144817	Drill Core	96	3.00	0.131	6	13	1.88	329	0.213	<20	2.02	0.082	0.07	0.3	<0.01	6.0	<0.1	0.26	9	<0.5	<0.2
DUP 1144817	QC	99	3.08	0.132	6	14	1.95	325	0.211	<20	2.10	0.080	0.07	0.3	<0.01	5.9	<0.1	0.27	9	<0.5	<0.2
1144855	Drill Core	132	2.91	0.144	10	44	3.21	139	0.249	<20	2.86	0.049	<0.01	0.1	<0.01	13.0	<0.1	0.19	10	<0.5	<0.2
DUP 1144855	QC	131	3.08	0.143	10	43	3.16	162	0.249	<20	2.83	0.050	<0.01	0.1	<0.01	13.7	<0.1	0.21	10	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
1144814 Dup of 1144813	CORE DUP	0.15	0.12 <0.005
REP 1144814 Dup of	QC		<0.005
1144819	Drill Core	0.49	0.32 <0.005
REP 1144819	QC	0.50	0.33
1144842	Drill Core	1.21	2.29 0.022
REP 1144842	QC		0.022
1144849	Rock Pulp	0.13	0.24 <0.005
REP 1144849	QC		
REP 1144855	QC	0.51	0.22
1144856	Drill Core	0.37	0.31 <0.005
REP 1144856	QC	0.36	0.33
1144869	Rock Pulp	0.22	0.20 0.007
REP 1144869	QC		
1144880	Rock	0.03	<0.02 <0.005
REP 1144880	QC		
1144882	Drill Core	0.40	0.11 0.007
REP 1144882	QC	0.40	0.10
Core Reject Duplicates			
1144817	Drill Core	0.75	0.27 0.013
DUP 1144817	QC	0.74	0.31 0.012
1144855	Drill Core	0.49	0.23 <0.005
DUP 1144855	QC	0.56	0.25 <0.005
Reference Materials			
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD CDN-ME-14	Standard		



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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD CDN-ME-9	Standard	<0.001	0.644	<0.02	0.01	3	0.906	0.017	0.12	13.51	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.029	3.93	6.59	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					

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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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-9	Standard	1.79	0.63	<0.01	2.53																	
STD DS10	Standard					12.9	153.4	153.4	361	1.8	73.9	13.0	854	2.68	43.3	56.0	7.1	64	2.5	7.3	11.5	
STD DS10	Standard					14.0	167.7	163.3	387	2.0	78.8	13.5	905	2.87	45.4	61.5	7.3	57	2.5	6.3	9.9	
STD DS10	Standard					13.3	148.6	153.1	340	1.9	71.2	12.4	851	2.65	45.0	101.9	6.5	55	2.5	6.2	11.2	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.3	676.0	15.1	29	0.2	376.1	52.4	390	23.57	9.3	61.7	10.6	3	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.7	716.5	15.0	30	0.3	393.2	55.5	415	24.99	10.5	45.3	10.3	3	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.4	663.3	12.5	26	0.3	359.1	47.1	375	21.96	9.1	52.8	9.1	3	<0.1	0.1	0.3	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	

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QUALITY CONTROL REPORT

SMI13000359.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD CDN-ME-9	Standard																					
STD DS10	Standard	40	1.02	0.072	15	54	0.75	373	0.070	<20	0.98	0.062	0.32	2.8	0.29	2.5	4.9	0.27	4	2.0	4.5	
STD DS10	Standard	47	1.08	0.077	17	57	0.79	418	0.078	<20	1.05	0.069	0.34	3.0	0.28	2.9	5.0	0.29	4	2.5	5.0	
STD DS10	Standard	41	1.03	0.072	15	51	0.75	404	0.060	<20	0.97	0.061	0.32	2.9	0.33	2.7	4.9	0.28	4	2.3	4.8	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	299	0.04	0.028	7	891	0.10	141	0.089	<20	3.03	0.018	0.05	<0.1	0.02	74.7	<0.1	<0.05	12	<0.5	<0.2	
STD OREAS45EA	Standard	310	0.04	0.030	7	988	0.10	148	0.094	<20	3.29	0.026	0.06	<0.1	<0.01	80.8	<0.1	<0.05	13	0.7	<0.2	
STD OREAS45EA	Standard	285	0.04	0.028	6	934	0.08	139	0.073	<20	2.92	0.017	0.05	<0.1	<0.01	74.0	0.1	<0.05	12	<0.5	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 17, 2013

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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.98	2.46	
STD GS311-1	Standard	0.99	2.43	
STD GS311-1	Standard	0.98	2.25	
STD GS311-1	Standard	0.99	2.31	
STD GS910-4	Standard	2.69	8.23	
STD GS910-4	Standard	2.74	8.34	
STD GS910-4	Standard	2.71	8.11	
STD GS910-4	Standard	2.61	8.20	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.211
STD OXC109	Standard			0.211
STD OXC109	Standard			0.207
STD OXI96	Standard			1.775
STD OXI96	Standard			1.835
STD OXI96	Standard			1.897
STD OXL93	Standard			5.812
STD OXL93	Standard			6.083
STD OXL93	Standard			6.008
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				

QUALITY CONTROL REPORT

SMI13000359.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.0015	0.01	0.01
STD CDN-ME-14 Expected				1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175
STD CDN-ME-9 Expected				0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank																				
G1-SMI	Prep Blank																				



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Project: 204920
 Report Date: November 17, 2013

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QUALITY CONTROL REPORT

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	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-14 Expected	0.52	1.5		16																	
STD CDN-ME-9 Expected	1.82	0.63		2.547																	
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
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BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.50	1.33	<0.01	0.06	0.1	2.4	2.7	46	<0.1	4.6	4.3	576	2.05	<0.5	0.8	4.6	48	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.52	1.34	<0.01	<0.05	0.2	5.1	2.8	52	<0.1	4.5	4.5	595	2.11	<0.5	1.0	4.7	51	<0.1	<0.1	<0.1



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Project: 204920
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QUALITY CONTROL REPORT

SMI13000359.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD CDN-ME-14 Expected		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	37	0.44	0.075	10	10	0.56	244	0.128	<20	0.94	0.079	0.49	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	38	0.48	0.082	9	11	0.58	253	0.129	<20	0.97	0.082	0.50	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2



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Project: 204920
 Report Date: November 17, 2013

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QUALITY CONTROL REPORT

SMI13000359.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000360.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_011
P.O. Number
Number of Samples: 88

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	83	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	5	Split samples by riffle splitter			SMI
P200	5	Pulverize to 85% passing 200 mesh			VAN
7TD2	88	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	88	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	88	Analysis by Leco	0.1	Completed	VAN
G6	88	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS





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Project: 204920
 Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	Analyte	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
Unit		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	
2322379	Drill Core	6.56	0.003	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.27	<0.02	0.04	<0.001	<0.01	<0.01	3.03	0.12	<0.001	0.87	7.57
2322380	Drill Core	6.69	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.57	<0.02	0.04	<0.001	<0.01	<0.01	2.95	0.12	<0.001	1.24	8.15
2322381	Drill Core	6.62	0.002	0.072	<0.02	<0.01	<2	<0.001	0.002	0.05	3.37	<0.02	0.03	<0.001	<0.01	<0.01	2.81	0.12	<0.001	1.30	7.56
2322382	Rock Pulp	0.21	0.016	0.181	<0.02	<0.01	<2	0.001	<0.001	0.07	4.18	<0.02	0.07	<0.001	<0.01	<0.01	2.20	0.08	0.002	0.68	6.66
2322383	Drill Core	6.74	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.66	<0.02	0.04	<0.001	<0.01	<0.01	3.05	0.11	<0.001	1.15	7.72
2322384 Dup of 2322383	CORE DUP		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.71	<0.02	0.04	<0.001	<0.01	<0.01	3.08	0.11	<0.001	1.14	7.21
2322385	Drill Core	2.87	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.001	0.04	3.98	<0.02	0.04	<0.001	<0.01	<0.01	3.01	0.12	<0.001	1.12	6.85
2322386	Drill Core	3.25	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.001	0.04	3.90	<0.02	0.04	<0.001	<0.01	<0.01	3.08	0.11	<0.001	1.20	7.96
2322387	Drill Core	6.76	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.91	<0.02	0.03	<0.001	<0.01	<0.01	3.29	0.12	0.002	1.02	7.33
2322388	Drill Core	6.19	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.89	<0.02	0.03	<0.001	<0.01	<0.01	3.09	0.12	<0.001	1.03	6.32
2322389	Rock	4.24	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.24	<0.02	0.04	<0.001	<0.01	<0.01	1.22	0.02	<0.001	0.18	5.75
2322390	Drill Core	6.90	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.76	<0.02	0.02	<0.001	<0.01	<0.01	3.49	0.11	<0.001	1.02	6.86
2322391	Drill Core	7.22	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.55	<0.02	0.03	<0.001	<0.01	<0.01	3.45	0.11	<0.001	0.93	6.40
2322392	Rock Pulp	0.17	0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.19	<0.02	0.05	<0.001	<0.01	<0.01	1.71	0.06	<0.001	0.50	6.27
2322393	Drill Core	6.34	<0.001	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.24	<0.02	0.03	<0.001	<0.01	<0.01	2.96	0.11	<0.001	0.91	6.41
2322394	Rock	4.68	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.40	0.03	0.001	0.23	6.31
2322395	Drill Core	6.37	<0.001	0.031	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.06	<0.02	0.03	<0.001	<0.01	<0.01	3.95	0.12	0.002	1.00	7.20
2322396 Dup of 2322395	CORE DUP		<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.95	<0.02	0.03	<0.001	<0.01	<0.01	3.88	0.11	0.001	0.96	6.49
2322397	Drill Core	6.52	<0.001	0.024	<0.02	<0.01	<2	<0.001	0.001	0.03	3.81	<0.02	0.02	<0.001	<0.01	<0.01	3.18	0.11	<0.001	0.80	7.09
2322398	Drill Core	3.79	<0.001	0.042	<0.02	<0.01	<2	<0.001	0.002	0.03	3.62	<0.02	0.02	<0.001	<0.01	<0.01	2.76	0.12	<0.001	0.96	7.64
2322399	Drill Core	3.95	<0.001	0.040	<0.02	<0.01	<2	<0.001	0.001	0.04	3.45	<0.02	0.02	<0.001	<0.01	<0.01	3.09	0.12	<0.001	0.96	7.43
2322400	Drill Core	6.25	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.17	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.12	<0.001	1.16	6.86
2322401	Drill Core	6.98	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.15	<0.02	0.03	<0.001	<0.01	<0.01	3.47	0.11	<0.001	1.29	6.80
2322402	Drill Core	6.75	<0.001	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.02	<0.001	<0.01	<0.01	1.76	0.13	<0.001	1.23	7.94
2322403	Drill Core	6.43	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.05	<0.02	0.03	<0.001	<0.01	<0.01	2.87	0.12	<0.001	1.18	6.68
2322404	Drill Core	7.92	<0.001	0.041	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.33	<0.02	0.04	<0.001	<0.01	<0.01	2.02	0.13	<0.001	1.27	7.93
2322405	Drill Core	7.47	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.24	<0.02	0.04	<0.001	<0.01	<0.01	3.29	0.12	0.001	0.96	7.55
2322406	Drill Core	6.37	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.42	<0.02	0.04	<0.001	<0.01	<0.01	2.77	0.12	0.001	1.00	7.43
2322407	Drill Core	6.80	<0.001	0.054	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.33	<0.02	0.02	<0.001	<0.01	<0.01	3.36	0.12	<0.001	1.04	7.23
2322408	Drill Core	6.11	<0.001	0.066	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.56	<0.02	0.04	<0.001	<0.01	<0.01	3.41	0.12	<0.001	0.83	6.46

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.

CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322379	Drill Core	3.59	1.08	<0.01	0.48	26.2	185.9	1.2	28	0.1	2.1	7.9	281	2.44	6.0	6.8	0.5	41	<0.1	0.2	0.2
2322380	Drill Core	3.43	1.08	<0.01	0.31	0.8	24.0	0.9	33	<0.1	2.0	10.0	333	2.71	5.4	6.5	0.5	40	<0.1	0.1	0.2
2322381	Drill Core	3.51	1.23	<0.01	0.90	23.9	693.0	1.6	51	0.2	2.6	20.6	419	2.81	5.4	13.5	0.6	35	<0.1	0.1	0.3
2322382	Rock Pulp	2.64	2.00	<0.01	0.26	138.7	1686.8	4.5	69	0.7	14.0	7.4	562	3.33	2.5	317.6	3.6	53	0.3	0.2	0.2
2322383	Drill Core	3.55	1.04	<0.01	0.53	8.1	107.8	0.8	30	<0.1	1.9	9.7	355	2.84	5.6	5.1	0.6	58	<0.1	0.1	0.1
2322384 Dup of 2322383	CORE DUP	3.55	1.05	<0.01	0.58	6.8	102.0	0.8	28	<0.1	2.1	9.9	357	2.83	5.1	3.8	0.6	63	<0.1	0.1	<0.1
2322385	Drill Core	3.53	0.93	<0.01	0.56	2.9	98.0	0.9	22	<0.1	2.3	13.7	338	3.06	5.9	3.0	0.6	80	<0.1	0.1	0.2
2322386	Drill Core	3.60	0.94	<0.01	0.58	4.2	94.1	1.0	24	<0.1	2.2	14.9	343	3.16	6.1	5.5	0.6	73	<0.1	0.1	0.2
2322387	Drill Core	3.22	1.28	<0.01	0.11	3.8	114.5	0.8	29	<0.1	2.2	4.5	299	2.87	5.4	5.4	0.6	45	<0.1	0.1	<0.1
2322388	Drill Core	2.92	1.22	<0.01	0.68	5.4	147.7	1.0	34	0.2	1.9	12.5	329	2.92	5.8	7.6	0.6	42	<0.1	0.1	0.2
2322389	Rock	2.71	1.76	<0.01	<0.05	0.6	7.8	1.6	36	<0.1	0.8	1.7	238	1.11	<0.5	1.1	5.2	16	<0.1	<0.1	<0.1
2322390	Drill Core	2.28	1.73	<0.01	0.49	1.7	117.9	1.2	54	0.2	1.9	6.4	413	2.95	5.1	7.0	0.6	40	<0.1	<0.1	0.5
2322391	Drill Core	3.03	1.22	<0.01	0.93	2.0	362.1	1.0	35	0.2	1.9	11.4	300	2.90	6.4	6.5	0.6	50	<0.1	0.2	0.3
2322392	Rock Pulp	2.82	2.10	<0.01	0.20	10.5	158.4	10.9	41	<0.1	6.3	5.1	206	1.76	2.2	2.1	2.7	37	0.1	<0.1	0.1
2322393	Drill Core	3.12	1.22	<0.01	0.88	2.4	366.6	0.8	33	0.2	2.0	7.1	299	2.65	6.4	5.3	0.6	53	<0.1	<0.1	0.2
2322394	Rock	2.82	1.80	<0.01	<0.05	0.3	9.9	1.5	46	<0.1	1.0	1.9	274	1.25	0.5	1.3	5.9	16	<0.1	<0.1	<0.1
2322395	Drill Core	3.05	1.20	<0.01	1.86	1.9	292.7	1.6	31	0.5	2.6	10.9	324	3.24	13.2	17.3	0.6	52	<0.1	0.1	0.5
2322396 Dup of 2322395	CORE DUP	3.04	1.19	<0.01	1.75	2.0	282.3	1.6	30	0.5	2.6	10.8	340	3.27	12.7	21.4	0.6	55	<0.1	0.1	0.5
2322397	Drill Core	3.05	1.54	<0.01	1.65	2.3	233.9	1.1	24	0.2	1.7	16.9	274	3.01	13.0	7.6	0.6	43	<0.1	<0.1	0.3
2322398	Drill Core	2.87	1.58	<0.01	1.97	5.7	410.5	1.6	23	0.3	1.7	20.2	303	2.98	11.8	12.2	0.7	41	<0.1	<0.1	0.4
2322399	Drill Core	2.94	1.56	<0.01	1.76	3.9	391.5	1.5	24	0.2	1.5	18.8	343	2.90	12.4	23.2	0.6	72	<0.1	<0.1	0.4
2322400	Drill Core	3.80	1.09	<0.01	1.95	9.0	382.8	2.0	25	0.4	1.5	13.0	292	2.68	12.5	17.7	0.8	44	<0.1	<0.1	0.5
2322401	Drill Core	2.92	1.32	<0.01	1.36	1.2	257.1	2.2	32	0.3	1.4	10.2	453	2.57	7.9	16.8	0.7	86	<0.1	<0.1	0.4
2322402	Drill Core	2.94	1.62	<0.01	0.58	1.0	350.9	1.4	36	0.1	1.7	6.7	330	2.44	5.5	5.6	0.8	41	<0.1	<0.1	0.2
2322403	Drill Core	3.69	1.03	<0.01	0.45	0.3	46.0	1.1	40	<0.1	1.3	3.0	396	2.34	4.5	1.7	0.6	87	<0.1	<0.1	<0.1
2322404	Drill Core	4.26	0.94	<0.01	0.58	0.7	394.9	1.3	33	0.2	1.9	9.2	349	2.67	4.0	4.4	0.7	56	<0.1	0.1	0.1
2322405	Drill Core	3.42	1.14	<0.01	0.17	0.4	68.8	1.0	29	<0.1	1.6	4.2	404	2.70	3.7	1.4	0.6	52	<0.1	0.1	<0.1
2322406	Drill Core	3.64	1.02	<0.01	0.10	0.5	32.7	0.8	31	<0.1	1.7	4.1	365	2.87	4.0	1.4	0.6	71	<0.1	0.2	<0.1
2322407	Drill Core	3.01	1.80	<0.01	0.45	1.7	515.0	1.4	32	0.2	1.4	7.9	449	1.75	4.3	5.7	0.7	52	<0.1	0.2	0.1
2322408	Drill Core	3.72	1.09	<0.01	0.61	2.0	647.6	1.6	28	0.3	1.6	8.4	365	2.12	5.0	6.7	0.6	80	<0.1	0.1	0.1



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Project: 204920
 Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.5	0.2	
2322379	Drill Core	24	2.01	0.104	4	3	0.74	166	0.007	<20	1.08	0.076	0.13	0.2	<0.01	2.3	<0.1	0.43	5	<0.5	<0.2
2322380	Drill Core	31	1.90	0.100	4	4	1.07	133	0.013	<20	1.40	0.085	0.13	<0.1	<0.01	2.8	<0.1	0.28	6	<0.5	<0.2
2322381	Drill Core	35	2.28	0.103	6	4	1.11	76	0.004	<20	1.42	0.067	0.14	0.2	<0.01	3.3	<0.1	0.82	6	<0.5	<0.2
2322382	Rock Pulp	51	1.05	0.066	11	20	0.61	177	0.070	<20	0.96	0.062	0.41	0.1	0.03	3.3	0.1	0.24	5	0.8	<0.2
2322383	Drill Core	31	2.28	0.095	6	5	0.99	151	0.006	<20	1.29	0.085	0.13	<0.1	<0.01	2.7	<0.1	0.48	6	<0.5	<0.2
2322384 Dup of 2322383	CORE DUP	30	2.37	0.098	6	4	0.97	146	0.006	<20	1.21	0.073	0.12	<0.1	<0.01	2.7	<0.1	0.51	6	<0.5	<0.2
2322385	Drill Core	32	2.17	0.096	6	5	0.99	569	0.012	<20	1.24	0.085	0.11	<0.1	<0.01	2.9	<0.1	0.50	6	<0.5	<0.2
2322386	Drill Core	34	2.09	0.097	6	4	1.05	497	0.013	<20	1.41	0.098	0.12	<0.1	<0.01	3.1	<0.1	0.51	6	<0.5	<0.2
2322387	Drill Core	28	2.52	0.100	8	7	0.87	97	0.006	<20	1.42	0.083	0.18	0.2	<0.01	3.0	<0.1	0.09	6	<0.5	<0.2
2322388	Drill Core	28	2.36	0.103	8	3	0.88	61	0.003	<20	1.40	0.075	0.15	<0.1	<0.01	3.0	<0.1	0.62	5	0.7	<0.2
2322389	Rock	9	0.16	0.019	9	4	0.16	53	0.042	<20	0.41	0.057	0.22	<0.1	<0.01	1.3	0.1	<0.05	3	<0.5	<0.2
2322390	Drill Core	22	3.29	0.099	9	3	0.85	77	0.002	<20	1.65	0.059	0.24	0.5	<0.01	2.7	<0.1	0.44	5	0.6	0.3
2322391	Drill Core	24	2.67	0.097	8	4	0.85	121	0.002	<20	1.43	0.081	0.16	0.1	<0.01	2.7	<0.1	0.85	5	0.7	0.2
2322392	Rock Pulp	24	0.84	0.051	10	7	0.40	35	0.016	<20	0.71	0.059	0.13	0.4	<0.01	1.5	<0.1	0.19	4	<0.5	<0.2
2322393	Drill Core	23	2.34	0.101	6	4	0.79	270	0.001	<20	1.35	0.081	0.15	0.1	<0.01	2.9	<0.1	0.80	5	0.7	<0.2
2322394	Rock	11	0.18	0.025	10	4	0.21	60	0.054	<20	0.48	0.065	0.26	<0.1	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
2322395	Drill Core	28	3.04	0.103	6	5	0.85	146	0.002	<20	1.31	0.074	0.14	0.5	<0.01	3.2	<0.1	1.72	5	1.3	0.4
2322396 Dup of 2322395	CORE DUP	29	3.14	0.107	6	5	0.89	158	0.002	<20	1.34	0.080	0.14	0.4	<0.01	3.1	<0.1	1.67	5	1.5	0.4
2322397	Drill Core	19	2.65	0.104	7	3	0.67	89	0.001	<20	1.22	0.064	0.18	0.1	<0.01	2.4	<0.1	1.53	4	0.7	0.3
2322398	Drill Core	17	2.43	0.111	6	3	0.81	62	<0.001	<20	1.29	0.057	0.19	0.2	<0.01	2.3	<0.1	1.82	4	1.8	0.3
2322399	Drill Core	17	2.77	0.115	6	3	0.83	126	<0.001	<20	1.29	0.057	0.18	0.2	<0.01	2.3	<0.1	1.63	4	1.3	0.3
2322400	Drill Core	24	2.14	0.114	7	4	1.04	69	0.001	<20	1.27	0.067	0.13	0.2	<0.01	2.7	<0.1	1.80	6	1.4	0.5
2322401	Drill Core	20	3.29	0.107	7	3	1.11	124	0.001	<20	1.44	0.068	0.18	<0.1	<0.01	2.3	<0.1	1.26	5	0.9	0.3
2322402	Drill Core	21	1.61	0.118	8	3	1.05	42	0.001	<20	1.66	0.072	0.21	0.1	<0.01	2.5	<0.1	0.52	6	<0.5	<0.2
2322403	Drill Core	21	2.61	0.110	6	3	1.05	197	0.001	<20	1.66	0.086	0.14	<0.1	<0.01	2.9	<0.1	0.40	6	<0.5	<0.2
2322404	Drill Core	26	1.60	0.118	8	4	1.14	54	0.002	<20	1.69	0.095	0.13	<0.1	<0.01	3.3	<0.1	0.52	7	0.7	<0.2
2322405	Drill Core	21	2.54	0.114	7	4	0.89	140	0.006	<20	1.35	0.085	0.13	<0.1	<0.01	2.8	<0.1	0.16	5	<0.5	<0.2
2322406	Drill Core	22	1.99	0.115	7	5	0.95	97	0.007	<20	1.48	0.095	0.13	<0.1	<0.01	2.5	<0.1	0.09	6	<0.5	<0.2
2322407	Drill Core	20	3.08	0.113	8	3	0.87	62	<0.001	<20	1.18	0.058	0.20	<0.1	<0.01	2.4	<0.1	0.42	4	0.7	<0.2
2322408	Drill Core	21	2.79	0.110	6	3	0.78	77	0.003	<20	1.13	0.088	0.15	<0.1	<0.01	2.5	<0.1	0.58	4	0.6	<0.2

CERTIFICATE OF ANALYSIS

SMI13000360.1

Method Analyte	2A Leco TOT/C	2A Leco TOT/S	G6 Au	
				Unit
	%	%	ppm	
	0.02	0.02	0.005	
2322379	Drill Core	0.53	0.52	0.009
2322380	Drill Core	0.48	0.33	0.007
2322381	Drill Core	0.67	0.98	0.024
2322382	Rock Pulp	0.28	0.27	0.408
2322383	Drill Core	0.63	0.57	0.009
2322384 Dup of 2322383	CORE DUP	0.60	0.62	0.013
2322385	Drill Core	0.63	0.60	0.006
2322386	Drill Core	0.59	0.62	<0.005
2322387	Drill Core	0.77	0.11	<0.005
2322388	Drill Core	0.74	0.72	0.007
2322389	Rock	0.02	<0.02	<0.005
2322390	Drill Core	1.08	0.53	0.009
2322391	Drill Core	0.82	1.03	0.013
2322392	Rock Pulp	0.19	0.21	<0.005
2322393	Drill Core	0.72	0.99	0.007
2322394	Rock	<0.02	<0.02	<0.005
2322395	Drill Core	1.06	1.88	0.019
2322396 Dup of 2322395	CORE DUP	1.08	1.73	0.015
2322397	Drill Core	0.91	1.68	0.009
2322398	Drill Core	0.74	2.01	0.014
2322399	Drill Core	0.91	1.77	0.014
2322400	Drill Core	0.64	1.86	0.019
2322401	Drill Core	1.10	1.32	0.015
2322402	Drill Core	0.47	0.55	0.007
2322403	Drill Core	0.77	0.44	<0.005
2322404	Drill Core	0.45	0.54	0.011
2322405	Drill Core	0.73	0.17	<0.005
2322406	Drill Core	0.55	0.09	<0.005
2322407	Drill Core	0.97	0.43	0.005
2322408	Drill Core	0.88	0.63	0.011

CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322409	Drill Core	7.67	<0.001	0.133	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.30	<0.02	0.03	<0.001	<0.01	<0.01	3.59	0.12	<0.001	0.99	7.03
2322410	Drill Core	7.10	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.29	<0.02	0.03	<0.001	<0.01	<0.01	3.31	0.11	<0.001	0.98	7.09
2322411	Drill Core	6.91	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.38	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.11	<0.001	1.00	7.17
2322412	Drill Core	5.30	<0.001	0.266	<0.02	<0.01	<2	<0.001	0.003	0.06	4.46	<0.02	0.02	<0.001	<0.01	<0.01	3.40	0.12	<0.001	1.09	6.91
2322413	Drill Core	7.36	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.09	<0.02	0.02	<0.001	<0.01	<0.01	3.51	0.12	<0.001	0.97	6.57
2322414	Drill Core	2.20	<0.001	0.062	<0.02	<0.01	<2	0.001	0.002	0.11	3.64	<0.02	0.01	<0.001	<0.01	<0.01	6.80	0.09	0.002	1.74	7.49
2322415	Drill Core	2.31	<0.001	0.068	<0.02	0.01	<2	<0.001	0.002	0.12	3.62	<0.02	0.01	<0.001	<0.01	<0.01	7.01	0.09	0.002	1.75	7.59
2322416	Drill Core	7.70	<0.001	0.102	<0.02	0.03	<2	<0.001	<0.001	0.03	2.77	<0.02	<0.01	<0.001	<0.01	<0.01	2.35	0.07	<0.001	0.79	5.62
2322417	Rock Pulp	0.20	0.025	0.468	<0.02	<0.01	<2	0.004	0.001	0.08	4.94	<0.02	0.03	<0.001	<0.01	<0.01	2.64	0.06	0.005	1.36	6.37
2322418	Drill Core	7.57	<0.001	0.145	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.24	<0.02	0.01	<0.001	<0.01	<0.01	3.35	0.11	<0.001	0.82	6.85
2322419 Dup of 2322418	CORE DUP		<0.001	0.155	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.30	<0.02	0.01	<0.001	<0.01	<0.01	3.39	0.11	<0.001	0.83	7.18
2322420	Drill Core	7.56	<0.001	0.046	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.87	<0.02	<0.01	<0.001	<0.01	<0.01	1.28	0.17	<0.001	0.76	9.05
2322421	Rock	3.66	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.54	<0.02	0.05	<0.001	<0.01	<0.01	1.50	0.03	<0.001	0.23	6.89
2322422	Drill Core	5.48	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.20	<0.02	<0.01	<0.001	<0.01	<0.01	1.43	0.07	<0.001	0.78	4.78
2322423	Drill Core	8.21	0.003	0.091	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.15	<0.02	0.03	<0.001	<0.01	<0.01	4.47	0.12	<0.001	1.22	7.77
2322424	Drill Core	6.96	<0.001	0.058	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.30	<0.02	0.03	<0.001	<0.01	<0.01	3.35	0.11	<0.001	1.30	7.97
2322425	Drill Core	8.04	<0.001	0.057	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.17	<0.02	0.03	<0.001	<0.01	<0.01	3.52	0.13	0.001	1.59	8.06
2322426	Drill Core	8.13	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.12	5.69	<0.02	0.06	<0.001	<0.01	<0.01	4.59	0.14	0.003	2.20	8.60
2322427	Drill Core	7.11	<0.001	0.049	<0.02	<0.01	<2	<0.001	0.001	0.05	4.54	<0.02	0.04	<0.001	<0.01	<0.01	3.10	0.12	<0.001	1.39	7.46
2322428	Drill Core	6.69	<0.001	0.036	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.19	<0.02	0.05	<0.001	<0.01	<0.01	3.05	0.12	0.001	1.28	7.07
2322429	Drill Core	6.14	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.27	<0.02	0.06	<0.001	<0.01	<0.01	3.53	0.12	0.001	1.55	8.89
2322430	Drill Core	6.73	0.030	0.049	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.73	<0.02	0.02	<0.001	<0.01	<0.01	1.58	0.12	<0.001	0.44	8.22
2322431	Drill Core	5.89	<0.001	0.039	<0.02	<0.01	<2	<0.001	0.001	0.04	2.69	<0.02	0.04	<0.001	<0.01	<0.01	3.54	0.12	<0.001	1.91	8.83
2322432	Drill Core	6.71	<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.12	<0.02	0.04	<0.001	<0.01	<0.01	3.02	0.12	<0.001	2.08	8.41
2322433	Drill Core	7.15	<0.001	0.041	<0.02	<0.01	<2	<0.001	0.001	0.04	2.57	<0.02	0.04	<0.001	<0.01	<0.01	3.23	0.12	<0.001	1.56	7.68
2322434	Drill Core	7.52	<0.001	0.061	<0.02	<0.01	<2	<0.001	0.001	0.04	2.32	<0.02	0.04	<0.001	<0.01	<0.01	2.51	0.12	<0.001	1.23	7.12
2322435	Drill Core	6.86	<0.001	0.075	<0.02	<0.01	<2	<0.001	0.001	0.05	3.75	<0.02	0.04	<0.001	<0.01	<0.01	2.71	0.12	<0.001	1.52	8.15
2322436	Drill Core	6.16	<0.001	0.059	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.75	<0.02	0.03	<0.001	<0.01	<0.01	2.76	0.12	0.001	1.54	7.72
2322437	Drill Core	8.15	<0.001	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.87	<0.02	0.03	<0.001	<0.01	<0.01	4.20	0.12	<0.001	1.29	7.95
2322438	Drill Core	7.27	<0.001	0.101	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.53	<0.02	0.04	<0.001	<0.01	<0.01	3.87	0.12	<0.001	1.11	7.69

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Project: 204920

Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322409	Drill Core	3.58	1.42	<0.01	0.73	2.9	1258.3	1.5	27	0.7	1.8	10.8	352	2.47	4.3	15.0	0.7	48	<0.1	0.2	0.2
2322410	Drill Core	3.48	1.27	<0.01	0.10	1.4	22.9	0.6	32	<0.1	1.9	4.3	425	2.66	3.7	1.4	0.7	78	<0.1	0.1	<0.1
2322411	Drill Core	3.25	1.57	<0.01	0.20	0.8	155.1	0.7	35	<0.1	1.6	5.3	404	2.55	4.3	2.1	0.6	46	<0.1	0.1	<0.1
2322412	Drill Core	2.61	1.97	<0.01	3.10	2.1	2436.5	2.6	45	2.0	3.8	25.8	515	3.56	7.0	22.8	0.8	29	0.3	1.6	1.4
2322413	Drill Core	3.04	1.85	<0.01	0.61	1.9	352.4	0.9	32	0.1	1.6	8.8	400	2.36	3.9	3.0	0.6	43	<0.1	<0.1	0.2
2322414	Drill Core	1.36	1.63	<0.01	1.43	1.3	573.2	2.0	87	0.3	9.7	19.6	975	2.74	5.7	10.3	0.5	64	<0.1	<0.1	1.1
2322415	Drill Core	1.34	1.55	<0.01	1.41	1.3	624.5	1.9	87	0.3	10.2	22.5	1004	2.72	4.9	8.1	0.4	60	<0.1	<0.1	0.9
2322416	Drill Core	0.24	1.77	<0.01	1.69	5.2	982.4	2.0	220	0.5	1.3	5.4	284	1.92	1.4	21.0	0.4	22	2.4	<0.1	3.7
2322417	Rock Pulp	2.26	0.87	<0.01	0.57	208.4	4414.5	3.6	43	0.7	30.4	10.5	426	3.25	4.9	536.3	0.9	27	0.2	0.5	0.1
2322418	Drill Core	1.48	2.12	<0.01	2.31	7.2	1381.0	2.4	31	1.0	1.9	5.7	432	2.43	1.9	17.8	0.6	29	0.1	0.1	2.7
2322419 Dup of 2322418	CORE DUP	1.43	2.15	<0.01	2.37	7.6	1482.8	2.3	30	1.1	1.7	5.6	423	2.46	1.4	20.4	0.5	29	<0.1	0.1	3.4
2322420	Drill Core	0.20	4.04	<0.01	3.22	4.1	457.0	1.6	29	0.6	0.7	4.2	180	2.91	1.4	15.7	0.7	25	0.3	<0.1	6.4
2322421	Rock	2.91	1.88	<0.01	<0.05	0.6	12.6	2.1	50	<0.1	1.0	2.3	310	1.36	<0.5	<0.5	7.1	18	<0.1	<0.1	0.1
2322422	Drill Core	1.04	0.90	<0.01	0.25	3.1	56.9	0.6	13	0.1	2.0	1.1	193	0.74	2.4	0.9	0.3	23	<0.1	0.2	0.3
2322423	Drill Core	3.13	1.52	<0.01	0.14	31.5	884.2	1.1	36	0.5	2.7	7.2	419	1.61	6.7	9.4	0.6	53	<0.1	0.4	<0.1
2322424	Drill Core	3.29	1.38	<0.01	0.14	8.7	530.2	1.0	38	0.3	2.9	8.6	377	2.44	5.9	21.5	0.5	46	<0.1	0.1	<0.1
2322425	Drill Core	3.45	1.22	<0.01	0.07	4.5	527.0	0.8	60	0.5	4.5	10.3	654	3.32	6.1	11.4	0.5	67	<0.1	<0.1	<0.1
2322426	Drill Core	3.49	0.75	<0.01	0.05	0.5	15.2	1.7	79	<0.1	10.6	19.3	977	4.34	1.1	3.2	0.6	110	<0.1	0.2	<0.1
2322427	Drill Core	4.93	0.55	<0.01	0.36	2.5	451.6	2.3	31	0.2	3.5	12.4	436	3.56	6.6	9.8	0.4	39	<0.1	0.2	0.1
2322428	Drill Core	4.86	0.56	<0.01	0.20	2.1	343.9	0.9	23	<0.1	4.1	9.8	452	3.38	5.1	9.3	0.5	43	<0.1	0.1	<0.1
2322429	Drill Core	4.56	0.65	<0.01	0.06	2.0	329.3	1.3	27	0.2	5.1	8.6	446	3.28	5.1	7.5	0.5	54	<0.1	0.3	<0.1
2322430	Drill Core	6.72	0.51	<0.01	0.06	251.1	450.1	1.1	7	0.3	0.9	0.8	144	0.42	1.8	6.5	0.6	19	0.2	0.4	<0.1
2322431	Drill Core	4.46	0.64	<0.01	0.22	2.0	364.2	1.2	29	0.2	3.6	12.8	340	2.02	5.0	6.6	0.5	37	<0.1	0.2	<0.1
2322432	Drill Core	3.50	0.78	<0.01	0.24	2.9	289.6	1.1	41	0.1	3.2	8.7	371	3.12	5.0	3.4	0.5	40	<0.1	0.2	<0.1
2322433	Drill Core	4.77	0.56	<0.01	0.18	9.8	396.3	1.0	36	0.2	3.3	13.7	359	1.85	4.0	19.1	0.5	32	<0.1	0.2	<0.1
2322434	Drill Core	5.60	0.46	<0.01	0.21	1.9	597.7	1.0	29	0.3	3.1	14.0	366	1.97	4.3	11.6	0.6	32	<0.1	0.3	<0.1
2322435	Drill Core	4.57	0.73	<0.01	0.30	6.7	717.0	1.2	38	0.3	3.0	11.7	410	2.92	4.0	8.1	0.6	42	<0.1	0.1	<0.1
2322436	Drill Core	4.12	1.00	<0.01	0.16	0.8	544.1	0.6	38	0.1	3.3	9.6	418	2.95	4.4	5.5	0.5	37	<0.1	0.1	<0.1
2322437	Drill Core	3.39	1.07	<0.01	<0.05	0.9	274.7	0.8	40	<0.1	3.2	9.6	466	3.49	6.6	1.6	0.4	51	<0.1	0.2	<0.1
2322438	Drill Core	3.65	1.01	<0.01	0.20	9.1	986.7	1.4	39	0.4	3.3	10.2	399	2.63	7.7	50.7	0.5	72	<0.1	0.6	<0.1



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Project: 204920

Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL																			
2322409	Drill Core	24	2.74	0.109	7	4	0.82	140	0.004	<20	1.20	0.087	0.18	<0.1	<0.01	2.7	<0.1	0.64	5	0.8	<0.2
2322410	Drill Core	22	2.74	0.110	9	4	0.93	422	0.003	<20	1.37	0.095	0.19	<0.1	<0.01	2.8	<0.1	0.09	5	<0.5	<0.2
2322411	Drill Core	19	2.84	0.110	9	3	0.88	111	0.002	<20	1.32	0.076	0.19	<0.1	<0.01	2.4	<0.1	0.18	5	<0.5	<0.2
2322412	Drill Core	29	2.90	0.102	5	6	0.87	25	0.002	<20	1.15	0.052	0.18	0.4	<0.01	2.7	<0.1	2.88	4	4.4	0.5
2322413	Drill Core	19	2.92	0.101	8	4	0.85	167	0.002	<20	1.22	0.062	0.17	<0.1	<0.01	2.3	<0.1	0.57	5	<0.5	<0.2
2322414	Drill Core	56	6.19	0.082	7	11	1.39	24	0.002	<20	2.02	0.039	0.26	0.3	0.01	7.6	<0.1	1.36	4	2.2	0.6
2322415	Drill Core	57	6.32	0.081	7	16	1.39	25	0.001	<20	2.03	0.038	0.25	0.5	<0.01	7.5	<0.1	1.31	4	2.1	0.5
2322416	Drill Core	3	2.13	0.059	1	5	0.08	26	<0.001	<20	0.27	0.010	0.15	0.4	0.06	0.5	<0.1	1.66	<1	2.3	1.8
2322417	Rock Pulp	53	0.65	0.048	3	30	0.74	95	0.083	<20	1.46	0.085	0.14	0.2	0.03	3.7	<0.1	0.58	5	0.7	<0.2
2322418	Drill Core	5	3.09	0.097	3	3	0.28	18	<0.001	<20	0.50	0.027	0.18	1.3	0.09	0.8	<0.1	2.25	1	4.4	1.7
2322419 Dup of 2322418	CORE DUP	5	3.06	0.098	3	3	0.28	18	<0.001	<20	0.49	0.026	0.18	1.3	0.08	0.8	<0.1	2.28	1	5.0	2.1
2322420	Drill Core	<2	1.29	0.149	2	2	0.05	75	<0.001	<20	0.41	0.011	0.29	2.7	0.02	0.4	<0.1	3.13	<1	5.7	4.6
2322421	Rock	12	0.21	0.026	13	3	0.23	72	0.059	<20	0.54	0.073	0.27	<0.1	<0.01	1.6	0.2	<0.05	4	<0.5	<0.2
2322422	Drill Core	4	1.24	0.070	1	7	0.18	15	<0.001	<20	0.33	0.022	0.09	0.5	<0.01	0.6	<0.1	0.24	<1	<0.5	0.2
2322423	Drill Core	31	3.73	0.106	7	3	1.06	33	0.002	<20	1.59	0.087	0.19	5.7	<0.01	3.9	<0.1	0.14	5	<0.5	<0.2
2322424	Drill Core	40	2.55	0.095	7	5	1.12	36	0.003	<20	1.74	0.106	0.17	4.8	<0.01	3.5	<0.1	0.13	6	<0.5	<0.2
2322425	Drill Core	65	2.86	0.110	10	7	1.46	157	0.004	<20	2.23	0.130	0.18	0.3	<0.01	5.2	<0.1	0.06	8	<0.5	<0.2
2322426	Drill Core	90	3.60	0.121	15	26	2.00	766	0.019	<20	2.59	0.082	0.13	<0.1	<0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
2322427	Drill Core	74	2.37	0.101	5	5	1.31	59	0.016	<20	1.66	0.112	0.07	<0.1	<0.01	6.3	<0.1	0.33	8	<0.5	<0.2
2322428	Drill Core	72	2.22	0.103	5	10	1.28	88	0.036	<20	1.45	0.110	0.08	<0.1	<0.01	7.0	<0.1	0.20	7	<0.5	<0.2
2322429	Drill Core	89	2.03	0.104	5	10	1.31	104	0.059	<20	1.56	0.150	0.10	0.2	<0.01	7.3	<0.1	0.06	7	<0.5	<0.2
2322430	Drill Core	10	1.27	0.113	1	5	0.21	78	0.002	<20	0.35	0.106	0.05	0.5	<0.01	1.6	<0.1	0.07	<1	<0.5	<0.2
2322431	Drill Core	62	2.20	0.109	5	5	1.61	35	0.040	<20	1.59	0.107	0.08	1.4	<0.01	6.2	<0.1	0.21	6	<0.5	<0.2
2322432	Drill Core	65	1.79	0.097	5	6	1.91	63	0.048	<20	2.19	0.131	0.13	0.4	<0.01	5.4	<0.1	0.22	8	<0.5	<0.2
2322433	Drill Core	55	2.45	0.104	4	6	1.26	37	0.015	<20	1.24	0.100	0.07	0.4	<0.01	5.7	<0.1	0.18	6	<0.5	<0.2
2322434	Drill Core	58	2.07	0.109	6	5	1.22	78	0.011	<20	1.27	0.128	0.06	0.2	<0.01	5.7	<0.1	0.22	6	<0.5	<0.2
2322435	Drill Core	63	1.99	0.106	7	5	1.41	120	0.016	<20	1.63	0.110	0.09	0.1	<0.01	5.7	<0.1	0.29	7	<0.5	<0.2
2322436	Drill Core	49	2.18	0.103	7	6	1.45	151	0.012	<20	1.84	0.094	0.13	0.1	<0.01	4.1	<0.1	0.15	7	<0.5	<0.2
2322437	Drill Core	61	2.76	0.101	6	6	1.11	153	0.013	<20	1.78	0.146	0.15	<0.1	<0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
2322438	Drill Core	49	2.84	0.109	5	6	1.00	189	0.009	<20	2.10	0.234	0.15	1.0	<0.01	4.1	<0.1	0.20	6	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000360.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322409	Drill Core	0.82	0.65	0.021
2322410	Drill Core	0.81	0.10	<0.005
2322411	Drill Core	0.89	0.19	<0.005
2322412	Drill Core	0.92	3.00	0.025
2322413	Drill Core	0.91	0.56	<0.005
2322414	Drill Core	2.05	1.39	0.010
2322415	Drill Core	2.07	1.32	0.011
2322416	Drill Core	0.68	1.65	0.023
2322417	Rock Pulp	0.09	0.62	0.552
2322418	Drill Core	0.98	2.29	0.020
2322419 Dup of 2322418	CORE DUP	0.99	2.32	0.023
2322420	Drill Core	0.31	3.14	0.013
2322421	Rock	0.02	<0.02	<0.005
2322422	Drill Core	0.37	0.25	<0.005
2322423	Drill Core	1.15	0.15	0.018
2322424	Drill Core	0.77	0.13	0.013
2322425	Drill Core	0.87	0.08	0.014
2322426	Drill Core	1.16	0.06	<0.005
2322427	Drill Core	0.77	0.35	0.014
2322428	Drill Core	0.67	0.20	0.016
2322429	Drill Core	0.56	0.07	0.011
2322430	Drill Core	0.37	0.06	0.013
2322431	Drill Core	0.65	0.22	0.010
2322432	Drill Core	0.47	0.22	0.010
2322433	Drill Core	0.76	0.18	0.008
2322434	Drill Core	0.61	0.22	0.016
2322435	Drill Core	0.63	0.33	0.028
2322436	Drill Core	0.74	0.17	0.011
2322437	Drill Core	0.90	0.05	0.010
2322438	Drill Core	0.80	0.22	0.019



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Project: 204920

Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method	Analyte	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
Unit		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
2322439	Drill Core	6.95	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.002	0.06	4.15	<0.02	0.04	<0.001	<0.01	<0.01	4.70	0.12	<0.001	1.61	8.60
2322440	Drill Core	7.92	<0.001	0.017	<0.02	<0.01	<2	<0.001	0.002	0.05	4.62	<0.02	0.04	<0.001	<0.01	<0.01	4.05	0.12	<0.001	1.31	8.65
2322441	Drill Core	6.78	<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.05	4.56	<0.02	0.02	<0.001	<0.01	<0.01	3.53	0.11	0.001	1.37	8.22
2322442 Dup of 2322441	CORE DUP		<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.05	4.59	<0.02	0.02	<0.001	<0.01	<0.01	3.48	0.11	<0.001	1.37	7.80
2322443	Drill Core	7.42	<0.001	0.034	<0.02	<0.01	<2	<0.001	0.002	0.06	4.22	<0.02	0.02	<0.001	<0.01	<0.01	3.88	0.11	<0.001	1.47	8.30
2322444	Drill Core	3.91	0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.69	<0.02	0.02	<0.001	<0.01	<0.01	3.35	0.11	<0.001	0.98	8.50
2322445	Drill Core	4.22	0.003	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.54	<0.02	0.02	<0.001	<0.01	<0.01	2.80	0.12	0.001	0.96	8.07
2322446	Drill Core	6.08	<0.001	0.127	<0.02	<0.01	<2	<0.001	0.003	0.04	3.71	<0.02	0.03	<0.001	<0.01	<0.01	3.51	0.12	<0.001	1.82	8.56
2322447	Rock Pulp	0.20	0.025	0.468	<0.02	<0.01	<2	0.004	0.001	0.08	4.85	<0.02	0.03	<0.001	<0.01	<0.01	2.59	0.06	0.005	1.33	5.99
2322448	Drill Core	7.35	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.47	<0.02	0.02	<0.001	<0.01	<0.01	3.81	0.12	<0.001	1.63	7.58
2322449	Drill Core	7.71	<0.001	0.086	<0.02	<0.01	<2	<0.001	0.002	0.05	4.32	<0.02	0.02	<0.001	<0.01	<0.01	3.44	0.11	0.001	1.14	6.21
2322450	Rock	5.04	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.51	<0.02	0.05	<0.001	<0.01	<0.01	1.41	0.03	<0.001	0.23	5.91
2322451	Drill Core	7.22	<0.001	0.127	<0.02	<0.01	<2	<0.001	0.002	0.05	5.43	<0.02	0.03	<0.001	<0.01	<0.01	3.58	0.12	<0.001	1.38	7.90
2322452	Drill Core	7.59	<0.001	0.076	<0.02	<0.01	<2	<0.001	0.002	0.04	4.27	<0.02	0.04	<0.001	<0.01	<0.01	3.13	0.11	0.001	1.48	7.42
2322453	Rock Pulp	0.17	0.029	0.249	<0.02	0.05	2	0.002	0.001	0.11	5.01	<0.02	0.02	<0.001	<0.01	<0.01	1.24	0.08	0.003	0.78	6.44
2322454	Drill Core	7.40	<0.001	0.064	<0.02	<0.01	<2	<0.001	0.002	0.05	4.69	<0.02	0.04	<0.001	<0.01	<0.01	3.31	0.12	<0.001	1.62	7.32
2322455	Rock	4.82	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.26	<0.02	0.04	<0.001	<0.01	<0.01	1.16	0.03	<0.001	0.18	5.42
2322456	Drill Core	7.40	<0.001	0.045	<0.02	<0.01	<2	<0.001	0.001	0.06	4.51	<0.02	0.04	<0.001	<0.01	<0.01	3.48	0.10	<0.001	1.87	7.41
2322457	Drill Core	6.72	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.06	4.93	<0.02	0.04	<0.001	<0.01	<0.01	3.60	0.11	<0.001	2.05	7.68
2322458 Dup of 2322457	CORE DUP		<0.001	0.010	<0.02	<0.01	<2	<0.001	0.002	0.06	5.39	<0.02	0.05	<0.001	<0.01	<0.01	3.90	0.12	<0.001	2.25	8.52
2322459	Drill Core	3.77	<0.001	0.042	<0.02	<0.01	<2	<0.001	0.002	0.06	5.68	<0.02	0.04	<0.001	<0.01	<0.01	3.97	0.12	<0.001	2.55	8.69
2322460	Drill Core	3.83	<0.001	0.047	<0.02	<0.01	<2	<0.001	0.002	0.06	5.69	<0.02	0.04	<0.001	<0.01	<0.01	4.00	0.12	<0.001	2.58	8.71
2322461	Drill Core	7.18	<0.001	0.037	<0.02	<0.01	<2	<0.001	0.002	0.07	5.79	<0.02	0.04	<0.001	<0.01	<0.01	4.10	0.12	<0.001	2.44	8.67
2322462	Drill Core	7.75	0.001	0.110	<0.02	<0.01	<2	<0.001	0.002	0.07	5.58	<0.02	0.04	<0.001	<0.01	<0.01	4.50	0.12	<0.001	2.35	8.89
2322463	Drill Core	8.99	<0.001	0.084	<0.02	<0.01	<2	<0.001	0.002	0.07	5.21	<0.02	0.03	<0.001	<0.01	<0.01	3.35	0.12	<0.001	2.78	8.79
2322464	Drill Core	6.02	<0.001	0.050	<0.02	<0.01	<2	<0.001	0.002	0.07	6.09	<0.02	0.04	<0.001	<0.01	<0.01	3.95	0.12	<0.001	2.49	8.84
2322465	Drill Core	7.93	0.002	0.093	<0.02	<0.01	<2	<0.001	0.001	0.06	5.12	<0.02	0.04	<0.001	<0.01	<0.01	2.82	0.11	<0.001	2.35	8.02
2322466	Drill Core	6.17	<0.001	0.100	<0.02	<0.01	<2	<0.001	0.001	0.07	5.34	<0.02	0.04	<0.001	<0.01	<0.01	3.09	0.11	<0.001	1.95	7.70

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CERTIFICATE OF ANALYSIS
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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322439	Drill Core	2.79	1.03	<0.01	0.23	1.3	148.2	1.0	49	<0.1	3.0	15.7	480	3.13	6.8	4.2	0.5	97	<0.1	0.2	<0.1
2322440	Drill Core	3.11	1.25	<0.01	0.54	1.7	176.8	1.0	47	<0.1	3.1	16.7	438	3.64	7.9	18.4	0.4	67	<0.1	0.1	<0.1
2322441	Drill Core	2.48	1.80	<0.01	1.89	1.6	234.1	1.7	41	0.1	2.9	21.1	441	3.53	9.4	8.6	0.6	40	<0.1	0.2	0.3
2322442 Dup of 2322441	CORE DUP	2.44	1.78	<0.01	1.94	1.5	233.1	1.7	42	0.1	3.1	21.0	436	3.53	9.0	6.6	0.6	40	<0.1	0.2	0.3
2322443	Drill Core	2.15	1.78	<0.01	0.78	1.0	340.8	1.0	44	0.1	2.6	16.6	493	3.16	8.3	10.6	0.6	50	<0.1	0.2	0.1
2322444	Drill Core	2.78	1.70	<0.01	0.68	17.5	170.7	1.1	22	0.1	2.0	8.9	324	2.04	5.3	8.2	0.6	42	<0.1	0.2	0.2
2322445	Drill Core	2.90	1.72	<0.01	0.62	29.1	173.5	0.9	22	0.1	1.9	8.5	272	1.93	5.4	6.2	0.7	40	<0.1	0.2	0.1
2322446	Drill Core	2.82	1.67	<0.01	0.91	6.6	1314.1	1.4	40	0.5	2.7	25.3	416	3.00	7.1	13.5	0.7	49	<0.1	0.6	0.1
2322447	Rock Pulp	2.25	0.86	<0.01	0.50	232.2	4614.9	3.2	45	0.7	31.2	10.4	456	3.39	5.3	453.6	0.7	33	0.2	0.6	<0.1
2322448	Drill Core	3.30	1.21	<0.01	0.14	11.5	340.8	0.8	40	0.2	2.9	9.6	411	1.86	5.3	8.3	0.6	57	<0.1	0.4	<0.1
2322449	Drill Core	2.53	1.48	<0.01	1.20	2.5	846.5	1.6	44	0.4	3.2	19.1	444	3.56	9.6	13.0	0.5	63	<0.1	0.2	0.8
2322450	Rock	2.90	2.07	<0.01	<0.05	0.6	10.1	1.9	52	<0.1	1.3	2.3	344	1.45	0.5	0.6	6.0	24	<0.1	<0.1	<0.1
2322451	Drill Core	2.41	1.39	<0.01	1.97	6.7	1235.0	1.9	40	1.5	3.3	19.9	449	4.39	7.9	17.2	0.5	77	<0.1	0.3	2.8
2322452	Drill Core	3.48	0.89	<0.01	1.26	4.8	733.7	1.3	41	0.4	3.4	20.9	366	3.67	8.5	14.3	0.5	59	<0.1	0.3	0.3
2322453	Rock Pulp	0.87	2.09	<0.01	2.05	237.3	2365.3	64.2	403	2.8	11.6	10.0	722	4.18	27.3	234.6	2.3	44	2.2	1.2	0.8
2322454	Drill Core	3.41	0.93	<0.01	0.62	2.6	622.8	0.9	53	0.2	3.6	18.4	455	3.97	7.4	7.9	0.5	66	<0.1	0.3	0.1
2322455	Rock	2.83	2.66	<0.01	<0.05	0.5	11.0	1.6	46	<0.1	1.3	1.9	287	1.25	<0.5	<0.5	6.0	23	0.1	<0.1	<0.1
2322456	Drill Core	2.97	0.78	<0.01	0.20	2.5	488.3	1.1	69	0.3	3.2	17.5	582	4.12	7.5	5.7	0.5	75	<0.1	0.3	<0.1
2322457	Drill Core	2.38	0.79	<0.01	0.12	1.0	101.7	1.2	71	<0.1	2.6	18.7	581	4.46	9.2	1.9	0.6	113	<0.1	0.5	<0.1
2322458 Dup of 2322457	CORE DUP	2.60	0.89	<0.01	0.12	1.1	102.3	1.1	70	<0.1	2.5	18.7	574	4.40	9.3	4.3	0.5	106	<0.1	0.6	<0.1
2322459	Drill Core	2.93	0.84	<0.01	0.25	7.2	406.4	1.4	87	0.2	3.3	24.1	569	4.62	7.7	8.5	0.4	79	<0.1	0.4	<0.1
2322460	Drill Core	2.87	0.84	<0.01	0.27	5.7	447.8	1.4	85	0.3	3.1	24.3	558	4.56	7.5	6.9	0.4	83	<0.1	0.5	<0.1
2322461	Drill Core	3.13	0.78	<0.01	0.31	1.6	353.6	1.1	85	0.2	3.2	21.1	627	4.53	7.9	18.6	0.5	74	<0.1	0.4	<0.1
2322462	Drill Core	3.02	0.86	<0.01	0.23	10.4	1031.6	1.2	58	0.3	3.3	17.6	550	4.17	5.9	13.0	0.4	70	<0.1	0.5	<0.1
2322463	Drill Core	3.45	0.88	<0.01	0.11	6.8	829.6	0.6	75	0.3	3.1	15.3	645	4.22	7.0	134.7	0.5	43	<0.1	0.2	<0.1
2322464	Drill Core	3.31	0.76	<0.01	0.15	5.2	493.4	1.2	56	0.1	3.3	16.4	660	4.82	5.1	15.4	0.5	62	<0.1	0.4	<0.1
2322465	Drill Core	3.34	0.81	<0.01	0.13	24.0	934.0	0.9	55	0.3	2.3	16.2	531	4.29	3.3	11.0	0.6	40	<0.1	0.3	<0.1
2322466	Drill Core	4.12	0.69	<0.01	0.19	13.1	1020.1	0.8	57	0.3	2.2	16.4	647	4.42	3.5	83.3	0.5	32	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322439	Drill Core	58	3.43	0.100	6	7	1.38	96	0.023	<20	3.06	0.327	0.17	0.1	<0.01	5.3	<0.1	0.20	8	<0.5	<0.2
2322440	Drill Core	55	2.99	0.107	6	6	1.17	99	0.006	<20	2.36	0.217	0.17	<0.1	<0.01	4.2	<0.1	0.51	7	<0.5	<0.2
2322441	Drill Core	33	3.10	0.102	7	5	1.10	63	0.005	<20	1.87	0.094	0.26	0.1	<0.01	3.0	<0.1	1.85	6	2.6	<0.2
2322442 Dup of 2322441	CORE DUP	32	3.00	0.102	7	4	1.10	64	0.005	<20	1.88	0.092	0.25	0.2	<0.01	2.9	<0.1	1.88	6	2.4	<0.2
2322443	Drill Core	34	3.43	0.101	7	4	1.18	85	0.004	<20	2.21	0.116	0.27	0.1	<0.01	3.3	<0.1	0.74	6	0.8	<0.2
2322444	Drill Core	23	2.70	0.102	4	5	0.62	44	0.002	<20	1.36	0.117	0.19	0.8	<0.01	2.0	<0.1	0.64	3	0.5	<0.2
2322445	Drill Core	23	2.30	0.101	4	4	0.62	55	0.002	<20	1.35	0.115	0.21	0.6	<0.01	2.0	<0.1	0.59	4	<0.5	<0.2
2322446	Drill Core	58	3.20	0.111	6	3	1.56	110	0.017	<20	2.17	0.106	0.27	6.6	<0.01	4.7	<0.1	0.88	7	1.3	<0.2
2322447	Rock Pulp	58	0.75	0.053	4	31	0.78	95	0.109	<20	1.64	0.099	0.14	0.2	0.04	4.7	<0.1	0.58	5	0.6	<0.2
2322448	Drill Core	59	3.58	0.119	4	3	1.35	65	0.011	<20	2.02	0.120	0.26	0.9	<0.01	5.1	0.2	0.13	6	<0.5	<0.2
2322449	Drill Core	44	3.01	0.104	6	5	1.09	274	0.003	<20	2.18	0.132	0.28	0.2	<0.01	4.1	<0.1	1.20	6	1.1	0.3
2322450	Rock	14	0.23	0.033	13	7	0.25	83	0.075	<20	0.68	0.113	0.32	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2322451	Drill Core	53	2.67	0.101	5	6	1.21	58	0.020	<20	2.53	0.243	0.26	0.7	<0.01	4.4	<0.1	1.94	8	2.2	1.5
2322452	Drill Core	61	1.98	0.101	5	7	1.40	64	0.044	<20	2.19	0.221	0.12	1.2	<0.01	5.1	<0.1	1.23	8	1.0	0.3
2322453	Rock Pulp	29	0.75	0.067	4	18	0.55	57	0.033	<20	1.57	0.049	0.28	1.5	0.04	2.1	0.2	2.04	4	3.9	0.6
2322454	Drill Core	86	2.19	0.106	4	6	1.57	68	0.051	<20	2.47	0.237	0.13	0.2	<0.01	6.8	<0.1	0.61	9	<0.5	<0.2
2322455	Rock	11	0.19	0.027	12	7	0.21	70	0.062	<20	0.56	0.092	0.30	<0.1	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
2322456	Drill Core	105	2.51	0.108	5	5	2.02	144	0.074	<20	2.63	0.208	0.11	0.2	<0.01	8.0	<0.1	0.21	9	<0.5	<0.2
2322457	Drill Core	118	2.22	0.107	4	6	2.21	61	0.148	<20	3.56	0.372	0.12	0.4	<0.01	9.4	<0.1	0.11	10	<0.5	<0.2
2322458 Dup of 2322457	CORE DUP	115	2.17	0.105	4	6	2.21	58	0.151	<20	3.47	0.370	0.12	0.4	<0.01	9.4	<0.1	0.11	10	<0.5	<0.2
2322459	Drill Core	139	2.47	0.107	4	5	2.49	47	0.112	<20	3.18	0.271	0.10	0.4	<0.01	11.2	<0.1	0.24	10	<0.5	<0.2
2322460	Drill Core	138	2.39	0.105	4	5	2.50	54	0.120	<20	3.20	0.290	0.10	0.4	<0.01	11.5	<0.1	0.25	10	<0.5	<0.2
2322461	Drill Core	129	2.79	0.103	5	5	2.31	42	0.052	<20	3.03	0.251	0.10	0.1	<0.01	9.6	<0.1	0.29	10	<0.5	<0.2
2322462	Drill Core	133	2.62	0.103	4	6	2.16	58	0.110	<20	2.89	0.266	0.10	0.4	<0.01	10.5	<0.1	0.22	9	0.5	<0.2
2322463	Drill Core	116	2.32	0.105	5	4	2.71	75	0.061	<20	2.78	0.115	0.12	0.1	<0.01	7.7	<0.1	0.11	10	<0.5	<0.2
2322464	Drill Core	133	2.40	0.103	5	5	2.35	101	0.071	<20	2.64	0.188	0.10	0.1	<0.01	10.0	<0.1	0.15	10	<0.5	<0.2
2322465	Drill Core	113	1.93	0.104	5	3	2.34	97	0.072	<20	2.34	0.106	0.11	0.2	<0.01	7.5	<0.1	0.14	10	<0.5	<0.2
2322466	Drill Core	114	2.58	0.102	6	3	1.98	37	0.037	<20	2.15	0.111	0.10	0.4	<0.01	7.6	<0.1	0.20	9	<0.5	<0.2

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Project: 204920

Report Date: November 20, 2013

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CERTIFICATE OF ANALYSIS

SMI13000360.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322439	Drill Core	0.91	0.23	0.009
2322440	Drill Core	0.88	0.56	0.013
2322441	Drill Core	1.00	1.86	0.017
2322442 Dup of 2322441	CORE DUP	0.98	1.97	0.014
2322443	Drill Core	1.12	0.80	0.029
2322444	Drill Core	0.85	0.69	0.011
2322445	Drill Core	0.68	0.61	0.010
2322446	Drill Core	0.94	0.90	0.036
2322447	Rock Pulp	0.11	0.64	0.610
2322448	Drill Core	1.09	0.13	0.013
2322449	Drill Core	0.93	1.26	0.032
2322450	Rock	0.03	<0.02	<0.005
2322451	Drill Core	0.72	1.96	0.026
2322452	Drill Core	0.50	1.28	0.019
2322453	Rock Pulp	0.19	2.18	0.354
2322454	Drill Core	0.55	0.64	0.037
2322455	Rock	0.03	<0.02	<0.005
2322456	Drill Core	0.72	0.24	0.015
2322457	Drill Core	0.43	0.13	<0.005
2322458 Dup of 2322457	CORE DUP	0.40	0.13	0.005
2322459	Drill Core	0.66	0.26	0.024
2322460	Drill Core	0.64	0.28	0.018
2322461	Drill Core	0.81	0.33	0.019
2322462	Drill Core	0.73	0.24	0.018
2322463	Drill Core	0.74	0.12	0.020
2322464	Drill Core	0.71	0.16	0.012
2322465	Drill Core	0.60	0.16	0.023
2322466	Drill Core	0.86	0.23	0.030

QUALITY CONTROL REPORT

SMI13000360.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pulp Duplicates																					
2322381	Drill Core	6.62	0.002	0.072	<0.02	<0.01	<2	<0.001	0.002	0.05	3.37	<0.02	0.03	<0.001	<0.01	<0.01	2.81	0.12	<0.001	1.30	7.56
REP 2322381	QC																				
2322382	Rock Pulp	0.21	0.016	0.181	<0.02	<0.01	<2	0.001	<0.001	0.07	4.18	<0.02	0.07	<0.001	<0.01	<0.01	2.20	0.08	0.002	0.68	6.66
REP 2322382	QC																				
2322383	Drill Core	6.74	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.66	<0.02	0.04	<0.001	<0.01	<0.01	3.05	0.11	<0.001	1.15	7.72
REP 2322383	QC																				
2322405	Drill Core	7.47	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.24	<0.02	0.04	<0.001	<0.01	<0.01	3.29	0.12	0.001	0.96	7.55
REP 2322405	QC		<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.24	<0.02	0.04	<0.001	<0.01	<0.01	3.18	0.11	<0.001	0.91	6.37
2322416	Drill Core	7.70	<0.001	0.102	<0.02	0.03	<2	<0.001	<0.001	0.03	2.77	<0.02	<0.01	<0.001	<0.01	<0.01	2.35	0.07	<0.001	0.79	5.62
REP 2322416	QC																				
2322417	Rock Pulp	0.20	0.025	0.468	<0.02	<0.01	<2	0.004	0.001	0.08	4.94	<0.02	0.03	<0.001	<0.01	<0.01	2.64	0.06	0.005	1.36	6.37
REP 2322417	QC																				
2322418	Drill Core	7.57	<0.001	0.145	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.24	<0.02	0.01	<0.001	<0.01	<0.01	3.35	0.11	<0.001	0.82	6.85
REP 2322418	QC																				
2322440	Drill Core	7.92	<0.001	0.017	<0.02	<0.01	<2	<0.001	0.002	0.05	4.62	<0.02	0.04	<0.001	<0.01	<0.01	4.05	0.12	<0.001	1.31	8.65
REP 2322440	QC		<0.001	0.017	<0.02	<0.01	<2	<0.001	0.002	0.05	4.52	<0.02	0.04	<0.001	<0.01	<0.01	3.95	0.12	<0.001	1.30	8.27
2322452	Drill Core	7.59	<0.001	0.076	<0.02	<0.01	<2	<0.001	0.002	0.04	4.27	<0.02	0.04	<0.001	<0.01	<0.01	3.13	0.11	0.001	1.48	7.42
REP 2322452	QC																				
2322453	Rock Pulp	0.17	0.029	0.249	<0.02	0.05	2	0.002	0.001	0.11	5.01	<0.02	0.02	<0.001	<0.01	<0.01	1.24	0.08	0.003	0.78	6.44
REP 2322453	QC																				
2322456	Drill Core	7.40	<0.001	0.045	<0.02	<0.01	<2	<0.001	0.001	0.06	4.51	<0.02	0.04	<0.001	<0.01	<0.01	3.48	0.10	<0.001	1.87	7.41
REP 2322456	QC																				
2322466	Drill Core	6.17	<0.001	0.100	<0.02	<0.01	<2	<0.001	0.001	0.07	5.34	<0.02	0.04	<0.001	<0.01	<0.01	3.09	0.11	<0.001	1.95	7.70
REP 2322466	QC		0.001	0.105	<0.02	<0.01	<2	<0.001	0.002	0.07	5.67	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.12	<0.001	2.07	8.43
Core Reject Duplicates																					
2322400	Drill Core	6.25	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.17	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.12	<0.001	1.16	6.86
DUP 2322400	QC		<0.001	0.038	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.13	<0.02	0.03	<0.001	<0.01	<0.01	2.49	0.12	<0.001	1.23	7.07
2322438	Drill Core	7.27	<0.001	0.101	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.53	<0.02	0.04	<0.001	<0.01	<0.01	3.87	0.12	<0.001	1.11	7.69

QUALITY CONTROL REPORT

SMI13000360.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2322381	Drill Core	3.51	1.23	<0.01	0.90	23.9	693.0	1.6	51	0.2	2.6	20.6	419	2.81	5.4	13.5	0.6	35	<0.1	0.1	0.3
REP 2322381	QC																				
2322382	Rock Pulp	2.64	2.00	<0.01	0.26	138.7	1686.8	4.5	69	0.7	14.0	7.4	562	3.33	2.5	317.6	3.6	53	0.3	0.2	0.2
REP 2322382	QC																				
2322383	Drill Core	3.55	1.04	<0.01	0.53	8.1	107.8	0.8	30	<0.1	1.9	9.7	355	2.84	5.6	5.1	0.6	58	<0.1	0.1	0.1
REP 2322383	QC					8.8	110.0	1.0	29	<0.1	1.8	10.3	361	2.88	5.6	5.7	0.6	61	<0.1	0.1	0.1
2322405	Drill Core	3.42	1.14	<0.01	0.17	0.4	68.8	1.0	29	<0.1	1.6	4.2	404	2.70	3.7	1.4	0.6	52	<0.1	0.1	<0.1
REP 2322405	QC	3.39	1.10	<0.01	0.16																
2322416	Drill Core	0.24	1.77	<0.01	1.69	5.2	982.4	2.0	220	0.5	1.3	5.4	284	1.92	1.4	21.0	0.4	22	2.4	<0.1	3.7
REP 2322416	QC																				
2322417	Rock Pulp	2.26	0.87	<0.01	0.57	208.4	4414.5	3.6	43	0.7	30.4	10.5	426	3.25	4.9	536.3	0.9	27	0.2	0.5	0.1
REP 2322417	QC																				
2322418	Drill Core	1.48	2.12	<0.01	2.31	7.2	1381.0	2.4	31	1.0	1.9	5.7	432	2.43	1.9	17.8	0.6	29	0.1	0.1	2.7
REP 2322418	QC					7.0	1430.3	2.5	30	1.0	1.8	5.5	422	2.43	1.6	20.0	0.6	30	0.2	0.1	3.0
2322440	Drill Core	3.11	1.25	<0.01	0.54	1.7	176.8	1.0	47	<0.1	3.1	16.7	438	3.64	7.9	18.4	0.4	67	<0.1	0.1	<0.1
REP 2322440	QC	3.07	1.23	<0.01	0.54																
2322452	Drill Core	3.48	0.89	<0.01	1.26	4.8	733.7	1.3	41	0.4	3.4	20.9	366	3.67	8.5	14.3	0.5	59	<0.1	0.3	0.3
REP 2322452	QC																				
2322453	Rock Pulp	0.87	2.09	<0.01	2.05	237.3	2365.3	64.2	403	2.8	11.6	10.0	722	4.18	27.3	234.6	2.3	44	2.2	1.2	0.8
REP 2322453	QC					244.4	2388.7	63.0	422	2.9	12.1	10.2	729	4.20	26.6	332.1	2.5	44	2.3	1.2	0.9
2322456	Drill Core	2.97	0.78	<0.01	0.20	2.5	488.3	1.1	69	0.3	3.2	17.5	582	4.12	7.5	5.7	0.5	75	<0.1	0.3	<0.1
REP 2322456	QC																				
2322466	Drill Core	4.12	0.69	<0.01	0.19	13.1	1020.1	0.8	57	0.3	2.2	16.4	647	4.42	3.5	83.3	0.5	32	<0.1	0.2	<0.1
REP 2322466	QC	4.39	0.73	<0.01	0.21																
Core Reject Duplicates																					
2322400	Drill Core	3.80	1.09	<0.01	1.95	9.0	382.8	2.0	25	0.4	1.5	13.0	292	2.68	12.5	17.7	0.8	44	<0.1	<0.1	0.5
DUP 2322400	QC	3.90	1.13	<0.01	1.96	8.6	368.7	2.0	24	0.4	1.7	12.0	290	2.61	11.4	16.6	0.8	43	<0.1	0.1	0.5
2322438	Drill Core	3.65	1.01	<0.01	0.20	9.1	986.7	1.4	39	0.4	3.3	10.2	399	2.63	7.7	50.7	0.5	72	<0.1	0.6	<0.1

QUALITY CONTROL REPORT

SMI13000360.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
Pulp Duplicates																					
2322381	Drill Core	35	2.28	0.103	6	4	1.11	76	0.004	<20	1.42	0.067	0.14	0.2	<0.01	3.3	<0.1	0.82	6	<0.5	<0.2
REP 2322381	QC																				
2322382	Rock Pulp	51	1.05	0.066	11	20	0.61	177	0.070	<20	0.96	0.062	0.41	0.1	0.03	3.3	0.1	0.24	5	0.8	<0.2
REP 2322382	QC																				
2322383	Drill Core	31	2.28	0.095	6	5	0.99	151	0.006	<20	1.29	0.085	0.13	<0.1	<0.01	2.7	<0.1	0.48	6	<0.5	<0.2
REP 2322383	QC	30	2.32	0.098	6	4	1.00	149	0.007	<20	1.29	0.085	0.13	<0.1	<0.01	2.7	<0.1	0.48	6	<0.5	<0.2
2322405	Drill Core	21	2.54	0.114	7	4	0.89	140	0.006	<20	1.35	0.085	0.13	<0.1	<0.01	2.8	<0.1	0.16	5	<0.5	<0.2
REP 2322405	QC																				
2322416	Drill Core	3	2.13	0.059	1	5	0.08	26	<0.001	<20	0.27	0.010	0.15	0.4	0.06	0.5	<0.1	1.66	<1	2.3	1.8
REP 2322416	QC																				
2322417	Rock Pulp	53	0.65	0.048	3	30	0.74	95	0.083	<20	1.46	0.085	0.14	0.2	0.03	3.7	<0.1	0.58	5	0.7	<0.2
REP 2322417	QC																				
2322418	Drill Core	5	3.09	0.097	3	3	0.28	18	<0.001	<20	0.50	0.027	0.18	1.3	0.09	0.8	<0.1	2.25	1	4.4	1.7
REP 2322418	QC	5	3.08	0.098	3	3	0.28	18	<0.001	<20	0.59	0.027	0.19	1.3	0.08	0.8	<0.1	2.24	1	4.5	1.7
2322440	Drill Core	55	2.99	0.107	6	6	1.17	99	0.006	<20	2.36	0.217	0.17	<0.1	<0.01	4.2	<0.1	0.51	7	<0.5	<0.2
REP 2322440	QC																				
2322452	Drill Core	61	1.98	0.101	5	7	1.40	64	0.044	<20	2.19	0.221	0.12	1.2	<0.01	5.1	<0.1	1.23	8	1.0	0.3
REP 2322452	QC																				
2322453	Rock Pulp	29	0.75	0.067	4	18	0.55	57	0.033	<20	1.57	0.049	0.28	1.5	0.04	2.1	0.2	2.04	4	3.9	0.6
REP 2322453	QC	30	0.76	0.068	4	18	0.56	60	0.032	<20	1.59	0.050	0.28	1.0	0.05	2.2	0.2	2.04	4	3.9	0.8
2322456	Drill Core	105	2.51	0.108	5	5	2.02	144	0.074	<20	2.63	0.208	0.11	0.2	<0.01	8.0	<0.1	0.21	9	<0.5	<0.2
REP 2322456	QC																				
2322466	Drill Core	114	2.58	0.102	6	3	1.98	37	0.037	<20	2.15	0.111	0.10	0.4	<0.01	7.6	<0.1	0.20	9	<0.5	<0.2
REP 2322466	QC																				
Core Reject Duplicates																					
2322400	Drill Core	24	2.14	0.114	7	4	1.04	69	0.001	<20	1.27	0.067	0.13	0.2	<0.01	2.7	<0.1	1.80	6	1.4	0.5
DUP 2322400	QC	24	2.13	0.110	7	3	1.03	71	0.001	<20	1.25	0.067	0.13	0.2	<0.01	2.5	<0.1	1.74	5	1.2	0.5
2322438	Drill Core	49	2.84	0.109	5	6	1.00	189	0.009	<20	2.10	0.234	0.15	1.0	<0.01	4.1	<0.1	0.20	6	<0.5	<0.2

QUALITY CONTROL REPORT

SMI13000360.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
2322381	Drill Core	0.67	0.98 0.024
REP 2322381	QC		0.023
2322382	Rock Pulp	0.28	0.27 0.408
REP 2322382	QC	0.27	0.27
2322383	Drill Core	0.63	0.57 0.009
REP 2322383	QC		
2322405	Drill Core	0.73	0.17 <0.005
REP 2322405	QC		
2322416	Drill Core	0.68	1.65 0.023
REP 2322416	QC		0.020
2322417	Rock Pulp	0.09	0.62 0.552
REP 2322417	QC	0.09	0.62
2322418	Drill Core	0.98	2.29 0.020
REP 2322418	QC		
2322440	Drill Core	0.88	0.56 0.013
REP 2322440	QC		
2322452	Drill Core	0.50	1.28 0.019
REP 2322452	QC	0.51	1.27
2322453	Rock Pulp	0.19	2.18 0.354
REP 2322453	QC		
2322456	Drill Core	0.72	0.24 0.015
REP 2322456	QC		0.014
2322466	Drill Core	0.86	0.23 0.030
REP 2322466	QC		
Core Reject Duplicates			
2322400	Drill Core	0.64	1.86 0.019
DUP 2322400	QC	0.63	1.85 0.015
2322438	Drill Core	0.80	0.22 0.019



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Project: 204920
 Report Date: November 20, 2013

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QUALITY CONTROL REPORT

SMI13000360.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
DUP 2322438	QC	<0.001	0.096	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.39	<0.02	0.04	<0.001	<0.01	<0.01	3.77	0.12	<0.001	1.08	7.45	
Reference Materials																					
STD CDN-ME-14	Standard	0.001	1.171	0.49	3.01	41	0.002	0.016	0.08	16.88	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.01	<0.001	1.25	4.23	
STD CDN-ME-9	Standard	<0.001	0.636	<0.02	0.01	4	0.907	0.016	0.12	13.35	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.06	0.028	3.84	6.30	
STD CDN-ME-14	Standard	0.001	1.253	0.52	3.21	45	0.002	0.019	0.09	17.95	<0.02	<0.01	0.008	<0.01	<0.01	0.76	0.02	0.002	1.27	4.50	
STD CDN-ME-9	Standard	<0.001	0.688	<0.02	0.01	3	0.964	0.019	0.13	14.33	<0.02	0.03	<0.001	<0.01	<0.01	4.39	0.07	0.030	4.14	7.04	
STD CDN-ME-14	Standard	0.001	1.209	0.48	3.04	41	0.002	0.017	0.09	16.99	<0.02	<0.01	0.007	<0.01	<0.01	0.72	0.02	0.002	1.22	4.30	
STD CDN-ME-9	Standard	<0.001	0.666	<0.02	0.01	2	0.942	0.018	0.13	13.91	<0.02	0.03	<0.001	<0.01	<0.01	4.22	0.06	0.029	4.01	6.76	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GBM309-15	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					
STD OREAS45EA Expected																					

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 PHONE (604) 253-3158

Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 20, 2013

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QUALITY CONTROL REPORT

SMI13000360.1

		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm
DUP 2322438	QC	3.60	0.99	<0.01	0.19	8.4	941.0	1.4	38	0.4	3.0	9.6	388	2.55	7.4	28.1	0.5	71	<0.1	0.5	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.51	1.60	<0.01	15.59																
STD CDN-ME-9	Standard	1.73	0.60	<0.01	2.46																
STD CDN-ME-14	Standard	0.52	1.68	<0.01	15.80																
STD CDN-ME-9	Standard	1.90	0.72	<0.01	2.60																
STD CDN-ME-14	Standard	0.52	1.48	<0.01	15.31																
STD CDN-ME-9	Standard	1.87	0.63	<0.01	2.58																
STD DS10	Standard					13.2	143.9	158.8	331	2.0	71.7	12.3	811	2.54	42.3	153.3	6.5	54	2.3	6.4	10.2
STD DS10	Standard					13.8	159.5	145.9	341	2.2	75.1	12.9	840	2.54	42.9	58.6	6.7	52	2.6	7.0	10.5
STD DS10	Standard					13.6	156.5	128.8	355	2.1	72.6	12.9	889	2.73	46.7	95.9	6.2	59	2.6	7.3	10.1
STD GBM309-15	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.3	589.7	11.9	24	0.2	319.7	46.7	365	21.59	7.8	50.2	8.3	3	<0.1	0.2	0.2
STD OREAS45EA	Standard					1.6	596.5	13.1	26	0.2	334.0	50.5	360	21.14	7.6	49.7	9.3	3	<0.1	0.2	0.2
STD OREAS45EA	Standard					1.3	653.4	12.0	28	0.3	366.8	50.7	380	23.55	9.0	50.1	8.3	3	<0.1	0.2	0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26

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Project: 204920
 Report Date: November 20, 2013

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QUALITY CONTROL REPORT

SMI13000360.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
DUP 2322438	QC	48	2.82	0.104	5	6	0.98	186	0.008	<20	2.08	0.234	0.16	0.6	<0.01	4.1	<0.1	0.18	6	0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	40	0.97	0.068	15	51	0.72	411	0.057	<20	0.94	0.059	0.31	2.9	0.27	2.4	5.1	0.26	4	2.0	4.9
STD DS10	Standard	40	0.99	0.067	15	54	0.72	393	0.058	<20	0.90	0.058	0.31	3.3	0.31	2.4	5.2	0.27	4	2.3	5.1
STD DS10	Standard	42	1.05	0.074	16	55	0.77	414	0.072	<20	1.02	0.066	0.34	3.3	0.30	2.6	5.2	0.28	4	2.2	5.3
STD GBM309-15	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	285	0.04	0.023	6	893	0.07	130	0.069	<20	2.72	0.013	0.04	<0.1	<0.01	66.5	<0.1	<0.05	11	<0.5	<0.2
STD OREAS45EA	Standard	287	0.04	0.023	6	940	0.07	134	0.070	<20	2.69	0.017	0.05	<0.1	0.01	63.8	<0.1	<0.05	11	<0.5	<0.2
STD OREAS45EA	Standard	306	0.03	0.028	6	909	0.09	141	0.087	<20	3.15	0.016	0.05	<0.1	<0.01	72.9	<0.1	<0.05	12	0.7	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07

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Project: 204920
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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
DUP 2322438	QC	0.77	0.21	0.017
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GBM309-15	Standard	0.24	28.84	
STD GS311-1	Standard	0.98	2.38	
STD GS311-1	Standard	1.00	2.29	
STD GS311-1	Standard	1.07	2.37	
STD GS910-4	Standard	2.69	8.23	
STD GS910-4	Standard	2.61	7.95	
STD GS910-4	Standard	2.81	8.19	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.198
STD OXC109	Standard			0.206
STD OXI96	Standard			1.818
STD OXI96	Standard			1.781
STD OXL93	Standard			5.652
STD OXL93	Standard			6.033
STD DS10 Expected				
STD OREAS45EA Expected				

QUALITY CONTROL REPORT

SMI13000360.1

	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.0015	0.01	0.01
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66
STD OXC109 Expected																				
STD OXI96 Expected																				
STD OXL93 Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD GBM309-15 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.53	<0.02	0.07	<0.001	<0.01	<0.01	2.24	0.08	<0.001	0.67	6.90
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.44	<0.02	0.07	<0.001	<0.01	<0.01	2.16	0.08	0.001	0.61	6.95



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 20, 2013

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QUALITY CONTROL REPORT

SMI13000360.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD GBM309-15 Expected																						
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.4	0.2	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.41	1.61	<0.01	<0.05	0.2	3.5	2.6	44	<0.1	4.3	4.4	560	2.06	<0.5	1.2	3.9	57	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.44	1.79	<0.01	<0.05	0.2	2.4	2.6	42	<0.1	4.0	4.1	544	2.01	<0.5	0.8	4.1	54	<0.1	<0.1	<0.1	

QUALITY CONTROL REPORT

SMI13000360.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD GBM309-15 Expected																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	37	0.53	0.067	9	10	0.59	235	0.104	<20	1.09	0.123	0.52	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	34	0.45	0.069	9	9	0.53	226	0.106	<20	1.07	0.132	0.52	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2

QUALITY CONTROL REPORT

SMI13000360.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD OXC109	Expected			0.201
STD OXI96	Expected			1.802
STD OXL93	Expected			5.841
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
STD GBM309-15	Expected		28.84	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.04	<0.02	<0.005
G1-SMI	Prep Blank	0.02	<0.02	<0.005



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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 22, 2014
Report Date: February 18, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI13000360R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_011
P.O. Number
Number of Samples: 13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	13	lead collection fire-assay fusion -AAS finish	30	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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:



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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: February 18, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000360R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
2322379	Drill Core	0.013
2322380	Drill Core	<0.005
2322381	Drill Core	0.026
2322382	Rock Pulp	0.317
2322383	Drill Core	0.008
2322384 Dup of 2322383	CORE DUP	0.008
2322385	Drill Core	<0.005
2322386	Drill Core	<0.005
2322387	Drill Core	<0.005
2322388	Drill Core	0.007
2322389	Rock	<0.005
2322390	Drill Core	0.009
2322391	Drill Core	<0.005



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Acme Analytical Laboratories (Vancouver) Ltd.
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 Vancouver BC V6C 0B3 CANADA

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Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000360R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
Pulp Duplicates	
2322382 Rock Pulp	0.317
REP 2322382 QC	0.354
2322391 Drill Core	<0.005
REP 2322391 QC	0.007
Reference Materials	
STD OXC109 Standard	0.207
STD OXI96 Standard	1.796
STD OXL93 Standard	5.667
STD OXC109 Expected	0.201
STD OXI96 Expected	1.802
STD OXL93 Expected	5.841
BLK Blank	<0.005
BLK Blank	<0.005



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Client: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: October 07, 2013
Report Date: November 19, 2013
Page: 1 of 7

CERTIFICATE OF ANALYSIS

SMI13000361.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_012
P.O. Number
Number of Samples: 156

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-1000, RIFL2, P200, 7TD2, 1DX, 2A Leco, and G6.

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144177 Dup of 1144178	CORE DUP		0.011	0.399	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.64	<0.02	0.11	<0.001	<0.01	<0.01	8.71	0.06	<0.001	1.77	6.13
1144178	Drill Core	9.28	0.011	0.383	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.81	<0.02	0.09	<0.001	<0.01	<0.01	7.76	0.07	<0.001	1.83	6.31
1144179	Drill Core	4.88	0.031	0.392	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.04	<0.02	0.02	<0.001	<0.01	<0.01	2.02	0.10	0.001	1.50	8.12
1144180	Drill Core	7.07	0.086	1.130	<0.02	<0.01	2	0.002	<0.001	0.03	2.83	<0.02	0.02	<0.001	<0.01	<0.01	3.23	0.10	0.002	1.88	7.44
1144181	Drill Core	7.48	0.057	1.070	<0.02	<0.01	<2	0.001	0.001	0.03	2.65	<0.02	0.02	<0.001	<0.01	<0.01	2.61	0.08	0.002	1.40	6.88
1144182	Rock Pulp	0.13	0.061	0.722	<0.02	<0.01	2	0.002	0.002	0.06	7.73	<0.02	0.06	<0.001	<0.01	<0.01	3.16	0.11	0.005	2.17	7.23
1144183	Drill Core	7.50	0.102	0.670	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.02	<0.02	0.02	<0.001	<0.01	<0.01	3.12	0.08	0.001	1.38	6.78
1144184	Drill Core	7.06	0.058	0.743	<0.02	<0.01	<2	0.001	<0.001	0.03	2.54	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.10	0.002	1.68	7.08
1144185	Drill Core	8.11	0.060	0.612	<0.02	<0.01	<2	0.001	<0.001	0.02	2.21	<0.02	0.02	<0.001	<0.01	<0.01	2.16	0.11	0.002	1.67	7.34
1144186	Drill Core	8.20	0.032	0.661	<0.02	<0.01	<2	0.001	<0.001	0.02	2.35	<0.02	0.02	<0.001	<0.01	<0.01	2.16	0.09	0.001	1.53	6.49
1144187	Drill Core	7.62	0.026	0.439	<0.02	<0.01	<2	0.001	0.001	0.02	2.59	<0.02	0.02	<0.001	<0.01	<0.01	2.96	0.11	0.002	1.52	6.89
1144188	Rock	3.44	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.06	<0.001	<0.01	<0.01	1.48	0.03	<0.001	0.23	6.38
1144189	Drill Core	8.13	0.026	0.376	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.13	<0.02	0.04	<0.001	<0.01	<0.01	2.89	0.08	0.002	1.70	6.48
1144190	Drill Core	8.79	0.040	0.368	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.19	<0.02	0.04	<0.001	<0.01	<0.01	1.80	0.09	0.002	1.49	6.49
1144191	Drill Core	7.79	0.035	0.775	<0.02	<0.01	<2	0.001	0.001	0.02	2.94	<0.02	0.04	<0.001	<0.01	<0.01	2.53	0.09	0.002	1.55	6.72
1144192	Drill Core	8.34	0.033	0.716	<0.02	<0.01	3	0.002	0.001	0.02	2.66	<0.02	0.03	<0.001	<0.01	<0.01	2.51	0.09	0.002	1.80	6.92
1144193	Drill Core	3.68	0.038	0.858	<0.02	<0.01	3	0.001	0.002	0.02	2.83	<0.02	0.03	<0.001	<0.01	<0.01	1.70	0.09	0.002	1.74	6.48
1144194	Drill Core	3.59	0.043	0.660	<0.02	<0.01	<2	0.001	0.001	0.02	2.58	<0.02	0.03	<0.001	<0.01	<0.01	1.78	0.10	0.002	1.85	6.52
1144195	Drill Core	8.75	0.070	1.462	<0.02	<0.01	4	0.002	0.002	0.01	3.13	<0.02	0.03	<0.001	<0.01	<0.01	1.94	0.11	0.002	1.64	6.96
1144196	Drill Core	8.56	0.091	1.564	<0.02	<0.01	4	0.003	0.001	0.02	2.76	<0.02	0.03	<0.001	<0.01	<0.01	1.58	0.09	0.002	1.85	7.05
1144197	Drill Core	8.77	0.062	0.377	<0.02	<0.01	<2	0.001	<0.001	0.02	2.25	<0.02	0.03	<0.001	<0.01	<0.01	1.83	0.10	0.003	2.11	7.09
1144198 Dup of 1144197	CORE DUP		0.056	0.348	<0.02	<0.01	<2	0.001	<0.001	0.02	2.07	<0.02	0.03	<0.001	<0.01	<0.01	1.76	0.10	0.002	2.05	7.66
1144199	Drill Core	5.67	0.016	0.084	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.03	<0.02	0.02	<0.001	<0.01	<0.01	1.51	0.10	0.002	1.60	7.40
1144200	Drill Core	4.03	0.045	0.102	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.20	<0.02	0.03	<0.001	<0.01	<0.01	1.34	0.11	0.002	1.44	8.86
1144201	Drill Core	5.44	0.022	0.679	<0.02	<0.01	<2	<0.001	0.001	0.04	4.19	<0.02	0.02	<0.001	<0.01	<0.01	3.09	0.12	<0.001	2.33	8.62
1144202	Drill Core	7.65	0.023	0.611	<0.02	<0.01	<2	<0.001	0.002	0.04	4.35	<0.02	0.02	<0.001	<0.01	<0.01	3.82	0.11	<0.001	2.29	8.30
1144203	Rock Pulp	0.13	0.007	0.382	<0.02	<0.01	<2	0.001	<0.001	0.03	3.63	<0.02	0.01	<0.001	<0.01	<0.01	1.44	0.06	0.002	2.11	7.71
1144204	Drill Core	8.02	0.009	0.345	<0.02	<0.01	<2	<0.001	0.001	0.05	4.14	<0.02	0.05	<0.001	<0.01	<0.01	5.17	0.12	0.001	2.15	8.84
1144205	Drill Core	7.55	0.010	0.243	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.09	<0.02	0.05	<0.001	<0.01	<0.01	4.31	0.11	<0.001	2.01	8.27
1144206	Drill Core	6.73	0.019	0.504	<0.02	<0.01	<2	<0.001	0.001	0.07	5.12	<0.02	0.05	<0.001	<0.01	<0.01	4.29	0.12	<0.001	2.41	8.86

Acme Analytical Laboratories (Vancouver) Ltd.

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Project: 204920

Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144177 Dup of 1144178	CORE DUP	1.25	1.47	<0.01	4.57	94.9	3874.9	1.5	20	0.5	3.5	9.3	395	2.27	1.2	138.5	0.8	919	0.1	0.1	1.3
1144178	Drill Core	1.36	1.46	<0.01	3.69	106.6	3612.1	1.4	26	0.5	3.6	10.0	462	2.63	1.4	149.3	0.9	790	<0.1	0.1	0.8
1144179	Drill Core	2.34	1.43	<0.01	0.82	263.7	3846.3	1.1	12	0.8	6.0	5.0	195	1.34	1.7	268.3	1.6	61	0.3	0.1	0.3
1144180	Drill Core	2.04	1.32	<0.01	1.62	829.2	>10000	3.0	21	2.2	11.7	9.9	277	2.24	2.3	375.0	2.2	128	0.2	0.4	0.7
1144181	Drill Core	2.25	1.10	<0.01	1.67	547.2	>10000	1.9	15	1.5	9.4	12.2	261	2.15	4.6	331.5	3.0	79	0.2	0.2	0.8
1144182	Rock Pulp	2.44	1.79	<0.01	0.89	591.3	7133.1	12.8	77	2.0	16.2	19.5	425	6.02	2.0	845.3	1.3	104	0.7	0.4	2.5
1144183	Drill Core	2.42	1.09	<0.01	1.11	981.7	6925.1	3.9	19	1.1	5.9	5.2	269	1.60	<0.5	211.0	2.7	118	0.4	0.2	1.0
1144184	Drill Core	2.63	0.99	<0.01	1.35	575.0	7481.3	3.1	23	1.3	8.5	9.7	294	2.15	4.6	113.6	2.1	190	0.4	0.2	0.5
1144185	Drill Core	2.63	1.15	<0.01	1.15	558.1	6228.7	2.4	21	1.2	9.3	9.1	179	1.85	10.3	171.0	1.8	52	0.4	0.3	0.2
1144186	Drill Core	2.96	1.00	<0.01	1.23	265.8	6642.8	3.2	25	2.2	8.3	9.5	188	2.08	10.5	209.2	1.9	63	0.3	0.7	1.4
1144187	Drill Core	2.91	1.22	<0.01	1.62	236.1	4376.9	1.7	22	0.8	8.1	12.7	233	2.22	8.5	263.7	1.2	76	0.3	0.2	0.3
1144188	Rock	2.77	1.79	<0.01	<0.05	1.0	16.0	1.7	48	<0.1	1.5	2.2	308	1.38	<0.5	6.6	6.3	23	<0.1	<0.1	<0.1
1144189	Drill Core	3.33	0.92	<0.01	1.61	242.8	3666.1	0.9	20	0.7	5.9	7.5	179	1.76	1.5	90.9	2.3	223	0.3	0.2	0.1
1144190	Drill Core	3.51	0.98	<0.01	1.33	399.2	3653.7	1.2	22	0.5	7.0	10.8	151	1.99	3.1	92.9	2.4	154	0.2	0.2	<0.1
1144191	Drill Core	3.41	0.92	<0.01	1.95	335.7	7783.3	1.2	27	1.0	11.4	16.9	201	2.66	2.5	161.7	2.4	191	0.6	0.2	0.2
1144192	Drill Core	3.71	0.91	<0.01	1.31	311.5	7143.8	1.2	29	1.9	14.1	16.1	203	2.46	2.9	159.6	3.4	40	0.2	0.3	0.1
1144193	Drill Core	4.05	0.77	<0.01	1.49	365.9	8638.7	1.0	29	2.9	12.6	19.0	159	2.62	3.3	242.0	2.6	48	<0.1	0.6	0.1
1144194	Drill Core	4.01	0.71	<0.01	1.11	321.5	6791.3	1.0	31	1.9	11.1	14.7	170	2.25	2.4	217.9	2.2	58	<0.1	0.6	<0.1
1144195	Drill Core	3.52	0.92	<0.01	1.95	717.4	>10000	1.5	30	4.2	17.4	21.1	144	2.98	3.0	286.1	3.3	29	<0.1	0.7	0.2
1144196	Drill Core	3.77	0.88	<0.01	1.42	749.6	>10000	1.7	37	4.2	28.1	13.2	176	2.53	1.5	644.3	3.1	34	0.9	1.1	0.2
1144197	Drill Core	3.70	0.94	<0.01	0.91	583.3	3545.1	1.1	26	0.8	13.2	9.2	219	2.05	5.2	104.3	2.0	32	0.8	0.3	0.3
1144198 Dup of 1144197	CORE DUP	3.82	0.96	<0.01	0.81	527.6	3308.6	1.0	27	0.9	12.4	8.1	197	1.83	4.3	146.1	1.7	27	0.7	0.3	0.2
1144199	Drill Core	4.23	0.92	<0.01	0.52	149.9	889.6	0.8	22	0.2	6.4	6.8	236	1.81	2.4	17.6	1.9	27	<0.1	0.2	0.2
1144200	Drill Core	4.25	1.21	<0.01	0.44	441.3	1026.2	0.6	20	0.2	4.7	7.1	234	1.78	2.1	14.0	1.5	35	0.5	0.1	0.2
1144201	Drill Core	2.48	1.20	<0.01	1.17	202.8	6797.4	1.3	52	1.8	6.4	19.2	408	3.67	2.2	407.8	0.6	56	0.3	0.2	0.3
1144202	Drill Core	2.25	1.15	<0.01	1.54	196.2	6048.6	1.3	40	1.2	5.9	20.8	373	3.83	3.3	157.2	0.6	109	0.2	0.2	0.5
1144203	Rock Pulp	2.24	1.06	<0.01	0.88	74.8	3709.8	5.2	76	0.6	11.4	10.6	255	3.29	29.7	120.0	0.2	23	0.3	0.6	0.2
1144204	Drill Core	2.71	0.87	<0.01	2.33	86.2	3357.4	1.5	44	1.4	5.6	19.7	375	3.65	1.8	64.8	0.6	177	0.1	0.4	0.1
1144205	Drill Core	3.03	0.85	<0.01	1.27	93.1	2328.8	1.2	45	0.8	4.9	13.8	426	4.45	2.5	64.3	0.7	109	0.2	0.4	0.1
1144206	Drill Core	2.88	0.93	<0.01	1.43	167.0	4944.9	1.1	51	1.8	5.9	16.5	528	4.36	2.6	44.1	0.7	105	0.3	0.3	0.2

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Project: 204920

Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.5	0.2	
1144177 Dup of 1144178	CORE DUP	21	8.01	0.065	2	2	1.53	69	<0.001	<20	0.61	0.029	0.23	<0.1	<0.01	3.7	<0.1	4.21	2	2.8	0.3
1144178	Drill Core	24	7.86	0.067	2	2	1.54	79	<0.001	<20	0.70	0.036	0.27	0.2	0.01	4.3	<0.1	3.79	2	1.3	<0.2
1144179	Drill Core	12	1.91	0.089	10	3	0.86	58	<0.001	<20	0.66	0.041	0.22	0.2	0.02	2.7	<0.1	0.83	2	3.8	<0.2
1144180	Drill Core	23	3.04	0.095	18	4	1.43	85	<0.001	<20	0.95	0.040	0.20	0.5	0.03	4.0	<0.1	1.63	3	6.9	0.2
1144181	Drill Core	16	2.48	0.078	16	4	1.09	30	<0.001	<20	0.63	0.046	0.20	0.1	0.02	2.6	<0.1	1.70	2	6.1	<0.2
1144182	Rock Pulp	143	1.89	0.107	8	35	1.50	39	0.122	<20	1.65	0.118	0.18	0.6	0.07	7.8	<0.1	0.87	8	6.3	0.3
1144183	Drill Core	15	3.01	0.070	5	2	1.05	28	<0.001	<20	0.64	0.039	0.17	0.1	0.06	2.7	<0.1	1.10	2	8.2	<0.2
1144184	Drill Core	35	3.14	0.093	4	6	1.39	77	0.003	<20	0.95	0.050	0.19	0.2	0.03	4.5	<0.1	1.37	4	5.2	<0.2
1144185	Drill Core	47	2.15	0.108	7	7	1.34	36	0.005	<20	1.02	0.057	0.21	0.1	0.03	4.9	<0.1	1.19	4	2.5	<0.2
1144186	Drill Core	40	2.20	0.086	6	7	1.30	60	0.006	<20	0.92	0.053	0.17	0.2	0.01	5.2	<0.1	1.26	3	6.8	<0.2
1144187	Drill Core	35	2.85	0.108	6	7	1.26	48	0.002	<20	0.71	0.051	0.19	0.1	0.02	5.9	<0.1	1.65	3	3.1	<0.2
1144188	Rock	13	0.21	0.032	13	8	0.25	79	0.067	<20	0.55	0.071	0.29	<0.1	0.02	1.8	0.2	<0.05	3	<0.5	<0.2
1144189	Drill Core	52	2.65	0.077	5	13	1.43	102	0.018	<20	0.83	0.055	0.12	<0.1	0.02	5.4	<0.1	1.58	5	2.4	<0.2
1144190	Drill Core	54	1.80	0.086	5	10	1.26	140	0.012	<20	0.90	0.061	0.12	<0.1	0.02	6.1	<0.1	1.35	4	3.3	<0.2
1144191	Drill Core	51	2.49	0.088	6	9	1.32	49	0.008	<20	0.95	0.060	0.14	0.1	0.01	5.5	<0.1	1.99	4	4.6	0.2
1144192	Drill Core	75	2.26	0.088	10	13	1.63	53	0.031	<20	1.14	0.067	0.12	0.3	0.03	6.7	<0.1	1.30	6	3.6	<0.2
1144193	Drill Core	81	1.62	0.093	10	13	1.58	121	0.040	<20	1.22	0.066	0.10	0.3	0.03	6.8	<0.1	1.52	7	3.4	0.3
1144194	Drill Core	88	1.68	0.096	10	12	1.70	165	0.048	<20	1.29	0.070	0.09	0.1	0.01	6.9	<0.1	1.13	8	3.9	<0.2
1144195	Drill Core	82	1.70	0.106	13	14	1.46	49	0.024	<20	1.23	0.069	0.14	0.3	0.01	6.9	<0.1	2.14	6	6.4	0.3
1144196	Drill Core	86	1.36	0.089	10	16	1.67	80	0.031	<20	1.25	0.067	0.12	0.2	0.01	7.6	<0.1	1.45	7	7.8	<0.2
1144197	Drill Core	98	1.65	0.095	7	22	1.91	29	0.039	<20	1.32	0.071	0.15	<0.1	0.01	9.1	<0.1	0.91	8	1.6	0.2
1144198 Dup of 1144197	CORE DUP	91	1.43	0.093	7	19	1.78	26	0.032	<20	1.30	0.070	0.15	<0.1	<0.01	8.9	<0.1	0.80	7	0.9	<0.2
1144199	Drill Core	64	1.50	0.092	8	14	1.37	42	0.015	<20	1.23	0.073	0.16	<0.1	<0.01	7.7	<0.1	0.50	6	1.1	<0.2
1144200	Drill Core	42	1.26	0.100	6	6	1.05	94	0.010	<20	1.10	0.066	0.20	<0.1	<0.01	4.4	<0.1	0.42	4	1.3	<0.2
1144201	Drill Core	106	2.48	0.118	8	5	2.04	35	0.028	<20	2.08	0.095	0.22	0.1	0.03	8.8	<0.1	1.14	8	4.5	0.3
1144202	Drill Core	87	3.41	0.111	7	4	2.06	96	0.024	<20	1.88	0.072	0.25	<0.1	0.01	8.8	<0.1	1.51	7	2.3	<0.2
1144203	Rock Pulp	202	1.11	0.053	3	17	1.87	23	0.048	<20	2.59	0.123	0.60	0.7	0.03	13.5	<0.1	0.86	8	6.5	<0.2
1144204	Drill Core	126	3.60	0.108	6	5	1.90	95	0.085	<20	2.27	0.158	0.24	0.2	0.01	10.1	<0.1	2.26	8	1.8	<0.2
1144205	Drill Core	145	2.73	0.113	5	6	1.79	120	0.154	<20	1.90	0.127	0.14	0.5	0.02	9.8	<0.1	1.26	8	0.9	<0.2
1144206	Drill Core	151	2.25	0.116	4	6	2.06	62	0.164	<20	2.42	0.192	0.13	0.5	0.01	10.4	<0.1	1.40	9	2.2	0.2

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Project: 204920

Report Date: November 19, 2013

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Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144177 Dup of 1144178	CORE DUP	2.16	4.62	0.136
1144178	Drill Core	2.22	3.74	0.126
1144179	Drill Core	0.73	0.94	0.108
1144180	Drill Core	1.30	1.80	0.567
1144181	Drill Core	1.17	1.98	0.361
1144182	Rock Pulp	0.42	0.98	0.852
1144183	Drill Core	1.28	1.25	0.217
1144184	Drill Core	1.33	1.54	0.174
1144185	Drill Core	0.85	1.32	0.196
1144186	Drill Core	0.97	1.47	0.449
1144187	Drill Core	1.35	1.84	0.139
1144188	Rock	<0.02	<0.02	<0.005
1144189	Drill Core	0.73	1.74	0.150
1144190	Drill Core	0.64	1.48	0.138
1144191	Drill Core	0.89	2.33	0.257
1144192	Drill Core	0.79	1.48	0.219
1144193	Drill Core	0.42	1.77	0.323
1144194	Drill Core	0.43	1.28	0.278
1144195	Drill Core	0.41	2.40	0.554
1144196	Drill Core	0.42	1.88	0.785
1144197	Drill Core	0.56	0.98	0.123
1144198 Dup of 1144197	CORE DUP	0.50	0.93	0.108
1144199	Drill Core	0.48	0.54	0.021
1144200	Drill Core	0.46	0.45	0.013
1144201	Drill Core	0.73	1.29	0.174
1144202	Drill Core	1.30	1.69	0.201
1144203	Rock Pulp	0.19	0.95	0.117
1144204	Drill Core	0.40	2.51	0.081
1144205	Drill Core	0.32	1.28	0.058
1144206	Drill Core	0.19	1.53	0.114

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	WGHT Wgt kg	7TD Mo %	7TD Cu %	7TD Pb %	7TD Zn %	7TD Ag gm/t	7TD Ni %	7TD Co %	7TD Mn %	7TD Fe %	7TD As %	7TD Sr %	7TD Cd %	7TD Sb %	7TD Bi %	7TD Ca %	7TD P %	7TD Cr %	7TD Mg %	7TD Al %	
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144207	Rock	3.77	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.50	<0.02	0.05	<0.001	<0.01	<0.01	1.51	0.03	<0.001	0.25	6.77
1144208	Drill Core	8.26	0.009	0.285	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.56	<0.02	0.03	<0.001	<0.01	<0.01	3.32	0.12	<0.001	2.22	8.70
1144209	Drill Core	8.12	0.009	0.282	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.89	<0.02	0.04	<0.001	<0.01	<0.01	4.02	0.11	<0.001	2.29	8.70
1144210	Drill Core	7.91	0.005	0.225	<0.02	<0.01	<2	<0.001	<0.001	0.06	5.26	<0.02	0.05	<0.001	<0.01	<0.01	4.36	0.11	<0.001	2.23	8.37
1144211	Drill Core	8.73	0.014	0.316	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.65	<0.02	0.04	<0.001	<0.01	<0.01	3.38	0.11	<0.001	2.17	8.35
1144212	Drill Core	7.54	0.005	0.348	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.32	<0.02	0.04	<0.001	<0.01	<0.01	3.21	0.13	<0.001	1.99	8.20
1144213	Drill Core	8.76	0.008	0.245	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.40	<0.02	0.04	<0.001	<0.01	<0.01	3.37	0.13	<0.001	2.05	8.19
1144214	Drill Core	2.70	0.004	0.205	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.81	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.12	<0.001	2.07	8.50
1144215	Drill Core	2.98	0.005	0.273	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.75	<0.02	0.04	<0.001	<0.01	<0.01	3.45	0.11	<0.001	2.06	8.68
1144216	Drill Core	8.27	0.006	0.291	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.19	<0.02	0.03	<0.001	<0.01	<0.01	2.58	0.11	<0.001	2.09	8.16
1144217	Drill Core	7.18	0.003	0.268	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.07	<0.02	0.04	<0.001	<0.01	<0.01	3.18	0.12	<0.001	2.60	8.76
1144218	Drill Core	8.65	0.001	0.190	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.14	<0.02	0.04	<0.001	<0.01	<0.01	3.03	0.12	<0.001	2.23	8.23
1144219 Dup of 1144218	CORE DUP		<0.001	0.184	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.14	<0.02	0.04	<0.001	<0.01	<0.01	3.05	0.12	<0.001	2.21	8.33
1144220	Drill Core	5.22	0.004	0.308	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.09	<0.02	0.03	<0.001	<0.01	<0.01	2.93	0.12	<0.001	2.26	8.32
1144221	Drill Core	6.87	0.002	0.358	<0.02	<0.01	5	<0.001	<0.001	0.05	3.92	<0.02	0.03	<0.001	<0.01	<0.01	2.66	0.11	0.001	2.59	8.12
1144222	Drill Core	8.29	0.003	0.357	<0.02	<0.01	3	<0.001	<0.001	0.05	4.45	<0.02	0.04	<0.001	<0.01	<0.01	2.71	0.12	<0.001	2.32	8.33
1144223	Drill Core	6.09	0.003	0.415	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.73	<0.02	0.04	<0.001	<0.01	<0.01	3.49	0.11	0.002	2.50	8.38
1144224	Drill Core	6.55	0.002	0.173	<0.02	<0.01	<2	0.001	<0.001	0.04	3.88	<0.02	0.05	<0.001	<0.01	<0.01	2.73	0.09	0.003	1.94	7.37
1144225	Rock Pulp	0.18	0.024	0.473	<0.02	<0.01	<2	0.004	<0.001	0.08	4.68	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.06	0.005	1.37	5.98
1144226	Drill Core	7.69	<0.001	0.205	<0.02	<0.01	<2	0.004	0.001	0.10	6.77	<0.02	0.05	<0.001	<0.01	<0.01	5.28	0.13	0.007	4.17	9.02
1144227	Drill Core	4.41	0.002	0.103	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.49	<0.02	0.03	<0.001	<0.01	<0.01	1.80	0.08	0.001	1.49	6.93
1144228	Drill Core	5.05	0.009	0.185	<0.02	<0.01	2	<0.001	<0.001	0.03	2.67	<0.02	0.03	<0.001	<0.01	<0.01	2.28	0.09	0.001	1.49	7.21
1144229	Drill Core	8.34	<0.001	0.012	<0.02	<0.01	<2	0.005	0.003	0.13	6.67	<0.02	0.04	<0.001	<0.01	<0.01	6.27	0.06	0.013	4.33	8.60
1144230	Drill Core	7.62	<0.001	0.006	<0.02	<0.01	<2	0.005	0.003	0.13	6.59	<0.02	0.03	<0.001	<0.01	<0.01	7.68	0.06	0.013	4.15	8.75
1144231	Rock	4.62	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.45	<0.02	0.06	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.24	6.76
1144232	Drill Core	7.71	<0.001	0.007	<0.02	<0.01	<2	0.006	0.003	0.11	6.48	<0.02	0.03	<0.001	<0.01	<0.01	7.01	0.05	0.014	4.67	8.55
1144233	Drill Core	3.63	<0.001	0.006	<0.02	<0.01	<2	0.005	0.003	0.12	6.05	<0.02	0.04	<0.001	<0.01	<0.01	8.06	0.05	0.013	4.01	8.91
1144234	Drill Core	3.63	<0.001	0.006	<0.02	<0.01	<2	0.005	0.002	0.11	5.90	<0.02	0.04	<0.001	<0.01	<0.01	7.69	0.05	0.013	4.03	8.79
1144235	Drill Core	8.34	<0.001	0.007	<0.02	<0.01	<2	0.005	0.002	0.11	6.11	<0.02	0.03	<0.001	<0.01	<0.01	6.97	0.05	0.013	3.91	8.18
1144236	Drill Core	8.36	0.012	0.259	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.35	<0.02	0.03	<0.001	<0.01	<0.01	2.81	0.06	0.001	1.55	6.76



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CERTIFICATE OF ANALYSIS

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Table with columns: Method, Analyte, Unit, MDL, and 20 elements (7TD Na, 7TD K, 7TD W, 7TD S, 1DX Mo, 1DX Cu, 1DX Pb, 1DX Zn, 1DX Ag, 1DX Ni, 1DX Co, 1DX Mn, 1DX Fe, 1DX As, 1DX Au, 1DX Th, 1DX Sr, 1DX Cd, 1DX Sb, 1DX Bi). Rows include sample IDs (1144207-1144236) and sample types (Rock, Drill Core, Rock Pulp).

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.

CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144207	Rock	14	0.22	0.033	12	6	0.26	76	0.067	<20	0.58	0.076	0.29	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1144208	Drill Core	128	2.30	0.113	6	6	1.98	114	0.074	<20	2.02	0.115	0.19	<0.1	0.02	11.0	<0.1	0.96	9	2.0	<0.2
1144209	Drill Core	142	2.81	0.115	6	5	2.06	112	0.117	<20	1.80	0.076	0.21	0.1	<0.01	11.4	<0.1	1.37	9	2.0	<0.2
1144210	Drill Core	135	2.80	0.104	5	6	1.83	137	0.132	<20	1.65	0.086	0.13	0.2	<0.01	9.3	<0.1	1.54	8	1.1	<0.2
1144211	Drill Core	129	2.26	0.105	5	6	1.89	94	0.115	<20	1.79	0.084	0.15	0.2	<0.01	9.5	<0.1	1.16	9	0.8	<0.2
1144212	Drill Core	155	2.36	0.134	6	8	2.02	48	0.187	<20	1.91	0.101	0.14	0.4	0.01	11.5	<0.1	0.85	10	1.0	<0.2
1144213	Drill Core	164	2.13	0.127	7	7	2.02	88	0.171	<20	2.08	0.139	0.33	0.3	<0.01	12.3	<0.1	0.59	9	1.0	<0.2
1144214	Drill Core	172	2.11	0.117	6	6	2.07	68	0.197	<20	2.06	0.124	0.31	0.4	<0.01	14.2	<0.1	0.47	9	0.9	<0.2
1144215	Drill Core	165	2.01	0.112	6	6	2.04	80	0.204	<20	2.02	0.113	0.29	0.4	<0.01	13.5	<0.1	0.47	9	1.6	<0.2
1144216	Drill Core	132	1.69	0.098	5	5	1.87	43	0.105	<20	1.64	0.087	0.20	0.2	<0.01	10.8	<0.1	0.49	8	0.7	<0.2
1144217	Drill Core	171	1.56	0.107	5	5	2.15	51	0.208	<20	1.85	0.111	0.19	0.5	<0.01	11.2	<0.1	0.56	9	1.1	<0.2
1144218	Drill Core	145	1.98	0.103	5	5	1.97	65	0.118	<20	1.80	0.090	0.11	0.2	<0.01	10.6	<0.1	0.32	9	<0.5	<0.2
1144219 Dup of 1144218	CORE DUP	147	1.99	0.112	5	7	1.99	62	0.123	<20	1.82	0.093	0.12	0.3	<0.01	10.6	<0.1	0.32	9	<0.5	<0.2
1144220	Drill Core	124	2.32	0.110	6	6	2.01	254	0.052	<20	1.98	0.069	0.18	0.2	<0.01	9.1	<0.1	0.36	9	<0.5	<0.2
1144221	Drill Core	132	2.09	0.111	6	8	2.39	115	0.077	<20	2.24	0.077	0.17	0.2	0.01	9.6	<0.1	0.31	11	1.5	0.3
1144222	Drill Core	136	1.52	0.108	5	7	2.11	53	0.177	<20	1.83	0.106	0.13	0.2	<0.01	10.8	<0.1	0.41	9	0.8	<0.2
1144223	Drill Core	140	2.44	0.105	5	18	2.24	59	0.148	<20	2.07	0.087	0.14	0.4	<0.01	11.7	<0.1	1.04	10	1.6	<0.2
1144224	Drill Core	104	1.82	0.083	6	36	1.75	96	0.152	<20	1.51	0.071	0.13	0.2	<0.01	9.1	<0.1	1.06	8	<0.5	<0.2
1144225	Rock Pulp	52	0.65	0.057	3	28	0.74	92	0.090	<20	1.45	0.082	0.13	0.3	0.03	4.4	<0.1	0.58	5	0.9	<0.2
1144226	Drill Core	202	2.16	0.125	3	63	2.26	79	0.223	<20	2.68	0.224	0.19	0.4	<0.01	9.8	<0.1	0.41	10	0.6	0.2
1144227	Drill Core	62	1.55	0.075	6	16	1.36	104	0.036	<20	1.21	0.071	0.11	0.1	<0.01	5.2	<0.1	0.39	7	<0.5	<0.2
1144228	Drill Core	64	2.06	0.085	6	12	1.28	176	0.027	<20	1.38	0.069	0.18	0.5	0.03	5.0	<0.1	0.51	7	1.3	<0.2
1144229	Drill Core	152	3.68	0.052	4	88	3.15	27	0.254	<20	3.58	0.232	0.08	0.3	0.02	16.9	<0.1	0.10	9	<0.5	<0.2
1144230	Drill Core	130	3.65	0.054	4	37	2.43	40	0.222	<20	4.20	0.415	0.09	<0.1	<0.01	9.5	<0.1	0.13	8	<0.5	<0.2
1144231	Rock	12	0.19	0.027	12	7	0.24	68	0.065	<20	0.54	0.071	0.29	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1144232	Drill Core	158	5.11	0.049	4	131	3.89	35	0.126	<20	4.70	0.264	0.08	0.1	<0.01	21.7	<0.1	0.12	10	<0.5	<0.2
1144233	Drill Core	138	4.86	0.050	4	93	2.86	44	0.153	<20	4.68	0.408	0.09	<0.1	<0.01	16.6	<0.1	0.08	9	<0.5	<0.2
1144234	Drill Core	132	4.68	0.047	4	91	2.91	45	0.154	<20	4.54	0.372	0.08	<0.1	<0.01	16.6	<0.1	0.07	8	<0.5	<0.2
1144235	Drill Core	143	5.62	0.051	5	124	3.36	39	0.071	<20	3.93	0.198	0.12	<0.1	<0.01	21.2	<0.1	0.14	9	0.6	<0.2
1144236	Drill Core	42	2.73	0.063	7	16	1.38	46	0.002	<20	1.48	0.059	0.16	0.2	<0.01	3.5	<0.1	0.72	6	1.8	0.2

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	Analyte	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Unit		%	%	ppm
MDL		0.02	0.02	0.005
1144207	Rock	<0.02	<0.02	<0.005
1144208	Drill Core	0.46	1.06	0.092
1144209	Drill Core	0.43	1.50	0.108
1144210	Drill Core	0.35	1.78	0.081
1144211	Drill Core	0.38	1.38	0.084
1144212	Drill Core	0.43	0.92	0.129
1144213	Drill Core	0.41	0.62	0.098
1144214	Drill Core	0.45	0.52	0.069
1144215	Drill Core	0.41	0.53	0.090
1144216	Drill Core	0.38	0.61	0.261
1144217	Drill Core	0.22	0.64	0.161
1144218	Drill Core	0.43	0.38	0.088
1144219 Dup of 1144218	CORE DUP	0.45	0.36	0.098
1144220	Drill Core	0.58	0.43	0.125
1144221	Drill Core	0.53	0.36	0.396
1144222	Drill Core	0.27	0.53	0.472
1144223	Drill Core	0.44	1.23	0.193
1144224	Drill Core	0.32	1.19	0.079
1144225	Rock Pulp	0.08	0.70	0.564
1144226	Drill Core	0.26	0.49	0.135
1144227	Drill Core	0.29	0.47	0.083
1144228	Drill Core	0.40	0.61	0.163
1144229	Drill Core	0.89	0.13	0.005
1144230	Drill Core	0.57	0.16	<0.005
1144231	Rock	<0.02	<0.02	<0.005
1144232	Drill Core	1.30	0.15	0.021
1144233	Drill Core	0.94	0.09	<0.005
1144234	Drill Core	0.87	0.11	<0.005
1144235	Drill Core	1.57	0.18	<0.005
1144236	Drill Core	0.65	0.83	0.040



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Project: 204920
 Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144237 Dup of 1144236	CORE DUP		0.011	0.254	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.31	<0.02	0.03	<0.001	<0.01	<0.01	2.74	0.06	0.002	1.53	6.92
1144238	Drill Core	7.18	0.019	0.362	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.52	<0.02	0.02	<0.001	<0.01	<0.01	2.77	0.09	0.002	1.70	7.63
1144239	Drill Core	8.23	0.017	0.397	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.46	<0.02	0.02	<0.001	<0.01	<0.01	2.20	0.07	0.003	1.54	7.12
1144240	Drill Core	7.83	0.027	0.343	<0.02	<0.01	<2	0.001	<0.001	0.04	2.82	<0.02	0.03	<0.001	<0.01	<0.01	3.43	0.08	0.002	1.58	6.90
1144241	Drill Core	5.85	0.031	0.587	<0.02	<0.01	6	0.001	<0.001	0.03	2.45	<0.02	0.03	<0.001	<0.01	<0.01	2.17	0.06	0.003	1.55	7.14
1144242	Rock Pulp	0.13	0.058	0.703	<0.02	<0.01	2	0.002	0.001	0.06	7.47	<0.02	0.06	<0.001	<0.01	<0.01	3.07	0.11	0.004	2.12	7.03
1144243	Drill Core	5.57	<0.001	0.019	<0.02	<0.01	<2	0.005	0.003	0.10	6.50	<0.02	0.03	<0.001	<0.01	<0.01	8.03	0.06	0.012	4.02	7.96
1144244	Drill Core	8.53	<0.001	0.006	<0.02	<0.01	<2	0.005	0.002	0.11	6.41	<0.02	0.03	<0.001	<0.01	<0.01	7.78	0.05	0.013	4.05	8.28
1144245	Drill Core	5.14	0.001	0.018	<0.02	<0.01	<2	0.006	0.003	0.12	7.07	<0.02	0.03	<0.001	<0.01	<0.01	8.03	0.06	0.015	4.36	8.10
1144246	Drill Core	7.87	0.016	0.229	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.65	<0.02	0.03	<0.001	<0.01	<0.01	2.09	0.12	<0.001	2.13	8.20
1144247	Rock	4.53	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.48	<0.02	0.05	<0.001	<0.01	<0.01	1.56	0.03	<0.001	0.24	7.28
1144248	Drill Core	8.15	0.022	0.257	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.72	<0.02	0.03	<0.001	<0.01	<0.01	2.03	0.09	0.002	1.84	7.22
1144249	Drill Core	5.68	0.037	0.311	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.08	<0.02	0.03	<0.001	<0.01	<0.01	2.18	0.08	0.002	1.94	7.48
1144250	Drill Core	7.16	0.011	0.408	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.00	<0.02	0.03	<0.001	<0.01	<0.01	1.65	0.06	0.001	1.23	7.25
1144251	Drill Core	8.43	0.016	0.420	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.28	<0.02	0.04	<0.001	<0.01	<0.01	2.55	0.07	0.003	1.53	7.29
1144252	Drill Core	6.35	0.018	0.489	<0.02	<0.01	3	0.001	<0.001	0.02	2.20	<0.02	0.04	<0.001	<0.01	<0.01	3.78	0.07	0.002	1.63	7.15
1144253	Drill Core	3.35	0.028	0.503	<0.02	<0.01	<2	0.001	<0.001	0.03	2.19	<0.02	0.03	<0.001	<0.01	<0.01	3.20	0.07	0.002	1.70	7.35
1144254	Drill Core	4.12	0.028	0.417	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.99	<0.02	0.04	<0.001	<0.01	<0.01	4.66	0.06	0.002	1.47	7.15
1144255	Drill Core	8.17	0.017	0.421	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.25	<0.02	0.04	<0.001	<0.01	<0.01	3.39	0.07	0.002	1.67	7.29
1144256	Drill Core	7.30	0.023	0.354	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.67	<0.02	0.03	<0.001	<0.01	<0.01	2.83	0.08	0.002	1.54	7.24
1144257 Dup of 1144256	CORE DUP		0.021	0.320	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.62	<0.02	0.03	<0.001	<0.01	<0.01	2.50	0.07	0.002	1.51	7.04
1144258	Drill Core	7.25	0.020	0.211	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.89	<0.02	0.02	<0.001	<0.01	<0.01	2.97	0.06	0.002	1.11	6.68
1144259	Drill Core	8.28	0.046	0.334	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.15	<0.02	0.04	<0.001	<0.01	<0.01	2.63	0.07	0.002	1.48	7.18
1144260	Drill Core	7.98	0.052	0.359	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.03	<0.001	<0.01	<0.01	3.71	0.10	0.002	1.90	7.83
1144261	Drill Core	7.50	0.037	0.384	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.22	<0.02	0.03	<0.001	<0.01	<0.01	1.98	0.09	0.001	1.64	7.43
1144262	Drill Core	8.08	0.035	0.583	<0.02	<0.01	3	0.001	<0.001	0.04	3.50	<0.02	0.02	<0.001	<0.01	<0.01	2.20	0.09	0.002	2.20	7.65
1144263	Drill Core	7.38	0.036	0.405	<0.02	<0.01	2	<0.001	<0.001	0.04	2.36	<0.02	0.02	<0.001	<0.01	<0.01	2.15	0.08	0.002	1.51	7.27
1144264	Drill Core	7.31	0.024	0.431	<0.02	<0.01	<2	0.001	<0.001	0.04	3.48	<0.02	0.03	<0.001	<0.01	<0.01	2.41	0.08	0.003	2.02	7.55
1144265	Rock Pulp	0.15	0.069	0.710	0.27	0.07	16	0.003	0.001	0.12	5.47	<0.02	0.02	<0.001	<0.01	<0.01	2.10	0.07	0.004	1.10	6.69
1144266	Drill Core	7.43	0.076	0.390	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.30	<0.02	0.04	<0.001	<0.01	<0.01	5.73	0.07	0.001	1.39	6.86

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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Project: 204920

Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1
1144237 Dup of 1144236	CORE DUP	3.19	1.20	<0.01	0.70	107.6	2497.8	0.8	30	0.3	8.8	8.7	385	2.07	2.6	30.3	1.4	109	0.3	0.1	<0.1
1144238	Drill Core	3.35	1.21	<0.01	0.66	141.0	3529.8	1.0	33	0.3	8.9	8.3	435	2.27	1.2	12.4	1.5	93	<0.1	0.1	0.1
1144239	Drill Core	3.33	1.30	<0.01	0.62	136.3	3730.7	0.9	30	0.3	8.1	6.2	389	2.09	<0.5	12.3	1.9	61	0.1	0.2	0.3
1144240	Drill Core	2.58	1.27	<0.01	1.34	216.0	3344.2	1.3	26	0.9	9.2	7.5	379	2.47	1.4	28.7	1.4	126	0.3	0.2	0.3
1144241	Drill Core	3.71	0.97	<0.01	0.88	268.8	5924.2	1.6	30	4.5	10.6	8.1	272	2.27	0.9	57.1	1.8	74	<0.1	0.2	0.6
1144242	Rock Pulp	2.37	1.45	<0.01	0.87	589.9	7208.8	12.8	79	2.1	15.6	19.2	436	6.19	2.5	690.4	1.2	108	0.7	0.4	2.4
1144243	Drill Core	1.82	0.52	<0.01	0.23	2.7	166.5	3.9	50	0.1	45.7	32.1	972	5.69	<0.5	<0.5	0.2	129	0.1	0.3	<0.1
1144244	Drill Core	1.65	0.51	<0.01	0.09	0.6	62.4	3.5	51	<0.1	45.0	32.0	968	5.55	0.9	<0.5	0.2	133	0.2	0.2	<0.1
1144245	Drill Core	1.79	0.48	<0.01	0.11	13.1	164.8	3.3	55	<0.1	53.4	34.3	920	5.73	1.4	4.2	0.1	108	0.2	0.3	<0.1
1144246	Drill Core	4.64	0.66	<0.01	0.60	127.4	2139.7	1.8	34	0.9	7.9	8.8	365	2.32	2.8	38.0	1.3	64	0.2	0.6	0.7
1144247	Rock	2.87	1.83	<0.01	<0.05	0.6	10.5	1.7	45	<0.1	1.4	2.2	297	1.32	<0.5	4.0	5.8	21	<0.1	<0.1	<0.1
1144248	Drill Core	4.95	0.51	<0.01	0.78	213.1	2400.6	1.0	27	0.9	10.1	9.2	278	2.38	1.1	25.5	1.3	59	0.1	<0.1	<0.1
1144249	Drill Core	4.09	0.91	<0.01	0.57	341.3	2886.5	1.4	25	1.5	9.1	8.9	299	2.69	1.1	44.1	1.6	78	0.4	<0.1	0.2
1144250	Drill Core	4.14	0.97	<0.01	0.66	89.8	3863.5	1.2	17	1.9	8.6	5.7	194	1.78	0.9	58.4	2.2	49	<0.1	0.2	0.5
1144251	Drill Core	3.75	1.00	<0.01	1.08	135.9	3978.4	1.2	23	1.4	9.8	6.3	250	1.96	2.0	60.0	1.8	98	0.2	0.1	0.6
1144252	Drill Core	3.35	0.96	<0.01	2.12	108.0	4832.9	1.4	19	2.8	9.3	6.1	217	1.87	<0.5	72.6	1.7	232	<0.1	0.2	1.0
1144253	Drill Core	3.38	1.14	<0.01	1.31	183.7	4880.9	1.2	31	2.3	8.2	7.0	302	1.85	2.6	164.8	1.5	116	0.3	0.2	0.6
1144254	Drill Core	3.20	1.02	<0.01	2.04	221.2	3925.8	1.1	24	1.7	8.9	6.5	325	1.74	4.0	85.9	1.6	230	0.5	0.1	0.5
1144255	Drill Core	3.40	0.95	<0.01	1.36	155.6	4064.7	1.3	24	1.5	9.2	8.1	271	2.84	0.6	110.5	1.6	129	0.6	0.1	0.5
1144256	Drill Core	2.46	1.51	<0.01	0.68	187.7	3516.2	1.8	31	1.0	6.9	9.0	456	2.33	11.3	64.2	1.8	82	0.1	0.2	0.6
1144257 Dup of 1144256	CORE DUP	2.63	1.55	<0.01	0.57	179.4	3118.1	1.5	31	0.9	7.4	8.9	424	2.23	8.4	67.3	1.7	66	<0.1	0.1	0.4
1144258	Drill Core	2.79	1.61	<0.01	0.85	174.5	2024.9	1.0	39	0.7	8.2	5.3	427	1.54	0.8	83.8	2.1	94	0.2	0.3	0.6
1144259	Drill Core	3.54	1.17	<0.01	0.97	418.0	3258.2	1.6	35	2.0	9.2	8.0	346	1.92	2.0	80.3	2.0	112	0.2	0.4	0.7
1144260	Drill Core	2.72	1.61	<0.01	1.31	489.2	3485.6	2.3	43	1.2	8.1	9.4	418	2.67	1.9	78.2	1.4	110	0.5	0.1	0.4
1144261	Drill Core	3.45	1.33	<0.01	0.50	352.4	3652.2	0.7	33	2.4	8.8	8.4	317	2.76	2.7	149.9	1.4	53	0.3	<0.1	0.7
1144262	Drill Core	2.99	1.39	<0.01	0.44	342.3	5843.3	0.8	47	2.4	12.3	13.9	445	3.12	2.0	160.9	1.4	31	0.4	0.1	0.6
1144263	Drill Core	3.27	1.41	<0.01	0.32	310.1	4044.8	1.0	33	2.2	10.5	7.7	358	2.08	1.6	133.4	2.3	38	0.6	0.1	1.0
1144264	Drill Core	3.30	1.19	<0.01	0.51	194.0	4129.1	0.9	34	2.0	11.7	10.9	367	3.02	2.0	74.8	1.5	57	0.3	0.1	1.0
1144265	Rock Pulp	1.50	1.55	<0.01	2.34	641.7	7313.5	2856.3	744	16.4	25.0	14.8	905	4.50	23.4	716.8	1.7	52	7.1	8.7	0.7
1144266	Drill Core	2.80	1.25	<0.01	2.20	734.8	3716.8	1.7	33	1.8	6.9	6.6	447	1.92	1.3	121.8	1.5	218	0.6	<0.1	0.9

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144237 Dup of 1144236	CORE DUP	42	2.67	0.062	7	15	1.42	45	0.002	<20	1.49	0.060	0.17	0.2	<0.01	3.4	<0.1	0.69	6	1.3	<0.2
1144238	Drill Core	54	2.69	0.091	6	14	1.52	22	0.001	<20	1.62	0.057	0.17	0.3	<0.01	4.8	<0.1	0.63	6	1.4	0.2
1144239	Drill Core	41	2.11	0.061	4	15	1.35	24	0.002	<20	1.49	0.060	0.17	0.2	<0.01	3.7	<0.1	0.57	5	1.3	0.2
1144240	Drill Core	47	3.19	0.070	5	13	1.42	37	0.010	<20	1.54	0.048	0.15	0.3	<0.01	3.9	<0.1	1.31	6	0.9	<0.2
1144241	Drill Core	57	2.11	0.062	7	26	1.47	25	0.010	<20	1.46	0.072	0.13	0.4	<0.01	5.0	<0.1	0.91	7	4.3	0.4
1144242	Rock Pulp	144	1.92	0.108	8	35	1.52	39	0.122	<20	1.64	0.116	0.17	0.7	0.05	7.5	<0.1	0.87	8	6.5	0.4
1144243	Drill Core	167	6.92	0.056	5	160	3.61	25	0.029	<20	4.03	0.126	0.08	<0.1	<0.01	28.1	<0.1	0.21	10	<0.5	<0.2
1144244	Drill Core	152	5.83	0.051	4	131	3.39	30	0.105	<20	4.43	0.304	0.08	<0.1	<0.01	24.7	<0.1	0.08	9	<0.5	<0.2
1144245	Drill Core	178	5.23	0.055	4	126	3.37	32	0.167	<20	4.02	0.293	0.08	0.1	0.02	22.9	<0.1	0.10	9	1.5	<0.2
1144246	Drill Core	74	1.89	0.120	7	10	1.93	27	0.005	<20	1.83	0.068	0.08	0.4	<0.01	4.8	<0.1	0.53	10	1.1	<0.2
1144247	Rock	12	0.19	0.027	10	5	0.23	68	0.063	<20	0.52	0.071	0.28	<0.1	<0.01	1.5	0.1	<0.05	3	0.6	<0.2
1144248	Drill Core	71	1.81	0.090	8	18	1.74	17	0.008	<20	1.52	0.077	0.06	0.4	<0.01	5.8	<0.1	0.72	9	2.7	<0.2
1144249	Drill Core	69	2.01	0.080	8	24	1.80	41	0.017	<20	1.76	0.074	0.09	0.2	<0.01	5.5	<0.1	0.53	9	1.2	<0.2
1144250	Drill Core	32	1.51	0.057	5	19	1.07	32	0.010	<20	1.09	0.061	0.12	0.3	<0.01	2.6	<0.1	0.63	5	2.1	0.6
1144251	Drill Core	53	2.16	0.061	7	28	1.35	83	0.017	<20	1.27	0.066	0.13	0.2	0.01	4.2	<0.1	1.04	6	0.9	<0.2
1144252	Drill Core	57	3.38	0.064	6	22	1.46	47	0.017	<20	1.38	0.049	0.11	0.9	0.02	4.1	<0.1	2.00	7	2.7	0.3
1144253	Drill Core	57	2.98	0.065	6	23	1.43	57	0.006	<20	1.47	0.055	0.13	0.4	0.02	3.8	<0.1	1.26	7	3.7	<0.2
1144254	Drill Core	47	4.31	0.063	7	19	1.28	95	0.006	<20	1.36	0.048	0.11	0.4	0.01	3.1	<0.1	1.96	6	2.7	<0.2
1144255	Drill Core	83	2.95	0.068	6	18	1.54	54	0.017	<20	1.50	0.067	0.12	0.2	<0.01	7.2	<0.1	1.32	7	2.5	0.3
1144256	Drill Core	57	2.67	0.076	6	16	1.37	97	0.004	<20	1.60	0.055	0.19	0.3	0.02	5.2	<0.1	0.68	6	1.7	0.3
1144257 Dup of 1144256	CORE DUP	56	2.36	0.070	6	16	1.32	75	0.003	<20	1.53	0.053	0.18	0.3	0.05	4.7	<0.1	0.55	6	2.2	0.5
1144258	Drill Core	32	2.91	0.062	6	22	0.92	51	<0.001	<20	1.08	0.046	0.16	0.3	<0.01	2.7	<0.1	0.83	4	1.6	0.4
1144259	Drill Core	53	2.48	0.070	6	21	1.33	57	0.003	<20	1.33	0.055	0.12	0.2	0.03	3.5	<0.1	0.94	6	2.8	0.3
1144260	Drill Core	71	3.31	0.097	7	17	1.70	65	0.010	<20	1.82	0.060	0.18	1.1	0.02	6.6	<0.1	1.26	7	1.3	0.6
1144261	Drill Core	60	1.94	0.086	7	16	1.51	61	0.011	<20	1.61	0.061	0.16	0.3	0.03	5.0	<0.1	0.48	7	4.0	0.2
1144262	Drill Core	85	2.11	0.080	7	23	2.02	72	0.013	<20	2.10	0.064	0.19	0.3	<0.01	6.3	<0.1	0.44	9	1.8	0.5
1144263	Drill Core	46	2.12	0.076	7	20	1.33	97	0.004	<20	1.44	0.056	0.16	0.4	0.01	3.4	<0.1	0.33	6	3.3	0.5
1144264	Drill Core	79	2.24	0.078	6	31	1.84	60	0.017	<20	1.80	0.058	0.15	0.4	0.02	6.4	<0.1	0.48	8	3.9	0.3
1144265	Rock Pulp	47	0.92	0.067	4	29	0.69	79	0.065	<20	1.69	0.088	0.24	1.4	0.08	3.7	0.2	2.38	5	3.6	0.5
1144266	Drill Core	39	5.22	0.063	7	16	1.18	78	0.006	<20	1.34	0.039	0.13	0.6	0.04	2.6	<0.1	2.06	5	3.2	0.4

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Project: 204920

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144237 Dup of 1144236	CORE DUP	0.67	0.80	0.039
1144238	Drill Core	0.78	0.80	0.026
1144239	Drill Core	0.71	0.72	0.007
1144240	Drill Core	0.63	1.43	0.029
1144241	Drill Core	0.41	0.99	0.065
1144242	Rock Pulp	0.41	0.97	0.851
1144243	Drill Core	2.18	0.27	<0.005
1144244	Drill Core	1.54	0.10	0.008
1144245	Drill Core	1.29	0.12	<0.005
1144246	Drill Core	0.35	0.65	0.076
1144247	Rock	<0.02	<0.02	<0.005
1144248	Drill Core	0.30	0.83	0.054
1144249	Drill Core	0.43	0.63	0.056
1144250	Drill Core	0.28	0.74	0.090
1144251	Drill Core	0.32	1.12	0.093
1144252	Drill Core	0.35	2.07	0.138
1144253	Drill Core	0.53	1.38	0.118
1144254	Drill Core	0.69	2.08	0.123
1144255	Drill Core	0.46	1.38	0.136
1144256	Drill Core	0.69	0.68	0.106
1144257 Dup of 1144256	CORE DUP	0.62	0.64	0.100
1144258	Drill Core	0.61	0.87	0.070
1144259	Drill Core	0.40	0.97	0.217
1144260	Drill Core	0.59	1.26	0.099
1144261	Drill Core	0.43	0.56	0.176
1144262	Drill Core	0.53	0.52	0.194
1144263	Drill Core	0.56	0.35	0.151
1144264	Drill Core	0.57	0.59	0.094
1144265	Rock Pulp	0.11	2.43	1.138
1144266	Drill Core	0.93	2.26	0.180



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Project: 204920

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144267	Drill Core	7.82	0.047	0.335	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.18	<0.02	0.04	<0.001	<0.01	<0.01	3.81	0.08	0.001	1.84	7.84
1144268	Rock	5.21	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.67	<0.02	0.06	<0.001	<0.01	<0.01	1.65	0.04	<0.001	0.35	6.63
1144269	Drill Core	8.19	0.005	0.291	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.26	<0.02	0.04	<0.001	<0.01	<0.01	3.47	0.08	<0.001	1.39	7.24
1144270	Drill Core	4.09	0.057	0.401	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.04	<0.001	<0.01	<0.01	3.20	0.08	0.001	1.45	7.26
1144271	Drill Core	3.52	0.036	0.358	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.29	<0.02	0.04	<0.001	<0.01	<0.01	3.18	0.08	0.001	1.54	7.56
1144272	Drill Core	5.09	0.050	0.393	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.90	<0.02	0.04	<0.001	<0.01	<0.01	3.52	0.07	0.002	1.50	7.11
1144273	Drill Core	5.39	0.059	0.379	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.33	<0.02	0.04	<0.001	<0.01	<0.01	4.70	0.11	<0.001	1.90	7.95
1144274	Drill Core	8.23	0.037	0.418	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.52	<0.02	0.04	<0.001	<0.01	<0.01	4.18	0.08	<0.001	1.58	7.79
1144275 Dup of 1144274	CORE DUP		0.038	0.433	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.65	<0.02	0.05	<0.001	<0.01	<0.01	4.44	0.08	0.001	1.62	8.26
1144276	Drill Core	7.15	0.021	0.228	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.60	<0.02	0.05	<0.001	<0.01	<0.01	3.62	0.10	0.002	1.81	7.87
1144277	Drill Core	7.16	0.013	0.305	<0.02	<0.01	<2	0.002	<0.001	0.03	2.65	<0.02	0.03	<0.001	<0.01	<0.01	2.21	0.08	0.003	1.77	7.13
1144278	Drill Core	5.59	0.053	0.411	<0.02	<0.01	<2	0.001	<0.001	0.03	3.10	<0.02	0.04	<0.001	<0.01	<0.01	2.80	0.08	0.003	1.66	7.39
1144279	Drill Core	3.62	0.032	0.338	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.08	<0.02	0.03	<0.001	<0.01	<0.01	2.28	0.07	0.001	1.37	7.45
1144280	Drill Core	5.73	0.038	0.389	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.60	<0.02	0.03	<0.001	<0.01	<0.01	1.34	0.05	0.002	0.93	7.06
1144281	Drill Core	7.28	0.037	0.319	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.89	<0.02	0.03	<0.001	<0.01	<0.01	1.52	0.06	0.002	0.89	6.29
1144282	Drill Core	8.92	0.002	0.014	<0.02	<0.01	<2	0.006	0.003	0.14	7.55	<0.02	0.03	<0.001	<0.01	<0.01	8.55	0.06	0.013	4.20	8.60
1144283	Drill Core	8.49	<0.001	0.006	<0.02	<0.01	<2	0.005	0.003	0.14	7.17	<0.02	0.03	<0.001	<0.01	<0.01	8.35	0.06	0.013	3.99	8.95
1144284	Rock Pulp	0.15	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.28	<0.02	0.05	<0.001	<0.01	<0.01	1.85	0.06	0.002	0.53	6.99
1144285	Drill Core	8.17	<0.001	0.006	<0.02	<0.01	<2	0.005	0.003	0.13	6.92	<0.02	0.03	<0.001	<0.01	<0.01	8.11	0.06	0.012	4.08	8.85
1144286	Drill Core	4.90	<0.001	0.005	<0.02	<0.01	<2	0.005	0.003	0.13	6.64	<0.02	0.03	<0.001	<0.01	<0.01	8.24	0.06	0.012	4.01	8.81
1144287	Drill Core	4.33	<0.001	0.013	<0.02	<0.01	<2	0.005	0.003	0.14	7.11	<0.02	0.03	<0.001	<0.01	<0.01	8.26	0.06	0.012	4.11	8.99
1144288	Rock	5.84	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.52	<0.02	0.05	<0.001	<0.01	<0.01	1.54	0.03	<0.001	0.24	6.79
1144289	Drill Core	3.62	0.032	0.507	<0.02	<0.01	3	<0.001	<0.001	0.06	2.95	<0.02	0.05	<0.001	<0.01	<0.01	3.00	0.09	0.002	1.17	7.31
1144290	Drill Core	3.64	0.021	0.768	<0.02	<0.01	3	0.002	<0.001	0.08	4.37	<0.02	0.05	<0.001	<0.01	<0.01	2.82	0.10	0.004	2.17	7.97
1144291	Drill Core	3.95	0.027	0.628	<0.02	<0.01	<2	0.002	<0.001	0.06	4.24	<0.02	0.04	<0.001	<0.01	<0.01	2.42	0.09	0.004	2.03	7.80
1144292	Drill Core	2.37	0.013	0.100	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.07	<0.02	0.02	<0.001	<0.01	<0.01	1.56	0.06	0.002	1.26	6.99
1144293	Drill Core	1.80	0.018	0.103	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.05	<0.02	0.02	<0.001	<0.01	<0.01	1.57	0.06	0.002	1.27	6.43
1144294	Drill Core	3.70	0.027	0.097	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.66	<0.02	0.04	<0.001	<0.01	<0.01	2.79	0.06	0.002	1.13	7.18
1144295	Drill Core	4.59	0.025	0.455	<0.02	<0.01	<2	0.001	<0.001	0.05	2.74	<0.02	0.06	<0.001	<0.01	<0.01	3.41	0.07	0.002	1.72	7.60
1144296 Dup of 1144295	CORE DUP		0.025	0.435	<0.02	<0.01	<2	0.001	<0.001	0.05	2.70	<0.02	0.06	<0.001	<0.01	<0.01	3.34	0.07	0.002	1.70	7.53



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Project: 204920
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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144267	Drill Core	3.15	1.05	<0.01	1.36	424.2	3286.3	1.9	45	1.3	5.3	11.6	490	3.54	1.4	72.8	1.1	151	0.6	<0.1	0.3
1144268	Rock	2.72	2.20	<0.01	<0.05	0.6	9.2	1.9	49	<0.1	2.6	2.9	387	1.57	<0.5	1.4	5.7	33	<0.1	<0.1	<0.1
1144269	Drill Core	3.10	1.46	<0.01	1.41	48.2	2869.1	1.3	46	0.7	4.5	10.0	525	2.78	1.6	41.0	2.4	115	0.1	<0.1	0.4
1144270	Drill Core	3.71	1.04	<0.01	1.33	568.8	3926.4	1.2	38	1.3	7.3	8.6	361	2.71	1.1	83.3	1.7	130	0.9	0.1	0.5
1144271	Drill Core	3.61	1.12	<0.01	1.28	364.1	3582.9	1.3	39	1.0	7.2	9.5	380	2.86	0.7	89.2	1.7	120	0.1	<0.1	0.4
1144272	Drill Core	3.44	1.10	<0.01	1.68	486.2	4012.3	2.1	45	1.9	8.9	7.8	410	2.57	0.6	166.3	1.7	159	0.7	0.1	0.9
1144273	Drill Core	3.16	1.04	<0.01	1.90	568.4	3727.5	2.1	71	1.1	6.8	12.0	576	3.74	0.9	85.0	1.2	130	0.3	0.1	0.6
1144274	Drill Core	3.44	0.98	<0.01	1.64	331.3	4159.3	1.5	60	1.0	6.6	11.3	511	3.06	2.2	70.5	1.3	129	0.3	0.2	0.5
1144275 Dup of 1144274	CORE DUP	3.59	1.01	<0.01	1.71	350.4	4290.3	1.4	56	0.9	7.5	11.5	514	3.11	1.8	72.2	1.3	132	0.4	0.2	0.5
1144276	Drill Core	3.83	0.92	<0.01	1.18	202.0	2248.8	1.5	49	0.8	12.6	10.5	420	3.05	3.0	74.2	0.9	111	0.3	0.3	0.4
1144277	Drill Core	4.40	0.84	<0.01	0.48	114.6	3002.6	1.1	41	1.3	17.0	9.7	346	2.42	1.7	129.4	0.6	56	0.2	0.2	0.4
1144278	Drill Core	3.90	0.91	<0.01	1.19	485.8	3902.6	0.8	39	1.5	15.6	8.2	318	2.62	<0.5	106.5	0.9	97	0.6	0.1	3.6
1144279	Drill Core	3.63	1.36	<0.01	0.63	315.3	3235.6	0.8	38	1.2	6.9	6.9	322	2.58	<0.5	134.3	1.0	73	<0.1	0.1	1.0
1144280	Drill Core	4.12	1.30	<0.01	0.44	362.0	3689.5	0.7	25	1.0	6.4	4.1	234	1.33	<0.5	155.5	1.9	30	0.5	0.4	1.1
1144281	Drill Core	4.17	1.05	<0.01	0.36	368.0	3085.9	3.6	24	0.8	7.9	4.7	280	1.66	<0.5	216.6	1.9	36	0.3	0.5	1.1
1144282	Drill Core	1.70	0.36	<0.01	0.13	25.8	141.2	5.5	43	0.1	43.3	27.6	637	4.46	4.5	0.9	0.1	92	0.1	0.4	<0.1
1144283	Drill Core	1.72	0.31	<0.01	0.11	1.2	64.1	1.6	17	<0.1	38.4	25.7	573	4.25	1.6	2.0	0.1	127	<0.1	0.3	<0.1
1144284	Rock Pulp	2.91	1.42	<0.01	0.21	11.6	174.1	11.7	44	0.1	7.6	5.5	226	1.86	2.5	0.7	3.0	40	<0.1	<0.1	0.1
1144285	Drill Core	1.78	0.52	<0.01	0.09	0.6	67.1	1.8	33	<0.1	40.8	27.7	625	4.27	2.0	<0.5	0.1	123	<0.1	0.3	<0.1
1144286	Drill Core	1.74	0.58	<0.01	0.11	0.6	59.6	2.4	31	<0.1	41.0	26.9	613	4.12	2.7	<0.5	0.1	118	<0.1	0.3	<0.1
1144287	Drill Core	1.74	0.38	<0.01	0.13	3.7	134.1	1.7	21	<0.1	42.8	26.7	592	4.28	2.5	<0.5	0.2	137	0.2	0.4	<0.1
1144288	Rock	2.92	1.83	<0.01	<0.05	0.4	10.7	1.8	48	<0.1	1.3	2.2	325	1.36	<0.5	<0.5	6.2	21	<0.1	<0.1	<0.1
1144289	Drill Core	4.60	0.88	<0.01	1.07	297.6	4831.5	2.7	40	2.5	9.5	6.7	481	2.39	<0.5	92.4	1.2	79	0.2	0.7	1.7
1144290	Drill Core	3.90	0.70	<0.01	0.95	160.3	7216.0	2.0	63	3.7	15.5	13.4	694	3.58	1.3	182.7	0.8	77	0.1	0.6	3.2
1144291	Drill Core	3.92	0.77	<0.01	1.00	242.1	6163.2	1.2	46	2.9	15.2	10.9	582	3.48	1.0	248.5	0.9	42	0.2	0.2	5.9
1144292	Drill Core	4.03	0.74	<0.01	1.81	138.7	997.6	0.6	26	0.2	8.2	5.7	309	2.74	2.1	20.1	1.8	44	<0.1	<0.1	0.6
1144293	Drill Core	3.96	0.74	<0.01	1.78	189.0	1053.9	0.8	27	0.2	8.6	5.8	322	2.73	2.2	15.0	2.0	53	<0.1	<0.1	0.5
1144294	Drill Core	4.29	0.78	<0.01	1.28	257.6	948.5	1.4	23	0.3	8.6	4.3	309	1.35	1.4	41.7	2.0	86	0.1	0.5	0.5
1144295	Drill Core	3.74	0.75	<0.01	1.43	216.4	4531.6	4.1	43	2.2	10.9	7.2	409	2.16	1.7	160.3	1.1	85	0.2	0.8	4.0
1144296 Dup of 1144295	CORE DUP	3.68	0.74	<0.01	1.38	213.5	4288.4	3.9	43	2.0	10.2	7.4	404	2.10	1.6	203.3	1.0	81	0.1	0.8	3.4

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1144267	Drill Core	121	3.12	0.074	6	10	1.70	133	0.023	<20	1.89	0.062	0.12	0.2	0.03	6.4	<0.1	1.28	8	1.8	0.3
1144268	Rock	18	0.30	0.043	11	5	0.33	110	0.079	<20	0.66	0.077	0.34	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	0.3
1144269	Drill Core	74	2.85	0.072	8	8	1.27	163	0.027	<20	1.49	0.050	0.20	0.2	<0.01	3.4	<0.1	1.33	7	1.3	0.4
1144270	Drill Core	66	2.91	0.076	7	13	1.31	181	0.012	<20	1.41	0.060	0.12	0.3	0.02	4.3	<0.1	1.31	7	1.3	<0.2
1144271	Drill Core	72	2.87	0.081	8	14	1.44	156	0.012	<20	1.55	0.062	0.14	0.3	<0.01	4.8	<0.1	1.27	7	1.1	<0.2
1144272	Drill Core	58	3.26	0.073	6	20	1.42	159	0.012	<20	1.55	0.051	0.12	0.2	0.03	4.4	<0.1	1.66	6	0.8	0.4
1144273	Drill Core	101	3.93	0.111	8	11	1.77	69	0.032	<20	1.92	0.058	0.12	0.3	0.02	6.9	<0.1	1.86	8	<0.5	0.4
1144274	Drill Core	87	3.41	0.083	5	12	1.46	101	0.044	<20	1.59	0.068	0.12	0.3	<0.01	6.3	<0.1	1.62	7	1.2	0.4
1144275 Dup of 1144274	CORE DUP	89	3.42	0.082	6	12	1.49	103	0.047	<20	1.70	0.070	0.12	0.3	0.02	6.2	<0.1	1.64	7	0.6	<0.2
1144276	Drill Core	88	2.64	0.093	6	22	1.70	148	0.070	<20	1.66	0.073	0.11	0.2	0.03	7.5	<0.1	1.12	8	<0.5	<0.2
1144277	Drill Core	72	2.08	0.078	6	39	1.72	134	0.030	<20	1.57	0.072	0.12	0.2	0.02	6.0	<0.1	0.48	8	1.3	0.3
1144278	Drill Core	69	2.28	0.077	5	32	1.54	112	0.028	<20	1.40	0.066	0.12	0.2	0.02	5.0	<0.1	1.13	7	1.8	0.5
1144279	Drill Core	58	2.09	0.073	6	13	1.20	157	0.007	<20	1.32	0.062	0.17	0.3	0.01	3.3	<0.1	0.60	6	1.1	0.4
1144280	Drill Core	23	1.16	0.043	4	13	0.75	160	0.002	<20	0.88	0.071	0.14	0.3	<0.01	1.3	<0.1	0.42	4	2.3	0.4
1144281	Drill Core	36	1.34	0.050	6	17	0.80	256	0.014	<20	0.97	0.093	0.13	0.3	<0.01	2.2	<0.1	0.37	5	2.1	0.3
1144282	Drill Core	112	3.03	0.052	4	29	2.09	54	0.225	<20	4.54	0.495	0.06	<0.1	<0.01	4.5	<0.1	0.10	8	<0.5	<0.2
1144283	Drill Core	119	3.23	0.052	4	17	1.77	36	0.206	<20	5.14	0.572	0.06	<0.1	<0.01	2.8	<0.1	0.09	8	<0.5	<0.2
1144284	Rock Pulp	26	0.87	0.056	11	12	0.42	37	0.018	<20	0.80	0.066	0.14	0.4	<0.01	1.5	<0.1	0.19	4	<0.5	<0.2
1144285	Drill Core	118	3.44	0.050	4	25	2.09	36	0.202	<20	4.91	0.516	0.07	<0.1	<0.01	4.5	<0.1	0.07	8	<0.5	<0.2
1144286	Drill Core	110	3.61	0.047	4	25	2.12	37	0.185	<20	4.92	0.511	0.07	<0.1	<0.01	4.9	<0.1	0.09	8	<0.5	<0.2
1144287	Drill Core	122	3.27	0.052	4	20	1.93	38	0.197	<20	5.29	0.597	0.07	<0.1	<0.01	3.1	<0.1	0.11	9	<0.5	<0.2
1144288	Rock	13	0.22	0.028	13	7	0.23	69	0.062	<20	0.57	0.083	0.28	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1144289	Drill Core	67	2.04	0.081	3	18	1.11	78	0.107	<20	1.33	0.102	0.06	1.6	<0.01	4.2	<0.1	1.06	7	2.1	<0.2
1144290	Drill Core	111	1.78	0.080	4	49	2.03	63	0.145	<20	2.04	0.090	0.06	1.5	<0.01	8.4	<0.1	0.95	9	3.1	0.4
1144291	Drill Core	103	1.80	0.075	4	49	1.92	85	0.051	<20	2.00	0.076	0.09	0.7	<0.01	6.9	<0.1	0.99	8	3.1	0.5
1144292	Drill Core	43	1.34	0.050	3	20	1.18	33	0.029	<20	1.18	0.050	0.08	0.5	<0.01	2.7	<0.1	1.75	5	1.2	<0.2
1144293	Drill Core	46	1.46	0.052	3	23	1.22	36	0.031	<20	1.28	0.056	0.08	0.5	<0.01	2.8	<0.1	1.70	6	1.3	<0.2
1144294	Drill Core	40	2.22	0.050	4	23	1.05	58	0.057	<20	0.99	0.060	0.06	0.9	<0.01	2.8	<0.1	1.22	5	0.8	<0.2
1144295	Drill Core	79	2.03	0.063	3	22	1.70	53	0.138	<20	1.53	0.090	0.04	1.3	<0.01	5.5	<0.1	1.42	7	3.2	0.3
1144296 Dup of 1144295	CORE DUP	77	2.00	0.063	3	22	1.65	50	0.129	<20	1.47	0.088	0.04	1.2	<0.01	5.3	<0.1	1.38	6	3.2	0.2

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144267	Drill Core	0.51	1.41	0.093
1144268	Rock	0.02	<0.02	<0.005
1144269	Drill Core	0.42	1.47	0.042
1144270	Drill Core	0.44	1.42	0.119
1144271	Drill Core	0.44	1.39	0.115
1144272	Drill Core	0.42	1.72	0.131
1144273	Drill Core	0.52	1.95	0.116
1144274	Drill Core	0.47	1.71	0.082
1144275 Dup of 1144274	CORE DUP	0.50	1.77	0.103
1144276	Drill Core	0.36	1.18	0.066
1144277	Drill Core	0.46	0.57	0.103
1144278	Drill Core	0.35	1.26	0.192
1144279	Drill Core	0.43	0.66	0.150
1144280	Drill Core	0.29	0.47	0.219
1144281	Drill Core	0.32	0.38	0.188
1144282	Drill Core	0.28	0.12	<0.005
1144283	Drill Core	0.16	0.11	<0.005
1144284	Rock Pulp	0.19	0.21	<0.005
1144285	Drill Core	0.29	0.09	<0.005
1144286	Drill Core	0.33	0.11	<0.005
1144287	Drill Core	0.17	0.11	0.007
1144288	Rock	<0.02	<0.02	<0.005
1144289	Drill Core	0.26	1.15	0.116
1144290	Drill Core	0.25	1.07	0.230
1144291	Drill Core	0.39	1.08	0.307
1144292	Drill Core	0.18	1.91	0.021
1144293	Drill Core	0.20	1.72	0.026
1144294	Drill Core	0.20	1.28	0.035
1144295	Drill Core	0.12	1.55	0.290
1144296 Dup of 1144295	CORE DUP	0.12	1.53	0.253



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Project: 204920
Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144297	Drill Core	4.22	0.028	0.455	<0.02	<0.01	2	0.002	<0.001	0.06	3.48	<0.02	0.06	<0.001	<0.01	<0.01	3.63	0.08	0.004	2.08	7.85
1144298	Drill Core	4.48	0.039	0.300	<0.02	<0.01	<2	0.002	<0.001	0.06	3.11	<0.02	0.07	<0.001	<0.01	<0.01	3.50	0.09	0.003	1.95	8.02
1144299	Drill Core	4.12	0.039	0.273	<0.02	<0.01	<2	0.001	<0.001	0.05	3.04	<0.02	0.06	<0.001	<0.01	<0.01	3.35	0.08	0.002	1.64	7.58
1144300	Drill Core	4.42	0.031	0.294	<0.02	<0.01	<2	0.001	<0.001	0.05	3.14	<0.02	0.06	<0.001	<0.01	<0.01	3.25	0.08	0.002	1.52	7.72
1144301	Drill Core	4.24	0.016	0.330	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.08	<0.02	0.04	<0.001	<0.01	<0.01	1.84	0.05	0.002	0.89	6.38
1144302	Drill Core	4.34	0.013	0.199	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.57	<0.02	0.04	<0.001	<0.01	<0.01	2.07	0.07	0.002	1.22	7.37
1144303	Drill Core	4.13	0.043	0.374	<0.02	<0.01	<2	0.001	<0.001	0.06	3.49	<0.02	0.04	<0.001	<0.01	<0.01	2.45	0.08	0.003	1.77	7.63
1144304	Rock Pulp	0.15	0.027	0.242	<0.02	0.05	2	0.002	<0.001	0.10	4.91	<0.02	0.02	<0.001	<0.01	<0.01	1.33	0.08	0.004	0.79	6.79
1144305	Drill Core	3.87	0.016	0.252	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.54	<0.02	0.05	<0.001	<0.01	<0.01	3.75	0.06	0.003	1.20	6.68
1144306	Drill Core	4.35	0.041	0.436	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.90	<0.02	0.05	<0.001	<0.01	<0.01	3.22	0.06	0.003	1.10	6.73
1144307	Drill Core	4.61	0.022	0.265	<0.02	<0.01	<2	0.001	<0.001	0.05	3.05	<0.02	0.05	<0.001	<0.01	<0.01	2.90	0.08	0.002	1.62	7.51
1144308	Drill Core	3.91	0.019	0.299	<0.02	<0.01	2	0.001	<0.001	0.08	4.12	<0.02	0.04	<0.001	<0.01	<0.01	3.17	0.10	0.001	2.33	8.37
1144309	Drill Core	3.89	0.056	0.362	<0.02	<0.01	<2	0.001	<0.001	0.07	2.81	<0.02	0.05	<0.001	<0.01	<0.01	3.09	0.07	0.003	1.26	7.39
1144310	Drill Core	4.10	0.009	0.087	<0.02	<0.01	<2	0.001	<0.001	0.06	1.96	<0.02	0.06	<0.001	<0.01	<0.01	3.07	0.07	0.002	1.09	7.54
1144311	Rock	4.05	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.35	<0.02	0.05	<0.001	<0.01	<0.01	1.49	0.03	<0.001	0.23	6.65
1144312	Drill Core	4.20	0.014	0.247	<0.02	<0.01	<2	0.001	<0.001	0.07	2.26	<0.02	0.05	<0.001	<0.01	<0.01	2.46	0.08	0.003	1.30	7.82
1144313	Drill Core	4.02	0.009	0.135	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.95	<0.02	0.05	<0.001	<0.01	<0.01	2.56	0.06	0.002	0.92	7.10
1144314	Drill Core	2.16	0.009	0.067	<0.02	<0.01	<2	0.001	<0.001	0.05	2.44	<0.02	0.05	<0.001	<0.01	<0.01	2.67	0.06	0.002	1.09	7.50
1144315	Drill Core	1.85	0.010	0.073	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.43	<0.02	0.05	<0.001	<0.01	<0.01	2.71	0.06	0.002	1.09	7.62
1144316	Drill Core	3.89	0.027	0.231	<0.02	<0.01	<2	0.001	<0.001	0.06	2.38	<0.02	0.05	<0.001	<0.01	<0.01	3.26	0.09	0.003	1.45	8.40
1144317	Drill Core	4.13	0.047	0.279	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.69	<0.02	0.05	<0.001	<0.01	<0.01	3.54	0.08	0.003	1.54	7.79
1144318 Dup of 1144317	CORE DUP		0.048	0.289	<0.02	<0.01	<2	0.001	<0.001	0.06	2.66	<0.02	0.05	<0.001	<0.01	<0.01	3.46	0.08	0.004	1.55	7.80
1144319	Drill Core	4.09	0.041	0.329	<0.02	<0.01	<2	0.001	<0.001	0.08	2.81	<0.02	0.05	<0.001	<0.01	<0.01	3.55	0.07	0.002	1.51	7.44
1144320	Drill Core	4.39	0.021	0.205	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.73	<0.02	0.06	<0.001	<0.01	<0.01	3.77	0.07	0.002	1.35	7.39
1144321	Drill Core	4.26	0.040	0.749	<0.02	<0.01	2	<0.001	<0.001	0.06	2.67	<0.02	0.04	<0.001	<0.01	<0.01	3.64	0.07	0.002	1.17	7.15
1144322	Drill Core	4.31	0.048	0.318	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.20	<0.02	0.03	<0.001	<0.01	<0.01	3.70	0.06	0.002	1.02	7.33
1144323	Drill Core	4.40	0.027	0.276	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.23	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.06	0.002	1.15	7.29
1144324	Rock Pulp	0.15	0.029	0.253	<0.02	0.04	3	0.002	<0.001	0.11	5.17	<0.02	0.02	<0.001	<0.01	<0.01	1.50	0.08	0.003	0.82	7.81
1144325	Drill Core	4.05	0.014	0.171	<0.02	0.68	3	<0.001	<0.001	0.07	2.54	<0.02	0.03	0.007	<0.01	<0.01	6.20	0.05	0.002	0.87	5.69
1144326	Drill Core	4.96	0.029	0.279	<0.02	<0.01	<2	<0.001	<0.001	0.10	2.35	<0.02	0.04	<0.001	<0.01	<0.01	5.57	0.06	0.002	1.31	7.07

CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144297	Drill Core	3.78	0.72	<0.01	1.37	250.0	4453.6	6.3	38	1.8	12.9	9.9	414	2.60	4.0	67.5	1.0	61	0.3	0.7	0.6
1144298	Drill Core	3.98	0.71	<0.01	0.92	352.9	2896.9	4.1	46	1.1	14.0	7.0	435	2.20	2.3	47.7	1.0	59	0.3	0.6	1.0
1144299	Drill Core	4.03	0.67	<0.01	1.28	334.5	2798.6	2.5	33	1.2	13.5	7.1	341	2.33	2.2	180.2	1.3	85	0.3	0.7	0.5
1144300	Drill Core	3.73	1.03	<0.01	1.20	270.4	2963.2	3.8	45	1.4	13.2	6.8	384	2.39	1.6	132.1	1.3	80	<0.1	0.8	9.6
1144301	Drill Core	3.77	1.13	<0.01	0.76	144.8	3279.5	5.1	36	1.9	8.9	4.3	273	1.82	1.0	103.3	1.6	46	0.2	0.7	22.3
1144302	Drill Core	3.72	1.48	<0.01	1.06	132.4	2037.1	0.9	45	0.8	10.3	7.2	341	2.25	3.5	32.6	1.8	61	<0.1	0.5	0.9
1144303	Drill Core	3.91	0.82	<0.01	0.77	415.1	3550.9	2.2	62	1.1	12.3	10.6	534	2.98	1.6	82.3	1.4	43	0.2	0.5	4.3
1144304	Rock Pulp	0.88	1.83	<0.01	2.18	260.4	2442.3	72.2	412	2.8	13.2	10.9	753	4.24	24.4	230.3	2.7	43	2.1	0.9	0.9
1144305	Drill Core	3.33	0.84	<0.01	1.46	138.8	2457.9	1.7	60	0.9	10.1	5.8	413	1.85	1.2	96.1	1.4	88	0.1	1.0	1.2
1144306	Drill Core	3.52	1.23	<0.01	1.67	419.9	4135.0	3.3	52	1.3	9.0	6.7	350	2.39	1.5	112.6	1.8	97	0.3	0.8	1.6
1144307	Drill Core	3.82	0.82	0.06	1.12	158.9	2615.4	2.2	56	0.9	10.1	9.5	447	2.61	2.5	33.6	1.5	68	0.1	0.5	0.6
1144308	Drill Core	3.88	0.62	<0.01	0.74	176.4	2954.2	2.4	85	1.1	11.9	11.7	773	3.42	2.7	79.2	0.9	37	0.1	0.5	1.5
1144309	Drill Core	2.96	1.40	<0.01	0.89	516.3	3546.9	5.0	68	1.2	10.4	5.5	539	2.04	2.6	58.4	1.2	53	0.5	0.7	0.8
1144310	Drill Core	3.11	1.54	<0.01	0.65	102.6	887.1	1.4	59	0.3	10.0	4.1	441	1.35	2.4	70.2	1.1	61	0.1	0.8	0.2
1144311	Rock	2.78	1.61	<0.01	<0.05	1.6	18.1	1.6	46	<0.1	1.3	2.1	287	1.25	<0.5	2.8	5.9	18	<0.1	<0.1	<0.1
1144312	Drill Core	3.22	1.50	<0.01	0.54	135.5	2558.9	2.2	71	0.8	11.2	5.2	583	1.64	1.7	53.8	1.1	39	0.2	0.7	0.5
1144313	Drill Core	3.78	1.26	<0.01	0.95	90.2	1411.4	1.2	51	0.4	9.1	4.4	423	1.52	0.9	12.0	1.6	64	<0.1	0.6	0.2
1144314	Drill Core	3.33	1.71	<0.01	0.80	82.2	649.3	0.8	54	0.2	10.4	5.3	432	1.84	1.1	49.0	1.5	63	<0.1	0.5	0.2
1144315	Drill Core	3.40	1.90	<0.01	0.85	91.2	703.4	0.8	55	0.2	9.3	5.2	432	1.84	1.4	9.7	1.5	77	<0.1	0.5	0.2
1144316	Drill Core	2.88	1.92	<0.01	1.26	238.2	2111.3	1.6	68	0.8	11.7	5.9	523	1.69	2.2	14.4	1.1	70	1.1	2.5	0.4
1144317	Drill Core	3.07	1.60	<0.01	1.53	392.6	2587.0	1.7	66	1.0	10.2	7.2	533	1.98	1.8	43.2	1.3	90	0.5	2.4	1.0
1144318 Dup of 1144317	CORE DUP	3.04	1.62	<0.01	1.55	414.3	2705.4	1.7	66	0.9	10.8	7.3	530	1.99	1.6	52.5	1.3	91	0.6	2.3	1.0
1144319	Drill Core	2.66	1.64	<0.01	1.64	367.3	3100.4	2.0	81	1.0	12.0	6.7	677	2.08	1.6	39.8	1.3	106	0.2	1.2	0.7
1144320	Drill Core	2.94	1.59	<0.01	1.53	187.8	1883.7	4.0	70	0.8	10.9	6.1	616	2.00	1.7	29.8	1.3	104	0.1	0.7	0.6
1144321	Drill Core	2.96	1.39	<0.01	2.05	312.5	7054.7	11.9	66	2.6	10.0	5.5	499	2.12	<0.5	113.6	1.4	97	0.4	2.1	1.7
1144322	Drill Core	2.31	1.65	<0.01	1.26	421.3	2973.3	4.2	88	1.1	8.2	5.1	511	1.61	0.9	40.0	1.4	88	0.9	0.5	0.9
1144323	Drill Core	2.24	1.65	<0.01	1.45	222.0	2521.1	2.3	70	1.0	9.0	5.0	680	1.57	1.0	24.2	1.5	105	0.2	0.4	0.6
1144324	Rock Pulp	0.89	2.12	<0.01	2.20	249.7	2429.6	69.1	420	2.9	12.4	10.5	729	4.16	25.9	247.7	2.6	47	2.3	1.0	0.9
1144325	Drill Core	0.63	2.18	<0.01	4.01	118.5	1549.8	13.5	6223	3.3	7.2	6.2	644	1.74	1.6	43.1	1.0	252	68.9	0.3	7.3
1144326	Drill Core	1.55	1.84	<0.01	2.48	225.5	2595.4	1.9	95	1.2	8.6	5.7	883	1.78	0.9	48.5	1.6	364	0.2	0.5	0.9

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144297	Drill Core	105	2.07	0.071	3	33	1.71	29	0.138	<20	1.51	0.088	0.04	14.4	<0.01	6.0	<0.1	1.33	7	2.1	<0.2
1144298	Drill Core	76	1.85	0.076	2	34	1.78	33	0.120	<20	1.53	0.082	0.04	2.0	<0.01	5.1	<0.1	0.90	7	2.1	<0.2
1144299	Drill Core	75	1.91	0.070	3	29	1.55	32	0.134	<20	1.45	0.092	0.04	2.2	<0.01	4.7	<0.1	1.28	7	2.3	<0.2
1144300	Drill Core	71	1.90	0.072	3	28	1.49	50	0.100	<20	1.42	0.071	0.05	3.6	<0.01	4.1	<0.1	1.20	7	2.3	<0.2
1144301	Drill Core	46	1.28	0.043	2	22	0.87	96	0.067	<20	0.85	0.062	0.06	2.4	<0.01	2.3	<0.1	0.76	5	2.7	0.3
1144302	Drill Core	63	1.61	0.058	2	23	1.18	76	0.089	<20	1.27	0.052	0.08	4.3	<0.01	4.2	<0.1	1.04	7	1.0	0.2
1144303	Drill Core	96	1.72	0.069	3	25	1.69	42	0.125	<20	1.70	0.059	0.08	4.7	<0.01	6.4	<0.1	0.76	9	1.6	<0.2
1144304	Rock Pulp	30	0.78	0.062	4	20	0.58	59	0.030	<20	1.63	0.051	0.29	1.2	0.06	2.1	0.2	2.12	4	3.8	0.6
1144305	Drill Core	49	2.24	0.053	3	31	1.15	55	0.072	<20	1.27	0.058	0.07	2.5	<0.01	3.5	<0.1	1.39	5	1.1	<0.2
1144306	Drill Core	60	2.09	0.052	3	21	1.05	78	0.064	<20	1.12	0.056	0.06	2.5	<0.01	2.8	<0.1	1.68	6	2.0	0.2
1144307	Drill Core	76	1.95	0.068	3	20	1.60	39	0.099	<20	1.53	0.058	0.06	>100	<0.01	4.7	<0.1	1.09	8	1.4	<0.2
1144308	Drill Core	109	2.06	0.083	4	17	2.26	35	0.122	<20	2.21	0.064	0.06	3.9	<0.01	9.3	<0.1	0.68	9	1.2	<0.2
1144309	Drill Core	54	1.90	0.063	3	29	1.15	61	0.058	<20	1.27	0.044	0.12	2.0	<0.01	3.3	<0.1	0.90	5	1.5	<0.2
1144310	Drill Core	34	1.71	0.069	3	21	1.01	51	0.045	<20	1.06	0.049	0.11	37.8	<0.01	2.3	<0.1	0.62	4	<0.5	<0.2
1144311	Rock	12	0.22	0.027	12	8	0.22	62	0.056	<20	0.49	0.053	0.25	0.2	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
1144312	Drill Core	38	1.39	0.068	2	25	1.19	54	0.051	<20	1.20	0.045	0.12	12.5	<0.01	2.5	<0.1	0.53	5	1.2	<0.2
1144313	Drill Core	32	1.70	0.052	3	17	0.87	74	0.059	<20	0.94	0.052	0.08	4.4	<0.01	2.1	<0.1	0.93	4	0.7	<0.2
1144314	Drill Core	41	1.65	0.052	3	21	0.98	79	0.042	<20	1.08	0.049	0.09	5.0	<0.01	2.3	<0.1	0.73	5	<0.5	<0.2
1144315	Drill Core	39	1.72	0.050	3	22	0.98	95	0.043	<20	1.09	0.045	0.09	8.1	<0.01	2.1	<0.1	0.79	4	0.6	<0.2
1144316	Drill Core	50	2.18	0.075	3	31	1.18	70	0.028	<20	1.39	0.050	0.18	2.4	<0.01	3.5	<0.1	1.15	5	1.4	<0.2
1144317	Drill Core	55	2.48	0.068	4	37	1.32	74	0.029	<20	1.39	0.044	0.13	1.3	<0.01	4.4	<0.1	1.40	6	1.6	<0.2
1144318 Dup of 1144317	CORE DUP	57	2.51	0.066	4	36	1.32	81	0.028	<20	1.44	0.046	0.15	1.4	<0.01	4.5	<0.1	1.46	6	1.6	<0.2
1144319	Drill Core	49	2.47	0.062	3	22	1.34	89	0.036	<20	1.45	0.044	0.15	5.8	<0.01	3.4	<0.1	1.54	6	1.1	<0.2
1144320	Drill Core	54	2.40	0.060	4	26	1.18	78	0.074	<20	1.31	0.050	0.10	5.1	<0.01	3.4	<0.1	1.42	5	1.0	<0.2
1144321	Drill Core	53	2.84	0.055	4	24	0.98	57	0.059	<20	1.11	0.043	0.12	2.6	0.02	3.4	<0.1	1.96	5	3.6	0.9
1144322	Drill Core	43	2.83	0.053	5	19	0.80	59	0.046	<20	0.98	0.041	0.15	1.5	0.02	2.6	<0.1	1.19	4	1.4	0.3
1144323	Drill Core	38	3.27	0.052	6	21	0.91	56	0.022	<20	1.09	0.032	0.15	1.3	0.02	2.5	<0.1	1.33	4	1.2	<0.2
1144324	Rock Pulp	29	0.75	0.060	4	18	0.56	62	0.032	<20	1.58	0.047	0.27	1.0	0.05	2.1	0.2	2.07	4	4.3	0.6
1144325	Drill Core	18	5.75	0.039	6	18	0.55	65	<0.001	<20	0.90	0.014	0.19	0.6	2.09	1.3	<0.1	3.52	3	1.8	0.5
1144326	Drill Core	35	5.42	0.054	6	18	1.02	67	<0.001	<20	1.25	0.023	0.17	0.4	0.01	2.2	0.2	2.35	4	1.3	<0.2

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Project: 204920

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144297	Drill Core	0.18	1.53	0.141
1144298	Drill Core	0.19	1.03	0.160
1144299	Drill Core	0.08	1.35	0.380
1144300	Drill Core	0.13	1.27	0.231
1144301	Drill Core	0.14	0.84	0.121
1144302	Drill Core	0.11	1.12	0.060
1144303	Drill Core	0.27	0.81	0.144
1144304	Rock Pulp	0.16	2.06	0.321
1144305	Drill Core	0.19	1.35	0.076
1144306	Drill Core	0.13	1.67	0.109
1144307	Drill Core	0.22	1.05	0.061
1144308	Drill Core	0.41	0.76	0.104
1144309	Drill Core	0.33	0.88	0.064
1144310	Drill Core	0.24	0.63	0.115
1144311	Rock	0.03	<0.02	<0.005
1144312	Drill Core	0.24	0.53	0.090
1144313	Drill Core	0.16	0.88	0.024
1144314	Drill Core	0.19	0.73	0.033
1144315	Drill Core	0.21	0.80	0.028
1144316	Drill Core	0.28	1.12	0.063
1144317	Drill Core	0.32	1.41	0.080
1144318 Dup of 1144317	CORE DUP	0.31	1.40	0.083
1144319	Drill Core	0.27	1.49	0.068
1144320	Drill Core	0.25	1.37	0.032
1144321	Drill Core	0.35	2.08	0.190
1144322	Drill Core	0.52	1.19	0.050
1144323	Drill Core	0.59	1.35	0.030
1144324	Rock Pulp	0.17	2.05	0.380
1144325	Drill Core	0.71	3.62	0.164
1144326	Drill Core	0.83	2.27	0.041



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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144327	Drill Core	4.61	0.073	0.489	<0.02	<0.01	<2	0.001	<0.001	0.10	3.33	<0.02	0.02	<0.001	<0.01	<0.01	3.25	0.08	0.004	1.91	7.84
1144328	Rock	4.66	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.49	<0.02	0.05	<0.001	<0.01	<0.01	1.54	0.03	<0.001	0.23	6.99
1144329	Drill Core	3.95	0.035	0.327	<0.02	<0.01	<2	0.002	<0.001	0.09	3.34	<0.02	0.04	<0.001	<0.01	<0.01	4.05	0.07	0.005	1.88	7.35
1144330	Drill Core	4.43	0.015	0.585	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.30	<0.02	0.04	<0.001	<0.01	<0.01	2.69	0.06	0.002	1.01	7.60
1144331	Drill Core	3.12	0.021	0.273	<0.02	<0.01	<2	0.001	<0.001	0.04	2.94	<0.02	0.04	<0.001	<0.01	<0.01	3.71	0.08	0.004	1.72	7.39
1144332	Drill Core	3.31	0.036	0.362	<0.02	<0.01	<2	0.002	<0.001	0.07	4.24	<0.02	0.05	<0.001	<0.01	<0.01	4.26	0.09	0.008	2.50	7.63



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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144327	Drill Core	2.06	1.67	<0.01	1.06	638.9	4686.8	1.7	111	1.1	14.7	10.1	895	2.54	0.9	43.2	1.3	80	0.3	0.6	0.7
1144328	Rock	2.66	1.94	<0.01	<0.05	0.9	13.6	1.4	50	<0.1	1.0	2.0	305	1.31	0.5	2.8	6.0	17	<0.1	<0.1	<0.1
1144329	Drill Core	2.74	1.18	<0.01	1.48	326.1	3112.3	1.9	98	1.3	18.1	14.0	858	2.70	1.1	34.1	1.6	115	0.2	0.5	0.3
1144330	Drill Core	3.41	1.81	<0.01	1.57	124.0	5602.1	2.9	36	1.7	8.9	9.4	228	1.84	11.4	58.5	1.6	108	0.2	1.5	0.2
1144331	Drill Core	3.86	0.77	<0.01	1.43	186.3	2643.7	1.7	40	1.0	17.6	12.3	379	2.48	1.9	21.9	1.9	112	<0.1	0.4	0.2
1144332	Drill Core	3.11	0.83	<0.01	1.53	316.9	3311.9	1.5	74	1.2	22.8	14.2	561	3.17	2.5	20.1	1.0	113	<0.1	0.5	0.2



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Project: 204920

Report Date: November 19, 2013

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CERTIFICATE OF ANALYSIS

SMI13000361.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1144327	Drill Core	53	2.84	0.072	7	35	1.62	55	0.002	<20	1.79	0.032	0.18	0.5	0.01	3.2	<0.1	1.00	6	2.7	<0.2
1144328	Rock	12	0.19	0.025	12	7	0.23	61	0.066	<20	0.50	0.056	0.26	<0.1	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
1144329	Drill Core	70	3.46	0.064	6	69	1.69	136	0.009	<20	1.81	0.043	0.13	0.6	<0.01	5.5	<0.1	1.40	6	1.7	<0.2
1144330	Drill Core	29	2.25	0.047	5	21	0.85	171	0.002	<20	0.94	0.043	0.13	8.6	0.03	1.8	<0.1	1.45	5	1.5	<0.2
1144331	Drill Core	70	3.31	0.069	6	53	1.59	133	0.016	<20	1.56	0.048	0.08	0.8	0.01	4.9	<0.1	1.34	7	1.7	<0.2
1144332	Drill Core	113	3.09	0.080	4	94	2.22	87	0.089	<20	2.01	0.041	0.08	0.8	0.02	8.1	<0.1	1.41	9	1.5	<0.2



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CERTIFICATE OF ANALYSIS

SMI13000361.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
1144327	Drill Core	0.69	1.02	0.063
1144328	Rock	0.02	<0.02	<0.005
1144329	Drill Core	0.63	1.38	0.040
1144330	Drill Core	0.38	1.46	0.066
1144331	Drill Core	0.59	1.29	0.027
1144332	Drill Core	0.50	1.40	0.038

QUALITY CONTROL REPORT

SMI13000361.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
Pulp Duplicates																				
1144185 Drill Core	8.11	0.060	0.612	<0.02	<0.01	<2	0.001	<0.001	0.02	2.21	<0.02	0.02	<0.001	<0.01	<0.01	2.16	0.11	0.002	1.67	7.34
REP 1144185 QC																				
1144190 Drill Core	8.79	0.040	0.368	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.19	<0.02	0.04	<0.001	<0.01	<0.01	1.80	0.09	0.002	1.49	6.49
REP 1144190 QC																				
1144196 Drill Core	8.56	0.091	1.564	<0.02	<0.01	4	0.003	0.001	0.02	2.76	<0.02	0.03	<0.001	<0.01	<0.01	1.58	0.09	0.002	1.85	7.05
REP 1144196 QC		0.094	1.646	<0.02	<0.01	4	0.003	0.001	0.02	2.80	<0.02	0.03	<0.001	<0.01	<0.01	1.53	0.09	0.002	1.91	6.69
1144199 Drill Core	5.67	0.016	0.084	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.03	<0.02	0.02	<0.001	<0.01	<0.01	1.51	0.10	0.002	1.60	7.40
REP 1144199 QC																				
1144215 Drill Core	2.98	0.005	0.273	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.75	<0.02	0.04	<0.001	<0.01	<0.01	3.45	0.11	<0.001	2.06	8.68
REP 1144215 QC																				
1144219 Dup of 1144218		<0.001	0.184	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.14	<0.02	0.04	<0.001	<0.01	<0.01	3.05	0.12	<0.001	2.21	8.33
REP 1144219 Dup of QC																				
1144220 Drill Core	5.22	0.004	0.308	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.09	<0.02	0.03	<0.001	<0.01	<0.01	2.93	0.12	<0.001	2.26	8.32
REP 1144220 QC																				
1144225 Rock Pulp	0.18	0.024	0.473	<0.02	<0.01	<2	0.004	<0.001	0.08	4.68	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.06	0.005	1.37	5.98
REP 1144225 QC																				
1144231 Rock	4.62	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.45	<0.02	0.06	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.24	6.76
REP 1144231 QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.49	<0.02	0.06	<0.001	<0.01	<0.01	1.60	0.03	0.001	0.25	6.99
1144239 Drill Core	8.23	0.017	0.397	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.46	<0.02	0.02	<0.001	<0.01	<0.01	2.20	0.07	0.003	1.54	7.12
REP 1144239 QC																				
REP 1144255 QC																				
1144260 Drill Core	7.98	0.052	0.359	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.03	<0.001	<0.01	<0.01	3.71	0.10	0.002	1.90	7.83
REP 1144260 QC																				
1144266 Drill Core	7.43	0.076	0.390	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.30	<0.02	0.04	<0.001	<0.01	<0.01	5.73	0.07	0.001	1.39	6.86
REP 1144266 QC		0.077	0.393	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.32	<0.02	0.04	<0.001	<0.01	<0.01	5.77	0.07	0.002	1.40	6.98
1144291 Drill Core	3.95	0.027	0.628	<0.02	<0.01	<2	0.002	<0.001	0.06	4.24	<0.02	0.04	<0.001	<0.01	<0.01	2.42	0.09	0.004	2.03	7.80
REP 1144291 QC																				
1144295 Drill Core	4.59	0.025	0.455	<0.02	<0.01	<2	0.001	<0.001	0.05	2.74	<0.02	0.06	<0.001	<0.01	<0.01	3.41	0.07	0.002	1.72	7.60

QUALITY CONTROL REPORT

SMI13000361.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
1144185	Drill Core	2.63	1.15	<0.01	1.15	558.1	6228.7	2.4	21	1.2	9.3	9.1	179	1.85	10.3	171.0	1.8	52	0.4	0.3	0.2	
REP 1144185	QC																					
1144190	Drill Core	3.51	0.98	<0.01	1.33	399.2	3653.7	1.2	22	0.5	7.0	10.8	151	1.99	3.1	92.9	2.4	154	0.2	0.2	<0.1	
REP 1144190	QC					377.0	3597.9	1.2	23	0.5	7.1	10.4	146	1.93	2.8	74.3	2.3	156	0.6	0.2	<0.1	
1144196	Drill Core	3.77	0.88	<0.01	1.42	749.6	>10000	1.7	37	4.2	28.1	13.2	176	2.53	1.5	644.3	3.1	34	0.9	1.1	0.2	
REP 1144196	QC	3.94	0.95	<0.01	1.45																	
1144199	Drill Core	4.23	0.92	<0.01	0.52	149.9	889.6	0.8	22	0.2	6.4	6.8	236	1.81	2.4	17.6	1.9	27	<0.1	0.2	0.2	
REP 1144199	QC																					
1144215	Drill Core	3.72	1.15	<0.01	0.46	48.9	2816.7	1.0	36	0.8	4.6	15.8	366	4.18	2.7	93.2	0.6	49	<0.1	0.3	<0.1	
REP 1144215	QC					51.5	2842.6	1.0	36	0.9	5.1	14.8	373	4.25	2.9	98.4	0.6	48	<0.1	0.3	<0.1	
1144219 Dup of 1144218	CORE DUP	3.85	1.03	<0.01	0.34	9.8	1779.3	0.8	39	0.8	4.9	12.0	460	4.33	1.9	689.1	0.5	39	<0.1	0.2	<0.1	
REP 1144219 Dup of	QC																					
1144220	Drill Core	3.39	1.27	<0.01	0.38	29.9	2862.2	1.0	45	1.0	5.3	13.6	491	4.17	1.7	107.2	0.4	74	<0.1	0.1	<0.1	
REP 1144220	QC																					
1144225	Rock Pulp	2.21	0.89	<0.01	0.60	219.9	4407.2	3.5	46	0.5	30.5	10.0	428	3.27	5.5	276.0	0.7	34	0.6	0.5	<0.1	
REP 1144225	QC					219.9	4403.2	3.6	45	0.6	28.2	9.4	431	3.30	5.5	960.7	0.7	34	0.4	0.6	<0.1	
1144231	Rock	2.87	1.50	<0.01	<0.05	0.2	10.4	1.3	47	<0.1	1.1	2.3	299	1.32	<0.5	<0.5	5.7	21	<0.1	<0.1	<0.1	
REP 1144231	QC	2.90	1.61	<0.01	<0.05																	
1144239	Drill Core	3.33	1.30	<0.01	0.62	136.3	3730.7	0.9	30	0.3	8.1	6.2	389	2.09	<0.5	12.3	1.9	61	0.1	0.2	0.3	
REP 1144239	QC																					
REP 1144255	QC																					
1144260	Drill Core	2.72	1.61	<0.01	1.31	489.2	3485.6	2.3	43	1.2	8.1	9.4	418	2.67	1.9	78.2	1.4	110	0.5	0.1	0.4	
REP 1144260	QC					480.6	3460.8	2.1	41	1.1	7.5	9.7	424	2.72	1.7	76.2	1.2	110	0.2	0.2	0.5	
1144266	Drill Core	2.80	1.25	<0.01	2.20	734.8	3716.8	1.7	33	1.8	6.9	6.6	447	1.92	1.3	121.8	1.5	218	0.6	<0.1	0.9	
REP 1144266	QC	2.86	1.25	<0.01	2.23																	
1144291	Drill Core	3.92	0.77	<0.01	1.00	242.1	6163.2	1.2	46	2.9	15.2	10.9	582	3.48	1.0	248.5	0.9	42	0.2	0.2	5.9	
REP 1144291	QC																					
1144295	Drill Core	3.74	0.75	<0.01	1.43	216.4	4531.6	4.1	43	2.2	10.9	7.2	409	2.16	1.7	160.3	1.1	85	0.2	0.8	4.0	

QUALITY CONTROL REPORT

SMI13000361.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
1144185 Drill Core	47	2.15	0.108	7	7	1.34	36	0.005	<20	1.02	0.057	0.21	0.1	0.03	4.9	<0.1	1.19	4	2.5	<0.2	
REP 1144185 QC																					
1144190 Drill Core	54	1.80	0.086	5	10	1.26	140	0.012	<20	0.90	0.061	0.12	<0.1	0.02	6.1	<0.1	1.35	4	3.3	<0.2	
REP 1144190 QC	53	1.77	0.080	6	10	1.24	143	0.012	<20	0.87	0.060	0.12	0.1	0.02	5.7	<0.1	1.33	5	1.8	<0.2	
1144196 Drill Core	86	1.36	0.089	10	16	1.67	80	0.031	<20	1.25	0.067	0.12	0.2	0.01	7.6	<0.1	1.45	7	7.8	<0.2	
REP 1144196 QC																					
1144199 Drill Core	64	1.50	0.092	8	14	1.37	42	0.015	<20	1.23	0.073	0.16	<0.1	<0.01	7.7	<0.1	0.50	6	1.1	<0.2	
REP 1144199 QC																					
1144215 Drill Core	165	2.01	0.112	6	6	2.04	80	0.204	<20	2.02	0.113	0.29	0.4	<0.01	13.5	<0.1	0.47	9	1.6	<0.2	
REP 1144215 QC	167	2.04	0.115	6	5	2.06	81	0.200	<20	2.04	0.116	0.30	0.4	<0.01	13.2	<0.1	0.48	9	1.2	<0.2	
1144219 Dup of 1144218	147	1.99	0.112	5	7	1.99	62	0.123	<20	1.82	0.093	0.12	0.3	<0.01	10.6	<0.1	0.32	9	<0.5	<0.2	
REP 1144219 Dup of																					
1144220 Drill Core	124	2.32	0.110	6	6	2.01	254	0.052	<20	1.98	0.069	0.18	0.2	<0.01	9.1	<0.1	0.36	9	<0.5	<0.2	
REP 1144220 QC																					
1144225 Rock Pulp	52	0.65	0.057	3	28	0.74	92	0.090	<20	1.45	0.082	0.13	0.3	0.03	4.4	<0.1	0.58	5	0.9	<0.2	
REP 1144225 QC	52	0.65	0.057	3	28	0.75	92	0.089	<20	1.45	0.081	0.13	0.2	0.02	3.9	<0.1	0.59	5	1.1	<0.2	
1144231 Rock	12	0.19	0.027	12	7	0.24	68	0.065	<20	0.54	0.071	0.29	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2	
REP 1144231 QC																					
1144239 Drill Core	41	2.11	0.061	4	15	1.35	24	0.002	<20	1.49	0.060	0.17	0.2	<0.01	3.7	<0.1	0.57	5	1.3	0.2	
REP 1144239 QC																					
REP 1144255 QC																					
1144260 Drill Core	71	3.31	0.097	7	17	1.70	65	0.010	<20	1.82	0.060	0.18	1.1	0.02	6.6	<0.1	1.26	7	1.3	0.6	
REP 1144260 QC	72	3.38	0.098	7	17	1.75	66	0.010	<20	1.79	0.060	0.18	0.7	0.03	6.8	<0.1	1.28	7	2.3	0.3	
1144266 Drill Core	39	5.22	0.063	7	16	1.18	78	0.006	<20	1.34	0.039	0.13	0.6	0.04	2.6	<0.1	2.06	5	3.2	0.4	
REP 1144266 QC																					
1144291 Drill Core	103	1.80	0.075	4	49	1.92	85	0.051	<20	2.00	0.076	0.09	0.7	<0.01	6.9	<0.1	0.99	8	3.1	0.5	
REP 1144291 QC																					
1144295 Drill Core	79	2.03	0.063	3	22	1.70	53	0.138	<20	1.53	0.090	0.04	1.3	<0.01	5.5	<0.1	1.42	7	3.2	0.3	

QUALITY CONTROL REPORT

SMI13000361.1

Method	2A Leco	2A Leco	G6	
Analyte	TOT/C	TOT/S	Au	
Unit	%	%	ppm	
MDL	0.02	0.02	0.005	
Pulp Duplicates				
1144185	Drill Core	0.85	1.32	0.196
REP 1144185	QC	0.88	1.27	
1144190	Drill Core	0.64	1.48	0.138
REP 1144190	QC			
1144196	Drill Core	0.42	1.88	0.785
REP 1144196	QC			
1144199	Drill Core	0.48	0.54	0.021
REP 1144199	QC			0.015
1144215	Drill Core	0.41	0.53	0.090
REP 1144215	QC			
1144219 Dup of 1144218	CORE DUP	0.45	0.36	0.098
REP 1144219 Dup of	QC			0.085
1144220	Drill Core	0.58	0.43	0.125
REP 1144220	QC	0.58	0.44	
1144225	Rock Pulp	0.08	0.70	0.564
REP 1144225	QC			
1144231	Rock	<0.02	<0.02	<0.005
REP 1144231	QC			
1144239	Drill Core	0.71	0.72	0.007
REP 1144239	QC			0.010
REP 1144255	QC	0.44	1.29	
1144260	Drill Core	0.59	1.26	0.099
REP 1144260	QC			
1144266	Drill Core	0.93	2.26	0.180
REP 1144266	QC			
1144291	Drill Core	0.39	1.08	0.307
REP 1144291	QC	0.39	1.12	
1144295	Drill Core	0.12	1.55	0.290

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Project: 204920
Report Date: November 19, 2013

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QUALITY CONTROL REPORT

SMI13000361.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
REP 1144295	QC																					
1144301	Drill Core	4.24	0.016	0.330	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.08	<0.02	0.04	<0.001	<0.01	<0.01	1.84	0.05	0.002	0.89	6.38	
REP 1144301	QC		0.016	0.332	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.10	<0.02	0.04	<0.001	<0.01	<0.01	1.84	0.05	0.001	0.90	6.46	
1144326	Drill Core	4.96	0.029	0.279	<0.02	<0.01	<2	<0.001	<0.001	0.10	2.35	<0.02	0.04	<0.001	<0.01	<0.01	5.57	0.06	0.002	1.31	7.07	
REP 1144326	QC																					
1144332	Drill Core	3.31	0.036	0.362	<0.02	<0.01	<2	0.002	<0.001	0.07	4.24	<0.02	0.05	<0.001	<0.01	<0.01	4.26	0.09	0.008	2.50	7.63	
REP 1144332	QC		0.036	0.354	<0.02	<0.01	<2	0.002	<0.001	0.07	4.15	<0.02	0.05	<0.001	<0.01	<0.01	4.17	0.09	0.008	2.44	7.46	
REP 1144274	QC																					
REP 1144314	QC																					
Core Reject Duplicates																						
1144179	Drill Core	4.88	0.031	0.392	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.04	<0.02	0.02	<0.001	<0.01	<0.01	2.02	0.10	0.001	1.50	8.12	
DUP 1144179	QC		0.029	0.366	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.07	<0.02	0.02	<0.001	<0.01	<0.01	2.02	0.10	0.001	1.49	8.15	
1144217	Drill Core	7.18	0.003	0.268	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.07	<0.02	0.04	<0.001	<0.01	<0.01	3.18	0.12	<0.001	2.60	8.76	
DUP 1144217	QC		0.003	0.266	<0.02	<0.01	<2	<0.001	<0.001	0.05	5.10	<0.02	0.04	<0.001	<0.01	<0.01	3.15	0.12	<0.001	2.58	8.77	
1144255	Drill Core	8.17	0.017	0.421	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.25	<0.02	0.04	<0.001	<0.01	<0.01	3.39	0.07	0.002	1.67	7.29	
DUP 1144255	QC		0.019	0.421	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.18	<0.02	0.04	<0.001	<0.01	<0.01	3.26	0.07	0.002	1.70	7.42	
1144293	Drill Core	1.80	0.018	0.103	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.05	<0.02	0.02	<0.001	<0.01	<0.01	1.57	0.06	0.002	1.27	6.43	
DUP 1144293	QC		0.019	0.101	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.95	<0.02	0.02	<0.001	<0.01	<0.01	1.64	0.06	0.002	1.27	6.86	
1144331	Drill Core	3.12	0.021	0.273	<0.02	<0.01	<2	0.001	<0.001	0.04	2.94	<0.02	0.04	<0.001	<0.01	<0.01	3.71	0.08	0.004	1.72	7.39	
DUP 1144331	QC		0.021	0.276	<0.02	<0.01	<2	0.001	<0.001	0.04	2.93	<0.02	0.04	<0.001	<0.01	<0.01	3.73	0.08	0.004	1.73	7.59	
Reference Materials																						
STD CDN-ME-14	Standard		0.001	1.229	0.49	3.07	47	0.002	0.017	0.09	18.12	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.02	0.002	1.29	4.36	
STD CDN-ME-9	Standard		<0.001	0.649	<0.02	0.01	4	0.945	0.017	0.12	13.90	<0.02	0.03	<0.001	<0.01	<0.01	4.14	0.06	0.029	4.11	6.62	
STD CDN-ME-14	Standard		0.001	1.230	0.48	3.08	45	0.002	0.017	0.09	17.80	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	0.002	1.27	4.32	
STD CDN-ME-9	Standard		<0.001	0.644	<0.02	0.01	4	0.932	0.016	0.12	13.65	<0.02	0.03	<0.001	<0.01	<0.01	4.06	0.06	0.028	4.03	6.51	
STD CDN-ME-14	Standard		0.002	1.237	0.49	3.10	46	0.002	0.018	0.09	18.16	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.02	0.002	1.29	4.40	
STD CDN-ME-9	Standard		<0.001	0.642	<0.02	0.01	3	1.024	0.018	0.12	13.74	<0.02	0.03	<0.001	<0.01	<0.01	3.95	0.06	0.026	3.93	6.30	
STD CDN-ME-14	Standard		0.001	1.243	0.48	3.17	46	0.002	0.017	0.09	18.04	<0.02	<0.01	0.010	<0.01	0.01	0.76	0.02	0.001	1.30	4.37	
STD CDN-ME-9	Standard		<0.001	0.647	<0.02	0.01	3	0.908	0.016	0.12	13.51	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.06	0.028	3.92	6.57	



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Project: 204920
 Report Date: November 19, 2013

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
REP 1144295	QC					207.4	4468.3	4.1	43	2.1	10.5	7.4	412	2.14	1.3	229.7	1.1	82	0.1	0.9	4.1
1144301	Drill Core	3.77	1.13	<0.01	0.76	144.8	3279.5	5.1	36	1.9	8.9	4.3	273	1.82	1.0	103.3	1.6	46	0.2	0.7	22.3
REP 1144301	QC	3.79	1.22	<0.01	0.77																
1144326	Drill Core	1.55	1.84	<0.01	2.48	225.5	2595.4	1.9	95	1.2	8.6	5.7	883	1.78	0.9	48.5	1.6	364	0.2	0.5	0.9
REP 1144326	QC																				
1144332	Drill Core	3.11	0.83	<0.01	1.53	316.9	3311.9	1.5	74	1.2	22.8	14.2	561	3.17	2.5	20.1	1.0	113	<0.1	0.5	0.2
REP 1144332	QC	3.06	0.82	<0.01	1.50	316.9	3403.1	1.5	73	1.2	22.6	14.2	570	3.19	2.6	20.3	1.1	112	0.1	0.6	0.2
REP 1144274	QC																				
REP 1144314	QC																				
Core Reject Duplicates																					
1144179	Drill Core	2.34	1.43	<0.01	0.82	263.7	3846.3	1.1	12	0.8	6.0	5.0	195	1.34	1.7	268.3	1.6	61	0.3	0.1	0.3
DUP 1144179	QC	2.35	1.24	<0.01	0.79	243.4	3643.0	1.0	13	0.7	5.5	5.2	201	1.34	2.7	124.8	1.5	58	<0.1	0.2	0.3
1144217	Drill Core	3.70	1.07	<0.01	0.62	28.2	2476.9	0.9	31	1.0	4.4	12.8	373	4.09	2.3	114.5	0.6	44	<0.1	0.3	0.5
DUP 1144217	QC	3.64	1.07	<0.01	0.62	28.6	2477.7	1.0	31	1.0	4.3	13.6	379	4.15	1.6	149.6	0.6	45	<0.1	0.2	0.5
1144255	Drill Core	3.40	0.95	<0.01	1.36	155.6	4064.7	1.3	24	1.5	9.2	8.1	271	2.84	0.6	110.5	1.6	129	0.6	0.1	0.5
DUP 1144255	QC	3.44	0.96	<0.01	1.29	160.9	4194.3	1.6	25	1.5	8.3	8.8	270	2.82	1.4	113.4	1.6	125	0.3	0.1	0.5
1144293	Drill Core	3.96	0.74	<0.01	1.78	189.0	1053.9	0.8	27	0.2	8.6	5.8	322	2.73	2.2	15.0	2.0	53	<0.1	<0.1	0.5
DUP 1144293	QC	3.99	0.75	<0.01	1.70	195.3	1055.9	0.7	27	0.2	8.7	6.1	325	2.77	2.4	26.0	2.0	55	<0.1	<0.1	0.5
1144331	Drill Core	3.86	0.77	<0.01	1.43	186.3	2643.7	1.7	40	1.0	17.6	12.3	379	2.48	1.9	21.9	1.9	112	<0.1	0.4	0.2
DUP 1144331	QC	3.95	0.79	<0.01	1.41	178.5	2602.0	1.7	37	1.0	16.4	11.5	363	2.40	2.0	19.5	1.8	108	<0.1	0.5	0.2
Reference Materials																					
STD CDN-ME-14	Standard	0.53	1.68	<0.01	16.72																
STD CDN-ME-9	Standard	1.81	0.64	<0.01	2.48																
STD CDN-ME-14	Standard	0.52	1.53	<0.01	16.21																
STD CDN-ME-9	Standard	1.79	0.62	<0.01	2.59																
STD CDN-ME-14	Standard	0.53	1.43	<0.01	16.64																
STD CDN-ME-9	Standard	1.75	0.61	<0.01	2.62																
STD CDN-ME-14	Standard	0.53	1.66	<0.01	16.20																
STD CDN-ME-9	Standard	1.78	0.61	<0.01	2.52																

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Project: 204920
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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
REP 1144295	QC	80	2.03	0.064	3	23	1.68	51	0.136	<20	1.50	0.088	0.04	1.3	<0.01	5.9	<0.1	1.41	7	2.9	0.3
1144301	Drill Core	46	1.28	0.043	2	22	0.87	96	0.067	<20	0.85	0.062	0.06	2.4	<0.01	2.3	<0.1	0.76	5	2.7	0.3
REP 1144301	QC																				
1144326	Drill Core	35	5.42	0.054	6	18	1.02	67	<0.001	<20	1.25	0.023	0.17	0.4	0.01	2.2	0.2	2.35	4	1.3	<0.2
REP 1144326	QC																				
1144332	Drill Core	113	3.09	0.080	4	94	2.22	87	0.089	<20	2.01	0.041	0.08	0.8	0.02	8.1	<0.1	1.41	9	1.5	<0.2
REP 1144332	QC	113	3.08	0.083	4	94	2.20	92	0.095	<20	2.07	0.042	0.08	1.0	0.02	8.2	<0.1	1.41	9	1.5	<0.2
REP 1144274	QC																				
REP 1144314	QC																				
Core Reject Duplicates																					
1144179	Drill Core	12	1.91	0.089	10	3	0.86	58	<0.001	<20	0.66	0.041	0.22	0.2	0.02	2.7	<0.1	0.83	2	3.8	<0.2
DUP 1144179	QC	13	1.92	0.087	10	3	0.87	67	<0.001	<20	0.73	0.050	0.26	0.2	0.03	2.9	<0.1	0.79	2	3.9	0.4
1144217	Drill Core	171	1.56	0.107	5	5	2.15	51	0.208	<20	1.85	0.111	0.19	0.5	<0.01	11.2	<0.1	0.56	9	1.1	<0.2
DUP 1144217	QC	172	1.58	0.110	5	5	2.14	52	0.206	<20	1.88	0.116	0.19	0.7	<0.01	11.4	<0.1	0.57	9	1.1	<0.2
1144255	Drill Core	83	2.95	0.068	6	18	1.54	54	0.017	<20	1.50	0.067	0.12	0.2	<0.01	7.2	<0.1	1.32	7	2.5	0.3
DUP 1144255	QC	87	2.85	0.076	6	18	1.59	54	0.019	<20	1.59	0.068	0.12	0.3	<0.01	7.1	<0.1	1.27	7	1.0	0.2
1144293	Drill Core	46	1.46	0.052	3	23	1.22	36	0.031	<20	1.28	0.056	0.08	0.5	<0.01	2.8	<0.1	1.70	6	1.3	<0.2
DUP 1144293	QC	46	1.51	0.052	3	23	1.24	37	0.033	<20	1.30	0.056	0.08	0.5	<0.01	2.9	<0.1	1.72	6	0.9	<0.2
1144331	Drill Core	70	3.31	0.069	6	53	1.59	133	0.016	<20	1.56	0.048	0.08	0.8	0.01	4.9	<0.1	1.34	7	1.7	<0.2
DUP 1144331	QC	69	3.23	0.066	6	49	1.53	133	0.016	<20	1.50	0.045	0.08	0.7	<0.01	4.5	<0.1	1.31	7	1.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				

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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
REP 1144295	QC			
1144301	Drill Core	0.14	0.84	0.121
REP 1144301	QC			
1144326	Drill Core	0.83	2.27	0.041
REP 1144326	QC	0.83	2.30	
1144332	Drill Core	0.50	1.40	0.038
REP 1144332	QC			
REP 1144274	QC			0.099
REP 1144314	QC			0.061
Core Reject Duplicates				
1144179	Drill Core	0.73	0.94	0.108
DUP 1144179	QC	0.81	0.86	0.114
1144217	Drill Core	0.22	0.64	0.161
DUP 1144217	QC	0.21	0.68	0.139
1144255	Drill Core	0.46	1.38	0.136
DUP 1144255	QC	0.42	1.23	0.153
1144293	Drill Core	0.20	1.72	0.026
DUP 1144293	QC	0.20	1.76	0.037
1144331	Drill Core	0.59	1.29	0.027
DUP 1144331	QC	0.59	1.27	0.033
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			



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Project: 204920
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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD CDN-ME-14	Standard		0.001	1.255	0.48	3.13	46	0.002	0.017	0.09	18.39	<0.02	<0.01	0.010	<0.01	<0.01	0.76	0.02	0.001	1.28	4.39
STD CDN-ME-9	Standard		<0.001	0.642	<0.02	<0.01	4	0.918	0.016	0.12	13.74	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.030	4.04	6.55
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				

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QUALITY CONTROL REPORT

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		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-14	Standard	0.52	1.66	<0.01	16.19																	
STD CDN-ME-9	Standard	1.75	0.64	<0.01	2.46																	
STD DS10	Standard					13.6	149.8	147.8	371	1.8	75.1	12.4	881	2.72	46.6	160.9	6.9	66	3.1	7.2	12.1	
STD DS10	Standard					13.4	149.9	150.0	344	2.1	74.6	12.9	871	2.66	44.0	120.1	6.4	54	2.4	6.0	9.7	
STD DS10	Standard					12.3	143.5	149.8	341	2.0	67.6	11.5	846	2.60	47.0	70.3	6.4	62	2.2	7.6	12.2	
STD DS10	Standard					13.9	149.4	129.4	334	1.9	71.1	12.0	818	2.55	41.9	71.7	6.3	60	2.3	6.3	10.0	
STD DS10	Standard					16.1	164.0	161.9	371	2.4	74.7	12.9	892	2.82	49.5	70.9	6.7	64	2.9	7.7	10.3	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.0	631.2	12.2	26	0.2	359.4	47.3	388	20.73	7.9	58.1	8.8	3	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.8	667.5	13.8	28	0.3	385.3	53.8	389	24.29	8.9	49.8	9.8	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.1	662.8	12.9	28	0.3	375.6	48.9	400	21.33	8.1	57.1	9.0	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.3	638.1	12.0	28	0.2	364.1	50.1	374	22.93	9.0	48.4	8.7	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.5	610.3	12.4	28	0.3	345.1	46.0	381	20.07	7.2	39.6	8.8	3	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.5	708.8	13.3	30	0.2	386.2	50.6	409	22.45	10.7	51.4	10.0	4	<0.1	0.2	0.3	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					

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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 19, 2013

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QUALITY CONTROL REPORT

SMI13000361.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD CDN-ME-14	Standard	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-9	Standard																				
STD DS10	Standard	42	1.05	0.080	16	52	0.78	406	0.072	20	0.99	0.065	0.33	3.3	0.29	2.8	4.9	0.28	4	0.5	4.5
STD DS10	Standard	42	1.03	0.070	16	56	0.74	389	0.062	<20	0.98	0.062	0.32	2.7	0.30	2.6	4.9	0.28	4	2.3	4.7
STD DS10	Standard	40	1.01	0.075	15	50	0.75	401	0.066	<20	0.95	0.061	0.31	3.2	0.30	2.5	4.9	0.27	4	1.0	3.3
STD DS10	Standard	39	0.99	0.064	15	52	0.71	416	0.066	<20	0.95	0.059	0.31	2.7	0.30	2.3	4.9	0.26	4	2.1	4.8
STD DS10	Standard	45	1.09	0.079	17	55	0.80	411	0.081	<20	1.05	0.067	0.34	2.8	0.28	2.9	4.9	0.29	5	2.6	5.5
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	303	0.05	0.026	6	778	0.09	133	0.082	<20	2.86	0.015	0.05	<0.1	<0.01	75.3	<0.1	<0.05	11	0.5	<0.2
STD OREAS45EA	Standard	318	0.04	0.028	7	1058	0.08	142	0.076	<20	3.22	0.018	0.05	<0.1	<0.01	73.7	<0.1	<0.05	12	0.6	<0.2
STD OREAS45EA	Standard	313	0.04	0.029	6	811	0.09	137	0.083	<20	2.96	0.016	0.05	<0.1	0.03	79.6	<0.1	<0.05	12	<0.5	<0.2
STD OREAS45EA	Standard	305	0.04	0.027	6	912	0.09	146	0.081	<20	3.07	0.015	0.05	<0.1	<0.01	71.8	<0.1	<0.05	12	0.6	<0.2
STD OREAS45EA	Standard	296	0.04	0.025	6	765	0.09	135	0.081	<20	2.75	0.016	0.05	<0.1	<0.01	74.8	<0.1	<0.05	12	<0.5	0.2
STD OREAS45EA	Standard	309	0.04	0.029	6	885	0.08	145	0.083	<20	3.29	0.022	0.06	<0.1	<0.01	78.3	<0.1	<0.05	12	1.0	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				

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Project: 204920
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QUALITY CONTROL REPORT

SMI13000361.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.97	2.52	
STD GS311-1	Standard	0.97	2.33	
STD GS311-1	Standard	1.00	2.48	
STD GS311-1	Standard	0.98	2.47	
STD GS311-1	Standard	0.94	2.22	
STD GS910-4	Standard	2.66	8.39	
STD GS910-4	Standard	2.71	8.51	
STD GS910-4	Standard	2.68	8.04	
STD GS910-4	Standard	2.63	7.84	
STD GS910-4	Standard	2.65	8.00	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.198
STD OXC109	Standard			0.204
STD OXC109	Standard			0.211
STD OXC109	Standard			0.190
STD OXI96	Standard			1.818
STD OXI96	Standard			1.845



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QUALITY CONTROL REPORT

SMI13000361.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected				1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected				0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																					
BLK	Blank																					
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Project: 204920
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QUALITY CONTROL REPORT

SMI13000361.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.6	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank					<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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Project: 204920
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QUALITY CONTROL REPORT

SMI13000361.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	1.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXI96	Standard			1.823
STD OXI96	Standard			1.787
STD OXL93	Standard			5.652
STD OXL93	Standard			5.953
STD OXL93	Standard			5.900
STD OXL93	Standard			5.718
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005



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QUALITY CONTROL REPORT

SMI13000361.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.37	<0.02	0.07	<0.001	<0.01	<0.01	2.29	0.08	0.002	0.70	7.28	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.34	<0.02	0.07	<0.001	<0.01	<0.01	2.22	0.08	0.002	0.68	7.08	



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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.55	1.82	<0.01	<0.05	0.2	3.0	2.8	46	<0.1	3.3	3.8	560	2.03	0.6	1.5	4.4	58	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.46	1.95	<0.01	<0.05	0.2	2.2	2.8	44	<0.1	4.2	3.8	531	1.95	<0.5	2.3	4.6	58	<0.1	<0.1	<0.1	



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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 19, 2013

Page: 5 of 5

Part: 3 of 4

QUALITY CONTROL REPORT

SMI13000361.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	34	0.51	0.077	9	9	0.62	235	0.115	<20	0.98	0.087	0.50	<0.1	0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	33	0.53	0.068	9	9	0.58	222	0.111	<20	0.93	0.085	0.46	<0.1	0.02	1.9	0.3	<0.05	5	<0.5	<0.2



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Client: Teck Resources Limited
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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 19, 2013

Page: 5 of 5

Part: 4 of 4

QUALITY CONTROL REPORT

SMI13000361.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.06	<0.02	<0.005
G1-SMI	Prep Blank	0.06	<0.02	<0.005



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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 23, 2014
Report Date: February 20, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI13000361R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_012
P.O. Number
Number of Samples: 28

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	28	lead collection fire-assay fusion -AAS finish	30	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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:



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



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: February 20, 2014

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000361R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
1144305	Drill Core	0.055
1144306	Drill Core	0.096
1144307	Drill Core	0.059
1144308	Drill Core	0.092
1144309	Drill Core	0.087
1144310	Drill Core	0.093
1144311	Rock	<0.005
1144312	Drill Core	0.035
1144313	Drill Core	0.021
1144314	Drill Core	0.024
1144315	Drill Core	0.037
1144316	Drill Core	0.038
1144317	Drill Core	0.103
1144318 Dup of 1144317	CORE DUP	0.089
1144319	Drill Core	0.066
1144320	Drill Core	0.029
1144321	Drill Core	0.157
1144322	Drill Core	0.038
1144323	Drill Core	0.023
1144324	Rock Pulp	0.343
1144325	Drill Core	0.104
1144326	Drill Core	0.036
1144327	Drill Core	0.057
1144328	Rock	<0.005
1144329	Drill Core	0.036
1144330	Drill Core	0.070
1144331	Drill Core	0.034
1144332	Drill Core	0.030



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 20, 2014

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000361R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
Pulp Duplicates		
1144324	Rock Pulp	0.343
REP 1144324	QC	0.304
1144332	Drill Core	0.030
REP 1144332	QC	0.030
Reference Materials		
STD OXC109	Standard	0.190
STD OXI96	Standard	1.784
STD OXL93	Standard	5.734
STD OXC109 Expected		0.201
STD OXI96 Expected		1.802
STD OXL93 Expected		5.841
BLK	Blank	<0.005
BLK	Blank	<0.005



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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: October 07, 2013
Report Date: November 12, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS

SMI13000362.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_009
P.O. Number
Number of Samples: 88

SAMPLE DISPOSAL

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

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

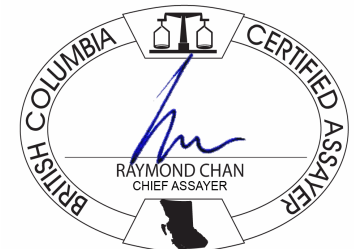
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	84	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	4	Split samples by riffle splitter			SMI
P200	4	Pulverize to 85% passing 200 mesh			VAN
7TD2	88	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	88	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	88	Analysis by Leco	0.1	Completed	VAN
G6	88	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144089	Rock	3.99	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.49	<0.02	0.05	<0.001	<0.01	<0.01	1.52	0.03	<0.001	0.24	6.99
1144090	Drill Core	7.68	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.35	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.13	<0.001	0.93	8.10
1144091	Drill Core	7.44	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.01	<0.02	0.03	<0.001	<0.01	<0.01	2.26	0.12	<0.001	0.84	8.30
1144092	Drill Core	3.46	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.40	<0.02	0.03	<0.001	<0.01	<0.01	2.68	0.12	<0.001	0.97	7.79
1144093	Drill Core	3.10	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.34	<0.02	0.03	<0.001	<0.01	<0.01	2.71	0.12	<0.001	0.98	8.05
1144094	Drill Core	8.90	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.35	<0.02	0.02	<0.001	<0.01	<0.01	2.35	0.12	<0.001	1.30	7.57
1144095	Drill Core	8.31	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.64	<0.02	0.03	<0.001	<0.01	<0.01	2.69	0.12	<0.001	1.04	7.57
1144096	Drill Core	7.59	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.39	<0.02	0.03	<0.001	<0.01	<0.01	2.65	0.11	<0.001	0.88	7.45
1144097 Dup of 1144096	CORE DUP		<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.42	<0.02	0.03	<0.001	<0.01	<0.01	2.67	0.12	<0.001	0.89	7.72
1144098	Drill Core	6.18	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.53	<0.02	0.03	<0.001	<0.01	<0.01	2.28	0.12	<0.001	0.76	7.26
1144099	Drill Core	7.21	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.001	0.03	3.16	<0.02	0.02	<0.001	<0.01	<0.01	2.90	0.12	<0.001	1.05	6.95
1144100	Drill Core	7.46	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.80	<0.02	0.02	<0.001	<0.01	<0.01	2.89	0.12	<0.001	0.84	6.09
1144101	Drill Core	6.17	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.11	<0.02	0.03	<0.001	<0.01	<0.01	4.08	0.12	<0.001	1.10	6.95
1144102	Drill Core	7.26	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.55	<0.02	0.03	<0.001	<0.01	<0.01	2.35	0.13	<0.001	1.11	7.80
1144103	Drill Core	5.33	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.41	<0.02	0.04	<0.001	<0.01	<0.01	2.54	0.13	<0.001	1.11	7.64
1144104	Rock Pulp	0.14	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.21	<0.02	0.05	<0.001	<0.01	<0.01	1.89	0.06	<0.001	0.55	7.15
1144105	Drill Core	8.36	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.001	0.03	3.11	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.12	<0.001	1.06	6.48
1144106	Drill Core	7.20	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.15	<0.02	0.03	<0.001	<0.01	<0.01	2.18	0.13	<0.001	1.07	7.77
1144107	Drill Core	8.30	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.77	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.12	<0.001	1.18	8.32
1144108	Rock	5.22	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.52	<0.02	0.05	<0.001	<0.01	<0.01	1.56	0.03	<0.001	0.25	6.87
1144109	Drill Core	4.37	<0.001	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.46	<0.02	0.03	<0.001	<0.01	<0.01	2.17	0.11	<0.001	1.00	7.13
1144110	Drill Core	7.99	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.61	<0.02	0.02	<0.001	<0.01	<0.01	2.10	0.13	<0.001	0.95	8.05
1144111	Drill Core	8.73	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.79	<0.02	0.02	<0.001	<0.01	<0.01	2.45	0.11	<0.001	0.99	7.17
1144112	Drill Core	3.53	0.001	0.040	<0.02	<0.01	<2	<0.001	0.001	0.02	2.88	<0.02	0.02	<0.001	<0.01	<0.01	2.16	0.13	<0.001	0.68	8.37
1144113	Drill Core	3.38	0.002	0.047	<0.02	<0.01	<2	<0.001	0.001	0.02	2.91	<0.02	0.02	<0.001	<0.01	<0.01	2.24	0.12	<0.001	0.68	6.66
1144114	Drill Core	6.99	0.001	0.033	<0.02	<0.01	<2	<0.001	0.001	0.02	3.11	<0.02	0.03	<0.001	<0.01	<0.01	2.39	0.12	<0.001	0.92	7.23
1144115	Drill Core	5.20	0.001	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.24	<0.02	0.03	<0.001	<0.01	<0.01	1.94	0.11	<0.001	0.92	7.04
1144116	Drill Core	8.60	0.002	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.52	<0.02	0.03	<0.001	<0.01	<0.01	2.03	0.12	<0.001	0.98	7.53
1144117 Dup of 1144116	CORE DUP		0.002	0.020	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.61	<0.02	0.03	<0.001	<0.01	<0.01	2.07	0.12	<0.001	0.99	7.77
1144118	Drill Core	4.23	0.002	0.021	<0.02	<0.01	<2	<0.001	0.001	0.02	4.36	<0.02	0.04	<0.001	<0.01	<0.01	2.28	0.12	<0.001	0.92	8.16

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144089	Rock	2.95	2.19	<0.01	<0.05	0.4	11.5	1.8	47	<0.1	1.0	2.2	287	1.39	<0.5	<0.5	6.3	27	<0.1	<0.1	<0.1
1144090	Drill Core	3.74	1.56	<0.01	1.85	2.6	125.8	1.9	23	<0.1	2.2	14.3	190	3.03	2.7	7.4	0.8	54	<0.1	0.1	0.3
1144091	Drill Core	3.93	1.56	<0.01	1.59	3.5	166.6	1.9	22	<0.1	2.3	12.0	155	2.67	2.0	5.9	0.8	41	<0.1	0.1	0.2
1144092	Drill Core	3.85	1.30	<0.01	1.34	1.7	166.5	1.9	21	<0.1	1.7	8.9	162	2.96	2.2	6.3	0.9	43	<0.1	<0.1	0.2
1144093	Drill Core	3.75	1.34	<0.01	1.23	1.9	185.3	2.0	22	<0.1	1.9	8.3	171	3.08	2.2	7.7	0.9	57	<0.1	<0.1	0.2
1144094	Drill Core	3.35	1.61	<0.01	1.27	3.9	398.8	2.6	27	0.2	2.9	11.9	170	3.06	2.8	15.8	0.8	45	<0.1	<0.1	0.2
1144095	Drill Core	3.41	1.47	<0.01	1.66	3.4	217.0	3.0	24	0.1	2.2	12.5	188	3.46	2.3	16.0	0.8	69	<0.1	<0.1	0.2
1144096	Drill Core	3.09	1.67	<0.01	1.96	2.4	118.1	4.4	21	0.1	1.9	9.7	182	3.13	1.4	6.5	0.8	61	<0.1	<0.1	0.2
1144097 Dup of 1144096	CORE DUP	3.09	1.68	<0.01	1.99	2.4	119.5	3.9	22	<0.1	2.1	9.8	183	3.14	1.8	9.6	0.8	57	<0.1	<0.1	0.2
1144098	Drill Core	3.60	1.75	<0.01	1.46	1.6	193.2	3.2	19	0.1	1.9	8.5	165	2.34	1.2	6.9	0.9	46	<0.1	<0.1	0.2
1144099	Drill Core	2.24	2.09	<0.01	1.85	7.1	52.2	3.5	22	0.2	1.8	15.3	270	2.70	2.5	5.2	0.8	75	<0.1	<0.1	0.6
1144100	Drill Core	3.07	1.94	<0.01	1.81	4.8	92.4	3.6	18	0.1	2.3	13.2	241	2.50	2.7	3.0	0.9	87	<0.1	0.1	0.2
1144101	Drill Core	2.15	2.26	<0.01	1.71	3.3	115.8	2.1	24	<0.1	2.8	9.0	287	2.60	2.3	6.7	0.9	184	<0.1	<0.1	0.1
1144102	Drill Core	3.29	1.74	<0.01	1.05	1.9	89.1	1.8	29	<0.1	1.6	6.9	199	3.09	1.9	4.7	1.0	85	<0.1	<0.1	<0.1
1144103	Drill Core	3.72	1.52	<0.01	0.75	1.7	66.8	1.4	27	<0.1	1.7	8.1	207	2.87	2.1	2.6	1.1	72	<0.1	<0.1	<0.1
1144104	Rock Pulp	3.09	2.03	<0.01	0.20	11.3	176.6	12.4	46	0.1	7.4	5.7	225	1.89	2.2	<0.5	3.6	48	0.1	<0.1	0.2
1144105	Drill Core	3.35	1.70	<0.01	2.06	5.3	167.4	3.2	24	0.2	2.2	15.0	278	2.87	1.9	13.9	0.8	105	<0.1	<0.1	0.3
1144106	Drill Core	3.50	1.65	<0.01	1.32	5.1	131.0	2.3	31	0.1	1.8	12.2	198	2.76	2.4	9.0	1.0	56	<0.1	0.1	0.2
1144107	Drill Core	3.34	1.62	<0.01	0.97	2.2	108.2	2.3	31	<0.1	2.2	10.4	213	3.27	2.5	7.7	1.0	94	<0.1	<0.1	0.1
1144108	Rock	2.96	2.15	<0.01	<0.05	0.4	9.5	2.0	52	<0.1	1.5	2.5	314	1.48	<0.5	<0.5	6.8	25	<0.1	<0.1	<0.1
1144109	Drill Core	3.08	1.78	<0.01	1.60	3.4	138.8	2.8	26	0.1	1.7	8.1	171	3.13	1.9	12.9	1.0	49	<0.1	<0.1	0.1
1144110	Drill Core	2.62	2.18	<0.01	0.80	4.3	169.5	2.0	26	<0.1	1.9	8.0	169	2.22	1.6	5.4	1.1	68	<0.1	<0.1	<0.1
1144111	Drill Core	2.65	1.86	<0.01	1.16	9.8	364.7	2.3	31	0.1	2.3	11.3	208	2.60	2.0	10.5	1.0	111	<0.1	<0.1	0.2
1144112	Drill Core	3.32	2.04	<0.01	2.05	16.4	411.1	2.8	16	0.2	2.0	17.7	150	2.54	2.0	16.4	0.9	69	<0.1	<0.1	0.2
1144113	Drill Core	3.10	2.15	<0.01	2.17	23.9	510.0	2.9	18	0.2	2.4	19.0	178	2.76	2.1	18.9	0.9	84	<0.1	<0.1	0.2
1144114	Drill Core	2.32	2.41	<0.01	2.05	17.3	350.4	3.6	22	0.3	2.4	16.4	202	2.85	1.5	14.1	0.8	133	<0.1	<0.1	0.4
1144115	Drill Core	3.35	1.82	<0.01	2.27	18.2	314.4	3.8	30	0.2	2.7	12.0	214	3.12	2.1	22.3	1.0	149	<0.1	<0.1	0.3
1144116	Drill Core	3.93	1.47	<0.01	1.55	22.2	223.1	3.0	46	0.1	2.2	11.8	227	3.38	2.2	14.6	1.1	46	<0.1	<0.1	0.2
1144117 Dup of 1144116	CORE DUP	3.95	1.48	<0.01	1.61	23.1	219.2	3.4	44	<0.1	2.2	12.0	222	3.36	2.1	11.1	1.0	45	<0.1	0.1	0.2
1144118	Drill Core	3.93	1.69	<0.01	3.53	21.1	241.6	8.8	30	0.2	2.2	19.1	214	4.15	1.7	17.6	0.9	120	<0.1	0.1	0.3

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
1144089	Rock	13	0.19	0.028	12	7	0.24	77	0.067	<20	0.57	0.087	0.31	<0.1	<0.01	1.7	0.2	<0.05	3	<0.5	<0.2
1144090	Drill Core	23	1.91	0.115	5	3	0.80	58	0.006	<20	1.29	0.070	0.21	0.9	<0.01	2.6	<0.1	1.77	5	1.4	<0.2
1144091	Drill Core	20	1.74	0.110	5	4	0.68	61	0.004	<20	1.18	0.069	0.21	0.2	<0.01	2.3	<0.1	1.51	4	1.5	<0.2
1144092	Drill Core	26	1.87	0.113	6	3	0.85	106	0.014	<20	1.31	0.075	0.21	0.2	<0.01	2.9	<0.1	1.28	6	1.2	<0.2
1144093	Drill Core	26	2.06	0.111	6	4	0.88	176	0.013	<20	1.36	0.071	0.21	0.1	<0.01	3.2	<0.1	1.26	6	0.9	<0.2
1144094	Drill Core	37	1.97	0.114	6	6	1.15	57	0.010	<20	1.60	0.062	0.22	0.2	<0.01	3.6	<0.1	1.21	7	1.0	<0.2
1144095	Drill Core	31	2.06	0.112	6	4	0.96	133	0.022	<20	1.48	0.078	0.25	5.4	<0.01	3.3	<0.1	1.69	6	0.7	<0.2
1144096	Drill Core	23	2.09	0.113	6	4	0.75	113	0.011	<20	1.25	0.070	0.27	0.2	<0.01	2.6	<0.1	1.99	4	2.6	<0.2
1144097 Dup of 1144096	CORE DUP	23	2.11	0.101	5	3	0.76	102	0.011	<20	1.28	0.071	0.27	0.3	<0.01	2.5	<0.1	1.93	4	2.1	<0.2
1144098	Drill Core	16	1.90	0.117	5	3	0.62	53	0.002	<20	1.06	0.070	0.22	0.2	<0.01	1.9	<0.1	1.48	4	1.8	<0.2
1144099	Drill Core	9	2.74	0.117	5	2	0.78	124	0.001	<20	0.86	0.045	0.27	0.2	<0.01	1.6	<0.1	1.87	3	2.6	<0.2
1144100	Drill Core	8	2.69	0.118	5	2	0.74	107	<0.001	<20	0.70	0.057	0.25	0.2	<0.01	1.9	<0.1	1.79	2	1.4	<0.2
1144101	Drill Core	12	3.81	0.117	6	4	0.94	143	0.001	<20	1.02	0.040	0.26	0.2	<0.01	2.3	<0.1	1.69	3	1.0	<0.2
1144102	Drill Core	22	1.76	0.116	7	1	0.98	250	0.010	<20	1.36	0.072	0.22	0.5	<0.01	2.7	<0.1	1.08	5	0.5	<0.2
1144103	Drill Core	25	1.75	0.126	8	4	0.97	213	0.010	<20	1.34	0.082	0.20	0.1	<0.01	2.6	<0.1	0.74	6	0.9	<0.2
1144104	Rock Pulp	27	0.88	0.057	11	12	0.45	35	0.020	<20	0.79	0.069	0.15	0.6	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
1144105	Drill Core	18	2.47	0.104	5	3	0.92	34	0.005	<20	1.09	0.082	0.27	0.2	<0.01	2.1	<0.1	2.07	4	3.2	0.2
1144106	Drill Core	24	1.73	0.112	6	3	0.91	136	0.011	<20	1.31	0.073	0.23	0.1	<0.01	2.6	<0.1	1.35	5	1.5	<0.2
1144107	Drill Core	28	1.97	0.118	9	4	1.04	205	0.011	<20	1.54	0.074	0.25	0.1	<0.01	3.0	<0.1	0.97	6	1.3	<0.2
1144108	Rock	14	0.20	0.030	13	8	0.26	75	0.074	<20	0.58	0.083	0.31	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1144109	Drill Core	20	1.70	0.111	7	4	0.90	95	0.005	<20	1.18	0.072	0.24	0.1	<0.01	2.3	<0.1	1.65	4	2.0	0.2
1144110	Drill Core	13	2.02	0.127	8	2	0.76	157	0.001	<20	1.21	0.062	0.31	0.1	<0.01	1.8	<0.1	0.82	3	0.9	<0.2
1144111	Drill Core	15	2.34	0.112	6	2	0.89	213	0.003	<20	1.26	0.061	0.27	0.2	<0.01	2.5	0.1	1.22	4	1.1	<0.2
1144112	Drill Core	8	2.03	0.121	5	2	0.49	89	<0.001	<20	0.80	0.059	0.24	0.2	<0.01	1.8	<0.1	2.04	2	2.4	0.2
1144113	Drill Core	10	2.31	0.123	5	2	0.58	97	0.001	<20	0.97	0.077	0.31	0.2	<0.01	2.0	<0.1	2.23	2	2.9	<0.2
1144114	Drill Core	9	2.40	0.115	4	2	0.73	65	0.001	<20	1.01	0.052	0.29	0.2	<0.01	1.7	<0.1	2.08	2	2.3	<0.2
1144115	Drill Core	17	2.01	0.107	5	3	0.81	97	0.002	<20	1.14	0.072	0.25	0.1	<0.01	2.4	<0.1	2.32	4	1.1	<0.2
1144116	Drill Core	29	1.69	0.122	7	4	0.95	89	0.010	<20	1.41	0.106	0.25	0.5	<0.01	3.0	<0.1	1.62	6	2.2	<0.2
1144117 Dup of 1144116	CORE DUP	28	1.66	0.116	6	3	0.94	89	0.010	<20	1.38	0.101	0.24	0.4	<0.01	2.9	<0.1	1.61	6	1.6	<0.2
1144118	Drill Core	18	2.13	0.122	5	3	0.74	23	0.008	<20	1.00	0.082	0.23	0.4	<0.01	2.0	<0.1	3.68	5	2.8	<0.2

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Project: 204920

Report Date: November 12, 2013

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144089	Rock	<0.02	<0.02	<0.005
1144090	Drill Core	0.49	1.75	0.010
1144091	Drill Core	0.45	1.44	0.011
1144092	Drill Core	0.47	1.28	0.009
1144093	Drill Core	0.52	1.18	0.011
1144094	Drill Core	0.51	1.20	0.014
1144095	Drill Core	0.51	1.59	0.015
1144096	Drill Core	0.51	1.95	0.009
1144097 Dup of 1144096	CORE DUP	0.54	1.89	0.011
1144098	Drill Core	0.51	1.44	0.009
1144099	Drill Core	1.12	1.81	0.006
1144100	Drill Core	1.17	1.81	0.007
1144101	Drill Core	1.35	1.70	0.009
1144102	Drill Core	0.50	1.05	0.006
1144103	Drill Core	0.47	0.75	<0.005
1144104	Rock Pulp	0.19	0.21	<0.005
1144105	Drill Core	0.90	2.07	0.017
1144106	Drill Core	0.45	1.25	0.011
1144107	Drill Core	0.54	0.96	0.008
1144108	Rock	0.02	<0.02	<0.005
1144109	Drill Core	0.55	1.65	0.011
1144110	Drill Core	0.73	0.86	0.007
1144111	Drill Core	0.85	1.25	0.018
1144112	Drill Core	0.66	2.14	0.024
1144113	Drill Core	0.84	2.22	0.023
1144114	Drill Core	0.90	2.17	0.018
1144115	Drill Core	0.63	2.24	0.020
1144116	Drill Core	0.41	1.56	0.015
1144117 Dup of 1144116	CORE DUP	0.43	1.68	0.015
1144118	Drill Core	0.59	3.54	0.027



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Project: 204920

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	Method Analyte Unit MDL	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
1144119	Drill Core	5.97	<0.001	0.058	<0.02	<0.01	<2	<0.001	0.001	0.02	3.44	<0.02	0.03	<0.001	<0.01	<0.01	1.79	0.12	<0.001	0.88	7.57
1144120	Drill Core	7.89	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.17	<0.02	0.03	<0.001	<0.01	<0.01	2.01	0.09	<0.001	1.00	6.67
1144121	Drill Core	9.49	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.45	<0.02	0.04	<0.001	<0.01	<0.01	2.02	0.09	0.001	1.19	6.69
1144122	Drill Core	9.07	<0.001	0.043	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.58	<0.02	0.04	<0.001	<0.01	<0.01	2.53	0.12	0.001	1.05	8.68
1144123	Drill Core	7.94	<0.001	0.023	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.48	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.12	<0.001	1.09	8.80
1144124	Drill Core	7.96	<0.001	0.059	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.19	<0.02	0.03	<0.001	<0.01	<0.01	2.87	0.12	0.002	1.14	8.77
1144125	Rock Pulp	0.12	0.003	0.072	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.49	<0.02	0.06	<0.001	<0.01	<0.01	2.30	0.07	0.003	0.69	8.01
1144126	Drill Core	8.54	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.05	<0.02	0.04	<0.001	<0.01	<0.01	3.12	0.12	0.002	1.10	8.38
1144127	Drill Core	10.02	0.001	0.066	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.48	<0.02	0.03	<0.001	<0.01	<0.01	3.73	0.12	0.002	1.62	8.24
1144128	Drill Core	5.71	<0.001	0.055	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.39	<0.02	0.02	<0.001	<0.01	<0.01	2.44	0.12	0.002	1.01	8.53
1144129	Rock	5.05	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.58	<0.02	0.06	<0.001	<0.01	<0.01	1.64	0.03	0.002	0.26	6.85
1144130	Drill Core	9.77	<0.001	0.037	<0.02	<0.01	<2	0.001	0.001	0.02	4.22	<0.02	0.02	<0.001	<0.01	<0.01	2.46	0.12	0.002	1.73	7.65
1144131	Drill Core	3.70	0.001	0.026	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.50	<0.02	0.03	<0.001	<0.01	<0.01	2.71	0.11	0.001	1.00	8.09
1144132	Drill Core	3.53	0.002	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.43	<0.02	0.03	<0.001	<0.01	<0.01	2.75	0.12	0.002	0.99	7.64
1144133	Drill Core	7.55	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.11	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.12	0.001	0.94	8.10
1144134	Drill Core	8.44	<0.001	0.028	<0.02	<0.01	<2	0.001	<0.001	0.04	4.81	<0.02	0.03	<0.001	<0.01	<0.01	3.71	0.12	0.002	1.87	8.01
1144135	Drill Core	8.26	<0.001	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.86	<0.02	0.04	<0.001	<0.01	<0.01	2.59	0.12	0.001	0.94	7.98
1144136	Drill Core	7.45	0.001	0.073	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.90	<0.02	0.03	<0.001	<0.01	<0.01	2.58	0.10	0.001	0.99	7.72
1144137 Dup of 1144136	CORE DUP		0.001	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.97	<0.02	0.04	<0.001	<0.01	<0.01	2.57	0.10	0.001	1.01	7.66
1144138	Drill Core	8.19	0.008	0.297	<0.02	<0.01	<2	<0.001	0.001	0.02	3.22	<0.02	0.03	<0.001	<0.01	<0.01	2.28	0.10	0.001	0.88	7.78
1144139	Drill Core	7.88	0.008	0.241	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.44	<0.02	0.03	<0.001	<0.01	<0.01	2.72	0.10	0.001	0.90	6.64
1144140	Drill Core	7.71	0.006	0.317	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.58	<0.02	0.03	<0.001	<0.01	<0.01	2.59	0.10	0.001	0.95	7.16
1144141	Drill Core	8.49	0.002	0.124	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.59	<0.02	0.02	<0.001	<0.01	<0.01	2.87	0.06	0.002	1.09	6.44
1144142	Drill Core	8.64	0.002	0.199	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.25	<0.02	0.02	<0.001	<0.01	<0.01	2.00	0.06	0.002	0.73	6.99
1144143	Drill Core	8.21	0.003	0.182	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.53	<0.02	0.03	<0.001	<0.01	<0.01	2.65	0.11	<0.001	0.81	7.47
1144144	Drill Core	7.92	0.008	0.401	<0.02	<0.01	<2	<0.001	0.002	0.02	3.11	<0.02	0.02	<0.001	<0.01	<0.01	1.82	0.06	0.002	0.92	6.95
1144145	Rock Pulp	0.15	0.023	0.437	<0.02	<0.01	<2	0.004	<0.001	0.07	4.64	<0.02	0.03	<0.001	<0.01	<0.01	2.60	0.06	0.006	1.34	5.97
1144146	Drill Core	8.51	0.002	0.100	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.91	<0.02	0.05	<0.001	<0.01	<0.01	5.50	0.05	0.002	1.39	6.48
1144147	Drill Core	8.02	0.003	0.203	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.14	<0.02	0.02	<0.001	<0.01	<0.01	1.78	0.06	0.002	0.78	6.24
1144148	Drill Core	8.59	0.002	0.170	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.20	<0.02	0.02	<0.001	<0.01	<0.01	2.67	0.06	0.002	0.90	6.42

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Project: 204920

Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

SMI13000362.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144119	Drill Core	3.89	1.72	<0.01	2.41	10.4	617.7	11.3	31	0.2	2.8	14.2	181	3.24	3.9	28.4	1.1	51	<0.1	0.1	0.3
1144120	Drill Core	3.65	1.57	<0.01	1.82	6.4	209.6	7.7	42	0.1	4.4	10.5	234	2.98	2.3	26.3	1.7	101	<0.1	<0.1	0.2
1144121	Drill Core	3.62	1.50	<0.01	1.70	13.7	352.2	2.2	50	<0.1	4.5	11.0	269	3.27	2.4	14.3	1.2	121	<0.1	<0.1	0.2
1144122	Drill Core	3.81	1.35	<0.01	1.25	11.3	448.6	2.0	42	0.1	2.5	9.1	253	2.99	2.4	22.3	1.0	101	<0.1	0.1	0.2
1144123	Drill Core	3.62	1.12	<0.01	1.33	7.5	246.0	2.8	43	0.1	2.0	11.0	240	2.93	2.3	12.5	0.9	76	<0.1	0.1	0.1
1144124	Drill Core	3.29	1.32	<0.01	1.85	14.5	612.2	4.3	32	0.2	3.3	14.7	218	2.72	2.9	30.7	0.9	104	<0.1	<0.1	0.2
1144125	Rock Pulp	3.24	1.21	<0.01	0.26	41.9	749.6	23.0	52	0.5	8.8	9.1	245	2.26	3.5	<0.5	3.3	57	0.2	0.1	0.3
1144126	Drill Core	3.28	1.11	<0.01	1.41	10.9	279.4	3.2	24	0.1	2.6	11.7	210	2.65	3.2	16.7	0.9	62	<0.1	0.2	0.2
1144127	Drill Core	2.76	1.08	<0.01	1.53	20.5	688.6	3.1	32	0.2	10.1	15.4	381	3.82	2.9	19.7	0.8	118	<0.1	0.2	0.1
1144128	Drill Core	2.74	1.34	<0.01	2.35	4.4	604.9	4.1	15	0.2	4.2	14.4	196	3.01	3.1	14.5	0.9	48	<0.1	0.1	0.3
1144129	Rock	2.96	1.25	<0.01	<0.05	0.5	12.1	1.7	57	<0.1	1.3	2.7	333	1.50	0.6	1.5	6.5	26	<0.1	<0.1	<0.1
1144130	Drill Core	2.90	1.18	<0.01	3.12	10.8	413.9	7.1	23	0.3	12.5	21.5	227	3.80	5.0	12.2	0.7	42	<0.1	0.1	0.4
1144131	Drill Core	3.29	1.08	<0.01	2.20	19.6	306.4	3.5	31	0.3	1.9	11.3	274	3.22	4.7	18.8	0.9	40	<0.1	0.1	0.8
1144132	Drill Core	3.40	1.18	<0.01	2.14	24.0	317.5	3.5	30	0.3	1.9	11.4	273	3.18	5.0	15.6	0.9	39	<0.1	0.1	0.9
1144133	Drill Core	3.03	1.26	<0.01	1.66	16.8	208.7	3.0	24	0.2	2.1	9.6	229	2.83	2.8	16.7	0.9	37	<0.1	0.1	0.5
1144134	Drill Core	2.82	1.07	<0.01	1.74	14.6	290.8	2.8	34	0.2	15.2	16.8	414	4.32	3.2	19.8	0.7	86	<0.1	0.2	0.2
1144135	Drill Core	3.83	1.11	<0.01	0.99	6.5	389.8	2.5	22	0.2	2.5	9.9	175	2.65	2.4	22.8	1.1	54	<0.1	0.1	<0.1
1144136	Drill Core	3.50	1.06	<0.01	1.45	17.7	787.0	2.8	29	0.3	3.9	10.3	210	3.56	3.2	58.6	1.0	58	<0.1	0.2	0.2
1144137 Dup of 1144136	CORE DUP	3.49	1.10	<0.01	1.44	19.8	793.0	2.8	30	0.4	3.4	10.5	212	3.61	3.2	60.4	1.1	58	0.1	0.1	0.2
1144138	Drill Core	3.65	1.12	<0.01	1.86	80.8	3198.2	3.0	26	0.8	3.7	17.9	163	2.94	1.9	79.9	1.0	49	<0.1	0.2	0.3
1144139	Drill Core	3.48	1.16	<0.01	1.07	86.8	2649.4	2.1	34	0.6	3.2	13.3	212	3.21	3.0	60.4	1.0	91	0.1	0.2	0.2
1144140	Drill Core	2.91	1.13	<0.01	1.98	54.5	3333.7	2.7	27	0.7	2.9	14.9	196	3.27	2.0	76.9	0.9	82	0.2	0.2	0.2
1144141	Drill Core	2.74	1.15	<0.01	1.40	23.7	1342.8	2.6	32	0.4	8.9	11.1	259	2.38	0.9	22.1	2.4	106	<0.1	0.2	0.3
1144142	Drill Core	2.96	0.98	<0.01	1.10	27.7	2231.5	3.3	29	0.7	7.8	13.6	182	2.04	1.8	35.1	2.9	50	<0.1	0.2	0.6
1144143	Drill Core	3.34	1.16	<0.01	1.23	36.9	2024.9	2.6	20	0.7	2.6	12.9	251	2.30	3.4	173.3	1.1	75	<0.1	0.2	0.3
1144144	Drill Core	2.88	1.13	<0.01	2.38	81.1	4403.2	8.2	19	1.5	8.9	22.6	236	2.95	3.2	48.8	2.3	73	0.2	0.4	3.8
1144145	Rock Pulp	2.27	0.89	<0.01	0.58	235.4	4720.9	3.9	46	0.7	30.8	10.4	474	3.50	5.6	234.5	0.8	34	0.4	0.5	0.1
1144146	Drill Core	2.72	1.47	<0.01	2.83	22.6	1059.2	2.5	27	0.3	8.3	13.7	386	2.56	1.2	46.0	1.9	326	0.1	0.1	0.2
1144147	Drill Core	3.09	1.07	<0.01	0.86	35.4	2149.3	1.5	21	0.4	6.5	8.5	203	1.95	0.9	45.5	3.0	70	<0.1	0.1	0.2
1144148	Drill Core	2.77	1.23	<0.01	1.05	28.3	1801.8	2.2	19	0.5	7.8	14.1	248	1.97	2.0	62.0	2.6	93	<0.1	0.1	0.2

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Project: 204920

Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144119	Drill Core	20	1.70	0.132	7	3	0.73	67	0.010	<20	1.09	0.085	0.23	0.6	<0.01	2.2	<0.1	2.66	5	3.3	<0.2
1144120	Drill Core	31	1.95	0.096	7	6	0.92	95	0.016	<20	1.19	0.083	0.22	0.2	<0.01	2.9	<0.1	1.86	5	1.5	<0.2
1144121	Drill Core	37	1.98	0.091	7	8	1.15	112	0.016	<20	1.26	0.085	0.22	0.1	<0.01	3.2	<0.1	1.73	6	0.8	<0.2
1144122	Drill Core	23	1.94	0.110	8	4	0.92	189	0.008	<20	1.33	0.105	0.22	0.1	<0.01	2.7	<0.1	1.12	8	0.8	<0.2
1144123	Drill Core	26	1.96	0.106	7	3	0.94	94	0.012	<20	1.46	0.095	0.24	0.1	<0.01	3.0	<0.1	1.26	8	1.6	<0.2
1144124	Drill Core	25	2.21	0.103	6	2	0.94	122	0.008	<20	1.30	0.088	0.25	0.1	<0.01	2.8	<0.1	1.82	7	2.6	0.2
1144125	Rock Pulp	37	0.66	0.067	8	12	0.61	55	0.045	<20	0.96	0.084	0.16	1.1	<0.01	2.3	<0.1	0.24	8	<0.5	<0.2
1144126	Drill Core	29	1.94	0.099	8	4	0.92	158	0.014	<20	1.37	0.104	0.22	0.2	<0.01	3.1	<0.1	1.36	8	1.6	<0.2
1144127	Drill Core	75	3.01	0.109	7	8	1.40	203	0.031	<20	2.14	0.143	0.28	0.2	<0.01	5.6	<0.1	1.52	9	1.1	<0.2
1144128	Drill Core	23	2.06	0.109	7	3	0.73	118	0.004	<20	1.10	0.070	0.29	0.1	<0.01	2.7	<0.1	2.39	6	2.5	<0.2
1144129	Rock	14	0.20	0.033	14	3	0.26	81	0.079	<20	0.71	0.121	0.36	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1144130	Drill Core	68	2.06	0.113	6	10	1.38	75	0.023	<20	1.73	0.119	0.32	0.2	<0.01	5.7	<0.1	3.03	9	3.6	<0.2
1144131	Drill Core	26	1.72	0.111	7	4	0.90	116	0.003	<20	1.35	0.110	0.23	0.1	<0.01	3.0	<0.1	2.13	8	1.0	0.2
1144132	Drill Core	27	1.77	0.109	7	3	0.90	145	0.004	<20	1.39	0.120	0.25	0.2	<0.01	3.2	<0.1	2.13	8	1.2	0.3
1144133	Drill Core	25	1.63	0.113	7	3	0.80	80	0.003	<20	1.42	0.110	0.30	0.2	<0.01	2.9	<0.1	1.61	7	1.2	0.2
1144134	Drill Core	116	2.47	0.110	5	13	1.78	116	0.045	<20	2.87	0.269	0.26	0.2	<0.01	8.2	<0.1	1.66	10	1.4	0.3
1144135	Drill Core	27	1.60	0.117	8	3	0.89	214	0.010	<20	1.35	0.131	0.20	0.2	<0.01	3.2	<0.1	0.97	8	1.1	<0.2
1144136	Drill Core	41	1.68	0.101	7	7	0.94	200	0.018	<20	1.44	0.122	0.24	5.8	<0.01	3.8	<0.1	1.43	9	1.1	<0.2
1144137 Dup of 1144136	CORE DUP	42	1.70	0.099	7	7	0.94	207	0.020	<20	1.46	0.125	0.25	3.8	<0.01	4.1	<0.1	1.44	9	1.4	<0.2
1144138	Drill Core	27	1.83	0.100	7	4	0.76	138	0.007	<20	1.23	0.089	0.23	0.3	<0.01	2.7	<0.1	1.79	7	2.6	<0.2
1144139	Drill Core	27	2.43	0.100	8	4	0.90	304	0.008	<20	1.43	0.101	0.27	0.2	<0.01	3.1	<0.1	1.11	8	1.3	<0.2
1144140	Drill Core	19	2.23	0.102	6	3	0.85	170	0.006	<20	1.23	0.081	0.29	0.2	<0.01	2.6	<0.1	2.02	7	2.9	<0.2
1144141	Drill Core	23	2.70	0.060	6	12	0.98	236	<0.001	<20	1.09	0.067	0.26	0.1	<0.01	2.4	<0.1	1.34	6	1.7	<0.2
1144142	Drill Core	20	1.86	0.058	8	9	0.60	123	<0.001	<20	1.01	0.066	0.25	0.2	<0.01	2.1	<0.1	1.09	6	2.2	<0.2
1144143	Drill Core	14	2.36	0.111	7	3	0.70	206	0.002	<20	1.00	0.089	0.32	0.1	<0.01	2.6	<0.1	1.27	6	2.4	<0.2
1144144	Drill Core	19	1.72	0.058	7	10	0.67	129	<0.001	<20	0.79	0.066	0.25	0.2	<0.01	2.2	<0.1	2.47	5	5.9	0.2
1144145	Rock Pulp	59	0.76	0.053	3	32	0.79	92	0.108	<20	1.72	0.113	0.16	0.2	0.02	5.1	<0.1	0.61	7	1.0	<0.2
1144146	Drill Core	19	5.42	0.048	3	10	1.21	126	0.002	<20	0.48	0.052	0.18	0.4	<0.01	2.3	<0.1	2.76	5	1.5	<0.2
1144147	Drill Core	17	1.77	0.059	7	8	0.66	248	0.003	<20	0.83	0.066	0.23	0.1	<0.01	2.3	<0.1	0.88	6	1.7	<0.2
1144148	Drill Core	13	2.53	0.065	7	5	0.78	313	<0.001	<20	0.72	0.063	0.28	0.1	<0.01	2.7	<0.1	1.08	5	1.7	<0.2

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Project: 204920

Report Date: November 12, 2013

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CERTIFICATE OF ANALYSIS

SMI13000362.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144119	Drill Core	0.39	2.60	0.018
1144120	Drill Core	0.55	1.97	0.038
1144121	Drill Core	0.72	1.77	0.020
1144122	Drill Core	0.51	1.25	0.023
1144123	Drill Core	0.53	1.39	0.017
1144124	Drill Core	0.63	1.96	0.031
1144125	Rock Pulp	0.12	0.27	<0.005
1144126	Drill Core	0.50	1.43	0.022
1144127	Drill Core	0.89	1.61	0.023
1144128	Drill Core	0.59	2.34	0.028
1144129	Rock	<0.02	<0.02	<0.005
1144130	Drill Core	0.54	3.07	0.015
1144131	Drill Core	0.42	2.13	0.015
1144132	Drill Core	0.43	2.14	0.014
1144133	Drill Core	0.38	1.64	0.019
1144134	Drill Core	0.55	1.68	0.026
1144135	Drill Core	0.36	0.98	0.027
1144136	Drill Core	0.41	1.53	0.056
1144137 Dup of 1144136	CORE DUP	0.40	1.54	0.054
1144138	Drill Core	0.47	1.85	0.088
1144139	Drill Core	0.74	1.12	0.158
1144140	Drill Core	0.76	2.07	0.075
1144141	Drill Core	1.11	1.37	0.025
1144142	Drill Core	0.61	1.16	0.035
1144143	Drill Core	0.90	1.27	0.055
1144144	Drill Core	0.62	2.43	0.047
1144145	Rock Pulp	0.10	0.65	0.583
1144146	Drill Core	1.92	2.73	0.034
1144147	Drill Core	0.77	0.93	0.054
1144148	Drill Core	1.24	1.10	0.031

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144149	Drill Core	7.81	0.005	0.396	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.79	<0.02	0.02	<0.001	<0.01	<0.01	1.86	0.06	<0.001	0.85	6.62
1144150	Rock	5.49	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.57	<0.02	0.06	<0.001	<0.01	<0.01	1.70	0.03	0.001	0.26	6.81
1144151	Drill Core	8.59	0.005	0.180	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.86	<0.02	0.02	<0.001	<0.01	<0.01	2.81	0.07	0.001	1.21	6.26
1144152	Drill Core	3.38	0.002	0.128	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.21	<0.02	0.03	<0.001	<0.01	<0.01	2.59	0.06	0.002	1.28	6.69
1144153	Drill Core	3.36	0.002	0.137	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.34	<0.02	0.03	<0.001	<0.01	<0.01	2.55	0.06	0.002	1.19	6.39
1144154	Drill Core	7.76	<0.001	0.152	<0.02	<0.01	<2	<0.001	<0.001	0.01	2.50	<0.02	0.02	<0.001	<0.01	<0.01	1.76	0.09	0.003	1.63	7.05
1144155	Drill Core	7.02	0.036	0.395	<0.02	<0.01	<2	<0.001	<0.001	<0.01	1.37	<0.02	0.02	<0.001	<0.01	<0.01	1.25	0.06	0.002	0.78	6.88
1144156	Drill Core	8.96	0.009	0.197	<0.02	<0.01	<2	<0.001	<0.001	0.01	1.47	<0.02	0.02	<0.001	<0.01	<0.01	1.27	0.06	0.001	0.71	6.49
1144157	Drill Core	9.90	0.007	0.427	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.80	<0.02	0.03	<0.001	<0.01	<0.01	1.99	0.07	<0.001	1.01	7.69
1144158 Dup of 1144157	CORE DUP		0.007	0.435	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.74	<0.02	0.03	<0.001	<0.01	<0.01	1.97	0.07	0.001	0.99	7.91
1144159	Drill Core	5.93	0.007	0.525	<0.02	<0.01	<2	0.001	0.001	0.03	2.63	<0.02	0.03	<0.001	<0.01	<0.01	2.42	0.07	0.002	1.60	7.89
1144160	Drill Core	7.94	0.003	0.232	<0.02	<0.01	<2	<0.001	0.001	0.02	2.20	<0.02	0.03	<0.001	<0.01	<0.01	2.03	0.07	0.001	1.18	7.93
1144161	Drill Core	9.16	0.006	0.381	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.79	<0.02	0.05	<0.001	<0.01	<0.01	3.18	0.05	0.001	1.10	7.51
1144162	Drill Core	6.61	0.006	0.235	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.89	<0.02	0.03	<0.001	<0.01	<0.01	1.70	0.06	0.002	1.04	7.76
1144163	Drill Core	8.57	0.018	0.187	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.04	<0.02	0.02	<0.001	<0.01	<0.01	1.64	0.07	0.001	0.72	7.61
1144164	Drill Core	8.20	0.022	0.150	<0.02	<0.01	<2	<0.001	<0.001	0.01	0.93	<0.02	0.02	<0.001	<0.01	<0.01	1.31	0.05	<0.001	0.66	7.60
1144165	Rock Pulp	0.15	0.028	0.238	<0.02	0.04	3	0.002	<0.001	0.10	5.11	<0.02	0.02	<0.001	<0.01	<0.01	1.46	0.07	0.004	0.81	7.60
1144166	Drill Core	7.90	0.007	0.198	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.00	<0.02	0.11	<0.001	<0.01	<0.01	6.49	0.04	<0.001	0.97	5.96
1144167	Drill Core	7.48	0.004	0.138	<0.02	<0.01	<2	<0.001	0.001	0.02	2.33	<0.02	0.07	<0.001	<0.01	<0.01	2.82	0.06	0.001	0.92	7.60
1144168	Rock	4.51	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.66	<0.02	0.05	<0.001	<0.01	<0.01	1.66	0.03	0.002	0.26	7.47
1144169	Drill Core	4.48	0.004	1.348	<0.02	<0.01	5	<0.001	0.001	0.02	3.30	<0.02	0.02	<0.001	<0.01	<0.01	1.71	0.06	0.001	0.95	8.13
1144170	Drill Core	3.95	0.003	1.151	<0.02	<0.01	4	<0.001	<0.001	0.02	3.07	<0.02	0.02	<0.001	<0.01	<0.01	1.77	0.06	0.002	0.95	7.81
1144171	Drill Core	7.06	0.005	0.164	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.95	<0.02	0.02	<0.001	<0.01	<0.01	2.47	0.06	0.001	1.16	7.54
1144172	Drill Core	7.69	0.011	0.236	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.06	<0.02	0.02	<0.001	<0.01	<0.01	2.56	0.06	0.002	0.85	7.71
1144173	Drill Core	7.14	0.003	0.264	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.86	<0.02	0.02	<0.001	<0.01	<0.01	2.25	0.06	<0.001	0.91	7.61
1144174	Drill Core	8.15	0.005	0.333	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.98	<0.02	<0.01	<0.001	<0.01	<0.01	2.22	0.06	0.001	1.08	7.69
1144175	Drill Core	7.88	0.005	0.235	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.83	<0.02	0.03	<0.001	<0.01	<0.01	2.84	0.05	0.002	0.99	7.53
1144176	Drill Core	7.61	0.002	0.153	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.31	<0.02	0.09	<0.001	<0.01	<0.01	7.68	0.07	0.002	1.71	6.25

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144149	Drill Core	2.80	1.17	<0.01	0.92	54.5	4394.0	2.2	14	2.0	4.9	8.8	178	1.63	1.7	55.8	3.3	51	0.1	0.2	0.6
1144150	Rock	3.04	1.25	<0.01	<0.05	0.4	15.8	1.9	60	<0.1	1.3	2.6	356	1.57	<0.5	<0.5	7.1	29	<0.1	<0.1	<0.1
1144151	Drill Core	2.43	1.25	<0.01	0.98	57.3	1949.9	2.4	16	0.5	5.2	8.9	232	1.65	2.0	26.0	2.7	107	<0.1	0.1	0.2
1144152	Drill Core	2.74	1.22	<0.01	1.42	28.3	1415.6	2.3	19	0.3	8.4	12.5	250	2.08	1.1	48.1	2.9	116	<0.1	0.2	0.2
1144153	Drill Core	2.73	1.82	<0.01	1.77	28.2	1531.1	2.3	17	0.3	8.9	15.4	242	2.29	1.6	56.3	2.6	138	<0.1	0.1	0.2
1144154	Drill Core	3.29	1.17	<0.01	1.57	11.8	1675.1	1.9	22	0.4	11.0	17.4	150	2.55	0.8	43.7	1.3	60	<0.1	0.2	0.2
1144155	Drill Core	4.08	1.10	<0.01	0.79	388.6	4326.2	2.3	11	0.7	5.7	7.8	95	1.28	<0.5	164.5	2.7	33	0.4	0.2	0.2
1144156	Drill Core	4.17	0.90	<0.01	1.03	99.7	2211.1	1.3	10	0.4	5.9	11.5	110	1.42	1.1	25.4	3.2	47	0.1	0.1	0.1
1144157	Drill Core	3.47	1.21	<0.01	0.90	65.3	4351.2	1.5	14	0.8	7.0	8.3	168	1.54	<0.5	188.0	2.4	116	0.1	0.2	0.2
1144158 Dup of 1144157	CORE DUP	3.58	1.21	<0.01	0.95	63.3	4428.3	1.4	13	0.8	6.5	8.2	154	1.46	0.8	447.2	2.3	113	0.2	0.1	0.2
1144159	Drill Core	3.77	1.21	<0.01	1.35	67.4	5283.0	1.7	29	1.2	9.8	15.2	247	2.25	1.2	247.8	1.8	75	0.2	0.1	0.3
1144160	Drill Core	3.28	1.30	<0.01	1.20	31.1	2368.3	1.0	21	0.4	8.2	13.6	194	1.89	1.5	52.3	2.3	87	<0.1	0.1	0.3
1144161	Drill Core	2.89	1.31	<0.01	1.41	57.4	3893.6	1.4	15	0.6	5.7	8.9	239	1.48	<0.5	111.6	2.4	276	0.2	0.1	0.2
1144162	Drill Core	3.45	1.12	<0.01	0.74	60.9	2516.2	1.0	20	0.4	7.1	11.9	165	1.61	<0.5	68.0	3.1	92	<0.1	0.1	0.1
1144163	Drill Core	4.25	1.05	<0.01	0.33	159.5	1997.2	1.5	13	0.5	3.2	3.2	160	0.87	1.8	36.6	3.2	65	0.3	0.3	0.2
1144164	Drill Core	3.76	1.02	<0.01	0.32	231.8	1564.3	3.0	10	0.4	3.1	2.4	136	0.79	1.1	31.3	3.0	59	0.4	0.1	0.2
1144165	Rock Pulp	0.87	1.78	<0.01	2.16	253.0	2482.2	71.2	424	2.9	12.4	10.5	744	4.18	25.3	298.6	2.7	42	2.3	1.2	0.9
1144166	Drill Core	2.00	1.29	<0.01	4.47	71.2	2162.7	1.2	13	0.6	4.3	9.9	238	1.73	<0.5	150.9	1.9	1060	<0.1	<0.1	0.3
1144167	Drill Core	2.31	2.17	<0.01	2.00	42.4	1464.6	1.2	15	0.3	6.6	16.0	185	1.83	<0.5	44.7	2.2	457	<0.1	0.1	0.2
1144168	Rock	2.86	1.24	<0.01	<0.05	0.6	11.0	1.8	57	<0.1	1.4	2.5	337	1.50	<0.5	<0.5	6.6	23	<0.1	<0.1	<0.1
1144169	Drill Core	2.27	1.44	<0.01	1.69	38.5	>10000	6.6	34	4.8	6.2	11.7	241	2.77	<0.5	165.7	2.9	47	0.3	0.2	13.0
1144170	Drill Core	2.31	1.42	<0.01	1.56	31.0	>10000	6.3	30	3.8	5.3	11.4	236	2.54	<0.5	72.3	3.0	46	0.2	0.2	14.7
1144171	Drill Core	1.25	1.00	<0.01	0.56	50.4	1713.0	5.8	25	0.8	5.4	9.2	403	1.46	1.0	45.5	2.5	126	<0.1	0.2	0.3
1144172	Drill Core	2.31	1.50	<0.01	0.53	111.4	2571.2	2.1	19	0.8	5.5	8.2	346	1.67	<0.5	75.4	2.9	79	0.2	0.1	0.2
1144173	Drill Core	2.29	1.19	<0.01	0.45	34.0	2777.4	2.6	20	1.2	5.2	6.7	346	1.48	1.0	61.4	2.9	48	<0.1	0.1	0.4
1144174	Drill Core	1.41	1.54	<0.01	0.54	51.5	3405.5	1.8	19	1.0	4.3	6.3	389	1.46	<0.5	37.8	2.8	36	0.1	0.1	0.4
1144175	Drill Core	2.16	1.04	<0.01	1.02	57.7	2491.9	1.3	16	0.4	4.4	6.8	325	1.47	0.9	38.9	2.8	194	0.1	0.1	0.4
1144176	Drill Core	1.61	0.85	<0.01	3.59	25.8	1554.3	1.6	26	0.2	4.5	9.7	426	1.96	3.6	30.9	1.4	830	<0.1	0.1	0.1

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method Analyte	Unit	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
MDL		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1144149	Drill Core	11	1.88	0.060	7	4	0.69	207	<0.001	<20	0.65	0.065	0.26	0.2	<0.01	2.3	<0.1	1.00	4	3.5	<0.2
1144150	Rock	15	0.25	0.037	17	9	0.28	104	0.087	<20	0.81	0.148	0.41	<0.1	<0.01	2.2	0.1	<0.05	8	<0.5	<0.2
1144151	Drill Core	12	2.74	0.074	6	4	0.99	254	<0.001	<20	0.62	0.058	0.28	0.2	<0.01	2.2	<0.1	1.05	5	2.5	<0.2
1144152	Drill Core	21	2.53	0.067	5	8	1.15	259	0.002	<20	0.82	0.062	0.28	<0.1	<0.01	3.6	<0.1	1.46	6	2.2	<0.2
1144153	Drill Core	22	2.47	0.067	4	9	1.06	176	0.003	<20	0.81	0.062	0.28	0.2	<0.01	3.6	<0.1	1.76	6	2.3	<0.2
1144154	Drill Core	51	1.74	0.094	6	16	1.51	202	0.013	<20	1.19	0.075	0.28	0.2	<0.01	6.5	<0.1	1.64	8	2.5	<0.2
1144155	Drill Core	13	1.29	0.059	3	6	0.62	127	0.001	<20	0.43	0.082	0.20	0.2	<0.01	2.3	<0.1	0.84	4	3.6	<0.2
1144156	Drill Core	9	1.33	0.059	4	5	0.58	204	<0.001	<20	0.37	0.083	0.18	0.2	<0.01	2.0	<0.1	1.01	4	2.6	<0.2
1144157	Drill Core	14	1.84	0.064	6	6	0.79	468	<0.001	<20	0.57	0.087	0.25	0.2	0.01	2.7	<0.1	0.90	2	3.4	<0.2
1144158 Dup of 1144157	CORE DUP	13	1.78	0.059	6	5	0.78	468	<0.001	<20	0.49	0.077	0.23	0.2	<0.01	2.6	<0.1	0.92	1	3.3	<0.2
1144159	Drill Core	43	2.21	0.068	5	13	1.41	276	0.001	<20	0.80	0.084	0.21	0.2	<0.01	5.0	<0.1	1.33	4	4.0	0.2
1144160	Drill Core	29	1.87	0.063	4	10	1.00	158	0.003	<20	0.70	0.064	0.22	0.1	<0.01	3.7	0.1	1.20	3	3.0	<0.2
1144161	Drill Core	15	2.96	0.052	4	7	0.90	303	<0.001	<20	0.55	0.057	0.21	<0.1	<0.01	2.3	<0.1	1.36	2	3.2	<0.2
1144162	Drill Core	22	1.56	0.058	5	8	0.91	469	0.003	<20	0.64	0.072	0.20	0.1	<0.01	2.9	<0.1	0.78	3	2.0	<0.2
1144163	Drill Core	8	1.55	0.066	4	6	0.56	207	<0.001	<20	0.35	0.086	0.18	0.2	<0.01	1.9	<0.1	0.33	<1	1.5	<0.2
1144164	Drill Core	7	1.20	0.052	4	5	0.49	267	<0.001	<20	0.39	0.073	0.18	0.1	<0.01	1.6	<0.1	0.33	<1	2.1	<0.2
1144165	Rock Pulp	30	0.78	0.068	3	18	0.59	58	0.026	<20	1.57	0.050	0.28	1.2	0.04	2.4	0.2	2.12	4	3.5	0.7
1144166	Drill Core	8	6.20	0.042	2	6	0.82	91	<0.001	<20	0.34	0.038	0.19	<0.1	<0.01	1.6	<0.1	4.39	<1	2.5	0.3
1144167	Drill Core	13	2.62	0.055	3	7	0.71	121	0.001	<20	0.57	0.051	0.25	<0.1	<0.01	2.5	<0.1	1.88	2	2.7	<0.2
1144168	Rock	14	0.23	0.030	12	7	0.26	83	0.065	<20	0.65	0.100	0.34	<0.1	<0.01	2.3	0.2	<0.05	4	<0.5	<0.2
1144169	Drill Core	16	1.50	0.055	7	6	0.74	167	0.002	<20	0.73	0.053	0.28	0.1	<0.01	1.9	<0.1	1.64	2	13.2	8.1
1144170	Drill Core	17	1.50	0.054	7	7	0.75	168	0.002	<20	0.70	0.052	0.27	0.1	<0.01	2.1	<0.1	1.49	3	11.3	8.7
1144171	Drill Core	12	2.35	0.053	8	5	0.86	432	<0.001	<20	0.58	0.034	0.29	0.2	<0.01	1.7	<0.1	0.55	2	1.3	<0.2
1144172	Drill Core	13	2.49	0.056	7	5	0.67	393	<0.001	<20	0.67	0.054	0.27	0.2	<0.01	2.2	<0.1	0.52	2	2.0	<0.2
1144173	Drill Core	12	2.12	0.050	7	5	0.71	181	<0.001	<20	0.64	0.054	0.25	<0.1	<0.01	2.0	<0.1	0.45	2	1.9	<0.2
1144174	Drill Core	8	2.16	0.049	6	4	0.79	93	<0.001	<20	0.58	0.032	0.27	<0.1	<0.01	1.3	<0.1	0.52	1	2.6	<0.2
1144175	Drill Core	8	2.76	0.051	5	5	0.80	179	<0.001	<20	0.56	0.049	0.25	0.1	<0.01	1.5	<0.1	1.04	1	1.7	<0.2
1144176	Drill Core	19	7.12	0.063	3	4	1.52	104	<0.001	<20	0.61	0.036	0.19	0.1	<0.01	3.8	<0.1	3.47	1	1.3	<0.2

CERTIFICATE OF ANALYSIS

SMI13000362.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
1144149	Drill Core	0.94	1.04	0.076
1144150	Rock	0.03	<0.02	<0.005
1144151	Drill Core	1.50	1.14	0.045
1144152	Drill Core	1.35	1.43	0.043
1144153	Drill Core	1.12	1.63	0.049
1144154	Drill Core	0.90	1.60	0.039
1144155	Drill Core	0.71	0.86	0.136
1144156	Drill Core	0.77	1.06	0.024
1144157	Drill Core	1.03	0.96	0.205
1144158 Dup of 1144157	CORE DUP	1.07	1.05	0.209
1144159	Drill Core	1.32	1.44	0.193
1144160	Drill Core	0.92	1.21	0.100
1144161	Drill Core	1.19	1.41	0.130
1144162	Drill Core	0.88	0.80	0.080
1144163	Drill Core	0.86	0.36	0.040
1144164	Drill Core	0.63	0.34	0.039
1144165	Rock Pulp	0.20	2.22	0.382
1144166	Drill Core	1.20	4.35	0.055
1144167	Drill Core	0.87	1.96	0.061
1144168	Rock	0.03	<0.02	<0.005
1144169	Drill Core	0.76	1.99	0.099
1144170	Drill Core	0.79	1.83	0.064
1144171	Drill Core	1.24	0.56	0.053
1144172	Drill Core	1.13	0.54	0.091
1144173	Drill Core	1.02	0.47	0.047
1144174	Drill Core	1.12	0.59	0.041
1144175	Drill Core	1.16	1.06	0.025
1144176	Drill Core	2.16	3.57	0.039

QUALITY CONTROL REPORT

SMI13000362.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
REP 1144091	QC																				
1144094	Drill Core	8.90	<0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.35	<0.02	0.02	<0.001	<0.01	<0.01	2.35	0.12	<0.001	1.30	7.57
REP 1144094	QC																				
1144111	Drill Core	8.73	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.79	<0.02	0.02	<0.001	<0.01	<0.01	2.45	0.11	<0.001	0.99	7.17
REP 1144111	QC																				
1144114	Drill Core	6.99	0.001	0.033	<0.02	<0.01	<2	<0.001	0.001	0.02	3.11	<0.02	0.03	<0.001	<0.01	<0.01	2.39	0.12	<0.001	0.92	7.23
REP 1144114	QC		0.001	0.035	<0.02	<0.01	<2	<0.001	0.001	0.02	3.24	<0.02	0.03	<0.001	<0.01	<0.01	2.35	0.12	<0.001	0.98	7.42
1144126	Drill Core	8.54	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.05	<0.02	0.04	<0.001	<0.01	<0.01	3.12	0.12	0.002	1.10	8.38
REP 1144126	QC																				
REP 1144129	QC																				
1144147	Drill Core	8.02	0.003	0.203	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.14	<0.02	0.02	<0.001	<0.01	<0.01	1.78	0.06	0.002	0.78	6.24
REP 1144147	QC																				
1144149	Drill Core	7.81	0.005	0.396	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.79	<0.02	0.02	<0.001	<0.01	<0.01	1.86	0.06	<0.001	0.85	6.62
REP 1144149	QC		0.005	0.394	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.78	<0.02	0.02	<0.001	<0.01	<0.01	1.88	0.06	0.001	0.84	6.69
1144161	Drill Core	9.16	0.006	0.381	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.79	<0.02	0.05	<0.001	<0.01	<0.01	3.18	0.05	0.001	1.10	7.51
REP 1144161	QC																				
1144176	Drill Core	7.61	0.002	0.153	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.31	<0.02	0.09	<0.001	<0.01	<0.01	7.68	0.07	0.002	1.71	6.25
REP 1144176	QC		0.002	0.151	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.36	<0.02	0.09	<0.001	<0.01	<0.01	7.69	0.07	<0.001	1.69	6.18
Core Reject Duplicates																					
1144091	Drill Core	7.44	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.01	<0.02	0.03	<0.001	<0.01	<0.01	2.26	0.12	<0.001	0.84	8.30
DUP 1144091	QC		<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	3.03	<0.02	0.03	<0.001	<0.01	<0.01	2.19	0.12	<0.001	0.83	7.88
1144129	Rock	5.05	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.58	<0.02	0.06	<0.001	<0.01	<0.01	1.64	0.03	0.002	0.26	6.85
DUP 1144129	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.55	<0.02	0.06	<0.001	<0.01	<0.01	1.65	0.03	0.001	0.25	6.91
1144167	Drill Core	7.48	0.004	0.138	<0.02	<0.01	<2	<0.001	0.001	0.02	2.33	<0.02	0.07	<0.001	<0.01	<0.01	2.82	0.06	0.001	0.92	7.60
DUP 1144167	QC		0.004	0.141	<0.02	<0.01	<2	<0.001	0.001	0.02	2.36	<0.02	0.07	<0.001	<0.01	<0.01	2.85	0.06	0.002	0.94	7.53
Reference Materials																					
STD CDN-ME-14	Standard		0.001	1.200	0.48	3.13	45	0.002	0.017	0.09	18.18	<0.02	<0.01	0.009	<0.01	0.01	0.76	0.02	0.003	1.27	4.40
STD CDN-ME-9	Standard		<0.001	0.628	<0.02	<0.01	3	0.866	0.016	0.12	13.59	<0.02	0.03	<0.001	<0.01	<0.01	4.22	0.06	0.030	4.02	6.43

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Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
REP 1144091	QC																				
1144094	Drill Core	3.35	1.61	<0.01	1.27	3.9	398.8	2.6	27	0.2	2.9	11.9	170	3.06	2.8	15.8	0.8	45	<0.1	<0.1	0.2
REP 1144094	QC					4.1	394.6	2.6	29	0.2	2.6	12.4	172	3.10	2.4	15.8	0.9	45	<0.1	0.1	0.2
1144111	Drill Core	2.65	1.86	<0.01	1.16	9.8	364.7	2.3	31	0.1	2.3	11.3	208	2.60	2.0	10.5	1.0	111	<0.1	<0.1	0.2
REP 1144111	QC																				
1144114	Drill Core	2.32	2.41	<0.01	2.05	17.3	350.4	3.6	22	0.3	2.4	16.4	202	2.85	1.5	14.1	0.8	133	<0.1	<0.1	0.4
REP 1144114	QC	2.42	2.60	<0.01	2.10																
1144126	Drill Core	3.28	1.11	<0.01	1.41	10.9	279.4	3.2	24	0.1	2.6	11.7	210	2.65	3.2	16.7	0.9	62	<0.1	0.2	0.2
REP 1144126	QC																				
REP 1144129	QC					0.4	13.4	1.9	58	<0.1	1.1	2.7	330	1.46	0.9	<0.5	6.9	30	<0.1	<0.1	<0.1
1144147	Drill Core	3.09	1.07	<0.01	0.86	35.4	2149.3	1.5	21	0.4	6.5	8.5	203	1.95	0.9	45.5	3.0	70	<0.1	0.1	0.2
REP 1144147	QC																				
1144149	Drill Core	2.80	1.17	<0.01	0.92	54.5	4394.0	2.2	14	2.0	4.9	8.8	178	1.63	1.7	55.8	3.3	51	0.1	0.2	0.6
REP 1144149	QC	2.73	1.09	<0.01	0.92																
1144161	Drill Core	2.89	1.31	<0.01	1.41	57.4	3893.6	1.4	15	0.6	5.7	8.9	239	1.48	<0.5	111.6	2.4	276	0.2	0.1	0.2
REP 1144161	QC																				
1144176	Drill Core	1.61	0.85	<0.01	3.59	25.8	1554.3	1.6	26	0.2	4.5	9.7	426	1.96	3.6	30.9	1.4	830	<0.1	0.1	0.1
REP 1144176	QC	1.61	1.15	<0.01	3.67	25.1	1597.2	1.6	24	0.2	4.9	9.7	430	1.98	3.0	44.3	1.5	852	<0.1	0.1	0.1
Core Reject Duplicates																					
1144091	Drill Core	3.93	1.56	<0.01	1.59	3.5	166.6	1.9	22	<0.1	2.3	12.0	155	2.67	2.0	5.9	0.8	41	<0.1	0.1	0.2
DUP 1144091	QC	3.86	1.55	<0.01	1.61	3.7	167.7	1.8	23	<0.1	2.4	11.9	159	2.72	2.2	7.5	0.8	43	<0.1	<0.1	0.2
1144129	Rock	2.96	1.25	<0.01	<0.05	0.5	12.1	1.7	57	<0.1	1.3	2.7	333	1.50	0.6	1.5	6.5	26	<0.1	<0.1	<0.1
DUP 1144129	QC	2.95	1.22	<0.01	<0.05	0.4	12.5	1.8	55	<0.1	1.5	2.5	325	1.45	0.6	<0.5	6.8	30	<0.1	<0.1	<0.1
1144167	Drill Core	2.31	2.17	<0.01	2.00	42.4	1464.6	1.2	15	0.3	6.6	16.0	185	1.83	<0.5	44.7	2.2	457	<0.1	0.1	0.2
DUP 1144167	QC	2.28	2.14	<0.01	2.02	40.7	1474.7	1.1	14	0.3	6.0	16.1	183	1.82	<0.5	37.6	2.2	467	<0.1	<0.1	0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.55	1.63	<0.01	15.81																
STD CDN-ME-9	Standard	1.85	0.62	<0.01	2.37																

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
REP 1144091	QC																				
1144094	Drill Core	37	1.97	0.114	6	6	1.15	57	0.010	<20	1.60	0.062	0.22	0.2	<0.01	3.6	<0.1	1.21	7	1.0	<0.2
REP 1144094	QC	37	1.98	0.120	6	6	1.17	57	0.010	<20	1.62	0.063	0.23	0.2	<0.01	3.5	<0.1	1.22	7	1.1	<0.2
1144111	Drill Core	15	2.34	0.112	6	2	0.89	213	0.003	<20	1.26	0.061	0.27	0.2	<0.01	2.5	0.1	1.22	4	1.1	<0.2
REP 1144111	QC																				
1144114	Drill Core	9	2.40	0.115	4	2	0.73	65	0.001	<20	1.01	0.052	0.29	0.2	<0.01	1.7	<0.1	2.08	2	2.3	<0.2
REP 1144114	QC																				
1144126	Drill Core	29	1.94	0.099	8	4	0.92	158	0.014	<20	1.37	0.104	0.22	0.2	<0.01	3.1	<0.1	1.36	8	1.6	<0.2
REP 1144126	QC																				
REP 1144129	QC	14	0.24	0.034	15	3	0.26	91	0.081	<20	0.80	0.152	0.40	<0.1	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1144147	Drill Core	17	1.77	0.059	7	8	0.66	248	0.003	<20	0.83	0.066	0.23	0.1	<0.01	2.3	<0.1	0.88	6	1.7	<0.2
REP 1144147	QC																				
1144149	Drill Core	11	1.88	0.060	7	4	0.69	207	<0.001	<20	0.65	0.065	0.26	0.2	<0.01	2.3	<0.1	1.00	4	3.5	<0.2
REP 1144149	QC																				
1144161	Drill Core	15	2.96	0.052	4	7	0.90	303	<0.001	<20	0.55	0.057	0.21	<0.1	<0.01	2.3	<0.1	1.36	2	3.2	<0.2
REP 1144161	QC																				
1144176	Drill Core	19	7.12	0.063	3	4	1.52	104	<0.001	<20	0.61	0.036	0.19	0.1	<0.01	3.8	<0.1	3.47	1	1.3	<0.2
REP 1144176	QC	19	7.19	0.064	3	5	1.53	99	<0.001	<20	0.62	0.037	0.19	0.1	<0.01	3.9	<0.1	3.54	1	1.1	<0.2
Core Reject Duplicates																					
1144091	Drill Core	20	1.74	0.110	5	4	0.68	61	0.004	<20	1.18	0.069	0.21	0.2	<0.01	2.3	<0.1	1.51	4	1.5	<0.2
DUP 1144091	QC	21	1.77	0.114	6	3	0.69	59	0.004	<20	1.20	0.073	0.22	0.2	<0.01	2.3	<0.1	1.54	5	1.5	<0.2
1144129	Rock	14	0.20	0.033	14	3	0.26	81	0.079	<20	0.71	0.121	0.36	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
DUP 1144129	QC	14	0.23	0.033	14	3	0.26	89	0.080	<20	0.80	0.152	0.39	<0.1	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1144167	Drill Core	13	2.62	0.055	3	7	0.71	121	0.001	<20	0.57	0.051	0.25	<0.1	<0.01	2.5	<0.1	1.88	2	2.7	<0.2
DUP 1144167	QC	13	2.68	0.054	2	6	0.71	117	0.001	<20	0.56	0.050	0.25	<0.1	<0.01	2.4	<0.1	1.94	2	2.8	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				

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Method	2A Leco	2A Leco	G6	
Analyte	TOT/C	TOT/S	Au	
Unit	%	%	ppm	
MDL	0.02	0.02	0.005	
Pulp Duplicates				
REP 1144091	QC	0.44	1.57	
1144094	Drill Core	0.51	1.20	0.014
REP 1144094	QC			
1144111	Drill Core	0.85	1.25	0.018
REP 1144111	QC			0.017
1144114	Drill Core	0.90	2.17	0.018
REP 1144114	QC			
1144126	Drill Core	0.50	1.43	0.022
REP 1144126	QC	0.49	1.47	
REP 1144129	QC			
1144147	Drill Core	0.77	0.93	0.054
REP 1144147	QC			0.068
1144149	Drill Core	0.94	1.04	0.076
REP 1144149	QC			
1144161	Drill Core	1.19	1.41	0.130
REP 1144161	QC	1.20	1.44	
1144176	Drill Core	2.16	3.57	0.039
REP 1144176	QC			0.038
Core Reject Duplicates				
1144091	Drill Core	0.45	1.44	0.011
DUP 1144091	QC	0.44	1.56	0.010
1144129	Rock	<0.02	<0.02	<0.005
DUP 1144129	QC	0.02	<0.02	<0.005
1144167	Drill Core	0.87	1.96	0.061
DUP 1144167	QC	0.88	2.06	0.053
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			



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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD CDN-ME-14	Standard		0.001	1.232	0.48	3.16	46	0.002	0.018	0.09	18.33	<0.02	<0.01	0.009	<0.01	<0.01	0.76	0.02	0.002	1.29	4.49
STD CDN-ME-9	Standard		<0.001	0.645	<0.02	0.01	3	0.901	0.017	0.12	14.01	<0.02	0.03	<0.001	<0.01	<0.01	4.33	0.06	0.028	4.13	6.63
STD CDN-ME-14	Standard		0.001	1.230	0.48	3.10	44	0.002	0.017	0.09	18.00	<0.02	<0.01	0.010	<0.01	<0.01	0.75	0.01	<0.001	1.29	4.33
STD CDN-ME-9	Standard		<0.001	0.654	<0.02	0.01	3	0.940	0.017	0.12	13.64	<0.02	0.03	<0.001	<0.01	<0.01	4.13	0.06	0.028	3.96	6.52
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	

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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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD CDN-ME-14	Standard	0.54	1.75	<0.01	16.86																	
STD CDN-ME-9	Standard	1.90	0.64	<0.01	2.58																	
STD CDN-ME-14	Standard	0.52	1.65	<0.01	16.16																	
STD CDN-ME-9	Standard	1.74	0.63	<0.01	2.55																	
STD DS10	Standard					11.9	150.5	154.0	358	2.1	74.4	12.5	877	2.75	45.3	89.4	6.3	63	2.5	8.1	10.9	
STD DS10	Standard					12.6	158.0	158.9	368	2.3	76.3	13.4	893	2.66	44.4	99.0	6.5	57	2.5	7.5	10.5	
STD DS10	Standard					12.1	158.8	151.7	357	1.9	74.5	13.3	886	2.68	44.9	118.6	6.4	66	2.5	7.1	12.5	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.3	627.4	12.5	28	0.3	337.9	47.8	369	21.87	8.2	59.2	9.1	3	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.7	719.4	12.9	29	0.3	367.7	51.6	432	19.93	9.0	58.8	9.2	4	<0.1	0.3	0.2	
STD OREAS45EA	Standard					1.3	622.3	13.8	28	0.2	347.6	49.2	362	22.93	6.9	52.8	9.6	4	<0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	

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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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000362.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
STD CDN-ME-14	Standard	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	42	1.08	0.074	15	53	0.76	365	0.066	<20	1.00	0.068	0.34	2.9	0.30	2.9	4.8	0.29	7	2.8	4.6
STD DS10	Standard	42	1.05	0.071	15	54	0.78	403	0.059	<20	1.00	0.064	0.33	3.1	0.33	2.9	5.1	0.28	5	1.8	5.3
STD DS10	Standard	43	1.05	0.075	15	55	0.76	378	0.071	<20	0.99	0.066	0.33	2.3	0.31	2.7	5.1	0.29	4	1.9	4.7
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	294	0.03	0.025	6	765	0.09	130	0.080	<20	2.91	0.017	0.05	<0.1	<0.01	71.0	<0.1	<0.05	12	0.7	<0.2
STD OREAS45EA	Standard	329	0.05	0.027	6	994	0.08	141	0.074	<20	2.90	0.018	0.05	<0.1	<0.01	72.5	<0.1	<0.05	12	0.7	<0.2
STD OREAS45EA	Standard	284	0.04	0.024	6	837	0.09	131	0.082	<20	2.90	0.019	0.05	<0.1	0.02	70.2	<0.1	<0.05	12	<0.5	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					

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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000362.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	1.03	2.28	
STD GS311-1	Standard	1.00	2.49	
STD GS311-1	Standard	1.02	2.38	
STD GS910-4	Standard	2.86	8.40	
STD GS910-4	Standard	2.68	8.31	
STD GS910-4	Standard	2.64	7.92	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.195
STD OXC109	Standard			0.204
STD OXI96	Standard			1.747
STD OXI96	Standard			1.841
STD OXL93	Standard			5.765
STD OXL93	Standard			5.831
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				



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Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000362.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	0.001	<0.01	<0.01	
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																					
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.34	<0.02	0.07	<0.001	<0.01	<0.01	2.34	0.08	<0.001	0.63	7.06	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.35	<0.02	0.07	<0.001	<0.01	<0.01	2.30	0.08	0.001	0.62	6.94	



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000362.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.7	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	0.7	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank					<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.71	2.02	<0.01	0.07	0.2	1.8	2.5	47	<0.1	3.8	4.1	532	1.91	<0.5	<0.5	4.8	46	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.70	2.22	<0.01	<0.05	0.1	1.3	2.3	45	<0.1	3.8	4.2	549	1.95	<0.5	<0.5	4.4	53	<0.1	<0.1	<0.1

QUALITY CONTROL REPORT

SMI13000362.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	4	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	34	0.39	0.066	8	10	0.54	216	0.115	<20	0.89	0.073	0.47	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	35	0.38	0.071	8	10	0.56	214	0.114	<20	0.88	0.064	0.46	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 12, 2013

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QUALITY CONTROL REPORT

SMI13000362.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	0.02	<0.02	<0.005



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PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 23, 2014
Report Date: February 21, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000362R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_009
P.O. Number
Number of Samples: 31

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	31	lead collection fire-assay fusion -AAS finish	30	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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:



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



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: February 21, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000362R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
1144146	Drill Core 0.031
1144147	Drill Core 0.061
1144148	Drill Core 0.041
1144149	Drill Core 0.092
1144150	Rock <0.005
1144151	Drill Core 0.047
1144152	Drill Core 0.052
1144153	Drill Core 0.058
1144154	Drill Core 0.048
1144155	Drill Core 0.138
1144156	Drill Core 0.048
1144157	Drill Core 0.296
1144158 Dup of 1144157	CORE DUP 0.235
1144159	Drill Core 0.194
1144160	Drill Core 0.087
1144161	Drill Core 0.133
1144162	Drill Core 0.084
1144163	Drill Core 0.057
1144164	Drill Core 0.044
1144165	Rock Pulp 0.342
1144166	Drill Core 0.062
1144167	Drill Core 0.054
1144168	Rock <0.005
1144169	Drill Core 0.106
1144170	Drill Core 0.075
1144171	Drill Core 0.050
1144172	Drill Core 0.069
1144173	Drill Core 0.047
1144174	Drill Core 0.042
1144175	Drill Core 0.032



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Project: 204920
Report Date: February 21, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000362R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
1144176	Drill Core	0.040



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Project: 204920
 Report Date: February 21, 2014

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Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000362R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
Pulp Duplicates	
1144165 Rock Pulp	0.342
REP 1144165 QC	0.298
1144176 Drill Core	0.040
REP 1144176 QC	0.043
Reference Materials	
STD OXC109 Standard	0.211
STD OXI96 Standard	1.763
STD OXL93 Standard	5.601
STD OXC109 Expected	0.201
STD OXI96 Expected	1.802
STD OXL93 Expected	5.841
BLK Blank	<0.005
BLK Blank	<0.005

CERTIFICATE OF ANALYSIS

SMI13000385.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_013
P.O. Number
Number of Samples: 134

SAMPLE DISPOSAL

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

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

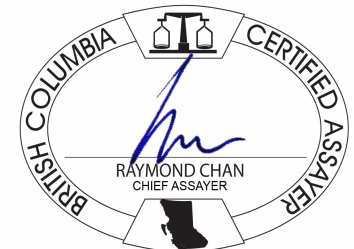
Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	127	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	7	Split samples by riffle splitter			SMI
P200	7	Pulverize to 85% passing 200 mesh			VAN
7TD2	134	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	134	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	134	Analysis by Leco	0.1	Completed	VAN
G6	134	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322467	Drill Core	7.19	0.014	0.122	<0.02	<0.01	<2	<0.001	0.002	0.07	5.43	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.12	<0.001	2.33	9.21
2322468	Drill Core	6.48	0.062	0.120	<0.02	<0.01	<2	0.003	0.003	0.11	5.64	<0.02	0.03	<0.001	<0.01	<0.01	5.71	0.09	0.005	3.45	8.95
2322469	Drill Core	7.33	0.003	0.057	<0.02	<0.01	<2	<0.001	0.002	0.07	5.41	<0.02	0.05	<0.001	<0.01	<0.01	3.63	0.11	0.002	2.36	8.98
2322470	Drill Core	7.57	0.012	0.094	<0.02	<0.01	<2	<0.001	0.002	0.07	4.94	<0.02	0.05	<0.001	<0.01	<0.01	3.20	0.12	<0.001	2.08	8.96
2322471	Drill Core	7.22	0.003	0.061	<0.02	<0.01	<2	<0.001	0.002	0.08	5.40	<0.02	0.05	<0.001	<0.01	<0.01	4.62	0.10	0.003	2.57	8.67
2322472	Drill Core	7.17	0.007	0.072	<0.02	<0.01	<2	0.001	0.002	0.09	5.55	<0.02	0.04	<0.001	<0.01	<0.01	4.58	0.10	0.004	2.72	8.85
2322473	Drill Core	7.37	0.002	0.015	<0.02	<0.01	<2	0.005	0.004	0.12	6.57	<0.02	0.03	<0.001	<0.01	<0.01	7.54	0.07	0.009	3.65	8.66
2322474	Drill Core	5.99	<0.001	0.007	<0.02	<0.01	<2	0.006	0.004	0.12	6.25	<0.02	0.03	<0.001	<0.01	<0.01	8.54	0.05	0.012	3.66	8.87
2322475	Drill Core	7.30	0.005	0.059	<0.02	<0.01	<2	0.002	0.003	0.10	5.59	<0.02	0.02	<0.001	<0.01	<0.01	6.39	0.08	0.006	2.98	8.48
2322476	Drill Core	7.12	0.007	0.102	<0.02	<0.01	<2	<0.001	0.001	0.07	4.06	<0.02	0.02	<0.001	<0.01	<0.01	5.01	0.11	<0.001	1.60	8.19
2322477	Drill Core	5.90	0.078	0.153	<0.02	<0.01	<2	<0.001	0.001	0.10	3.34	<0.02	0.02	<0.001	<0.01	<0.01	7.73	0.11	<0.001	1.53	7.88
2322478	Drill Core	6.54	0.032	0.159	<0.02	<0.01	<2	<0.001	0.001	0.06	2.84	<0.02	0.02	<0.001	<0.01	<0.01	4.55	0.11	<0.001	1.57	7.92
2322479	Drill Core	8.96	0.066	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.15	<0.02	<0.01	<0.001	<0.01	<0.01	1.16	0.09	<0.001	1.34	7.12
2322480	Drill Core	5.27	0.037	0.026	<0.02	<0.01	<2	<0.001	<0.001	<0.01	0.90	<0.02	<0.01	<0.001	<0.01	<0.01	0.60	0.11	<0.001	0.70	8.08
2322481	Drill Core	7.41	0.077	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.87	<0.02	<0.01	<0.001	<0.01	<0.01	1.36	0.15	<0.001	1.10	7.99
2322482 Dup of 2322481	CORE DUP		0.075	0.013	<0.02	<0.01	<2	<0.001	<0.001	0.02	0.87	<0.02	<0.01	<0.001	<0.01	<0.01	1.40	0.15	<0.001	1.11	8.12
2322483	Drill Core	6.25	0.082	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.01	1.14	<0.02	<0.01	<0.001	<0.01	<0.01	0.74	0.13	0.001	1.02	7.79
2322484	Drill Core	4.22	0.038	0.061	<0.02	<0.01	<2	<0.001	<0.001	<0.01	1.00	<0.02	<0.01	<0.001	<0.01	<0.01	0.64	0.15	<0.001	0.64	8.61
2322485	Rock Pulp	0.20	0.025	0.471	<0.02	<0.01	<2	0.004	0.001	0.08	4.75	<0.02	0.03	<0.001	<0.01	<0.01	2.62	0.06	0.006	1.38	6.39
2322486	Drill Core	2.62	0.028	0.362	<0.02	<0.01	3	<0.001	0.001	0.04	2.27	<0.02	0.01	<0.001	<0.01	<0.01	2.27	0.15	<0.001	1.18	8.37
2322487	Drill Core	2.70	0.033	0.383	<0.02	<0.01	4	<0.001	0.001	0.04	2.14	<0.02	0.01	<0.001	<0.01	<0.01	2.31	0.15	<0.001	1.17	7.91
2322488	Drill Core	8.01	0.017	0.220	<0.02	<0.01	<2	<0.001	0.002	0.05	2.93	<0.02	0.01	<0.001	<0.01	<0.01	2.77	0.14	<0.001	1.29	7.73
2322489	Rock	5.48	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.05	<0.001	<0.01	<0.01	1.49	0.03	<0.001	0.24	6.79
2322490	Drill Core	7.24	0.026	0.313	<0.02	<0.01	3	0.001	0.002	0.06	3.51	<0.02	0.02	<0.001	<0.01	<0.01	3.03	0.14	<0.001	1.41	7.34
2322491	Drill Core	8.31	0.023	0.280	<0.02	<0.01	2	<0.001	0.002	0.06	2.79	<0.02	0.01	<0.001	<0.01	<0.01	2.78	0.14	0.002	1.38	7.57
2322492	Drill Core	3.21	0.032	0.117	<0.02	<0.01	2	<0.001	0.001	0.05	2.49	<0.02	0.02	<0.001	<0.01	<0.01	2.86	0.12	<0.001	1.38	7.44
2322493	Drill Core	3.43	0.034	0.129	<0.02	<0.01	<2	<0.001	0.001	0.05	2.40	<0.02	0.01	<0.001	<0.01	<0.01	2.75	0.12	<0.001	1.31	6.57
2322494	Drill Core	8.13	0.013	0.609	<0.02	<0.01	4	<0.001	0.003	0.05	5.47	<0.02	0.01	<0.001	<0.01	<0.01	2.81	0.13	0.002	1.50	7.65
2322495	Rock	3.83	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.29	<0.02	0.05	<0.001	<0.01	<0.01	1.45	0.03	<0.001	0.20	6.75
2322496	Drill Core	8.00	0.011	0.227	<0.02	<0.01	<2	<0.001	0.002	0.05	2.69	<0.02	0.02	<0.001	<0.01	<0.01	2.64	0.12	0.001	1.40	6.48

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322467	Drill Core	3.89	0.92	<0.01	0.27	126.0	1126.1	1.3	57	0.3	2.7	14.6	630	4.44	5.1	15.7	0.5	43	<0.1	0.2	<0.1
2322468	Drill Core	2.59	0.94	<0.01	0.23	568.5	1195.7	4.5	56	0.6	20.6	20.7	743	4.34	8.9	52.1	0.4	82	0.3	0.5	0.3
2322469	Drill Core	3.73	0.72	<0.01	0.12	22.9	573.4	2.1	55	0.2	6.0	13.9	556	4.59	4.2	9.5	0.5	47	<0.1	0.5	0.1
2322470	Drill Core	3.91	0.75	<0.01	0.13	102.4	953.1	1.3	51	0.3	2.6	12.1	530	4.41	3.7	75.5	0.5	46	<0.1	0.5	0.2
2322471	Drill Core	3.27	0.54	<0.01	0.10	29.6	619.9	1.5	47	0.2	16.5	18.6	742	4.86	3.9	7.8	0.4	54	<0.1	0.5	0.2
2322472	Drill Core	3.36	0.52	<0.01	0.20	59.8	741.6	3.5	51	0.4	17.2	18.8	709	4.91	5.9	10.6	0.5	64	0.2	0.6	0.3
2322473	Drill Core	1.93	0.36	<0.01	0.10	22.0	148.3	3.2	43	0.1	43.6	29.6	892	5.29	9.9	1.6	0.3	97	0.1	0.6	<0.1
2322474	Drill Core	1.36	0.56	<0.01	0.06	0.7	67.3	2.3	41	<0.1	59.4	31.7	928	5.09	5.6	<0.5	0.2	118	<0.1	0.4	<0.1
2322475	Drill Core	2.06	1.04	<0.01	0.15	48.1	610.0	1.7	47	0.1	28.2	22.6	852	4.74	8.9	2.6	0.3	72	<0.1	0.4	0.1
2322476	Drill Core	2.86	1.26	<0.01	0.14	67.6	1073.2	0.9	39	0.2	4.7	12.2	734	3.53	4.4	11.6	0.4	50	0.1	0.3	<0.1
2322477	Drill Core	2.46	1.21	<0.01	0.27	738.8	1549.3	1.5	35	0.4	2.7	12.0	984	3.05	3.4	35.8	0.4	101	0.6	0.6	0.5
2322478	Drill Core	3.08	1.36	<0.01	0.58	278.2	1641.7	1.5	38	0.3	3.4	12.7	632	2.60	2.9	38.1	0.4	131	0.1	0.3	0.4
2322479	Drill Core	0.42	1.68	<0.01	0.31	638.5	433.4	1.4	4	0.3	0.8	1.7	146	0.57	15.2	8.1	0.3	19	0.4	0.6	0.5
2322480	Drill Core	0.67	2.21	<0.01	0.26	306.6	270.9	1.4	3	0.3	0.6	1.3	54	0.43	1.1	1.9	0.5	8	0.1	0.1	0.4
2322481	Drill Core	2.07	1.37	<0.01	0.12	663.5	148.5	1.0	6	0.2	0.7	0.9	147	0.40	2.0	6.3	0.6	17	0.4	0.1	0.2
2322482 Dup of 2322481	CORE DUP	2.16	1.65	<0.01	0.12	704.8	150.7	1.0	6	0.2	1.0	1.0	155	0.41	1.7	7.0	0.6	18	0.3	0.2	0.2
2322483	Drill Core	0.41	1.55	<0.01	0.34	736.7	353.8	1.2	1	0.6	1.0	1.8	71	0.49	5.3	12.7	0.7	18	0.4	0.2	0.6
2322484	Drill Core	0.36	2.84	<0.01	0.31	364.0	626.6	0.9	2	0.5	0.8	2.2	53	0.43	1.6	4.7	0.8	18	0.2	<0.1	0.2
2322485	Rock Pulp	2.35	0.93	<0.01	0.60	241.8	4778.5	4.1	46	0.6	32.6	10.6	462	3.53	6.2	396.1	0.8	31	0.2	0.5	<0.1
2322486	Drill Core	2.00	1.45	<0.01	0.87	232.2	3619.2	2.1	28	2.0	3.9	13.3	397	1.88	2.8	32.3	1.1	28	0.3	0.4	0.8
2322487	Drill Core	2.15	1.79	<0.01	0.85	261.6	3957.8	2.4	28	2.5	3.8	12.8	410	1.89	2.6	24.5	1.1	29	0.4	0.4	1.0
2322488	Drill Core	2.56	1.53	<0.01	1.28	160.1	2291.7	2.0	31	1.5	5.1	21.3	541	2.82	3.0	21.7	1.0	36	0.1	0.2	1.1
2322489	Rock	2.90	1.85	<0.01	<0.05	1.1	11.6	2.1	57	<0.1	1.5	2.5	305	1.38	0.7	0.6	6.9	22	<0.1	<0.1	<0.1
2322490	Drill Core	3.05	1.43	<0.01	1.55	203.3	3248.4	2.2	36	2.4	5.1	22.5	675	3.41	3.1	34.5	1.0	36	0.1	0.2	2.0
2322491	Drill Core	3.53	1.33	<0.01	0.92	219.4	2902.5	1.9	38	2.0	6.2	23.0	650	2.80	3.9	24.1	1.1	31	0.3	0.2	1.3
2322492	Drill Core	2.70	1.10	<0.01	0.66	279.3	1201.1	1.1	25	0.5	3.5	10.9	488	2.26	2.9	14.4	1.2	83	0.1	0.2	0.4
2322493	Drill Core	2.66	1.27	<0.01	0.59	331.6	1346.5	1.2	25	0.8	3.5	10.4	494	2.27	3.4	26.1	1.1	38	0.2	0.3	0.4
2322494	Drill Core	2.33	1.41	<0.01	2.88	95.4	6533.9	1.4	39	3.4	9.2	35.9	578	5.51	2.2	347.6	1.0	34	0.2	0.2	2.0
2322495	Rock	2.93	1.43	<0.01	<0.05	1.2	23.1	2.1	52	<0.1	1.4	2.3	289	1.25	1.1	<0.5	6.7	21	<0.1	<0.1	<0.1
2322496	Drill Core	3.70	0.94	<0.01	0.69	95.0	2349.9	1.3	39	0.8	4.3	20.2	546	2.75	2.2	74.0	1.0	37	<0.1	0.2	0.4

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322467	Drill Core	112	2.22	0.101	5	3	2.04	134	0.037	<20	2.33	0.150	0.12	0.1	<0.01	8.1	<0.1	0.23	9	<0.5	<0.2
2322468	Drill Core	103	3.21	0.074	5	11	2.36	202	0.062	<20	3.56	0.268	0.16	<0.1	<0.01	5.7	<0.1	0.22	9	0.6	<0.2
2322469	Drill Core	113	2.13	0.100	6	5	1.94	104	0.074	<20	2.35	0.185	0.09	0.3	<0.01	7.5	<0.1	0.11	9	<0.5	<0.2
2322470	Drill Core	121	1.80	0.105	4	4	1.81	88	0.099	<20	2.06	0.155	0.08	0.6	<0.01	7.5	<0.1	0.11	9	<0.5	<0.2
2322471	Drill Core	136	3.10	0.088	5	35	2.35	69	0.146	<20	2.85	0.196	0.07	0.8	<0.01	12.0	<0.1	0.10	9	<0.5	<0.2
2322472	Drill Core	129	2.60	0.088	5	17	2.24	96	0.164	<20	3.02	0.255	0.06	0.6	<0.01	10.0	<0.1	0.19	10	0.5	<0.2
2322473	Drill Core	133	4.19	0.056	5	47	2.51	57	0.132	<20	4.53	0.411	0.07	<0.1	<0.01	12.0	<0.1	0.09	9	<0.5	<0.2
2322474	Drill Core	115	5.56	0.041	5	74	2.59	41	0.054	<20	5.23	0.446	0.10	<0.1	<0.01	14.0	<0.1	0.05	8	<0.5	<0.2
2322475	Drill Core	109	4.70	0.075	6	36	2.29	22	0.026	<20	3.61	0.219	0.15	<0.1	<0.01	9.4	<0.1	0.13	8	<0.5	<0.2
2322476	Drill Core	85	4.99	0.106	8	6	1.46	26	0.008	<20	2.27	0.081	0.27	0.2	<0.01	7.3	<0.1	0.14	7	0.9	<0.2
2322477	Drill Core	64	7.34	0.097	10	2	1.41	282	0.006	<20	2.25	0.061	0.25	0.5	<0.01	6.9	<0.1	0.25	6	1.5	<0.2
2322478	Drill Core	69	4.53	0.107	6	3	1.42	54	0.004	<20	2.03	0.076	0.22	0.6	<0.01	7.2	<0.1	0.56	6	0.7	<0.2
2322479	Drill Core	3	1.06	0.096	<1	6	0.15	18	<0.001	29	0.36	0.011	0.17	0.6	0.01	0.5	0.2	0.31	<1	0.7	<0.2
2322480	Drill Core	2	0.63	0.104	<1	3	0.06	29	<0.001	<20	0.41	0.018	0.27	0.6	<0.01	0.3	<0.1	0.27	<1	<0.5	<0.2
2322481	Drill Core	5	1.26	0.153	1	5	0.15	20	0.001	26	0.45	0.037	0.18	0.8	<0.01	0.7	<0.1	0.12	<1	0.6	<0.2
2322482 Dup of 2322481	CORE DUP	5	1.33	0.153	1	4	0.16	21	0.001	31	0.49	0.041	0.19	0.6	<0.01	0.7	<0.1	0.12	<1	0.6	<0.2
2322483	Drill Core	2	0.71	0.111	<1	4	0.07	25	<0.001	25	0.38	0.015	0.24	0.9	0.01	0.4	<0.1	0.33	<1	<0.5	0.4
2322484	Drill Core	3	0.67	0.146	<1	2	0.04	49	<0.001	<20	0.43	0.019	0.30	1.1	<0.01	0.5	<0.1	0.31	<1	<0.5	0.3
2322485	Rock Pulp	57	0.74	0.056	4	33	0.78	99	0.110	<20	1.64	0.098	0.14	0.2	0.04	4.6	<0.1	0.61	5	1.0	<0.2
2322486	Drill Core	39	2.17	0.142	4	4	0.88	24	0.001	<20	1.36	0.046	0.27	1.2	0.02	2.8	<0.1	0.85	3	2.4	0.4
2322487	Drill Core	39	2.30	0.139	4	4	0.91	22	0.001	<20	1.30	0.047	0.24	1.2	<0.01	2.8	<0.1	0.87	3	2.1	0.4
2322488	Drill Core	51	2.77	0.136	5	5	1.11	23	0.002	<20	1.77	0.073	0.25	1.0	<0.01	3.2	<0.1	1.28	4	2.3	0.6
2322489	Rock	13	0.23	0.032	14	6	0.25	84	0.077	<20	0.58	0.082	0.32	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2
2322490	Drill Core	67	3.10	0.133	4	<1	1.31	30	0.002	<20	1.93	0.074	0.19	5.4	<0.01	5.0	<0.1	1.55	6	2.8	0.9
2322491	Drill Core	71	2.86	0.137	6	6	1.33	18	0.002	<20	1.96	0.095	0.19	4.7	<0.01	5.3	<0.1	0.95	6	2.6	0.5
2322492	Drill Core	50	2.87	0.117	5	6	1.07	178	0.002	<20	1.63	0.069	0.18	1.6	<0.01	3.8	<0.1	0.64	5	1.3	<0.2
2322493	Drill Core	51	2.89	0.123	5	6	1.09	43	0.002	<20	1.66	0.077	0.19	1.3	<0.01	3.7	<0.1	0.59	5	0.7	0.2
2322494	Drill Core	68	2.87	0.131	6	5	1.41	35	0.002	<20	2.26	0.065	0.21	9.4	<0.01	4.0	<0.1	2.85	7	3.5	1.6
2322495	Rock	11	0.22	0.029	13	8	0.21	67	0.066	<20	0.52	0.080	0.28	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2322496	Drill Core	67	2.75	0.121	7	7	1.36	62	0.005	<20	1.80	0.100	0.15	2.0	<0.01	4.6	<0.1	0.70	6	2.0	<0.2

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2322467	Drill Core	0.55	0.25	0.029
2322468	Drill Core	0.69	0.23	0.059
2322469	Drill Core	0.48	0.12	0.013
2322470	Drill Core	0.41	0.11	0.020
2322471	Drill Core	0.76	0.10	0.009
2322472	Drill Core	0.54	0.21	0.014
2322473	Drill Core	0.87	0.10	0.009
2322474	Drill Core	1.27	0.06	0.008
2322475	Drill Core	1.33	0.15	0.014
2322476	Drill Core	1.56	0.15	0.013
2322477	Drill Core	2.47	0.28	0.043
2322478	Drill Core	1.47	0.63	0.069
2322479	Drill Core	0.28	0.34	0.007
2322480	Drill Core	0.12	0.30	<0.005
2322481	Drill Core	0.28	0.13	0.007
2322482 Dup of 2322481	CORE DUP	0.30	0.13	0.008
2322483	Drill Core	0.14	0.37	0.017
2322484	Drill Core	0.10	0.31	0.008
2322485	Rock Pulp	0.07	0.64	0.504
2322486	Drill Core	0.62	0.96	0.027
2322487	Drill Core	0.65	0.96	0.028
2322488	Drill Core	0.83	1.39	0.019
2322489	Rock	<0.02	<0.02	<0.005
2322490	Drill Core	0.91	1.52	0.030
2322491	Drill Core	0.86	1.02	0.036
2322492	Drill Core	0.85	0.67	0.019
2322493	Drill Core	0.82	0.63	0.019
2322494	Drill Core	0.82	2.99	0.304
2322495	Rock	<0.02	<0.02	<0.005
2322496	Drill Core	0.84	0.73	0.031



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Project: 204920
Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322497 Dup of 2322496	CORE DUP		0.010	0.238	<0.02	<0.01	<2	<0.001	0.002	0.05	2.73	<0.02	0.02	<0.001	<0.01	<0.01	2.75	0.12	<0.001	1.43	7.36
2322498	Drill Core	7.84	0.015	0.515	<0.02	<0.01	3	<0.001	0.005	0.07	4.75	<0.02	0.02	<0.001	<0.01	<0.01	2.27	0.13	<0.001	1.79	7.86
2322499	Rock Pulp	0.16	0.008	0.379	<0.02	<0.01	<2	<0.001	0.001	0.03	3.69	<0.02	0.01	<0.001	<0.01	<0.01	1.47	0.06	0.002	2.08	7.92
2322500	Drill Core	7.68	0.001	0.182	<0.02	<0.01	<2	<0.001	<0.001	0.07	5.04	<0.02	0.02	<0.001	<0.01	<0.01	2.52	0.14	<0.001	2.11	7.91
2322501	Drill Core	8.27	0.008	0.148	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.30	<0.02	0.01	<0.001	<0.01	<0.01	2.30	0.15	<0.001	1.78	8.10
2322502	Drill Core	6.92	0.002	0.157	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.77	<0.02	0.02	<0.001	<0.01	<0.01	2.96	0.14	<0.001	1.62	7.92
2322503	Drill Core	7.93	0.007	0.322	<0.02	<0.01	<2	<0.001	0.001	0.06	3.89	<0.02	0.02	<0.001	<0.01	<0.01	2.83	0.14	<0.001	1.87	7.74
2322504	Drill Core	7.68	0.043	0.374	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.32	<0.02	0.02	<0.001	<0.01	<0.01	3.47	0.14	<0.001	1.86	7.90
2322505	Drill Core	7.80	0.011	0.461	<0.02	<0.01	9	<0.001	0.001	0.08	6.09	<0.02	0.02	<0.001	<0.01	<0.01	2.66	0.15	<0.001	2.38	8.27
2322506	Drill Core	7.49	0.059	0.269	<0.02	<0.01	3	<0.001	<0.001	0.06	4.86	<0.02	<0.01	<0.001	<0.01	<0.01	2.24	0.15	<0.001	1.49	7.59
2322507	Drill Core	7.37	0.155	0.406	<0.02	<0.01	4	<0.001	0.001	0.05	4.22	<0.02	<0.01	<0.001	<0.01	<0.01	2.80	0.16	<0.001	1.29	7.36
2322508	Drill Core	3.98	<0.001	0.007	<0.02	<0.01	<2	0.006	0.001	0.09	5.02	<0.02	0.04	<0.001	<0.01	<0.01	7.29	0.09	0.006	2.72	10.34
2322509	Drill Core	5.98	0.074	0.299	<0.02	<0.01	2	<0.001	0.001	0.05	4.50	<0.02	<0.01	<0.001	<0.01	<0.01	2.48	0.10	<0.001	1.09	6.89
2322510	Drill Core	6.09	0.064	0.186	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.08	<0.02	0.01	<0.001	<0.01	<0.01	2.74	0.11	<0.001	1.40	7.98
2322511	Drill Core	6.36	0.105	0.139	<0.02	<0.01	<2	<0.001	0.003	0.04	6.29	<0.02	<0.01	<0.001	<0.01	<0.01	2.42	0.09	<0.001	1.17	7.16
2322512	Drill Core	4.36	0.035	0.031	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.83	<0.02	0.01	<0.001	<0.01	<0.01	2.27	0.10	<0.001	1.01	7.34
2322513	Drill Core	4.91	0.022	0.303	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.52	<0.02	0.02	<0.001	<0.01	<0.01	3.30	0.10	<0.001	1.07	6.88
2322514	Drill Core	8.22	0.018	0.368	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.61	<0.02	0.02	<0.001	<0.01	<0.01	3.35	0.12	<0.001	1.02	7.20
2322515	Drill Core	7.10	0.031	0.369	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.03	<0.02	0.03	<0.001	<0.01	<0.01	2.57	0.11	<0.001	1.14	7.43
2322516	Drill Core	7.71	0.012	0.385	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.16	<0.02	0.03	<0.001	<0.01	<0.01	3.25	0.11	<0.001	0.66	6.84
2322517	Drill Core	6.83	0.009	0.337	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.65	<0.02	0.03	<0.001	<0.01	<0.01	2.23	0.12	<0.001	1.18	7.47
2322518	Drill Core	7.74	0.012	0.211	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.43	<0.02	0.02	<0.001	<0.01	<0.01	3.40	0.11	<0.001	1.06	6.22
2322519	Drill Core	7.32	0.021	0.285	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.17	<0.02	0.02	<0.001	<0.01	<0.01	2.45	0.11	<0.001	1.09	7.59
2322520	Drill Core	6.35	0.006	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.08	<0.02	0.03	<0.001	<0.01	<0.01	3.00	0.11	<0.001	0.63	7.02
2322521	Drill Core	7.08	0.017	0.157	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.63	<0.02	0.03	<0.001	<0.01	<0.01	2.26	0.11	<0.001	0.69	7.07
2322522 Dup of 2322521	CORE DUP		0.017	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.63	<0.02	0.03	<0.001	<0.01	<0.01	2.26	0.11	<0.001	0.68	7.54
2322523	Drill Core	7.23	0.002	0.108	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.90	<0.02	0.03	<0.001	<0.01	<0.01	3.07	0.11	<0.001	1.09	7.39
2322524	Drill Core	6.46	0.004	0.047	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.03	<0.001	<0.01	<0.01	3.27	0.11	<0.001	1.11	7.64
2322525	Drill Core	6.91	0.003	0.102	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.02	<0.02	0.03	<0.001	<0.01	<0.01	2.78	0.11	<0.001	1.08	7.08
2322526	Rock Pulp	0.21	0.025	0.458	<0.02	<0.01	<2	0.003	<0.001	0.08	4.72	<0.02	0.03	<0.001	<0.01	<0.01	2.69	0.06	0.005	1.38	6.13

CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322497 Dup of 2322496	CORE DUP	3.71	1.06	<0.01	0.69	71.9	2469.2	1.3	39	0.9	4.8	19.2	542	2.70	2.4	35.7	1.1	38	<0.1	0.2	0.4
2322498	Drill Core	3.51	1.11	<0.01	2.53	99.4	5369.6	2.9	69	3.0	6.1	48.9	727	4.72	3.3	62.8	1.1	30	0.1	0.3	2.0
2322499	Rock Pulp	2.38	1.35	<0.01	0.89	76.0	3870.9	5.4	77	0.7	10.9	12.3	262	3.47	27.8	126.9	0.1	20	0.3	0.6	0.2
2322500	Drill Core	3.31	1.10	<0.01	0.92	14.0	1790.9	0.7	52	0.8	4.8	16.4	642	4.41	2.0	16.7	1.0	45	<0.1	0.2	0.4
2322501	Drill Core	2.40	1.46	<0.01	1.71	65.1	1474.6	0.9	40	1.5	4.9	15.7	483	3.65	2.0	17.7	0.9	33	0.1	0.2	1.0
2322502	Drill Core	3.64	1.05	<0.01	0.58	13.1	1541.2	0.6	45	0.6	4.9	16.2	454	3.45	2.4	273.1	1.1	40	<0.1	0.4	0.2
2322503	Drill Core	3.63	1.09	<0.01	1.30	44.9	3245.9	1.3	50	1.1	5.2	23.2	626	3.53	2.8	42.5	1.0	39	0.2	0.3	0.8
2322504	Drill Core	2.63	1.69	<0.01	0.96	384.8	3828.5	1.6	57	2.7	4.8	16.2	766	2.88	2.3	29.2	0.9	41	0.3	0.5	1.3
2322505	Drill Core	2.32	1.56	<0.01	2.46	54.8	4561.5	2.0	62	4.5	4.3	23.2	798	5.24	1.6	44.1	0.8	38	0.1	0.7	4.6
2322506	Drill Core	0.96	1.70	<0.01	3.15	401.0	2722.0	1.7	43	2.8	4.2	19.8	539	4.13	2.4	37.6	0.8	21	0.3	0.3	3.8
2322507	Drill Core	0.94	1.93	<0.01	2.64	1050.0	4136.6	5.1	33	4.6	4.5	21.9	491	3.64	4.5	63.8	0.7	35	0.6	0.9	6.7
2322508	Drill Core	1.62	0.91	<0.01	0.08	2.7	66.7	1.9	46	<0.1	29.9	22.1	875	4.35	2.2	3.0	0.2	213	<0.1	0.3	0.1
2322509	Drill Core	0.72	1.60	<0.01	3.42	548.6	3096.4	4.2	21	2.5	2.2	16.1	449	3.79	1.8	29.4	0.7	28	0.3	0.3	3.9
2322510	Drill Core	1.35	1.70	<0.01	1.45	562.1	1850.9	3.7	30	2.1	2.6	12.6	486	2.33	1.1	16.1	0.7	35	0.4	0.3	2.4
2322511	Drill Core	0.46	2.63	<0.01	5.30	905.6	1416.1	7.3	19	2.9	3.7	35.3	411	5.07	1.3	40.0	0.7	29	0.5	0.3	5.4
2322512	Drill Core	3.47	1.52	<0.01	0.61	263.3	325.6	1.2	17	0.4	1.2	5.5	357	1.20	1.3	6.3	0.8	27	0.2	0.2	0.9
2322513	Drill Core	2.18	1.83	<0.01	1.14	190.5	3028.5	2.0	26	1.6	2.0	9.2	496	2.12	1.9	15.1	0.8	38	0.2	0.2	1.2
2322514	Drill Core	2.95	1.50	<0.01	0.97	130.7	3683.7	1.6	32	1.6	2.1	11.7	453	2.31	3.4	61.0	1.0	47	0.1	0.2	0.8
2322515	Drill Core	3.62	1.20	<0.01	0.60	256.7	3675.6	1.6	32	1.5	2.0	7.0	340	1.81	1.8	66.3	1.0	31	0.1	0.4	0.5
2322516	Drill Core	2.69	1.60	<0.01	1.12	97.4	3932.5	1.4	26	1.8	2.1	10.7	363	1.94	2.3	30.0	0.7	133	<0.1	<0.1	0.8
2322517	Drill Core	3.46	1.18	<0.01	0.83	80.9	3388.7	1.7	43	2.4	1.9	9.9	442	2.47	2.4	31.1	0.9	39	<0.1	<0.1	1.1
2322518	Drill Core	2.78	1.31	<0.01	0.80	113.7	2153.3	1.6	32	1.5	1.9	7.3	501	2.21	1.6	17.5	0.8	77	<0.1	<0.1	1.0
2322519	Drill Core	3.17	1.49	<0.01	0.63	193.0	2849.6	1.9	27	1.6	2.3	6.3	373	1.89	1.6	35.5	0.8	38	0.1	0.1	0.8
2322520	Drill Core	4.10	0.93	<0.01	0.21	63.2	318.0	0.8	16	0.2	1.5	2.8	322	0.94	2.9	5.4	0.8	64	<0.1	0.3	0.1
2322521	Drill Core	3.97	1.18	<0.01	0.42	147.9	1559.3	1.3	17	0.9	1.8	4.9	268	1.48	2.5	13.0	0.8	43	<0.1	<0.1	0.4
2322522 Dup of 2322521	CORE DUP	4.12	1.15	<0.01	0.41	128.6	1485.8	1.3	17	0.8	1.8	4.8	267	1.50	2.3	11.5	0.9	42	<0.1	<0.1	0.4
2322523	Drill Core	3.78	0.89	<0.01	0.34	25.9	1086.0	0.9	27	0.4	2.0	8.1	375	2.71	2.9	30.4	0.8	72	<0.1	<0.1	<0.1
2322524	Drill Core	3.87	0.86	<0.01	0.12	43.9	470.1	0.8	26	0.2	1.8	5.5	378	2.79	2.7	6.7	0.8	74	<0.1	<0.1	<0.1
2322525	Drill Core	3.94	0.97	<0.01	0.24	29.7	991.8	0.8	24	0.2	2.2	5.7	347	2.64	2.7	18.0	0.8	64	<0.1	0.2	<0.1
2322526	Rock Pulp	2.32	0.91	<0.01	0.57	234.0	4511.5	3.8	44	0.8	29.2	10.2	443	3.34	5.3	360.1	0.7	30	0.4	0.5	<0.1



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Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000385.1

Method Analyte Unit MDL	1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
2322497 Dup of 2322496 CORE DUP	67	2.72	0.123	7	6	1.36	63	0.005	<20	1.78	0.086	0.14	2.2	<0.01	4.4	<0.1	0.69	6	1.9	<0.2
2322498 Drill Core	89	2.11	0.122	5	6	1.70	44	0.002	<20	2.10	0.081	0.16	18.5	<0.01	5.7	<0.1	2.48	7	5.0	0.4
2322499 Rock Pulp	198	1.12	0.052	3	18	1.87	21	0.048	<20	2.60	0.135	0.62	0.9	0.03	13.0	0.2	0.87	8	5.8	<0.2
2322500 Drill Core	95	2.21	0.122	7	6	1.86	68	0.012	<20	2.64	0.075	0.15	2.5	<0.01	6.8	<0.1	0.76	9	1.1	<0.2
2322501 Drill Core	71	2.07	0.138	5	5	1.44	37	0.004	<20	1.95	0.052	0.20	1.3	<0.01	5.0	<0.1	1.56	7	1.3	0.6
2322502 Drill Core	84	2.61	0.130	8	5	1.46	54	0.015	<20	2.22	0.078	0.14	1.6	<0.01	5.9	<0.1	0.53	8	0.8	<0.2
2322503 Drill Core	87	2.52	0.122	6	6	1.61	81	0.005	<20	2.12	0.078	0.13	12.2	<0.01	6.2	<0.1	1.20	8	2.0	<0.2
2322504 Drill Core	78	3.10	0.135	7	5	1.50	42	0.004	<20	1.99	0.055	0.19	45.9	<0.01	5.5	<0.1	0.92	7	1.7	0.3
2322505 Drill Core	96	2.33	0.131	6	4	2.02	52	0.004	<20	2.62	0.052	0.18	4.8	0.01	6.8	<0.1	2.29	9	3.7	1.9
2322506 Drill Core	48	2.06	0.144	4	4	1.10	35	0.002	<20	1.44	0.026	0.24	27.0	<0.01	3.6	<0.1	2.95	5	3.3	2.2
2322507 Drill Core	37	2.64	0.145	5	3	0.94	86	0.002	<20	1.52	0.032	0.26	9.6	0.02	2.8	<0.1	2.51	4	3.9	4.1
2322508 Drill Core	135	6.11	0.076	6	44	2.33	44	0.002	<20	5.41	0.299	0.12	<0.1	0.01	15.0	<0.1	0.07	10	<0.5	<0.2
2322509 Drill Core	10	2.31	0.094	3	4	0.71	28	<0.001	<20	0.94	0.027	0.21	7.3	0.01	1.2	<0.1	3.21	2	3.2	2.0
2322510 Drill Core	17	2.42	0.105	2	3	0.95	29	0.001	<20	1.32	0.037	0.25	4.4	<0.01	1.5	<0.1	1.36	3	2.0	1.3
2322511 Drill Core	11	2.19	0.087	2	3	0.61	34	0.002	<20	0.85	0.024	0.21	4.1	0.02	0.8	<0.1	4.84	2	4.7	3.0
2322512 Drill Core	9	2.07	0.103	2	4	0.49	23	<0.001	<20	0.65	0.053	0.15	1.0	0.01	0.7	<0.1	0.58	2	<0.5	0.3
2322513 Drill Core	13	3.01	0.100	4	3	0.80	25	<0.001	<20	1.17	0.054	0.19	4.6	<0.01	1.5	<0.1	1.12	3	1.8	0.5
2322514 Drill Core	18	2.86	0.108	7	3	0.83	47	0.001	<20	1.44	0.074	0.16	2.8	<0.01	2.2	<0.1	0.94	4	2.3	<0.2
2322515 Drill Core	21	2.07	0.102	6	4	0.94	27	0.001	<20	1.28	0.077	0.11	4.6	0.01	2.0	<0.1	0.58	4	2.9	0.2
2322516 Drill Core	14	3.00	0.108	6	4	0.53	82	<0.001	<20	1.13	0.068	0.17	1.0	<0.01	2.3	<0.1	1.10	3	2.7	0.3
2322517 Drill Core	23	1.89	0.113	7	4	1.02	41	<0.001	<20	1.59	0.080	0.13	2.6	<0.01	2.6	<0.1	0.82	6	2.2	0.4
2322518 Drill Core	17	3.22	0.113	6	4	0.81	171	0.001	<20	1.51	0.075	0.16	5.5	0.01	2.1	<0.1	0.81	5	0.9	0.5
2322519 Drill Core	18	2.20	0.105	6	4	0.83	31	0.001	<20	1.48	0.073	0.15	9.9	0.01	2.1	<0.1	0.62	5	1.4	0.5
2322520 Drill Core	9	2.74	0.115	5	3	0.52	129	<0.001	<20	0.99	0.088	0.10	1.1	<0.01	1.6	<0.1	0.22	3	<0.5	<0.2
2322521 Drill Core	12	2.08	0.107	5	3	0.58	63	<0.001	<20	1.12	0.082	0.12	1.4	0.01	1.6	<0.1	0.44	3	0.6	<0.2
2322522 Dup of 2322521 CORE DUP	12	2.06	0.113	5	3	0.58	63	<0.001	<20	1.11	0.081	0.12	1.6	0.01	1.7	<0.1	0.43	3	0.9	<0.2
2322523 Drill Core	23	2.67	0.106	9	4	1.00	156	0.003	<20	1.92	0.104	0.13	9.3	<0.01	3.3	<0.1	0.33	6	0.9	<0.2
2322524 Drill Core	24	2.83	0.111	9	4	0.99	135	0.003	<20	1.93	0.104	0.13	0.3	<0.01	3.4	<0.1	0.13	6	<0.5	<0.2
2322525 Drill Core	24	2.34	0.102	7	4	0.97	148	0.004	<20	1.73	0.100	0.13	0.3	<0.01	3.0	<0.1	0.24	6	<0.5	<0.2
2322526 Rock Pulp	58	0.73	0.050	3	31	0.76	93	0.111	<20	1.55	0.094	0.14	0.2	0.04	4.3	<0.1	0.59	5	<0.5	<0.2

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Project: 204920

Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2322497 Dup of 2322496	CORE DUP	0.74	0.72	0.030
2322498	Drill Core	0.59	2.49	0.038
2322499	Rock Pulp	0.20	0.91	0.113
2322500	Drill Core	0.61	0.89	0.018
2322501	Drill Core	0.62	1.78	0.022
2322502	Drill Core	0.78	0.64	0.023
2322503	Drill Core	0.75	1.35	0.033
2322504	Drill Core	0.90	1.00	0.027
2322505	Drill Core	0.64	2.60	0.059
2322506	Drill Core	0.57	3.15	0.027
2322507	Drill Core	0.80	2.91	0.062
2322508	Drill Core	1.53	0.10	<0.005
2322509	Drill Core	0.79	3.41	0.031
2322510	Drill Core	0.82	1.52	0.017
2322511	Drill Core	0.71	5.45	0.044
2322512	Drill Core	0.67	0.69	0.006
2322513	Drill Core	0.99	1.24	0.020
2322514	Drill Core	0.90	1.06	0.059
2322515	Drill Core	0.54	0.65	0.066
2322516	Drill Core	0.78	1.22	0.033
2322517	Drill Core	0.47	0.93	0.029
2322518	Drill Core	1.00	0.86	0.020
2322519	Drill Core	0.60	0.70	0.028
2322520	Drill Core	0.78	0.24	0.007
2322521	Drill Core	0.61	0.51	0.015
2322522 Dup of 2322521	CORE DUP	0.54	0.44	0.014
2322523	Drill Core	0.85	0.40	0.021
2322524	Drill Core	0.90	0.15	0.011
2322525	Drill Core	0.72	0.28	0.018
2322526	Rock Pulp	0.08	0.70	0.574

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322527	Drill Core	3.33	0.004	0.219	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.79	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.12	<0.001	1.00	8.11
2322528	Drill Core	3.44	0.007	0.269	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.85	<0.02	0.03	<0.001	<0.01	<0.01	2.85	0.11	<0.001	0.98	6.88
2322529	Drill Core	7.31	0.001	0.030	<0.02	<0.01	<2	0.002	0.002	0.08	4.82	<0.02	0.03	<0.001	<0.01	<0.01	4.52	0.09	0.008	2.87	7.90
2322530	Rock	4.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.46	<0.02	0.05	<0.001	<0.01	<0.01	1.61	0.03	<0.001	0.23	6.60
2322531	Drill Core	7.01	0.008	0.088	<0.02	<0.01	<2	0.002	<0.001	0.07	3.71	<0.02	0.01	<0.001	<0.01	<0.01	3.69	0.08	0.009	2.76	7.27
2322532	Rock Pulp	0.17	0.003	0.072	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.31	<0.02	0.05	<0.001	<0.01	<0.01	2.18	0.07	<0.001	0.64	6.54
2322533	Drill Core	7.20	0.037	0.081	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.68	<0.02	0.01	<0.001	<0.01	<0.01	2.50	0.08	0.005	1.72	7.71
2322534	Rock	4.79	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.46	<0.02	0.05	<0.001	<0.01	<0.01	1.55	0.03	<0.001	0.24	6.33
2322535	Drill Core	7.34	0.045	0.076	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.82	<0.02	<0.01	<0.001	<0.01	<0.01	1.40	0.11	0.009	1.43	8.34
2322536	Drill Core	3.17	<0.001	0.002	<0.02	<0.01	<2	0.002	0.002	0.10	5.68	<0.02	0.02	<0.001	<0.01	<0.01	7.25	0.08	0.002	2.45	8.83
2322537	Drill Core	6.36	0.013	0.276	<0.02	<0.01	2	<0.001	0.002	0.06	4.58	<0.02	0.01	<0.001	<0.01	<0.01	2.93	0.12	0.001	1.48	7.95
2322538	Drill Core	7.45	0.014	0.198	<0.02	<0.01	<2	<0.001	0.002	0.06	5.05	<0.02	0.01	<0.001	<0.01	<0.01	2.16	0.12	<0.001	1.98	7.62
2322539 Dup of 2322538	CORE DUP		0.015	0.214	<0.02	<0.01	<2	<0.001	0.002	0.06	5.10	<0.02	0.02	<0.001	<0.01	<0.01	2.25	0.11	0.002	1.95	8.06
2322540	Drill Core	3.53	0.004	0.080	<0.02	<0.01	<2	0.001	0.001	0.06	4.81	<0.02	0.02	<0.001	<0.01	<0.01	2.47	0.12	0.003	1.98	9.00
2322541	Drill Core	3.20	0.003	0.079	<0.02	<0.01	<2	0.001	0.001	0.06	4.76	<0.02	0.02	<0.001	<0.01	<0.01	2.59	0.12	0.002	1.92	8.78
2322542	Drill Core	7.42	<0.001	0.027	<0.02	<0.01	<2	0.001	<0.001	0.07	4.35	<0.02	0.02	<0.001	<0.01	<0.01	3.87	0.11	<0.001	1.41	8.04
2322543	Drill Core	6.78	0.001	0.104	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.12	<0.02	0.01	<0.001	<0.01	<0.01	3.08	0.11	<0.001	1.16	8.75
2322544	Drill Core	7.42	0.009	0.087	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.21	<0.02	0.01	<0.001	<0.01	<0.01	2.66	0.11	<0.001	1.43	8.36
2322545	Drill Core	6.40	0.012	0.098	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.96	<0.02	0.01	<0.001	<0.01	<0.01	3.22	0.13	0.001	1.29	8.94
2322546	Drill Core	7.02	0.057	0.133	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.66	<0.02	<0.01	<0.001	<0.01	<0.01	2.90	0.12	<0.001	0.84	8.32
2322547	Drill Core	5.46	0.017	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.48	<0.02	0.02	<0.001	<0.01	<0.01	3.83	0.12	<0.001	0.73	8.70
2322548	Drill Core	6.38	<0.001	0.034	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.73	<0.02	0.03	<0.001	<0.01	<0.01	3.06	0.13	<0.001	1.17	8.86
2322549	Drill Core	7.22	0.003	0.182	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.69	<0.02	0.03	<0.001	<0.01	<0.01	2.34	0.12	<0.001	1.09	7.97
2322550	Drill Core	7.32	0.006	0.035	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.50	<0.02	0.04	<0.001	<0.01	<0.01	4.10	0.11	<0.001	1.12	8.33
2322551	Drill Core	6.39	0.002	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.87	<0.02	0.03	<0.001	<0.01	<0.01	2.25	0.13	0.003	1.31	9.13
2322552	Drill Core	6.04	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.70	<0.02	0.03	<0.001	<0.01	<0.01	2.63	0.12	0.001	1.20	8.59
2322553	Drill Core	6.74	0.002	0.033	<0.02	<0.01	<2	<0.001	<0.001	0.04	4.17	<0.02	0.04	<0.001	<0.01	<0.01	2.89	0.12	<0.001	1.27	8.73
2322554	Drill Core	7.02	0.002	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.53	<0.02	0.03	<0.001	<0.01	<0.01	2.87	0.12	<0.001	1.06	8.90
2322555	Drill Core	6.20	0.002	0.023	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.61	<0.02	0.03	<0.001	<0.01	<0.01	3.01	0.12	<0.001	1.18	8.15
2322556	Drill Core	5.93	0.001	0.050	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.60	<0.02	0.02	<0.001	<0.01	<0.01	2.57	0.12	<0.001	1.20	8.90

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322527	Drill Core	3.94	1.35	<0.01	0.36	38.7	2227.9	1.5	22	1.0	2.1	4.7	320	1.57	1.7	64.0	0.8	47	<0.1	0.4	0.5
2322528	Drill Core	3.91	1.21	<0.01	0.43	74.8	2746.5	1.7	21	1.2	2.0	5.3	354	1.68	1.5	42.0	0.9	47	<0.1	0.5	0.7
2322529	Drill Core	1.77	1.12	<0.01	1.18	19.3	324.1	1.9	53	0.3	22.0	23.8	714	4.00	2.4	5.4	0.6	88	<0.1	<0.1	0.3
2322530	Rock	3.03	1.86	<0.01	<0.05	0.4	13.1	2.1	54	<0.1	1.2	2.4	315	1.36	<0.5	<0.5	6.7	21	<0.1	<0.1	<0.1
2322531	Drill Core	0.71	1.35	<0.01	1.11	82.0	891.2	2.1	69	0.7	20.1	14.7	719	3.10	1.3	6.8	0.4	66	0.1	<0.1	0.8
2322532	Rock Pulp	3.26	1.74	<0.01	0.24	42.3	734.5	23.8	50	0.4	8.7	9.2	234	2.18	3.1	1.4	3.0	49	0.3	<0.1	0.2
2322533	Drill Core	0.30	2.14	<0.01	1.40	281.3	834.6	1.4	24	0.9	7.6	9.5	352	2.04	0.6	10.0	0.3	86	0.2	<0.1	1.0
2322534	Rock	3.01	2.06	<0.01	<0.05	1.0	12.6	1.8	53	<0.1	1.4	2.4	323	1.48	<0.5	<0.5	6.3	20	<0.1	<0.1	<0.1
2322535	Drill Core	0.33	2.94	<0.01	1.11	411.8	754.1	2.9	15	1.1	3.8	8.7	247	2.02	1.1	12.0	0.5	55	<0.1	0.2	2.0
2322536	Drill Core	1.34	1.75	<0.01	0.11	1.6	23.5	3.2	77	<0.1	12.3	27.2	1010	4.63	5.4	1.2	1.1	135	0.1	<0.1	<0.1
2322537	Drill Core	1.20	2.89	<0.01	2.20	123.5	2755.5	2.2	25	0.9	5.0	20.1	541	3.56	3.4	12.1	0.7	87	<0.1	<0.1	3.2
2322538	Drill Core	2.33	1.56	<0.01	1.91	132.0	2125.0	1.5	39	0.4	8.8	23.8	607	4.39	5.1	17.7	1.3	67	0.1	0.1	1.5
2322539 Dup of 2322538	CORE DUP	2.31	1.61	<0.01	2.06	147.1	2211.9	1.6	38	0.5	8.7	26.0	613	4.52	5.4	12.2	1.2	65	<0.1	0.1	2.5
2322540	Drill Core	2.27	1.82	<0.01	0.84	47.1	803.7	1.4	47	0.2	9.1	16.8	641	3.98	4.6	4.1	1.1	76	<0.1	<0.1	0.5
2322541	Drill Core	2.34	1.85	<0.01	0.85	33.0	796.6	1.3	46	0.2	8.8	16.5	615	3.92	4.0	5.2	1.0	56	<0.1	<0.1	0.4
2322542	Drill Core	2.28	1.88	<0.01	1.06	2.4	268.1	4.2	34	0.2	10.4	13.3	644	3.66	6.3	3.5	0.7	78	<0.1	0.1	0.4
2322543	Drill Core	2.12	2.23	<0.01	1.41	14.0	1060.6	1.3	33	0.4	3.1	15.8	484	3.33	4.7	22.1	0.8	56	<0.1	<0.1	0.8
2322544	Drill Core	1.68	2.25	<0.01	1.24	86.5	876.2	1.5	31	0.3	3.8	14.3	538	3.45	4.7	5.4	0.8	60	<0.1	<0.1	0.6
2322545	Drill Core	1.53	2.67	<0.01	0.63	121.5	974.1	1.9	32	0.3	2.5	9.1	631	3.19	4.1	6.0	1.0	48	<0.1	<0.1	0.9
2322546	Drill Core	0.86	3.17	<0.01	1.53	547.6	1408.9	3.6	22	0.7	2.4	10.5	491	3.05	3.6	22.7	0.9	60	0.3	<0.1	2.6
2322547	Drill Core	2.14	2.27	<0.01	0.15	179.9	269.3	1.1	24	0.1	1.6	3.5	456	2.75	2.5	4.6	0.9	75	0.2	<0.1	0.2
2322548	Drill Core	3.56	1.27	<0.01	1.23	4.9	348.8	1.9	28	0.2	2.1	9.5	335	3.15	6.7	4.1	1.2	75	<0.1	<0.1	0.3
2322549	Drill Core	3.90	1.16	<0.01	0.98	35.5	1915.1	1.6	27	0.6	2.1	11.4	292	3.14	6.5	14.5	1.2	59	<0.1	<0.1	0.2
2322550	Drill Core	3.65	1.19	<0.01	1.02	71.5	368.9	1.3	24	<0.1	1.9	6.8	423	3.11	3.9	3.4	1.0	161	<0.1	<0.1	<0.1
2322551	Drill Core	3.71	1.41	<0.01	0.26	14.9	429.4	1.0	25	<0.1	1.8	6.5	369	3.27	3.3	1.3	1.2	67	<0.1	<0.1	<0.1
2322552	Drill Core	3.97	1.13	<0.01	0.45	7.3	162.5	1.1	25	<0.1	2.3	7.3	369	3.14	4.5	<0.5	1.0	60	<0.1	<0.1	0.1
2322553	Drill Core	3.64	1.19	<0.01	0.39	25.0	329.6	1.5	25	<0.1	2.9	9.2	345	3.32	5.2	8.6	1.0	76	<0.1	<0.1	0.1
2322554	Drill Core	3.74	1.44	<0.01	0.38	28.0	284.5	1.4	21	<0.1	2.0	8.5	272	2.79	5.2	3.7	1.1	84	<0.1	<0.1	<0.1
2322555	Drill Core	3.57	1.39	<0.01	0.16	15.4	244.5	1.0	22	<0.1	1.8	5.2	314	2.97	3.7	2.9	1.1	85	<0.1	<0.1	<0.1
2322556	Drill Core	3.62	1.50	<0.01	0.21	17.8	515.7	1.1	23	0.1	2.1	6.7	303	2.91	4.3	2.4	1.1	62	<0.1	<0.1	<0.1

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
2322527 Drill Core	21	2.30	0.115	6	3	0.82	91	<0.001	<20	1.30	0.084	0.15	0.3	<0.01	2.3	<0.1	0.36	4	1.9	0.3	
2322528 Drill Core	21	2.59	0.113	6	3	0.84	62	0.001	<20	1.32	0.087	0.14	0.3	<0.01	2.5	<0.1	0.43	4	2.1	0.5	
2322529 Drill Core	116	3.36	0.080	4	88	2.36	100	0.009	<20	2.99	0.127	0.16	0.2	0.02	11.5	<0.1	1.08	8	2.2	<0.2	
2322530 Rock	13	0.21	0.029	13	5	0.24	73	0.070	<20	0.55	0.076	0.30	<0.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2	
2322531 Drill Core	84	3.14	0.072	3	77	2.11	53	0.003	<20	2.44	0.034	0.21	0.6	<0.01	7.7	<0.1	1.02	6	1.6	0.7	
2322532 Rock Pulp	38	0.64	0.063	8	13	0.59	56	0.047	<20	0.92	0.075	0.15	0.8	<0.01	2.2	<0.1	0.24	5	<0.5	<0.2	
2322533 Drill Core	29	2.21	0.072	1	28	0.92	78	<0.001	<20	1.26	0.013	0.18	1.8	0.01	2.9	<0.1	1.32	3	1.3	0.8	
2322534 Rock	13	0.21	0.030	13	7	0.25	71	0.071	<20	0.57	0.076	0.31	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2	
2322535 Drill Core	23	1.29	0.102	2	22	0.73	119	0.002	<20	1.23	0.013	0.28	0.8	0.02	2.5	<0.1	1.01	3	1.2	0.9	
2322536 Drill Core	114	7.49	0.078	12	22	2.15	32	0.002	<20	3.64	0.038	0.20	<0.1	<0.01	17.6	<0.1	0.08	9	<0.5	<0.2	
2322537 Drill Core	25	2.73	0.106	4	5	1.18	64	0.001	<20	1.75	0.028	0.25	0.5	0.01	2.6	<0.1	2.15	5	3.1	1.0	
2322538 Drill Core	79	2.17	0.112	5	12	1.92	39	0.007	<20	2.52	0.049	0.20	0.4	<0.01	4.9	<0.1	1.86	9	2.4	0.5	
2322539 Dup of 2322538	CORE DUP	75	2.19	0.108	5	11	1.84	39	0.005	<20	2.41	0.050	0.21	0.4	<0.01	4.8	<0.1	2.05	8	2.0	1.0
2322540 Drill Core	74	2.28	0.114	7	15	1.79	113	0.003	<20	2.71	0.057	0.23	0.3	<0.01	5.7	<0.1	0.80	9	0.6	<0.2	
2322541 Drill Core	70	2.37	0.111	7	16	1.71	46	0.003	<20	2.55	0.057	0.22	0.3	<0.01	5.6	<0.1	0.82	8	0.5	<0.2	
2322542 Drill Core	50	3.91	0.100	8	17	1.32	151	0.001	<20	2.15	0.060	0.24	0.2	<0.01	4.9	<0.1	1.01	6	0.8	<0.2	
2322543 Drill Core	27	2.95	0.110	8	4	0.97	131	0.001	<20	1.90	0.051	0.26	0.8	0.01	3.3	<0.1	1.35	5	1.2	<0.2	
2322544 Drill Core	33	2.52	0.100	6	5	1.24	41	0.001	<20	2.04	0.036	0.23	0.4	<0.01	3.2	<0.1	1.21	6	1.1	<0.2	
2322545 Drill Core	18	3.09	0.120	8	3	1.10	53	0.001	<20	2.13	0.038	0.30	0.4	<0.01	2.1	<0.1	0.61	6	<0.5	<0.2	
2322546 Drill Core	12	2.88	0.116	6	3	0.68	72	0.001	<20	1.53	0.030	0.32	1.9	0.01	1.8	<0.1	1.57	3	2.4	1.0	
2322547 Drill Core	18	3.67	0.109	11	3	0.64	77	0.001	<20	1.56	0.089	0.26	3.2	<0.01	2.2	<0.1	0.14	4	<0.5	<0.2	
2322548 Drill Core	27	2.39	0.123	8	6	1.08	79	0.008	<20	1.58	0.101	0.15	0.6	<0.01	3.0	<0.1	1.22	7	0.8	<0.2	
2322549 Drill Core	27	2.18	0.116	9	4	1.02	133	0.003	<20	1.75	0.095	0.17	0.4	<0.01	3.8	<0.1	0.98	7	0.9	0.2	
2322550 Drill Core	30	4.02	0.107	7	5	1.12	62	0.009	<20	1.78	0.086	0.14	0.6	<0.01	3.0	<0.1	1.00	7	<0.5	<0.2	
2322551 Drill Core	25	2.03	0.127	11	4	1.24	92	0.007	<20	2.09	0.086	0.19	1.8	<0.01	3.0	<0.1	0.25	8	<0.5	<0.2	
2322552 Drill Core	28	2.03	0.110	8	5	1.14	92	0.007	<20	1.65	0.095	0.14	7.7	<0.01	3.1	<0.1	0.42	7	<0.5	<0.2	
2322553 Drill Core	44	2.20	0.108	8	6	1.18	184	0.015	<20	1.76	0.105	0.15	18.3	<0.01	4.1	<0.1	0.38	8	<0.5	<0.2	
2322554 Drill Core	25	2.44	0.108	10	4	0.97	208	0.004	<20	1.70	0.090	0.20	0.6	<0.01	3.1	<0.1	0.37	6	<0.5	<0.2	
2322555 Drill Core	24	2.97	0.115	11	4	1.14	161	0.005	<20	1.91	0.084	0.19	0.3	<0.01	3.0	<0.1	0.15	7	<0.5	<0.2	
2322556 Drill Core	24	2.35	0.119	11	4	1.13	100	0.004	<20	1.90	0.082	0.21	0.4	<0.01	3.0	<0.1	0.21	7	<0.5	<0.2	

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Project: 204920

Report Date: November 25, 2013

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322527	Drill Core	0.67	0.39	0.051
2322528	Drill Core	0.75	0.50	0.104
2322529	Drill Core	1.12	1.18	0.007
2322530	Rock	<0.02	<0.02	<0.005
2322531	Drill Core	1.13	1.11	0.008
2322532	Rock Pulp	0.12	0.24	<0.005
2322533	Drill Core	0.52	1.45	0.011
2322534	Rock	<0.02	<0.02	<0.005
2322535	Drill Core	0.29	1.03	0.019
2322536	Drill Core	2.21	0.09	<0.005
2322537	Drill Core	0.78	2.21	0.017
2322538	Drill Core	0.54	1.90	0.017
2322539 Dup of 2322538	CORE DUP	0.53	2.11	0.025
2322540	Drill Core	0.56	0.87	0.008
2322541	Drill Core	0.61	0.87	0.007
2322542	Drill Core	1.13	1.11	0.007
2322543	Drill Core	0.85	1.47	0.021
2322544	Drill Core	0.71	1.34	0.009
2322545	Drill Core	0.78	0.67	0.008
2322546	Drill Core	0.80	1.65	0.028
2322547	Drill Core	0.90	0.15	0.007
2322548	Drill Core	0.52	1.24	0.008
2322549	Drill Core	0.50	1.01	0.028
2322550	Drill Core	0.75	1.03	0.006
2322551	Drill Core	0.44	0.24	0.017
2322552	Drill Core	0.53	0.49	0.005
2322553	Drill Core	0.53	0.42	0.015
2322554	Drill Core	0.63	0.40	0.009
2322555	Drill Core	0.77	0.16	0.005
2322556	Drill Core	0.57	0.22	0.011

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322557	Drill Core	6.75	0.003	0.053	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.81	<0.02	0.02	<0.001	<0.01	<0.01	2.71	0.12	<0.001	1.30	8.81
2322558	Drill Core	6.80	0.004	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.79	<0.02	0.02	<0.001	<0.01	<0.01	2.78	0.12	0.001	1.22	8.57
2322559	Drill Core	6.25	0.003	0.064	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.70	<0.02	0.03	<0.001	<0.01	<0.01	2.94	0.11	<0.001	1.13	8.42
2322560	Drill Core	5.86	0.001	0.063	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.78	<0.02	0.03	<0.001	<0.01	<0.01	2.43	0.12	0.002	1.18	8.71
2322561	Drill Core	7.45	0.005	0.052	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.83	<0.02	0.03	<0.001	<0.01	<0.01	2.93	0.12	0.002	1.13	8.14
2322562	Rock	5.44	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.63	<0.02	0.05	<0.001	<0.01	<0.01	1.72	0.03	0.001	0.27	7.17
2322563	Drill Core	3.33	0.004	0.055	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.73	<0.02	0.02	<0.001	<0.01	<0.01	3.08	0.12	0.001	1.14	8.80
2322564	Drill Core	3.23	0.005	0.060	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.75	<0.02	0.02	<0.001	<0.01	<0.01	3.07	0.11	0.001	1.16	8.94
2322565	Drill Core	4.65	0.014	0.251	<0.02	<0.01	2	<0.001	<0.001	0.03	2.46	<0.02	0.02	<0.001	<0.01	<0.01	2.69	0.12	0.001	0.96	8.54
2322566	Drill Core	4.86	0.010	0.102	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.51	<0.02	0.02	<0.001	<0.01	<0.01	3.07	0.12	<0.001	1.11	8.02
2322567 Dup of 2322566	CORE DUP		0.009	0.102	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.52	<0.02	0.02	<0.001	<0.01	<0.01	2.99	0.12	0.002	1.12	8.38
2322568	Drill Core	6.20	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.10	5.98	<0.02	0.03	<0.001	<0.01	<0.01	4.26	0.13	0.002	2.24	8.39
2322569	Rock Pulp	0.18	0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.33	<0.02	0.05	<0.001	<0.01	<0.01	2.01	0.06	0.002	0.56	8.07
2322570	Drill Core	6.36	0.100	0.086	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.74	<0.02	0.02	<0.001	<0.01	<0.01	2.18	0.12	<0.001	1.07	8.07
2322571	Drill Core	5.96	0.001	0.030	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.63	<0.02	<0.01	<0.001	<0.01	<0.01	1.83	0.12	<0.001	0.90	8.11
2322572	Rock Pulp	0.20	0.025	0.468	<0.02	<0.01	<2	0.004	<0.001	0.08	4.74	<0.02	0.03	<0.001	<0.01	<0.01	2.61	0.06	0.006	1.37	6.30
2322573	Drill Core	5.67	0.130	0.271	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.02	<0.02	0.01	<0.001	<0.01	<0.01	2.83	0.11	<0.001	0.79	7.75
2322574 Dup of 2322573	CORE DUP		0.135	0.249	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.92	<0.02	0.01	<0.001	<0.01	<0.01	2.72	0.11	<0.001	0.75	7.39
2322575	Drill Core	7.14	0.001	0.031	<0.02	<0.01	<2	0.001	0.001	0.09	5.21	<0.02	0.03	<0.001	<0.01	<0.01	4.05	0.13	0.003	2.34	8.86
2322576	Rock	5.18	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.63	<0.02	0.06	<0.001	<0.01	<0.01	1.64	0.03	<0.001	0.26	6.54
2322577	Drill Core	5.59	0.008	0.134	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.42	<0.02	0.02	<0.001	<0.01	<0.01	3.66	0.11	0.002	1.38	8.23
2322578	Drill Core	3.70	0.024	0.005	<0.02	<0.01	<2	0.001	<0.001	0.10	4.90	<0.02	0.04	<0.001	<0.01	<0.01	4.76	0.16	0.003	2.28	8.52
2322579	Drill Core	4.17	0.021	0.002	<0.02	<0.01	<2	0.001	<0.001	0.10	4.89	<0.02	0.04	<0.001	<0.01	<0.01	4.59	0.17	0.003	2.27	8.46
2322580	Drill Core	5.71	0.058	0.209	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.75	<0.02	0.01	<0.001	<0.01	<0.01	2.83	0.11	<0.001	1.27	7.50
2322581	Drill Core	7.42	0.006	0.302	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.29	<0.02	0.02	<0.001	<0.01	<0.01	3.22	0.11	<0.001	0.94	7.78
2322582	Drill Core	7.13	0.054	0.382	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.41	<0.02	0.01	<0.001	<0.01	<0.01	2.49	0.11	<0.001	0.92	8.10
2322583	Drill Core	8.33	0.008	0.111	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.76	<0.02	0.01	<0.001	<0.01	<0.01	2.90	0.11	<0.001	1.10	7.62
2322584	Drill Core	7.94	0.109	0.302	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.68	<0.02	0.02	<0.001	<0.01	<0.01	3.59	0.11	<0.001	1.11	6.51
2322585	Drill Core	5.75	0.024	0.157	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.39	<0.02	0.02	<0.001	<0.01	<0.01	2.68	0.12	<0.001	1.31	8.17
2322586	Drill Core	6.47	0.011	0.203	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.78	<0.02	0.02	<0.001	<0.01	<0.01	3.59	0.11	<0.001	1.24	7.48

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322557	Drill Core	3.60	1.50	<0.01	0.27	35.4	518.8	1.1	24	<0.1	2.2	8.3	361	3.09	4.1	7.9	1.1	71	<0.1	<0.1	<0.1
2322558	Drill Core	3.31	1.64	<0.01	0.47	43.0	306.7	0.8	23	<0.1	1.7	9.0	368	3.12	4.3	35.8	1.0	73	<0.1	<0.1	0.1
2322559	Drill Core	3.72	1.27	<0.01	0.37	32.6	630.4	1.2	21	0.1	1.7	8.1	302	2.98	3.5	7.8	0.9	56	<0.1	<0.1	0.2
2322560	Drill Core	3.39	1.53	<0.01	0.32	10.7	632.8	1.1	23	0.1	2.0	6.5	280	3.02	4.0	6.2	1.0	64	<0.1	<0.1	0.2
2322561	Drill Core	3.30	1.48	<0.01	0.18	48.6	532.0	1.3	27	0.1	1.8	5.8	297	3.22	3.8	5.6	1.0	60	<0.1	<0.1	<0.1
2322562	Rock	2.88	2.84	<0.01	<0.05	0.4	11.0	2.7	63	<0.1	1.5	2.5	336	1.54	0.7	<0.5	8.3	29	<0.1	<0.1	<0.1
2322563	Drill Core	3.35	1.47	<0.01	0.17	47.8	552.5	0.9	28	0.2	1.8	7.5	283	3.13	4.6	5.8	0.9	81	<0.1	<0.1	<0.1
2322564	Drill Core	3.22	1.58	<0.01	0.18	54.1	613.2	1.0	28	0.2	1.5	7.8	286	3.20	4.6	6.9	0.9	74	<0.1	<0.1	<0.1
2322565	Drill Core	3.89	1.45	<0.01	0.35	139.2	2591.1	1.4	21	0.7	2.1	6.4	258	2.16	4.6	56.5	1.1	41	<0.1	<0.1	0.2
2322566	Drill Core	4.16	1.27	<0.01	0.28	110.4	1047.6	0.9	22	0.3	2.1	5.8	343	2.22	5.2	20.9	1.0	40	0.2	<0.1	0.1
2322567 Dup of 2322566	CORE DUP	4.24	1.28	<0.01	0.30	90.4	1039.2	0.9	22	0.3	1.8	5.7	338	2.23	5.1	10.3	1.0	39	<0.1	<0.1	0.1
2322568	Drill Core	3.60	0.46	<0.01	0.11	7.4	142.9	1.7	49	<0.1	5.9	19.6	960	5.27	1.8	0.5	0.6	63	<0.1	0.1	<0.1
2322569	Rock Pulp	2.96	2.50	<0.01	0.21	12.0	181.2	14.5	45	0.1	7.0	5.5	224	1.92	2.6	0.8	3.6	51	0.1	<0.1	0.1
2322570	Drill Core	2.43	1.51	<0.01	0.56	887.9	835.8	4.3	20	0.9	2.5	8.3	336	2.36	3.7	30.7	1.0	40	0.9	<0.1	2.8
2322571	Drill Core	1.13	2.05	<0.01	2.10	13.2	297.9	1.1	14	0.3	2.5	15.0	283	3.11	4.8	6.5	0.8	33	<0.1	<0.1	2.8
2322572	Rock Pulp	2.19	0.98	<0.01	0.59	233.1	4632.4	5.1	46	0.7	31.5	11.2	453	3.39	5.4	184.1	0.9	37	0.4	0.5	0.1
2322573	Drill Core	1.37	1.65	0.01	0.70	1094.0	2692.9	2.4	13	1.3	1.5	4.6	325	1.51	3.1	28.3	0.8	50	0.6	<0.1	1.8
2322574 Dup of 2322573	CORE DUP	1.45	1.66	0.01	0.67	947.6	2501.2	2.6	13	1.2	1.7	4.4	323	1.50	3.1	38.8	0.8	47	0.4	<0.1	1.8
2322575	Drill Core	2.84	1.21	<0.01	0.18	10.2	312.5	1.9	50	0.1	13.5	20.9	861	4.50	3.1	2.4	0.5	74	<0.1	<0.1	<0.1
2322576	Rock	2.89	1.53	<0.01	<0.05	1.0	13.0	2.1	69	<0.1	2.1	2.5	314	1.50	0.7	1.0	7.3	24	<0.1	0.1	<0.1
2322577	Drill Core	1.55	1.82	<0.01	0.78	63.5	1317.6	3.6	28	0.7	12.3	15.3	599	2.90	12.8	12.4	0.5	60	<0.1	0.1	1.1
2322578	Drill Core	2.94	1.21	<0.01	0.12	172.6	56.4	1.0	69	<0.1	15.2	19.3	951	4.31	1.2	2.0	1.0	66	<0.1	0.2	<0.1
2322579	Drill Core	2.98	1.14	<0.01	0.07	184.5	26.9	1.1	69	<0.1	16.2	19.6	988	4.32	1.1	3.8	1.0	61	0.1	0.2	<0.1
2322580	Drill Core	2.64	1.31	<0.01	0.28	511.7	2083.9	2.3	20	0.5	3.3	8.4	390	2.42	2.6	39.9	0.7	34	0.3	<0.1	0.5
2322581	Drill Core	3.15	1.41	<0.01	0.57	59.6	3025.0	1.0	19	0.8	2.7	12.4	305	3.06	3.0	73.0	0.9	58	<0.1	<0.1	0.1
2322582	Drill Core	2.83	1.72	<0.01	0.68	492.8	3897.0	1.4	17	1.0	2.9	9.4	299	3.05	2.2	101.3	0.8	39	0.4	<0.1	0.5
2322583	Drill Core	2.15	1.38	<0.01	0.45	70.5	1121.1	0.5	20	0.2	2.7	12.1	387	3.33	4.2	9.9	0.8	50	0.1	<0.1	0.2
2322584	Drill Core	2.60	1.38	<0.01	0.76	940.2	3022.4	4.0	18	1.0	3.2	11.6	396	3.41	3.1	63.4	0.8	62	0.3	0.1	1.0
2322585	Drill Core	3.09	1.54	<0.01	0.24	227.5	1566.1	1.1	18	0.4	3.1	9.0	308	3.03	2.2	32.2	0.8	38	0.1	<0.1	0.1
2322586	Drill Core	3.50	1.11	<0.01	0.25	104.4	1946.4	0.9	18	0.6	2.2	8.5	375	3.27	1.8	39.2	0.8	61	<0.1	<0.1	<0.1

CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2322557	Drill Core	31	2.48	0.113	10	3	1.20	78	0.005	<20	1.99	0.078	0.21	5.7	<0.01	3.3	<0.1	0.27	7	<0.5	<0.2
2322558	Drill Core	30	2.69	0.112	9	3	1.16	86	0.005	<20	1.95	0.071	0.24	0.3	<0.01	3.2	0.1	0.46	7	<0.5	<0.2
2322559	Drill Core	30	2.37	0.105	8	3	1.05	67	0.006	<20	1.62	0.080	0.16	1.5	<0.01	3.3	<0.1	0.36	6	0.6	<0.2
2322560	Drill Core	28	2.05	0.107	9	3	1.07	129	0.004	<20	1.72	0.077	0.20	2.3	<0.01	2.9	<0.1	0.31	6	0.5	<0.2
2322561	Drill Core	34	2.65	0.108	11	5	1.08	69	0.004	<20	1.89	0.084	0.21	1.2	<0.01	3.7	<0.1	0.18	7	<0.5	<0.2
2322562	Rock	15	0.30	0.031	16	8	0.27	75	0.079	<20	0.62	0.080	0.29	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2322563	Drill Core	29	2.82	0.112	11	3	1.07	64	0.003	<20	2.05	0.080	0.20	1.2	<0.01	3.8	<0.1	0.17	6	<0.5	<0.2
2322564	Drill Core	32	2.85	0.110	12	3	1.11	61	0.003	<20	2.16	0.077	0.21	2.0	<0.01	4.2	<0.1	0.18	7	<0.5	<0.2
2322565	Drill Core	22	2.54	0.112	9	3	0.89	35	0.001	<20	1.51	0.079	0.18	1.0	<0.01	2.7	<0.1	0.37	4	2.6	<0.2
2322566	Drill Core	24	2.94	0.112	10	3	1.07	43	0.002	<20	1.47	0.078	0.16	0.9	<0.01	2.7	<0.1	0.29	5	0.9	<0.2
2322567 Dup of 2322566	CORE DUP	25	2.85	0.112	10	3	1.06	46	0.002	<20	1.51	0.085	0.18	0.7	<0.01	2.8	<0.1	0.29	5	1.0	<0.2
2322568	Drill Core	160	4.13	0.123	15	15	2.27	33	0.016	<20	3.28	0.057	0.07	0.1	<0.01	12.0	<0.1	0.09	12	<0.5	<0.2
2322569	Rock Pulp	28	0.91	0.055	12	11	0.45	36	0.022	<20	0.85	0.066	0.15	0.3	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
2322570	Drill Core	17	2.05	0.116	7	3	0.90	39	0.003	<20	1.43	0.044	0.19	0.9	0.02	2.1	<0.1	0.57	4	1.5	1.1
2322571	Drill Core	15	1.85	0.115	6	3	0.69	39	0.001	<20	1.12	0.027	0.23	0.5	<0.01	1.8	<0.1	2.06	3	2.2	1.2
2322572	Rock Pulp	59	0.75	0.057	4	32	0.79	97	0.124	<20	1.59	0.086	0.14	0.2	0.02	4.4	<0.1	0.62	5	0.5	<0.2
2322573	Drill Core	12	2.78	0.109	6	3	0.53	42	0.001	<20	0.86	0.025	0.20	>100	0.04	1.7	<0.1	0.73	2	2.8	1.0
2322574 Dup of 2322573	CORE DUP	12	2.71	0.106	6	3	0.52	42	<0.001	<20	0.87	0.027	0.21	>100	0.03	1.5	<0.1	0.68	2	2.4	0.8
2322575	Drill Core	102	3.80	0.115	14	27	2.17	61	0.004	<20	3.03	0.042	0.13	0.4	<0.01	8.6	<0.1	0.16	9	<0.5	<0.2
2322576	Rock	14	0.29	0.031	13	7	0.26	66	0.073	<20	0.57	0.065	0.27	0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
2322577	Drill Core	39	3.47	0.104	7	23	1.20	92	0.002	<20	1.75	0.031	0.21	4.9	<0.01	4.5	<0.1	0.76	4	1.7	0.5
2322578	Drill Core	85	4.23	0.161	17	36	2.21	43	0.045	<20	2.81	0.041	0.10	0.4	<0.01	6.8	<0.1	0.10	9	<0.5	<0.2
2322579	Drill Core	86	4.09	0.156	17	37	2.26	41	0.044	<20	2.82	0.043	0.10	0.4	<0.01	6.8	<0.1	0.05	9	<0.5	<0.2
2322580	Drill Core	32	2.69	0.108	8	5	1.16	29	0.002	<20	1.65	0.045	0.19	6.6	0.02	2.7	<0.1	0.29	5	1.6	0.2
2322581	Drill Core	34	2.83	0.110	8	4	0.94	59	0.003	<20	1.73	0.081	0.20	5.4	<0.01	3.3	<0.1	0.58	5	1.7	<0.2
2322582	Drill Core	27	2.44	0.111	7	3	0.86	48	0.001	<20	1.70	0.055	0.17	3.0	0.02	3.0	<0.1	0.73	4	3.0	<0.2
2322583	Drill Core	30	2.86	0.109	8	3	1.04	54	0.002	<20	2.08	0.054	0.21	3.2	<0.01	3.7	0.1	0.45	5	1.4	<0.2
2322584	Drill Core	36	3.41	0.106	7	5	1.11	93	0.002	<20	2.06	0.062	0.17	8.1	0.02	3.2	<0.1	0.79	5	3.8	0.4
2322585	Drill Core	37	2.51	0.111	7	3	1.27	46	0.002	<20	2.09	0.067	0.20	2.8	<0.01	3.5	<0.1	0.25	6	1.0	<0.2
2322586	Drill Core	47	3.37	0.105	8	4	1.19	172	0.002	<20	2.05	0.071	0.15	4.2	<0.01	4.8	<0.1	0.25	6	1.2	<0.2

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322557	Drill Core	0.64	0.29	0.012
2322558	Drill Core	0.61	0.49	0.012
2322559	Drill Core	0.58	0.38	0.022
2322560	Drill Core	0.50	0.34	0.016
2322561	Drill Core	0.65	0.18	0.015
2322562	Rock	0.04	<0.02	<0.005
2322563	Drill Core	0.71	0.18	0.016
2322564	Drill Core	0.76	0.19	0.019
2322565	Drill Core	0.69	0.38	0.058
2322566	Drill Core	0.87	0.31	0.023
2322567 Dup of 2322566	CORE DUP	0.76	0.31	0.019
2322568	Drill Core	1.14	0.12	0.005
2322569	Rock Pulp	0.18	0.23	<0.005
2322570	Drill Core	0.50	0.65	0.035
2322571	Drill Core	0.48	2.13	0.016
2322572	Rock Pulp	0.08	0.71	0.525
2322573	Drill Core	0.77	0.82	0.041
2322574 Dup of 2322573	CORE DUP	0.78	0.77	0.042
2322575	Drill Core	1.01	0.18	0.006
2322576	Rock	0.04	<0.02	<0.005
2322577	Drill Core	1.02	0.88	0.019
2322578	Drill Core	1.13	0.13	<0.005
2322579	Drill Core	1.11	0.07	<0.005
2322580	Drill Core	0.79	0.34	0.047
2322581	Drill Core	0.76	0.61	0.068
2322582	Drill Core	0.65	0.74	0.110
2322583	Drill Core	0.79	0.50	0.016
2322584	Drill Core	0.88	0.87	0.061
2322585	Drill Core	0.70	0.28	0.037
2322586	Drill Core	1.03	0.29	0.052

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322587	Drill Core	6.57	0.017	0.067	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.96	<0.02	0.02	<0.001	<0.01	<0.01	2.94	0.12	<0.001	1.41	8.47
2322588	Drill Core	5.22	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.09	5.03	<0.02	0.04	<0.001	<0.01	<0.01	4.76	0.17	<0.001	1.81	8.53
2322589	Drill Core	4.62	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.99	<0.02	0.03	<0.001	<0.01	<0.01	4.65	0.17	<0.001	1.84	8.65
2322590	Drill Core	7.60	0.005	0.279	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.57	<0.02	0.02	<0.001	<0.01	<0.01	2.08	0.12	<0.001	1.36	8.73
2322591	Drill Core	6.82	0.010	0.246	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.12	<0.02	0.01	<0.001	<0.01	<0.01	2.94	0.11	<0.001	1.08	7.03
2322592 Dup of 2322591	CORE DUP		0.010	0.240	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.21	<0.02	0.01	<0.001	<0.01	<0.01	2.84	0.12	<0.001	1.09	7.08
2322593	Drill Core	6.77	0.002	0.036	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.77	<0.02	0.02	<0.001	<0.01	<0.01	2.46	0.12	<0.001	1.31	8.24
2322594	Drill Core	6.84	0.003	0.114	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.44	<0.02	0.02	<0.001	<0.01	<0.01	2.37	0.12	<0.001	1.24	7.90
2322595	Rock Pulp	0.17	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.18	<0.02	0.05	<0.001	<0.01	<0.01	1.78	0.06	0.002	0.52	6.61
2322596	Drill Core	5.05	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.62	<0.02	0.02	<0.001	<0.01	<0.01	1.91	0.12	<0.001	1.11	8.27
2322597	Rock	5.09	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.48	<0.02	0.05	<0.001	<0.01	<0.01	1.56	0.03	<0.001	0.26	6.47
2322598	Drill Core	5.57	0.001	0.045	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.94	<0.02	0.02	<0.001	<0.01	<0.01	2.12	0.11	<0.001	1.17	7.31
2322599	Drill Core	2.04	0.003	0.089	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.11	<0.02	0.02	<0.001	<0.01	<0.01	1.71	0.12	<0.001	1.09	8.35
2322600	Drill Core	1.85	0.003	0.114	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.41	<0.02	0.02	<0.001	<0.01	<0.01	1.69	0.12	<0.001	1.13	8.27

CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322587	Drill Core	3.46	1.26	<0.01	0.38	167.3	698.9	1.7	26	0.2	3.2	10.6	499	3.64	4.8	12.7	0.8	54	<0.1	<0.1	0.3
2322588	Drill Core	2.39	1.47	<0.01	0.07	2.7	40.8	1.2	62	<0.1	7.1	17.9	888	4.62	0.9	4.2	0.6	84	<0.1	<0.1	<0.1
2322589	Drill Core	2.61	1.40	<0.01	0.07	1.6	23.5	1.0	61	<0.1	6.4	17.5	854	4.60	0.8	2.1	0.7	84	<0.1	<0.1	<0.1
2322590	Drill Core	3.74	1.16	<0.01	0.36	48.5	2904.1	1.2	34	0.8	3.6	10.3	419	3.38	3.9	21.9	0.8	31	<0.1	<0.1	0.3
2322591	Drill Core	2.98	1.22	<0.01	0.74	94.9	2643.5	1.7	24	0.9	2.9	11.1	429	3.18	5.0	26.5	0.9	49	0.1	<0.1	1.1
2322592 Dup of 2322591	CORE DUP	3.05	1.38	<0.01	0.73	96.0	2444.8	1.5	23	0.8	2.8	10.1	397	2.97	4.7	18.4	0.9	46	0.1	<0.1	0.9
2322593	Drill Core	3.69	1.07	<0.01	0.31	20.0	377.9	1.5	24	0.2	3.6	8.2	333	3.48	14.8	2.8	0.8	56	<0.1	<0.1	0.2
2322594	Drill Core	4.08	1.15	<0.01	0.20	30.3	1159.5	0.9	21	0.7	3.2	8.3	331	3.23	5.8	58.3	0.8	40	<0.1	<0.1	<0.1
2322595	Rock Pulp	2.97	1.46	<0.01	0.20	11.6	188.4	14.1	46	0.1	8.0	6.0	229	1.96	2.9	0.5	3.6	50	<0.1	<0.1	0.1
2322596	Drill Core	4.18	0.92	<0.01	0.30	10.8	206.6	0.6	20	<0.1	3.1	9.4	282	3.43	5.7	7.0	0.6	43	<0.1	<0.1	<0.1
2322597	Rock	2.91	1.41	<0.01	<0.05	0.5	14.0	2.1	72	<0.1	1.8	2.5	321	1.48	1.0	1.9	7.8	23	<0.1	<0.1	<0.1
2322598	Drill Core	3.97	0.89	<0.01	0.40	13.7	487.8	2.1	25	0.2	3.7	13.7	340	3.93	6.5	4.1	0.7	49	<0.1	0.1	0.1
2322599	Drill Core	3.95	1.27	<0.01	0.48	32.7	943.6	2.6	24	0.4	2.9	9.1	330	3.13	7.4	5.6	0.8	34	<0.1	0.1	0.4
2322600	Drill Core	4.00	1.19	<0.01	0.68	26.2	1214.9	3.0	25	0.6	3.3	11.0	323	3.33	7.7	11.1	0.7	39	<0.1	0.2	0.4

CERTIFICATE OF ANALYSIS

SMI13000385.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322587	Drill Core	49	2.82	0.114	9	4	1.37	43	0.003	<20	2.29	0.066	0.16	0.8	<0.01	4.2	<0.1	0.36	7	0.8	<0.2
2322588	Drill Core	98	4.65	0.166	19	9	1.83	55	0.005	<20	2.73	0.071	0.16	<0.1	<0.01	5.8	0.1	0.05	8	<0.5	<0.2
2322589	Drill Core	102	4.65	0.171	20	7	1.83	56	0.004	<20	2.81	0.052	0.15	<0.1	0.01	6.0	<0.1	0.05	9	<0.5	<0.2
2322590	Drill Core	46	2.00	0.112	9	5	1.36	40	0.002	<20	2.17	0.075	0.14	0.5	<0.01	3.7	<0.1	0.38	7	1.4	<0.2
2322591	Drill Core	34	3.08	0.115	7	4	1.16	53	0.001	<20	1.92	0.065	0.17	0.4	<0.01	3.3	<0.1	0.82	5	2.4	0.5
2322592 Dup of 2322591	CORE DUP	33	2.91	0.111	6	3	1.09	49	0.001	<20	1.83	0.063	0.16	0.5	<0.01	3.2	<0.1	0.78	5	2.2	0.5
2322593	Drill Core	46	2.36	0.115	7	4	1.30	163	0.002	<20	2.21	0.078	0.15	0.6	<0.01	4.8	<0.1	0.30	7	0.5	<0.2
2322594	Drill Core	55	2.35	0.111	7	4	1.29	45	0.002	<20	2.04	0.085	0.13	0.7	<0.01	5.1	<0.1	0.20	7	0.6	<0.2
2322595	Rock Pulp	27	0.91	0.057	12	11	0.46	37	0.019	<20	0.85	0.067	0.14	0.4	<0.01	1.8	<0.1	0.21	4	<0.5	<0.2
2322596	Drill Core	43	1.88	0.108	6	4	1.10	43	0.001	<20	2.01	0.080	0.13	0.6	<0.01	5.0	<0.1	0.30	6	<0.5	<0.2
2322597	Rock	15	0.30	0.030	13	4	0.27	58	0.075	<20	0.57	0.059	0.26	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
2322598	Drill Core	48	2.17	0.113	7	5	1.25	87	0.002	<20	2.06	0.082	0.13	0.5	0.02	5.1	<0.1	0.41	7	0.5	<0.2
2322599	Drill Core	36	1.71	0.120	9	4	1.10	78	0.002	<20	1.73	0.075	0.15	1.3	0.01	3.4	<0.1	0.50	6	1.0	<0.2
2322600	Drill Core	37	1.69	0.117	7	4	1.14	196	0.002	<20	1.69	0.059	0.12	0.6	0.02	3.5	<0.1	0.70	6	1.3	<0.2

CERTIFICATE OF ANALYSIS

SMI13000385.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Analyte	Unit	%	%	ppm
	MDL	0.02	0.02	0.005
2322587	Drill Core	0.72	0.42	0.011
2322588	Drill Core	1.25	0.07	<0.005
2322589	Drill Core	1.25	0.06	<0.005
2322590	Drill Core	0.50	0.42	0.047
2322591	Drill Core	0.82	0.83	0.029
2322592 Dup of 2322591	CORE DUP	0.82	0.83	0.030
2322593	Drill Core	0.65	0.32	0.009
2322594	Drill Core	0.65	0.22	0.035
2322595	Rock Pulp	0.18	0.22	<0.005
2322596	Drill Core	0.44	0.30	0.009
2322597	Rock	0.04	<0.02	<0.005
2322598	Drill Core	0.51	0.43	0.012
2322599	Drill Core	0.40	0.54	0.012
2322600	Drill Core	0.41	0.69	0.020

QUALITY CONTROL REPORT

SMI13000385.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pulp Duplicates																					
2322467	Drill Core	7.19	0.014	0.122	<0.02	<0.01	<2	<0.001	0.002	0.07	5.43	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.12	<0.001	2.33	9.21
REP 2322467	QC																				
2322469	Drill Core	7.33	0.003	0.057	<0.02	<0.01	<2	<0.001	0.002	0.07	5.41	<0.02	0.05	<0.001	<0.01	<0.01	3.63	0.11	0.002	2.36	8.98
REP 2322469	QC																				
REP 2322475	QC																				
2322489	Rock	5.48	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.05	<0.001	<0.01	<0.01	1.49	0.03	<0.001	0.24	6.79
REP 2322489	QC		<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.45	<0.02	0.05	<0.001	<0.01	<0.01	1.55	0.03	<0.001	0.24	7.09
2322502	Drill Core	6.92	0.002	0.157	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.77	<0.02	0.02	<0.001	<0.01	<0.01	2.96	0.14	<0.001	1.62	7.92
REP 2322502	QC																				
2322510	Drill Core	6.09	0.064	0.186	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.08	<0.02	0.01	<0.001	<0.01	<0.01	2.74	0.11	<0.001	1.40	7.98
REP 2322510	QC																				
2322512	Drill Core	4.36	0.035	0.031	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.83	<0.02	0.01	<0.001	<0.01	<0.01	2.27	0.10	<0.001	1.01	7.34
REP 2322512	QC		0.034	0.031	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.87	<0.02	0.02	<0.001	<0.01	<0.01	2.32	0.10	<0.001	1.01	7.65
2322529	Drill Core	7.31	0.001	0.030	<0.02	<0.01	<2	0.002	0.002	0.08	4.82	<0.02	0.03	<0.001	<0.01	<0.01	4.52	0.09	0.008	2.87	7.90
REP 2322529	QC																				
2322537	Drill Core	6.36	0.013	0.276	<0.02	<0.01	2	<0.001	0.002	0.06	4.58	<0.02	0.01	<0.001	<0.01	<0.01	2.93	0.12	0.001	1.48	7.95
REP 2322537	QC																				
2322544	Drill Core	7.42	0.009	0.087	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.21	<0.02	0.01	<0.001	<0.01	<0.01	2.66	0.11	<0.001	1.43	8.36
REP 2322544	QC																				
2322545	Drill Core	6.40	0.012	0.098	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.96	<0.02	0.01	<0.001	<0.01	<0.01	3.22	0.13	0.001	1.29	8.94
REP 2322545	QC																				
2322547	Drill Core	5.46	0.017	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.48	<0.02	0.02	<0.001	<0.01	<0.01	3.83	0.12	<0.001	0.73	8.70
REP 2322547	QC		0.017	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.54	<0.02	0.02	<0.001	<0.01	<0.01	3.88	0.12	<0.001	0.73	8.58
2322572	Rock Pulp	0.20	0.025	0.468	<0.02	<0.01	<2	0.004	<0.001	0.08	4.74	<0.02	0.03	<0.001	<0.01	<0.01	2.61	0.06	0.006	1.37	6.30
REP 2322572	QC																				
2322574 Dup of 2322573	CORE DUP		0.135	0.249	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.92	<0.02	0.01	<0.001	<0.01	<0.01	2.72	0.11	<0.001	0.75	7.39
REP 2322574 Dup of	QC		0.137	0.248	<0.02	<0.01	<2	<0.001	<0.001	0.03	1.99	<0.02	0.01	<0.001	<0.01	<0.01	2.73	0.11	<0.001	0.77	7.69
2322580	Drill Core	5.71	0.058	0.209	<0.02	<0.01	<2	<0.001	<0.001	0.04	2.75	<0.02	0.01	<0.001	<0.01	<0.01	2.83	0.11	<0.001	1.27	7.50

QUALITY CONTROL REPORT

SMI13000385.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
2322467 Drill Core	3.89	0.92	<0.01	0.27	126.0	1126.1	1.3	57	0.3	2.7	14.6	630	4.44	5.1	15.7	0.5	43	<0.1	0.2	<0.1	
REP 2322467 QC					129.5	1150.9	1.3	60	0.3	2.4	15.0	643	4.53	5.2	16.5	0.6	46	<0.1	0.2	<0.1	
2322469 Drill Core	3.73	0.72	<0.01	0.12	22.9	573.4	2.1	55	0.2	6.0	13.9	556	4.59	4.2	9.5	0.5	47	<0.1	0.5	0.1	
REP 2322469 QC																					
REP 2322475 QC																					
2322489 Rock	2.90	1.85	<0.01	<0.05	1.1	11.6	2.1	57	<0.1	1.5	2.5	305	1.38	0.7	0.6	6.9	22	<0.1	<0.1	<0.1	
REP 2322489 QC	2.92	1.97	<0.01	<0.05																	
2322502 Drill Core	3.64	1.05	<0.01	0.58	13.1	1541.2	0.6	45	0.6	4.9	16.2	454	3.45	2.4	273.1	1.1	40	<0.1	0.4	0.2	
REP 2322502 QC					16.0	1549.6	0.7	45	0.5	5.4	17.0	461	3.47	2.4	15.9	1.1	40	<0.1	0.4	0.3	
2322510 Drill Core	1.35	1.70	<0.01	1.45	562.1	1850.9	3.7	30	2.1	2.6	12.6	486	2.33	1.1	16.1	0.7	35	0.4	0.3	2.4	
REP 2322510 QC																					
2322512 Drill Core	3.47	1.52	<0.01	0.61	263.3	325.6	1.2	17	0.4	1.2	5.5	357	1.20	1.3	6.3	0.8	27	0.2	0.2	0.9	
REP 2322512 QC	3.48	1.49	<0.01	0.61																	
2322529 Drill Core	1.77	1.12	<0.01	1.18	19.3	324.1	1.9	53	0.3	22.0	23.8	714	4.00	2.4	5.4	0.6	88	<0.1	<0.1	0.3	
REP 2322529 QC																					
2322537 Drill Core	1.20	2.89	<0.01	2.20	123.5	2755.5	2.2	25	0.9	5.0	20.1	541	3.56	3.4	12.1	0.7	87	<0.1	<0.1	3.2	
REP 2322537 QC					130.2	2819.0	2.3	26	1.0	5.1	20.1	556	3.67	3.3	10.3	0.8	90	<0.1	<0.1	3.3	
2322544 Drill Core	1.68	2.25	<0.01	1.24	86.5	876.2	1.5	31	0.3	3.8	14.3	538	3.45	4.7	5.4	0.8	60	<0.1	<0.1	0.6	
REP 2322544 QC																					
2322545 Drill Core	1.53	2.67	<0.01	0.63	121.5	974.1	1.9	32	0.3	2.5	9.1	631	3.19	4.1	6.0	1.0	48	<0.1	<0.1	0.9	
REP 2322545 QC																					
2322547 Drill Core	2.14	2.27	<0.01	0.15	179.9	269.3	1.1	24	0.1	1.6	3.5	456	2.75	2.5	4.6	0.9	75	0.2	<0.1	0.2	
REP 2322547 QC	2.14	2.56	<0.01	0.14																	
2322572 Rock Pulp	2.19	0.98	<0.01	0.59	233.1	4632.4	5.1	46	0.7	31.5	11.2	453	3.39	5.4	184.1	0.9	37	0.4	0.5	0.1	
REP 2322572 QC					236.1	4620.6	5.0	46	0.7	33.8	11.3	448	3.39	5.0	386.2	0.9	37	0.2	0.5	<0.1	
2322574 Dup of 2322573	1.45	1.66	0.01	0.67	947.6	2501.2	2.6	13	1.2	1.7	4.4	323	1.50	3.1	38.8	0.8	47	0.4	<0.1	1.8	
REP 2322574 Dup of	1.44	1.45	0.01	0.67																	
2322580 Drill Core	2.64	1.31	<0.01	0.28	511.7	2083.9	2.3	20	0.5	3.3	8.4	390	2.42	2.6	39.9	0.7	34	0.3	<0.1	0.5	

QUALITY CONTROL REPORT

SMI13000385.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2322467 Drill Core	112	2.22	0.101	5	3	2.04	134	0.037	<20	2.33	0.150	0.12	0.1	<0.01	8.1	<0.1	0.23	9	<0.5	<0.2	
REP 2322467 QC	114	2.26	0.106	5	3	2.08	134	0.038	<20	2.38	0.156	0.13	0.1	<0.01	8.5	<0.1	0.24	10	<0.5	<0.2	
2322469 Drill Core	113	2.13	0.100	6	5	1.94	104	0.074	<20	2.35	0.185	0.09	0.3	<0.01	7.5	<0.1	0.11	9	<0.5	<0.2	
REP 2322469 QC																					
REP 2322475 QC																					
2322489 Rock	13	0.23	0.032	14	6	0.25	84	0.077	<20	0.58	0.082	0.32	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2	
REP 2322489 QC																					
2322502 Drill Core	84	2.61	0.130	8	5	1.46	54	0.015	<20	2.22	0.078	0.14	1.6	<0.01	5.9	<0.1	0.53	8	0.8	<0.2	
REP 2322502 QC	84	2.62	0.129	9	5	1.47	55	0.015	<20	2.24	0.079	0.14	1.7	<0.01	6.2	<0.1	0.54	8	0.8	<0.2	
2322510 Drill Core	17	2.42	0.105	2	3	0.95	29	0.001	<20	1.32	0.037	0.25	4.4	<0.01	1.5	<0.1	1.36	3	2.0	1.3	
REP 2322510 QC																					
2322512 Drill Core	9	2.07	0.103	2	4	0.49	23	<0.001	<20	0.65	0.053	0.15	1.0	0.01	0.7	<0.1	0.58	2	<0.5	0.3	
REP 2322512 QC																					
2322529 Drill Core	116	3.36	0.080	4	88	2.36	100	0.009	<20	2.99	0.127	0.16	0.2	0.02	11.5	<0.1	1.08	8	2.2	<0.2	
REP 2322529 QC																					
2322537 Drill Core	25	2.73	0.106	4	5	1.18	64	0.001	<20	1.75	0.028	0.25	0.5	0.01	2.6	<0.1	2.15	5	3.1	1.0	
REP 2322537 QC	26	2.81	0.112	4	6	1.21	65	0.001	<20	1.84	0.030	0.27	0.5	0.01	2.7	<0.1	2.18	5	2.8	1.1	
2322544 Drill Core	33	2.52	0.100	6	5	1.24	41	0.001	<20	2.04	0.036	0.23	0.4	<0.01	3.2	<0.1	1.21	6	1.1	<0.2	
REP 2322544 QC																					
2322545 Drill Core	18	3.09	0.120	8	3	1.10	53	0.001	<20	2.13	0.038	0.30	0.4	<0.01	2.1	<0.1	0.61	6	<0.5	<0.2	
REP 2322545 QC																					
2322547 Drill Core	18	3.67	0.109	11	3	0.64	77	0.001	<20	1.56	0.089	0.26	3.2	<0.01	2.2	<0.1	0.14	4	<0.5	<0.2	
REP 2322547 QC																					
2322572 Rock Pulp	59	0.75	0.057	4	32	0.79	97	0.124	<20	1.59	0.086	0.14	0.2	0.02	4.4	<0.1	0.62	5	0.5	<0.2	
REP 2322572 QC	58	0.75	0.055	4	34	0.79	95	0.119	<20	1.60	0.086	0.14	0.2	0.04	4.4	<0.1	0.61	5	0.6	<0.2	
2322574 Dup of 2322573	12	2.71	0.106	6	3	0.52	42	<0.001	<20	0.87	0.027	0.21	>100	0.03	1.5	<0.1	0.68	2	2.4	0.8	
REP 2322574 Dup of																					
2322580 Drill Core	32	2.69	0.108	8	5	1.16	29	0.002	<20	1.65	0.045	0.19	6.6	0.02	2.7	<0.1	0.29	5	1.6	0.2	

QUALITY CONTROL REPORT

SMI13000385.1

Method	2A Leco	2A Leco	G6	
Analyte	TOT/C	TOT/S	Au	
Unit	%	%	ppm	
MDL	0.02	0.02	0.005	
Pulp Duplicates				
2322467	Drill Core	0.55	0.25	0.029
REP 2322467	QC			
2322469	Drill Core	0.48	0.12	0.013
REP 2322469	QC			0.018
REP 2322475	QC	1.31	0.14	
2322489	Rock	<0.02	<0.02	<0.005
REP 2322489	QC			
2322502	Drill Core	0.78	0.64	0.023
REP 2322502	QC			
2322510	Drill Core	0.82	1.52	0.017
REP 2322510	QC	0.84	1.57	
2322512	Drill Core	0.67	0.69	0.006
REP 2322512	QC			
2322529	Drill Core	1.12	1.18	0.007
REP 2322529	QC			0.006
2322537	Drill Core	0.78	2.21	0.017
REP 2322537	QC			
2322544	Drill Core	0.71	1.34	0.009
REP 2322544	QC			0.009
2322545	Drill Core	0.78	0.67	0.008
REP 2322545	QC	0.87	0.69	
2322547	Drill Core	0.90	0.15	0.007
REP 2322547	QC			
2322572	Rock Pulp	0.08	0.71	0.525
REP 2322572	QC			
2322574 Dup of 2322573	CORE DUP	0.78	0.77	0.042
REP 2322574 Dup of	QC			
2322580	Drill Core	0.79	0.34	0.047

QUALITY CONTROL REPORT

SMI13000385.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
REP 2322580	QC																					
Core Reject Duplicates																						
2322475	Drill Core	7.30	0.005	0.059	<0.02	<0.01	<2	0.002	0.003	0.10	5.59	<0.02	0.02	<0.001	<0.01	<0.01	6.39	0.08	0.006	2.98	8.48	
DUP 2322475	QC		0.005	0.058	<0.02	<0.01	<2	0.003	0.003	0.10	5.61	<0.02	0.02	<0.001	<0.01	<0.01	6.61	0.08	0.007	3.01	8.35	
2322513	Drill Core	4.91	0.022	0.303	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.52	<0.02	0.02	<0.001	<0.01	<0.01	3.30	0.10	<0.001	1.07	6.88	
DUP 2322513	QC		0.023	0.307	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.50	<0.02	0.02	<0.001	<0.01	<0.01	3.29	0.11	<0.001	1.08	6.79	
2322551	Drill Core	6.39	0.002	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.87	<0.02	0.03	<0.001	<0.01	<0.01	2.25	0.13	0.003	1.31	9.13	
DUP 2322551	QC		0.002	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.83	<0.02	0.03	<0.001	<0.01	<0.01	2.28	0.13	<0.001	1.32	9.25	
2322589	Drill Core	4.62	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.99	<0.02	0.03	<0.001	<0.01	<0.01	4.65	0.17	<0.001	1.84	8.65	
DUP 2322589	QC		<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.08	5.09	<0.02	0.04	<0.001	<0.01	<0.01	4.78	0.17	0.001	1.86	8.72	
Reference Materials																						
STD CDN-ME-14	Standard		0.002	1.232	0.49	3.06	45	0.002	0.017	0.09	17.30	<0.02	<0.01	0.009	<0.01	0.01	0.73	0.02	0.002	1.26	4.40	
STD CDN-ME-9	Standard		<0.001	0.635	<0.02	0.01	4	0.877	0.017	0.12	13.16	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.07	0.026	3.86	6.49	
STD CDN-ME-14	Standard		<0.001	1.240	0.49	3.14	45	0.002	0.017	0.09	17.96	<0.02	<0.01	0.010	<0.01	0.01	0.77	0.02	<0.001	1.29	4.49	
STD CDN-ME-9	Standard		<0.001	0.650	<0.02	<0.01	3	0.874	0.016	0.12	13.72	<0.02	0.03	<0.001	<0.01	<0.01	4.38	0.06	0.027	4.12	6.60	
STD CDN-ME-14	Standard		0.002	1.261	0.48	3.10	46	0.002	0.018	0.09	17.91	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.01	<0.001	1.34	4.45	
STD CDN-ME-9	Standard		<0.001	0.678	<0.02	0.01	4	0.939	0.018	0.13	14.20	<0.02	0.03	<0.001	<0.01	<0.01	4.31	0.06	0.027	4.04	6.82	
STD CDN-ME-14	Standard		0.002	1.241	0.50	3.15	46	0.002	0.018	0.09	17.79	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.02	<0.001	1.28	4.31	
STD CDN-ME-9	Standard		<0.001	0.679	<0.02	0.01	3	0.939	0.017	0.12	14.26	<0.02	0.03	<0.001	<0.01	<0.01	4.32	0.06	0.028	4.13	6.71	
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 25, 2013

Page: 2 of 4

Part: 2 of 4

QUALITY CONTROL REPORT

SMI13000385.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
REP 2322580	QC																					
Core Reject Duplicates																						
2322475	Drill Core	2.06	1.04	<0.01	0.15	48.1	610.0	1.7	47	0.1	28.2	22.6	852	4.74	8.9	2.6	0.3	72	<0.1	0.4	0.1	
DUP 2322475	QC	1.99	0.94	<0.01	0.15	39.4	593.5	1.7	47	<0.1	29.2	23.0	876	4.70	8.7	4.1	0.3	76	<0.1	0.3	<0.1	
2322513	Drill Core	2.18	1.83	<0.01	1.14	190.5	3028.5	2.0	26	1.6	2.0	9.2	496	2.12	1.9	15.1	0.8	38	0.2	0.2	1.2	
DUP 2322513	QC	2.23	1.64	<0.01	1.12	174.7	3114.0	2.1	26	1.8	2.3	9.4	507	2.11	1.9	18.0	0.9	39	0.3	0.2	1.2	
2322551	Drill Core	3.71	1.41	<0.01	0.26	14.9	429.4	1.0	25	<0.1	1.8	6.5	369	3.27	3.3	1.3	1.2	67	<0.1	<0.1	<0.1	
DUP 2322551	QC	3.70	1.77	<0.01	0.26	15.8	412.2	1.0	24	<0.1	2.2	6.5	353	3.15	3.5	<0.5	1.1	60	<0.1	<0.1	<0.1	
2322589	Drill Core	2.61	1.40	<0.01	0.07	1.6	23.5	1.0	61	<0.1	6.4	17.5	854	4.60	0.8	2.1	0.7	84	<0.1	<0.1	<0.1	
DUP 2322589	QC	2.69	1.18	<0.01	0.07	1.3	24.4	0.9	60	<0.1	6.6	17.0	830	4.55	0.7	1.1	0.7	79	<0.1	<0.1	<0.1	
Reference Materials																						
STD CDN-ME-14	Standard	0.53	1.70	<0.01	16.08																	
STD CDN-ME-9	Standard	1.83	0.62	<0.01	2.90																	
STD CDN-ME-14	Standard	0.55	1.72	<0.01	16.61																	
STD CDN-ME-9	Standard	1.90	0.63	<0.01	2.74																	
STD CDN-ME-14	Standard	0.53	1.71	<0.01	16.18																	
STD CDN-ME-9	Standard	1.87	0.67	<0.01	2.51																	
STD CDN-ME-14	Standard	0.52	1.66	<0.01	15.62																	
STD CDN-ME-9	Standard	1.80	0.63	<0.01	2.54																	
STD DS10	Standard					12.0	146.1	144.4	363	2.2	71.4	12.5	849	2.59	41.5	71.8	5.8	54	2.4	6.5	9.6	
STD DS10	Standard					12.7	154.6	169.6	371	1.9	76.8	13.2	886	2.70	43.5	67.7	6.6	54	2.6	6.6	10.1	
STD DS10	Standard					16.8	173.6	165.6	386	2.2	81.4	14.0	949	2.90	47.2	63.5	8.5	75	2.9	7.7	12.8	
STD DS10	Standard					12.6	162.1	156.6	360	1.9	76.9	13.3	852	2.65	43.3	103.0	8.0	69	2.5	7.0	12.7	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					

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QUALITY CONTROL REPORT

SMI13000385.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
REP 2322580	QC	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Core Reject Duplicates																						
2322475	Drill Core	109	4.70	0.075	6	36	2.29	22	0.026	<20	3.61	0.219	0.15	<0.1	<0.01	9.4	<0.1	0.13	8	<0.5	<0.2	
DUP 2322475	QC	109	4.86	0.068	6	38	2.33	23	0.028	<20	3.77	0.236	0.14	<0.1	<0.01	9.7	<0.1	0.13	8	<0.5	<0.2	
2322513	Drill Core	13	3.01	0.100	4	3	0.80	25	<0.001	<20	1.17	0.054	0.19	4.6	<0.01	1.5	<0.1	1.12	3	1.8	0.5	
DUP 2322513	QC	13	3.02	0.101	5	3	0.81	24	<0.001	<20	1.21	0.057	0.19	4.5	<0.01	1.5	<0.1	1.07	3	1.7	0.6	
2322551	Drill Core	25	2.03	0.127	11	4	1.24	92	0.007	<20	2.09	0.086	0.19	1.8	<0.01	3.0	<0.1	0.25	8	<0.5	<0.2	
DUP 2322551	QC	24	1.95	0.112	10	4	1.20	82	0.007	<20	1.98	0.080	0.18	2.0	<0.01	2.9	<0.1	0.25	7	<0.5	<0.2	
2322589	Drill Core	102	4.65	0.171	20	7	1.83	56	0.004	<20	2.81	0.052	0.15	<0.1	0.01	6.0	<0.1	0.05	9	<0.5	<0.2	
DUP 2322589	QC	101	4.60	0.162	19	8	1.83	54	0.004	<20	2.76	0.053	0.15	<0.1	<0.01	5.9	<0.1	0.05	9	<0.5	<0.2	
Reference Materials																						
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD DS10	Standard	39	0.99	0.070	14	52	0.73	357	0.062	<20	0.93	0.060	0.32	3.4	0.31	2.6	5.0	0.27	4	2.1	5.1	
STD DS10	Standard	43	1.03	0.074	15	55	0.76	371	0.063	<20	0.97	0.063	0.32	3.2	0.32	2.5	5.2	0.28	4	2.0	5.0	
STD DS10	Standard	47	1.15	0.076	19	61	0.84	409	0.085	<20	1.12	0.068	0.36	2.8	0.31	2.9	5.0	0.30	5	2.7	5.1	
STD DS10	Standard	43	1.06	0.072	16	56	0.77	389	0.073	<20	0.99	0.060	0.32	2.6	0.28	2.9	4.5	0.28	4	2.0	4.6	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					

QUALITY CONTROL REPORT

SMI13000385.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
REP 2322580	QC	0.75	0.34	
Core Reject Duplicates				
2322475	Drill Core	1.33	0.15	0.014
DUP 2322475	QC	1.38	0.15	0.006
2322513	Drill Core	0.99	1.24	0.020
DUP 2322513	QC	0.99	1.18	0.024
2322551	Drill Core	0.44	0.24	0.017
DUP 2322551	QC	0.46	0.29	0.010
2322589	Drill Core	1.25	0.06	<0.005
DUP 2322589	QC	1.28	0.07	<0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.97	2.35	
STD GS311-1	Standard	0.98	2.47	
STD GS311-1	Standard	0.98	2.53	
STD GS311-1	Standard	0.96	2.50	
STD GS910-4	Standard	2.63	8.14	
STD GS910-4	Standard	2.70	8.29	



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Project: 204920
 Report Date: November 25, 2013

Page: 3 of 4

Part: 1 of 4

QUALITY CONTROL REPORT

SMI13000385.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175		
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66		
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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QUALITY CONTROL REPORT

SMI13000385.1

		7TD Na %	7TD K %	7TD W %	7TD S %	1DX Mo ppm	1DX Cu ppm	1DX Pb ppm	1DX Zn ppm	1DX Ag ppm	1DX Ni ppm	1DX Co ppm	1DX Mn ppm	1DX Fe %	1DX As ppm	1DX Au ppb	1DX Th ppm	1DX Sr ppm	1DX Cd ppm	1DX Sb ppm	1DX Bi ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.6	670.6	14.4	27	0.2	359.9	49.9	374	22.19	9.5	49.3	9.2	3	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.7	647.3	15.0	29	0.3	343.6	51.0	383	23.03	8.6	56.8	9.7	3	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.2	711.7	17.7	30	0.3	391.2	55.7	428	23.52	9.1	55.3	11.8	4	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.3	630.9	16.0	27	0.2	351.5	49.6	391	21.43	7.1	53.6	10.8	4	<0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	0.3	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	284	0.03	0.027	6	994	0.08	132	0.084	<20	2.93	0.020	0.05	<0.1	0.02	72.5	<0.1	<0.05	11	<0.5	<0.2	
STD OREAS45EA	Standard	279	0.04	0.026	6	1008	0.08	142	0.080	<20	2.86	0.022	0.05	<0.1	<0.01	70.3	<0.1	<0.05	11	0.6	<0.2	
STD OREAS45EA	Standard	330	0.04	0.028	7	921	0.10	145	0.098	<20	3.24	0.015	0.05	<0.1	0.01	73.5	<0.1	<0.05	12	1.0	<0.2	
STD OREAS45EA	Standard	305	0.03	0.026	6	816	0.09	136	0.086	<20	2.87	0.014	0.05	<0.1	<0.01	69.8	<0.1	<0.05	11	0.6	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

QUALITY CONTROL REPORT

SMI13000385.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GS910-4	Standard	2.71	8.62	
STD GS910-4	Standard	2.66	8.22	
STD GS910-4	Standard	2.55	8.20	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.196
STD OXC109	Standard			0.194
STD OXC109	Standard			0.193
STD OXI96	Standard			1.869
STD OXI96	Standard			1.780
STD OXI96	Standard			1.856
STD OXL93	Standard			5.763
STD OXL93	Standard			5.748
STD OXL93	Standard			5.719
STD DS10 Expected				
STD OREAS45EA Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
BLK	Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.47	<0.02	0.07	<0.001	<0.01	<0.01	2.45	0.08	<0.001	0.70	7.99
G1-SMI	Prep Blank	<0.001	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.37	<0.02	0.07	<0.001	<0.01	<0.01	2.29	0.08	0.001	0.66	7.43

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.74	1.78	<0.01	<0.05	<0.1	2.2	3.0	47	<0.1	4.3	4.4	550	1.99	<0.5	<0.5	4.2	51	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.68	1.65	<0.01	<0.05	0.2	1.9	2.4	47	<0.1	4.5	4.6	555	1.93	0.7	<0.5	4.2	38	<0.1	<0.1	<0.1



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QUALITY CONTROL REPORT

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	34	0.47	0.072	8	11	0.58	227	0.114	<20	0.96	0.085	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	
G1-SMI	Prep Blank	34	0.39	0.078	8	10	0.56	226	0.113	<20	0.94	0.075	0.51	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	



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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.04	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000400.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_014
P.O. Number
Number of Samples: 139

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	132	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	7	Split samples by riffle splitter			SMI
P200	7	Pulverize to 85% passing 200 mesh			VAN
7TD2	139	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	139	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	139	Analysis by Leco	0.1	Completed	VAN
G6	139	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144333	Drill Core	2.21	0.041	0.561	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.93	<0.02	0.04	<0.001	<0.01	<0.01	4.50	0.07	0.003	1.53	6.71
1144334	Drill Core	2.00	0.040	0.570	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.95	<0.02	0.04	<0.001	<0.01	<0.01	4.39	0.07	0.003	1.53	6.75
1144335	Drill Core	4.27	0.040	0.202	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.15	<0.02	0.04	<0.001	<0.01	<0.01	3.75	0.06	0.002	1.22	6.32
1144336	Drill Core	4.16	0.036	0.398	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.66	<0.02	0.05	<0.001	<0.01	<0.01	3.42	0.07	0.003	1.44	6.46
1144337 Dup of 1144336	CORE DUP		0.044	0.452	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.86	<0.02	0.05	<0.001	<0.01	<0.01	3.80	0.07	0.003	1.55	6.88
1144338	Drill Core	4.64	0.049	0.523	<0.02	<0.01	3	0.001	<0.001	0.09	3.17	<0.02	0.04	<0.001	<0.01	<0.01	4.57	0.07	0.004	1.65	6.65
1144339	Drill Core	4.43	0.098	0.897	<0.02	<0.01	5	<0.001	<0.001	0.07	2.70	<0.02	0.03	<0.001	<0.01	<0.01	4.31	0.07	0.002	1.25	6.56
1144340	Drill Core	4.64	0.107	1.274	<0.02	<0.01	5	<0.001	<0.001	0.08	2.91	<0.02	0.03	<0.001	<0.01	<0.01	4.23	0.07	0.002	1.34	6.87
1144341	Drill Core	4.28	0.140	0.672	<0.02	<0.01	2	<0.001	<0.001	0.08	2.60	<0.02	0.03	<0.001	<0.01	<0.01	4.06	0.08	0.003	1.66	7.27
1144342	Drill Core	4.52	0.086	0.839	<0.02	<0.01	2	<0.001	<0.001	0.08	2.73	<0.02	0.03	<0.001	<0.01	<0.01	4.46	0.07	0.003	1.60	6.82
1144343	Rock Pulp	0.13	0.008	0.371	<0.02	<0.01	<2	<0.001	<0.001	0.03	3.56	<0.02	0.01	<0.001	<0.01	<0.01	1.42	0.06	0.002	2.17	7.73
1144344	Drill Core	4.69	0.009	0.549	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.66	<0.02	0.04	<0.001	<0.01	<0.01	3.92	0.07	0.003	1.33	7.19
1144345	Drill Core	4.43	0.046	0.545	<0.02	<0.01	2	<0.001	<0.001	0.06	1.95	<0.02	0.03	<0.001	<0.01	<0.01	2.97	0.06	0.002	1.07	6.17
1144346	Drill Core	4.58	0.053	0.566	<0.02	<0.01	2	0.001	<0.001	0.06	3.23	<0.02	0.04	<0.001	<0.01	<0.01	3.93	0.08	0.005	1.82	7.49
1144347	Drill Core	4.78	0.065	0.465	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.61	<0.02	0.04	<0.001	<0.01	<0.01	3.57	0.07	0.003	1.65	7.19
1144348	Drill Core	3.13	0.118	0.931	<0.02	<0.01	3	<0.001	<0.001	0.06	3.40	<0.02	0.05	<0.001	<0.01	<0.01	4.16	0.09	0.002	1.89	7.58
1144349	Rock	5.22	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.41	<0.02	0.05	<0.001	<0.01	<0.01	1.37	0.03	<0.001	0.21	6.10
1144350	Drill Core	3.43	0.047	0.391	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.18	<0.02	0.04	<0.001	<0.01	<0.01	4.16	0.09	0.001	1.77	7.98
1144351	Drill Core	4.70	0.057	0.971	<0.02	<0.01	3	<0.001	<0.001	0.06	3.09	<0.02	0.03	<0.001	<0.01	<0.01	3.86	0.07	0.002	1.53	6.82
1144352	Drill Core	4.38	0.044	0.422	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.03	<0.02	0.03	<0.001	<0.01	<0.01	4.49	0.09	0.003	1.61	7.15
1144353	Drill Core	1.46	0.037	0.595	<0.02	<0.01	3	<0.001	<0.001	0.08	3.33	<0.02	0.04	<0.001	<0.01	<0.01	4.90	0.10	0.002	1.64	7.62
1144354	Drill Core	1.56	0.029	0.347	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.72	<0.02	0.04	<0.001	<0.01	<0.01	5.01	0.09	0.002	1.50	7.41
1144355	Drill Core	2.82	0.037	0.669	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.56	<0.02	0.03	<0.001	<0.01	<0.01	4.40	0.08	0.002	1.45	7.02
1144356	Drill Core	7.32	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.82	<0.02	0.06	<0.001	<0.01	<0.01	5.28	0.20	<0.001	2.80	8.72
1144357 Dup of 1144356	CORE DUP		<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.60	<0.02	0.06	<0.001	<0.01	<0.01	5.12	0.19	0.001	2.71	8.43
1144358	Drill Core	4.70	<0.001	0.065	<0.02	<0.01	<2	<0.001	<0.001	0.13	6.44	<0.02	0.06	<0.001	<0.01	<0.01	4.47	0.19	<0.001	2.66	8.68
1144359	Drill Core	5.79	0.031	0.408	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.25	<0.02	0.06	<0.001	<0.01	<0.01	3.73	0.10	0.003	1.51	7.31
1144360	Drill Core	5.27	0.001	0.039	<0.02	<0.01	<2	<0.001	<0.001	0.12	6.33	<0.02	0.06	<0.001	<0.01	<0.01	4.64	0.19	0.001	2.69	8.84
1144361	Drill Core	3.22	0.022	0.396	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.68	<0.02	0.07	<0.001	<0.01	<0.01	4.77	0.06	0.002	1.23	6.91
1144362	Drill Core	4.58	0.005	0.073	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.90	<0.02	0.06	<0.001	<0.01	<0.01	4.19	0.17	<0.001	2.62	8.25

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144333	Drill Core	2.86	1.51	<0.01	2.07	375.5	5410.3	3.7	72	1.7	11.4	10.4	590	2.31	2.6	29.6	1.5	148	0.2	1.4	0.7
1144334	Drill Core	3.00	1.49	<0.01	2.22	301.9	5670.4	4.1	75	1.8	13.0	12.0	606	2.52	4.9	31.7	1.8	148	0.3	1.5	0.7
1144335	Drill Core	3.39	0.92	<0.01	1.63	415.6	2043.2	2.0	60	0.6	9.7	6.6	460	1.80	1.9	13.3	2.1	143	<0.1	2.0	0.3
1144336	Drill Core	3.63	1.07	<0.01	1.66	333.3	4067.5	3.1	75	1.2	11.6	7.8	522	2.32	1.6	20.5	1.7	117	<0.1	3.0	0.3
1144337 Dup of 1144336	CORE DUP	3.64	1.10	<0.01	1.91	377.5	4487.0	3.4	77	1.2	13.0	8.2	530	2.35	1.8	23.5	1.6	127	<0.1	3.3	0.3
1144338	Drill Core	2.56	1.43	<0.01	2.21	451.8	5171.5	7.9	101	2.5	14.8	10.0	775	2.47	1.4	43.8	1.1	109	0.2	1.2	0.7
1144339	Drill Core	2.62	1.70	<0.01	2.38	895.6	8478.5	13.7	82	4.9	9.4	7.0	609	2.16	3.3	51.7	1.4	115	1.3	22.4	1.8
1144340	Drill Core	2.39	2.01	<0.01	2.57	964.7	>10000	9.7	103	4.8	10.7	8.6	688	2.39	3.1	32.7	1.4	117	0.4	16.7	1.5
1144341	Drill Core	2.96	1.84	<0.01	2.37	1258.1	6386.8	4.4	100	2.4	12.0	6.8	691	2.12	3.9	107.6	1.3	139	0.2	26.0	1.5
1144342	Drill Core	2.16	1.90	<0.01	2.73	754.6	7876.8	3.6	96	2.9	12.6	7.3	687	2.21	3.6	57.7	1.2	147	0.8	21.1	1.5
1144343	Rock Pulp	2.39	1.75	<0.01	0.88	75.7	3556.5	5.3	71	0.7	10.0	10.7	244	3.11	26.0	115.4	0.2	22	0.3	0.8	0.1
1144344	Drill Core	2.71	2.03	<0.01	1.55	77.2	5205.1	15.0	78	1.7	9.4	6.5	622	2.09	3.0	50.3	1.5	125	0.2	4.4	1.1
1144345	Drill Core	2.96	1.92	<0.01	1.28	413.2	5301.4	2.9	60	2.2	8.7	4.6	559	1.58	1.8	33.8	1.6	78	0.4	6.5	1.7
1144346	Drill Core	3.32	1.32	<0.01	1.73	454.0	5358.1	3.9	72	2.3	17.1	10.1	491	2.57	1.7	47.2	1.4	106	<0.1	3.3	1.0
1144347	Drill Core	3.31	1.38	<0.01	1.65	573.4	4505.3	2.6	71	1.4	12.9	7.1	494	2.12	1.7	24.8	1.4	109	0.2	4.2	3.0
1144348	Drill Core	2.68	1.73	<0.01	2.25	1051.4	8569.2	6.6	77	2.9	11.1	8.4	462	2.60	1.2	107.6	0.7	117	<0.1	2.9	7.5
1144349	Rock	3.00	2.17	<0.01	<0.05	1.3	17.0	1.9	43	<0.1	0.6	1.9	281	1.24	0.9	1.0	6.2	23	<0.1	<0.1	<0.1
1144350	Drill Core	3.07	1.81	<0.01	1.42	404.0	3683.1	2.5	66	1.5	8.6	8.2	489	2.50	1.8	52.9	1.0	103	<0.1	0.7	0.5
1144351	Drill Core	2.30	1.64	<0.01	1.98	428.9	8865.9	6.0	87	3.6	8.7	7.1	598	2.53	3.2	130.5	1.2	109	0.7	14.7	1.8
1144352	Drill Core	2.51	1.85	<0.01	2.02	373.3	4137.2	3.4	84	1.9	9.4	11.3	693	2.42	2.4	38.1	1.0	126	0.2	3.8	1.6
1144353	Drill Core	2.49	1.71	<0.01	2.02	303.8	5657.4	2.7	68	1.9	8.0	11.1	705	2.66	8.9	27.7	0.9	130	0.4	1.6	1.1
1144354	Drill Core	2.63	1.87	<0.01	2.08	226.0	3246.9	2.0	57	1.2	8.2	8.6	606	2.01	3.5	48.8	1.1	138	<0.1	1.7	0.9
1144355	Drill Core	2.73	1.97	<0.01	2.16	317.3	6416.2	2.3	75	2.5	9.6	8.3	667	2.11	2.5	26.4	1.4	142	0.7	9.9	1.4
1144356	Drill Core	3.15	1.50	<0.01	<0.05	2.7	34.7	2.0	87	<0.1	6.1	23.4	1055	4.85	2.8	1.3	0.7	91	<0.1	1.1	<0.1
1144357 Dup of 1144356	CORE DUP	3.07	1.42	<0.01	<0.05	1.9	34.2	2.1	88	<0.1	6.7	23.6	1070	4.94	2.7	1.4	0.7	91	<0.1	1.1	<0.1
1144358	Drill Core	3.63	1.30	<0.01	0.13	5.3	616.3	2.6	81	0.4	5.6	22.1	852	4.54	4.6	0.8	0.9	90	0.3	0.9	<0.1
1144359	Drill Core	3.93	1.15	<0.01	1.27	263.1	4058.6	6.2	55	1.8	10.1	14.3	475	2.29	3.4	18.4	1.2	114	0.9	0.6	0.2
1144360	Drill Core	4.17	1.14	<0.01	0.22	16.3	410.6	2.2	86	0.3	7.0	20.8	852	4.83	4.9	2.0	0.9	107	0.1	0.7	<0.1
1144361	Drill Core	3.97	1.03	<0.01	2.59	173.2	3958.2	5.0	44	2.2	10.4	7.5	419	2.17	2.3	45.4	1.3	240	1.0	0.5	0.2
1144362	Drill Core	4.25	0.75	<0.01	0.28	42.9	733.4	1.3	91	0.4	6.0	21.1	974	5.13	3.2	6.9	0.9	104	<0.1	0.4	<0.1



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Project: 204920
 Report Date: November 26, 2013

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144333	Drill Core	55	3.25	0.070	4	20	1.28	72	0.034	<20	1.39	0.048	0.14	0.8	0.04	4.0	<0.1	1.94	5	1.7	<0.2
1144334	Drill Core	56	3.45	0.067	4	32	1.36	51	0.036	<20	1.42	0.054	0.14	0.8	0.04	4.2	<0.1	2.16	5	1.8	<0.2
1144335	Drill Core	49	2.81	0.059	3	22	1.13	48	0.061	<20	1.19	0.062	0.10	2.4	0.02	3.6	<0.1	1.62	5	1.0	<0.2
1144336	Drill Core	62	2.33	0.068	3	32	1.38	58	0.074	<20	1.37	0.066	0.07	2.6	0.04	4.3	<0.1	1.66	6	1.6	<0.2
1144337 Dup of 1144336	CORE DUP	63	2.50	0.065	3	31	1.39	58	0.071	<20	1.40	0.063	0.07	2.6	0.02	4.3	<0.1	1.83	6	2.2	<0.2
1144338	Drill Core	62	3.12	0.067	3	34	1.44	49	0.064	<20	1.51	0.048	0.14	2.0	0.03	4.4	<0.1	2.05	6	2.3	0.3
1144339	Drill Core	52	3.32	0.062	3	21	1.00	42	0.042	<20	1.13	0.050	0.16	2.9	0.12	3.9	<0.1	2.21	5	3.5	0.7
1144340	Drill Core	55	3.39	0.065	3	24	1.04	45	0.014	<20	1.12	0.040	0.15	2.5	0.13	3.4	<0.1	2.54	5	3.1	0.4
1144341	Drill Core	59	3.21	0.072	4	30	1.35	33	0.030	<20	1.38	0.052	0.15	2.1	0.18	4.1	<0.1	2.24	6	2.7	0.3
1144342	Drill Core	56	3.57	0.067	3	34	1.24	41	0.038	<20	1.31	0.037	0.15	3.3	0.07	3.4	<0.1	2.52	6	2.4	0.5
1144343	Rock Pulp	188	1.03	0.050	3	16	1.74	20	0.051	<20	2.38	0.123	0.57	1.0	0.03	12.5	<0.1	0.79	8	5.1	0.2
1144344	Drill Core	44	2.93	0.066	4	27	1.07	156	0.016	<20	1.27	0.056	0.17	0.5	0.03	3.2	<0.1	1.42	5	1.7	0.2
1144345	Drill Core	35	2.49	0.055	3	17	0.86	77	0.005	<20	1.03	0.054	0.18	0.6	0.05	2.5	<0.1	1.22	4	1.5	0.7
1144346	Drill Core	74	2.71	0.072	4	51	1.46	56	0.049	<20	1.45	0.062	0.11	1.6	0.03	5.6	<0.1	1.55	6	3.3	0.7
1144347	Drill Core	61	2.46	0.069	4	27	1.41	72	0.061	<20	1.41	0.073	0.12	2.2	0.04	4.7	<0.1	1.55	6	1.7	<0.2
1144348	Drill Core	69	2.62	0.076	3	19	1.53	74	0.073	<20	1.50	0.054	0.12	5.3	0.02	4.7	<0.1	2.06	6	3.4	0.4
1144349	Rock	11	0.19	0.026	10	6	0.22	58	0.058	<20	0.48	0.075	0.26	<0.1	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
1144350	Drill Core	82	2.71	0.081	4	14	1.43	85	0.087	<20	1.52	0.077	0.14	1.8	0.02	5.7	<0.1	1.31	7	1.7	<0.2
1144351	Drill Core	53	3.08	0.067	4	18	1.23	72	0.022	<20	1.40	0.048	0.17	0.4	0.10	3.3	<0.1	1.81	5	3.1	0.3
1144352	Drill Core	62	3.37	0.082	4	19	1.31	63	0.055	<20	1.53	0.052	0.15	2.1	0.04	4.2	<0.1	1.81	6	1.1	0.6
1144353	Drill Core	62	3.76	0.091	8	14	1.35	56	0.050	<20	1.59	0.054	0.17	0.4	0.04	4.8	<0.1	1.87	6	1.1	0.5
1144354	Drill Core	54	3.58	0.075	6	18	1.16	53	0.030	<20	1.34	0.052	0.15	0.6	0.04	3.8	<0.1	1.82	5	1.0	0.4
1144355	Drill Core	51	3.70	0.076	7	19	1.18	75	0.006	<20	1.32	0.056	0.18	0.5	0.11	3.7	<0.1	1.97	5	1.2	0.4
1144356	Drill Core	103	2.19	0.164	11	12	2.44	161	0.218	<20	2.57	0.065	0.02	0.5	<0.01	7.8	<0.1	<0.05	9	<0.5	<0.2
1144357 Dup of 1144356	CORE DUP	106	2.16	0.177	12	11	2.50	150	0.222	<20	2.60	0.063	0.02	0.5	<0.01	7.7	<0.1	<0.05	9	<0.5	<0.2
1144358	Drill Core	105	1.61	0.162	11	11	2.18	363	0.284	<20	2.14	0.084	0.03	0.9	0.01	6.4	<0.1	0.13	8	<0.5	<0.2
1144359	Drill Core	66	1.81	0.095	4	23	1.31	204	0.146	<20	1.31	0.079	0.05	1.6	0.04	4.4	<0.1	1.17	6	1.5	<0.2
1144360	Drill Core	121	2.11	0.169	12	12	2.31	424	0.309	<20	2.17	0.100	0.02	0.7	<0.01	6.7	<0.1	0.21	9	<0.5	<0.2
1144361	Drill Core	53	3.51	0.059	3	26	1.13	87	0.092	<20	1.05	0.069	0.03	0.9	0.02	3.4	<0.1	2.34	5	1.8	<0.2
1144362	Drill Core	167	3.01	0.144	11	13	2.37	275	0.230	<20	2.34	0.093	0.02	0.6	<0.01	12.1	<0.1	0.26	12	<0.5	<0.2

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144333	Drill Core	0.44	2.01	0.043
1144334	Drill Core	0.42	2.20	0.042
1144335	Drill Core	0.26	1.61	0.019
1144336	Drill Core	0.17	1.67	0.032
1144337 Dup of 1144336	CORE DUP	0.18	1.83	0.039
1144338	Drill Core	0.35	2.10	0.043
1144339	Drill Core	0.48	2.33	0.082
1144340	Drill Core	0.50	2.74	0.075
1144341	Drill Core	0.36	2.35	0.187
1144342	Drill Core	0.41	2.80	0.063
1144343	Rock Pulp	0.23	0.86	0.126
1144344	Drill Core	0.52	1.53	0.047
1144345	Drill Core	0.51	1.34	0.044
1144346	Drill Core	0.42	1.67	0.060
1144347	Drill Core	0.31	1.66	0.079
1144348	Drill Core	0.31	2.28	0.262
1144349	Rock	0.03	<0.02	<0.005
1144350	Drill Core	0.40	1.35	0.102
1144351	Drill Core	0.56	2.11	0.149
1144352	Drill Core	0.53	1.93	0.048
1144353	Drill Core	0.64	1.96	0.057
1144354	Drill Core	0.54	2.01	0.048
1144355	Drill Core	0.62	2.08	0.043
1144356	Drill Core	0.47	0.03	<0.005
1144357 Dup of 1144356	CORE DUP	0.44	0.03	<0.005
1144358	Drill Core	0.26	0.14	0.006
1144359	Drill Core	0.15	1.29	0.024
1144360	Drill Core	0.35	0.24	0.009
1144361	Drill Core	0.30	2.44	0.054
1144362	Drill Core	0.72	0.29	0.014



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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144363	Drill Core	5.31	0.022	0.283	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.46	<0.02	0.04	<0.001	<0.01	<0.01	3.38	0.07	0.003	1.44	7.26
1144364	Drill Core	4.10	0.003	0.023	<0.02	<0.01	<2	<0.001	<0.001	0.12	6.13	<0.02	0.06	<0.001	<0.01	<0.01	4.35	0.18	<0.001	2.87	8.43
1144365	Drill Core	2.24	0.055	0.646	<0.02	<0.01	3	0.001	<0.001	0.06	3.14	<0.02	0.04	<0.001	<0.01	<0.01	3.02	0.08	0.003	1.80	7.07
1144366	Rock Pulp	0.14	0.019	0.194	<0.02	0.03	<2	0.003	0.002	0.08	4.25	<0.02	0.03	<0.001	<0.01	<0.01	2.60	0.06	0.005	1.36	5.77
1144367	Drill Core	4.01	0.025	0.652	<0.02	<0.01	3	0.001	0.002	0.07	4.05	<0.02	0.05	<0.001	<0.01	<0.01	3.71	0.10	0.002	1.84	7.88
1144368	Rock	4.65	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.46	<0.02	0.05	<0.001	<0.01	<0.01	1.47	0.03	<0.001	0.24	6.80
1144369	Drill Core	5.98	<0.001	0.003	<0.02	0.01	<2	<0.001	0.003	0.15	6.76	<0.02	0.09	<0.001	<0.01	<0.01	4.21	0.19	<0.001	2.73	8.67
1144370	Drill Core	3.23	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.15	6.71	<0.02	0.09	<0.001	<0.01	<0.01	4.23	0.19	<0.001	2.71	8.65
1144371	Drill Core	2.70	<0.001	0.002	<0.02	0.01	<2	0.001	0.003	0.15	6.77	<0.02	0.09	<0.001	<0.01	<0.01	4.22	0.19	<0.001	2.74	8.72
1144372	Drill Core	6.52	<0.001	0.013	<0.02	0.01	<2	<0.001	0.003	0.13	6.32	<0.02	0.08	<0.001	<0.01	<0.01	4.03	0.19	<0.001	2.60	8.68
1144373	Drill Core	5.99	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.15	6.51	<0.02	0.07	<0.001	<0.01	<0.01	4.23	0.19	<0.001	2.74	8.46
1144374 Dup of 1144373	CORE DUP		<0.001	0.003	<0.02	0.01	<2	<0.001	0.003	0.15	6.69	<0.02	0.07	<0.001	<0.01	<0.01	4.14	0.19	<0.001	2.79	8.66
1144375	Drill Core	6.30	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.15	6.57	<0.02	0.06	<0.001	<0.01	<0.01	4.55	0.19	0.002	2.82	8.57
1144376	Drill Core	4.41	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.16	6.37	<0.02	0.06	<0.001	<0.01	<0.01	4.37	0.18	<0.001	2.83	8.41
1144377	Drill Core	3.93	<0.001	0.001	<0.02	0.02	<2	<0.001	0.003	0.16	6.38	<0.02	0.06	<0.001	<0.01	<0.01	4.13	0.18	<0.001	2.89	8.24
1144378	Drill Core	4.49	0.019	0.646	<0.02	<0.01	4	<0.001	<0.001	0.09	3.24	<0.02	0.02	<0.001	<0.01	<0.01	3.44	0.06	0.002	1.02	6.52
1144379	Drill Core	3.18	0.016	0.369	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.07	<0.02	0.02	<0.001	<0.01	<0.01	3.40	0.06	0.002	1.12	6.76
1144380	Drill Core	5.92	<0.001	0.019	<0.02	0.02	<2	0.001	0.003	0.14	6.54	<0.02	0.03	<0.001	<0.01	<0.01	4.23	0.19	<0.001	3.28	8.50
1144381	Drill Core	3.23	<0.001	0.001	<0.02	0.02	<2	<0.001	0.003	0.16	6.64	<0.02	0.05	<0.001	<0.01	<0.01	4.13	0.19	<0.001	2.79	8.56
1144382	Drill Core	3.21	<0.001	0.001	<0.02	0.01	<2	<0.001	0.003	0.15	6.37	<0.02	0.05	<0.001	<0.01	<0.01	4.32	0.18	<0.001	2.87	8.40
1144383	Drill Core	4.65	0.021	0.311	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.82	<0.02	0.03	<0.001	<0.01	<0.01	3.14	0.08	0.001	1.46	7.08
1144384	Drill Core	4.37	0.011	0.144	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.13	<0.02	0.02	<0.001	<0.01	<0.01	2.86	0.07	0.002	1.11	6.67
1144385	Rock Pulp	0.18	0.016	0.187	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.21	<0.02	0.07	<0.001	<0.01	<0.01	2.31	0.09	0.001	0.73	7.38
1144386	Drill Core	4.66	0.041	0.217	<0.02	<0.01	<2	<0.001	<0.001	0.10	2.76	<0.02	0.03	<0.001	<0.01	<0.01	5.38	0.08	0.002	1.69	7.24
1144387	Drill Core	3.99	0.038	0.165	<0.02	<0.01	<2	0.001	<0.001	0.06	1.74	<0.02	0.03	<0.001	<0.01	<0.01	3.14	0.07	<0.001	0.93	6.73
1144388	Drill Core	6.23	0.038	0.442	<0.02	<0.01	<2	<0.001	0.001	0.08	3.41	<0.02	0.02	<0.001	<0.01	<0.01	3.06	0.13	0.003	1.71	8.13
1144389	Drill Core	6.25	0.002	0.016	<0.02	0.01	<2	<0.001	0.003	0.11	6.09	<0.02	0.03	<0.001	<0.01	<0.01	4.36	0.18	<0.001	3.15	8.42
1144390	Rock	4.21	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.50	<0.02	0.05	<0.001	<0.01	<0.01	1.62	0.03	<0.001	0.25	7.29
1144391	Drill Core	7.38	0.005	0.068	<0.02	0.01	<2	<0.001	0.003	0.11	6.15	<0.02	0.03	<0.001	<0.01	<0.01	4.49	0.17	0.002	3.30	8.49
1144392	Drill Core	3.27	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.13	6.38	<0.02	0.03	<0.001	<0.01	<0.01	3.73	0.19	<0.001	3.23	8.39

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144363	Drill Core	3.90	1.49	<0.01	1.41	208.1	2724.8	2.0	50	1.0	9.8	7.9	458	2.15	3.4	14.1	1.6	180	0.3	0.6	0.3
1144364	Drill Core	3.48	1.23	<0.01	0.34	31.5	221.8	4.0	96	0.1	6.2	22.8	1133	5.41	2.9	2.6	0.7	159	<0.1	0.7	<0.1
1144365	Drill Core	3.51	1.09	<0.01	1.31	475.3	6142.0	3.5	57	3.2	13.0	10.6	556	2.89	2.2	62.2	1.3	143	0.7	0.7	0.3
1144366	Rock Pulp	2.37	0.93	<0.01	0.25	183.6	1890.5	40.8	260	0.6	28.2	10.6	446	3.11	18.3	140.2	1.0	42	1.1	0.8	0.4
1144367	Drill Core	3.27	0.84	<0.01	1.97	207.5	6375.9	6.0	70	3.4	13.0	14.8	673	3.60	5.9	33.1	1.0	187	1.3	0.8	0.4
1144368	Rock	3.04	1.49	<0.01	<0.05	0.4	14.5	1.7	48	<0.1	0.8	2.0	300	1.33	0.9	<0.5	6.3	21	<0.1	<0.1	<0.1
1144369	Drill Core	3.90	0.83	<0.01	<0.05	1.2	34.2	4.2	91	<0.1	6.8	24.0	1281	5.73	4.3	<0.5	0.9	118	0.2	1.2	<0.1
1144370	Drill Core	3.56	0.86	<0.01	<0.05	0.6	21.1	9.6	92	<0.1	6.6	24.2	1319	5.73	4.2	<0.5	0.7	167	1.0	1.3	<0.1
1144371	Drill Core	3.55	0.93	<0.01	<0.05	0.7	22.0	8.7	93	<0.1	7.3	23.6	1338	5.77	4.6	<0.5	0.8	144	0.7	1.0	<0.1
1144372	Drill Core	3.67	0.83	<0.01	<0.05	4.0	125.7	5.5	93	0.1	6.6	23.5	1276	5.76	3.9	0.9	0.8	141	0.2	1.3	<0.1
1144373	Drill Core	3.34	0.66	<0.01	<0.05	0.5	19.3	5.5	102	<0.1	6.9	24.4	1485	5.94	2.5	<0.5	0.6	135	0.3	0.9	<0.1
1144374 Dup of 1144373	CORE DUP	3.43	0.76	<0.01	<0.05	0.6	21.5	5.8	104	<0.1	6.7	24.9	1446	5.98	3.0	<0.5	0.6	124	0.3	1.0	<0.1
1144375	Drill Core	2.99	0.67	<0.01	<0.05	0.5	15.7	3.5	96	<0.1	6.4	24.2	1454	6.00	2.9	<0.5	0.5	116	0.1	1.3	<0.1
1144376	Drill Core	3.28	0.70	<0.01	0.07	0.1	16.2	3.0	131	<0.1	5.8	23.3	1480	5.81	1.7	<0.5	0.5	148	0.1	1.0	<0.1
1144377	Drill Core	3.22	0.73	<0.01	<0.05	<0.1	11.9	2.9	152	<0.1	6.4	24.4	1536	5.83	2.2	<0.5	0.5	169	0.2	0.7	<0.1
1144378	Drill Core	0.34	1.61	<0.01	1.72	165.4	6506.3	3.6	45	5.6	6.3	9.1	847	2.65	3.7	69.8	1.2	186	<0.1	0.7	3.0
1144379	Drill Core	0.27	1.87	<0.01	1.15	126.6	3677.1	2.7	49	1.4	8.0	7.8	605	2.29	3.5	44.1	1.2	139	<0.1	0.5	2.1
1144380	Drill Core	2.52	0.85	<0.01	0.07	1.3	161.4	1.4	172	0.2	7.9	24.4	1327	5.86	1.1	3.0	0.7	111	<0.1	0.3	<0.1
1144381	Drill Core	3.09	0.80	<0.01	<0.05	0.4	13.0	3.1	137	0.1	6.2	23.9	1485	6.08	2.1	1.5	0.5	100	0.1	0.5	<0.1
1144382	Drill Core	3.03	0.78	<0.01	<0.05	0.3	10.5	3.0	135	<0.1	6.1	23.0	1527	5.97	1.7	<0.5	0.5	149	<0.1	0.4	<0.1
1144383	Drill Core	3.02	0.91	<0.01	0.68	166.0	3209.1	1.2	74	1.2	10.7	9.0	750	2.63	2.2	37.4	1.5	137	<0.1	0.4	0.8
1144384	Drill Core	2.97	1.11	<0.01	0.59	73.2	1452.1	0.9	48	0.5	11.0	6.5	575	1.97	1.6	5.4	1.8	126	<0.1	0.3	0.8
1144385	Rock Pulp	3.05	1.26	<0.01	0.27	163.6	1813.0	5.3	73	0.6	14.9	8.1	601	3.59	2.6	259.2	4.3	72	0.1	0.3	0.2
1144386	Drill Core	2.30	1.09	<0.01	0.91	381.5	2162.5	1.9	58	0.7	10.2	8.0	949	2.41	1.8	17.8	1.1	226	<0.1	0.2	1.2
1144387	Drill Core	3.03	1.00	<0.01	0.70	370.6	1648.0	1.0	36	0.3	8.0	5.1	578	1.48	1.8	11.0	1.7	142	<0.1	0.4	0.7
1144388	Drill Core	2.21	1.09	<0.01	0.66	333.5	4449.9	1.6	66	0.7	12.7	11.4	703	2.97	2.7	42.6	1.1	115	0.1	0.3	1.4
1144389	Drill Core	2.36	0.87	<0.01	0.10	16.1	155.3	1.7	128	0.2	6.5	23.1	1081	5.68	1.2	7.2	0.6	129	<0.1	0.2	0.1
1144390	Rock	3.07	1.47	<0.01	<0.05	0.8	12.5	1.7	51	<0.1	0.8	2.2	304	1.38	<0.5	<0.5	6.8	24	<0.1	<0.1	<0.1
1144391	Drill Core	2.41	0.90	<0.01	0.49	45.6	651.7	1.3	122	0.4	9.1	23.3	1020	5.36	1.2	1.8	0.6	180	<0.1	0.1	<0.1
1144392	Drill Core	3.09	0.73	<0.01	<0.05	0.3	18.8	1.2	127	<0.1	6.6	24.7	1296	5.91	1.1	<0.5	0.7	126	<0.1	<0.1	<0.1



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Project: 204920
 Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
1144363	Drill Core	57	2.87	0.068	5	27	1.26	184	0.005	<20	1.34	0.069	0.11	4.0	0.04	3.8	<0.1	1.26	6	0.8	<0.2
1144364	Drill Core	169	3.57	0.160	15	12	2.58	622	0.140	<20	2.78	0.085	0.12	0.2	0.02	12.5	<0.1	0.31	12	<0.5	<0.2
1144365	Drill Core	76	2.61	0.068	5	29	1.61	195	0.006	<20	1.62	0.069	0.11	0.3	0.14	5.1	<0.1	1.26	7	2.2	<0.2
1144366	Rock Pulp	60	0.80	0.056	4	34	0.80	208	0.112	<20	1.60	0.105	0.15	5.2	0.09	4.6	0.1	0.35	5	<0.5	<0.2
1144367	Drill Core	90	3.23	0.094	6	23	1.73	111	0.013	<20	1.92	0.082	0.14	0.2	0.06	6.7	<0.1	1.87	8	1.9	<0.2
1144368	Rock	12	0.20	0.028	11	5	0.24	65	0.064	<20	0.50	0.068	0.27	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1144369	Drill Core	170	2.91	0.174	14	13	2.64	445	0.221	<20	2.73	0.096	0.05	0.2	<0.01	12.6	<0.1	<0.05	12	<0.5	<0.2
1144370	Drill Core	165	3.09	0.170	15	12	2.60	971	0.186	<20	2.72	0.086	0.08	0.1	<0.01	13.0	<0.1	<0.05	11	<0.5	<0.2
1144371	Drill Core	166	3.05	0.174	14	13	2.67	761	0.188	<20	2.80	0.088	0.08	<0.1	0.01	13.0	<0.1	<0.05	11	<0.5	<0.2
1144372	Drill Core	173	3.24	0.169	16	13	2.63	587	0.162	<20	2.84	0.110	0.10	<0.1	<0.01	14.2	<0.1	<0.05	12	<0.5	<0.2
1144373	Drill Core	178	3.51	0.173	16	13	2.72	617	0.120	<20	3.06	0.124	0.09	<0.1	<0.01	13.6	<0.1	<0.05	12	<0.5	<0.2
1144374 Dup of 1144373	CORE DUP	179	3.36	0.176	15	12	2.72	467	0.123	<20	3.03	0.123	0.09	<0.1	<0.01	14.6	<0.1	<0.05	12	<0.5	<0.2
1144375	Drill Core	183	3.64	0.178	15	13	2.78	186	0.109	<20	3.32	0.166	0.09	<0.1	<0.01	12.7	<0.1	<0.05	12	<0.5	<0.2
1144376	Drill Core	185	3.84	0.172	15	12	2.78	592	0.032	<20	3.15	0.103	0.10	<0.1	<0.01	12.8	<0.1	0.07	12	<0.5	<0.2
1144377	Drill Core	176	3.82	0.166	16	12	2.91	633	0.011	<20	3.21	0.072	0.10	<0.1	<0.01	11.9	<0.1	<0.05	12	<0.5	<0.2
1144378	Drill Core	18	3.43	0.054	4	8	0.81	90	<0.001	<20	1.00	0.026	0.25	0.2	0.04	2.1	<0.1	1.75	3	4.0	0.4
1144379	Drill Core	22	3.24	0.059	4	10	0.85	82	0.001	<20	1.24	0.019	0.24	0.2	0.02	2.1	<0.1	1.12	4	1.2	<0.2
1144380	Drill Core	170	4.01	0.172	15	12	3.22	306	0.006	<20	4.03	0.056	0.16	<0.1	<0.01	13.9	<0.1	0.07	12	<0.5	<0.2
1144381	Drill Core	188	3.74	0.169	17	12	2.72	167	0.009	<20	3.13	0.078	0.11	<0.1	<0.01	13.9	<0.1	<0.05	11	<0.5	<0.2
1144382	Drill Core	183	4.05	0.171	17	12	2.91	402	0.007	<20	3.49	0.089	0.13	<0.1	<0.01	13.7	<0.1	<0.05	12	<0.5	<0.2
1144383	Drill Core	66	3.08	0.086	4	14	1.43	75	0.001	<20	1.67	0.080	0.15	0.4	0.01	6.4	<0.1	0.69	5	0.7	<0.2
1144384	Drill Core	36	2.83	0.061	4	12	1.05	46	<0.001	<20	1.30	0.084	0.18	0.5	0.02	3.9	<0.1	0.59	4	0.6	<0.2
1144385	Rock Pulp	58	1.14	0.076	13	22	0.67	186	0.087	<20	1.05	0.074	0.45	0.1	0.03	3.7	0.1	0.27	6	0.8	<0.2
1144386	Drill Core	50	5.02	0.077	3	13	1.53	55	<0.001	<20	1.19	0.064	0.19	0.7	0.02	5.4	<0.1	0.90	3	0.6	0.2
1144387	Drill Core	28	3.02	0.070	3	10	0.83	126	<0.001	<20	0.89	0.060	0.15	0.3	<0.01	3.6	<0.1	0.70	3	0.8	<0.2
1144388	Drill Core	68	2.91	0.117	5	17	1.57	139	0.001	<20	2.02	0.066	0.24	0.4	0.01	7.3	<0.1	0.64	6	1.6	<0.2
1144389	Drill Core	168	4.16	0.160	14	11	3.10	103	0.006	<20	4.04	0.066	0.16	<0.1	<0.01	11.3	<0.1	0.10	12	<0.5	<0.2
1144390	Rock	13	0.20	0.028	13	7	0.25	71	0.071	<20	0.55	0.076	0.30	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1144391	Drill Core	156	4.10	0.151	12	13	3.14	116	0.005	<20	3.97	0.056	0.14	0.2	<0.01	11.0	<0.1	0.45	11	<0.5	<0.2
1144392	Drill Core	186	3.60	0.168	17	12	3.23	273	0.006	<20	3.98	0.053	0.08	<0.1	<0.01	12.9	<0.1	<0.05	13	<0.5	<0.2

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Project: 204920

Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000400.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
1144363	Drill Core	0.50	1.34	0.032
1144364	Drill Core	0.94	0.36	0.006
1144365	Drill Core	0.56	1.29	0.086
1144366	Rock Pulp	0.10	0.36	0.275
1144367	Drill Core	0.57	1.98	0.073
1144368	Rock	0.02	<0.02	<0.005
1144369	Drill Core	0.77	0.03	<0.005
1144370	Drill Core	0.85	0.04	<0.005
1144371	Drill Core	0.81	0.03	<0.005
1144372	Drill Core	0.84	0.04	0.010
1144373	Drill Core	0.94	<0.02	<0.005
1144374 Dup of 1144373	CORE DUP	0.90	<0.02	<0.005
1144375	Drill Core	1.03	<0.02	0.007
1144376	Drill Core	1.11	0.06	0.023
1144377	Drill Core	1.17	0.04	<0.005
1144378	Drill Core	1.00	1.80	0.252
1144379	Drill Core	0.83	1.14	0.115
1144380	Drill Core	1.19	0.06	0.010
1144381	Drill Core	1.11	<0.02	<0.005
1144382	Drill Core	1.18	0.03	<0.005
1144383	Drill Core	1.02	0.68	0.030
1144384	Drill Core	0.89	0.58	0.017
1144385	Rock Pulp	0.32	0.26	0.308
1144386	Drill Core	1.96	0.91	0.022
1144387	Drill Core	0.94	0.69	0.019
1144388	Drill Core	0.99	0.70	0.074
1144389	Drill Core	1.22	0.10	0.010
1144390	Rock	<0.02	<0.02	0.024
1144391	Drill Core	1.11	0.48	0.007
1144392	Drill Core	1.05	0.04	<0.005

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144393	Drill Core	2.87	<0.001	0.003	<0.02	0.01	<2	0.001	0.003	0.14	6.46	<0.02	0.03	<0.001	<0.01	<0.01	3.89	0.19	<0.001	3.30	8.54
1144394	Drill Core	5.12	<0.001	0.004	<0.02	0.01	<2	<0.001	0.003	0.13	6.55	<0.02	0.04	<0.001	<0.01	<0.01	4.86	0.19	<0.001	2.82	8.54
1144395	Drill Core	2.64	<0.001	0.003	<0.02	0.01	<2	<0.001	0.002	0.11	6.58	<0.02	0.04	<0.001	<0.01	<0.01	4.37	0.19	<0.001	2.96	8.60
1144396 Dup of 1144395	CORE DUP		<0.001	0.003	<0.02	0.01	<2	<0.001	0.003	0.11	6.50	<0.02	0.04	<0.001	<0.01	<0.01	4.34	0.19	0.001	2.95	8.53
1144397	Drill Core	3.15	0.046	0.341	<0.02	0.01	<2	<0.001	<0.001	0.09	4.51	<0.02	0.05	<0.001	<0.01	<0.01	3.77	0.13	0.002	2.23	7.88
1144398	Drill Core	4.44	0.032	0.559	<0.02	<0.01	3	<0.001	<0.001	0.05	3.65	<0.02	0.05	<0.001	<0.01	<0.01	2.58	0.07	0.003	1.25	5.73
1144399	Drill Core	2.68	0.034	0.326	<0.02	<0.01	<2	0.001	<0.001	0.03	2.70	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.08	0.002	1.20	6.82
1144400	Drill Core	3.57	0.013	0.139	<0.02	<0.01	<2	<0.001	0.001	0.06	4.04	<0.02	0.03	<0.001	<0.01	<0.01	3.95	0.13	<0.001	2.11	8.00
1144401	Drill Core	6.44	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.11	6.45	<0.02	0.05	<0.001	<0.01	<0.01	4.25	0.19	<0.001	2.97	8.31
1144402	Drill Core	4.04	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.12	6.46	<0.02	0.05	<0.001	<0.01	<0.01	4.32	0.19	0.001	2.97	8.14
1144403	Drill Core	2.97	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.11	6.34	<0.02	0.04	<0.001	<0.01	<0.01	4.68	0.19	<0.001	3.03	8.39
1144404	Drill Core	4.11	0.052	0.772	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.18	<0.02	0.04	<0.001	<0.01	<0.01	3.57	0.12	0.002	1.88	7.41
1144405	Drill Core	4.96	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.11	6.12	<0.02	0.04	<0.001	<0.01	<0.01	4.63	0.19	<0.001	2.76	8.06
1144406	Rock Pulp	0.13	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.19	<0.02	0.05	<0.001	<0.01	<0.01	1.86	0.06	<0.001	0.52	7.79
1144407	Drill Core	6.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.41	<0.02	0.04	<0.001	<0.01	<0.01	4.14	0.19	<0.001	2.92	7.78
1144408	Drill Core	5.53	0.010	0.071	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.14	<0.02	0.03	<0.001	<0.01	<0.01	4.25	0.11	<0.001	1.76	8.49
1144409	Drill Core	6.98	<0.001	0.051	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.08	<0.02	0.03	<0.001	<0.01	<0.01	5.06	0.13	<0.001	1.70	9.23
1144410	Rock	5.37	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.44	<0.02	0.06	<0.001	<0.01	<0.01	1.62	0.03	<0.001	0.23	7.43
1144411	Drill Core	5.63	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.92	<0.02	0.04	<0.001	<0.01	<0.01	4.46	0.13	<0.001	1.90	9.29
1144412	Drill Core	6.38	<0.001	0.060	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.07	<0.02	0.06	<0.001	<0.01	<0.01	4.48	0.13	<0.001	2.04	9.27
1144413	Drill Core	3.01	<0.001	0.047	<0.02	<0.01	<2	<0.001	<0.001	0.10	5.31	<0.02	0.06	<0.001	<0.01	<0.01	4.19	0.13	<0.001	2.00	9.63
1144414	Drill Core	2.67	<0.001	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.85	<0.02	0.06	<0.001	<0.01	<0.01	4.51	0.13	<0.001	1.86	9.56
1144415	Drill Core	5.70	<0.001	0.029	<0.02	<0.01	<2	<0.001	<0.001	0.09	5.27	<0.02	0.06	<0.001	<0.01	<0.01	3.88	0.13	<0.001	1.73	9.65
1144416	Drill Core	6.56	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.59	<0.02	0.07	<0.001	<0.01	<0.01	5.18	0.13	<0.001	1.45	10.06
1144417 Dup of 1144416	CORE DUP		<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.50	<0.02	0.07	<0.001	<0.01	<0.01	5.11	0.13	<0.001	1.44	9.92
1144418	Drill Core	5.56	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.11	5.32	<0.02	0.06	<0.001	<0.01	<0.01	4.02	0.12	<0.001	1.39	9.57
1144419	Drill Core	4.79	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.12	5.44	<0.02	0.06	<0.001	<0.01	<0.01	3.68	0.13	<0.001	1.77	9.79
1144420	Drill Core	1.91	<0.001	0.012	<0.02	<0.01	<2	<0.001	<0.001	0.09	5.35	<0.02	0.03	<0.001	<0.01	<0.01	2.92	0.13	<0.001	1.46	9.91
1144421	Drill Core	3.87	<0.001	0.030	<0.02	<0.01	<2	<0.001	<0.001	0.08	5.02	<0.02	0.03	<0.001	<0.01	<0.01	3.43	0.12	<0.001	1.20	9.18
1144422	Drill Core	4.25	<0.001	0.046	<0.02	<0.01	<2	<0.001	<0.001	0.20	5.44	<0.02	0.01	<0.001	<0.01	<0.01	7.79	0.09	<0.001	1.94	6.17



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Project: 204920
 Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144393	Drill Core	3.06	0.80	<0.01	<0.05	0.3	28.5	1.2	129	<0.1	7.0	23.7	1312	6.04	0.9	<0.5	0.7	119	<0.1	0.1	<0.1
1144394	Drill Core	2.73	0.76	<0.01	0.07	1.1	41.0	3.4	125	<0.1	7.1	24.7	1237	5.91	1.3	<0.5	0.7	154	<0.1	0.3	<0.1
1144395	Drill Core	2.99	0.80	<0.01	<0.05	0.8	26.8	2.0	129	<0.1	5.8	24.1	1007	6.04	1.0	<0.5	0.7	116	<0.1	0.3	<0.1
1144396 Dup of 1144395	CORE DUP	3.04	0.78	<0.01	<0.05	0.7	27.4	2.2	129	<0.1	6.8	24.7	1040	6.16	1.3	<0.5	0.7	118	<0.1	0.2	<0.1
1144397	Drill Core	3.77	0.53	<0.01	0.71	392.4	3544.9	1.6	106	0.8	7.9	16.5	859	4.25	1.3	22.5	1.0	199	<0.1	0.3	0.4
1144398	Drill Core	2.79	1.23	<0.01	2.35	283.2	5844.5	4.2	54	2.2	9.9	12.2	473	3.56	8.3	2906.0	1.3	265	0.1	0.5	5.0
1144399	Drill Core	3.13	1.12	<0.01	0.40	325.6	3363.8	1.8	34	0.3	11.6	9.0	332	2.49	1.5	45.8	1.4	130	<0.1	0.4	0.3
1144400	Drill Core	2.49	1.13	<0.01	0.20	108.1	1379.5	1.9	59	0.3	8.0	16.5	584	3.64	1.3	16.3	1.3	122	0.1	0.4	0.2
1144401	Drill Core	2.63	0.78	<0.01	<0.05	4.6	39.8	3.4	89	<0.1	6.4	22.4	1084	5.48	1.2	0.6	0.5	139	<0.1	0.3	<0.1
1144402	Drill Core	2.94	0.74	<0.01	0.06	0.4	11.6	2.2	91	<0.1	5.7	22.1	1084	5.35	1.3	<0.5	0.6	127	0.1	0.2	<0.1
1144403	Drill Core	2.82	0.71	<0.01	0.15	6.9	73.0	2.2	84	<0.1	6.4	21.0	993	5.08	0.9	1.0	0.5	103	<0.1	0.2	<0.1
1144404	Drill Core	2.04	0.94	<0.01	1.33	449.9	7414.4	4.7	69	1.1	9.7	11.9	763	3.59	4.3	76.9	0.9	186	<0.1	0.8	1.7
1144405	Drill Core	2.55	0.76	<0.01	0.13	2.9	31.1	2.8	94	<0.1	6.1	22.5	1097	5.56	0.9	3.3	0.5	176	<0.1	0.2	<0.1
1144406	Rock Pulp	2.95	0.77	<0.01	0.20	10.9	172.3	12.3	44	<0.1	6.8	5.3	225	1.91	2.4	<0.5	3.2	48	<0.1	0.1	0.2
1144407	Drill Core	2.55	0.91	<0.01	<0.05	0.3	6.0	3.1	95	<0.1	6.1	22.2	1381	5.51	1.5	<0.5	0.5	169	<0.1	0.3	<0.1
1144408	Drill Core	2.04	0.87	<0.01	0.12	99.3	701.2	3.1	51	0.5	6.9	10.6	810	3.12	2.5	15.4	0.5	152	0.2	0.3	0.4
1144409	Drill Core	2.97	0.79	<0.01	<0.05	2.9	534.4	2.3	43	0.7	2.7	9.2	1094	2.75	1.9	208.3	0.4	95	0.4	<0.1	3.4
1144410	Rock	2.95	0.94	<0.01	<0.05	0.3	16.0	1.6	45	<0.1	1.0	2.0	294	1.32	0.5	1.5	6.1	23	<0.1	<0.1	0.2
1144411	Drill Core	3.22	0.81	<0.01	<0.05	0.5	60.7	2.2	43	<0.1	3.1	12.6	1126	3.18	2.6	9.1	0.4	82	0.5	0.3	0.3
1144412	Drill Core	3.96	0.84	<0.01	<0.05	2.8	604.7	1.5	45	0.2	4.1	13.4	1162	3.71	1.9	9.2	0.4	130	0.4	0.2	0.3
1144413	Drill Core	4.40	0.78	<0.01	<0.05	2.0	465.2	1.0	43	0.3	4.0	12.9	897	3.69	1.9	21.9	0.4	82	<0.1	0.2	0.9
1144414	Drill Core	4.29	0.82	<0.01	<0.05	2.2	290.5	1.0	44	0.1	3.0	12.0	938	3.60	1.9	15.2	0.4	84	<0.1	0.1	0.8
1144415	Drill Core	4.61	0.86	<0.01	<0.05	0.2	290.1	1.0	46	0.2	4.3	11.6	871	3.53	1.1	14.8	0.3	62	<0.1	0.3	0.3
1144416	Drill Core	4.14	0.86	<0.01	<0.05	0.2	90.1	2.0	54	<0.1	4.6	10.4	1033	2.81	3.2	3.2	0.3	87	<0.1	0.9	0.9
1144417 Dup of 1144416	CORE DUP	4.09	0.79	<0.01	<0.05	0.2	106.1	2.0	57	0.1	4.2	10.3	1069	2.89	3.1	4.4	0.3	91	<0.1	0.9	0.9
1144418	Drill Core	4.36	0.84	<0.01	<0.05	0.1	70.3	1.8	48	<0.1	3.4	12.0	1030	3.34	1.4	3.7	0.3	76	<0.1	0.2	<0.1
1144419	Drill Core	4.09	0.78	<0.01	<0.05	0.1	164.0	1.6	61	0.2	3.7	13.7	1145	3.61	1.7	5.6	0.4	70	<0.1	0.2	0.4
1144420	Drill Core	3.93	0.88	<0.01	<0.05	0.1	135.3	1.0	41	0.1	5.5	13.3	857	3.51	1.1	7.1	0.3	47	<0.1	<0.1	<0.1
1144421	Drill Core	3.71	0.84	<0.01	<0.05	<0.1	331.6	0.9	30	0.2	3.7	10.5	858	3.39	1.8	9.8	0.4	53	<0.1	0.2	<0.1
1144422	Drill Core	1.10	0.86	<0.01	0.37	1.1	486.6	3.1	35	0.3	8.1	13.0	1907	4.47	12.2	13.4	0.1	80	0.1	0.1	0.7

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1144393	Drill Core	190	3.70	0.167	16	12	3.29	251	0.006	<20	4.10	0.061	0.10	<0.1	<0.01	13.8	<0.1	<0.05	13	<0.5	<0.2
1144394	Drill Core	199	4.40	0.165	16	13	2.85	110	0.008	<20	3.73	0.126	0.11	<0.1	<0.01	15.2	<0.1	0.07	12	<0.5	<0.2
1144395	Drill Core	189	4.06	0.172	17	12	2.94	75	0.006	<20	3.56	0.071	0.13	<0.1	<0.01	13.1	<0.1	<0.05	12	<0.5	<0.2
1144396 Dup of 1144395	CORE DUP	188	4.19	0.173	18	13	3.01	78	0.007	<20	3.64	0.070	0.12	<0.1	<0.01	13.2	<0.1	<0.05	12	<0.5	<0.2
1144397	Drill Core	156	3.52	0.121	8	17	2.24	271	0.005	<20	2.72	0.083	0.09	<0.1	0.02	11.1	<0.1	0.75	11	1.5	<0.2
1144398	Drill Core	59	2.57	0.068	5	17	1.24	98	0.001	<20	1.48	0.057	0.12	0.3	0.10	4.6	<0.1	2.33	6	4.4	0.7
1144399	Drill Core	52	2.50	0.076	9	11	1.15	90	0.001	<20	1.56	0.076	0.16	0.6	0.02	5.3	<0.1	0.41	5	2.0	0.2
1144400	Drill Core	95	3.59	0.115	9	10	2.02	162	0.003	<20	2.77	0.078	0.19	0.3	0.07	7.0	<0.1	0.21	8	0.6	<0.2
1144401	Drill Core	166	3.90	0.163	16	12	2.87	120	0.005	<20	3.34	0.069	0.10	<0.1	<0.01	13.3	<0.1	<0.05	11	<0.5	<0.2
1144402	Drill Core	170	3.88	0.154	15	11	2.81	101	0.005	<20	3.24	0.056	0.08	<0.1	<0.01	13.7	<0.1	0.06	11	<0.5	<0.2
1144403	Drill Core	173	4.19	0.155	14	12	2.86	68	0.006	<20	3.47	0.059	0.09	<0.1	0.01	13.6	<0.1	0.14	11	<0.5	<0.2
1144404	Drill Core	65	3.34	0.101	6	12	1.75	147	0.002	<20	2.27	0.046	0.16	0.2	0.03	4.4	<0.1	1.30	9	2.5	0.2
1144405	Drill Core	172	4.33	0.169	15	12	2.76	139	0.005	<20	3.46	0.052	0.10	<0.1	0.01	14.4	<0.1	0.13	12	<0.5	<0.2
1144406	Rock Pulp	26	0.75	0.055	11	11	0.42	36	0.021	<20	0.77	0.066	0.14	0.5	0.01	1.6	<0.1	0.20	4	<0.5	<0.2
1144407	Drill Core	176	4.18	0.168	16	12	2.93	200	0.006	<20	3.59	0.056	0.10	<0.1	<0.01	15.0	<0.1	<0.05	12	<0.5	<0.2
1144408	Drill Core	49	4.04	0.098	5	4	1.65	127	0.001	<20	2.09	0.052	0.18	0.2	0.04	4.7	<0.1	0.12	6	<0.5	<0.2
1144409	Drill Core	52	4.55	0.119	6	2	1.60	96	0.002	<20	1.78	0.085	0.16	<0.1	0.09	5.3	<0.1	<0.05	6	<0.5	0.3
1144410	Rock	13	0.20	0.027	12	6	0.23	64	0.064	<20	0.52	0.071	0.28	<0.1	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
1144411	Drill Core	68	4.28	0.117	6	3	1.85	44	0.005	<20	2.29	0.084	0.16	<0.1	<0.01	7.4	<0.1	<0.05	9	<0.5	<0.2
1144412	Drill Core	91	4.01	0.115	6	4	1.99	70	0.006	<20	2.56	0.080	0.12	<0.1	0.01	6.7	<0.1	<0.05	10	<0.5	<0.2
1144413	Drill Core	92	3.60	0.113	6	3	1.86	40	0.010	<20	2.41	0.075	0.10	<0.1	0.04	6.7	<0.1	<0.05	11	<0.5	<0.2
1144414	Drill Core	94	3.98	0.117	6	4	1.79	40	0.008	<20	2.36	0.082	0.11	<0.1	0.02	7.3	<0.1	<0.05	10	<0.5	<0.2
1144415	Drill Core	75	3.55	0.117	6	2	1.62	45	0.008	<20	2.19	0.078	0.13	<0.1	0.02	6.2	<0.1	<0.05	10	<0.5	<0.2
1144416	Drill Core	59	4.04	0.114	5	4	1.30	40	0.007	<20	1.80	0.061	0.16	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1144417 Dup of 1144416	CORE DUP	59	4.06	0.113	5	4	1.33	40	0.006	<20	1.86	0.062	0.16	0.1	<0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
1144418	Drill Core	56	3.56	0.109	5	3	1.29	63	0.005	<20	1.69	0.056	0.14	<0.1	<0.01	5.1	<0.1	<0.05	8	<0.5	<0.2
1144419	Drill Core	62	3.25	0.117	5	3	1.67	33	0.007	<20	1.94	0.063	0.17	<0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
1144420	Drill Core	54	2.82	0.115	5	2	1.38	16	0.001	<20	1.65	0.061	0.20	<0.1	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1144421	Drill Core	48	3.43	0.115	5	2	1.15	32	0.002	<20	1.36	0.059	0.22	0.3	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1144422	Drill Core	44	7.11	0.083	3	2	1.82	56	<0.001	<20	1.24	0.021	0.16	0.1	0.02	3.0	<0.1	0.39	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144393	Drill Core	1.09	0.03	<0.005
1144394	Drill Core	1.21	0.06	<0.005
1144395	Drill Core	1.17	0.02	<0.005
1144396 Dup of 1144395	CORE DUP	1.18	<0.02	<0.005
1144397	Drill Core	0.90	0.76	0.047
1144398	Drill Core	0.57	2.43	3.886
1144399	Drill Core	0.76	0.44	0.046
1144400	Drill Core	1.10	0.21	0.037
1144401	Drill Core	1.13	0.02	<0.005
1144402	Drill Core	1.18	0.07	<0.005
1144403	Drill Core	1.23	0.14	<0.005
1144404	Drill Core	0.82	1.37	0.089
1144405	Drill Core	1.26	0.13	<0.005
1144406	Rock Pulp	0.22	0.19	<0.005
1144407	Drill Core	1.22	0.05	<0.005
1144408	Drill Core	1.57	0.12	0.018
1144409	Drill Core	1.82	0.03	0.249
1144410	Rock	0.03	<0.02	<0.005
1144411	Drill Core	1.47	<0.02	0.013
1144412	Drill Core	1.27	0.03	0.013
1144413	Drill Core	1.08	0.03	0.028
1144414	Drill Core	1.19	<0.02	0.017
1144415	Drill Core	1.03	0.04	0.014
1144416	Drill Core	1.20	<0.02	0.010
1144417 Dup of 1144416	CORE DUP	1.22	<0.02	0.008
1144418	Drill Core	1.13	<0.02	0.008
1144419	Drill Core	1.11	<0.02	0.010
1144420	Drill Core	1.16	<0.02	<0.005
1144421	Drill Core	1.38	<0.02	0.009
1144422	Drill Core	3.36	0.39	0.017

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144423	Drill Core	3.39	<0.001	0.032	<0.02	<0.01	<2	<0.001	<0.001	0.26	5.63	<0.02	0.02	<0.001	<0.01	<0.01	9.73	0.09	<0.001	2.27	5.94
1144424	Drill Core	5.07	<0.001	0.008	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.88	<0.02	0.04	<0.001	<0.01	<0.01	3.44	0.15	<0.001	1.28	9.50
1144425	Rock Pulp	0.15	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.60	<0.02	0.06	<0.001	<0.01	<0.01	2.28	0.07	<0.001	0.72	8.48
1144426	Drill Core	5.01	0.005	0.043	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.17	<0.02	0.05	<0.001	<0.01	<0.01	4.71	0.15	<0.001	1.14	9.50
1144427	Drill Core	2.92	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.08	<0.02	0.05	<0.001	<0.01	<0.01	3.89	0.14	<0.001	1.10	9.41
1144428	Rock	5.16	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.45	<0.02	0.05	<0.001	<0.01	<0.01	1.58	0.03	<0.001	0.23	7.39
1144429	Drill Core	4.34	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.98	<0.02	0.05	<0.001	<0.01	<0.01	3.42	0.15	<0.001	1.32	9.69
1144430	Drill Core	5.29	<0.001	0.024	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.62	<0.02	0.06	<0.001	<0.01	<0.01	3.27	0.15	<0.001	1.23	9.54
1144431	Drill Core	3.07	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.41	<0.02	0.04	<0.001	<0.01	<0.01	3.70	0.15	<0.001	1.03	9.21
1144432	Drill Core	2.43	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.50	<0.02	0.04	<0.001	<0.01	<0.01	3.65	0.15	<0.001	1.04	9.29
1144433	Drill Core	5.30	<0.001	0.021	<0.02	<0.01	<2	<0.001	<0.001	0.11	4.26	<0.02	0.04	<0.001	<0.01	<0.01	3.27	0.15	<0.001	1.16	9.33
1144434	Drill Core	4.20	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.86	<0.02	0.03	<0.001	<0.01	<0.01	3.36	0.15	<0.001	1.09	9.58
1144435 Dup of 1144434	CORE DUP		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.84	<0.02	0.03	<0.001	<0.01	<0.01	3.34	0.15	<0.001	1.08	9.32
1144436	Drill Core	6.44	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.12	4.39	<0.02	0.03	<0.001	<0.01	<0.01	4.48	0.13	0.001	1.38	8.51
1144437	Drill Core	3.53	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.14	4.77	<0.02	0.03	<0.001	<0.01	<0.01	4.61	0.11	0.003	1.43	7.90
1144438	Drill Core	2.32	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.36	<0.02	0.03	<0.001	<0.01	<0.01	3.97	0.09	0.002	1.03	6.50
1144439	Drill Core	5.82	<0.001	0.033	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.85	<0.02	0.03	<0.001	<0.01	<0.01	4.75	0.12	0.003	1.29	7.72
1144440	Drill Core	1.96	0.115	0.767	<0.02	<0.01	9	0.001	<0.001	0.13	4.65	<0.02	0.03	<0.001	<0.01	<0.01	3.82	0.11	0.004	1.73	7.90
1144441	Drill Core	4.44	0.013	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.16	4.47	<0.02	0.03	<0.001	<0.01	<0.01	4.88	0.10	0.002	1.51	8.29
1144442	Drill Core	4.43	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.13	4.95	<0.02	0.04	<0.001	<0.01	<0.01	3.23	0.11	0.001	1.70	8.07
1144443	Rock Pulp	0.14	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.13	<0.02	0.05	<0.001	<0.01	<0.01	1.89	0.06	0.001	0.54	7.48
1144444	Drill Core	4.30	0.007	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.12	6.49	<0.02	0.04	<0.001	<0.01	<0.01	5.56	0.10	0.001	1.71	8.16
1144445	Drill Core	4.16	<0.001	0.044	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.90	<0.02	0.02	<0.001	<0.01	<0.01	2.48	0.05	0.002	0.64	7.15
1144446	Drill Core	3.76	<0.001	0.082	<0.02	<0.01	<2	<0.001	<0.001	0.02	1.77	<0.02	0.02	<0.001	<0.01	<0.01	2.42	0.05	0.001	0.61	6.69
1144447	Drill Core	3.91	0.002	0.042	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.02	<0.02	0.02	<0.001	<0.01	<0.01	2.71	0.05	0.001	0.62	7.18
1144448	Drill Core	4.79	<0.001	0.014	<0.02	0.01	<2	0.001	0.001	0.17	7.61	<0.02	0.05	<0.001	<0.01	<0.01	6.89	0.09	0.002	2.03	7.83
1144449	Rock	5.51	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.35	<0.02	0.05	<0.001	<0.01	<0.01	1.44	0.03	<0.001	0.22	6.43
1144450	Drill Core	6.31	0.004	0.054	<0.02	0.02	<2	0.001	0.001	0.19	7.83	<0.02	0.05	<0.001	<0.01	<0.01	6.89	0.09	<0.001	1.94	7.98
1144451	Drill Core	6.76	<0.001	0.024	<0.02	0.01	<2	0.001	0.001	0.18	8.18	<0.02	0.06	<0.001	<0.01	<0.01	6.12	0.09	0.002	2.20	8.17
1144452	Drill Core	3.27	<0.001	0.017	<0.02	<0.01	<2	0.001	0.001	0.18	8.23	<0.02	0.04	<0.001	<0.01	<0.01	4.98	0.09	0.002	2.48	8.03

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144423	Drill Core	1.81	0.85	<0.01	0.23	0.4	338.2	2.4	38	0.2	8.1	13.1	2598	4.83	8.6	11.4	0.2	108	0.1	<0.1	0.5
1144424	Drill Core	4.24	0.91	<0.01	<0.05	0.1	92.0	1.3	61	<0.1	2.5	10.2	869	3.44	1.1	4.3	0.4	60	<0.1	0.3	<0.1
1144425	Rock Pulp	3.26	0.78	<0.01	0.25	35.6	721.6	21.5	48	0.4	8.1	8.5	235	2.21	2.7	1.2	3.0	54	0.1	<0.1	0.3
1144426	Drill Core	4.15	0.86	<0.01	<0.05	45.9	449.4	1.3	76	0.4	2.6	9.3	860	3.08	2.2	86.7	0.4	83	<0.1	0.4	1.4
1144427	Drill Core	4.91	0.70	<0.01	<0.05	2.4	204.7	0.8	66	0.2	2.1	9.6	842	3.11	1.5	14.3	0.3	114	<0.1	0.4	0.6
1144428	Rock	2.88	0.90	<0.01	<0.05	0.6	10.9	1.9	48	<0.1	1.0	2.0	307	1.34	<0.5	0.9	6.5	21	<0.1	<0.1	<0.1
1144429	Drill Core	4.62	0.75	<0.01	<0.05	0.2	67.2	0.9	75	<0.1	1.7	11.4	981	3.72	1.3	2.4	0.4	61	<0.1	0.2	<0.1
1144430	Drill Core	5.14	0.77	<0.01	<0.05	2.7	252.3	1.1	71	<0.1	1.8	11.9	1010	3.72	2.0	4.0	0.4	92	<0.1	0.3	0.1
1144431	Drill Core	4.86	0.74	<0.01	<0.05	0.2	267.8	0.9	72	0.3	2.4	10.6	976	3.20	1.8	18.5	0.4	62	<0.1	0.1	0.2
1144432	Drill Core	4.86	0.77	<0.01	<0.05	0.2	162.2	0.9	65	0.2	1.8	10.0	936	3.16	0.9	13.2	0.4	57	0.1	0.1	0.1
1144433	Drill Core	5.30	0.77	<0.01	<0.05	0.2	225.3	1.3	91	0.2	1.4	9.3	1052	2.90	1.7	8.4	0.4	47	<0.1	0.2	0.1
1144434	Drill Core	4.77	0.74	<0.01	<0.05	0.6	126.1	1.2	70	0.1	2.2	8.3	937	2.70	1.9	10.6	0.5	52	<0.1	0.2	0.3
1144435 Dup of 1144434	CORE DUP	4.76	0.79	<0.01	<0.05	0.7	125.5	1.2	68	0.1	2.2	8.2	890	2.57	1.6	38.1	0.4	50	<0.1	0.1	0.3
1144436	Drill Core	3.57	1.36	<0.01	0.05	1.1	98.8	3.2	82	<0.1	5.0	9.7	1124	3.12	3.5	4.3	0.5	76	0.5	0.2	0.1
1144437	Drill Core	3.28	1.20	<0.01	<0.05	3.3	45.3	3.6	72	<0.1	7.5	13.2	1321	3.65	2.5	3.1	0.6	65	1.1	0.3	<0.1
1144438	Drill Core	3.53	1.31	<0.01	<0.05	0.1	30.9	3.1	65	<0.1	3.5	11.1	1243	3.06	1.8	4.0	0.4	82	0.7	0.1	<0.1
1144439	Drill Core	3.00	1.38	<0.01	<0.05	10.7	347.0	2.6	53	0.2	7.0	11.7	1271	3.58	3.2	43.4	0.4	100	0.6	0.2	0.4
1144440	Drill Core	4.20	1.06	<0.01	0.76	1143.2	7600.1	34.2	89	9.2	13.5	17.0	1274	4.21	4.7	186.7	0.3	71	3.6	4.6	69.4
1144441	Drill Core	2.82	1.42	<0.01	<0.05	136.8	205.3	7.0	58	0.3	5.5	12.5	1488	3.62	2.5	15.4	0.3	107	4.8	0.8	2.7
1144442	Drill Core	4.25	1.25	<0.01	0.08	1.2	102.2	2.8	74	<0.1	5.7	15.8	1270	4.44	3.5	4.0	0.4	69	0.5	0.4	0.1
1144443	Rock Pulp	2.98	1.37	<0.01	0.19	12.1	178.6	13.2	46	<0.1	7.6	5.8	223	1.95	2.6	1.7	3.4	50	0.1	0.1	0.2
1144444	Drill Core	3.28	1.25	<0.01	<0.05	78.4	202.8	2.9	61	0.2	9.6	20.5	1105	5.61	3.2	6.6	0.4	103	0.3	0.5	0.5
1144445	Drill Core	3.88	1.30	<0.01	0.06	10.8	454.4	1.5	14	0.1	6.2	5.6	229	1.55	3.1	12.0	2.3	48	0.1	0.2	0.2
1144446	Drill Core	3.45	1.45	<0.01	0.08	8.9	822.5	1.7	11	0.2	5.3	5.2	185	1.46	0.6	21.4	2.3	59	0.2	0.1	0.2
1144447	Drill Core	3.83	1.20	<0.01	0.08	20.0	445.8	2.1	15	0.1	5.4	6.1	287	1.71	3.0	18.5	2.4	45	<0.1	0.2	0.2
1144448	Drill Core	2.55	1.07	<0.01	0.06	4.2	133.8	24.8	150	0.2	13.0	28.3	1512	6.25	7.0	5.1	0.3	93	0.2	1.0	0.4
1144449	Rock	2.95	2.90	<0.01	0.07	0.5	13.1	1.8	50	<0.1	1.3	2.3	305	1.39	<0.5	1.4	7.0	23	<0.1	<0.1	<0.1
1144450	Drill Core	3.23	0.21	<0.01	0.09	43.3	574.9	42.3	174	0.6	16.0	27.0	1568	6.04	5.0	3.3	0.4	96	0.3	1.1	0.4
1144451	Drill Core	2.87	0.42	<0.01	<0.05	5.5	260.8	7.8	123	0.2	10.8	22.9	1256	5.54	3.0	<0.5	0.5	98	<0.1	1.0	<0.1
1144452	Drill Core	3.34	0.61	<0.01	<0.05	1.6	187.4	3.1	82	0.1	9.6	20.2	1001	4.74	2.2	13.8	0.5	57	<0.1	0.5	<0.1



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Project: 204920

Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144423	Drill Core	47	9.12	0.085	5	2	2.24	50	<0.001	<20	1.21	0.032	0.15	0.1	<0.01	2.9	<0.1	0.23	3	<0.5	<0.2
1144424	Drill Core	49	2.78	0.128	7	1	1.18	91	0.007	<20	1.68	0.089	0.15	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1144425	Rock Pulp	39	0.62	0.066	8	12	0.60	53	0.046	<20	0.91	0.072	0.15	1.2	<0.01	2.1	<0.1	0.24	5	<0.5	<0.2
1144426	Drill Core	48	3.78	0.129	8	1	1.05	229	0.004	<20	1.62	0.080	0.15	0.3	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1144427	Drill Core	49	3.31	0.125	7	2	1.01	702	0.005	<20	1.53	0.078	0.12	0.2	<0.01	3.4	<0.1	<0.05	8	<0.5	<0.2
1144428	Rock	12	0.21	0.029	11	4	0.23	59	0.061	<20	0.50	0.065	0.25	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1144429	Drill Core	62	2.62	0.134	7	2	1.25	178	0.024	<20	1.73	0.102	0.11	0.2	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1144430	Drill Core	75	2.55	0.134	7	2	1.17	411	0.043	<20	1.46	0.090	0.10	0.3	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1144431	Drill Core	44	3.41	0.134	9	2	0.95	231	0.002	<20	1.32	0.065	0.13	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1144432	Drill Core	43	3.38	0.132	8	2	0.95	205	0.003	<20	1.35	0.067	0.13	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1144433	Drill Core	49	2.90	0.130	8	1	1.10	126	0.006	<20	1.37	0.081	0.11	0.1	<0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1144434	Drill Core	45	3.06	0.136	9	1	0.99	111	0.003	<20	1.38	0.065	0.15	0.2	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1144435 Dup of 1144434	CORE DUP	43	3.03	0.134	9	1	0.96	121	0.003	<20	1.34	0.068	0.15	0.2	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1144436	Drill Core	50	3.92	0.117	9	8	1.22	292	0.004	<20	1.73	0.060	0.21	0.2	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1144437	Drill Core	72	4.06	0.110	7	18	1.32	80	0.013	<20	1.85	0.049	0.22	0.1	<0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1144438	Drill Core	50	3.66	0.098	8	3	1.01	385	0.004	<20	1.54	0.055	0.22	<0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1144439	Drill Core	53	4.34	0.119	8	20	1.18	474	0.002	<20	1.67	0.046	0.23	<0.1	<0.01	5.8	<0.1	0.05	6	<0.5	<0.2
1144440	Drill Core	85	3.44	0.110	7	41	1.71	132	0.010	<20	2.12	0.067	0.16	0.3	0.06	8.2	<0.1	0.82	9	6.0	0.9
1144441	Drill Core	65	4.44	0.102	6	8	1.39	404	0.011	<20	1.96	0.044	0.25	0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
1144442	Drill Core	115	2.77	0.110	6	10	1.68	190	0.062	<20	2.24	0.071	0.17	0.1	<0.01	8.1	<0.1	0.07	10	<0.5	<0.2
1144443	Rock Pulp	28	0.91	0.056	11	11	0.45	36	0.024	<20	0.86	0.073	0.15	0.4	<0.01	1.7	<0.1	0.21	4	<0.5	<0.2
1144444	Drill Core	198	4.76	0.102	4	14	1.60	431	0.131	<20	2.06	0.066	0.21	0.4	<0.01	11.9	<0.1	0.05	8	<0.5	<0.2
1144445	Drill Core	16	2.41	0.047	11	8	0.53	210	0.001	<20	0.95	0.064	0.18	<0.1	<0.01	2.0	<0.1	0.06	3	<0.5	<0.2
1144446	Drill Core	14	2.40	0.045	10	8	0.50	324	0.001	<20	0.90	0.052	0.17	<0.1	<0.01	2.0	<0.1	0.09	3	0.5	<0.2
1144447	Drill Core	17	2.62	0.048	10	8	0.55	146	0.001	<20	1.03	0.061	0.18	<0.1	<0.01	2.2	<0.1	0.08	3	<0.5	<0.2
1144448	Drill Core	231	4.89	0.081	3	19	1.94	25	0.176	<20	3.20	0.082	0.14	0.5	0.02	14.3	<0.1	0.07	10	<0.5	<0.2
1144449	Rock	13	0.21	0.029	14	2	0.24	66	0.068	<20	0.53	0.071	0.27	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2
1144450	Drill Core	236	4.64	0.088	2	19	1.74	16	0.226	<20	2.97	0.143	0.03	0.8	<0.01	11.7	<0.1	0.13	11	<0.5	<0.2
1144451	Drill Core	237	3.35	0.084	3	17	1.68	12	0.214	<20	3.00	0.150	0.06	0.6	<0.01	9.3	<0.1	<0.05	10	<0.5	<0.2
1144452	Drill Core	191	2.45	0.089	3	16	1.52	16	0.254	<20	2.56	0.181	0.07	0.5	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
1144423	Drill Core	4.27	0.22	0.013
1144424	Drill Core	0.85	<0.02	0.010
1144425	Rock Pulp	0.14	0.24	<0.005
1144426	Drill Core	1.09	0.04	0.053
1144427	Drill Core	0.98	0.03	0.013
1144428	Rock	0.02	<0.02	<0.005
1144429	Drill Core	0.73	<0.02	0.008
1144430	Drill Core	0.73	0.04	0.029
1144431	Drill Core	1.15	<0.02	0.019
1144432	Drill Core	1.15	<0.02	0.020
1144433	Drill Core	0.84	<0.02	0.014
1144434	Drill Core	0.92	<0.02	0.038
1144435 Dup of 1144434	CORE DUP	0.92	<0.02	0.021
1144436	Drill Core	1.25	<0.02	0.011
1144437	Drill Core	1.28	<0.02	0.005
1144438	Drill Core	1.23	<0.02	0.009
1144439	Drill Core	1.51	0.05	0.011
1144440	Drill Core	1.05	0.81	0.382
1144441	Drill Core	1.52	0.04	0.027
1144442	Drill Core	0.78	0.07	0.008
1144443	Rock Pulp	0.22	0.19	<0.005
1144444	Drill Core	1.43	0.05	0.008
1144445	Drill Core	0.76	0.06	0.020
1144446	Drill Core	0.76	0.09	0.033
1144447	Drill Core	0.80	0.08	0.025
1144448	Drill Core	1.50	0.07	0.007
1144449	Rock	0.03	<0.02	<0.005
1144450	Drill Core	1.22	0.13	0.008
1144451	Drill Core	0.75	0.05	0.005
1144452	Drill Core	0.45	0.04	0.005

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
1144453	Drill Core	2.75	<0.001	0.017	<0.02	0.01	<2	0.001	0.001	0.19	8.46	<0.02	0.04	<0.001	<0.01	<0.01	5.10	0.09	0.001	2.57	8.12
1144454	Drill Core	6.51	<0.001	0.017	<0.02	<0.01	<2	0.001	0.001	0.18	7.95	<0.02	0.04	<0.001	<0.01	<0.01	6.27	0.10	0.002	1.90	8.12
1144455	Drill Core	6.38	<0.001	0.029	<0.02	<0.01	<2	0.001	0.001	0.18	7.81	<0.02	0.03	<0.001	<0.01	<0.01	6.75	0.09	<0.001	1.92	7.96
1144456 Dup of 1144455	CORE DUP		<0.001	0.035	<0.02	<0.01	<2	0.001	0.001	0.18	8.05	<0.02	0.03	<0.001	<0.01	<0.01	6.91	0.10	0.002	1.97	7.96
1144457	Drill Core	6.02	<0.001	0.011	<0.02	<0.01	<2	0.001	0.001	0.17	7.92	<0.02	0.03	<0.001	<0.01	<0.01	6.66	0.10	0.002	2.15	8.11
1144458	Drill Core	4.14	<0.001	0.032	<0.02	<0.01	<2	0.001	0.002	0.18	8.59	<0.02	0.03	<0.001	<0.01	<0.01	7.67	0.10	0.001	2.28	7.97
1144459	Drill Core	4.41	<0.001	0.018	<0.02	<0.01	<2	0.001	0.001	0.18	8.78	<0.02	0.03	<0.001	<0.01	<0.01	6.83	0.11	0.001	2.20	7.75
1144460	Drill Core	4.44	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.19	8.49	<0.02	0.02	<0.001	<0.01	<0.01	8.20	0.10	0.001	2.25	7.90
1144461	Drill Core	3.90	<0.001	0.006	<0.02	<0.01	<2	0.001	0.001	0.19	8.46	<0.02	0.03	<0.001	<0.01	<0.01	7.59	0.09	0.002	2.25	7.98
1144462	Drill Core	4.00	<0.001	0.015	<0.02	<0.01	<2	0.001	0.002	0.18	8.45	<0.02	0.03	<0.001	<0.01	<0.01	7.70	0.10	<0.001	2.22	8.30
1144463	Rock Pulp	0.18	0.017	0.189	<0.02	<0.01	<2	0.001	<0.001	0.07	4.20	<0.02	0.07	<0.001	<0.01	<0.01	2.37	0.08	0.002	0.71	7.57
1144464	Drill Core	3.29	<0.001	0.020	<0.02	<0.01	<2	0.001	0.001	0.17	8.22	<0.02	0.03	<0.001	<0.01	<0.01	6.70	0.09	0.002	2.22	7.81
1144465	Drill Core	4.68	0.006	0.022	<0.02	<0.01	<2	0.001	0.001	0.17	8.57	<0.02	0.03	<0.001	<0.01	<0.01	6.21	0.10	0.002	2.28	8.24
1144466	Drill Core	5.65	<0.001	0.036	<0.02	<0.01	<2	0.001	0.001	0.17	8.09	<0.02	0.04	<0.001	<0.01	<0.01	7.11	0.09	0.002	2.05	7.69
1144467	Drill Core	6.41	<0.001	0.016	<0.02	<0.01	<2	0.001	0.001	0.17	8.47	<0.02	0.04	<0.001	<0.01	<0.01	6.46	0.10	0.001	2.15	8.14
1144468	Rock	5.35	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.47	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.24	6.96
1144469	Drill Core	6.37	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.18	8.73	<0.02	0.05	<0.001	<0.01	<0.01	7.20	0.09	<0.001	2.08	8.23
1144470	Drill Core	3.67	<0.001	0.022	<0.02	<0.01	<2	0.001	0.002	0.17	8.51	<0.02	0.03	<0.001	<0.01	<0.01	6.14	0.09	0.001	2.47	7.94
1144471	Drill Core	4.57	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.001	0.14	6.85	<0.02	0.03	<0.001	<0.01	<0.01	6.69	0.09	0.002	1.89	7.35

CERTIFICATE OF ANALYSIS

SMI13000400.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
1144453	Drill Core	3.26	0.67	<0.01	<0.05	7.8	152.7	2.8	87	<0.1	9.2	20.7	1042	4.82	3.2	9.3	0.5	56	<0.1	0.6	<0.1
1144454	Drill Core	3.71	0.62	<0.01	0.11	0.7	164.8	10.3	64	0.2	10.1	19.7	1044	4.62	15.4	16.2	0.4	37	0.4	0.2	<0.1
1144455	Drill Core	3.47	0.70	<0.01	0.18	13.0	295.3	8.7	63	0.3	9.8	20.8	1104	4.74	26.8	22.9	0.4	37	0.2	0.3	0.1
1144456 Dup of 1144455	CORE DUP	3.57	1.20	<0.01	0.23	13.7	374.2	8.6	63	0.4	9.0	20.3	1102	4.76	26.7	35.6	0.4	38	0.2	0.3	0.2
1144457	Drill Core	3.13	1.09	<0.01	0.06	0.9	110.3	3.3	67	<0.1	11.0	23.4	1357	5.85	10.2	12.0	0.4	62	0.1	0.3	<0.1
1144458	Drill Core	2.47	1.20	<0.01	0.08	5.8	357.0	2.0	56	0.1	9.1	19.6	949	4.54	12.7	5.7	0.4	40	<0.1	0.2	<0.1
1144459	Drill Core	3.12	1.09	<0.01	<0.05	0.9	200.2	1.0	55	0.1	9.0	20.9	1013	4.85	10.5	2.9	0.4	36	<0.1	0.2	<0.1
1144460	Drill Core	2.45	1.07	<0.01	<0.05	3.0	148.5	4.4	50	<0.1	7.5	17.3	924	4.33	8.6	11.7	0.3	27	<0.1	0.1	<0.1
1144461	Drill Core	2.82	1.14	<0.01	<0.05	1.9	71.7	1.2	50	<0.1	7.5	16.7	858	4.05	6.0	1.2	0.3	31	<0.1	0.1	<0.1
1144462	Drill Core	2.94	1.00	<0.01	<0.05	4.2	143.0	1.7	60	<0.1	9.3	20.1	1028	4.71	5.1	5.1	0.3	45	0.1	0.2	<0.1
1144463	Rock Pulp	2.99	1.86	<0.01	0.26	161.0	1880.6	5.5	79	0.6	15.3	8.7	610	3.61	2.7	292.9	4.6	74	0.3	0.4	0.2
1144464	Drill Core	2.81	1.13	<0.01	<0.05	1.8	208.1	1.9	56	<0.1	8.2	18.5	964	4.47	2.3	3.5	0.3	41	0.1	0.2	<0.1
1144465	Drill Core	3.16	0.71	<0.01	0.07	58.3	227.4	3.0	77	0.1	10.9	22.7	1140	5.61	4.7	8.3	0.4	52	<0.1	0.4	0.1
1144466	Drill Core	2.68	0.39	<0.01	0.07	12.2	401.2	1.7	78	0.2	11.4	26.3	1276	5.76	3.2	2.0	0.3	73	0.1	0.3	<0.1
1144467	Drill Core	3.00	1.01	<0.01	<0.05	12.8	171.7	3.5	58	<0.1	7.8	17.8	854	4.31	4.0	1.8	0.4	39	<0.1	0.2	<0.1
1144468	Rock	2.99	1.48	<0.01	<0.05	0.4	11.1	1.9	50	<0.1	1.3	2.3	320	1.46	0.8	<0.5	7.2	24	<0.1	<0.1	<0.1
1144469	Drill Core	2.81	0.77	<0.01	<0.05	9.4	148.3	1.9	60	<0.1	8.6	19.0	876	4.42	4.7	1.5	0.4	71	<0.1	0.3	<0.1
1144470	Drill Core	2.65	1.16	<0.01	0.05	9.4	230.6	1.3	75	<0.1	10.2	23.5	1204	5.64	7.4	1.9	0.4	42	<0.1	0.3	<0.1
1144471	Drill Core	2.39	1.43	<0.01	0.09	2.3	113.0	1.8	61	<0.1	9.8	22.2	1210	5.17	7.6	11.4	0.5	65	<0.1	0.2	0.2



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Project: 204920
 Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
1144453	Drill Core	188	2.46	0.086	3	16	1.56	16	0.228	<20	2.61	0.183	0.07	0.5	<0.01	8.0	<0.1	<0.05	9	<0.5	<0.2
1144454	Drill Core	207	3.42	0.088	2	14	1.22	14	0.189	<20	2.41	0.217	0.07	0.4	0.01	10.2	<0.1	0.14	9	<0.5	<0.2
1144455	Drill Core	204	4.03	0.093	2	15	1.31	15	0.196	<20	2.62	0.203	0.07	0.5	<0.01	10.0	<0.1	0.22	10	<0.5	<0.2
1144456 Dup of 1144455	CORE DUP	204	4.10	0.089	2	14	1.29	13	0.198	<20	2.62	0.201	0.07	0.5	<0.01	10.0	<0.1	0.23	10	0.5	<0.2
1144457	Drill Core	225	4.95	0.087	3	17	1.74	16	0.142	<20	2.96	0.136	0.21	0.3	<0.01	16.2	<0.1	0.07	11	<0.5	<0.2
1144458	Drill Core	186	3.86	0.095	3	13	1.34	22	0.206	<20	3.28	0.170	0.14	0.5	0.03	9.0	<0.1	0.08	11	<0.5	<0.2
1144459	Drill Core	208	3.78	0.096	3	12	1.39	15	0.213	<20	2.80	0.124	0.09	0.4	<0.01	10.4	<0.1	<0.05	10	<0.5	<0.2
1144460	Drill Core	182	4.02	0.087	2	13	1.22	16	0.196	<20	3.45	0.108	0.07	0.4	<0.01	7.1	<0.1	<0.05	10	<0.5	<0.2
1144461	Drill Core	168	3.25	0.087	2	12	1.12	96	0.190	<20	2.98	0.141	0.08	0.4	<0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
1144462	Drill Core	203	4.08	0.082	2	14	1.38	33	0.200	<20	3.14	0.119	0.08	0.4	<0.01	9.2	<0.1	<0.05	10	<0.5	<0.2
1144463	Rock Pulp	60	1.16	0.076	14	23	0.68	189	0.091	<20	1.09	0.074	0.45	0.2	0.03	4.0	0.1	0.27	6	0.8	0.2
1144464	Drill Core	188	3.64	0.084	2	14	1.36	60	0.195	<20	2.67	0.129	0.10	0.4	<0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
1144465	Drill Core	227	3.62	0.092	3	17	1.72	17	0.215	<20	3.10	0.110	0.09	0.5	<0.01	12.6	<0.1	0.07	11	<0.5	<0.2
1144466	Drill Core	198	4.04	0.085	2	19	1.84	67	0.211	<20	3.02	0.094	0.04	0.7	<0.01	11.1	<0.1	0.06	9	<0.5	<0.2
1144467	Drill Core	185	3.12	0.090	2	14	1.21	67	0.219	<20	2.68	0.146	0.10	0.5	<0.01	8.1	<0.1	<0.05	9	<0.5	<0.2
1144468	Rock	14	0.21	0.029	14	4	0.25	69	0.073	<20	0.56	0.078	0.29	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1144469	Drill Core	178	3.15	0.087	2	14	1.24	98	0.218	<20	2.80	0.117	0.05	0.6	<0.01	7.2	<0.1	<0.05	10	<0.5	<0.2
1144470	Drill Core	221	3.66	0.084	2	17	1.87	58	0.223	<20	3.25	0.263	0.08	0.6	<0.01	11.8	<0.1	0.06	11	<0.5	<0.2
1144471	Drill Core	193	5.27	0.084	4	15	1.55	26	0.095	<20	2.47	0.053	0.14	0.3	0.01	12.5	<0.1	0.09	8	<0.5	<0.2

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CERTIFICATE OF ANALYSIS

SMI13000400.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Analyte	Unit	%	%	ppm
	MDL	0.02	0.02	0.005
1144453	Drill Core	0.50	0.04	0.012
1144454	Drill Core	0.83	0.13	0.022
1144455	Drill Core	0.92	0.21	0.031
1144456 Dup of 1144455	CORE DUP	0.94	0.22	0.037
1144457	Drill Core	1.47	0.06	0.023
1144458	Drill Core	0.44	0.08	0.013
1144459	Drill Core	0.64	0.04	0.006
1144460	Drill Core	0.29	0.02	<0.005
1144461	Drill Core	0.20	<0.02	0.006
1144462	Drill Core	0.60	0.04	0.008
1144463	Rock Pulp	0.32	0.26	0.320
1144464	Drill Core	0.63	0.03	0.009
1144465	Drill Core	0.73	0.07	0.015
1144466	Drill Core	0.90	0.06	0.011
1144467	Drill Core	0.31	0.03	0.006
1144468	Rock	0.03	<0.02	<0.005
1144469	Drill Core	0.30	0.05	<0.005
1144470	Drill Core	0.72	0.05	0.010
1144471	Drill Core	1.65	0.10	0.015

QUALITY CONTROL REPORT

SMI13000400.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
1144356	Drill Core	7.32	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.82	<0.02	0.06	<0.001	<0.01	<0.01	5.28	0.20	<0.001	2.80	8.72
REP 1144356	QC		<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.14	6.52	<0.02	0.06	<0.001	<0.01	<0.01	5.17	0.18	<0.001	2.71	8.50
1144359	Drill Core	5.79	0.031	0.408	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.25	<0.02	0.06	<0.001	<0.01	<0.01	3.73	0.10	0.003	1.51	7.31
REP 1144359	QC																				
1144364	Drill Core	4.10	0.003	0.023	<0.02	<0.01	<2	<0.001	<0.001	0.12	6.13	<0.02	0.06	<0.001	<0.01	<0.01	4.35	0.18	<0.001	2.87	8.43
REP 1144364	QC																				
1144379	Drill Core	3.18	0.016	0.369	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.07	<0.02	0.02	<0.001	<0.01	<0.01	3.40	0.06	0.002	1.12	6.76
REP 1144379	QC																				
1144392	Drill Core	3.27	<0.001	0.002	<0.02	0.01	<2	<0.001	0.003	0.13	6.38	<0.02	0.03	<0.001	<0.01	<0.01	3.73	0.19	<0.001	3.23	8.39
REP 1144392	QC		<0.001	0.002	<0.02	0.01	<2	<0.001	0.002	0.13	6.39	<0.02	0.03	<0.001	<0.01	<0.01	3.78	0.19	<0.001	3.23	8.44
1144399	Drill Core	2.68	0.034	0.326	<0.02	<0.01	<2	0.001	<0.001	0.03	2.70	<0.02	0.03	<0.001	<0.01	<0.01	2.54	0.08	0.002	1.20	6.82
REP 1144399	QC																				
1144414	Drill Core	2.67	<0.001	0.028	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.85	<0.02	0.06	<0.001	<0.01	<0.01	4.51	0.13	<0.001	1.86	9.56
REP 1144414	QC																				
1144427	Drill Core	2.92	<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.08	<0.02	0.05	<0.001	<0.01	<0.01	3.89	0.14	<0.001	1.10	9.41
REP 1144427	QC		<0.001	0.019	<0.02	<0.01	<2	<0.001	<0.001	0.09	4.06	<0.02	0.05	<0.001	<0.01	<0.01	3.84	0.14	<0.001	1.08	9.26
1144434	Drill Core	4.20	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.10	3.86	<0.02	0.03	<0.001	<0.01	<0.01	3.36	0.15	<0.001	1.09	9.58
REP 1144434	QC																				
1144449	Rock	5.51	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.35	<0.02	0.05	<0.001	<0.01	<0.01	1.44	0.03	<0.001	0.22	6.43
REP 1144449	QC																				
REP 1144469	QC																				
1144471	Drill Core	4.57	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.001	0.14	6.85	<0.02	0.03	<0.001	<0.01	<0.01	6.69	0.09	0.002	1.89	7.35
REP 1144471	QC		<0.001	0.010	<0.02	<0.01	<2	0.001	0.001	0.15	7.00	<0.02	0.03	<0.001	<0.01	<0.01	6.72	0.09	0.002	1.94	7.34
REP 1144398	QC																				
Core Reject Duplicates																					
1144355	Drill Core	2.82	0.037	0.669	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.56	<0.02	0.03	<0.001	<0.01	<0.01	4.40	0.08	0.002	1.45	7.02
DUP 1144355	QC		0.038	0.639	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.53	<0.02	0.03	<0.001	<0.01	<0.01	4.24	0.08	0.002	1.47	6.50
1144393	Drill Core	2.87	<0.001	0.003	<0.02	0.01	<2	0.001	0.003	0.14	6.46	<0.02	0.03	<0.001	<0.01	<0.01	3.89	0.19	<0.001	3.30	8.54

QUALITY CONTROL REPORT

SMI13000400.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
1144356	Drill Core	3.15	1.50	<0.01	<0.05	2.7	34.7	2.0	87	<0.1	6.1	23.4	1055	4.85	2.8	1.3	0.7	91	<0.1	1.1	<0.1
REP 1144356	QC	3.06	1.55	<0.01	<0.05																
1144359	Drill Core	3.93	1.15	<0.01	1.27	263.1	4058.6	6.2	55	1.8	10.1	14.3	475	2.29	3.4	18.4	1.2	114	0.9	0.6	0.2
REP 1144359	QC					284.3	4118.1	6.1	56	1.6	9.6	13.7	482	2.33	3.7	25.8	1.2	119	0.9	0.5	0.2
1144364	Drill Core	3.48	1.23	<0.01	0.34	31.5	221.8	4.0	96	0.1	6.2	22.8	1133	5.41	2.9	2.6	0.7	159	<0.1	0.7	<0.1
REP 1144364	QC																				
1144379	Drill Core	0.27	1.87	<0.01	1.15	126.6	3677.1	2.7	49	1.4	8.0	7.8	605	2.29	3.5	44.1	1.2	139	<0.1	0.5	2.1
REP 1144379	QC					138.7	3747.5	2.8	50	1.6	8.3	8.0	621	2.35	4.0	75.2	1.4	145	<0.1	0.6	2.1
1144392	Drill Core	3.09	0.73	<0.01	<0.05	0.3	18.8	1.2	127	<0.1	6.6	24.7	1296	5.91	1.1	<0.5	0.7	126	<0.1	<0.1	<0.1
REP 1144392	QC	3.08	0.83	<0.01	<0.05																
1144399	Drill Core	3.13	1.12	<0.01	0.40	325.6	3363.8	1.8	34	0.3	11.6	9.0	332	2.49	1.5	45.8	1.4	130	<0.1	0.4	0.3
REP 1144399	QC																				
1144414	Drill Core	4.29	0.82	<0.01	<0.05	2.2	290.5	1.0	44	0.1	3.0	12.0	938	3.60	1.9	15.2	0.4	84	<0.1	0.1	0.8
REP 1144414	QC					2.1	299.4	1.0	43	0.1	4.1	12.8	984	3.81	1.8	18.8	0.4	90	<0.1	0.1	0.8
1144427	Drill Core	4.91	0.70	<0.01	<0.05	2.4	204.7	0.8	66	0.2	2.1	9.6	842	3.11	1.5	14.3	0.3	114	<0.1	0.4	0.6
REP 1144427	QC	4.82	0.86	<0.01	<0.05																
1144434	Drill Core	4.77	0.74	<0.01	<0.05	0.6	126.1	1.2	70	0.1	2.2	8.3	937	2.70	1.9	10.6	0.5	52	<0.1	0.2	0.3
REP 1144434	QC																				
1144449	Rock	2.95	2.90	<0.01	0.07	0.5	13.1	1.8	50	<0.1	1.3	2.3	305	1.39	<0.5	1.4	7.0	23	<0.1	<0.1	<0.1
REP 1144449	QC					0.4	11.7	1.8	49	<0.1	1.2	2.3	307	1.39	0.5	<0.5	6.9	23	<0.1	<0.1	<0.1
REP 1144469	QC																				
1144471	Drill Core	2.39	1.43	<0.01	0.09	2.3	113.0	1.8	61	<0.1	9.8	22.2	1210	5.17	7.6	11.4	0.5	65	<0.1	0.2	0.2
REP 1144471	QC	2.38	1.44	<0.01	0.08	2.6	115.5	1.9	64	<0.1	9.5	21.6	1191	5.15	7.9	17.4	0.4	65	<0.1	0.2	0.1
REP 1144398	QC																				
Core Reject Duplicates																					
1144355	Drill Core	2.73	1.97	<0.01	2.16	317.3	6416.2	2.3	75	2.5	9.6	8.3	667	2.11	2.5	26.4	1.4	142	0.7	9.9	1.4
DUP 1144355	QC	2.77	2.11	<0.01	2.03	311.8	5997.0	2.2	76	2.3	9.3	8.2	649	2.04	2.4	36.1	1.2	132	0.5	10.7	1.4
1144393	Drill Core	3.06	0.80	<0.01	<0.05	0.3	28.5	1.2	129	<0.1	7.0	23.7	1312	6.04	0.9	<0.5	0.7	119	<0.1	0.1	<0.1

QUALITY CONTROL REPORT

SMI13000400.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																					
1144356	Drill Core	103	2.19	0.164	11	12	2.44	161	0.218	<20	2.57	0.065	0.02	0.5	<0.01	7.8	<0.1	<0.05	9	<0.5	<0.2
REP 1144356	QC																				
1144359	Drill Core	66	1.81	0.095	4	23	1.31	204	0.146	<20	1.31	0.079	0.05	1.6	0.04	4.4	<0.1	1.17	6	1.5	<0.2
REP 1144359	QC	67	1.85	0.093	4	23	1.32	232	0.152	<20	1.32	0.082	0.05	1.6	0.03	4.3	<0.1	1.19	6	<0.5	<0.2
1144364	Drill Core	169	3.57	0.160	15	12	2.58	622	0.140	<20	2.78	0.085	0.12	0.2	0.02	12.5	<0.1	0.31	12	<0.5	<0.2
REP 1144364	QC																				
1144379	Drill Core	22	3.24	0.059	4	10	0.85	82	0.001	<20	1.24	0.019	0.24	0.2	0.02	2.1	<0.1	1.12	4	1.2	<0.2
REP 1144379	QC	23	3.31	0.059	4	10	0.87	83	0.001	<20	1.27	0.019	0.25	0.2	0.03	2.3	<0.1	1.13	5	2.2	0.2
1144392	Drill Core	186	3.60	0.168	17	12	3.23	273	0.006	<20	3.98	0.053	0.08	<0.1	<0.01	12.9	<0.1	<0.05	13	<0.5	<0.2
REP 1144392	QC																				
1144399	Drill Core	52	2.50	0.076	9	11	1.15	90	0.001	<20	1.56	0.076	0.16	0.6	0.02	5.3	<0.1	0.41	5	2.0	0.2
REP 1144399	QC																				
1144414	Drill Core	94	3.98	0.117	6	4	1.79	40	0.008	<20	2.36	0.082	0.11	<0.1	0.02	7.3	<0.1	<0.05	10	<0.5	<0.2
REP 1144414	QC	96	4.00	0.125	7	4	1.85	45	0.008	<20	2.43	0.085	0.11	<0.1	0.02	7.5	<0.1	<0.05	11	<0.5	<0.2
1144427	Drill Core	49	3.31	0.125	7	2	1.01	702	0.005	<20	1.53	0.078	0.12	0.2	<0.01	3.4	<0.1	<0.05	8	<0.5	<0.2
REP 1144427	QC																				
1144434	Drill Core	45	3.06	0.136	9	1	0.99	111	0.003	<20	1.38	0.065	0.15	0.2	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
REP 1144434	QC																				
1144449	Rock	13	0.21	0.029	14	2	0.24	66	0.068	<20	0.53	0.071	0.27	<0.1	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2
REP 1144449	QC	13	0.19	0.028	14	3	0.24	66	0.068	<20	0.53	0.069	0.27	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
REP 1144469	QC																				
1144471	Drill Core	193	5.27	0.084	4	15	1.55	26	0.095	<20	2.47	0.053	0.14	0.3	0.01	12.5	<0.1	0.09	8	<0.5	<0.2
REP 1144471	QC	193	5.25	0.079	4	16	1.55	27	0.105	<20	2.45	0.054	0.15	0.3	<0.01	12.1	<0.1	0.09	9	<0.5	<0.2
REP 1144398	QC																				
Core Reject Duplicates																					
1144355	Drill Core	51	3.70	0.076	7	19	1.18	75	0.006	<20	1.32	0.056	0.18	0.5	0.11	3.7	<0.1	1.97	5	1.2	0.4
DUP 1144355	QC	51	3.44	0.078	6	20	1.16	74	0.006	<20	1.30	0.051	0.15	0.4	0.12	3.8	<0.1	1.83	5	1.7	0.6
1144393	Drill Core	190	3.70	0.167	16	12	3.29	251	0.006	<20	4.10	0.061	0.10	<0.1	<0.01	13.8	<0.1	<0.05	13	<0.5	<0.2

QUALITY CONTROL REPORT

SMI13000400.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
1144356	Drill Core	0.47	0.03 <0.005
REP 1144356	QC		
1144359	Drill Core	0.15	1.29 0.024
REP 1144359	QC		
1144364	Drill Core	0.94	0.36 0.006
REP 1144364	QC	0.93	0.36
1144379	Drill Core	0.83	1.14 0.115
REP 1144379	QC		
1144392	Drill Core	1.05	0.04 <0.005
REP 1144392	QC		
1144399	Drill Core	0.76	0.44 0.046
REP 1144399	QC	0.77	0.44 0.049
1144414	Drill Core	1.19	<0.02 0.017
REP 1144414	QC		
1144427	Drill Core	0.98	0.03 0.013
REP 1144427	QC		
1144434	Drill Core	0.92	<0.02 0.038
REP 1144434	QC	0.91	<0.02
1144449	Rock	0.03	<0.02 <0.005
REP 1144449	QC		
REP 1144469	QC	0.28	0.05
1144471	Drill Core	1.65	0.10 0.015
REP 1144471	QC		
REP 1144398	QC		5.279
Core Reject Duplicates			
1144355	Drill Core	0.62	2.08 0.043
DUP 1144355	QC	0.58	1.95 0.044
1144393	Drill Core	1.09	0.03 <0.005

QUALITY CONTROL REPORT

SMI13000400.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.02	0.01	0.001	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
DUP 1144393	QC	<0.001	0.003	<0.02	0.01	<2	<0.001	0.003	0.13	6.39	<0.02	0.03	<0.001	<0.01	<0.01	3.82	0.18	<0.001	3.28	8.45	
1144431	Drill Core	3.07	<0.001	0.025	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.41	<0.02	0.04	<0.001	<0.01	<0.01	3.70	0.15	<0.001	1.03	9.21
DUP 1144431	QC	<0.001	0.027	<0.02	<0.01	<2	<0.001	<0.001	0.10	4.39	<0.02	0.04	<0.001	<0.01	<0.01	3.72	0.15	<0.001	1.02	9.23	
1144469	Drill Core	6.37	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.18	8.73	<0.02	0.05	<0.001	<0.01	<0.01	7.20	0.09	<0.001	2.08	8.23
DUP 1144469	QC	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.18	8.72	<0.02	0.05	<0.001	<0.01	<0.01	7.17	0.09	0.002	2.08	8.25	
Reference Materials																					
STD CDN-ME-14	Standard	0.001	1.222	0.48	3.08	46	0.002	0.018	0.09	18.38	<0.02	<0.01	0.010	<0.01	0.01	0.76	0.02	0.001	1.31	4.29	
STD CDN-ME-9	Standard	<0.001	0.642	<0.02	0.01	3	0.883	0.016	0.12	13.66	<0.02	0.03	<0.001	<0.01	<0.01	4.14	0.06	0.028	4.01	6.50	
STD CDN-ME-14	Standard	0.001	1.245	0.49	3.15	46	0.002	0.017	0.09	18.07	<0.02	<0.01	0.010	<0.01	0.01	0.75	0.02	0.002	1.28	4.49	
STD CDN-ME-9	Standard	<0.001	0.639	<0.02	<0.01	3	0.911	0.016	0.12	13.83	<0.02	0.03	<0.001	<0.01	<0.01	4.22	0.06	0.028	4.13	6.62	
STD CDN-ME-14	Standard	0.001	1.252	0.51	3.06	45	0.003	0.017	0.09	17.72	<0.02	<0.01	0.009	<0.01	0.01	0.75	0.02	0.001	1.30	4.51	
STD CDN-ME-14	Standard	0.001	1.246	0.49	3.22	46	0.001	0.017	0.09	18.39	<0.02	<0.01	0.009	<0.01	0.01	0.75	0.01	0.001	1.27	4.35	
STD CDN-ME-9	Standard	<0.001	0.633	<0.02	<0.01	3	0.915	0.016	0.12	13.70	<0.02	0.03	<0.001	<0.01	<0.01	4.04	0.06	0.027	3.95	6.43	
STD CDN-ME-14	Standard	0.001	1.254	0.50	3.17	44	0.002	0.017	0.09	17.98	<0.02	<0.01	0.010	<0.01	<0.01	0.74	0.02	0.002	1.27	4.40	
STD CDN-ME-14	Standard	0.001	1.258	0.51	3.19	43	0.002	0.018	0.09	18.03	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	0.001	1.28	4.05	
STD CDN-ME-9	Standard	<0.001	0.659	<0.02	0.01	3	0.914	0.019	0.12	13.77	<0.02	0.03	<0.001	<0.01	<0.01	4.20	0.06	0.032	4.02	6.59	
STD CDN-ME-14	Standard	0.001	1.258	0.50	3.16	43	0.002	0.017	0.09	17.51	<0.02	<0.01	0.009	<0.01	0.01	0.69	0.01	<0.001	1.24	4.03	
STD CDN-ME-9	Standard	<0.001	0.636	<0.02	<0.01	3	0.919	0.015	0.12	13.83	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.06	0.028	4.07	6.62	
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GBM309-15	Standard																				
STD GGC-02	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
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STD GS311-1	Standard																				



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Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000400.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
DUP 1144393	QC	3.04	0.70	<0.01	<0.05	0.5	28.6	1.1	127	<0.1	6.5	24.1	1288	5.89	0.9	<0.5	0.7	115	<0.1	0.1	<0.1
1144431	Drill Core	4.86	0.74	<0.01	<0.05	0.2	267.8	0.9	72	0.3	2.4	10.6	976	3.20	1.8	18.5	0.4	62	<0.1	0.1	0.2
DUP 1144431	QC	4.89	0.89	<0.01	<0.05	0.3	277.5	0.9	69	0.3	2.3	9.9	969	3.18	1.4	18.6	0.4	59	<0.1	0.2	0.2
1144469	Drill Core	2.81	0.77	<0.01	<0.05	9.4	148.3	1.9	60	<0.1	8.6	19.0	876	4.42	4.7	1.5	0.4	71	<0.1	0.3	<0.1
DUP 1144469	QC	2.77	0.75	<0.01	<0.05	8.2	150.0	2.0	61	<0.1	9.3	19.7	875	4.43	5.2	1.7	0.4	70	<0.1	0.3	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.53	1.69	<0.01	15.88																
STD CDN-ME-9	Standard	1.77	0.64	<0.01	2.56																
STD CDN-ME-14	Standard	0.55	1.97	<0.01	15.83																
STD CDN-ME-9	Standard	1.88	0.87	<0.01	2.48																
STD CDN-ME-14	Standard	0.55	1.59	<0.01	16.07																
STD CDN-ME-14	Standard	0.53	1.50	<0.01	16.47																
STD CDN-ME-9	Standard	1.77	0.87	<0.01	2.47																
STD CDN-ME-14	Standard	0.54	1.71	<0.01	16.40																
STD CDN-ME-14	Standard	0.52	1.63	<0.01	15.56																
STD CDN-ME-9	Standard	1.76	0.62	<0.01	2.38																
STD CDN-ME-14	Standard	0.52	1.69	<0.01	15.52																
STD CDN-ME-9	Standard	1.86	0.62	<0.01	2.36																
STD DS10	Standard					12.4	150.0	154.6	348	2.1	75.2	12.4	823	2.62	44.5	304.6	7.0	65	2.2	9.1	12.4
STD DS10	Standard					13.7	155.9	156.4	375	2.2	76.2	13.2	883	2.81	46.5	57.3	7.4	69	2.4	8.7	12.1
STD DS10	Standard					15.0	156.0	148.8	359	1.5	75.9	12.8	855	2.71	43.1	52.7	7.1	67	2.7	8.4	12.0
STD DS10	Standard					12.3	148.5	152.5	358	1.8	74.2	12.1	850	2.67	43.8	58.0	7.0	64	2.4	8.0	12.1
STD DS10	Standard					13.0	164.1	150.5	367	2.1	76.2	13.0	861	2.66	45.4	62.9	6.6	63	2.9	8.1	10.8
STD GBM309-15	Standard																				
STD GGC-02	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				

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Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000400.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
DUP 1144393	QC	188	3.60	0.162	17	12	3.25	245	0.006	<20	4.03	0.056	0.10	<0.1	<0.01	12.8	<0.1	<0.05	13	<0.5	<0.2
1144431	Drill Core	44	3.41	0.134	9	2	0.95	231	0.002	<20	1.32	0.065	0.13	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
DUP 1144431	QC	44	3.40	0.135	8	1	0.95	232	0.002	<20	1.33	0.065	0.13	0.2	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1144469	Drill Core	178	3.15	0.087	2	14	1.24	98	0.218	<20	2.80	0.117	0.05	0.6	<0.01	7.2	<0.1	<0.05	10	<0.5	<0.2
DUP 1144469	QC	175	3.04	0.084	2	14	1.25	102	0.224	<20	2.77	0.117	0.05	0.5	<0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD DS10	Standard	41	1.01	0.075	15	53	0.74	327	0.067	<20	0.91	0.066	0.31	3.2	0.31	2.7	5.0	0.27	4	2.5	5.1
STD DS10	Standard	46	1.08	0.074	16	57	0.80	371	0.073	<20	1.03	0.069	0.34	3.0	0.30	3.0	5.0	0.29	4	2.8	5.4
STD DS10	Standard	44	1.06	0.070	16	55	0.78	357	0.075	<20	1.01	0.067	0.33	2.7	0.30	2.7	4.6	0.28	4	2.2	5.3
STD DS10	Standard	42	0.97	0.071	15	52	0.75	348	0.066	<20	0.95	0.062	0.31	2.9	0.28	2.5	4.7	0.28	4	2.1	5.3
STD DS10	Standard	40	1.05	0.077	15	56	0.75	317	0.063	<20	0.96	0.061	0.32	3.0	0.27	2.6	5.1	0.27	4	2.2	4.7
STD GBM309-15	Standard																				
STD GGC-02	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				

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QUALITY CONTROL REPORT

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		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
DUP 1144393	QC	1.08	0.03	<0.005
1144431	Drill Core	1.15	<0.02	0.019
DUP 1144431	QC	1.15	<0.02	0.025
1144469	Drill Core	0.30	0.05	<0.005
DUP 1144469	QC	0.29	0.05	0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GBM309-15	Standard	0.19	27.85	
STD GGC-02	Standard	29.41	<0.02	
STD GS311-1	Standard	0.93	2.21	
STD GS311-1	Standard	1.01	2.32	
STD GS311-1	Standard	0.96	2.28	
STD GS311-1	Standard	0.97	2.34	



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QUALITY CONTROL REPORT

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	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD GS311-1 Expected																					
STD GS910-4 Expected																					

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QUALITY CONTROL REPORT

SMI13000400.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.0	625.4	13.6	27	0.2	331.9	47.4	360	20.81	8.3	47.6	9.2	4	<0.1	0.3	0.3	
STD OREAS45EA	Standard					1.0	683.0	14.8	29	0.2	379.2	52.7	403	22.63	9.1	46.5	10.5	4	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.4	704.8	14.6	30	0.2	394.9	53.2	409	22.27	10.2	51.5	10.3	4	<0.1	0.4	0.2	
STD OREAS45EA	Standard					1.3	673.1	13.7	29	0.3	370.4	50.7	398	23.01	9.4	45.7	9.6	4	<0.1	0.2	0.3	
STD OREAS45EA	Standard					1.4	660.4	15.0	30	0.3	369.1	49.6	402	22.44	8.8	59.8	10.9	4	<0.1	0.3	0.5	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD GS311-1 Expected																						
STD GS910-4 Expected																						

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QUALITY CONTROL REPORT

SMI13000400.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	275	0.03	0.024	6	777	0.08	129	0.082	<20	2.68	0.022	0.05	<0.1	0.01	70.6	<0.1	<0.05	11	<0.5	<0.2	
STD OREAS45EA	Standard	305	0.04	0.029	7	841	0.09	148	0.090	<20	3.21	0.026	0.06	<0.1	<0.01	80.2	<0.1	<0.05	13	<0.5	<0.2	
STD OREAS45EA	Standard	309	0.04	0.027	7	867	0.09	137	0.091	<20	3.28	0.026	0.06	<0.1	<0.01	79.3	<0.1	<0.05	12	0.5	<0.2	
STD OREAS45EA	Standard	297	0.04	0.029	6	850	0.10	138	0.086	<20	3.04	0.024	0.05	<0.1	0.02	76.4	<0.1	<0.05	12	<0.5	<0.2	
STD OREAS45EA	Standard	321	0.04	0.030	7	895	0.09	144	0.081	<20	2.95	0.016	0.05	<0.1	<0.01	74.9	<0.1	<0.05	12	<0.5	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000400.1

		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
STD GS311-1	Standard	1.01	2.33	
STD GS910-4	Standard	2.64	8.19	
STD GS910-4	Standard	2.64	8.24	
STD GS910-4	Standard	2.51	8.11	
STD GS910-4	Standard	2.55	8.31	
STD GS910-4	Standard	2.61	8.13	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.200
STD OXC109	Standard			0.201
STD OXC109	Standard			0.206
STD OXI96	Standard			1.869
STD OXI96	Standard			1.813
STD OXI96	Standard			1.759
STD OXL93	Standard			5.864
STD OXL93	Standard			5.898
STD OXL93	Standard			5.663
STD DS10 Expected				
STD OREAS45EA Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	



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QUALITY CONTROL REPORT

SMI13000400.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD GBM309-15 Expected																					
STD GGC-02 Expected																					
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.29	<0.02	0.06	<0.001	<0.01	<0.01	2.09	0.07	<0.001	0.61	5.17	
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.23	<0.02	0.07	<0.001	<0.01	<0.01	2.20	0.08	0.001	0.63	6.04	

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Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000400.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
STD GBM309-15 Expected																					
STD GGC-02 Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank																				
BLK	Blank																				
BLK	Blank					<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.01	<0.05																
BLK	Blank	<0.01	0.01	<0.01	<0.05																
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	2.70	1.86	<0.01	<0.05	0.2	3.9	2.4	46	<0.1	4.7	4.1	548	1.93	<0.5	1.7	4.4	51	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.69	2.16	<0.01	<0.05	0.2	3.8	2.2	45	<0.1	3.8	4.0	519	1.71	<0.5	0.9	3.9	43	<0.1	<0.1	<0.1

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Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000400.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD GBM309-15 Expected																					
STD GGC-02 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.004	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.005	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.005	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	35	0.43	0.074	8	10	0.56	210	0.114	<20	0.89	0.072	0.45	0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	32	0.39	0.071	6	8	0.54	199	0.102	<20	0.80	0.051	0.43	<0.1	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2

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Project: 204920
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QUALITY CONTROL REPORT

SMI13000400.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD GBM309-15 Expected			28.84	
STD GGC-02 Expected			28.25	
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			0.007
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.03	<0.02	<0.005
G1-SMI	Prep Blank	0.04	<0.02	0.008



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Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 22, 2014
Report Date: February 26, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000400R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_014
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	41	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS

Switched samples in original job.



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Project: 204920
Report Date: February 26, 2014

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CERTIFICATE OF ANALYSIS

SMI13000400R.1

Method	G6
Analyte	Au
Unit	ppm
MDL	0.005
1144344	Drill Core 0.052
1144345	Drill Core 0.043
1144346	Drill Core 0.049
1144347	Drill Core 0.045
1144348	Drill Core 0.257
1144349	Rock <0.005
1144350	Drill Core 0.083
1144351	Drill Core 0.139
1144352	Drill Core 0.044
1144353	Drill Core 0.054
1144354	Drill Core 0.039
1144355	Drill Core 0.054
1144356	Drill Core <0.005
1144357 Dup of 1144356	CORE DUP <0.005
1144358	Drill Core <0.005
1144359	Drill Core 0.036
1144360	Drill Core 0.031
1144361	Drill Core 0.006
1144362	Drill Core 0.040
1144363	Drill Core 0.027
1144364	Drill Core <0.005
1144365	Drill Core 0.070
1144366	Rock Pulp 0.230
1144367	Drill Core 0.044
1144368	Rock <0.005
1144369	Drill Core <0.005
1144370	Drill Core <0.005
1144371	Drill Core <0.005
1144372	Drill Core 0.005
1144373	Drill Core <0.005



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Project: 204920
Report Date: February 26, 2014

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CERTIFICATE OF ANALYSIS

SMI13000400R.1

Method	G6	
Analyte	Au	
Unit	ppm	
MDL	0.005	
1144374 Dup of 1144373	CORE DUP	<0.005
1144375	Drill Core	<0.005
1144376	Drill Core	<0.005
1144377	Drill Core	<0.005
1144378	Drill Core	0.153
1144379	Drill Core	0.071
1144380	Drill Core	<0.005
1144381	Drill Core	<0.005
1144382	Drill Core	<0.005
1144383	Drill Core	0.031
1144384	Drill Core	0.011



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Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 26, 2014

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Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000400R.1

	Method	G6
	Analyte	Au
	Unit	ppm
	MDL	0.005
Pulp Duplicates		
1144349	Rock	<0.005
REP 1144349	QC	<0.005
1144355	Drill Core	0.054
REP 1144355	QC	0.041
1144366	Rock Pulp	0.230
REP 1144366	QC	0.206
Reference Materials		
STD OXC109	Standard	0.194
STD OXC109	Standard	0.196
STD OXI96	Standard	1.780
STD OXI96	Standard	1.754
STD OXL93	Standard	5.669
STD OXL93	Standard	5.773
STD OXC109 Expected		0.201
STD OXI96 Expected		1.802
STD OXL93 Expected		5.841
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005
BLK	Blank	<0.005

CERTIFICATE OF ANALYSIS

SMI13000407.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_016
P.O. Number
Number of Samples: 101

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	97	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	97	Split samples by riffle splitter			SMI
P200	97	Pulverize to 85% passing 200 mesh			VAN
7TD2	97	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	97	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	97	Analysis by Leco	0.1	Completed	VAN
G6	97	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322844	Drill Core	5.95	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.21	<0.02	0.03	<0.001	<0.01	<0.01	1.81	0.05	0.004	0.88	7.26
2322845	Drill Core	2.76	<0.001	0.003	<0.02	0.01	<2	<0.001	<0.001	0.06	2.43	<0.02	0.02	<0.001	<0.01	<0.01	1.67	0.05	0.004	0.90	7.66
2322846	Drill Core	7.04	<0.001	0.002	<0.02	<0.01	<2	0.001	<0.001	0.06	2.44	<0.02	0.02	<0.001	<0.01	<0.01	2.28	0.06	0.003	0.84	7.46
2322847	Drill Core	2.74	<0.001	0.001	<0.02	<0.01	<2	0.001	<0.001	0.07	2.04	<0.02	0.01	<0.001	<0.01	<0.01	2.42	0.06	0.003	0.75	7.15
2322848	Drill Core	2.71	<0.001	0.001	<0.02	<0.01	<2	0.001	<0.001	0.09	2.17	<0.02	0.01	<0.001	<0.01	<0.01	3.04	0.05	0.003	0.82	6.59
2322849	Drill Core	5.72	<0.001	<0.001	<0.02	<0.01	<2	0.001	<0.001	0.07	1.89	<0.02	0.01	<0.001	<0.01	<0.01	2.64	0.04	0.003	1.04	6.28
2322850	Drill Core	4.54	<0.001	0.003	<0.02	<0.01	<2	0.002	0.001	0.15	3.14	<0.02	<0.01	<0.001	<0.01	<0.01	6.12	0.05	0.003	2.27	6.22
2322851	Drill Core	7.04	<0.001	0.002	<0.02	<0.01	<2	0.002	<0.001	0.07	2.32	<0.02	0.01	<0.001	<0.01	<0.01	2.89	0.06	0.002	1.19	7.01
2322852	Drill Core	3.33	<0.001	0.003	<0.02	<0.01	7	0.001	<0.001	0.07	2.49	<0.02	0.01	<0.001	<0.01	<0.01	3.23	0.06	0.003	1.22	6.92
2322853	Rock	3.76	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.53	<0.02	0.05	<0.001	<0.01	<0.01	1.62	0.04	0.002	0.27	6.86
2322854	Drill Core	6.05	<0.001	0.001	<0.02	<0.01	<2	0.001	0.001	0.06	2.83	<0.02	0.01	<0.001	<0.01	<0.01	2.62	0.06	0.002	1.10	6.56
2322855	Drill Core	3.39	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.48	<0.02	0.02	<0.001	<0.01	<0.01	2.90	0.06	0.003	1.21	6.12
2322856	Rock Pulp	0.15	0.004	0.075	<0.02	<0.01	<2	<0.001	0.001	0.03	2.49	<0.02	0.06	<0.001	<0.01	<0.01	2.13	0.07	0.001	0.70	7.34
2322857	Drill Core	2.82	<0.001	0.001	<0.02	<0.01	<2	0.001	0.001	0.09	3.05	<0.02	0.02	<0.001	<0.01	<0.01	3.41	0.06	0.002	1.40	6.32
2322858 Dup of 2322857	CORE DUP		<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	2.97	<0.02	0.02	<0.001	<0.01	<0.01	3.27	0.06	0.001	1.34	6.43
2322859	Drill Core	3.87	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.58	<0.02	0.01	<0.001	<0.01	<0.01	2.62	0.06	0.002	1.03	6.50
2322860	Drill Core	3.35	<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.12	3.46	<0.02	0.02	<0.001	<0.01	<0.01	5.55	0.05	0.002	1.75	6.69
2322861	Drill Core	3.23	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.001	0.07	3.02	<0.02	0.02	<0.001	<0.01	<0.01	2.54	0.06	0.003	1.02	6.09
2322862	Drill Core	4.24	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.09	2.95	<0.02	0.02	<0.001	<0.01	<0.01	4.14	0.06	0.003	0.98	6.79
2322863	Rock	4.48	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.60	<0.02	0.05	<0.001	<0.01	<0.01	1.73	0.03	0.001	0.30	7.13
2322864	Drill Core	4.10	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.001	0.10	3.02	<0.02	0.01	<0.001	<0.01	<0.01	3.96	0.06	<0.001	1.23	6.83
2322865	Drill Core	3.38	<0.001	0.015	<0.02	<0.01	<2	<0.001	<0.001	0.07	3.04	<0.02	0.01	<0.001	<0.01	<0.01	2.36	0.06	<0.001	1.11	6.99
2322866	Drill Core	3.27	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.08	3.11	<0.02	0.01	<0.001	<0.01	<0.01	2.42	0.06	0.003	1.12	7.21
2322867	Drill Core	4.58	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.59	<0.02	0.01	<0.001	<0.01	<0.01	3.92	0.06	0.002	1.01	6.83
2322868	Drill Core	2.88	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.78	<0.02	0.03	<0.001	<0.01	<0.01	2.17	0.06	0.002	0.98	6.72
2322869	Drill Core	5.15	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.78	<0.02	0.03	<0.001	<0.01	<0.01	1.75	0.06	0.002	1.00	7.74
2322870 Dup of 2322869	CORE DUP	<0.01	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.72	<0.02	0.03	<0.001	<0.01	<0.01	1.65	0.06	0.001	0.98	7.06
2322871	Drill Core	4.16	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.93	<0.02	0.03	<0.001	<0.01	<0.01	2.14	0.06	0.002	1.03	7.70
2322872	Drill Core	3.08	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.06	2.80	<0.02	0.03	<0.001	<0.01	<0.01	1.95	0.06	<0.001	1.01	7.65
2322873	Drill Core	5.17	<0.001	0.037	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.70	<0.02	0.03	<0.001	<0.01	<0.01	1.93	0.06	0.002	0.94	6.71

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322844	Drill Core	3.03	1.56	<0.01	0.14	1.5	27.5	3.2	75	<0.1	9.3	4.8	641	1.84	3.5	8.1	2.1	57	0.3	0.2	0.3
2322845	Drill Core	2.67	1.31	<0.01	0.25	6.7	28.8	26.5	97	0.2	8.7	7.5	566	1.99	9.2	22.4	2.0	42	0.5	0.2	0.7
2322846	Drill Core	2.88	1.42	<0.01	0.16	2.6	14.4	2.0	45	<0.1	8.6	7.2	649	1.88	19.4	7.7	1.9	38	<0.1	0.4	0.4
2322847	Drill Core	2.31	1.59	<0.01	0.08	3.5	10.7	1.6	28	<0.1	5.5	5.5	632	1.39	5.3	3.0	1.6	37	<0.1	0.1	<0.1
2322848	Drill Core	2.27	1.47	<0.01	0.07	4.5	9.9	1.7	30	<0.1	5.7	5.3	824	1.58	5.2	2.7	1.6	29	<0.1	0.1	<0.1
2322849	Drill Core	1.84	1.58	<0.01	0.29	1.9	5.9	1.4	21	<0.1	4.4	5.1	669	1.42	6.7	3.4	1.2	32	<0.1	0.1	0.2
2322850	Drill Core	0.73	1.45	<0.01	0.61	9.4	28.8	4.8	44	0.2	5.8	12.4	1464	2.52	9.7	11.7	1.1	52	0.2	0.1	1.2
2322851	Drill Core	1.92	1.60	<0.01	0.50	1.0	20.4	1.8	27	1.0	5.8	7.1	680	1.88	9.7	5.4	1.8	40	<0.1	0.1	0.9
2322852	Drill Core	1.85	1.53	<0.01	0.60	1.3	29.9	1.9	28	7.1	6.1	6.5	690	1.97	14.5	5.9	1.7	39	<0.1	<0.1	1.0
2322853	Rock	2.92	1.38	<0.01	<0.05	0.2	12.1	1.8	55	0.1	1.3	2.4	317	1.42	0.6	<0.5	7.1	19	<0.1	<0.1	<0.1
2322854	Drill Core	1.95	1.68	<0.01	1.13	2.0	13.1	2.0	28	0.1	6.3	8.7	630	2.48	19.6	24.2	1.9	28	<0.1	0.1	1.8
2322855	Drill Core	2.41	1.41	<0.01	0.32	6.6	7.3	1.3	26	<0.1	5.0	6.0	722	1.99	8.3	4.5	2.1	31	<0.1	<0.1	0.4
2322856	Rock Pulp	3.26	1.52	<0.01	0.25	37.0	759.1	23.0	50	0.4	8.4	8.7	246	2.31	2.9	1.5	3.1	53	0.3	<0.1	0.2
2322857	Drill Core	2.47	1.46	<0.01	0.51	2.0	11.1	1.9	33	<0.1	7.1	8.6	876	2.52	11.0	4.2	1.9	47	<0.1	<0.1	0.5
2322858 Dup of 2322857	CORE DUP	2.44	1.43	<0.01	0.52	2.0	11.4	1.9	35	<0.1	6.7	9.5	863	2.55	12.1	5.6	1.8	47	<0.1	0.1	0.5
2322859	Drill Core	2.48	1.79	<0.01	0.32	0.5	33.4	2.1	36	<0.1	6.3	8.2	628	2.04	10.1	3.6	2.0	43	<0.1	0.1	0.7
2322860	Drill Core	2.16	1.39	<0.01	0.40	0.7	17.3	3.9	45	<0.1	6.8	9.2	1228	2.88	9.9	3.1	1.9	98	<0.1	0.2	0.5
2322861	Drill Core	3.10	1.71	<0.01	0.33	0.6	14.9	2.5	43	0.1	6.9	8.0	652	2.36	6.4	5.0	2.1	49	<0.1	0.3	0.4
2322862	Drill Core	2.23	1.51	<0.01	0.36	0.8	99.3	4.7	42	1.0	7.4	8.3	890	2.37	7.1	20.6	1.9	72	0.1	0.2	2.0
2322863	Rock	2.95	1.74	<0.01	<0.05	0.3	14.8	2.0	50	<0.1	1.6	2.5	346	1.50	0.8	1.5	6.9	24	<0.1	<0.1	<0.1
2322864	Drill Core	2.01	1.50	<0.01	0.75	1.1	152.2	3.2	36	0.2	6.4	10.1	940	2.41	9.8	8.1	1.9	47	<0.1	0.2	1.0
2322865	Drill Core	2.54	1.41	<0.01	0.86	1.5	164.1	2.3	42	0.2	8.0	8.0	740	2.64	9.8	18.9	2.3	41	<0.1	0.2	2.1
2322866	Drill Core	2.65	1.31	<0.01	0.94	1.3	151.8	2.2	42	0.2	7.8	8.5	746	2.69	9.9	9.4	2.2	41	<0.1	0.2	2.0
2322867	Drill Core	2.27	1.32	<0.01	0.49	0.6	15.2	2.0	35	<0.1	7.0	6.7	802	2.13	9.0	3.1	2.0	47	<0.1	0.2	1.0
2322868	Drill Core	3.04	1.78	<0.01	0.78	1.1	30.7	2.6	38	<0.1	8.0	8.3	627	2.46	12.0	5.8	2.4	39	<0.1	0.2	2.0
2322869	Drill Core	3.37	1.42	<0.01	0.32	1.6	29.8	1.7	36	<0.1	8.3	8.0	563	2.39	6.4	2.3	2.4	44	<0.1	0.4	0.5
2322870 Dup of 2322869	CORE DUP	3.33	1.51	<0.01	0.32	1.5	29.3	1.6	33	<0.1	7.9	7.1	549	2.31	5.7	1.8	2.3	44	<0.1	0.5	0.5
2322871	Drill Core	3.41	1.50	<0.01	0.36	1.3	29.4	1.6	35	<0.1	8.0	8.6	583	2.31	8.5	2.3	2.3	43	<0.1	0.6	0.5
2322872	Drill Core	3.40	1.42	<0.01	0.37	0.9	8.8	1.8	33	<0.1	8.6	10.6	608	2.40	4.7	4.6	2.2	42	<0.1	0.4	0.5
2322873	Drill Core	3.24	1.44	<0.01	0.31	1.6	372.2	1.7	34	0.1	6.9	7.1	596	2.25	3.3	9.1	2.3	37	<0.1	0.4	1.0

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322844	Drill Core	19	1.72	0.049	12	17	0.75	831	0.002	<20	1.07	0.050	0.22	1.5	<0.01	1.6	<0.1	0.13	4	<0.5	<0.2
2322845	Drill Core	17	1.53	0.051	11	15	0.71	544	0.002	<20	1.00	0.035	0.21	2.9	0.02	1.7	<0.1	0.24	4	<0.5	0.4
2322846	Drill Core	18	2.29	0.064	13	12	0.69	410	<0.001	<20	0.99	0.043	0.22	<0.1	<0.01	2.4	<0.1	0.15	3	<0.5	0.3
2322847	Drill Core	10	2.37	0.052	8	6	0.54	535	<0.001	<20	0.56	0.024	0.20	<0.1	0.01	2.1	<0.1	0.08	2	<0.5	<0.2
2322848	Drill Core	11	3.07	0.050	11	6	0.66	220	<0.001	<20	0.61	0.032	0.23	<0.1	<0.01	2.2	<0.1	0.07	2	<0.5	<0.2
2322849	Drill Core	7	2.63	0.045	5	5	0.87	308	<0.001	<20	0.39	0.022	0.21	<0.1	0.01	1.7	<0.1	0.28	1	<0.5	0.3
2322850	Drill Core	10	5.72	0.042	5	2	2.07	310	<0.001	<20	0.43	0.013	0.23	<0.1	0.02	1.7	<0.1	0.57	1	<0.5	0.5
2322851	Drill Core	13	2.86	0.062	7	4	1.00	383	<0.001	<20	0.56	0.025	0.24	5.1	0.01	2.2	<0.1	0.49	1	<0.5	0.6
2322852	Drill Core	14	3.26	0.059	7	4	1.02	217	<0.001	<20	0.55	0.028	0.24	41.0	0.02	2.2	<0.1	0.57	1	0.6	0.9
2322853	Rock	15	0.21	0.031	13	6	0.26	71	0.067	<20	0.53	0.054	0.29	0.2	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
2322854	Drill Core	16	2.67	0.063	9	5	0.94	110	<0.001	<20	0.61	0.028	0.25	0.2	0.01	2.0	<0.1	1.13	2	1.5	1.3
2322855	Drill Core	15	2.95	0.064	13	6	1.12	225	<0.001	<20	0.58	0.034	0.21	0.3	0.01	2.5	<0.1	0.32	2	<0.5	0.2
2322856	Rock Pulp	41	0.67	0.065	8	12	0.62	54	0.046	<20	0.95	0.076	0.15	1.0	<0.01	2.2	<0.1	0.26	5	<0.5	<0.2
2322857	Drill Core	18	3.51	0.062	12	9	1.27	458	<0.001	<20	0.83	0.039	0.22	0.4	0.01	2.2	<0.1	0.51	3	<0.5	0.5
2322858 Dup of 2322857	CORE DUP	18	3.27	0.056	12	9	1.26	509	<0.001	<20	0.81	0.038	0.22	0.4	0.01	2.2	<0.1	0.52	3	0.6	0.5
2322859	Drill Core	17	2.56	0.059	10	7	0.90	616	<0.001	<20	0.67	0.029	0.20	<0.1	<0.01	2.2	<0.1	0.31	2	<0.5	0.3
2322860	Drill Core	21	5.35	0.056	13	9	1.64	1032	<0.001	<20	0.87	0.027	0.19	0.2	0.01	2.5	<0.1	0.36	3	<0.5	0.4
2322861	Drill Core	29	2.64	0.066	12	11	0.86	327	0.002	<20	1.22	0.046	0.22	<0.1	0.02	2.6	<0.1	0.32	5	<0.5	<0.2
2322862	Drill Core	22	4.16	0.064	13	11	0.85	675	0.001	<20	1.16	0.031	0.22	<0.1	0.01	2.5	<0.1	0.34	5	<0.5	1.2
2322863	Rock	15	0.33	0.029	13	8	0.28	81	0.074	<20	0.59	0.074	0.30	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2322864	Drill Core	20	3.74	0.053	10	10	0.99	263	<0.001	<20	1.03	0.025	0.21	<0.1	0.02	2.1	<0.1	0.70	4	<0.5	0.5
2322865	Drill Core	28	2.44	0.061	11	14	0.96	401	0.002	<20	1.31	0.037	0.23	<0.1	<0.01	2.3	<0.1	0.86	5	<0.5	1.0
2322866	Drill Core	27	2.36	0.061	11	13	0.95	346	0.001	<20	1.26	0.034	0.20	<0.1	<0.01	2.2	<0.1	0.91	5	<0.5	1.0
2322867	Drill Core	23	3.95	0.059	13	12	0.83	448	0.001	<20	1.17	0.034	0.24	<0.1	0.01	2.0	<0.1	0.48	4	<0.5	0.5
2322868	Drill Core	29	2.07	0.061	9	15	0.88	289	0.002	<20	1.15	0.045	0.18	<0.1	0.01	1.9	<0.1	0.77	5	<0.5	1.0
2322869	Drill Core	27	1.36	0.056	9	17	0.93	478	0.005	<20	1.26	0.065	0.19	<0.1	0.01	1.6	<0.1	0.33	6	<0.5	<0.2
2322870 Dup of 2322869	CORE DUP	27	1.35	0.058	9	16	0.90	471	0.005	<20	1.23	0.066	0.19	<0.1	<0.01	1.6	<0.1	0.31	5	<0.5	<0.2
2322871	Drill Core	29	1.45	0.056	7	15	0.95	372	0.006	<20	1.24	0.060	0.15	<0.1	<0.01	1.7	<0.1	0.36	6	<0.5	0.2
2322872	Drill Core	27	1.66	0.058	9	17	0.93	528	0.003	<20	1.26	0.061	0.18	<0.1	<0.01	1.7	<0.1	0.36	6	<0.5	0.4
2322873	Drill Core	28	1.76	0.056	11	14	0.86	299	0.003	<20	1.16	0.054	0.18	0.2	0.01	2.1	<0.1	0.31	5	<0.5	0.5

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Project: 204920

Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000407.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2322844	Drill Core	0.48	0.13	0.010
2322845	Drill Core	0.44	0.27	0.032
2322846	Drill Core	0.76	0.17	0.008
2322847	Drill Core	0.98	0.08	<0.005
2322848	Drill Core	1.26	0.07	<0.005
2322849	Drill Core	1.40	0.32	<0.005
2322850	Drill Core	3.31	0.67	0.014
2322851	Drill Core	1.55	0.55	0.007
2322852	Drill Core	1.74	0.68	<0.005
2322853	Rock	<0.02	<0.02	<0.005
2322854	Drill Core	1.40	1.15	0.011
2322855	Drill Core	1.65	0.35	<0.005
2322856	Rock Pulp	0.13	0.26	<0.005
2322857	Drill Core	1.78	0.55	<0.005
2322858 Dup of 2322857	CORE DUP	1.68	0.55	0.005
2322859	Drill Core	1.33	0.34	<0.005
2322860	Drill Core	2.65	0.39	<0.005
2322861	Drill Core	0.89	0.34	<0.005
2322862	Drill Core	1.45	0.34	0.022
2322863	Rock	0.07	<0.02	<0.005
2322864	Drill Core	1.46	0.75	0.010
2322865	Drill Core	0.71	0.89	0.015
2322866	Drill Core	0.73	0.97	0.010
2322867	Drill Core	1.26	0.48	<0.005
2322868	Drill Core	0.58	0.75	0.007
2322869	Drill Core	0.35	0.33	<0.005
2322870 Dup of 2322869	CORE DUP	0.35	0.31	<0.005
2322871	Drill Core	0.35	0.36	<0.005
2322872	Drill Core	0.44	0.36	<0.005
2322873	Drill Core	0.51	0.34	0.005

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322874	Drill Core	4.87	<0.001	0.010	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.75	<0.02	0.03	<0.001	<0.01	<0.01	2.16	0.06	0.001	0.99	7.15
2322875	Rock Pulp	0.15	0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.21	<0.02	0.05	<0.001	<0.01	<0.01	1.88	0.06	<0.001	0.54	7.34
2322876	Drill Core	5.27	<0.001	<0.001	<0.02	<0.01	<2	0.002	<0.001	0.07	2.63	<0.02	0.02	<0.001	<0.01	<0.01	3.11	0.06	0.001	1.12	7.02
2322877	Drill Core	4.34	<0.001	0.004	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.66	<0.02	0.02	<0.001	<0.01	<0.01	1.86	0.06	<0.001	1.12	7.79
2322878	Drill Core	4.81	<0.001	0.003	<0.02	<0.01	<2	0.002	0.002	0.12	4.90	<0.02	0.03	<0.001	<0.01	<0.01	5.10	0.13	0.005	2.62	8.32
2322879	Drill Core	4.87	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.58	<0.02	0.02	<0.001	<0.01	<0.01	2.53	0.06	0.001	0.97	6.10
2322880	Drill Core	4.48	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.64	<0.02	0.02	<0.001	<0.01	<0.01	4.42	0.07	0.001	0.96	6.75
2322881	Drill Core	4.61	<0.001	0.009	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.60	<0.02	0.02	<0.001	<0.01	<0.01	2.70	0.06	<0.001	1.00	6.77
2322882	Drill Core	4.49	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.10	4.83	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.09	0.001	2.02	8.05
2322883	Drill Core	4.48	<0.001	0.059	<0.02	<0.01	<2	<0.001	0.002	0.09	6.13	<0.02	0.04	<0.001	<0.01	<0.01	3.82	0.10	0.001	2.50	8.70
2322884	Rock	5.08	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.52	<0.02	0.05	<0.001	<0.01	<0.01	1.64	0.04	<0.001	0.26	7.30
2322885	Drill Core	5.59	<0.001	0.020	<0.02	<0.01	<2	<0.001	0.002	0.09	5.98	<0.02	0.03	<0.001	<0.01	<0.01	3.30	0.10	0.001	2.75	8.62
2322886	Drill Core	3.57	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.002	0.11	5.81	<0.02	0.03	<0.001	<0.01	<0.01	3.92	0.10	0.002	2.69	8.47
2322887	Rock Pulp	0.15	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.50	<0.02	0.06	<0.001	<0.01	<0.01	2.23	0.07	0.002	0.71	7.87
2322888	Drill Core	4.68	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.09	5.84	<0.02	0.03	<0.001	<0.01	<0.01	3.60	0.10	0.001	2.51	8.46
2322889	Drill Core	2.96	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.12	5.61	<0.02	0.02	<0.001	<0.01	<0.01	4.91	0.09	<0.001	2.64	7.85
2322890	Drill Core	5.60	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.003	0.13	6.09	<0.02	0.02	<0.001	<0.01	<0.01	4.42	0.09	0.002	2.86	8.45
2322891 Dup of 2322890	CORE DUP	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.002	0.12	6.09	<0.02	0.02	<0.001	<0.01	<0.01	4.31	0.09	0.003	2.80	8.34	
2322892	Drill Core	3.66	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.002	0.10	6.59	<0.02	0.01	<0.001	<0.01	<0.01	3.71	0.10	0.004	2.32	8.83
2322893	Drill Core	3.97	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	5.85	<0.02	0.03	<0.001	<0.01	<0.01	3.89	0.11	0.003	2.50	8.56
2322894	Drill Core	4.04	<0.001	0.020	<0.02	<0.01	<2	<0.001	0.002	0.09	6.09	<0.02	0.04	<0.001	<0.01	<0.01	4.13	0.10	0.001	2.55	8.84
2322895	Drill Core	4.88	<0.001	0.010	<0.02	<0.01	3	<0.001	0.002	0.10	5.93	<0.02	0.05	<0.001	<0.01	<0.01	4.25	0.10	0.001	2.56	8.89
2322896	Drill Core	3.35	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	6.16	<0.02	0.06	<0.001	<0.01	<0.01	3.84	0.10	0.003	2.83	9.32
2322897	Drill Core	3.31	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	6.15	<0.02	0.06	<0.001	<0.01	<0.01	3.84	0.10	0.002	2.82	9.24
2322898	Drill Core	5.30	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.10	5.93	<0.02	0.05	<0.001	<0.01	<0.01	3.84	0.10	0.002	2.58	8.94
2322899	Drill Core	6.56	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.002	0.11	5.98	<0.02	0.05	<0.001	<0.01	<0.01	4.07	0.10	0.002	2.58	9.08
2322900	Drill Core	8.38	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.13	6.35	<0.02	0.05	<0.001	<0.01	<0.01	5.00	0.11	0.004	3.06	8.99
2322901	Drill Core	8.17	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.11	5.46	<0.02	0.05	<0.001	<0.01	<0.01	4.37	0.13	0.003	2.14	8.30
2322902	Drill Core	7.57	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.002	0.12	5.66	<0.02	0.05	<0.001	<0.01	<0.01	4.69	0.15	0.003	2.27	8.89
2322903	Drill Core	3.71	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.003	0.14	6.41	<0.02	0.06	<0.001	<0.01	<0.01	4.74	0.10	0.002	3.04	9.04

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322874	Drill Core	3.33	1.62	<0.01	0.08	0.9	108.8	1.3	28	<0.1	8.8	7.3	598	2.28	3.1	2.5	2.0	38	<0.1	0.4	0.4
2322875	Rock Pulp	2.97	1.40	<0.01	0.21	12.2	187.5	14.3	48	0.1	7.5	5.5	233	1.96	2.7	2.4	3.5	48	0.1	0.1	0.2
2322876	Drill Core	2.77	1.56	<0.01	<0.05	3.2	7.9	0.9	29	<0.1	8.0	6.4	715	2.24	1.8	1.6	2.1	44	<0.1	0.2	0.8
2322877	Drill Core	3.22	1.73	<0.01	<0.05	1.0	35.7	0.8	27	<0.1	7.9	6.0	522	2.19	1.9	<0.5	2.4	32	<0.1	0.3	0.8
2322878	Drill Core	2.42	1.51	<0.01	0.10	0.6	26.2	2.9	57	<0.1	24.9	20.9	1170	4.29	2.1	<0.5	0.9	126	<0.1	0.5	0.2
2322879	Drill Core	3.23	1.53	<0.01	0.18	0.9	51.3	1.6	34	<0.1	6.9	7.9	697	2.25	3.5	<0.5	2.2	71	<0.1	0.4	0.5
2322880	Drill Core	2.98	1.45	<0.01	0.13	1.2	74.3	1.9	32	<0.1	5.9	5.2	815	2.11	2.9	1.3	2.1	65	<0.1	0.3	1.9
2322881	Drill Core	2.64	1.80	<0.01	0.52	0.9	90.9	2.0	35	0.3	7.4	6.2	633	2.16	3.1	21.4	2.5	66	<0.1	0.4	3.6
2322882	Drill Core	2.35	1.48	<0.01	0.22	0.5	36.9	1.9	50	<0.1	6.1	15.1	849	3.74	5.1	2.0	1.8	106	<0.1	0.7	1.6
2322883	Drill Core	2.31	1.20	<0.01	0.34	0.2	585.6	1.9	51	1.0	6.1	18.8	811	4.90	6.7	17.2	0.3	113	<0.1	0.6	31.7
2322884	Rock	2.98	2.40	<0.01	<0.05	0.6	10.7	1.4	51	<0.1	1.2	2.1	301	1.36	0.9	<0.5	6.0	20	<0.1	<0.1	<0.1
2322885	Drill Core	2.00	1.55	<0.01	0.20	0.3	196.9	2.1	52	0.2	7.3	20.8	876	4.92	4.7	2.3	0.4	92	<0.1	0.3	5.2
2322886	Drill Core	2.60	1.44	<0.01	0.10	0.3	49.5	2.2	49	<0.1	7.8	19.8	981	4.25	4.6	3.1	0.4	69	<0.1	0.4	0.3
2322887	Rock Pulp	3.18	1.78	<0.01	0.25	36.9	733.0	22.2	51	0.4	7.9	8.3	240	2.30	3.1	<0.5	3.1	55	0.3	0.1	0.3
2322888	Drill Core	2.74	1.23	<0.01	<0.05	<0.1	0.9	1.7	48	<0.1	7.3	19.7	875	4.00	5.1	<0.5	0.4	77	<0.1	0.6	<0.1
2322889	Drill Core	2.57	1.34	<0.01	<0.05	0.2	0.9	2.1	48	<0.1	8.1	16.7	1113	3.86	5.7	<0.5	0.4	137	<0.1	0.5	<0.1
2322890	Drill Core	1.91	1.73	<0.01	0.33	0.3	49.5	3.0	49	<0.1	10.1	20.3	1184	4.12	4.7	3.4	0.4	73	<0.1	0.3	0.4
2322891 Dup of 2322890	CORE DUP	1.98	1.66	<0.01	0.31	0.3	44.7	3.0	48	<0.1	8.8	19.1	1123	4.05	4.5	4.3	0.4	72	<0.1	0.3	0.4
2322892	Drill Core	0.98	2.19	<0.01	<0.05	0.2	0.7	2.5	40	<0.1	12.6	14.9	912	3.58	4.8	1.5	0.5	70	<0.1	0.3	<0.1
2322893	Drill Core	2.28	1.53	<0.01	<0.05	0.3	9.2	2.0	60	<0.1	9.3	19.5	1000	4.61	3.2	2.5	0.5	78	<0.1	0.4	<0.1
2322894	Drill Core	2.92	0.90	<0.01	0.07	0.3	186.5	1.1	45	0.1	7.2	18.8	790	4.12	6.7	1.9	0.3	92	<0.1	0.8	4.9
2322895	Drill Core	3.06	0.95	<0.01	0.24	0.4	91.7	1.2	40	0.9	6.8	17.0	655	4.09	8.9	6.8	0.3	76	<0.1	1.4	0.5
2322896	Drill Core	3.30	0.99	<0.01	0.11	0.1	12.3	0.8	37	<0.1	6.4	17.3	584	4.61	9.5	2.5	0.3	74	<0.1	1.4	0.2
2322897	Drill Core	3.12	1.01	<0.01	0.09	0.2	9.8	0.9	37	<0.1	6.0	16.8	590	4.73	8.4	1.0	0.3	75	<0.1	1.5	0.2
2322898	Drill Core	3.42	1.03	<0.01	<0.05	0.2	2.1	1.0	44	<0.1	6.7	18.6	740	4.33	9.8	<0.5	0.3	70	<0.1	1.6	<0.1
2322899	Drill Core	2.74	1.05	<0.01	0.12	0.3	28.8	1.3	39	<0.1	6.3	17.2	689	4.49	8.3	47.4	0.3	85	<0.1	1.3	0.2
2322900	Drill Core	2.81	0.74	<0.01	<0.05	0.2	9.7	1.3	45	<0.1	8.8	17.8	754	4.55	6.4	4.1	0.3	93	<0.1	1.3	<0.1
2322901	Drill Core	3.13	1.12	<0.01	<0.05	1.1	42.0	3.9	73	<0.1	11.2	19.0	919	4.61	4.1	<0.5	0.9	67	0.2	0.7	<0.1
2322902	Drill Core	3.22	1.42	<0.01	<0.05	1.1	35.2	2.4	78	<0.1	11.8	20.2	970	4.57	2.4	<0.5	1.0	65	<0.1	0.4	<0.1
2322903	Drill Core	3.36	0.70	<0.01	<0.05	0.2	2.0	1.0	46	<0.1	8.6	17.5	749	3.65	7.4	<0.5	0.3	70	<0.1	1.1	<0.1



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Project: 204920

Report Date: November 26, 2013

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322874	Drill Core	31	2.04	0.063	12	15	0.92	192	0.003	<20	1.24	0.060	0.20	<0.1	<0.01	2.5	<0.1	0.09	5	<0.5	<0.2
2322875	Rock Pulp	28	0.90	0.062	12	12	0.44	39	0.023	<20	0.81	0.070	0.15	0.5	<0.01	1.8	<0.1	0.21	4	<0.5	<0.2
2322876	Drill Core	27	3.18	0.060	13	13	1.03	54	0.002	<20	1.37	0.045	0.20	<0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	0.5
2322877	Drill Core	27	1.73	0.068	13	13	0.99	53	0.002	<20	1.36	0.061	0.22	<0.1	<0.01	2.1	<0.1	<0.05	5	<0.5	0.2
2322878	Drill Core	99	4.90	0.123	13	54	2.48	1337	0.002	<20	2.61	0.031	0.20	<0.1	<0.01	13.2	<0.1	0.09	8	<0.5	<0.2
2322879	Drill Core	28	2.60	0.061	12	12	0.93	613	0.002	<20	1.30	0.058	0.20	<0.1	<0.01	2.1	<0.1	0.18	5	0.5	<0.2
2322880	Drill Core	29	4.50	0.069	13	10	0.88	197	0.002	<20	1.09	0.047	0.18	<0.1	<0.01	2.7	<0.1	0.12	4	<0.5	0.7
2322881	Drill Core	27	2.75	0.065	11	12	0.89	597	0.001	<20	1.18	0.044	0.22	<0.1	<0.01	2.5	<0.1	0.50	5	<0.5	1.2
2322882	Drill Core	87	3.00	0.086	7	10	1.88	676	0.012	<20	2.18	0.079	0.18	0.2	<0.01	8.4	<0.1	0.20	8	<0.5	0.5
2322883	Drill Core	119	2.58	0.087	4	11	2.31	236	0.028	<20	2.88	0.165	0.18	0.4	<0.01	11.7	<0.1	0.32	9	0.7	13.8
2322884	Rock	14	0.18	0.031	13	6	0.25	71	0.068	<20	0.53	0.064	0.30	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
2322885	Drill Core	121	2.75	0.092	5	11	2.66	182	0.012	<20	3.13	0.124	0.24	<0.1	<0.01	11.6	<0.1	0.19	10	<0.5	2.1
2322886	Drill Core	101	3.53	0.086	5	10	2.50	282	0.013	<20	2.61	0.052	0.20	<0.1	<0.01	10.9	<0.1	0.09	9	<0.5	<0.2
2322887	Rock Pulp	41	0.67	0.068	8	12	0.62	56	0.051	<20	0.97	0.078	0.16	1.0	<0.01	2.6	<0.1	0.25	5	<0.5	<0.2
2322888	Drill Core	103	2.98	0.092	4	10	2.47	102	0.041	<20	2.71	0.132	0.19	<0.1	<0.01	10.1	<0.1	<0.05	8	<0.5	<0.2
2322889	Drill Core	78	4.87	0.088	6	7	2.43	1938	0.013	<20	1.60	0.041	0.22	0.2	<0.01	8.7	<0.1	<0.05	4	<0.5	<0.2
2322890	Drill Core	91	4.05	0.084	6	11	2.61	226	0.014	<20	2.40	0.054	0.28	<0.1	<0.01	11.4	<0.1	0.31	6	<0.5	<0.2
2322891 Dup of 2322890	CORE DUP	87	3.90	0.079	5	11	2.48	217	0.014	<20	2.25	0.050	0.26	<0.1	<0.01	10.8	<0.1	0.29	6	<0.5	<0.2
2322892	Drill Core	73	3.53	0.089	6	12	1.89	167	0.021	<20	1.86	0.022	0.29	0.1	<0.01	12.0	<0.1	<0.05	4	<0.5	<0.2
2322893	Drill Core	99	3.47	0.100	9	16	2.35	245	0.009	<20	2.77	0.054	0.21	<0.1	<0.01	9.5	<0.1	<0.05	9	<0.5	<0.2
2322894	Drill Core	123	2.65	0.082	3	11	2.37	199	0.116	<20	2.71	0.194	0.13	0.8	<0.01	12.8	<0.1	0.06	9	<0.5	1.8
2322895	Drill Core	121	2.07	0.091	1	11	2.06	78	0.187	<20	2.39	0.243	0.10	6.5	<0.01	7.8	<0.1	0.23	8	<0.5	<0.2
2322896	Drill Core	140	1.39	0.089	1	13	2.08	122	0.205	<20	2.39	0.204	0.11	1.0	<0.01	6.1	<0.1	0.11	8	<0.5	<0.2
2322897	Drill Core	141	1.37	0.092	1	14	2.09	132	0.216	<20	2.42	0.203	0.10	0.7	<0.01	6.5	<0.1	0.08	9	<0.5	<0.2
2322898	Drill Core	136	2.11	0.090	2	12	2.33	63	0.179	<20	2.44	0.220	0.10	0.6	<0.01	11.7	<0.1	<0.05	8	<0.5	<0.2
2322899	Drill Core	139	1.59	0.094	2	12	2.11	63	0.193	<20	2.63	0.240	0.11	0.4	<0.01	6.8	<0.1	0.11	9	<0.5	<0.2
2322900	Drill Core	188	1.95	0.091	2	24	2.20	50	0.188	<20	2.68	0.239	0.09	0.2	<0.01	8.5	<0.1	<0.05	8	<0.5	<0.2
2322901	Drill Core	133	2.74	0.121	12	21	2.05	180	0.212	<20	2.35	0.088	0.08	0.1	<0.01	9.4	<0.1	<0.05	9	<0.5	<0.2
2322902	Drill Core	117	2.70	0.135	13	23	2.19	173	0.240	<20	2.58	0.102	0.10	0.1	<0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
2322903	Drill Core	134	1.89	0.090	2	13	2.12	106	0.174	<20	2.11	0.157	0.06	0.2	<0.01	8.5	<0.1	<0.05	7	<0.5	<0.2

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Project: 204920

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco	2A Leco	G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2322874	Drill Core	0.60	0.08	<0.005
2322875	Rock Pulp	0.20	0.20	<0.005
2322876	Drill Core	1.01	0.04	<0.005
2322877	Drill Core	0.46	0.04	<0.005
2322878	Drill Core	1.60	0.09	<0.005
2322879	Drill Core	0.80	0.19	<0.005
2322880	Drill Core	1.48	0.13	<0.005
2322881	Drill Core	0.86	0.52	0.024
2322882	Drill Core	0.90	0.23	0.005
2322883	Drill Core	0.65	0.35	0.020
2322884	Rock	0.02	<0.02	<0.005
2322885	Drill Core	0.75	0.22	0.006
2322886	Drill Core	1.17	0.10	<0.005
2322887	Rock Pulp	0.13	0.27	<0.005
2322888	Drill Core	0.82	<0.02	<0.005
2322889	Drill Core	2.52	0.05	<0.005
2322890	Drill Core	1.80	0.34	0.010
2322891 Dup of 2322890	CORE DUP	1.73	0.32	0.011
2322892	Drill Core	1.68	<0.02	<0.005
2322893	Drill Core	1.09	<0.02	<0.005
2322894	Drill Core	0.70	0.06	0.006
2322895	Drill Core	0.45	0.24	0.006
2322896	Drill Core	0.20	0.10	<0.005
2322897	Drill Core	0.19	0.09	<0.005
2322898	Drill Core	0.53	<0.02	0.013
2322899	Drill Core	0.24	0.11	0.038
2322900	Drill Core	0.32	<0.02	0.008
2322901	Drill Core	0.71	0.03	<0.005
2322902	Drill Core	0.69	<0.02	<0.005
2322903	Drill Core	0.42	<0.02	<0.005

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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322904	Drill Core	3.55	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.003	0.14	6.46	<0.02	0.06	<0.001	<0.01	<0.01	4.87	0.10	0.003	3.07	9.11
2322905	Drill Core	6.71	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.003	0.13	6.20	<0.02	0.05	<0.001	<0.01	<0.01	4.30	0.10	0.003	2.81	8.96
2322906	Drill Core	8.08	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.13	6.64	<0.02	0.05	<0.001	<0.01	<0.01	4.46	0.09	0.003	2.57	8.73
2322907	Rock Pulp	0.15	0.029	0.245	<0.02	0.05	4	<0.001	0.001	0.10	4.97	<0.02	0.02	<0.001	<0.01	<0.01	1.46	0.08	0.005	0.82	7.80
2322908	Drill Core	7.61	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	5.96	<0.02	0.05	<0.001	<0.01	<0.01	3.77	0.10	0.002	2.35	8.76
2322909	Drill Core	5.83	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	5.88	<0.02	0.05	<0.001	<0.01	<0.01	4.26	0.10	0.003	2.31	8.55
2322910	Drill Core	8.06	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.003	0.12	6.01	<0.02	0.05	<0.001	<0.01	<0.01	4.11	0.10	0.002	2.73	8.92
2322911	Rock	4.30	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.46	0.03	0.002	0.22	6.92
2322912	Drill Core	7.07	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.12	6.43	<0.02	0.06	<0.001	<0.01	<0.01	5.04	0.11	0.003	2.80	8.96
2322913	Drill Core	6.77	<0.001	0.005	<0.02	<0.01	<2	0.001	0.002	0.12	6.53	<0.02	0.05	<0.001	<0.01	<0.01	4.63	0.11	0.003	2.83	8.85
2322914	Drill Core	9.63	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.003	0.12	6.45	<0.02	0.05	<0.001	<0.01	<0.01	4.43	0.11	0.003	2.86	9.07
2322915 Dup of 2322914	CORE DUP		<0.001	0.006	<0.02	<0.01	<2	<0.001	0.003	0.12	6.47	<0.02	0.05	<0.001	<0.01	<0.01	4.49	0.11	0.003	2.86	8.97
2322916	Drill Core	4.16	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.002	0.10	6.09	<0.02	0.05	<0.001	<0.01	<0.01	3.91	0.11	0.003	2.99	8.99
2322917	Drill Core	6.68	<0.001	0.002	<0.02	<0.01	<2	<0.001	0.001	0.11	6.22	<0.02	0.05	<0.001	<0.01	<0.01	5.21	0.11	0.003	2.64	8.64
2322918	Drill Core	6.36	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.12	6.07	<0.02	0.05	<0.001	<0.01	<0.01	5.04	0.11	0.003	2.67	8.63
2322919	Drill Core	7.98	<0.001	0.001	<0.02	<0.01	<2	0.001	0.002	0.11	6.16	<0.02	0.05	<0.001	<0.01	<0.01	4.64	0.11	0.003	2.82	8.96
2322920	Drill Core	6.52	<0.001	0.001	<0.02	<0.01	<2	0.001	0.003	0.11	6.32	<0.02	0.05	<0.001	<0.01	<0.01	4.32	0.11	0.003	3.00	8.97
2322921	Drill Core	8.00	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	6.14	<0.02	0.05	<0.001	<0.01	<0.01	4.27	0.11	0.003	2.90	8.86
2322922	Rock	3.63	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.64	<0.02	0.06	<0.001	<0.01	<0.01	1.62	0.03	<0.001	0.25	6.65
2322923	Drill Core	6.01	<0.001	0.006	<0.02	<0.01	<2	0.001	0.002	0.10	6.56	<0.02	0.04	<0.001	<0.01	<0.01	3.84	0.11	0.003	3.06	8.66
2322924	Drill Core	5.28	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.11	6.57	<0.02	0.04	<0.001	<0.01	<0.01	4.51	0.11	0.003	2.96	8.83
2322925	Drill Core	4.57	<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.12	6.43	<0.02	0.05	<0.001	<0.01	<0.01	4.88	0.11	0.004	3.17	9.04
2322926 Dup of 2322925	CORE DUP		<0.001	0.002	<0.02	<0.01	<2	0.001	0.001	0.12	6.41	<0.02	0.05	<0.001	<0.01	<0.01	4.78	0.11	0.004	3.13	8.90
2322927	Drill Core	7.98	<0.001	0.005	<0.02	<0.01	<2	0.001	0.001	0.10	6.21	<0.02	0.05	<0.001	<0.01	<0.01	4.41	0.11	0.004	3.01	8.85
2322928	Drill Core	3.01	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.11	6.02	<0.02	0.04	<0.001	<0.01	<0.01	5.27	0.11	0.003	2.94	8.54
2322929	Drill Core	3.37	<0.001	0.002	<0.02	<0.01	<2	<0.001	0.001	0.11	6.21	<0.02	0.05	<0.001	<0.01	<0.01	4.84	0.11	0.003	2.98	8.74
2322930	Drill Core	3.50	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.12	6.25	<0.02	0.04	<0.001	<0.01	<0.01	4.92	0.11	0.003	2.97	8.83
2322931	Drill Core	6.24	<0.001	0.003	<0.02	<0.01	<2	<0.001	0.001	0.11	6.19	<0.02	0.04	<0.001	<0.01	<0.01	4.55	0.11	0.003	2.89	8.57
2322932	Drill Core	6.86	<0.001	0.006	<0.02	<0.01	<2	<0.001	0.001	0.12	6.05	<0.02	0.03	<0.001	<0.01	<0.01	4.21	0.11	0.003	3.13	8.49
2322933	Rock Pulp	0.13	0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.20	<0.02	0.05	<0.001	<0.01	<0.01	1.84	0.06	<0.001	0.52	6.90



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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322904	Drill Core	3.36	0.68	<0.01	<0.05	0.2	3.1	1.3	47	<0.1	8.7	18.3	741	3.75	6.7	<0.5	0.3	81	0.1	1.1	<0.1
2322905	Drill Core	2.60	0.89	<0.01	<0.05	0.2	2.0	0.9	51	<0.1	6.6	18.3	817	3.56	6.8	<0.5	0.2	90	<0.1	0.8	<0.1
2322906	Drill Core	2.56	1.05	<0.01	1.01	4.4	48.6	2.1	44	0.1	6.8	22.5	744	4.56	16.2	13.8	0.2	81	<0.1	1.4	0.7
2322907	Rock Pulp	0.88	2.59	<0.01	2.13	274.8	2506.9	76.8	438	2.6	13.3	10.6	754	4.34	28.7	266.7	3.1	54	2.4	1.5	1.0
2322908	Drill Core	3.44	1.09	<0.01	<0.05	0.1	9.6	1.0	51	<0.1	8.0	19.2	839	4.01	6.7	<0.5	0.3	57	<0.1	1.3	<0.1
2322909	Drill Core	3.31	0.89	<0.01	<0.05	0.2	1.6	1.1	48	<0.1	6.1	19.5	851	3.56	6.6	<0.5	0.2	64	<0.1	1.2	<0.1
2322910	Drill Core	2.91	1.12	<0.01	<0.05	0.2	1.9	0.9	43	<0.1	6.3	18.2	704	3.51	7.4	<0.5	0.3	74	<0.1	1.1	<0.1
2322911	Rock	2.90	1.80	<0.01	<0.05	0.2	10.0	1.6	47	<0.1	1.3	1.9	299	1.33	0.9	<0.5	5.9	20	<0.1	<0.1	<0.1
2322912	Drill Core	3.15	0.83	<0.01	<0.05	0.2	1.1	1.1	50	<0.1	10.4	22.1	871	3.49	6.3	<0.5	0.3	66	<0.1	1.0	<0.1
2322913	Drill Core	3.31	0.96	<0.01	0.18	0.3	60.8	1.1	43	<0.1	9.6	26.3	792	3.69	5.9	2.9	0.3	55	<0.1	0.9	0.2
2322914	Drill Core	3.51	0.66	<0.01	0.20	0.5	69.2	1.1	43	<0.1	9.8	31.6	785	4.35	9.4	37.1	0.3	43	<0.1	0.9	0.4
2322915 Dup of 2322914	CORE DUP	3.53	0.65	<0.01	0.21	0.4	70.6	1.1	42	<0.1	9.2	31.8	798	4.41	10.0	21.4	0.3	43	<0.1	1.0	0.5
2322916	Drill Core	3.34	0.81	<0.01	0.89	0.2	7.2	1.8	41	<0.1	10.6	23.1	669	4.24	6.5	7.9	0.3	33	<0.1	0.8	0.9
2322917	Drill Core	2.93	0.87	<0.01	0.45	0.5	28.3	1.2	51	<0.1	9.8	22.3	771	4.39	5.6	3.4	0.3	46	<0.1	0.7	0.3
2322918	Drill Core	3.34	1.30	<0.01	0.15	0.6	11.8	1.0	41	<0.1	9.0	18.6	892	4.70	4.8	0.9	0.3	47	<0.1	0.8	<0.1
2322919	Drill Core	3.30	1.24	<0.01	0.21	0.3	18.3	0.9	37	<0.1	9.7	23.2	751	4.54	5.4	2.4	0.2	41	<0.1	0.8	0.3
2322920	Drill Core	3.58	0.99	<0.01	0.13	0.9	16.9	0.8	36	<0.1	9.8	32.8	726	4.60	4.6	<0.5	0.2	36	<0.1	0.9	<0.1
2322921	Drill Core	3.46	1.06	<0.01	0.05	0.8	10.0	0.6	42	<0.1	10.1	21.1	809	4.76	3.7	1.8	0.3	38	<0.1	0.6	<0.1
2322922	Rock	2.97	1.95	<0.01	<0.05	0.1	10.6	1.5	57	<0.1	1.3	2.3	313	1.47	0.5	<0.5	5.9	21	<0.1	<0.1	<0.1
2322923	Drill Core	3.09	1.28	<0.01	0.09	0.6	68.4	0.9	40	<0.1	9.9	22.6	797	5.47	4.1	3.3	0.3	41	<0.1	0.8	0.1
2322924	Drill Core	2.73	0.99	<0.01	0.60	0.4	112.6	6.0	44	0.2	8.8	20.3	734	4.90	5.4	6.5	0.3	62	0.1	0.9	1.3
2322925	Drill Core	2.49	0.81	<0.01	0.14	0.3	27.1	0.8	37	<0.1	11.9	16.9	619	4.54	3.8	<0.5	0.4	88	<0.1	0.9	1.6
2322926 Dup of 2322925	CORE DUP	2.46	0.80	<0.01	0.13	0.2	24.8	0.8	37	<0.1	11.6	16.3	611	4.56	3.6	0.6	0.4	79	<0.1	0.9	1.6
2322927	Drill Core	2.95	0.94	<0.01	0.45	0.4	49.2	0.9	29	<0.1	10.6	17.0	595	4.64	5.4	4.7	0.4	61	<0.1	0.9	1.2
2322928	Drill Core	3.15	0.90	<0.01	<0.05	0.4	37.7	0.8	41	<0.1	9.3	20.1	819	4.67	3.2	7.0	0.4	66	<0.1	0.6	0.1
2322929	Drill Core	3.08	0.98	<0.01	<0.05	0.3	29.9	0.7	41	<0.1	8.8	19.5	803	4.90	2.8	<0.5	0.4	66	<0.1	0.9	<0.1
2322930	Drill Core	2.86	0.92	<0.01	<0.05	0.2	14.9	0.8	42	<0.1	9.1	19.9	817	4.61	3.2	<0.5	0.4	69	<0.1	0.6	<0.1
2322931	Drill Core	2.82	1.15	<0.01	0.07	0.4	30.0	1.0	49	<0.1	9.9	19.4	896	4.57	3.0	2.2	0.3	45	<0.1	0.7	0.1
2322932	Drill Core	3.06	1.11	<0.01	<0.05	0.2	54.6	0.8	51	<0.1	8.5	20.6	1023	4.56	2.7	0.8	0.4	41	<0.1	0.5	0.1
2322933	Rock Pulp	3.02	2.00	<0.01	0.17	12.1	163.0	12.0	42	0.1	6.5	4.9	211	1.77	2.2	1.8	2.8	42	0.1	<0.1	0.1

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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Project: 204920

Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2322904	Drill Core	146	1.97	0.092	2	12	2.12	101	0.190	<20	2.23	0.181	0.07	0.2	<0.01	9.2	<0.1	<0.05	8	<0.5	<0.2
2322905	Drill Core	109	1.74	0.088	2	11	2.25	99	0.151	<20	2.50	0.196	0.08	0.2	<0.01	8.5	<0.1	<0.05	7	<0.5	<0.2
2322906	Drill Core	119	1.72	0.083	1	12	1.95	157	0.175	<20	2.32	0.180	0.10	0.3	<0.01	6.2	<0.1	0.96	8	<0.5	<0.2
2322907	Rock Pulp	32	0.81	0.069	4	19	0.58	61	0.037	<20	1.67	0.056	0.30	1.2	0.05	2.4	0.2	2.11	5	4.3	0.5
2322908	Drill Core	113	2.15	0.090	2	12	2.15	200	0.167	<20	2.12	0.116	0.10	0.6	<0.01	9.9	<0.1	<0.05	8	<0.5	<0.2
2322909	Drill Core	112	2.36	0.085	2	12	2.18	231	0.151	<20	2.09	0.130	0.08	0.3	<0.01	11.1	<0.1	<0.05	8	<0.5	<0.2
2322910	Drill Core	101	1.52	0.093	2	12	2.13	64	0.167	<20	2.26	0.200	0.11	0.2	<0.01	7.7	<0.1	<0.05	7	<0.5	<0.2
2322911	Rock	12	0.20	0.026	11	4	0.22	61	0.058	<20	0.49	0.070	0.27	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
2322912	Drill Core	111	2.18	0.095	1	22	2.63	23	0.149	<20	2.37	0.099	0.06	0.3	<0.01	8.6	<0.1	<0.05	9	<0.5	<0.2
2322913	Drill Core	115	2.10	0.103	1	21	2.39	34	0.152	<20	2.20	0.100	0.07	0.4	<0.01	8.7	<0.1	0.16	8	<0.5	<0.2
2322914	Drill Core	152	1.82	0.100	2	26	2.55	28	0.154	<20	2.28	0.073	0.05	0.5	<0.01	9.8	<0.1	0.19	9	<0.5	<0.2
2322915 Dup of 2322914	CORE DUP	153	1.89	0.099	1	27	2.58	28	0.157	<20	2.32	0.072	0.05	0.6	<0.01	10.0	<0.1	0.20	9	<0.5	<0.2
2322916	Drill Core	177	1.57	0.100	1	28	2.68	22	0.158	<20	2.35	0.074	0.06	0.9	<0.01	9.4	<0.1	0.79	9	0.7	0.3
2322917	Drill Core	121	2.36	0.092	1	27	2.51	17	0.136	<20	2.41	0.069	0.05	0.7	<0.01	9.1	<0.1	0.42	9	<0.5	<0.2
2322918	Drill Core	192	3.22	0.095	1	27	2.33	37	0.158	<20	2.37	0.099	0.07	0.8	<0.01	11.5	<0.1	0.14	9	<0.5	<0.2
2322919	Drill Core	160	2.22	0.104	<1	25	2.28	33	0.124	<20	2.14	0.089	0.07	0.7	<0.01	9.9	<0.1	0.18	9	<0.5	<0.2
2322920	Drill Core	154	1.95	0.095	1	26	2.37	35	0.128	<20	2.07	0.069	0.06	1.9	<0.01	10.0	<0.1	0.11	8	<0.5	<0.2
2322921	Drill Core	159	2.38	0.097	2	27	2.57	29	0.146	<20	2.32	0.067	0.07	0.6	<0.01	12.9	<0.1	<0.05	9	<0.5	<0.2
2322922	Rock	13	0.22	0.032	11	4	0.26	73	0.069	<20	0.52	0.058	0.28	<0.1	<0.01	1.8	0.1	<0.05	4	<0.5	<0.2
2322923	Drill Core	164	2.18	0.096	4	27	2.77	57	0.152	<20	2.53	0.089	0.07	0.6	<0.01	14.7	<0.1	0.08	10	<0.5	<0.2
2322924	Drill Core	149	2.07	0.099	4	26	2.29	35	0.139	<20	2.43	0.135	0.09	0.8	<0.01	9.6	<0.1	0.53	8	1.3	0.7
2322925	Drill Core	147	1.43	0.091	6	27	2.00	34	0.130	<20	2.43	0.206	0.08	0.3	<0.01	5.5	<0.1	0.13	7	<0.5	0.7
2322926 Dup of 2322925	CORE DUP	144	1.36	0.090	5	27	1.98	31	0.131	<20	2.33	0.186	0.07	0.3	<0.01	5.1	<0.1	0.13	7	0.6	0.3
2322927	Drill Core	145	1.92	0.094	5	29	2.24	37	0.155	<20	2.40	0.155	0.08	1.5	<0.01	9.4	<0.1	0.39	8	<0.5	1.1
2322928	Drill Core	154	3.02	0.087	5	24	2.39	67	0.139	<20	2.43	0.144	0.06	1.6	<0.01	11.8	<0.1	<0.05	8	<0.5	<0.2
2322929	Drill Core	162	2.53	0.097	5	23	2.39	46	0.138	<20	2.48	0.158	0.07	0.4	<0.01	12.2	<0.1	<0.05	8	<0.5	<0.2
2322930	Drill Core	143	2.48	0.097	5	24	2.35	35	0.133	<20	2.49	0.164	0.11	0.3	<0.01	9.7	<0.1	<0.05	8	<0.5	<0.2
2322931	Drill Core	135	3.07	0.099	6	24	2.63	25	0.125	<20	2.38	0.089	0.13	0.2	<0.01	13.3	<0.1	0.06	8	<0.5	<0.2
2322932	Drill Core	134	3.14	0.091	5	26	2.89	30	0.117	<20	2.49	0.062	0.13	0.3	<0.01	12.1	<0.1	<0.05	8	<0.5	<0.2
2322933	Rock Pulp	24	0.81	0.059	10	11	0.41	34	0.019	<20	0.69	0.062	0.14	0.6	<0.01	1.3	<0.1	0.20	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
2322904	Drill Core	0.41	<0.02	<0.005
2322905	Drill Core	0.34	<0.02	<0.005
2322906	Drill Core	0.33	1.01	0.020
2322907	Rock Pulp	0.18	2.22	0.322
2322908	Drill Core	0.55	0.05	0.005
2322909	Drill Core	0.65	<0.02	<0.005
2322910	Drill Core	0.26	<0.02	<0.005
2322911	Rock	<0.02	<0.02	<0.005
2322912	Drill Core	0.58	<0.02	<0.005
2322913	Drill Core	0.58	0.18	<0.005
2322914	Drill Core	0.49	0.20	0.021
2322915 Dup of 2322914	CORE DUP	0.50	0.21	0.024
2322916	Drill Core	0.40	0.87	0.008
2322917	Drill Core	0.60	0.46	<0.005
2322918	Drill Core	1.00	0.14	<0.005
2322919	Drill Core	0.67	0.19	<0.005
2322920	Drill Core	0.60	0.11	<0.005
2322921	Drill Core	0.76	0.04	<0.005
2322922	Rock	0.02	<0.02	<0.005
2322923	Drill Core	0.62	0.09	0.007
2322924	Drill Core	0.52	0.64	0.008
2322925	Drill Core	0.17	0.15	<0.005
2322926 Dup of 2322925	CORE DUP	0.18	0.13	<0.005
2322927	Drill Core	0.45	0.45	0.006
2322928	Drill Core	0.88	0.02	<0.005
2322929	Drill Core	0.66	<0.02	<0.005
2322930	Drill Core	0.65	<0.02	<0.005
2322931	Drill Core	0.97	0.06	<0.005
2322932	Drill Core	1.00	<0.02	<0.005
2322933	Rock Pulp	0.22	0.19	<0.005



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Project: 204920
 Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2322934	Drill Core	7.05	<0.001	0.015	<0.02	<0.01	<2	0.001	0.001	0.11	6.16	<0.02	0.03	<0.001	<0.01	<0.01	4.88	0.11	0.003	2.91	8.68
2322935	Drill Core	7.69	<0.001	0.027	<0.02	<0.01	<2	<0.001	0.002	0.10	6.39	<0.02	0.03	<0.001	<0.01	<0.01	4.32	0.11	0.003	3.20	8.52
2322936	Drill Core	6.53	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.001	0.10	6.08	<0.02	0.02	<0.001	<0.01	<0.01	3.90	0.11	0.003	3.54	8.62
2322937	Drill Core	7.28	<0.001	0.018	<0.02	<0.01	<2	<0.001	0.001	0.10	5.98	<0.02	0.02	<0.001	<0.01	<0.01	4.61	0.11	0.002	3.47	8.42
2322938	Drill Core	6.45	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.001	0.11	5.87	<0.02	0.02	<0.001	<0.01	<0.01	5.20	0.10	0.002	3.35	8.30
2322939	Drill Core	6.54	<0.001	0.041	<0.02	<0.01	<2	<0.001	0.002	0.10	6.06	<0.02	0.03	<0.001	<0.01	<0.01	4.49	0.11	0.003	2.95	8.38
2322940	Drill Core	6.11	<0.001	0.016	<0.02	<0.01	<2	0.001	0.002	0.10	6.00	<0.02	0.03	<0.001	<0.01	<0.01	4.82	0.11	0.004	2.98	8.47
2322941	Drill Core	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.
2322942	Drill Core	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.
2322943	Drill Core	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.
2322944	Drill Core	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.

CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2322934	Drill Core	2.31	1.29	<0.01	0.09	0.2	143.3	1.2	48	<0.1	11.3	21.0	955	4.73	1.9	3.9	0.4	62	<0.1	0.4	<0.1
2322935	Drill Core	2.55	1.13	<0.01	0.70	2.8	263.5	1.9	48	<0.1	9.4	30.3	938	5.37	1.5	6.4	0.3	71	<0.1	0.1	0.5
2322936	Drill Core	2.32	1.27	<0.01	<0.05	0.3	40.8	1.4	60	<0.1	9.4	21.4	931	5.04	0.6	1.0	0.3	44	<0.1	0.1	<0.1
2322937	Drill Core	2.06	1.34	<0.01	0.74	0.2	168.3	1.4	57	<0.1	10.2	21.3	933	4.95	2.2	<0.5	0.3	93	<0.1	0.7	0.1
2322938	Drill Core	1.15	1.58	<0.01	0.42	0.2	38.8	1.3	59	<0.1	8.3	21.4	983	4.74	0.6	1.4	0.3	111	<0.1	0.1	<0.1
2322939	Drill Core	2.10	1.33	<0.01	0.30	3.1	387.4	1.3	43	0.3	11.6	24.7	926	5.04	2.1	19.3	0.3	110	<0.1	0.5	0.2
2322940	Drill Core	1.86	1.48	<0.01	0.06	0.5	146.9	0.9	37	0.3	13.3	22.8	909	4.94	2.2	4.3	0.4	83	<0.1	0.6	<0.1
2322941	Drill Core	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.
2322942	Drill Core	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.
2322943	Drill Core	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.
2322944	Drill Core	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.



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Project: 204920
 Report Date: November 26, 2013

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CERTIFICATE OF ANALYSIS

SMI13000407.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322934	Drill Core	136	3.40	0.097	6	29	2.71	71	0.092	<20	2.60	0.093	0.15	0.5	<0.01	12.7	<0.1	0.08	8	<0.5	<0.2
2322935	Drill Core	135	3.52	0.096	6	25	2.92	251	0.012	<20	3.05	0.053	0.14	0.3	<0.01	13.9	<0.1	0.61	10	<0.5	<0.2
2322936	Drill Core	116	3.37	0.090	7	23	3.22	110	0.004	<20	3.39	0.025	0.13	<0.1	<0.01	12.9	<0.1	<0.05	10	<0.5	<0.2
2322937	Drill Core	120	3.97	0.088	6	22	3.15	56	0.005	<20	3.45	0.025	0.15	<0.1	<0.01	11.8	<0.1	0.62	9	<0.5	<0.2
2322938	Drill Core	107	4.49	0.087	7	21	3.02	173	0.004	<20	3.32	0.014	0.19	<0.1	<0.01	10.1	<0.1	0.36	9	<0.5	<0.2
2322939	Drill Core	136	3.33	0.091	5	25	2.78	262	0.082	<20	2.81	0.073	0.16	0.3	<0.01	12.1	<0.1	0.26	8	0.5	<0.2
2322940	Drill Core	137	3.51	0.090	6	31	2.68	180	0.096	<20	2.69	0.065	0.19	1.3	<0.01	11.1	<0.1	<0.05	8	<0.5	<0.2
2322941	Drill Core	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.
2322942	Drill Core	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.
2322943	Drill Core	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.
2322944	Drill Core	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.

CERTIFICATE OF ANALYSIS

SMI13000407.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2322934	Drill Core	1.04	0.08	<0.005
2322935	Drill Core	1.16	0.67	0.011
2322936	Drill Core	1.19	0.04	<0.005
2322937	Drill Core	1.19	0.71	0.011
2322938	Drill Core	1.43	0.41	<0.005
2322939	Drill Core	1.05	0.30	0.010
2322940	Drill Core	1.15	0.06	0.008
2322941	Drill Core	L.N.R.	L.N.R.	L.N.R.
2322942	Drill Core	L.N.R.	L.N.R.	L.N.R.
2322943	Drill Core	L.N.R.	L.N.R.	L.N.R.
2322944	Drill Core	L.N.R.	L.N.R.	L.N.R.

QUALITY CONTROL REPORT

SMI13000407.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pulp Duplicates																					
2322844 Drill Core	5.95	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.21	<0.02	0.03	<0.001	<0.01	<0.01	1.81	0.05	0.004	0.88	7.26	
REP 2322844 QC																					
2322858 Dup of 2322857 CORE DUP		<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.09	2.97	<0.02	0.02	<0.001	<0.01	<0.01	3.27	0.06	0.001	1.34	6.43	
REP 2322858 Dup of QC																					
2322871 Drill Core	4.16	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.93	<0.02	0.03	<0.001	<0.01	<0.01	2.14	0.06	0.002	1.03	7.70	
REP 2322871 QC		<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.91	<0.02	0.03	<0.001	<0.01	<0.01	2.14	0.06	<0.001	1.02	7.56	
2322873 Drill Core	5.17	<0.001	0.037	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.70	<0.02	0.03	<0.001	<0.01	<0.01	1.93	0.06	0.002	0.94	6.71	
REP 2322873 QC																					
2322893 Drill Core	3.97	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	5.85	<0.02	0.03	<0.001	<0.01	<0.01	3.89	0.11	0.003	2.50	8.56	
REP 2322893 QC																					
REP 2322906 QC		<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.13	6.67	<0.02	0.05	<0.001	<0.01	<0.01	4.55	0.09	0.001	2.60	8.83	
2322908 Drill Core	7.61	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	5.96	<0.02	0.05	<0.001	<0.01	<0.01	3.77	0.10	0.002	2.35	8.76	
REP 2322908 QC																					
2322913 Drill Core	6.77	<0.001	0.005	<0.02	<0.01	<2	0.001	0.002	0.12	6.53	<0.02	0.05	<0.001	<0.01	<0.01	4.63	0.11	0.003	2.83	8.85	
REP 2322913 QC																					
2322915 Dup of 2322914 CORE DUP		<0.001	0.006	<0.02	<0.01	<2	<0.001	0.003	0.12	6.47	<0.02	0.05	<0.001	<0.01	<0.01	4.49	0.11	0.003	2.86	8.97	
REP 2322915 Dup of QC																					
2322918 Drill Core	6.36	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.12	6.07	<0.02	0.05	<0.001	<0.01	<0.01	5.04	0.11	0.003	2.67	8.63	
REP 2322918 QC																					
2322921 Drill Core	8.00	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.002	0.11	6.14	<0.02	0.05	<0.001	<0.01	<0.01	4.27	0.11	0.003	2.90	8.86	
REP 2322921 QC																					
2322940 Drill Core	6.11	<0.001	0.016	<0.02	<0.01	<2	0.001	0.002	0.10	6.00	<0.02	0.03	<0.001	<0.01	<0.01	4.82	0.11	0.004	2.98	8.47	
REP 2322940 QC		<0.001	0.016	<0.02	<0.01	<2	0.001	0.002	0.10	6.06	<0.02	0.03	<0.001	<0.01	<0.01	4.79	0.11	0.004	2.99	8.41	
Core Reject Duplicates																					
2322868 Drill Core	2.88	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.78	<0.02	0.03	<0.001	<0.01	<0.01	2.17	0.06	0.002	0.98	6.72	
DUP 2322868 QC		<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.06	2.84	<0.02	0.03	<0.001	<0.01	<0.01	2.16	0.06	0.001	1.00	7.49	
2322906 Drill Core	8.08	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.13	6.64	<0.02	0.05	<0.001	<0.01	<0.01	4.46	0.09	0.003	2.57	8.73	
DUP 2322906 QC		<0.001	0.004	<0.02	<0.01	<2	<0.001	0.003	0.13	6.62	<0.02	0.05	<0.001	<0.01	<0.01	4.42	0.09	0.003	2.58	8.62	

QUALITY CONTROL REPORT

SMI13000407.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2322844	Drill Core	3.03	1.56	<0.01	0.14	1.5	27.5	3.2	75	<0.1	9.3	4.8	641	1.84	3.5	8.1	2.1	57	0.3	0.2	0.3
REP 2322844	QC																				
2322858 Dup of 2322857	CORE DUP	2.44	1.43	<0.01	0.52	2.0	11.4	1.9	35	<0.1	6.7	9.5	863	2.55	12.1	5.6	1.8	47	<0.1	0.1	0.5
REP 2322858 Dup of	QC					1.8	10.6	1.8	32	<0.1	6.1	8.7	823	2.43	11.4	4.1	1.8	46	<0.1	0.1	0.5
2322871	Drill Core	3.41	1.50	<0.01	0.36	1.3	29.4	1.6	35	<0.1	8.0	8.6	583	2.31	8.5	2.3	2.3	43	<0.1	0.6	0.5
REP 2322871	QC	3.30	1.39	<0.01	0.36																
2322873	Drill Core	3.24	1.44	<0.01	0.31	1.6	372.2	1.7	34	0.1	6.9	7.1	596	2.25	3.3	9.1	2.3	37	<0.1	0.4	1.0
REP 2322873	QC																				
2322893	Drill Core	2.28	1.53	<0.01	<0.05	0.3	9.2	2.0	60	<0.1	9.3	19.5	1000	4.61	3.2	2.5	0.5	78	<0.1	0.4	<0.1
REP 2322893	QC					0.2	8.9	1.9	58	<0.1	7.8	18.4	986	4.60	3.2	<0.5	0.5	81	<0.1	0.4	<0.1
REP 2322906	QC	2.60	1.05	<0.01	1.00																
2322908	Drill Core	3.44	1.09	<0.01	<0.05	0.1	9.6	1.0	51	<0.1	8.0	19.2	839	4.01	6.7	<0.5	0.3	57	<0.1	1.3	<0.1
REP 2322908	QC																				
2322913	Drill Core	3.31	0.96	<0.01	0.18	0.3	60.8	1.1	43	<0.1	9.6	26.3	792	3.69	5.9	2.9	0.3	55	<0.1	0.9	0.2
REP 2322913	QC																				
2322915 Dup of 2322914	CORE DUP	3.53	0.65	<0.01	0.21	0.4	70.6	1.1	42	<0.1	9.2	31.8	798	4.41	10.0	21.4	0.3	43	<0.1	1.0	0.5
REP 2322915 Dup of	QC																				
2322918	Drill Core	3.34	1.30	<0.01	0.15	0.6	11.8	1.0	41	<0.1	9.0	18.6	892	4.70	4.8	0.9	0.3	47	<0.1	0.8	<0.1
REP 2322918	QC					0.5	11.6	1.0	40	<0.1	9.3	18.1	893	4.72	4.9	<0.5	0.3	48	<0.1	0.8	<0.1
2322921	Drill Core	3.46	1.06	<0.01	0.05	0.8	10.0	0.6	42	<0.1	10.1	21.1	809	4.76	3.7	1.8	0.3	38	<0.1	0.6	<0.1
REP 2322921	QC					0.6	9.5	0.8	38	<0.1	9.5	22.5	828	4.92	3.4	0.9	0.2	38	<0.1	0.6	<0.1
2322940	Drill Core	1.86	1.48	<0.01	0.06	0.5	146.9	0.9	37	0.3	13.3	22.8	909	4.94	2.2	4.3	0.4	83	<0.1	0.6	<0.1
REP 2322940	QC	1.85	1.46	<0.01	0.06																
Core Reject Duplicates																					
2322868	Drill Core	3.04	1.78	<0.01	0.78	1.1	30.7	2.6	38	<0.1	8.0	8.3	627	2.46	12.0	5.8	2.4	39	<0.1	0.2	2.0
DUP 2322868	QC	3.10	1.63	<0.01	0.77	1.1	27.3	2.4	39	<0.1	7.3	7.8	611	2.43	12.3	10.2	2.4	38	<0.1	0.2	2.3
2322906	Drill Core	2.56	1.05	<0.01	1.01	4.4	48.6	2.1	44	0.1	6.8	22.5	744	4.56	16.2	13.8	0.2	81	<0.1	1.4	0.7
DUP 2322906	QC	2.54	1.03	<0.01	1.00	3.5	45.1	1.9	45	0.1	5.1	21.0	713	4.34	14.9	16.9	0.2	79	<0.1	1.4	0.6

QUALITY CONTROL REPORT

SMI13000407.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2322844 Drill Core	19	1.72	0.049	12	17	0.75	831	0.002	<20	1.07	0.050	0.22	1.5	<0.01	1.6	<0.1	0.13	4	<0.5	<0.2	
REP 2322844 QC																					
2322858 Dup of 2322857 CORE DUP	18	3.27	0.056	12	9	1.26	509	<0.001	<20	0.81	0.038	0.22	0.4	0.01	2.2	<0.1	0.52	3	0.6	0.5	
REP 2322858 Dup of QC	17	3.21	0.060	12	8	1.21	454	<0.001	<20	0.79	0.036	0.21	0.5	0.01	2.1	<0.1	0.51	3	<0.5	0.4	
2322871 Drill Core	29	1.45	0.056	7	15	0.95	372	0.006	<20	1.24	0.060	0.15	<0.1	<0.01	1.7	<0.1	0.36	6	<0.5	0.2	
REP 2322871 QC																					
2322873 Drill Core	28	1.76	0.056	11	14	0.86	299	0.003	<20	1.16	0.054	0.18	0.2	0.01	2.1	<0.1	0.31	5	<0.5	0.5	
REP 2322873 QC																					
2322893 Drill Core	99	3.47	0.100	9	16	2.35	245	0.009	<20	2.77	0.054	0.21	<0.1	<0.01	9.5	<0.1	<0.05	9	<0.5	<0.2	
REP 2322893 QC	96	3.47	0.098	9	17	2.31	244	0.010	<20	2.73	0.053	0.21	<0.1	<0.01	9.5	<0.1	<0.05	9	<0.5	<0.2	
REP 2322906 QC																					
2322908 Drill Core	113	2.15	0.090	2	12	2.15	200	0.167	<20	2.12	0.116	0.10	0.6	<0.01	9.9	<0.1	<0.05	8	<0.5	<0.2	
REP 2322908 QC																					
2322913 Drill Core	115	2.10	0.103	1	21	2.39	34	0.152	<20	2.20	0.100	0.07	0.4	<0.01	8.7	<0.1	0.16	8	<0.5	<0.2	
REP 2322913 QC																					
2322915 Dup of 2322914 CORE DUP	153	1.89	0.099	1	27	2.58	28	0.157	<20	2.32	0.072	0.05	0.6	<0.01	10.0	<0.1	0.20	9	<0.5	<0.2	
REP 2322915 Dup of QC																					
2322918 Drill Core	192	3.22	0.095	1	27	2.33	37	0.158	<20	2.37	0.099	0.07	0.8	<0.01	11.5	<0.1	0.14	9	<0.5	<0.2	
REP 2322918 QC	194	3.23	0.097	1	30	2.33	38	0.156	<20	2.36	0.100	0.07	0.7	<0.01	12.8	<0.1	0.14	10	<0.5	<0.2	
2322921 Drill Core	159	2.38	0.097	2	27	2.57	29	0.146	<20	2.32	0.067	0.07	0.6	<0.01	12.9	<0.1	<0.05	9	<0.5	<0.2	
REP 2322921 QC	161	2.43	0.099	2	28	2.63	29	0.144	<20	2.36	0.068	0.07	0.4	<0.01	14.6	<0.1	<0.05	8	<0.5	<0.2	
2322940 Drill Core	137	3.51	0.090	6	31	2.68	180	0.096	<20	2.69	0.065	0.19	1.3	<0.01	11.1	<0.1	<0.05	8	<0.5	<0.2	
REP 2322940 QC																					
Core Reject Duplicates																					
2322868 Drill Core	29	2.07	0.061	9	15	0.88	289	0.002	<20	1.15	0.045	0.18	<0.1	0.01	1.9	<0.1	0.77	5	<0.5	1.0	
DUP 2322868 QC	29	2.00	0.057	9	15	0.88	258	0.002	<20	1.16	0.047	0.18	<0.1	0.01	2.0	<0.1	0.75	5	0.6	1.3	
2322906 Drill Core	119	1.72	0.083	1	12	1.95	157	0.175	<20	2.32	0.180	0.10	0.3	<0.01	6.2	<0.1	0.96	8	<0.5	<0.2	
DUP 2322906 QC	117	1.67	0.078	1	9	1.90	152	0.173	<20	2.26	0.182	0.10	0.4	<0.01	6.3	<0.1	0.92	7	<0.5	<0.2	

QUALITY CONTROL REPORT

SMI13000407.1

Method	2A Leco	2A Leco	G6	
Analyte	TOT/C	TOT/S	Au	
Unit	%	%	ppm	
MDL	0.02	0.02	0.005	
Pulp Duplicates				
2322844	Drill Core	0.48	0.13	0.010
REP 2322844	QC	0.47	0.13	
2322858 Dup of 2322857	CORE DUP	1.68	0.55	0.005
REP 2322858 Dup of	QC			
2322871	Drill Core	0.35	0.36	<0.005
REP 2322871	QC			
2322873	Drill Core	0.51	0.34	0.005
REP 2322873	QC	0.51	0.31	
2322893	Drill Core	1.09	<0.02	<0.005
REP 2322893	QC			
REP 2322906	QC			
2322908	Drill Core	0.55	0.05	0.005
REP 2322908	QC	0.57	0.05	
2322913	Drill Core	0.58	0.18	<0.005
REP 2322913	QC			<0.005
2322915 Dup of 2322914	CORE DUP	0.50	0.21	0.024
REP 2322915 Dup of	QC			0.021
2322918	Drill Core	1.00	0.14	<0.005
REP 2322918	QC			
2322921	Drill Core	0.76	0.04	<0.005
REP 2322921	QC			
2322940	Drill Core	1.15	0.06	0.008
REP 2322940	QC			
Core Reject Duplicates				
2322868	Drill Core	0.58	0.75	0.007
DUP 2322868	QC	0.56	0.74	0.007
2322906	Drill Core	0.33	1.01	0.020
DUP 2322906	QC	0.30	1.04	0.020



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
2322944	Drill Core	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.
DUP 2322944	QC	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.
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.234	0.49	3.16	45	0.002	0.018	0.09	17.95	<0.02	<0.01	0.009	<0.01	0.02	0.76	0.02	0.002	1.32	4.53
STD CDN-ME-9	Standard		<0.001	0.668	<0.02	0.01	3	0.914	0.018	0.12	13.70	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.07	0.028	4.01	6.69
STD CDN-ME-14	Standard		0.002	1.255	0.51	3.13	46	0.002	0.018	0.09	18.09	<0.02	<0.01	0.009	<0.01	0.01	0.76	0.02	0.002	1.32	4.50
STD CDN-ME-9	Standard		<0.001	0.659	<0.02	0.01	3	0.894	0.018	0.12	13.64	<0.02	0.03	<0.001	<0.01	<0.01	4.06	0.07	0.029	3.99	6.56
STD CDN-ME-14	Standard		0.001	1.264	0.49	3.24	47	0.002	0.018	0.09	18.36	<0.02	<0.01	0.009	<0.01	<0.01	0.75	0.01	0.002	1.27	4.38
STD CDN-ME-9	Standard		<0.001	0.656	<0.02	0.01	4	0.959	0.017	0.12	14.14	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.06	0.029	4.05	6.60
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				

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Project: 204920
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QUALITY CONTROL REPORT

SMI13000407.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2322944	Drill Core	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.
DUP 2322944	QC	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.
Reference Materials																					
STD CDN-ME-14	Standard	0.54	1.75	<0.01	15.64																
STD CDN-ME-9	Standard	1.89	0.63	<0.01	2.51																
STD CDN-ME-14	Standard	0.54	1.68	<0.01	16.21																
STD CDN-ME-9	Standard	1.88	0.56	<0.01	2.49																
STD CDN-ME-14	Standard	0.52	1.72	<0.01	16.69																
STD CDN-ME-9	Standard	1.79	0.65	<0.01	2.57																
STD DS10	Standard					12.7	146.8	150.2	351	2.1	70.5	12.8	843	2.67	45.0	48.0	7.2	66	2.5	8.6	12.0
STD DS10	Standard					13.5	167.1	165.2	386	2.2	80.5	13.7	894	2.78	48.1	70.2	7.5	65	2.9	8.3	10.8
STD DS10	Standard					11.6	157.3	144.9	352	2.2	72.8	12.7	843	2.53	42.4	58.2	6.1	58	2.8	6.9	11.0
STD DS10	Standard					12.8	169.7	157.3	354	1.8	75.8	12.9	874	2.72	44.5	56.9	7.1	62	2.4	8.1	11.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.4	707.8	14.8	29	0.2	397.0	49.8	407	22.59	11.6	59.5	10.4	4	<0.1	0.3	0.3
STD OREAS45EA	Standard					1.4	689.9	15.8	31	0.2	376.9	51.5	399	23.21	10.3	53.9	10.5	4	<0.1	0.2	0.3
STD OREAS45EA	Standard					1.7	631.0	14.6	28	0.2	356.4	47.0	384	20.06	8.8	49.1	10.3	3	<0.1	0.3	0.2
STD OXC109	Standard																				

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Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000407.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2322944	Drill Core	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.	L.N.R.
DUP 2322944	QC	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.	L.N.R.
Reference Materials																						
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD DS10	Standard	43	1.04	0.076	16	53	0.76	401	0.075	<20	1.01	0.064	0.33	2.7	0.26	2.9	5.1	0.27	4	1.9	5.0	
STD DS10	Standard	46	1.10	0.075	17	57	0.79	405	0.070	<20	1.04	0.066	0.34	3.4	0.31	2.7	5.0	0.30	4	2.6	4.9	
STD DS10	Standard	39	0.98	0.074	14	52	0.70	372	0.062	<20	0.85	0.056	0.30	2.6	0.28	2.3	4.6	0.28	4	1.2	5.8	
STD DS10	Standard	43	1.06	0.073	16	54	0.79	360	0.070	<20	1.02	0.065	0.33	2.8	0.27	2.5	4.5	0.28	4	2.5	5.0	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	309	0.05	0.028	7	859	0.10	150	0.092	<20	3.33	0.021	0.06	<0.1	<0.01	81.4	<0.1	<0.05	13	1.1	<0.2	
STD OREAS45EA	Standard	303	0.05	0.028	7	894	0.09	151	0.084	<20	3.03	0.024	0.05	<0.1	0.02	77.4	<0.1	<0.05	13	0.9	<0.2	
STD OREAS45EA	Standard	284	0.03	0.027	6	803	0.09	136	0.082	<20	2.92	0.019	0.05	<0.1	<0.01	65.4	<0.1	<0.05	11	<0.5	<0.2	
STD OXC109	Standard																					

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QUALITY CONTROL REPORT

SMI13000407.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
2322944	Drill Core	L.N.R.	L.N.R.	L.N.R.
DUP 2322944	QC	L.N.R.	L.N.R.	L.N.R.
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	1.01	2.35	
STD GS311-1	Standard	0.97	2.47	
STD GS311-1	Standard	1.00	2.38	
STD GS311-1	Standard	1.00	2.33	
STD GS311-1	Standard	1.02	2.34	
STD GS311-1	Standard	0.97	2.42	
STD GS910-4	Standard	2.71	8.42	
STD GS910-4	Standard	2.68	8.53	
STD GS910-4	Standard	2.70	8.18	
STD GS910-4	Standard	2.61	8.20	
STD GS910-4	Standard	2.70	8.47	
STD GS910-4	Standard	2.59	8.13	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.210



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QUALITY CONTROL REPORT

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	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	0.002	<0.01	<0.01	
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI13000407.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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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Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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Part: 3 of 4

QUALITY CONTROL REPORT

SMI13000407.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																					
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QUALITY CONTROL REPORT

SMI13000407.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXC109	Standard			0.199
STD OXI96	Standard			1.886
STD OXI96	Standard			1.825
STD OXL93	Standard			5.975
STD OXL93	Standard			5.861
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD DS10 Expected				
STD OREAS45EA Expected				
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000407.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
BLK	Blank	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
Prep Wash																					
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.37	<0.02	0.07	<0.001	<0.01	<0.01	2.26	0.08	0.002	0.70	7.28	
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.34	<0.02	0.07	<0.001	<0.01	<0.01	2.28	0.08	0.002	0.70	7.23	



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 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000407.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
BLK	Blank	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Prep Wash																					
G1-SMI	Prep Blank	2.56	1.36	<0.01	<0.05	0.2	6.7	2.7	45	<0.1	4.0	4.0	560	2.06	<0.5	1.0	4.5	54	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.61	1.38	<0.01	<0.05	0.2	6.9	2.5	46	<0.1	3.7	4.1	537	1.93	<0.5	<0.5	4.3	45	<0.1	<0.1	<0.1



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000407.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Prep Wash																					
G1-SMI	Prep Blank	38	0.48	0.073	9	10	0.60	226	0.109	<20	0.99	0.097	0.51	0.1	0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	36	0.39	0.081	7	10	0.58	212	0.107	<20	0.87	0.063	0.47	0.1	<0.01	1.9	0.3	<0.05	4	<0.5	<0.2



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 26, 2013

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QUALITY CONTROL REPORT

SMI13000407.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.05	<0.02	<0.005
G1-SMI	Prep Blank	0.03	<0.02	<0.005



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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Teck Resources Limited**
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Smithers
Received: January 23, 2014
Report Date: February 25, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000407R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_016
P.O. Number
Number of Samples: 45

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7TD1	45	4-acid Digestion ICP-ES Finish	0.5	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: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:



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



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 25, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000407R.1

Method	7TD	
Analyte	Ag	
Unit	gm/t	
MDL	2	
2322888	Drill Core	<2
2322889	Drill Core	<2
2322890	Drill Core	<2
2322891 Dup of 2322890	CORE DUP	<2
2322892	Drill Core	<2
2322893	Drill Core	<2
2322894	Drill Core	<2
2322895	Drill Core	14
2322896	Drill Core	<2
2322897	Drill Core	<2
2322898	Drill Core	<2
2322899	Drill Core	<2
2322900	Drill Core	<2
2322901	Drill Core	<2
2322902	Drill Core	<2
2322903	Drill Core	<2
2322904	Drill Core	<2
2322905	Drill Core	<2
2322906	Drill Core	<2
2322907	Rock Pulp	3
2322908	Drill Core	<2
2322909	Drill Core	<2
2322910	Drill Core	<2
2322911	Rock	<2
2322912	Drill Core	<2
2322913	Drill Core	<2
2322914	Drill Core	<2
2322915 Dup of 2322914	CORE DUP	<2
2322916	Drill Core	<2
2322917	Drill Core	<2



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PHONE (604) 253-3158

Client: Teck Resources Limited
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Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: February 25, 2014

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Part: 1 of 1

CERTIFICATE OF ANALYSIS

SMI13000407R.1

	Method	7TD
	Analyte	Ag
	Unit	gm/t
	MDL	2
2322918	Drill Core	<2
2322919	Drill Core	<2
2322920	Drill Core	<2
2322921	Drill Core	<2
2322922	Rock	<2
2322923	Drill Core	<2
2322924	Drill Core	<2
2322925	Drill Core	<2
2322926 Dup of 2322925	CORE DUP	<2
2322927	Drill Core	<2
2322928	Drill Core	<2
2322929	Drill Core	<2
2322930	Drill Core	<2
2322931	Drill Core	<2
2322932	Drill Core	<2



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 25, 2014

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

SMI13000407R.1

	Method	7TD
	Analyte	Ag
	Unit	gm/t
	MDL	2
Pulp Duplicates		
2322907	Rock Pulp	3
REP 2322907	QC	2
2322932	Drill Core	<2
REP 2322932	QC	<2
Reference Materials		
STD CDN-ME-14	Standard	45
STD CDN-ME-9	Standard	3
STD CDN-ME-14	Standard	44
STD CDN-ME-9	Standard	3
STD CDN-ME-14 Expected		42.3
BLK	Blank	<2
BLK	Blank	<2

CERTIFICATE OF ANALYSIS

SMI13000408.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_015
P.O. Number
Number of Samples: 132

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	125	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	6	Split samples by riffle splitter			SMI
P200	6	Pulverize to 85% passing 200 mesh			VAN
7TD2	132	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	132	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	132	Analysis by Leco	0.1	Completed	VAN
G6	132	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307001	Drill Core	6.71	<0.001	0.008	<0.02	<0.01	<2	0.004	0.003	0.11	5.58	<0.02	0.05	<0.001	<0.01	<0.01	5.16	0.12	0.006	2.82	8.62
2307002	Drill Core	5.72	<0.001	0.012	<0.02	<0.01	<2	0.005	0.003	0.12	5.71	<0.02	0.05	<0.001	<0.01	<0.01	5.82	0.10	0.007	3.24	8.51
2307003	Drill Core	6.87	<0.001	0.009	<0.02	<0.01	<2	0.005	0.003	0.11	5.59	<0.02	0.05	<0.001	<0.01	<0.01	6.38	0.10	0.007	3.05	8.59
2307004	Drill Core	6.40	<0.001	0.029	<0.02	<0.01	<2	0.004	0.003	0.11	5.50	<0.02	0.04	<0.001	<0.01	<0.01	5.34	0.12	0.005	2.77	8.52
2307005	Drill Core	4.72	<0.001	0.031	<0.02	<0.01	<2	0.005	0.003	0.12	5.42	<0.02	0.04	<0.001	<0.01	<0.01	6.96	0.11	0.005	3.12	7.95
2307006	Drill Core	6.58	<0.001	0.010	<0.02	<0.01	<2	0.001	0.001	0.07	2.01	<0.02	0.05	<0.001	<0.01	<0.01	3.78	0.11	0.002	2.67	9.00
2307007	Rock	3.56	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.46	<0.02	0.05	<0.001	<0.01	<0.01	1.57	0.03	<0.001	0.24	7.29
2307008	Drill Core	7.37	<0.001	0.003	<0.02	<0.01	<2	0.002	<0.001	0.07	2.14	<0.02	0.05	<0.001	<0.01	<0.01	4.70	0.11	0.001	2.73	9.07
2307009	Drill Core	5.60	<0.001	0.007	<0.02	<0.01	<2	0.002	0.001	0.08	4.14	<0.02	0.06	<0.001	<0.01	<0.01	3.95	0.11	0.002	2.56	9.12
2307010	Drill Core	3.58	<0.001	0.027	<0.02	<0.01	<2	0.002	0.001	0.08	3.04	<0.02	0.05	<0.001	<0.01	<0.01	4.36	0.11	0.002	2.62	9.18
2307011	Drill Core	3.03	<0.001	0.019	<0.02	<0.01	<2	<0.001	0.001	0.08	3.08	<0.02	0.05	<0.001	<0.01	<0.01	4.48	0.11	0.003	2.65	9.32
2307012	Drill Core	7.10	<0.001	0.015	<0.02	<0.01	<2	<0.001	0.001	0.08	4.63	<0.02	0.06	<0.001	<0.01	<0.01	5.00	0.11	0.002	2.42	8.95
2307013	Rock Pulp	0.14	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.21	<0.02	0.05	<0.001	<0.01	<0.01	1.90	0.06	0.002	0.54	7.57
2307014	Drill Core	6.90	<0.001	0.031	<0.02	<0.01	<2	<0.001	0.001	0.08	2.89	<0.02	0.06	<0.001	<0.01	<0.01	5.05	0.11	0.003	2.56	9.20
2307015	Drill Core	7.39	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.09	4.91	<0.02	0.06	<0.001	<0.01	<0.01	4.16	0.11	0.003	2.44	8.86
2307016 Dup of 2307015	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	0.001	0.002	0.09	5.05	<0.02	0.06	<0.001	<0.01	<0.01	4.20	0.11	0.003	2.51	8.99
2307017	Drill Core	6.55	<0.001	0.010	<0.02	<0.01	<2	<0.001	0.002	0.09	4.39	<0.02	0.06	<0.001	<0.01	<0.01	4.60	0.11	0.002	2.51	9.18
2307018	Drill Core	7.80	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.09	4.03	<0.02	0.06	<0.001	<0.01	<0.01	4.43	0.11	0.003	2.78	9.43
2307019	Drill Core	5.89	<0.001	0.029	<0.02	<0.01	<2	<0.001	0.001	0.08	3.06	<0.02	0.05	<0.001	<0.01	<0.01	4.17	0.11	0.003	2.49	9.11
2307020	Drill Core	6.73	<0.001	0.018	<0.02	<0.01	<2	<0.001	0.002	0.09	4.58	<0.02	0.06	<0.001	<0.01	<0.01	4.14	0.11	0.003	2.45	8.83
2307021	Drill Core	4.91	<0.001	0.086	<0.02	<0.01	<2	<0.001	0.001	0.09	3.99	<0.02	0.06	<0.001	<0.01	<0.01	4.62	0.11	0.002	2.48	9.28
2307022	Drill Core	5.41	<0.001	0.125	<0.02	<0.01	<2	<0.001	0.001	0.07	2.74	<0.02	0.06	<0.001	<0.01	<0.01	4.09	0.11	0.001	2.55	9.05
2307023	Drill Core	5.37	0.002	0.052	<0.02	<0.01	<2	0.002	0.002	0.09	4.48	<0.02	0.06	<0.001	<0.01	<0.01	3.94	0.11	0.003	2.41	8.75
2307024	Drill Core	6.98	0.001	0.087	<0.02	<0.01	<2	0.002	0.002	0.07	3.60	<0.02	0.05	<0.001	<0.01	<0.01	2.83	0.11	<0.001	2.31	8.55
2307025	Rock	4.36	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.47	0.03	0.001	0.24	6.39
2307026	Drill Core	7.94	<0.001	0.142	<0.02	<0.01	<2	0.001	0.001	0.05	3.18	<0.02	0.03	<0.001	<0.01	<0.01	2.24	0.10	0.001	2.03	7.76
2307027	Drill Core	5.86	<0.001	0.133	<0.02	<0.01	<2	0.002	0.001	0.07	3.32	<0.02	0.04	<0.001	<0.01	<0.01	3.48	0.11	0.002	2.35	8.75
2307028	Drill Core	5.95	<0.001	0.055	<0.02	<0.01	<2	<0.001	0.001	0.07	3.58	<0.02	0.05	<0.001	<0.01	<0.01	4.10	0.11	0.002	2.32	8.35
2307029	Drill Core	3.17	<0.001	0.070	<0.02	<0.01	<2	<0.001	0.002	0.06	4.18	<0.02	0.05	<0.001	<0.01	<0.01	4.02	0.11	0.002	1.99	8.36
2307030	Drill Core	2.58	<0.001	0.085	<0.02	<0.01	<2	<0.001	0.002	0.07	4.23	<0.02	0.05	<0.001	<0.01	<0.01	4.33	0.11	0.002	2.17	8.61

CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307001	Drill Core	2.64	1.13	<0.01	<0.05	0.8	75.6	1.0	58	<0.1	31.7	21.3	736	3.87	1.5	<0.5	0.9	57	<0.1	0.2	0.1
2307002	Drill Core	2.61	1.03	<0.01	<0.05	0.3	121.3	1.1	66	<0.1	40.5	25.3	758	3.69	1.1	<0.5	0.8	58	<0.1	0.2	0.1
2307003	Drill Core	2.74	0.95	<0.01	<0.05	0.3	100.0	1.2	63	<0.1	41.0	24.2	616	3.33	1.0	<0.5	0.7	68	<0.1	0.3	<0.1
2307004	Drill Core	2.74	1.01	<0.01	<0.05	0.3	292.5	1.0	61	<0.1	31.0	23.0	647	3.67	1.6	<0.5	0.8	57	<0.1	0.3	<0.1
2307005	Drill Core	2.79	0.96	<0.01	<0.05	0.5	322.6	1.6	62	<0.1	39.2	25.8	949	4.26	1.8	<0.5	0.7	95	0.1	0.3	<0.1
2307006	Drill Core	5.28	0.49	<0.01	<0.05	0.2	107.8	1.2	24	<0.1	4.4	4.7	286	0.99	4.6	<0.5	0.4	23	<0.1	0.2	0.1
2307007	Rock	3.00	1.46	<0.01	<0.05	0.3	11.3	1.9	47	<0.1	1.0	2.1	288	1.28	0.5	<0.5	6.6	24	<0.1	<0.1	<0.1
2307008	Drill Core	4.92	0.52	<0.01	<0.05	0.1	35.5	0.9	24	<0.1	4.5	3.8	304	0.95	5.1	<0.5	0.5	32	<0.1	0.3	<0.1
2307009	Drill Core	4.74	0.60	<0.01	<0.05	1.2	79.3	0.9	22	<0.1	4.7	8.6	266	2.43	5.3	2.0	0.5	47	<0.1	0.4	<0.1
2307010	Drill Core	4.86	0.44	<0.01	<0.05	0.2	297.5	0.8	28	0.1	4.9	5.1	310	1.58	5.8	<0.5	0.4	58	<0.1	0.5	<0.1
2307011	Drill Core	5.08	0.45	<0.01	<0.05	0.3	191.0	0.7	25	0.1	3.7	4.2	279	1.45	4.9	3.5	0.4	50	<0.1	0.4	<0.1
2307012	Drill Core	4.04	0.57	<0.01	<0.05	0.5	148.8	1.0	19	<0.1	4.4	7.1	243	2.80	5.6	4.6	0.4	96	<0.1	0.4	<0.1
2307013	Rock Pulp	3.04	1.48	<0.01	0.21	11.3	176.6	13.9	43	0.1	7.1	5.8	222	1.90	2.6	<0.5	3.7	47	0.1	0.1	0.2
2307014	Drill Core	4.74	0.57	<0.01	<0.05	0.4	309.9	0.9	19	0.1	3.9	5.0	220	1.24	6.2	2.1	0.4	43	<0.1	0.5	0.1
2307015	Drill Core	3.80	0.72	<0.01	<0.05	0.2	47.0	1.0	27	<0.1	5.6	10.4	320	3.56	4.5	1.4	0.5	86	0.1	0.6	<0.1
2307016 Dup of 2307015	CORE DUP	3.81	0.75	<0.01	<0.05	0.3	44.2	0.8	26	<0.1	5.6	9.9	306	3.40	4.6	<0.5	0.4	82	<0.1	0.7	<0.1
2307017	Drill Core	4.10	0.68	<0.01	<0.05	0.2	103.4	1.0	20	<0.1	3.8	7.6	283	2.66	4.5	1.9	0.4	91	<0.1	0.6	0.1
2307018	Drill Core	4.35	0.76	<0.01	0.05	0.3	112.8	1.1	28	<0.1	6.8	8.4	341	2.34	4.4	2.6	0.5	64	<0.1	0.4	0.2
2307019	Drill Core	4.95	0.57	<0.01	0.07	0.3	299.1	1.8	34	0.2	5.4	7.2	457	2.03	4.8	4.0	0.4	42	<0.1	0.4	0.2
2307020	Drill Core	4.25	0.56	<0.01	<0.05	0.7	180.4	1.1	32	0.2	5.9	9.4	453	3.30	3.6	2.0	0.4	79	<0.1	0.4	0.1
2307021	Drill Core	4.21	0.77	<0.01	0.12	3.0	856.2	3.4	30	0.5	5.7	7.4	371	2.63	5.2	9.5	0.4	76	0.1	0.7	0.2
2307022	Drill Core	5.09	0.52	<0.01	0.13	0.7	1243.8	2.2	26	0.6	4.6	4.4	281	1.43	5.8	8.9	0.4	37	0.1	0.5	0.2
2307023	Drill Core	4.59	0.69	<0.01	0.13	22.0	536.6	1.5	26	0.3	8.4	12.7	343	2.92	5.3	6.1	0.4	73	0.1	0.5	0.3
2307024	Drill Core	4.88	0.64	<0.01	0.18	13.5	855.6	48.4	44	0.5	8.8	12.5	523	3.01	5.1	2.4	0.5	136	0.2	0.4	0.6
2307025	Rock	2.86	1.30	<0.01	<0.05	0.9	12.8	1.7	51	<0.1	1.1	2.2	298	1.36	0.6	<0.5	6.8	21	<0.1	<0.1	<0.1
2307026	Drill Core	4.78	0.51	<0.01	0.37	2.1	1447.0	138.2	46	1.3	6.9	8.9	428	2.69	6.0	9.7	0.4	56	0.2	0.3	0.6
2307027	Drill Core	4.71	0.78	<0.01	0.86	0.8	1364.7	2.5	51	0.6	6.9	9.4	490	2.59	9.5	16.8	0.3	34	0.2	0.5	0.9
2307028	Drill Core	4.31	0.70	<0.01	0.15	0.8	568.7	3.4	32	0.3	4.1	7.2	270	2.23	6.5	11.2	0.3	61	<0.1	0.4	0.5
2307029	Drill Core	4.24	0.66	<0.01	0.22	1.3	704.0	2.0	21	0.4	3.8	10.3	182	2.61	6.7	47.7	0.3	67	0.1	0.7	0.5
2307030	Drill Core	4.15	0.62	<0.01	0.19	0.5	855.7	1.7	24	0.4	3.9	7.2	214	2.57	5.8	43.9	0.3	60	<0.1	0.7	0.4

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307001	Drill Core	78	2.19	0.106	12	38	2.07	82	0.180	<20	2.36	0.073	0.11	0.4	<0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
2307002	Drill Core	67	1.94	0.096	11	50	2.31	81	0.196	<20	2.54	0.073	0.08	0.5	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
2307003	Drill Core	63	1.78	0.090	10	53	2.13	56	0.198	<20	2.45	0.074	0.05	0.4	<0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
2307004	Drill Core	74	1.96	0.116	12	35	2.07	83	0.212	<20	2.48	0.073	0.09	0.4	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
2307005	Drill Core	120	4.99	0.111	10	53	2.67	458	0.193	<20	3.04	0.035	0.09	1.0	<0.01	9.7	<0.1	<0.05	9	<0.5	<0.2
2307006	Drill Core	68	1.50	0.103	2	10	1.20	23	0.125	<20	1.42	0.146	0.05	5.0	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
2307007	Rock	12	0.19	0.029	12	6	0.22	70	0.068	<20	0.55	0.083	0.30	<0.1	<0.01	1.4	0.1	<0.05	3	<0.5	<0.2
2307008	Drill Core	70	1.97	0.107	2	10	1.19	23	0.137	<20	1.45	0.151	0.05	0.5	<0.01	4.7	<0.1	<0.05	5	<0.5	<0.2
2307009	Drill Core	92	0.95	0.103	3	17	0.94	45	0.161	<20	1.24	0.146	0.07	0.5	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
2307010	Drill Core	79	1.45	0.112	3	14	1.18	24	0.155	<20	1.61	0.189	0.05	0.4	<0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
2307011	Drill Core	76	1.39	0.110	3	13	1.05	23	0.146	<20	1.41	0.169	0.05	0.6	<0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
2307012	Drill Core	97	1.40	0.102	3	16	0.92	30	0.164	<20	1.92	0.250	0.07	0.3	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
2307013	Rock Pulp	27	0.87	0.060	11	11	0.43	37	0.024	<20	0.76	0.065	0.14	0.7	<0.01	1.5	<0.1	0.21	4	<0.5	<0.2
2307014	Drill Core	66	1.63	0.116	3	10	0.79	21	0.149	<20	1.33	0.175	0.07	0.4	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
2307015	Drill Core	115	1.18	0.105	3	19	1.19	36	0.176	<20	1.87	0.232	0.08	0.3	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
2307016 Dup of 2307015	CORE DUP	112	1.13	0.103	3	18	1.18	36	0.168	<20	1.88	0.242	0.08	0.4	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
2307017	Drill Core	96	1.33	0.096	3	15	0.98	28	0.146	<20	1.70	0.234	0.07	0.3	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
2307018	Drill Core	93	1.22	0.109	4	17	1.16	35	0.167	<20	1.66	0.176	0.07	0.5	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
2307019	Drill Core	103	2.01	0.106	3	16	1.49	17	0.172	<20	1.54	0.153	0.06	0.5	<0.01	6.1	<0.1	0.07	7	<0.5	<0.2
2307020	Drill Core	119	1.70	0.100	3	19	1.47	132	0.163	<20	1.81	0.161	0.05	1.3	<0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
2307021	Drill Core	107	1.71	0.106	3	15	1.28	37	0.177	<20	1.78	0.175	0.08	0.9	<0.01	5.5	<0.1	0.12	8	<0.5	<0.2
2307022	Drill Core	76	1.35	0.106	3	10	1.06	22	0.173	<20	1.35	0.152	0.06	4.5	<0.01	3.9	<0.1	0.13	6	<0.5	<0.2
2307023	Drill Core	99	1.27	0.114	3	16	1.09	28	0.172	<20	1.39	0.133	0.08	1.1	<0.01	4.3	<0.1	0.13	6	<0.5	<0.2
2307024	Drill Core	141	1.78	0.116	3	17	2.02	1981	0.159	<20	2.03	0.105	0.08	2.0	<0.01	10.3	<0.1	0.16	9	<0.5	<0.2
2307025	Rock	13	0.20	0.028	11	4	0.24	64	0.070	<20	0.54	0.068	0.28	<0.1	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
2307026	Drill Core	115	1.31	0.105	3	17	1.72	646	0.133	<20	1.82	0.084	0.06	1.7	<0.01	9.0	<0.1	0.36	8	0.8	<0.2
2307027	Drill Core	104	1.98	0.107	2	15	1.59	36	0.146	<20	1.46	0.124	0.07	0.8	<0.01	9.3	<0.1	0.86	7	1.1	0.3
2307028	Drill Core	96	1.37	0.116	3	16	0.88	44	0.142	<20	1.45	0.208	0.08	0.5	<0.01	3.8	<0.1	0.16	5	<0.5	<0.2
2307029	Drill Core	91	1.03	0.100	3	15	0.57	45	0.167	<20	1.34	0.214	0.08	0.4	<0.01	2.9	<0.1	0.23	5	<0.5	0.2
2307030	Drill Core	95	1.08	0.107	3	15	0.69	34	0.170	<20	1.41	0.187	0.07	0.4	<0.01	3.0	<0.1	0.20	6	<0.5	0.2

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2307001	Drill Core	0.43	<0.02	<0.005
2307002	Drill Core	0.30	<0.02	<0.005
2307003	Drill Core	0.20	<0.02	<0.005
2307004	Drill Core	0.28	<0.02	<0.005
2307005	Drill Core	1.29	<0.02	<0.005
2307006	Drill Core	0.16	0.03	<0.005
2307007	Rock	<0.02	<0.02	<0.005
2307008	Drill Core	0.27	<0.02	<0.005
2307009	Drill Core	0.06	0.02	<0.005
2307010	Drill Core	0.11	0.04	<0.005
2307011	Drill Core	0.13	0.03	0.005
2307012	Drill Core	0.03	0.03	0.008
2307013	Rock Pulp	0.19	0.23	<0.005
2307014	Drill Core	0.15	0.05	0.007
2307015	Drill Core	0.04	0.03	<0.005
2307016 Dup of 2307015	CORE DUP	0.04	0.03	<0.005
2307017	Drill Core	0.09	0.03	0.008
2307018	Drill Core	0.09	0.06	0.008
2307019	Drill Core	0.39	0.07	0.009
2307020	Drill Core	0.35	0.04	0.006
2307021	Drill Core	0.20	0.13	0.017
2307022	Drill Core	0.14	0.12	0.018
2307023	Drill Core	0.27	0.13	0.011
2307024	Drill Core	0.35	0.19	0.009
2307025	Rock	<0.02	<0.02	<0.005
2307026	Drill Core	0.23	0.40	0.014
2307027	Drill Core	0.46	0.96	0.020
2307028	Drill Core	0.14	0.17	0.022
2307029	Drill Core	0.02	0.25	0.052
2307030	Drill Core	<0.02	0.22	0.065

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307031	Drill Core	6.24	<0.001	0.085	<0.02	<0.01	<2	<0.001	0.002	0.06	4.95	<0.02	0.05	<0.001	<0.01	<0.01	3.93	0.11	0.001	1.77	8.29
2307032	Drill Core	5.19	<0.001	0.039	<0.02	<0.01	<2	<0.001	0.002	0.07	5.31	<0.02	0.04	<0.001	<0.01	<0.01	4.16	0.10	0.002	2.14	8.46
2307033	Rock Pulp	0.18	0.023	0.458	<0.02	<0.01	<2	0.004	0.002	0.08	4.58	<0.02	0.03	<0.001	<0.01	<0.01	2.50	0.06	0.005	1.34	6.05
2307034	Drill Core	5.44	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.08	5.66	<0.02	0.04	<0.001	<0.01	<0.01	4.68	0.10	0.003	2.72	9.06
2307035 Dup of 2307034	CORE DUP		<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.08	5.74	<0.02	0.04	<0.001	<0.01	<0.01	4.63	0.10	0.002	2.74	8.71
2307036	Drill Core	6.46	<0.001	0.009	<0.02	<0.01	<2	<0.001	0.002	0.06	5.67	<0.02	0.04	<0.001	<0.01	<0.01	3.81	0.11	0.002	2.41	8.49
2307037	Drill Core	4.92	<0.001	0.016	<0.02	<0.01	<2	<0.001	0.002	0.07	5.51	<0.02	0.04	<0.001	<0.01	<0.01	4.13	0.11	0.002	2.72	8.82
2307038	Drill Core	3.88	<0.001	0.023	<0.02	<0.01	<2	<0.001	0.002	0.07	5.27	<0.02	0.05	<0.001	<0.01	<0.01	4.30	0.11	0.001	2.10	8.62
2307039	Drill Core	6.44	<0.001	0.024	<0.02	<0.01	<2	<0.001	0.002	0.06	4.95	<0.02	0.05	<0.001	<0.01	<0.01	3.47	0.11	0.003	1.78	8.89
2307040	Drill Core	6.41	<0.001	0.114	<0.02	<0.01	<2	0.001	0.002	0.06	3.61	<0.02	0.05	<0.001	<0.01	<0.01	3.14	0.11	0.001	2.20	8.68
2307041	Drill Core	6.37	<0.001	0.063	<0.02	<0.01	<2	<0.001	0.002	0.07	4.91	<0.02	0.04	<0.001	<0.01	<0.01	2.42	0.11	0.002	2.48	8.83
2307042	Drill Core	4.72	<0.001	0.024	<0.02	<0.01	<2	0.001	0.002	0.06	4.03	<0.02	0.04	<0.001	<0.01	<0.01	3.04	0.11	0.001	2.48	9.33
2307043	Rock	4.03	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.58	<0.02	0.06	<0.001	<0.01	<0.01	1.73	0.04	<0.001	0.27	7.36
2307044	Drill Core	4.59	<0.001	0.025	<0.02	<0.01	<2	<0.001	0.001	0.06	4.64	<0.02	0.05	<0.001	<0.01	<0.01	4.50	0.11	0.002	2.13	8.84
2307045	Drill Core	7.18	<0.001	0.011	<0.02	<0.01	<2	<0.001	0.002	0.08	5.13	<0.02	0.05	<0.001	<0.01	<0.01	4.29	0.11	0.002	2.51	8.75
2307046	Drill Core	5.71	<0.001	0.036	<0.02	<0.01	<2	<0.001	0.002	0.07	5.50	<0.02	0.04	<0.001	<0.01	<0.01	3.86	0.10	0.001	2.89	8.87
2307047	Drill Core	6.49	<0.001	0.013	<0.02	<0.01	<2	<0.001	0.002	0.06	5.55	<0.02	0.04	<0.001	<0.01	<0.01	3.26	0.11	<0.001	2.94	8.96
2307048	Rock Pulp	0.17	0.016	0.186	<0.02	<0.01	<2	0.001	<0.001	0.07	4.20	<0.02	0.07	<0.001	<0.01	<0.01	2.32	0.08	0.002	0.72	7.72
2307049	Drill Core	3.70	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.07	5.35	<0.02	0.04	<0.001	<0.01	<0.01	3.63	0.11	0.002	2.59	8.86
2307050	Drill Core	3.66	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.003	0.08	5.72	<0.02	0.04	<0.001	<0.01	<0.01	3.74	0.11	0.001	2.79	8.86
2307051	Drill Core	6.90	<0.001	0.005	<0.02	<0.01	<2	0.002	0.002	0.08	5.41	<0.02	0.04	<0.001	<0.01	<0.01	4.41	0.11	0.001	2.80	9.42
2307052	Drill Core	7.82	<0.001	0.027	<0.02	<0.01	<2	0.002	0.002	0.08	5.00	<0.02	0.04	<0.001	<0.01	<0.01	4.01	0.11	0.003	2.61	9.02
2307053	Drill Core	6.64	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.08	5.55	<0.02	0.05	<0.001	<0.01	<0.01	4.08	0.11	0.003	2.10	8.64
2307054	Drill Core	6.50	<0.001	0.072	<0.02	<0.01	<2	0.001	0.002	0.09	5.73	<0.02	0.04	<0.001	<0.01	<0.01	3.87	0.11	0.001	3.34	9.11
2307055 Dup of 2307054	CORE DUP		<0.001	0.074	<0.02	<0.01	<2	0.002	0.002	0.09	5.64	<0.02	0.04	<0.001	<0.01	<0.01	3.76	0.11	0.001	3.28	8.98
2307056	Drill Core	7.46	<0.001	0.017	<0.02	<0.01	<2	0.002	0.002	0.06	5.32	<0.02	0.03	<0.001	<0.01	<0.01	4.14	0.11	0.003	1.79	8.62
2307057	Drill Core	8.08	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.06	4.96	<0.02	0.04	<0.001	<0.01	<0.01	4.29	0.11	0.002	2.29	8.92
2307058	Drill Core	4.87	<0.001	0.112	<0.02	<0.01	<2	0.002	0.001	0.06	3.93	<0.02	0.04	<0.001	<0.01	<0.01	4.85	0.11	<0.001	2.03	8.75
2307059	Drill Core	5.32	<0.001	0.063	<0.02	<0.01	<2	0.001	0.002	0.08	5.11	<0.02	0.04	<0.001	<0.01	<0.01	5.53	0.10	0.002	1.88	8.07
2307060	Drill Core	5.37	<0.001	0.062	<0.02	<0.01	<2	0.002	0.002	0.08	5.20	<0.02	0.02	<0.001	<0.01	<0.01	5.25	0.10	0.002	2.15	8.36

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307031	Drill Core	3.54	0.90	<0.01	0.16	1.0	889.9	1.3	40	0.7	6.9	12.4	324	3.93	6.3	502.3	0.3	76	<0.1	0.7	0.5
2307032	Drill Core	3.13	0.90	<0.01	0.08	0.3	401.0	1.1	41	0.3	6.3	12.4	432	4.16	4.7	270.4	0.4	81	<0.1	0.6	0.2
2307033	Rock Pulp	2.29	0.87	<0.01	0.55	242.3	4729.1	4.2	46	0.6	31.4	10.7	466	3.55	5.7	188.4	0.8	39	<0.1	0.7	0.1
2307034	Drill Core	3.07	1.15	<0.01	<0.05	0.7	100.1	1.1	27	<0.1	7.5	14.1	279	4.01	5.2	43.1	0.3	89	<0.1	0.7	0.1
2307035 Dup of 2307034	CORE DUP	3.04	1.11	<0.01	0.09	0.6	91.0	1.0	27	<0.1	6.5	12.4	277	3.90	4.8	38.2	0.4	90	<0.1	0.7	0.1
2307036	Drill Core	3.13	1.08	<0.01	<0.05	0.3	86.9	1.1	51	<0.1	9.7	13.5	390	5.12	4.6	51.3	0.3	65	<0.1	0.8	<0.1
2307037	Drill Core	3.10	1.33	<0.01	<0.05	0.3	171.1	0.9	72	0.1	7.8	12.0	433	4.39	5.1	22.1	0.3	48	<0.1	0.7	<0.1
2307038	Drill Core	3.66	1.07	<0.01	<0.05	0.3	248.3	1.2	39	0.2	7.4	11.2	370	4.49	4.4	6.3	0.3	61	<0.1	0.4	<0.1
2307039	Drill Core	4.33	1.03	<0.01	0.10	0.9	252.8	1.2	28	0.2	6.7	13.3	266	4.03	6.0	10.8	0.3	60	<0.1	0.6	0.2
2307040	Drill Core	4.89	0.91	<0.01	0.73	2.0	1146.4	1.4	28	0.6	8.9	19.1	243	2.43	9.1	13.4	0.3	30	0.1	0.7	0.4
2307041	Drill Core	4.56	0.84	<0.01	0.08	1.2	625.4	0.9	44	0.2	10.2	15.7	473	4.23	7.0	23.5	0.4	29	0.2	0.3	0.1
2307042	Drill Core	4.66	0.85	<0.01	0.39	0.7	246.9	0.9	41	0.1	12.0	17.1	392	3.33	8.6	54.5	0.3	27	<0.1	0.4	0.3
2307043	Rock	3.13	1.29	<0.01	<0.05	0.3	12.5	1.8	51	<0.1	0.9	2.6	318	1.46	0.5	0.6	7.1	24	<0.1	<0.1	<0.1
2307044	Drill Core	3.80	0.91	<0.01	0.06	0.3	253.9	0.9	23	<0.1	6.2	6.8	229	3.32	5.1	50.8	0.3	67	<0.1	0.6	<0.1
2307045	Drill Core	3.05	1.16	<0.01	<0.05	0.2	102.8	1.0	23	<0.1	5.7	10.1	277	3.55	4.5	64.7	0.3	108	<0.1	0.6	<0.1
2307046	Drill Core	2.29	1.12	<0.01	0.10	0.3	351.4	1.0	31	0.2	7.0	15.3	346	4.42	5.6	85.2	0.3	100	<0.1	0.5	<0.1
2307047	Drill Core	2.71	1.28	<0.01	0.26	0.3	129.2	0.8	36	0.1	7.3	13.8	390	4.58	9.9	33.4	0.3	60	<0.1	0.4	<0.1
2307048	Rock Pulp	2.88	1.44	<0.01	0.26	147.4	1712.1	4.8	73	0.5	14.7	7.4	557	3.55	2.3	265.9	3.8	64	0.2	0.3	0.2
2307049	Drill Core	2.89	1.33	<0.01	0.45	0.4	126.2	1.4	32	0.1	7.7	15.3	330	3.98	8.7	47.8	0.3	62	<0.1	0.6	<0.1
2307050	Drill Core	2.77	1.19	<0.01	0.51	0.5	115.7	1.3	32	<0.1	8.0	18.2	341	4.29	8.6	60.0	0.3	65	<0.1	0.6	<0.1
2307051	Drill Core	2.79	1.20	<0.01	0.10	0.2	45.0	0.9	40	<0.1	11.8	13.0	428	4.11	5.1	107.0	0.4	75	<0.1	0.7	0.1
2307052	Drill Core	3.25	1.13	<0.01	0.60	0.7	289.6	1.3	40	0.2	12.5	20.0	477	3.93	7.0	76.1	0.4	50	<0.1	0.7	0.2
2307053	Drill Core	2.98	1.06	<0.01	0.10	0.3	126.0	1.0	44	0.8	7.7	11.7	513	4.62	7.1	44.7	0.3	67	<0.1	0.6	0.3
2307054	Drill Core	2.37	1.16	<0.01	<0.05	0.3	681.4	1.0	61	0.8	16.2	18.3	750	4.94	4.7	123.9	0.4	101	<0.1	0.7	0.4
2307055 Dup of 2307054	CORE DUP	2.34	1.14	<0.01	<0.05	0.3	687.9	0.8	59	0.8	15.7	18.1	724	4.86	5.0	57.5	0.3	96	<0.1	0.6	0.5
2307056	Drill Core	2.38	1.09	<0.01	0.07	0.2	180.6	1.0	49	0.1	9.6	14.7	538	4.56	5.1	34.4	0.4	72	<0.1	0.3	0.2
2307057	Drill Core	2.74	1.07	<0.01	0.31	0.5	124.4	0.9	44	0.1	7.8	17.1	516	4.19	9.0	28.0	0.3	74	<0.1	0.3	0.4
2307058	Drill Core	3.15	0.92	<0.01	0.13	0.5	1052.0	1.1	41	0.5	7.8	11.6	531	3.42	6.0	33.8	0.3	94	<0.1	0.5	0.3
2307059	Drill Core	2.02	1.02	<0.01	0.12	0.3	575.6	1.0	43	0.3	6.6	12.0	533	4.09	5.2	39.1	0.3	114	<0.1	0.6	0.3
2307060	Drill Core	2.22	1.06	<0.01	0.45	1.2	577.0	1.1	46	0.3	9.0	17.9	655	4.46	7.0	42.3	0.3	77	<0.1	0.3	0.3



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Project: 204920
 Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2307031	Drill Core	117	1.46	0.105	3	17	1.04	43	0.147	<20	2.08	0.250	0.09	0.4	<0.01	4.9	<0.1	0.17	8	<0.5	0.5
2307032	Drill Core	138	1.88	0.098	3	19	1.49	41	0.162	<20	2.41	0.241	0.08	0.5	<0.01	6.6	<0.1	0.08	9	<0.5	0.3
2307033	Rock Pulp	62	0.78	0.063	4	32	0.82	101	0.117	<20	1.64	0.099	0.15	0.3	0.02	4.5	<0.1	0.64	5	1.0	<0.2
2307034	Drill Core	115	1.47	0.099	3	17	1.19	38	0.155	<20	2.47	0.265	0.10	0.2	0.01	4.3	<0.1	0.06	9	<0.5	<0.2
2307035 Dup of 2307034	CORE DUP	115	1.49	0.095	3	17	1.19	36	0.153	<20	2.49	0.277	0.11	0.3	<0.01	3.9	<0.1	0.08	8	<0.5	<0.2
2307036	Drill Core	160	1.44	0.103	3	21	2.08	35	0.197	<20	2.84	0.229	0.10	0.4	<0.01	8.1	<0.1	<0.05	10	<0.5	<0.2
2307037	Drill Core	135	1.68	0.102	3	18	2.05	27	0.171	<20	2.37	0.144	0.08	0.6	<0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
2307038	Drill Core	144	1.78	0.107	3	21	1.35	48	0.153	<20	1.84	0.168	0.07	0.7	<0.01	6.8	<0.1	<0.05	8	<0.5	<0.2
2307039	Drill Core	126	1.06	0.113	3	18	0.98	25	0.139	<20	1.52	0.190	0.08	0.4	<0.01	3.7	<0.1	0.10	7	<0.5	<0.2
2307040	Drill Core	81	0.67	0.115	3	11	1.05	30	0.142	<20	1.25	0.118	0.06	1.1	0.01	3.2	<0.1	0.72	6	1.2	<0.2
2307041	Drill Core	141	1.04	0.113	4	18	1.89	25	0.146	<20	2.07	0.117	0.10	0.6	<0.01	10.6	<0.1	0.08	9	<0.5	<0.2
2307042	Drill Core	126	1.22	0.113	4	16	1.84	22	0.147	<20	1.81	0.101	0.06	0.5	<0.01	9.0	<0.1	0.37	9	1.1	<0.2
2307043	Rock	15	0.23	0.034	13	4	0.26	75	0.073	<20	0.57	0.075	0.30	<0.1	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
2307044	Drill Core	122	1.38	0.115	3	17	0.87	23	0.134	<20	1.58	0.200	0.07	0.3	<0.01	2.8	<0.1	0.07	6	<0.5	<0.2
2307045	Drill Core	122	1.55	0.096	3	18	1.22	29	0.160	<20	2.58	0.298	0.09	0.2	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
2307046	Drill Core	138	1.47	0.102	3	19	2.11	28	0.212	<20	3.43	0.324	0.14	0.2	<0.01	4.2	<0.1	0.10	11	<0.5	<0.2
2307047	Drill Core	147	1.14	0.101	3	18	2.29	20	0.199	<20	2.75	0.193	0.10	0.3	<0.01	7.5	<0.1	0.24	10	<0.5	0.2
2307048	Rock Pulp	54	1.09	0.075	12	22	0.62	178	0.086	<20	1.00	0.066	0.42	0.2	0.03	3.7	0.1	0.25	5	1.1	<0.2
2307049	Drill Core	118	1.22	0.103	3	16	1.64	19	0.164	<20	2.29	0.201	0.09	0.3	<0.01	4.3	<0.1	0.43	9	0.5	0.3
2307050	Drill Core	123	1.23	0.092	3	14	1.69	20	0.164	<20	2.35	0.208	0.10	0.3	<0.01	3.8	<0.1	0.48	9	0.7	0.3
2307051	Drill Core	139	1.73	0.105	4	19	1.94	19	0.190	<20	2.82	0.256	0.09	0.2	0.04	6.0	<0.1	0.09	9	<0.5	0.3
2307052	Drill Core	123	1.60	0.101	3	17	1.88	16	0.170	<20	2.23	0.151	0.07	0.5	0.01	6.1	<0.1	0.56	9	0.6	<0.2
2307053	Drill Core	145	1.79	0.102	3	20	1.62	17	0.145	<20	2.26	0.205	0.08	1.2	<0.01	7.3	<0.1	0.09	9	<0.5	<0.2
2307054	Drill Core	156	2.23	0.100	3	18	3.03	30	0.171	<20	3.91	0.270	0.10	0.4	<0.01	12.3	<0.1	<0.05	12	<0.5	<0.2
2307055 Dup of 2307054	CORE DUP	154	2.13	0.099	3	19	2.94	32	0.164	<20	3.82	0.265	0.10	0.4	<0.01	12.3	<0.1	<0.05	11	<0.5	<0.2
2307056	Drill Core	119	3.11	0.104	3	17	1.55	28	0.102	<20	2.61	0.181	0.23	0.2	<0.01	8.5	<0.1	0.07	9	<0.5	<0.2
2307057	Drill Core	133	2.66	0.096	3	17	1.95	25	0.129	<20	2.72	0.207	0.16	0.2	<0.01	10.6	<0.1	0.30	9	0.7	<0.2
2307058	Drill Core	140	3.26	0.098	3	18	1.84	30	0.129	<20	2.86	0.284	0.08	0.4	<0.01	13.3	<0.1	0.12	8	0.6	<0.2
2307059	Drill Core	129	3.54	0.079	3	17	1.42	40	0.128	<20	3.22	0.354	0.12	0.3	<0.01	9.6	<0.1	0.11	8	<0.5	<0.2
2307060	Drill Core	109	4.27	0.092	3	14	1.83	51	0.102	<20	3.06	0.190	0.20	0.4	0.02	8.1	<0.1	0.40	9	0.8	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Project: 204920

Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000408.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
		0.02	0.02	0.005
2307031	Drill Core	0.10	0.17	0.616
2307032	Drill Core	0.25	0.09	0.292
2307033	Rock Pulp	0.08	0.71	0.601
2307034	Drill Core	0.07	0.10	0.047
2307035 Dup of 2307034	CORE DUP	0.07	0.09	0.047
2307036	Drill Core	0.13	0.03	0.071
2307037	Drill Core	0.27	0.04	0.018
2307038	Drill Core	0.30	0.04	0.007
2307039	Drill Core	0.09	0.11	0.008
2307040	Drill Core	0.04	0.82	0.021
2307041	Drill Core	0.16	0.09	0.037
2307042	Drill Core	0.21	0.44	0.032
2307043	Rock	<0.02	<0.02	<0.005
2307044	Drill Core	0.12	0.08	0.080
2307045	Drill Core	0.05	0.03	0.093
2307046	Drill Core	0.03	0.11	0.104
2307047	Drill Core	0.08	0.28	0.041
2307048	Rock Pulp	0.28	0.27	0.329
2307049	Drill Core	0.07	0.47	0.052
2307050	Drill Core	0.07	0.52	0.058
2307051	Drill Core	0.17	0.12	0.095
2307052	Drill Core	0.24	0.64	0.081
2307053	Drill Core	0.28	0.11	0.053
2307054	Drill Core	0.32	<0.02	0.090
2307055 Dup of 2307054	CORE DUP	0.32	<0.02	0.093
2307056	Drill Core	0.77	0.09	0.019
2307057	Drill Core	0.62	0.35	0.037
2307058	Drill Core	0.71	0.15	0.036
2307059	Drill Core	0.75	0.14	0.049
2307060	Drill Core	1.19	0.48	0.035

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307061	Rock	4.70	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.47	<0.02	0.05	<0.001	<0.01	<0.01	1.52	0.03	<0.001	0.25	6.74
2307062	Drill Core	6.90	<0.001	0.203	<0.02	<0.01	<2	0.001	0.001	0.05	4.02	<0.02	0.02	<0.001	<0.01	<0.01	3.01	0.10	0.002	1.89	7.96
2307063	Drill Core	8.59	<0.001	0.078	<0.02	<0.01	<2	<0.001	0.001	0.05	4.21	<0.02	0.03	<0.001	<0.01	<0.01	4.01	0.10	<0.001	1.53	8.44
2307064	Drill Core	5.79	<0.001	0.055	<0.02	<0.01	<2	<0.001	0.002	0.08	4.55	<0.02	0.04	<0.001	<0.01	<0.01	4.86	0.14	0.002	1.71	8.71
2307065	Drill Core	7.04	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.003	0.10	6.05	<0.02	0.05	<0.001	<0.01	<0.01	5.16	0.16	0.002	2.22	8.67
2307066	Drill Core	6.68	<0.001	0.006	<0.02	<0.01	<2	0.003	0.003	0.11	5.91	<0.02	0.05	<0.001	<0.01	<0.01	5.11	0.19	0.005	2.83	8.70
2307067	Rock Pulp	0.14	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.21	<0.02	0.05	<0.001	<0.01	<0.01	1.89	0.06	0.002	0.53	7.54
2307068	Drill Core	7.86	<0.001	0.004	<0.02	<0.01	<2	0.006	0.003	0.12	6.01	<0.02	0.05	<0.001	<0.01	<0.01	5.67	0.18	0.007	3.49	8.73
2307069	Drill Core	3.54	<0.001	0.089	<0.02	<0.01	<2	0.002	<0.001	0.09	5.21	<0.02	0.05	<0.001	<0.01	<0.01	5.32	0.13	0.003	2.11	8.75
2307070	Drill Core	3.36	<0.001	0.092	<0.02	<0.01	<2	0.002	<0.001	0.09	5.05	<0.02	0.05	<0.001	<0.01	<0.01	5.33	0.13	0.003	2.08	8.61
2307071	Drill Core	8.46	<0.001	0.006	<0.02	<0.01	<2	0.005	0.002	0.14	6.87	<0.02	0.03	<0.001	<0.01	<0.01	7.58	0.07	0.012	4.11	8.34
2307072	Drill Core	7.86	<0.001	0.004	<0.02	<0.01	<2	0.004	0.001	0.12	5.80	<0.02	0.04	<0.001	<0.01	<0.01	6.08	0.07	0.008	2.94	8.15
2307073	Drill Core	8.13	<0.001	0.004	<0.02	<0.01	<2	0.004	0.001	0.11	5.81	<0.02	0.04	<0.001	<0.01	<0.01	5.93	0.07	0.007	2.90	8.09
2307074	Drill Core	6.71	<0.001	0.007	<0.02	<0.01	<2	0.007	0.003	0.12	6.45	<0.02	0.03	<0.001	<0.01	<0.01	7.79	0.06	0.013	4.27	8.49
2307075	Drill Core	4.51	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.92	<0.02	0.03	<0.001	<0.01	<0.01	2.89	0.09	<0.001	1.60	8.18
2307076 Dup of 2307075	CORE DUP		<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.92	<0.02	0.03	<0.001	<0.01	<0.01	2.95	0.10	<0.001	1.62	8.18
2307077	Drill Core	8.25	<0.001	0.005	<0.02	<0.01	<2	0.002	<0.001	0.12	6.11	<0.02	0.04	<0.001	<0.01	<0.01	5.86	0.14	0.004	3.10	8.25
2307078	Drill Core	7.18	<0.001	0.004	<0.02	<0.01	<2	0.002	<0.001	0.12	6.12	<0.02	0.05	<0.001	<0.01	<0.01	6.21	0.14	0.004	2.96	8.18
2307079	Drill Core	5.36	<0.001	0.006	<0.02	<0.01	<2	0.002	<0.001	0.09	4.84	<0.02	0.04	<0.001	<0.01	<0.01	4.82	0.13	0.003	2.34	8.44
2307080	Drill Core	5.45	<0.001	0.007	<0.02	<0.01	<2	0.001	<0.001	0.10	5.37	<0.02	0.05	<0.001	<0.01	<0.01	4.95	0.15	0.003	2.20	8.66
2307081	Rock	5.21	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.13	<0.02	0.04	<0.001	<0.01	<0.01	1.15	0.02	<0.001	0.18	6.30
2307082	Drill Core	5.91	<0.001	0.003	<0.02	<0.01	<2	0.001	<0.001	0.11	5.86	<0.02	0.06	<0.001	<0.01	<0.01	6.20	0.16	0.004	2.25	8.55
2307083	Drill Core	7.48	<0.001	0.004	<0.02	<0.01	<2	0.001	<0.001	0.11	5.70	<0.02	0.05	<0.001	<0.01	<0.01	5.81	0.15	0.003	2.31	8.61
2307084	Drill Core	2.79	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.56	<0.02	0.04	<0.001	<0.01	<0.01	3.38	0.10	<0.001	1.50	7.49
2307085	Drill Core	4.14	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.34	<0.02	0.06	<0.001	<0.01	<0.01	3.33	0.09	<0.001	1.25	7.47
2307086	Rock Pulp	0.22	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.07	<0.02	0.05	<0.001	<0.01	<0.01	1.76	0.06	<0.001	0.52	6.82
2307087	Drill Core	9.32	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.20	<0.02	0.05	<0.001	<0.01	<0.01	2.57	0.10	0.001	1.19	7.56
2307088	Drill Core	1.71	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.50	<0.02	0.06	<0.001	<0.01	<0.01	3.40	0.09	<0.001	1.23	7.23
2307089	Drill Core	1.63	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.59	<0.02	0.06	<0.001	<0.01	<0.01	3.59	0.09	0.001	1.19	7.66
2307090	Drill Core	6.33	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	4.44	<0.02	0.05	<0.001	<0.01	<0.01	5.83	0.09	<0.001	1.16	7.87

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307061	Rock	2.93	1.35	<0.01	<0.05	0.3	11.3	1.7	50	<0.1	1.1	2.2	285	1.28	0.6	2.8	6.1	22	<0.1	<0.1	0.1
2307062	Drill Core	3.71	1.12	<0.01	0.36	0.8	1905.7	0.5	39	0.4	7.3	11.1	481	3.45	5.1	49.6	0.3	25	<0.1	0.3	0.2
2307063	Drill Core	4.06	0.85	<0.01	0.27	0.3	742.3	0.6	36	0.2	7.5	11.9	437	3.56	5.5	38.4	0.3	36	<0.1	0.2	0.1
2307064	Drill Core	4.37	0.48	<0.01	0.13	0.8	503.1	3.1	43	0.3	7.7	13.8	557	3.09	9.5	13.5	0.5	46	0.2	0.6	<0.1
2307065	Drill Core	3.07	1.08	<0.01	<0.05	0.7	48.9	1.0	57	<0.1	8.4	19.9	651	4.23	1.2	1.2	0.5	60	<0.1	0.3	<0.1
2307066	Drill Core	2.95	1.04	<0.01	<0.05	0.3	58.3	0.9	60	<0.1	31.2	21.7	694	4.09	1.3	1.9	0.7	60	0.1	0.3	<0.1
2307067	Rock Pulp	3.00	1.37	<0.01	0.20	10.7	175.5	12.4	42	<0.1	7.8	5.4	213	1.80	2.6	1.1	3.1	45	<0.1	0.1	<0.1
2307068	Drill Core	2.65	1.11	<0.01	<0.05	0.4	37.8	0.9	67	<0.1	59.2	25.6	667	3.84	1.1	<0.5	0.5	64	<0.1	0.2	<0.1
2307069	Drill Core	3.51	0.65	<0.01	0.17	0.5	921.6	1.9	44	0.5	26.1	19.8	509	3.20	6.7	14.9	0.5	64	0.2	0.4	<0.1
2307070	Drill Core	3.67	0.69	<0.01	0.12	0.5	937.6	1.9	41	0.5	22.0	17.0	476	2.98	5.9	96.7	0.5	62	0.2	0.3	<0.1
2307071	Drill Core	1.76	0.70	<0.01	<0.05	0.4	73.1	1.4	67	<0.1	51.4	27.4	820	4.64	2.6	<0.5	0.4	116	0.1	<0.1	<0.1
2307072	Drill Core	2.10	0.91	<0.01	<0.05	0.4	47.4	1.2	58	<0.1	38.6	22.3	702	3.63	2.0	3.0	0.7	48	0.1	0.1	<0.1
2307073	Drill Core	1.84	1.03	<0.01	<0.05	0.2	53.4	1.3	58	<0.1	34.5	22.9	638	3.59	2.2	1.2	0.7	54	0.2	0.1	<0.1
2307074	Drill Core	1.50	0.47	<0.01	0.18	0.6	80.1	1.6	60	<0.1	60.1	28.4	749	4.36	4.5	3.3	0.2	160	0.1	0.1	<0.1
2307075	Drill Core	3.01	1.09	<0.01	0.83	2.3	67.7	6.0	43	<0.1	7.5	15.3	436	3.13	33.2	15.1	0.5	43	<0.1	0.7	0.1
2307076 Dup of 2307075	CORE DUP	2.97	1.00	<0.01	0.82	2.3	67.8	6.0	44	0.1	8.5	15.7	457	3.28	31.6	29.6	0.5	44	<0.1	0.7	0.1
2307077	Drill Core	2.55	0.90	<0.01	0.05	0.6	62.2	2.4	69	<0.1	20.5	23.4	879	4.68	6.1	3.9	0.4	97	0.2	0.3	<0.1
2307078	Drill Core	2.55	0.84	<0.01	<0.05	0.6	50.7	2.8	63	<0.1	20.0	22.5	724	4.16	3.4	2.6	0.4	85	0.1	0.3	<0.1
2307079	Drill Core	3.45	0.95	<0.01	<0.05	1.2	81.4	4.1	60	0.2	27.8	20.2	696	3.70	4.1	4.4	0.4	50	0.1	0.3	<0.1
2307080	Drill Core	3.38	0.99	<0.01	<0.05	1.9	81.5	6.0	76	0.2	12.3	21.7	841	4.14	4.2	1.9	0.5	72	<0.1	0.7	<0.1
2307081	Rock	2.79	1.66	<0.01	<0.05	0.5	11.8	1.7	40	<0.1	1.6	1.7	272	1.16	0.7	<0.5	6.6	23	<0.1	<0.1	<0.1
2307082	Drill Core	2.31	0.81	<0.01	<0.05	0.2	39.2	4.3	81	<0.1	16.0	23.5	870	3.96	1.5	4.0	0.5	115	<0.1	0.6	<0.1
2307083	Drill Core	2.61	0.87	<0.01	<0.05	0.3	59.3	3.6	79	<0.1	16.4	22.4	890	4.08	1.4	2.0	0.4	93	<0.1	0.7	<0.1
2307084	Drill Core	4.42	0.71	<0.01	0.21	0.6	36.7	1.8	52	0.4	6.6	15.6	617	4.27	4.6	4.0	0.6	28	<0.1	0.3	<0.1
2307085	Drill Core	4.24	0.96	<0.01	0.09	0.6	11.3	3.1	48	<0.1	5.5	9.3	467	3.98	4.6	3.8	0.6	32	<0.1	0.7	<0.1
2307086	Rock Pulp	3.00	1.44	<0.01	0.19	11.9	184.1	13.5	47	0.1	7.3	5.5	231	1.94	2.6	<0.5	3.5	48	<0.1	0.1	<0.1
2307087	Drill Core	4.80	0.94	<0.01	0.41	1.1	44.3	3.5	49	1.1	6.5	11.5	490	3.91	6.1	4.7	0.6	31	0.1	0.7	<0.1
2307088	Drill Core	3.78	0.97	<0.01	0.17	0.3	17.0	4.4	52	0.1	6.9	11.1	537	4.17	7.4	2.4	0.6	34	<0.1	0.6	<0.1
2307089	Drill Core	3.98	0.94	<0.01	0.19	0.4	17.5	5.2	52	<0.1	6.7	10.7	510	4.16	6.1	3.6	0.6	37	0.1	0.7	<0.1
2307090	Drill Core	3.54	0.97	<0.01	<0.05	1.2	13.9	4.0	66	0.2	7.1	10.4	791	3.81	5.7	1.9	0.6	47	0.2	0.4	<0.1

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2		
2307061	Rock	13	0.19	0.028	11	4	0.24	64	0.064	<20	0.52	0.065	0.29	<0.1	<0.01	1.6	0.2	<0.05	4	<0.5	<0.2
2307062	Drill Core	95	2.54	0.093	2	12	1.68	31	0.078	<20	2.01	0.064	0.14	0.3	0.01	7.6	<0.1	0.35	7	0.6	<0.2
2307063	Drill Core	117	2.72	0.102	2	11	1.41	16	0.113	<20	1.99	0.128	0.09	0.3	<0.01	6.8	<0.1	0.26	7	0.6	<0.2
2307064	Drill Core	96	2.43	0.118	6	14	1.47	20	0.195	<20	1.81	0.091	0.03	0.4	<0.01	5.5	<0.1	0.13	7	<0.5	0.2
2307065	Drill Core	83	2.03	0.146	10	16	1.94	32	0.222	<20	2.25	0.055	0.03	0.2	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
2307066	Drill Core	75	2.08	0.179	11	46	2.29	67	0.192	<20	2.33	0.071	0.05	0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
2307067	Rock Pulp	25	0.84	0.055	10	10	0.41	35	0.021	<20	0.74	0.061	0.13	0.5	<0.01	1.5	<0.1	0.20	4	<0.5	<0.2
2307068	Drill Core	69	2.16	0.171	10	60	2.78	30	0.176	<20	2.53	0.066	0.04	<0.1	<0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
2307069	Drill Core	77	1.88	0.130	5	23	1.65	21	0.195	<20	2.07	0.101	0.04	0.2	0.01	4.6	<0.1	0.15	6	0.7	<0.2
2307070	Drill Core	73	1.95	0.130	6	22	1.51	22	0.197	<20	1.90	0.095	0.03	0.2	0.01	4.2	<0.1	0.14	6	0.7	<0.2
2307071	Drill Core	121	3.39	0.065	6	52	2.44	51	0.237	<20	4.59	0.361	0.06	0.1	<0.01	2.9	<0.1	<0.05	10	<0.5	<0.2
2307072	Drill Core	77	2.05	0.069	8	60	2.20	33	0.271	<20	2.57	0.052	0.07	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
2307073	Drill Core	81	1.89	0.073	8	50	2.11	42	0.265	<20	2.55	0.076	0.07	0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
2307074	Drill Core	102	3.84	0.055	4	56	2.65	61	0.187	<20	5.34	0.451	0.05	0.1	<0.01	2.7	<0.1	0.17	9	<0.5	<0.2
2307075	Drill Core	74	1.31	0.095	2	6	1.49	39	0.142	<20	2.09	0.114	0.15	0.3	<0.01	4.8	<0.1	0.79	6	0.5	<0.2
2307076 Dup of 2307075	CORE DUP	75	1.41	0.093	2	6	1.54	39	0.146	<20	2.12	0.113	0.14	0.3	<0.01	4.6	<0.1	0.84	7	1.0	<0.2
2307077	Drill Core	121	2.86	0.151	10	33	2.37	81	0.273	<20	3.24	0.206	0.06	0.2	<0.01	5.0	<0.1	0.07	10	<0.5	<0.2
2307078	Drill Core	105	2.35	0.147	11	29	1.97	48	0.268	<20	2.72	0.141	0.07	<0.1	0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
2307079	Drill Core	89	2.53	0.142	7	35	2.15	29	0.187	<20	2.27	0.059	0.07	0.8	0.01	4.8	<0.1	0.06	7	<0.5	<0.2
2307080	Drill Core	104	2.43	0.137	8	25	2.32	48	0.253	<20	2.65	0.075	0.04	0.5	0.01	6.4	<0.1	0.06	8	<0.5	<0.2
2307081	Rock	10	0.16	0.021	10	4	0.18	54	0.054	<20	0.47	0.064	0.27	<0.1	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
2307082	Drill Core	83	2.35	0.155	10	33	2.40	29	0.263	<20	2.86	0.046	0.04	0.5	0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
2307083	Drill Core	92	2.38	0.157	10	33	2.40	22	0.251	<20	2.76	0.043	0.03	0.3	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
2307084	Drill Core	114	2.33	0.113	4	13	1.52	33	0.168	<20	1.79	0.087	0.08	1.1	<0.01	7.1	<0.1	0.24	8	<0.5	<0.2
2307085	Drill Core	113	1.74	0.096	4	9	0.90	47	0.143	<20	1.09	0.091	0.07	0.9	<0.01	5.2	<0.1	0.11	7	<0.5	<0.2
2307086	Rock Pulp	28	0.90	0.064	12	11	0.46	38	0.023	<20	0.81	0.070	0.15	0.5	<0.01	1.7	<0.1	0.20	4	<0.5	<0.2
2307087	Drill Core	113	1.53	0.097	4	9	1.04	82	0.148	<20	1.21	0.105	0.08	3.5	0.01	8.4	<0.1	0.41	8	<0.5	<0.2
2307088	Drill Core	117	1.88	0.096	4	8	1.13	53	0.143	<20	1.20	0.087	0.07	0.8	0.03	7.6	<0.1	0.18	7	<0.5	<0.2
2307089	Drill Core	119	1.96	0.097	4	11	1.00	46	0.136	<20	1.12	0.103	0.08	0.8	0.02	7.8	<0.1	0.21	6	<0.5	<0.2
2307090	Drill Core	99	4.39	0.092	5	8	1.14	72	0.081	<20	1.42	0.080	0.10	0.7	0.03	7.4	<0.1	<0.05	7	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2307061	Rock	0.03	<0.02	<0.005
2307062	Drill Core	0.76	0.40	0.060
2307063	Drill Core	0.70	0.29	0.050
2307064	Drill Core	0.53	0.14	0.014
2307065	Drill Core	0.32	<0.02	<0.005
2307066	Drill Core	0.34	<0.02	<0.005
2307067	Rock Pulp	0.19	0.21	<0.005
2307068	Drill Core	0.37	<0.02	<0.005
2307069	Drill Core	0.23	0.17	0.023
2307070	Drill Core	0.24	0.17	0.054
2307071	Drill Core	0.40	0.05	<0.005
2307072	Drill Core	0.30	0.02	<0.005
2307073	Drill Core	0.26	0.02	<0.005
2307074	Drill Core	0.45	0.21	0.005
2307075	Drill Core	0.18	0.91	0.019
2307076 Dup of 2307075	CORE DUP	0.23	0.90	0.018
2307077	Drill Core	0.52	0.09	<0.005
2307078	Drill Core	0.34	0.05	<0.005
2307079	Drill Core	0.63	0.07	0.007
2307080	Drill Core	0.50	0.07	0.006
2307081	Rock	0.02	<0.02	<0.005
2307082	Drill Core	0.42	<0.02	<0.005
2307083	Drill Core	0.47	0.03	<0.005
2307084	Drill Core	0.63	0.23	0.008
2307085	Drill Core	0.39	0.10	0.005
2307086	Rock Pulp	0.22	0.19	<0.005
2307087	Drill Core	0.38	0.40	0.007
2307088	Drill Core	0.48	0.17	0.010
2307089	Drill Core	0.50	0.19	0.005
2307090	Drill Core	1.36	0.04	<0.005

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307091	Drill Core	6.66	<0.001	0.006	<0.02	<0.01	<2	<0.001	<0.001	0.06	3.42	<0.02	0.04	<0.001	<0.01	<0.01	4.15	0.09	<0.001	0.74	6.87
2307092	Drill Core	7.01	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.86	<0.02	0.04	<0.001	<0.01	<0.01	3.67	0.09	<0.001	0.96	7.12
2307093	Drill Core	7.81	<0.001	0.007	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.56	<0.02	0.03	<0.001	<0.01	<0.01	3.64	0.09	0.001	1.15	7.06
2307094	Drill Core	4.06	<0.001	0.037	<0.02	<0.01	<2	0.018	0.002	0.09	4.48	<0.02	0.03	<0.001	<0.01	<0.01	6.57	0.11	0.027	2.41	7.45
2307095	Drill Core	8.28	<0.001	0.005	<0.02	<0.01	<2	0.002	<0.001	0.09	5.23	<0.02	0.05	<0.001	<0.01	<0.01	4.12	0.12	0.004	2.58	8.64
2307096	Drill Core	6.60	<0.001	0.006	<0.02	<0.01	<2	0.004	0.002	0.14	6.84	<0.02	0.03	<0.001	<0.01	<0.01	7.77	0.06	0.013	3.75	8.66
2307097	Drill Core	7.49	<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.83	<0.02	0.02	<0.001	<0.01	<0.01	3.24	0.09	<0.001	0.72	5.08
2307098 Dup of 2307097	CORE DUP		<0.001	0.011	<0.02	<0.01	<2	<0.001	<0.001	0.05	1.74	<0.02	0.02	<0.001	<0.01	<0.01	3.21	0.08	<0.001	0.66	4.22
2307099	Drill Core	7.86	0.002	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	2.21	<0.02	0.02	<0.001	<0.01	<0.01	4.41	0.09	<0.001	0.79	6.22
2307100	Drill Core	4.28	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.25	<0.02	0.04	<0.001	<0.01	<0.01	3.97	0.11	0.001	1.51	7.98
2307101	Drill Core	7.78	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.91	<0.02	0.02	<0.001	<0.01	<0.01	3.96	0.11	<0.001	1.71	7.53
2307102	Drill Core	7.31	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.01	<0.02	0.01	<0.001	<0.01	<0.01	4.06	0.09	<0.001	1.41	7.33
2307103	Drill Core	6.96	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	5.92	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.11	<0.001	2.22	8.19
2307104	Drill Core	7.14	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.64	<0.02	0.03	<0.001	<0.01	<0.01	2.48	0.09	<0.001	1.69	7.56
2307105	Drill Core	8.30	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.93	<0.02	0.03	<0.001	<0.01	<0.01	2.65	0.10	0.001	1.72	7.25
2307106	Drill Core	7.90	<0.001	<0.001	<0.02	<0.01	<2	<0.001	0.001	0.05	3.63	<0.02	0.02	<0.001	<0.01	<0.01	3.37	0.09	<0.001	1.23	6.28
2307107	Rock	5.51	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.38	0.03	<0.001	0.23	5.98
2307108	Drill Core	8.40	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.06	<0.02	0.03	<0.001	<0.01	<0.01	3.38	0.09	<0.001	1.26	6.83
2307109	Rock Pulp	0.22	0.003	0.073	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.27	<0.02	0.05	<0.001	<0.01	<0.01	2.01	0.06	<0.001	0.63	6.43
2307110	Drill Core	8.42	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.18	<0.02	0.02	<0.001	<0.01	<0.01	3.18	0.09	<0.001	0.82	6.42
2307111	Drill Core	4.05	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.79	<0.02	0.03	<0.001	<0.01	<0.01	3.48	0.09	<0.001	0.96	6.19
2307112	Drill Core	3.86	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.86	<0.02	0.02	<0.001	<0.01	<0.01	3.73	0.09	<0.001	1.03	6.53
2307113	Drill Core	7.51	<0.001	0.003	<0.02	<0.01	<2	<0.001	<0.001	0.04	3.78	<0.02	0.03	<0.001	<0.01	<0.01	3.18	0.10	<0.001	0.79	7.67
2307114	Drill Core	7.91	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.05	4.28	<0.02	0.04	<0.001	<0.01	<0.01	3.11	0.10	<0.001	1.71	8.44
2307115	Drill Core	6.72	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.70	<0.02	0.05	<0.001	<0.01	<0.01	4.06	0.11	0.001	1.69	8.65
2307116	Drill Core	9.51	<0.001	0.004	<0.02	<0.01	<2	0.005	0.001	0.11	5.98	<0.02	0.06	<0.001	<0.01	<0.01	5.63	0.16	0.006	3.28	8.99
2307117	Drill Core	8.60	<0.001	0.003	<0.02	<0.01	<2	0.004	0.001	0.13	5.94	<0.02	0.06	<0.001	<0.01	<0.01	5.40	0.16	0.005	3.25	9.04
2307118	Drill Core	3.11	<0.001	0.006	<0.02	<0.01	<2	0.004	0.002	0.14	5.88	<0.02	0.04	<0.001	<0.01	<0.01	7.19	0.05	0.015	3.31	10.10
2307119	Drill Core	7.87	<0.001	0.004	<0.02	<0.01	<2	0.002	<0.001	0.06	4.60	<0.02	0.03	<0.001	<0.01	<0.01	1.66	0.09	0.004	2.19	8.17
2307120 Dup of 2307119	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	0.002	0.001	0.06	4.65	<0.02	0.03	<0.001	<0.01	<0.01	1.80	0.09	0.005	2.25	8.49

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307091	Drill Core	4.67	0.91	<0.01	0.70	0.5	69.1	1.5	42	<0.1	6.2	12.4	556	3.06	5.7	3.0	0.5	34	<0.1	0.3	<0.1
2307092	Drill Core	4.22	0.97	<0.01	0.72	1.7	61.9	1.5	45	<0.1	7.8	14.1	503	3.44	8.2	5.2	0.6	40	<0.1	0.2	0.1
2307093	Drill Core	4.38	0.97	<0.01	1.02	0.8	90.0	2.5	31	<0.1	10.3	16.1	547	3.23	14.8	9.4	0.5	44	<0.1	0.3	0.2
2307094	Drill Core	3.37	0.77	<0.01	0.89	3.1	390.1	3.7	70	1.8	166.3	28.4	904	4.23	15.5	77.7	0.7	104	0.1	0.2	0.7
2307095	Drill Core	3.65	0.90	<0.01	0.07	0.7	65.5	10.5	98	0.2	21.1	19.3	831	4.57	3.1	<0.5	0.6	68	1.8	0.5	0.1
2307096	Drill Core	1.90	0.77	<0.01	0.08	0.3	67.4	5.4	42	0.1	33.8	25.8	624	4.30	4.6	1.8	0.1	135	0.5	0.5	<0.1
2307097	Drill Core	5.80	0.43	<0.01	0.35	4.9	125.2	5.4	26	0.1	10.8	15.4	523	1.91	16.3	4.0	0.5	39	<0.1	0.5	0.2
2307098 Dup of 2307097	CORE DUP	5.90	0.35	<0.01	0.35	4.5	133.6	5.6	25	0.1	11.4	15.7	529	1.90	17.5	5.5	0.5	39	<0.1	0.6	0.2
2307099	Drill Core	5.76	0.53	<0.01	0.91	19.2	36.1	2.8	24	0.2	6.2	13.0	472	2.23	17.3	14.2	0.5	53	<0.1	0.2	0.2
2307100	Drill Core	3.81	0.94	<0.01	0.95	1.2	150.6	2.8	36	0.5	7.9	17.0	471	3.55	15.4	31.6	0.5	64	<0.1	0.4	0.2
2307101	Drill Core	3.54	0.93	<0.01	0.35	1.0	31.3	2.1	43	0.8	7.1	17.1	721	4.34	9.6	9.0	0.5	52	<0.1	0.2	<0.1
2307102	Drill Core	4.05	0.91	<0.01	0.97	0.6	6.7	1.9	34	0.2	6.0	12.9	634	3.45	16.1	7.1	0.4	53	<0.1	0.1	<0.1
2307103	Drill Core	3.37	0.85	<0.01	0.41	0.4	19.2	2.7	65	<0.1	9.2	19.1	803	5.30	8.2	5.7	0.5	75	<0.1	0.2	<0.1
2307104	Drill Core	4.39	0.83	<0.01	0.34	0.4	14.2	0.8	49	<0.1	5.7	14.3	549	4.25	5.2	3.7	0.4	30	<0.1	<0.1	<0.1
2307105	Drill Core	4.27	1.06	<0.01	0.84	1.1	12.2	1.6	43	1.1	7.1	15.5	503	3.49	10.6	4.2	0.4	33	<0.1	0.1	0.2
2307106	Drill Core	4.33	0.92	<0.01	1.84	0.8	9.0	2.2	31	0.1	4.2	20.9	439	3.24	10.3	6.1	0.4	51	<0.1	0.1	0.3
2307107	Rock	2.95	1.31	<0.01	<0.05	1.0	11.4	1.7	50	<0.1	1.2	2.2	297	1.35	0.5	<0.5	6.2	20	<0.1	<0.1	<0.1
2307108	Drill Core	4.61	0.83	<0.01	1.18	0.4	10.0	1.7	30	0.2	4.4	15.5	449	2.86	10.2	3.6	0.4	51	<0.1	0.1	0.2
2307109	Rock Pulp	3.21	1.00	<0.01	0.23	38.6	712.1	20.9	50	0.4	8.4	8.9	233	2.19	3.3	0.9	3.0	51	0.3	<0.1	0.3
2307110	Drill Core	5.71	0.65	<0.01	1.36	1.1	18.1	2.0	27	<0.1	6.1	17.2	411	3.04	14.7	3.3	0.4	33	<0.1	0.2	0.3
2307111	Drill Core	4.98	0.71	<0.01	1.08	0.8	29.9	1.1	33	<0.1	6.1	19.6	456	3.61	10.0	3.0	0.5	39	<0.1	0.1	0.2
2307112	Drill Core	4.85	0.80	<0.01	0.92	0.5	27.3	1.1	35	<0.1	5.8	17.2	474	3.52	8.2	3.8	0.5	41	<0.1	<0.1	0.2
2307113	Drill Core	5.41	0.65	<0.01	0.92	0.6	37.2	1.0	27	<0.1	6.3	15.3	345	3.42	6.1	4.0	0.4	29	<0.1	0.1	0.1
2307114	Drill Core	4.22	0.70	<0.01	0.60	1.5	17.2	1.4	44	<0.1	6.9	13.7	407	3.69	6.3	5.8	0.4	33	<0.1	0.2	<0.1
2307115	Drill Core	4.08	0.65	<0.01	0.70	0.7	31.2	5.0	42	<0.1	7.7	18.2	456	3.30	9.9	2.8	0.4	54	0.1	0.5	<0.1
2307116	Drill Core	2.80	1.12	<0.01	<0.05	0.6	44.0	1.2	73	<0.1	44.5	25.8	797	4.06	1.3	<0.5	0.4	63	<0.1	0.3	<0.1
2307117	Drill Core	3.20	0.87	<0.01	<0.05	0.8	33.8	1.2	66	<0.1	40.1	24.1	735	3.95	1.6	<0.5	0.4	71	<0.1	0.3	<0.1
2307118	Drill Core	1.91	1.01	<0.01	<0.05	0.2	66.1	2.5	42	<0.1	27.2	21.5	617	3.47	1.8	<0.5	0.1	112	<0.1	0.2	<0.1
2307119	Drill Core	4.00	0.84	<0.01	0.28	1.2	48.3	3.8	53	<0.1	17.1	20.3	496	4.19	6.3	2.7	0.4	25	<0.1	0.2	<0.1
2307120 Dup of 2307119	CORE DUP	4.01	0.86	<0.01	0.29	1.0	46.6	4.0	50	<0.1	19.5	20.8	498	4.18	6.4	<0.5	0.4	25	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
2307091	Drill Core	76	3.33	0.087	5	7	0.75	50	0.016	<20	1.05	0.080	0.11	0.2	0.02	5.7	<0.1	0.70	5	0.8	<0.2
2307092	Drill Core	68	3.08	0.096	5	6	0.97	98	0.008	<20	1.34	0.064	0.14	0.1	0.01	5.3	<0.1	0.75	5	<0.5	<0.2
2307093	Drill Core	69	3.22	0.096	4	7	1.16	66	0.005	<20	1.50	0.074	0.15	0.1	0.02	6.7	<0.1	1.00	6	1.3	<0.2
2307094	Drill Core	95	6.31	0.115	5	250	2.46	231	0.008	<20	2.50	0.040	0.11	0.2	0.02	8.3	0.1	0.88	9	0.7	2.4
2307095	Drill Core	133	2.86	0.125	9	48	2.55	205	0.152	<20	2.70	0.084	0.08	0.4	0.02	8.3	<0.1	0.09	11	<0.5	<0.2
2307096	Drill Core	97	2.69	0.061	4	27	1.84	34	0.244	<20	3.61	0.373	0.12	<0.1	0.02	3.4	<0.1	0.11	8	<0.5	<0.2
2307097	Drill Core	89	3.17	0.096	4	8	0.84	13	0.017	<20	1.00	0.109	0.04	0.1	<0.01	7.1	<0.1	0.37	5	<0.5	<0.2
2307098 Dup of 2307097	CORE DUP	89	3.22	0.101	4	9	0.84	12	0.016	<20	0.99	0.108	0.04	0.1	<0.01	7.0	<0.1	0.39	5	<0.5	<0.2
2307099	Drill Core	80	4.22	0.096	5	9	0.84	160	0.012	<20	0.94	0.078	0.05	0.2	0.02	6.1	<0.1	0.93	6	0.5	<0.2
2307100	Drill Core	98	2.65	0.099	5	14	1.25	37	0.097	<20	1.96	0.154	0.10	0.9	0.02	6.0	<0.1	0.84	7	<0.5	0.3
2307101	Drill Core	99	3.45	0.097	8	8	1.64	109	0.014	<20	2.16	0.072	0.16	0.7	0.01	6.6	<0.1	0.32	9	<0.5	<0.2
2307102	Drill Core	59	3.73	0.089	6	6	1.30	68	0.008	<20	1.63	0.053	0.15	0.2	0.02	4.6	<0.1	0.88	7	<0.5	0.3
2307103	Drill Core	141	3.57	0.109	7	11	2.21	361	0.033	<20	2.64	0.056	0.14	<0.1	0.02	8.8	<0.1	0.37	11	<0.5	<0.2
2307104	Drill Core	88	2.09	0.093	5	9	1.63	52	0.017	<20	2.00	0.064	0.11	<0.1	<0.01	6.1	<0.1	0.26	9	<0.5	<0.2
2307105	Drill Core	76	2.23	0.095	5	12	1.61	67	0.012	<20	1.78	0.058	0.12	1.0	<0.01	5.7	<0.1	0.81	8	<0.5	0.3
2307106	Drill Core	73	2.90	0.085	4	7	1.20	76	0.006	<20	1.40	0.080	0.12	<0.1	<0.01	5.9	<0.1	1.66	6	0.6	0.3
2307107	Rock	13	0.19	0.031	12	6	0.25	70	0.072	<20	0.52	0.064	0.28	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2307108	Drill Core	85	2.90	0.095	5	7	1.25	156	0.009	<20	1.37	0.077	0.11	0.1	<0.01	6.5	<0.1	1.08	6	<0.5	0.2
2307109	Rock Pulp	39	0.63	0.063	8	12	0.60	54	0.044	<20	0.87	0.073	0.16	1.1	<0.01	2.2	<0.1	0.25	4	<0.5	<0.2
2307110	Drill Core	86	2.92	0.095	4	7	0.86	19	0.014	<20	1.13	0.075	0.08	0.2	<0.01	6.9	<0.1	1.36	6	1.1	<0.2
2307111	Drill Core	94	3.06	0.093	5	8	1.01	43	0.017	<20	1.40	0.094	0.10	0.1	<0.01	6.4	<0.1	1.05	8	0.7	<0.2
2307112	Drill Core	92	3.16	0.094	5	7	1.03	23	0.016	<20	1.39	0.073	0.11	0.1	<0.01	6.0	<0.1	0.90	7	<0.5	<0.2
2307113	Drill Core	86	2.43	0.098	3	9	0.78	21	0.038	<20	1.10	0.093	0.08	0.2	<0.01	4.9	<0.1	0.94	6	<0.5	<0.2
2307114	Drill Core	97	1.66	0.087	3	9	1.64	15	0.138	<20	1.75	0.095	0.08	0.4	<0.01	5.1	<0.1	0.55	8	<0.5	0.2
2307115	Drill Core	78	1.58	0.094	3	13	1.49	20	0.157	<20	1.72	0.116	0.06	0.4	<0.01	4.7	<0.1	0.63	6	0.6	<0.2
2307116	Drill Core	74	2.28	0.149	10	54	2.89	39	0.165	<20	2.65	0.062	0.05	0.2	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
2307117	Drill Core	79	2.27	0.148	9	51	2.63	35	0.167	<20	2.54	0.087	0.06	0.2	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
2307118	Drill Core	101	3.51	0.046	2	102	1.84	51	0.195	<20	3.48	0.331	0.19	0.2	<0.01	9.7	<0.1	<0.05	7	<0.5	<0.2
2307119	Drill Core	122	0.92	0.082	4	48	2.07	16	0.158	<20	2.09	0.093	0.11	0.8	<0.01	8.8	<0.1	0.28	8	<0.5	<0.2
2307120 Dup of 2307119	CORE DUP	122	0.95	0.084	4	51	2.09	16	0.156	<20	2.09	0.095	0.11	0.6	<0.01	8.7	<0.1	0.28	8	<0.5	<0.2



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Project: 204920
 Report Date: November 25, 2013

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Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2307091	Drill Core	1.03	0.73	<0.005
2307092	Drill Core	0.94	0.72	0.009
2307093	Drill Core	1.03	1.02	0.014
2307094	Drill Core	2.02	0.88	0.077
2307095	Drill Core	0.79	0.08	0.006
2307096	Drill Core	0.36	0.10	<0.005
2307097	Drill Core	0.96	0.37	0.006
2307098 Dup of 2307097	CORE DUP	0.98	0.39	0.008
2307099	Drill Core	1.26	0.88	0.015
2307100	Drill Core	0.67	0.89	0.038
2307101	Drill Core	1.11	0.33	0.010
2307102	Drill Core	1.19	0.85	0.010
2307103	Drill Core	1.12	0.41	0.008
2307104	Drill Core	0.68	0.27	0.006
2307105	Drill Core	0.72	0.78	0.009
2307106	Drill Core	0.97	1.72	0.009
2307107	Rock	<0.02	<0.02	<0.005
2307108	Drill Core	0.94	1.04	0.008
2307109	Rock Pulp	0.14	0.24	<0.005
2307110	Drill Core	0.90	1.32	0.008
2307111	Drill Core	0.96	1.04	0.008
2307112	Drill Core	0.99	0.90	0.007
2307113	Drill Core	0.73	0.88	0.011
2307114	Drill Core	0.44	0.55	0.008
2307115	Drill Core	0.35	0.66	0.006
2307116	Drill Core	0.54	<0.02	<0.005
2307117	Drill Core	0.54	<0.02	<0.005
2307118	Drill Core	0.80	0.03	<0.005
2307119	Drill Core	0.22	0.30	0.005
2307120 Dup of 2307119	CORE DUP	0.24	0.30	<0.005

CERTIFICATE OF ANALYSIS

SMI13000408.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307121	Drill Core	8.70	<0.001	0.005	<0.02	<0.01	<2	0.005	0.002	0.12	6.42	<0.02	0.03	<0.001	<0.01	<0.01	5.04	0.07	0.011	3.62	8.39
2307122	Drill Core	8.62	<0.001	0.004	<0.02	<0.01	<2	0.004	0.001	0.12	5.67	<0.02	0.04	<0.001	<0.01	<0.01	5.45	0.07	0.007	2.95	8.33
2307123	Drill Core	8.59	<0.001	0.004	<0.02	<0.01	<2	0.003	0.001	0.12	5.64	<0.02	0.04	<0.001	<0.01	<0.01	5.61	0.07	0.008	2.85	8.27
2307124	Rock	5.11	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.42	0.03	<0.001	0.22	6.73
2307125	Drill Core	8.04	<0.001	0.004	<0.02	<0.01	<2	0.003	0.001	0.12	5.85	<0.02	0.04	<0.001	<0.01	<0.01	5.50	0.07	0.007	2.85	8.28
2307126	Rock Pulp	0.12	<0.001	0.016	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.07	<0.02	0.05	<0.001	<0.01	<0.01	1.77	0.06	<0.001	0.51	6.88
2307127	Drill Core	4.16	<0.001	0.007	<0.02	<0.01	<2	0.006	0.002	0.15	7.10	<0.02	0.03	<0.001	<0.01	<0.01	8.12	0.06	0.013	4.49	8.31
2307128	Drill Core	5.06	<0.001	0.007	<0.02	<0.01	<2	0.006	0.002	0.15	7.22	<0.02	0.03	<0.001	<0.01	<0.01	8.09	0.06	0.014	4.55	8.44
2307129	Drill Core	3.35	<0.001	0.004	<0.02	<0.01	<2	0.002	0.001	0.12	5.82	<0.02	0.04	<0.001	<0.01	<0.01	5.74	0.14	0.006	2.80	8.58
2307130	Drill Core	9.82	<0.001	0.006	<0.02	<0.01	<2	0.004	0.002	0.14	6.64	<0.02	0.03	<0.001	<0.01	<0.01	8.23	0.06	0.015	3.67	9.27
2307131	Drill Core	6.31	<0.001	0.006	<0.02	<0.01	<2	0.004	0.002	0.13	6.67	<0.02	0.03	<0.001	<0.01	<0.01	8.33	0.06	0.014	3.67	9.42
2307132	Drill Core	11.33	<0.001	0.006	<0.02	<0.01	<2	0.004	0.002	0.13	6.60	<0.02	0.03	<0.001	<0.01	<0.01	8.64	0.06	0.014	3.69	9.59



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Project: 204920
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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307121	Drill Core	1.74	1.03	<0.01	0.06	0.7	59.7	3.0	73	<0.1	47.2	32.9	951	4.93	3.0	<0.5	0.4	60	0.2	0.2	<0.1
2307122	Drill Core	2.33	1.05	<0.01	0.05	0.7	48.3	2.2	66	<0.1	34.2	28.1	834	3.91	3.1	<0.5	0.6	41	0.4	0.1	<0.1
2307123	Drill Core	2.41	0.94	<0.01	0.06	1.0	41.5	2.9	68	<0.1	35.0	26.0	876	4.12	1.9	<0.5	0.6	57	0.2	0.2	<0.1
2307124	Rock	2.99	1.36	<0.01	<0.05	0.3	9.8	1.9	48	<0.1	1.3	2.2	284	1.31	1.0	<0.5	6.6	21	<0.1	<0.1	<0.1
2307125	Drill Core	2.21	0.96	<0.01	0.10	1.0	47.6	2.5	63	<0.1	32.5	26.0	733	4.03	6.9	6.0	0.6	61	<0.1	0.3	<0.1
2307126	Rock Pulp	3.05	1.20	<0.01	0.19	11.6	170.5	12.2	43	0.1	7.7	5.7	212	1.77	3.1	<0.5	2.9	42	0.2	0.1	0.1
2307127	Drill Core	1.58	0.49	<0.01	<0.05	0.4	68.1	2.0	71	<0.1	49.7	29.0	833	4.66	3.0	<0.5	0.2	124	<0.1	0.1	<0.1
2307128	Drill Core	1.60	0.47	<0.01	<0.05	0.4	69.1	1.9	69	<0.1	50.2	29.7	845	4.80	4.3	<0.5	0.2	128	<0.1	0.2	<0.1
2307129	Drill Core	3.90	0.57	<0.01	0.05	0.8	51.0	2.9	55	<0.1	18.0	22.4	604	3.27	5.3	<0.5	0.3	50	0.1	0.3	<0.1
2307130	Drill Core	2.10	0.35	<0.01	0.08	0.6	61.4	2.7	46	<0.1	28.0	23.7	451	3.79	5.8	<0.5	<0.1	117	0.1	0.2	<0.1
2307131	Drill Core	1.90	0.33	<0.01	0.06	0.3	63.6	1.8	55	<0.1	29.6	24.5	496	4.10	3.8	<0.5	<0.1	116	<0.1	0.2	<0.1
2307132	Drill Core	1.78	0.34	<0.01	<0.05	0.3	62.6	1.6	50	<0.1	30.4	23.1	513	3.80	3.0	<0.5	<0.1	131	<0.1	0.2	<0.1

CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307121	Drill Core	134	2.91	0.055	6	104	2.91	38	0.235	<20	3.02	0.057	0.18	0.2	<0.01	11.8	<0.1	0.08	8	<0.5	<0.2
2307122	Drill Core	88	2.55	0.062	7	75	2.47	22	0.213	<20	2.44	0.040	0.06	0.1	<0.01	7.5	<0.1	0.08	8	<0.5	<0.2
2307123	Drill Core	92	2.98	0.062	9	76	2.41	27	0.212	<20	2.49	0.044	0.07	0.1	<0.01	9.1	<0.1	0.09	8	<0.5	<0.2
2307124	Rock	12	0.20	0.028	12	7	0.23	61	0.064	<20	0.52	0.070	0.26	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
2307125	Drill Core	96	2.43	0.069	8	49	2.10	31	0.253	<20	2.48	0.070	0.09	0.2	<0.01	5.8	<0.1	0.13	8	<0.5	<0.2
2307126	Rock Pulp	25	0.82	0.054	11	11	0.41	35	0.021	<20	0.71	0.064	0.14	0.6	<0.01	1.5	<0.1	0.19	4	<0.5	<0.2
2307127	Drill Core	119	3.53	0.054	4	77	2.51	30	0.222	<20	4.55	0.342	0.07	<0.1	<0.01	3.1	<0.1	0.07	9	<0.5	<0.2
2307128	Drill Core	122	3.57	0.055	4	79	2.57	30	0.236	<20	4.66	0.356	0.07	<0.1	<0.01	3.5	<0.1	0.08	9	<0.5	<0.2
2307129	Drill Core	88	2.47	0.119	7	47	1.77	14	0.205	<20	2.05	0.106	0.03	0.2	<0.01	3.3	<0.1	0.07	7	<0.5	<0.2
2307130	Drill Core	94	3.09	0.054	3	38	1.56	23	0.191	<20	4.58	0.472	0.06	<0.1	<0.01	2.8	<0.1	0.11	8	<0.5	<0.2
2307131	Drill Core	97	3.17	0.055	4	36	1.64	23	0.189	<20	4.86	0.487	0.06	<0.1	<0.01	2.7	<0.1	0.10	9	<0.5	<0.2
2307132	Drill Core	91	3.22	0.052	3	30	1.53	24	0.213	<20	5.06	0.515	0.07	<0.1	<0.01	2.5	<0.1	0.08	8	<0.5	<0.2

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Project: 204920

Report Date: November 25, 2013

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Part: 4 of 4

CERTIFICATE OF ANALYSIS

SMI13000408.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2307121	Drill Core	0.87	0.09	<0.005
2307122	Drill Core	0.74	0.08	<0.005
2307123	Drill Core	0.88	0.09	<0.005
2307124	Rock	0.03	<0.02	<0.005
2307125	Drill Core	0.61	0.12	<0.005
2307126	Rock Pulp	0.22	0.20	<0.005
2307127	Drill Core	0.65	0.07	<0.005
2307128	Drill Core	0.62	0.07	<0.005
2307129	Drill Core	0.60	0.08	<0.005
2307130	Drill Core	0.31	0.13	<0.005
2307131	Drill Core	0.26	0.10	<0.005
2307132	Drill Core	0.25	0.09	<0.005

QUALITY CONTROL REPORT

SMI13000408.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
2307015	Drill Core	7.39	<0.001	0.004	<0.02	<0.01	<2	<0.001	0.002	0.09	4.91	<0.02	0.06	<0.001	<0.01	<0.01	4.16	0.11	0.003	2.44	8.86
REP 2307015	QC																				
2307022	Drill Core	5.41	<0.001	0.125	<0.02	<0.01	<2	<0.001	0.001	0.07	2.74	<0.02	0.06	<0.001	<0.01	<0.01	4.09	0.11	0.001	2.55	9.05
REP 2307022	QC		<0.001	0.123	<0.02	<0.01	<2	0.002	0.001	0.07	2.71	<0.02	0.05	<0.001	<0.01	<0.01	4.04	0.11	0.002	2.52	8.85
2307029	Drill Core	3.17	<0.001	0.070	<0.02	<0.01	<2	<0.001	0.002	0.06	4.18	<0.02	0.05	<0.001	<0.01	<0.01	4.02	0.11	0.002	1.99	8.36
REP 2307029	QC																				
2307050	Drill Core	3.66	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.003	0.08	5.72	<0.02	0.04	<0.001	<0.01	<0.01	3.74	0.11	0.001	2.79	8.86
REP 2307050	QC																				
2307057	Drill Core	8.08	<0.001	0.012	<0.02	<0.01	<2	<0.001	0.002	0.06	4.96	<0.02	0.04	<0.001	<0.01	<0.01	4.29	0.11	0.002	2.29	8.92
REP 2307057	QC		<0.001	0.013	<0.02	<0.01	<2	0.001	0.002	0.06	5.06	<0.02	0.04	<0.001	<0.01	<0.01	4.33	0.11	0.002	2.33	8.99
2307059	Drill Core	5.32	<0.001	0.063	<0.02	<0.01	<2	0.001	0.002	0.08	5.11	<0.02	0.04	<0.001	<0.01	<0.01	5.53	0.10	0.002	1.88	8.07
REP 2307059	QC																				
REP 2307065	QC																				
2307085	Drill Core	4.14	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	4.34	<0.02	0.06	<0.001	<0.01	<0.01	3.33	0.09	<0.001	1.25	7.47
REP 2307085	QC																				
2307092	Drill Core	7.01	<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.86	<0.02	0.04	<0.001	<0.01	<0.01	3.67	0.09	<0.001	0.96	7.12
REP 2307092	QC		<0.001	0.005	<0.02	<0.01	<2	<0.001	<0.001	0.05	3.91	<0.02	0.04	<0.001	<0.01	<0.01	3.64	0.09	0.001	0.98	7.34
2307100	Drill Core	4.28	<0.001	0.014	<0.02	<0.01	<2	<0.001	<0.001	0.06	4.25	<0.02	0.04	<0.001	<0.01	<0.01	3.97	0.11	0.001	1.51	7.98
REP 2307100	QC																				
REP 2307103	QC																				
2307120 Dup of 2307119	CORE DUP		<0.001	0.004	<0.02	<0.01	<2	0.002	0.001	0.06	4.65	<0.02	0.03	<0.001	<0.01	<0.01	1.80	0.09	0.005	2.25	8.49
REP 2307120 Dup of	QC																				
2307124	Rock	5.11	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.42	<0.02	0.05	<0.001	<0.01	<0.01	1.42	0.03	<0.001	0.22	6.73
REP 2307124	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.41	<0.02	0.05	<0.001	<0.01	<0.01	1.42	0.03	<0.001	0.23	6.76
REP 2307027	QC																				
Core Reject Duplicates																					
2307027	Drill Core	5.86	<0.001	0.133	<0.02	<0.01	<2	0.002	0.001	0.07	3.32	<0.02	0.04	<0.001	<0.01	<0.01	3.48	0.11	0.002	2.35	8.75
DUP 2307027	QC		<0.001	0.141	<0.02	<0.01	<2	0.002	0.001	0.07	3.38	<0.02	0.04	<0.001	<0.01	<0.01	3.43	0.10	0.004	2.33	8.41

QUALITY CONTROL REPORT

SMI13000408.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2307015	Drill Core	3.80	0.72	<0.01	<0.05	0.2	47.0	1.0	27	<0.1	5.6	10.4	320	3.56	4.5	1.4	0.5	86	0.1	0.6	<0.1
REP 2307015	QC					0.2	43.1	0.9	25	<0.1	5.1	10.8	318	3.54	4.5	<0.5	0.4	84	<0.1	0.5	<0.1
2307022	Drill Core	5.09	0.52	<0.01	0.13	0.7	1243.8	2.2	26	0.6	4.6	4.4	281	1.43	5.8	8.9	0.4	37	0.1	0.5	0.2
REP 2307022	QC	5.03	0.52	<0.01	0.13																
2307029	Drill Core	4.24	0.66	<0.01	0.22	1.3	704.0	2.0	21	0.4	3.8	10.3	182	2.61	6.7	47.7	0.3	67	0.1	0.7	0.5
REP 2307029	QC																				
2307050	Drill Core	2.77	1.19	<0.01	0.51	0.5	115.7	1.3	32	<0.1	8.0	18.2	341	4.29	8.6	60.0	0.3	65	<0.1	0.6	<0.1
REP 2307050	QC					0.3	119.8	1.4	33	0.1	7.4	18.4	336	4.24	8.6	41.7	0.3	67	<0.1	0.6	0.1
2307057	Drill Core	2.74	1.07	<0.01	0.31	0.5	124.4	0.9	44	0.1	7.8	17.1	516	4.19	9.0	28.0	0.3	74	<0.1	0.3	0.4
REP 2307057	QC	2.75	1.10	<0.01	0.32																
2307059	Drill Core	2.02	1.02	<0.01	0.12	0.3	575.6	1.0	43	0.3	6.6	12.0	533	4.09	5.2	39.1	0.3	114	<0.1	0.6	0.3
REP 2307059	QC																				
REP 2307065	QC																				
2307085	Drill Core	4.24	0.96	<0.01	0.09	0.6	11.3	3.1	48	<0.1	5.5	9.3	467	3.98	4.6	3.8	0.6	32	<0.1	0.7	<0.1
REP 2307085	QC					0.6	11.5	3.0	49	<0.1	5.0	9.3	475	4.02	5.2	4.2	0.6	31	<0.1	0.8	<0.1
2307092	Drill Core	4.22	0.97	<0.01	0.72	1.7	61.9	1.5	45	<0.1	7.8	14.1	503	3.44	8.2	5.2	0.6	40	<0.1	0.2	0.1
REP 2307092	QC	4.17	1.02	<0.01	0.72																
2307100	Drill Core	3.81	0.94	<0.01	0.95	1.2	150.6	2.8	36	0.5	7.9	17.0	471	3.55	15.4	31.6	0.5	64	<0.1	0.4	0.2
REP 2307100	QC																				
REP 2307103	QC																				
2307120 Dup of 2307119	CORE DUP	4.01	0.86	<0.01	0.29	1.0	46.6	4.0	50	<0.1	19.5	20.8	498	4.18	6.4	<0.5	0.4	25	<0.1	0.2	<0.1
REP 2307120 Dup of	QC					1.2	46.3	3.9	52	<0.1	19.2	21.1	506	4.26	6.5	0.6	0.4	25	<0.1	0.2	<0.1
2307124	Rock	2.99	1.36	<0.01	<0.05	0.3	9.8	1.9	48	<0.1	1.3	2.2	284	1.31	1.0	<0.5	6.6	21	<0.1	<0.1	<0.1
REP 2307124	QC	2.96	1.34	<0.01	<0.05																
REP 2307027	QC																				
Core Reject Duplicates																					
2307027	Drill Core	4.71	0.78	<0.01	0.86	0.8	1364.7	2.5	51	0.6	6.9	9.4	490	2.59	9.5	16.8	0.3	34	0.2	0.5	0.9
DUP 2307027	QC	4.68	0.77	<0.01	0.93	1.0	1460.4	2.9	56	0.7	7.2	9.5	490	2.67	10.3	25.5	0.4	35	0.2	0.5	1.0

QUALITY CONTROL REPORT

SMI13000408.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2307015 Drill Core	115	1.18	0.105	3	19	1.19	36	0.176	<20	1.87	0.232	0.08	0.3	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2	
REP 2307015 QC	114	1.17	0.098	3	19	1.19	36	0.169	<20	1.88	0.238	0.08	0.4	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2	
2307022 Drill Core	76	1.35	0.106	3	10	1.06	22	0.173	<20	1.35	0.152	0.06	4.5	<0.01	3.9	<0.1	0.13	6	<0.5	<0.2	
REP 2307022 QC																					
2307029 Drill Core	91	1.03	0.100	3	15	0.57	45	0.167	<20	1.34	0.214	0.08	0.4	<0.01	2.9	<0.1	0.23	5	<0.5	0.2	
REP 2307029 QC																					
2307050 Drill Core	123	1.23	0.092	3	14	1.69	20	0.164	<20	2.35	0.208	0.10	0.3	<0.01	3.8	<0.1	0.48	9	0.7	0.3	
REP 2307050 QC	117	1.21	0.099	3	15	1.69	19	0.159	<20	2.35	0.208	0.09	0.3	<0.01	4.1	<0.1	0.48	9	<0.5	0.3	
2307057 Drill Core	133	2.66	0.096	3	17	1.95	25	0.129	<20	2.72	0.207	0.16	0.2	<0.01	10.6	<0.1	0.30	9	0.7	<0.2	
REP 2307057 QC																					
2307059 Drill Core	129	3.54	0.079	3	17	1.42	40	0.128	<20	3.22	0.354	0.12	0.3	<0.01	9.6	<0.1	0.11	8	<0.5	<0.2	
REP 2307059 QC																					
REP 2307065 QC																					
2307085 Drill Core	113	1.74	0.096	4	9	0.90	47	0.143	<20	1.09	0.091	0.07	0.9	<0.01	5.2	<0.1	0.11	7	<0.5	<0.2	
REP 2307085 QC	113	1.71	0.101	4	9	0.90	46	0.160	<20	1.10	0.089	0.07	0.9	0.01	5.2	<0.1	0.11	7	<0.5	<0.2	
2307092 Drill Core	68	3.08	0.096	5	6	0.97	98	0.008	<20	1.34	0.064	0.14	0.1	0.01	5.3	<0.1	0.75	5	<0.5	<0.2	
REP 2307092 QC																					
2307100 Drill Core	98	2.65	0.099	5	14	1.25	37	0.097	<20	1.96	0.154	0.10	0.9	0.02	6.0	<0.1	0.84	7	<0.5	0.3	
REP 2307100 QC																					
REP 2307103 QC																					
2307120 Dup of 2307119 CORE DUP	122	0.95	0.084	4	51	2.09	16	0.156	<20	2.09	0.095	0.11	0.6	<0.01	8.7	<0.1	0.28	8	<0.5	<0.2	
REP 2307120 Dup of QC	122	0.98	0.084	4	51	2.13	16	0.154	<20	2.12	0.098	0.11	0.6	<0.01	8.6	<0.1	0.29	8	<0.5	<0.2	
2307124 Rock	12	0.20	0.028	12	7	0.23	61	0.064	<20	0.52	0.070	0.26	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2	
REP 2307124 QC																					
REP 2307027 QC																					
Core Reject Duplicates																					
2307027 Drill Core	104	1.98	0.107	2	15	1.59	36	0.146	<20	1.46	0.124	0.07	0.8	<0.01	9.3	<0.1	0.86	7	1.1	0.3	
DUP 2307027 QC	106	1.93	0.112	3	16	1.59	40	0.158	<20	1.46	0.123	0.08	0.9	<0.01	9.5	<0.1	0.94	7	1.5	0.5	

QUALITY CONTROL REPORT

SMI13000408.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
2307015	Drill Core	0.04	0.03 <0.005
REP 2307015	QC		
2307022	Drill Core	0.14	0.12 0.018
REP 2307022	QC		
2307029	Drill Core	0.02	0.25 0.052
REP 2307029	QC	0.02	0.25
2307050	Drill Core	0.07	0.52 0.058
REP 2307050	QC		
2307057	Drill Core	0.62	0.35 0.037
REP 2307057	QC		
2307059	Drill Core	0.75	0.14 0.049
REP 2307059	QC		0.051
REP 2307065	QC	0.32	<0.02
2307085	Drill Core	0.39	0.10 0.005
REP 2307085	QC		
2307092	Drill Core	0.94	0.72 0.009
REP 2307092	QC		
2307100	Drill Core	0.67	0.89 0.038
REP 2307100	QC	0.68	0.86
REP 2307103	QC		0.007
2307120 Dup of 2307119	CORE DUP	0.24	0.30 <0.005
REP 2307120 Dup of	QC		
2307124	Rock	0.03	<0.02 <0.005
REP 2307124	QC		
REP 2307027	QC		0.023
Core Reject Duplicates			
2307027	Drill Core	0.46	0.96 0.020
DUP 2307027	QC	0.42	1.03 0.024



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Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

SMI13000408.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
2307065	Drill Core	7.04	<0.001	0.005	<0.02	<0.01	<2	<0.001	0.003	0.10	6.05	<0.02	0.05	<0.001	<0.01	<0.01	5.16	0.16	0.002	2.22	8.67
DUP 2307065	QC		<0.001	0.005	<0.02	<0.01	<2	<0.001	0.003	0.10	6.04	<0.02	0.05	<0.001	<0.01	<0.01	5.15	0.16	0.001	2.22	8.56
2307103	Drill Core	6.96	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	5.92	<0.02	0.03	<0.001	<0.01	<0.01	4.16	0.11	<0.001	2.22	8.19
DUP 2307103	QC		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	5.99	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.11	0.001	2.26	8.39
Reference Materials																					
STD CDN-ME-14	Standard		0.001	1.250	0.49	3.12	45	0.002	0.018	0.09	17.96	<0.02	<0.01	0.009	<0.01	0.01	0.74	0.02	0.002	1.30	4.30
STD CDN-ME-9	Standard		<0.001	0.666	<0.02	0.01	3	0.917	0.018	0.12	13.79	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.07	0.028	4.00	6.69
STD CDN-ME-14	Standard		0.002	1.230	0.49	3.05	43	0.002	0.017	0.09	17.59	<0.02	<0.01	0.009	<0.01	0.01	0.74	0.02	0.002	1.28	4.43
STD CDN-ME-9	Standard		<0.001	0.685	<0.02	0.01	3	0.946	0.019	0.13	14.12	<0.02	0.03	<0.001	<0.01	<0.01	4.30	0.07	0.032	4.12	6.91
STD CDN-ME-14	Standard		0.001	1.267	0.50	3.18	43	0.002	0.017	0.09	17.77	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.01	0.001	1.27	4.48
STD CDN-ME-9	Standard		<0.001	0.656	<0.02	<0.01	3	0.898	0.016	0.12	13.73	<0.02	0.03	<0.001	<0.01	<0.01	4.26	0.06	0.029	4.12	6.73
STD CDN-ME-14	Standard		0.001	1.253	0.50	3.17	43	0.002	0.017	0.09	17.46	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.02	0.001	1.23	4.15
STD CDN-ME-9	Standard		<0.001	0.641	<0.02	<0.01	2	0.887	0.016	0.12	13.70	<0.02	0.03	<0.001	<0.01	<0.01	4.20	0.06	0.028	4.06	6.55
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				

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 PHONE (604) 253-3158

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 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 25, 2013

Page: 2 of 4

Part: 2 of 4

QUALITY CONTROL REPORT

SMI13000408.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
2307065	Drill Core	3.07	1.08	<0.01	<0.05	0.7	48.9	1.0	57	<0.1	8.4	19.9	651	4.23	1.2	1.2	0.5	60	<0.1	0.3	<0.1
DUP 2307065	QC	3.04	1.12	<0.01	<0.05	0.7	50.2	1.0	57	<0.1	8.6	21.7	662	4.35	1.3	3.2	0.5	60	<0.1	0.3	<0.1
2307103	Drill Core	3.37	0.85	<0.01	0.41	0.4	19.2	2.7	65	<0.1	9.2	19.1	803	5.30	8.2	5.7	0.5	75	<0.1	0.2	<0.1
DUP 2307103	QC	3.45	0.99	<0.01	0.43	0.4	18.2	2.6	64	0.1	9.2	19.0	811	5.39	7.6	5.2	0.5	78	<0.1	0.2	<0.1
Reference Materials																					
STD CDN-ME-14	Standard	0.54	1.47	<0.01	16.01																
STD CDN-ME-9	Standard	1.91	0.63	<0.01	2.36																
STD CDN-ME-14	Standard	0.53	1.69	<0.01	15.45																
STD CDN-ME-9	Standard	1.95	0.66	<0.01	2.42																
STD CDN-ME-14	Standard	0.53	1.71	<0.01	16.17																
STD CDN-ME-9	Standard	1.88	0.62	<0.01	2.47																
STD CDN-ME-14	Standard	0.52	1.41	<0.01	15.64																
STD CDN-ME-9	Standard	1.85	0.72	<0.01	2.34																
STD DS10	Standard					12.1	161.3	158.3	364	1.9	74.5	12.8	863	2.70	45.3	88.6	6.9	69	2.8	8.8	11.8
STD DS10	Standard					11.6	156.6	143.0	357	1.9	76.9	12.2	802	2.56	46.8	121.8	7.0	59	2.7	7.8	10.0
STD DS10	Standard					12.1	163.7	166.1	378	2.3	83.2	13.3	878	2.64	48.5	83.4	7.8	67	2.9	7.9	11.0
STD DS10	Standard					11.2	153.9	136.2	343	2.0	74.0	13.0	861	2.57	45.5	93.2	6.2	59	2.5	6.5	10.9
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.5	653.7	14.9	29	0.2	363.7	48.9	393	20.72	9.3	45.5	10.5	4	<0.1	0.3	0.3
STD OREAS45EA	Standard					1.3	624.9	13.4	29	0.3	334.1	46.8	360	22.54	9.2	59.0	9.4	3	<0.1	0.3	0.2

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Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

SMI13000408.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2307065	Drill Core	83	2.03	0.146	10	16	1.94	32	0.222	<20	2.25	0.055	0.03	0.2	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
DUP 2307065	QC	86	2.05	0.144	10	17	1.95	32	0.218	<20	2.25	0.060	0.03	0.1	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
2307103	Drill Core	141	3.57	0.109	7	11	2.21	361	0.033	<20	2.64	0.056	0.14	<0.1	0.02	8.8	<0.1	0.37	11	<0.5	<0.2
DUP 2307103	QC	144	3.61	0.105	6	11	2.24	357	0.033	<20	2.66	0.059	0.14	<0.1	0.01	9.2	<0.1	0.41	11	0.6	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	44	1.04	0.080	15	59	0.77	368	0.073	<20	0.97	0.062	0.32	3.8	0.30	2.7	5.1	0.29	4	2.3	5.4
STD DS10	Standard	41	1.00	0.074	15	50	0.72	348	0.062	<20	0.93	0.060	0.31	3.8	0.29	2.4	4.7	0.28	4	2.3	5.1
STD DS10	Standard	43	1.03	0.078	17	53	0.77	392	0.077	<20	0.99	0.064	0.32	3.1	0.31	2.7	5.1	0.27	4	2.5	5.1
STD DS10	Standard	41	1.00	0.073	14	54	0.73	351	0.066	<20	0.94	0.061	0.32	2.8	0.25	2.6	4.5	0.27	4	1.7	4.8
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	292	0.03	0.027	6	816	0.09	150	0.092	<20	2.99	0.021	0.05	<0.1	<0.01	76.6	<0.1	<0.05	12	0.8	<0.2
STD OREAS45EA	Standard	273	0.04	0.027	6	776	0.09	133	0.082	<20	2.88	0.021	0.05	<0.1	<0.01	72.1	<0.1	<0.05	11	0.7	<0.2

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QUALITY CONTROL REPORT

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		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
2307065	Drill Core	0.32	<0.02	<0.005
DUP 2307065	QC	0.34	<0.02	<0.005
2307103	Drill Core	1.12	0.41	0.008
DUP 2307103	QC	1.14	0.41	0.008
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD GS311-1	Standard	0.98	2.40	
STD GS311-1	Standard	0.98	2.41	
STD GS311-1	Standard	0.99	2.46	
STD GS311-1	Standard	0.98	2.21	
STD GS311-1	Standard	1.00	2.33	
STD GS910-4	Standard	2.64	8.23	
STD GS910-4	Standard	2.65	8.25	
STD GS910-4	Standard	2.62	8.35	
STD GS910-4	Standard	2.58	8.17	
STD GS910-4	Standard	2.59	8.15	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			



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Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	0.04
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

QUALITY CONTROL REPORT

SMI13000408.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OREAS45EA	Standard					1.2	664.2	14.2	32	0.2	367.7	48.9	366	22.47	10.0	52.4	10.7	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.5	612.9	13.0	28	0.3	338.7	51.0	356	22.45	8.1	42.7	8.9	3	<0.1	0.3	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD CDN-ME-14 Expected		0.52	1.5		16																	
STD CDN-ME-9 Expected		1.82	0.63		2.547																	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
BLK	Blank					<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

QUALITY CONTROL REPORT

SMI13000408.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OREAS45EA	Standard	293	0.04	0.029	7	846	0.09	145	0.085	<20	3.04	0.020	0.05	<0.1	0.02	78.1	<0.1	<0.05	12	0.6	<0.2
STD OREAS45EA	Standard	277	0.03	0.026	6	830	0.08	137	0.088	<20	2.81	0.019	0.05	<0.1	<0.01	67.0	<0.1	<0.05	11	0.9	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
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QUALITY CONTROL REPORT

SMI13000408.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.209
STD OXC109	Standard			0.201
STD OXC109	Standard			0.202
STD OXI96	Standard			2.018
STD OXI96	Standard			1.806
STD OXI96	Standard			1.874
STD OXL93	Standard			5.955
STD OXL93	Standard			5.779
STD DS10 Expected				
STD OREAS45EA Expected				
STD CDN-ME-14 Expected				
STD CDN-ME-9 Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841
STD GS311-1 Expected		1.02	2.35	
STD GS910-4 Expected		2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 25, 2013

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Part: 1 of 4

QUALITY CONTROL REPORT

SMI13000408.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.32	<0.02	0.07	<0.001	<0.01	<0.01	2.32	0.07	0.003	0.66	6.27	
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.36	<0.02	0.07	<0.001	<0.01	<0.01	2.13	0.07	0.001	0.60	6.11	



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QUALITY CONTROL REPORT

SMI13000408.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.61	1.39	<0.01	<0.05	0.2	2.1	2.7	47	<0.1	4.1	4.4	554	1.98	<0.5	2.2	4.6	50	<0.1	<0.1	0.2	
G1-SMI	Prep Blank	2.62	1.38	<0.01	<0.05	0.2	1.8	2.7	47	<0.1	4.0	4.3	551	1.97	<0.5	<0.5	4.8	53	<0.1	<0.1	0.2	



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Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

SMI13000408.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	36	0.50	0.071	8	10	0.62	232	0.117	<20	0.91	0.080	0.49	<0.1	<0.01	2.3	0.3	<0.05	4	<0.5	<0.2
G1-SMI	Prep Blank	36	0.39	0.076	8	11	0.54	234	0.125	<20	0.97	0.094	0.50	<0.1	<0.01	2.5	0.3	<0.05	4	<0.5	<0.2



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Project: 204920
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Part: 4 of 4

QUALITY CONTROL REPORT

SMI13000408.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.07	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	<0.005



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Submitted By: Michael Buchanan and Rupa Mukherjee
Receiving Lab: Canada-Smithers
Received: October 28, 2013
Report Date: December 03, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

SMI13000409.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_017
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	10	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
7TD2	11	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	11	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	11	Analysis by Leco	0.1	Completed	VAN
G6	11	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: 204920

Report Date: December 03, 2013

Page: 2 of 2

Part: 1 of 4

CERTIFICATE OF ANALYSIS

SMI13000409.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2302951	Drill Core	2.54	<0.001	0.003	<0.02	0.01	<2	0.002	0.001	0.13	6.64	<0.02	0.01	<0.001	<0.01	<0.01	4.54	0.16	0.004	2.79	8.37
2302952	Drill Core	3.44	<0.001	0.007	<0.02	<0.01	<2	0.002	0.001	0.13	6.46	<0.02	0.02	<0.001	<0.01	<0.01	4.22	0.15	0.003	2.60	8.11
2302953	Drill Core	2.94	<0.001	0.005	<0.02	<0.01	<2	0.002	0.001	0.11	6.44	<0.02	0.02	<0.001	<0.01	<0.01	3.83	0.14	0.003	2.66	8.30
2302954	Drill Core	3.25	<0.001	0.011	<0.02	<0.01	<2	0.001	0.001	0.12	6.83	<0.02	0.03	<0.001	<0.01	<0.01	4.78	0.11	0.003	3.04	8.61
2302955	Drill Core	2.99	<0.001	0.035	<0.02	<0.01	<2	0.001	0.001	0.12	6.68	<0.02	0.03	<0.001	<0.01	<0.01	5.00	0.11	0.004	2.96	8.54
2302956	Drill Core	5.83	<0.001	0.008	<0.02	<0.01	<2	0.001	<0.001	0.13	5.95	<0.02	0.02	<0.001	<0.01	<0.01	5.98	0.10	0.003	2.60	7.77
2302957	Drill Core	6.87	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.001	0.12	6.33	<0.02	0.04	<0.001	<0.01	<0.01	4.90	0.10	0.003	2.80	7.99
2302958	Rock	5.75	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.36	<0.02	0.05	<0.001	<0.01	<0.01	1.34	0.02	<0.001	0.21	5.82
2302959	Drill Core	4.56	<0.001	<0.001	<0.02	<0.01	<2	0.001	0.001	0.13	6.14	<0.02	0.04	<0.001	<0.01	<0.01	4.89	0.10	0.003	2.67	7.87
2302960	Drill Core	7.70	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.13	6.44	<0.02	0.04	<0.001	<0.01	<0.01	5.49	0.10	0.003	2.71	8.03
2302961	Rock Pulp	0.17	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.16	<0.02	0.05	<0.001	<0.01	<0.01	1.87	0.06	<0.001	0.53	7.67



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Project: 204920
 Report Date: December 03, 2013

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CERTIFICATE OF ANALYSIS

SMI13000409.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2302951	Drill Core	2.44	0.80	<0.01	<0.05	0.9	36.8	2.5	100	0.2	16.6	24.4	1147	5.09	1.1	1.5	0.4	45	<0.1	0.3	<0.1
2302952	Drill Core	3.11	0.71	<0.01	<0.05	1.1	69.4	2.2	92	<0.1	16.9	24.1	1223	5.30	1.0	<0.5	0.4	46	0.1	0.3	<0.1
2302953	Drill Core	2.89	0.92	<0.01	<0.05	0.9	54.5	2.1	86	0.1	16.8	24.3	1055	5.09	1.0	<0.5	0.5	38	0.1	0.3	<0.1
2302954	Drill Core	1.91	1.16	<0.01	<0.05	0.6	114.8	3.2	80	<0.1	14.2	24.0	1016	4.73	2.1	0.7	0.4	48	<0.1	0.5	<0.1
2302955	Drill Core	1.97	0.86	<0.01	<0.05	0.8	338.4	3.3	83	<0.1	14.7	23.0	1034	4.68	1.8	1.6	0.3	51	<0.1	0.6	<0.1
2302956	Drill Core	1.86	0.87	<0.01	<0.05	3.2	81.9	2.6	68	<0.1	13.0	19.5	1202	4.25	2.2	1.4	0.3	43	0.1	0.4	<0.1
2302957	Drill Core	2.57	0.76	<0.01	<0.05	0.4	4.3	1.6	70	<0.1	12.9	21.2	920	4.71	3.1	<0.5	0.3	49	<0.1	0.4	<0.1
2302958	Rock	2.83	1.42	<0.01	<0.05	0.3	10.9	1.6	47	<0.1	1.0	2.0	318	1.37	<0.5	<0.5	6.2	20	<0.1	<0.1	<0.1
2302959	Drill Core	2.99	0.52	<0.01	<0.05	0.4	12.0	1.8	66	<0.1	11.5	21.5	1008	4.61	3.4	<0.5	0.3	52	<0.1	0.5	<0.1
2302960	Drill Core	2.43	0.48	<0.01	<0.05	0.4	139.9	2.2	72	0.1	12.8	21.6	942	4.24	2.8	1.3	0.3	56	<0.1	0.5	<0.1
2302961	Rock Pulp	3.00	1.67	<0.01	0.20	12.1	173.8	11.4	44	0.1	7.3	5.6	218	1.81	2.3	<0.5	3.0	46	0.1	0.1	0.1

CERTIFICATE OF ANALYSIS

SMI13000409.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2302951	Drill Core	137	3.83	0.139	13	33	2.55	155	0.012	<20	3.10	0.024	0.16	<0.1	<0.01	13.1	<0.1	<0.05	10	<0.5	<0.2
2302952	Drill Core	135	3.83	0.141	12	31	2.56	272	0.014	<20	2.90	0.034	0.13	<0.1	<0.01	13.9	<0.1	<0.05	10	<0.5	<0.2
2302953	Drill Core	121	3.34	0.124	9	30	2.61	276	0.018	<20	2.77	0.042	0.16	<0.1	<0.01	13.6	<0.1	<0.05	10	<0.5	<0.2
2302954	Drill Core	117	3.35	0.100	4	29	2.89	172	0.051	<20	2.71	0.031	0.19	<0.1	<0.01	14.4	<0.1	<0.05	8	<0.5	<0.2
2302955	Drill Core	117	3.61	0.092	4	30	2.79	171	0.046	<20	2.67	0.034	0.20	<0.1	<0.01	14.4	<0.1	<0.05	8	<0.5	<0.2
2302956	Drill Core	116	4.70	0.086	5	27	2.57	143	0.040	<20	2.83	0.045	0.15	<0.1	<0.01	13.4	<0.1	<0.05	8	<0.5	<0.2
2302957	Drill Core	148	2.63	0.086	2	32	2.74	126	0.166	<20	2.55	0.118	0.08	<0.1	<0.01	15.3	<0.1	<0.05	8	<0.5	<0.2
2302958	Rock	13	0.20	0.031	11	8	0.18	71	0.064	<20	0.59	0.093	0.33	<0.1	<0.01	1.7	0.1	<0.05	4	<0.5	<0.2
2302959	Drill Core	151	2.77	0.088	3	31	2.70	174	0.172	<20	2.40	0.092	0.05	<0.1	<0.01	16.5	<0.1	<0.05	9	<0.5	<0.2
2302960	Drill Core	126	2.47	0.092	2	31	2.68	184	0.157	<20	2.57	0.068	0.07	<0.1	<0.01	13.0	<0.1	<0.05	8	<0.5	<0.2
2302961	Rock Pulp	25	0.84	0.057	11	11	0.43	34	0.024	<20	0.77	0.065	0.14	0.4	<0.01	1.7	<0.1	0.19	4	<0.5	<0.2

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Project: 204920

Report Date: December 03, 2013

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CERTIFICATE OF ANALYSIS

SMI13000409.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte	%	%	ppm
	Unit			
	MDL	0.02	0.02	0.005
2302951	Drill Core	1.24	<0.02	<0.005
2302952	Drill Core	1.18	<0.02	<0.005
2302953	Drill Core	1.01	<0.02	<0.005
2302954	Drill Core	1.02	<0.02	<0.005
2302955	Drill Core	1.11	<0.02	<0.005
2302956	Drill Core	1.44	<0.02	<0.005
2302957	Drill Core	0.66	<0.02	<0.005
2302958	Rock	0.02	<0.02	<0.005
2302959	Drill Core	0.69	<0.02	<0.005
2302960	Drill Core	0.58	<0.02	<0.005
2302961	Rock Pulp	0.19	0.11	<0.005

QUALITY CONTROL REPORT

SMI13000409.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
REP G1-SMI	QC																				
2302951	Drill Core	2.54	<0.001	0.003	<0.02	0.01	<2	0.002	0.001	0.13	6.64	<0.02	0.01	<0.001	<0.01	<0.01	4.54	0.16	0.004	2.79	8.37
REP 2302951	QC																				
2302960	Drill Core	7.70	<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.13	6.44	<0.02	0.04	<0.001	<0.01	<0.01	5.49	0.10	0.003	2.71	8.03
REP 2302960	QC		<0.001	0.014	<0.02	<0.01	<2	0.001	0.001	0.13	6.38	<0.02	0.04	<0.001	<0.01	<0.01	5.46	0.10	0.003	2.70	7.97
2302961	Rock Pulp	0.17	<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.02	2.16	<0.02	0.05	<0.001	<0.01	<0.01	1.87	0.06	<0.001	0.53	7.67
REP 2302961	QC																				
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.249	0.49	3.20	46	0.002	0.017	0.09	18.21	<0.02	<0.01	0.010	<0.01	<0.01	0.74	0.01	0.002	1.23	4.19
STD CDN-ME-9	Standard		<0.001	0.635	<0.02	0.01	4	0.890	0.016	0.12	13.67	<0.02	0.03	<0.001	<0.01	<0.01	4.09	0.06	0.027	3.85	6.48
STD CDN-ME-14	Standard		0.001	1.261	0.48	3.13	45	0.002	0.017	0.09	17.91	<0.02	<0.01	0.009	<0.01	0.01	0.75	0.02	0.003	1.26	4.36
STD CDN-ME-9	Standard		<0.001	0.657	<0.02	<0.01	4	0.931	0.016	0.12	13.66	<0.02	0.03	<0.001	<0.01	<0.01	4.15	0.07	0.030	3.95	6.63
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					



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Project: 204920
 Report Date: December 03, 2013

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QUALITY CONTROL REPORT

SMI13000409.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																					
REP G1-SMI	QC																				
2302951	Drill Core	2.44	0.80	<0.01	<0.05	0.9	36.8	2.5	100	0.2	16.6	24.4	1147	5.09	1.1	1.5	0.4	45	<0.1	0.3	<0.1
REP 2302951	QC																				
2302960	Drill Core	2.43	0.48	<0.01	<0.05	0.4	139.9	2.2	72	0.1	12.8	21.6	942	4.24	2.8	1.3	0.3	56	<0.1	0.5	<0.1
REP 2302960	QC	2.42	0.47	<0.01	<0.05																
2302961	Rock Pulp	3.00	1.67	<0.01	0.20	12.1	173.8	11.4	44	0.1	7.3	5.6	218	1.81	2.3	<0.5	3.0	46	0.1	0.1	0.1
REP 2302961	QC																				
Reference Materials																					
STD CDN-ME-14	Standard	0.51	1.55	<0.01	16.52																
STD CDN-ME-9	Standard	1.74	0.62	<0.01	2.55																
STD CDN-ME-14	Standard	0.53	2.05	<0.01	16.56																
STD CDN-ME-9	Standard	1.85	0.62	<0.01	2.60																
STD DS10	Standard					12.8	148.2	140.2	353	1.9	71.1	12.1	814	2.52	45.5	121.5	5.9	47	2.5	5.8	8.5
STD DS10	Standard					12.2	148.1	138.1	333	1.6	72.6	12.8	840	2.55	42.4	194.1	6.5	60	2.2	7.0	9.5
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.2	621.2	10.2	25	0.2	345.5	42.7	376	19.47	6.8	48.6	7.9	3	<0.1	0.1	0.2
STD OREAS45EA	Standard					1.5	640.9	12.4	24	0.2	354.2	50.5	361	21.29	8.9	38.8	9.2	3	<0.1	0.3	0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					

QUALITY CONTROL REPORT

SMI13000409.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
REP G1-SMI	QC																				
2302951	Drill Core	137	3.83	0.139	13	33	2.55	155	0.012	<20	3.10	0.024	0.16	<0.1	<0.01	13.1	<0.1	<0.05	10	<0.5	<0.2
REP 2302951	QC																				
2302960	Drill Core	126	2.47	0.092	2	31	2.68	184	0.157	<20	2.57	0.068	0.07	<0.1	<0.01	13.0	<0.1	<0.05	8	<0.5	<0.2
REP 2302960	QC																				
2302961	Rock Pulp	25	0.84	0.057	11	11	0.43	34	0.024	<20	0.77	0.065	0.14	0.4	<0.01	1.7	<0.1	0.19	4	<0.5	<0.2
REP 2302961	QC																				
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	40	0.98	0.069	13	49	0.72	350	0.062	<20	0.92	0.058	0.30	2.6	0.29	2.7	4.4	0.27	4	2.1	4.0
STD DS10	Standard	40	1.00	0.072	15	54	0.73	348	0.074	<20	0.97	0.063	0.31	2.9	0.23	2.8	4.4	0.26	4	2.0	4.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	278	0.03	0.027	5	911	0.06	126	0.074	<20	2.82	0.019	0.05	<0.1	<0.01	69.1	<0.1	<0.05	11	<0.5	<0.2
STD OREAS45EA	Standard	282	0.04	0.026	6	758	0.09	124	0.084	<20	2.93	0.018	0.05	<0.1	<0.01	66.3	0.1	<0.05	10	0.5	<0.2
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXC109 Expected																					
STD OXI96 Expected																					

QUALITY CONTROL REPORT

SMI13000409.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
REP G1-SMI	QC		<0.005
2302951	Drill Core	1.24 <0.02	<0.005
REP 2302951	QC	1.24 <0.02	
2302960	Drill Core	0.58 <0.02	<0.005
REP 2302960	QC		
2302961	Rock Pulp	0.19 0.11	<0.005
REP 2302961	QC		0.009
Reference Materials			
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD DS10	Standard		
STD DS10	Standard		
STD GS311-1	Standard	1.00 2.33	
STD GS311-1	Standard	1.00 2.21	
STD GS910-4	Standard	2.59 8.15	
STD GS910-4	Standard	2.71 7.83	
STD OREAS45EA	Standard		
STD OREAS45EA	Standard		
STD OXC109	Standard		0.202
STD OXC109	Standard		0.188
STD OXI96	Standard		1.874
STD OXI96	Standard		1.736
STD OXL93	Standard		5.779
STD OXL93	Standard		5.563
STD OXC109 Expected			0.201
STD OXI96 Expected			1.802



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Project: 204920
 Report Date: December 03, 2013

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QUALITY CONTROL REPORT

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	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD OXL93 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.44	<0.02	0.07	<0.001	<0.01	<0.01	2.21	0.08	0.001	0.63	7.01	
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.44	<0.02	0.07	<0.001	<0.01	<0.01	2.17	0.07	0.001	0.61	5.98	
G1-SMI	Prep Blank																				



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Project: 204920
 Report Date: December 03, 2013

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QUALITY CONTROL REPORT

SMI13000409.1

	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD OXL93 Expected																					
STD DS10 Expected					14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected					1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD CDN-ME-14 Expected	0.52	1.5		16																	
STD CDN-ME-9 Expected	1.82	0.63		2.547																	
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK Blank					<0.1	0.3	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank																					
BLK Blank					<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	
BLK Blank	<0.01	<0.01	<0.01	<0.05																	
BLK Blank																					
BLK Blank	<0.01	<0.01	<0.01	<0.05																	
BLK Blank																					
Prep Wash																					
G1-SMI Prep Blank	2.53	1.22	<0.01	<0.05	0.2	2.9	2.2	47	<0.1	3.7	4.1	558	2.01	<0.5	1.7	4.9	43	<0.1	<0.1	<0.1	
G1-SMI Prep Blank	2.58	1.41	<0.01	<0.05	0.2	2.6	2.4	48	<0.1	4.4	4.1	563	2.02	<0.5	1.1	4.6	45	<0.1	<0.1	<0.1	
G1-SMI Prep Blank																					



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Project: 204920
 Report Date: December 03, 2013

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QUALITY CONTROL REPORT

SMI13000409.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXL93 Expected																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	36	0.45	0.074	9	10	0.56	228	0.116	<20	0.98	0.099	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	35	0.44	0.077	8	11	0.57	211	0.114	<20	0.98	0.094	0.49	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank																				

QUALITY CONTROL REPORT

SMI13000409.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD OXL93	Expected			5.841
STD DS10	Expected			
STD OREAS45EA	Expected			
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank			
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	<0.02	<0.02	<0.005
G1-SMI	Prep Blank	<0.02	<0.02	
G1-SMI	Prep Blank			<0.005

CERTIFICATE OF ANALYSIS

SMI13000410.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_018
P.O. Number
Number of Samples: 140

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	133	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	5	Split samples by riffle splitter			SMI
P200	5	Pulverize to 85% passing 200 mesh			VAN
7TD2	140	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	140	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	140	Analysis by Leco	0.1	Completed	VAN
G6	140	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307501	Drill Core	7.02	0.005	0.218	<0.02	<0.01	<2	0.010	0.003	0.13	8.10	<0.02	0.03	<0.001	<0.01	<0.01	6.39	0.12	0.030	6.29	6.07
2307502	Drill Core	7.35	0.002	0.043	<0.02	<0.01	<2	0.010	0.003	0.14	7.86	<0.02	0.03	<0.001	<0.01	<0.01	7.86	0.12	0.028	6.13	6.03
2307503	Drill Core	3.79	0.002	0.077	<0.02	<0.01	<2	0.010	0.003	0.15	7.98	<0.02	0.03	<0.001	<0.01	<0.01	7.29	0.12	0.028	6.35	6.01
2307504	Drill Core	3.76	<0.001	0.061	<0.02	<0.01	<2	0.010	0.004	0.15	8.05	<0.02	0.02	<0.001	<0.01	<0.01	7.16	0.12	0.028	6.51	5.93
2307505	Drill Core	8.77	<0.001	0.025	<0.02	<0.01	<2	0.010	0.004	0.15	8.19	<0.02	0.03	<0.001	<0.01	<0.01	6.97	0.12	0.028	6.45	5.96
2307506	Drill Core	8.21	<0.001	0.044	<0.02	<0.01	<2	0.010	0.004	0.15	8.26	<0.02	0.03	<0.001	<0.01	<0.01	6.92	0.12	0.029	6.38	5.95
2307507 Dup of 2307506	CORE DUP	<0.001	0.041	<0.02	<0.01	<2	0.010	0.004	0.15	8.18	<0.02	0.03	<0.001	<0.01	<0.01	6.73	0.12	0.030	6.49	6.11	
2307508	Drill Core	9.54	0.020	0.337	<0.02	<0.01	3	0.010	0.004	0.15	8.10	<0.02	0.03	<0.001	<0.01	<0.01	7.80	0.12	0.031	6.20	5.94
2307509	Drill Core	8.61	0.002	0.055	<0.02	<0.01	<2	0.009	0.003	0.14	7.60	<0.02	0.03	<0.001	<0.01	<0.01	7.73	0.11	0.029	5.89	5.83
2307510	Drill Core	7.95	0.004	0.475	<0.02	<0.01	2	0.010	0.003	0.13	8.35	<0.02	0.03	<0.001	<0.01	<0.01	6.85	0.11	0.030	6.09	5.74
2307511	Drill Core	9.18	0.002	0.066	<0.02	<0.01	<2	0.010	0.003	0.15	7.73	<0.02	0.03	<0.001	<0.01	<0.01	7.03	0.12	0.029	6.33	5.98
2307512	Drill Core	8.50	0.001	0.073	<0.02	<0.01	<2	0.010	0.003	0.14	7.29	<0.02	0.03	<0.001	<0.01	<0.01	7.44	0.12	0.027	6.21	5.81
2307513	Rock Pulp	0.17	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.45	<0.02	0.05	<0.001	<0.01	<0.01	2.06	0.07	<0.001	0.68	6.71
2307514	Drill Core	10.79	<0.001	0.022	<0.02	<0.01	<2	0.010	0.004	0.14	8.08	<0.02	0.03	<0.001	<0.01	<0.01	7.23	0.12	0.028	6.34	5.91
2307515	Drill Core	9.83	<0.001	0.009	<0.02	<0.01	<2	0.010	0.003	0.14	8.14	<0.02	0.04	<0.001	<0.01	<0.01	7.14	0.12	0.031	6.58	6.01
2307516	Rock	4.79	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.24	<0.02	0.04	<0.001	<0.01	<0.01	1.20	0.03	<0.001	0.21	5.94
2307517	Drill Core	7.30	<0.001	0.014	<0.02	<0.01	<2	0.010	0.004	0.15	7.93	<0.02	0.03	<0.001	<0.01	<0.01	7.11	0.12	0.029	6.44	5.89
2307518	Drill Core	9.86	0.002	0.036	<0.02	<0.01	<2	0.010	0.004	0.15	8.06	<0.02	0.05	<0.001	<0.01	<0.01	7.74	0.12	0.028	6.16	6.23
2307519	Drill Core	8.50	<0.001	0.060	<0.02	0.01	<2	0.010	0.003	0.18	7.58	<0.02	0.03	<0.001	<0.01	<0.01	6.72	0.12	0.029	6.42	5.87
2307520	Drill Core	4.22	0.003	0.124	<0.02	0.01	<2	0.010	0.004	0.18	7.95	<0.02	0.03	<0.001	<0.01	<0.01	6.39	0.12	0.030	6.63	5.96
2307521	Drill Core	7.46	0.007	0.601	<0.02	<0.01	4	0.010	0.003	0.13	7.54	<0.02	0.03	<0.001	<0.01	<0.01	6.11	0.12	0.031	5.96	5.70
2307522	Drill Core	10.24	0.002	0.128	<0.02	<0.01	<2	0.010	0.004	0.14	7.88	<0.02	0.02	<0.001	<0.01	<0.01	8.32	0.12	0.027	6.41	5.98
2307523	Drill Core	8.43	<0.001	0.114	<0.02	<0.01	<2	0.010	0.004	0.17	8.14	<0.02	0.03	<0.001	<0.01	<0.01	7.30	0.12	0.029	6.70	5.83
2307524	Drill Core	6.35	<0.001	0.042	<0.02	<0.01	<2	0.010	0.004	0.16	8.16	<0.02	0.03	<0.001	<0.01	<0.01	6.42	0.12	0.029	6.77	5.87
2307525	Drill Core	6.34	0.004	0.097	<0.02	0.01	<2	0.010	0.004	0.17	7.52	<0.02	0.03	<0.001	<0.01	<0.01	5.89	0.11	0.029	6.64	5.79
2307526	Rock	5.34	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.64	<0.02	0.05	<0.001	<0.01	<0.01	1.53	0.04	<0.001	0.29	6.17
2307527	Drill Core	4.48	0.028	0.305	<0.02	0.01	3	0.008	0.003	0.13	7.23	<0.02	0.04	<0.001	<0.01	<0.01	7.25	0.11	0.029	4.86	6.77
2307528	Drill Core	7.67	0.004	0.061	<0.02	0.01	<2	0.009	0.003	0.17	7.48	<0.02	0.04	<0.001	<0.01	<0.01	7.42	0.12	0.027	6.11	6.15
2307529	Drill Core	8.37	0.001	0.099	<0.02	<0.01	<2	0.007	0.003	0.15	7.99	<0.02	0.04	<0.001	<0.01	<0.01	6.80	0.12	0.024	5.50	5.84
2307530	Drill Core	7.02	<0.001	0.054	<0.02	<0.01	<2	0.007	0.003	0.15	7.58	<0.02	0.03	<0.001	<0.01	<0.01	6.64	0.12	0.023	5.98	5.75

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307501	Drill Core	1.81	1.58	<0.01	0.29	46.2	2177.0	1.9	50	1.2	55.8	19.0	484	4.36	10.4	14.6	0.4	30	0.7	0.5	0.1
2307502	Drill Core	1.68	1.43	<0.01	0.06	19.3	433.2	2.8	42	0.3	59.6	19.7	451	4.17	9.5	4.3	0.5	35	0.9	0.6	<0.1
2307503	Drill Core	1.84	1.18	<0.01	0.09	25.1	754.5	4.6	42	0.5	61.5	22.2	481	4.19	15.7	1.3	0.5	35	0.8	0.6	<0.1
2307504	Drill Core	1.82	1.18	<0.01	0.07	9.6	581.4	4.2	42	0.5	63.2	21.4	482	4.24	15.1	<0.5	0.5	30	0.8	0.6	<0.1
2307505	Drill Core	1.87	1.35	<0.01	<0.05	4.7	270.8	3.4	41	0.2	63.4	24.9	480	4.69	14.0	0.7	0.5	28	0.5	0.5	<0.1
2307506	Drill Core	1.69	1.41	<0.01	0.13	5.0	446.5	5.1	41	0.4	62.9	26.4	502	4.65	17.3	0.5	0.5	25	0.3	0.6	<0.1
2307507 Dup of 2307506	CORE DUP	1.78	1.47	<0.01	0.11	4.6	410.9	4.7	40	0.3	59.5	26.2	487	4.55	16.1	0.9	0.5	25	0.2	0.5	<0.1
2307508	Drill Core	1.53	1.30	<0.01	0.44	205.6	3457.4	11.2	61	2.6	66.7	25.4	617	4.43	10.5	39.4	0.4	41	1.1	0.6	0.2
2307509	Drill Core	1.53	1.07	<0.01	0.06	25.4	583.9	6.4	51	0.4	59.7	21.5	534	4.38	8.6	6.9	0.4	32	0.4	0.5	<0.1
2307510	Drill Core	1.61	1.17	<0.01	0.69	48.1	5014.5	25.8	64	2.2	73.0	26.2	610	5.38	6.9	47.6	0.4	39	0.5	0.3	<0.1
2307511	Drill Core	1.79	1.09	<0.01	0.14	26.0	655.8	9.5	47	0.5	62.6	20.4	504	4.24	8.3	7.6	0.5	30	0.2	0.3	<0.1
2307512	Drill Core	1.60	1.20	<0.01	0.14	16.9	791.7	7.4	53	0.5	72.5	23.9	506	4.12	10.5	9.5	0.4	27	0.2	0.5	<0.1
2307513	Rock Pulp	3.18	1.47	<0.01	0.24	38.1	735.4	25.3	53	0.4	9.1	8.6	246	2.32	3.3	<0.5	3.3	54	0.1	0.1	0.2
2307514	Drill Core	1.74	1.36	<0.01	0.10	6.0	232.9	5.2	44	0.2	58.5	25.7	453	4.46	7.2	5.7	0.4	28	<0.1	0.4	<0.1
2307515	Drill Core	1.74	1.23	<0.01	<0.05	3.7	95.6	2.2	40	<0.1	59.1	21.8	433	4.63	8.9	0.8	0.4	24	<0.1	0.3	<0.1
2307516	Rock	2.89	2.29	<0.01	<0.05	0.5	10.5	1.5	42	<0.1	1.2	1.9	275	1.16	0.5	<0.5	6.2	20	<0.1	<0.1	<0.1
2307517	Drill Core	1.89	1.04	<0.01	<0.05	2.3	153.3	5.4	44	0.1	58.8	22.6	389	4.12	7.3	<0.5	0.4	42	<0.1	0.5	<0.1
2307518	Drill Core	1.45	1.38	<0.01	0.08	29.9	394.1	8.4	47	0.3	61.5	26.0	434	4.27	7.4	2.4	0.5	60	0.3	0.7	<0.1
2307519	Drill Core	1.64	1.47	<0.01	0.13	6.1	612.8	6.4	63	0.5	54.8	20.9	616	3.92	7.3	5.1	0.4	30	0.3	0.5	<0.1
2307520	Drill Core	1.72	1.06	<0.01	0.21	35.2	1301.0	8.0	83	1.3	66.4	25.7	747	4.46	8.2	5.7	0.5	30	0.3	0.9	<0.1
2307521	Drill Core	1.98	1.16	<0.01	0.81	74.1	6427.3	6.7	48	3.5	55.6	24.2	403	4.03	10.6	35.4	0.4	27	1.3	0.7	<0.1
2307522	Drill Core	1.47	1.00	<0.01	0.18	20.9	1331.1	9.2	44	1.1	60.6	27.8	444	4.31	7.0	17.9	0.5	26	0.3	0.5	<0.1
2307523	Drill Core	1.47	1.21	<0.01	0.12	9.8	1185.0	5.3	70	0.9	64.5	27.5	616	4.54	6.7	53.7	0.5	28	0.3	0.5	<0.1
2307524	Drill Core	1.63	1.32	<0.01	<0.05	4.8	462.0	1.8	57	0.3	68.3	27.6	575	4.70	7.1	5.9	0.5	25	0.1	0.4	<0.1
2307525	Drill Core	1.77	1.25	0.01	0.09	45.6	994.1	4.0	75	0.8	59.5	24.0	580	3.95	6.7	11.4	0.5	33	<0.1	0.5	<0.1
2307526	Rock	2.95	2.12	<0.01	<0.05	0.3	14.3	1.6	59	<0.1	1.4	2.9	363	1.67	0.5	<0.5	7.7	29	<0.1	<0.1	<0.1
2307527	Drill Core	2.08	1.54	<0.01	0.45	292.8	3313.0	101.7	89	2.7	65.0	26.5	680	4.32	23.6	55.7	0.4	68	0.9	0.9	0.2
2307528	Drill Core	2.04	0.94	<0.01	0.16	44.0	629.0	27.5	114	0.9	61.8	23.8	808	4.08	51.7	16.6	0.4	61	0.2	1.1	<0.1
2307529	Drill Core	1.83	1.74	<0.01	0.56	17.3	1040.1	17.8	48	1.0	33.8	23.7	413	4.14	10.6	12.3	0.4	60	0.2	0.9	<0.1
2307530	Drill Core	2.22	1.17	<0.01	0.05	4.7	557.5	4.1	38	0.4	36.9	18.2	393	4.01	7.4	10.7	0.3	27	<0.1	0.4	<0.1

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307501	Drill Core	145	1.85	0.114	3	270	2.17	12	0.152	<20	2.05	0.045	0.06	8.2	0.01	3.7	<0.1	0.32	8	<0.5	<0.2
2307502	Drill Core	155	2.68	0.123	3	277	2.10	12	0.167	<20	2.21	0.056	0.07	6.0	<0.01	3.9	<0.1	0.08	10	<0.5	<0.2
2307503	Drill Core	145	1.93	0.115	3	275	2.31	8	0.173	<20	2.12	0.052	0.05	15.8	<0.01	3.5	<0.1	0.12	9	<0.5	<0.2
2307504	Drill Core	144	1.77	0.127	3	271	2.29	9	0.168	<20	2.09	0.049	0.05	7.3	<0.01	3.3	<0.1	0.10	9	<0.5	<0.2
2307505	Drill Core	158	1.57	0.122	3	267	2.23	16	0.162	<20	2.03	0.067	0.07	5.7	0.01	3.2	<0.1	0.06	9	<0.5	<0.2
2307506	Drill Core	166	1.73	0.116	3	276	2.34	13	0.182	<20	2.19	0.082	0.08	3.1	<0.01	3.7	<0.1	0.15	9	<0.5	<0.2
2307507 Dup of 2307506	CORE DUP	159	1.56	0.121	3	260	2.28	13	0.181	<20	2.12	0.080	0.08	5.1	<0.01	3.4	<0.1	0.13	9	<0.5	<0.2
2307508	Drill Core	152	3.17	0.116	3	269	2.34	11	0.175	<20	2.36	0.062	0.07	17.2	0.01	4.8	<0.1	0.47	10	1.1	<0.2
2307509	Drill Core	165	3.23	0.116	3	290	2.07	10	0.171	<20	2.50	0.061	0.08	5.7	0.01	4.8	<0.1	0.10	10	<0.5	<0.2
2307510	Drill Core	169	3.00	0.117	3	280	2.73	13	0.165	<20	2.39	0.053	0.08	29.9	0.01	5.0	<0.1	0.76	9	0.6	<0.2
2307511	Drill Core	162	2.10	0.124	3	256	2.27	12	0.180	<20	2.14	0.060	0.07	8.2	<0.01	3.6	<0.1	0.16	8	<0.5	<0.2
2307512	Drill Core	162	2.84	0.120	3	269	2.30	10	0.178	<20	2.37	0.047	0.07	23.1	<0.01	4.8	<0.1	0.19	9	<0.5	<0.2
2307513	Rock Pulp	41	0.69	0.068	9	12	0.62	54	0.053	<20	0.99	0.077	0.16	1.0	<0.01	2.3	<0.1	0.26	5	0.7	<0.2
2307514	Drill Core	162	1.70	0.125	3	271	2.04	17	0.187	<20	1.87	0.060	0.08	1.6	<0.01	3.8	<0.1	0.13	8	<0.5	<0.2
2307515	Drill Core	170	1.36	0.121	3	258	2.12	13	0.182	<20	1.96	0.060	0.08	1.3	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
2307516	Rock	12	0.16	0.026	12	5	0.21	57	0.062	<20	0.47	0.053	0.27	<0.1	<0.01	1.4	0.1	<0.05	3	<0.5	<0.2
2307517	Drill Core	142	1.34	0.132	3	255	2.09	11	0.195	<20	1.75	0.054	0.06	2.0	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
2307518	Drill Core	153	1.83	0.125	3	269	1.95	21	0.185	<20	1.88	0.063	0.08	8.4	<0.01	3.0	<0.1	0.11	7	<0.5	<0.2
2307519	Drill Core	146	1.46	0.130	3	255	1.88	19	0.164	<20	1.73	0.058	0.08	9.9	<0.01	2.9	<0.1	0.16	7	<0.5	<0.2
2307520	Drill Core	159	1.80	0.128	3	285	2.59	9	0.194	<20	2.36	0.046	0.07	16.0	0.01	3.8	<0.1	0.24	9	0.5	<0.2
2307521	Drill Core	134	1.76	0.124	3	249	1.88	8	0.167	<20	1.84	0.054	0.05	2.6	0.01	3.1	<0.1	0.89	8	2.1	0.2
2307522	Drill Core	167	2.81	0.120	3	276	2.24	12	0.194	<20	2.48	0.049	0.06	10.8	<0.01	3.9	<0.1	0.21	10	<0.5	<0.2
2307523	Drill Core	161	2.06	0.129	3	273	2.49	12	0.187	<20	2.41	0.040	0.06	4.9	<0.01	2.9	<0.1	0.15	9	0.6	<0.2
2307524	Drill Core	175	1.63	0.125	3	296	2.78	15	0.216	<20	2.43	0.057	0.08	1.5	<0.01	3.5	<0.1	0.06	10	<0.5	<0.2
2307525	Drill Core	141	1.59	0.132	3	272	2.53	12	0.180	<20	2.09	0.051	0.05	60.1	<0.01	2.5	<0.1	0.12	9	<0.5	<0.2
2307526	Rock	17	0.19	0.038	16	6	0.30	92	0.097	<20	0.65	0.082	0.38	0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
2307527	Drill Core	129	3.53	0.112	3	308	2.50	59	0.181	<20	2.19	0.043	0.05	1.8	0.03	5.6	<0.1	0.48	9	3.2	0.2
2307528	Drill Core	127	3.35	0.124	3	286	2.70	12	0.147	<20	2.18	0.065	0.04	9.7	<0.01	6.8	<0.1	0.19	8	0.5	<0.2
2307529	Drill Core	145	2.08	0.135	3	194	1.55	18	0.167	<20	1.41	0.065	0.07	24.1	<0.01	3.6	<0.1	0.59	6	1.2	0.2
2307530	Drill Core	157	1.84	0.116	3	197	1.69	20	0.176	<20	1.52	0.082	0.07	7.1	<0.01	3.9	<0.1	0.08	7	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method Analyte	2A Leco TOT/C	2A Leco TOT/S	G6 Au	
				Unit
	%	%	ppm	
	0.02	0.02	0.005	
2307501	Drill Core	0.31	0.32	0.019
2307502	Drill Core	0.44	0.07	0.010
2307503	Drill Core	0.29	0.11	0.009
2307504	Drill Core	0.24	0.09	0.010
2307505	Drill Core	0.21	0.05	0.005
2307506	Drill Core	0.29	0.15	0.007
2307507 Dup of 2307506	CORE DUP	0.18	0.12	0.010
2307508	Drill Core	0.58	0.54	0.033
2307509	Drill Core	0.44	0.11	0.011
2307510	Drill Core	0.60	0.82	0.133
2307511	Drill Core	0.27	0.18	0.011
2307512	Drill Core	0.41	0.19	0.015
2307513	Rock Pulp	0.12	0.27	<0.005
2307514	Drill Core	0.29	0.34	0.008
2307515	Drill Core	0.12	0.03	<0.005
2307516	Rock	<0.02	<0.02	<0.005
2307517	Drill Core	0.16	0.04	<0.005
2307518	Drill Core	0.21	0.12	0.013
2307519	Drill Core	0.15	0.18	0.032
2307520	Drill Core	0.25	0.26	0.019
2307521	Drill Core	0.18	0.98	0.081
2307522	Drill Core	0.29	0.22	0.021
2307523	Drill Core	0.22	0.15	0.016
2307524	Drill Core	0.16	0.06	0.005
2307525	Drill Core	0.24	0.13	0.014
2307526	Rock	<0.02	<0.02	<0.005
2307527	Drill Core	0.91	0.54	0.106
2307528	Drill Core	0.90	0.22	0.024
2307529	Drill Core	0.37	0.64	0.023
2307530	Drill Core	0.26	0.08	0.018

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307531 Dup of 2307530	CORE DUP	<0.001	0.054	<0.02	<0.01	<2	0.007	0.003	0.15	7.81	<0.02	0.03	<0.001	<0.01	<0.01	6.84	0.12	0.023	6.13	5.83	
2307532	Drill Core	8.60	<0.001	0.060	<0.02	<0.01	<2	0.010	0.004	0.14	8.11	<0.02	0.03	<0.001	<0.01	<0.01	6.67	0.11	0.036	6.38	5.54
2307533	Drill Core	8.46	0.003	0.082	<0.02	<0.01	<2	0.008	0.003	0.14	8.00	<0.02	0.04	<0.001	<0.01	<0.01	6.89	0.12	0.024	5.89	6.03
2307534	Drill Core	5.07	0.002	0.164	<0.02	0.01	<2	0.008	0.003	0.15	8.38	<0.02	0.04	<0.001	<0.01	<0.01	6.58	0.13	0.027	5.83	5.99
2307535	Drill Core	6.26	0.005	0.177	<0.02	<0.01	<2	0.010	0.004	0.15	7.77	<0.02	0.03	<0.001	<0.01	<0.01	6.74	0.12	0.032	6.29	5.86
2307536	Drill Core	7.86	0.001	0.146	<0.02	<0.01	<2	0.010	0.004	0.13	7.76	<0.02	0.03	<0.001	<0.01	<0.01	7.15	0.12	0.031	5.96	5.79
2307537	Rock Pulp	0.20	0.017	0.191	<0.02	<0.01	<2	0.001	<0.001	0.07	3.98	<0.02	0.06	<0.001	<0.01	<0.01	2.09	0.07	0.003	0.60	4.39
2307538	Drill Core	3.39	0.002	0.078	<0.02	<0.01	<2	0.010	0.004	0.14	7.61	<0.02	0.02	<0.001	<0.01	<0.01	6.79	0.12	0.028	6.31	5.91
2307539	Drill Core	4.80	0.003	0.040	<0.02	<0.01	<2	0.010	0.004	0.13	7.54	<0.02	0.03	<0.001	<0.01	<0.01	7.12	0.12	0.031	6.17	6.11
2307540	Drill Core	4.60	0.003	0.038	<0.02	<0.01	<2	0.010	0.004	0.13	7.69	<0.02	0.03	<0.001	<0.01	<0.01	7.33	0.12	0.029	6.10	6.08
2307541	Drill Core	10.42	<0.001	0.024	<0.02	<0.01	<2	0.010	0.004	0.13	7.90	<0.02	0.04	<0.001	<0.01	<0.01	7.37	0.12	0.030	5.72	5.95
2307542	Drill Core	10.17	<0.001	0.050	<0.02	<0.01	<2	0.010	0.004	0.13	7.75	<0.02	0.03	<0.001	<0.01	<0.01	6.71	0.12	0.029	6.01	5.86
2307543	Drill Core	7.71	0.003	0.110	<0.02	<0.01	<2	0.010	0.004	0.14	7.58	<0.02	0.03	<0.001	<0.01	<0.01	6.54	0.12	0.029	5.94	6.01
2307544	Drill Core	4.36	0.002	0.033	<0.02	<0.01	<2	0.010	0.005	0.15	8.34	<0.02	0.04	<0.001	<0.01	<0.01	6.72	0.13	0.030	6.41	6.11
2307545	Drill Core	4.53	0.001	0.047	<0.02	<0.01	<2	0.011	0.005	0.15	8.61	<0.02	0.04	<0.001	<0.01	<0.01	6.98	0.13	0.031	6.36	6.07
2307546	Drill Core	10.60	0.002	0.067	<0.02	<0.01	<2	0.010	0.004	0.15	7.62	<0.02	0.03	<0.001	<0.01	<0.01	6.56	0.13	0.029	6.43	5.98
2307547	Drill Core	9.38	<0.001	0.026	<0.02	<0.01	<2	0.009	0.004	0.14	7.20	<0.02	0.03	<0.001	<0.01	<0.01	6.54	0.13	0.029	5.84	5.90
2307548	Drill Core	7.86	<0.001	0.118	<0.02	<0.01	<2	0.010	0.004	0.15	7.21	<0.02	0.03	<0.001	<0.01	<0.01	6.30	0.12	0.030	5.84	5.90
2307549	Drill Core	9.50	<0.001	0.097	<0.02	0.01	<2	0.010	0.004	0.15	7.64	<0.02	0.04	<0.001	<0.01	<0.01	6.80	0.13	0.030	6.04	6.14
2307550 Dup of 2307549	CORE DUP	<0.001	0.097	<0.02	0.01	<2	0.010	0.004	0.15	7.51	<0.02	0.03	<0.001	<0.01	<0.01	6.70	0.13	0.029	5.97	6.20	
2307551	Drill Core	9.92	<0.001	0.031	<0.02	0.01	<2	0.010	0.004	0.15	7.75	<0.02	0.03	<0.001	<0.01	<0.01	6.41	0.11	0.028	6.30	5.94
2307552	Rock	5.62	<0.001	0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.58	<0.02	0.05	<0.001	<0.01	<0.01	1.50	0.04	<0.001	0.23	4.81
2307553	Drill Core	9.78	<0.001	0.028	<0.02	0.01	<2	0.010	0.004	0.14	7.38	<0.02	0.03	<0.001	<0.01	<0.01	5.76	0.12	0.028	6.40	6.02
2307554	Rock Pulp	0.17	<0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.17	<0.02	0.05	<0.001	<0.01	<0.01	1.73	0.06	0.001	0.48	5.92
2307555	Drill Core	8.22	<0.001	0.034	<0.02	<0.01	<2	0.011	0.005	0.14	7.87	<0.02	0.03	<0.001	<0.01	<0.01	5.94	0.12	0.030	6.42	6.02
2307556	Drill Core	8.57	<0.001	0.087	<0.02	<0.01	<2	0.012	0.008	0.14	8.39	<0.02	0.03	<0.001	<0.01	<0.01	5.80	0.12	0.029	6.38	5.96
2307557	Drill Core	7.92	<0.001	0.052	<0.02	<0.01	<2	0.010	0.004	0.13	7.56	<0.02	0.03	<0.001	<0.01	<0.01	6.67	0.11	0.027	5.81	5.79
2307558	Drill Core	7.87	<0.001	0.019	<0.02	<0.01	<2	0.008	0.004	0.15	6.97	<0.02	0.02	<0.001	<0.01	<0.01	8.68	0.11	0.025	4.22	5.59
2307559	Drill Core	9.83	0.020	0.036	<0.02	0.01	<2	0.009	0.004	0.16	7.24	<0.02	0.03	<0.001	<0.01	<0.01	7.48	0.10	0.027	5.38	5.79
2307560	Drill Core	8.77	<0.001	0.026	<0.02	<0.01	<2	0.010	0.004	0.15	7.68	<0.02	0.04	<0.001	<0.01	<0.01	5.77	0.12	0.026	6.49	5.72

CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307531 Dup of 2307530	CORE DUP	2.23	1.18	<0.01	0.05	5.9	547.2	4.5	38	0.3	38.5	18.1	389	3.96	7.3	8.4	0.4	29	<0.1	0.4	<0.1
2307532	Drill Core	1.69	1.10	<0.01	0.28	13.7	619.8	3.8	52	0.4	68.1	33.7	535	4.57	7.7	6.5	0.3	48	<0.1	0.3	<0.1
2307533	Drill Core	1.88	1.39	<0.01	0.19	29.3	851.1	4.6	45	0.5	40.8	21.2	373	4.15	7.3	1.8	0.4	56	0.1	0.7	0.2
2307534	Drill Core	1.87	1.47	0.01	0.28	22.9	1588.0	2.2	50	0.9	38.7	17.2	418	4.09	7.3	9.0	0.3	40	0.3	0.7	<0.1
2307535	Drill Core	1.63	1.57	0.02	0.31	47.4	1702.9	4.9	44	0.7	58.5	24.8	464	4.09	8.7	16.5	0.3	29	0.8	0.5	<0.1
2307536	Drill Core	1.37	1.66	<0.01	0.22	12.4	1482.6	4.5	30	0.8	55.8	22.9	405	4.28	8.7	41.8	0.4	24	0.8	0.4	<0.1
2307537	Rock Pulp	2.82	2.34	<0.01	0.24	170.1	1900.6	4.3	79	0.7	16.9	8.4	628	3.59	3.8	236.6	3.5	61	<0.1	0.3	0.2
2307538	Drill Core	1.80	1.38	<0.01	0.27	23.5	773.5	5.7	26	0.5	59.9	29.6	488	4.29	9.7	54.5	0.4	25	0.4	0.3	<0.1
2307539	Drill Core	1.59	1.49	<0.01	0.20	29.2	409.4	5.6	31	0.3	62.3	27.5	482	4.38	9.9	20.3	0.4	22	0.8	0.4	<0.1
2307540	Drill Core	1.61	1.54	<0.01	0.23	33.6	390.2	5.3	29	0.3	60.4	29.0	469	4.32	11.0	16.7	0.4	23	0.3	0.4	<0.1
2307541	Drill Core	1.35	1.79	<0.01	0.08	7.5	259.8	5.5	33	0.1	54.3	25.0	434	4.30	6.3	9.1	0.3	38	<0.1	0.4	<0.1
2307542	Drill Core	1.53	1.21	<0.01	0.15	7.7	497.2	6.3	54	0.2	60.9	27.8	596	4.71	4.9	15.9	0.3	39	<0.1	0.2	<0.1
2307543	Drill Core	1.62	1.95	0.02	0.31	31.8	1099.3	12.2	51	0.7	51.1	25.1	462	4.05	7.2	23.0	0.3	24	0.2	0.3	<0.1
2307544	Drill Core	1.54	1.60	<0.01	0.12	17.5	332.5	3.9	40	0.2	56.8	28.2	419	4.60	7.1	6.2	0.4	21	0.1	0.3	<0.1
2307545	Drill Core	1.58	1.57	<0.01	0.13	11.7	463.8	3.3	37	0.3	55.2	25.8	411	4.57	6.8	21.3	0.4	23	0.1	0.3	<0.1
2307546	Drill Core	2.08	1.17	<0.01	0.17	25.4	687.6	4.6	38	0.4	53.7	24.6	434	4.25	8.5	7.5	0.4	17	0.1	0.3	<0.1
2307547	Drill Core	2.05	1.43	<0.01	0.24	5.1	275.5	6.9	43	0.3	54.5	25.1	434	3.79	8.9	8.3	0.3	31	0.1	0.3	<0.1
2307548	Drill Core	2.55	1.01	<0.01	0.25	6.2	1276.5	3.2	35	0.6	50.0	23.6	387	3.83	7.2	22.6	0.3	22	0.3	0.3	<0.1
2307549	Drill Core	1.95	1.61	<0.01	0.16	7.1	1017.9	4.0	64	0.6	55.4	24.5	582	4.26	13.4	44.7	0.3	22	0.1	0.4	<0.1
2307550 Dup of 2307549	CORE DUP	2.01	1.59	<0.01	0.17	7.7	1002.8	3.5	63	0.5	53.6	24.2	574	4.25	12.7	22.3	0.3	22	0.2	0.4	<0.1
2307551	Drill Core	2.14	0.96	<0.01	0.19	1.4	324.2	21.6	70	0.3	57.3	28.7	542	4.55	7.1	30.4	0.3	22	<0.1	0.3	<0.1
2307552	Rock	2.96	2.46	<0.01	<0.05	0.3	11.8	1.2	60	<0.1	1.6	3.0	356	1.63	0.7	5.3	6.0	21	<0.1	<0.1	<0.1
2307553	Drill Core	2.16	0.79	<0.01	0.14	1.7	268.8	1.4	57	0.2	57.7	28.3	614	4.43	6.0	12.8	0.3	29	<0.1	0.3	<0.1
2307554	Rock Pulp	3.03	2.50	<0.01	0.20	12.4	199.3	13.7	51	0.2	8.0	6.5	232	1.99	3.1	4.1	3.1	44	<0.1	<0.1	0.1
2307555	Drill Core	2.10	0.79	<0.01	0.19	2.3	341.7	13.9	55	0.2	62.4	32.9	608	4.74	6.7	8.2	0.3	29	<0.1	0.3	<0.1
2307556	Drill Core	2.05	0.96	<0.01	1.50	3.6	921.6	8.8	44	0.7	78.8	64.5	605	5.13	8.7	25.2	0.3	25	0.1	0.3	<0.1
2307557	Drill Core	1.77	0.70	<0.01	0.46	2.8	527.0	1.1	62	0.3	76.3	36.4	865	5.42	7.3	26.5	0.3	63	<0.1	0.3	<0.1
2307558	Drill Core	1.07	0.64	<0.01	0.37	2.7	176.9	1.1	70	<0.1	67.6	37.9	1451	5.83	3.4	11.6	0.3	147	<0.1	<0.1	<0.1
2307559	Drill Core	1.35	0.73	<0.01	0.37	196.9	374.6	2.6	95	0.2	79.4	40.3	1436	5.77	4.2	20.4	0.3	159	<0.1	0.2	0.1
2307560	Drill Core	1.56	0.90	<0.01	0.28	2.1	247.9	1.2	58	0.2	66.2	33.4	884	5.04	6.3	6.0	0.3	149	0.2	0.3	<0.1



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Project: 204920
 Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2307531 Dup of 2307530	CORE DUP	154	1.81	0.125	3	207	1.68	19	0.165	<20	1.51	0.075	0.07	6.6	<0.01	3.8	<0.1	0.08	7	<0.5	<0.2
2307532	Drill Core	168	2.62	0.122	3	320	2.58	12	0.179	<20	2.06	0.062	0.07	5.6	<0.01	9.2	<0.1	0.29	8	0.7	<0.2
2307533	Drill Core	161	1.46	0.138	3	211	1.67	15	0.170	<20	1.59	0.073	0.07	7.6	<0.01	3.6	0.1	0.22	6	<0.5	<0.2
2307534	Drill Core	144	1.52	0.114	2	207	1.94	10	0.131	<20	1.67	0.048	0.05	73.1	<0.01	3.3	<0.1	0.23	6	0.8	<0.2
2307535	Drill Core	160	2.37	0.102	2	267	2.40	10	0.167	<20	2.15	0.058	0.06	88.0	<0.01	3.2	<0.1	0.31	9	0.6	<0.2
2307536	Drill Core	171	2.33	0.112	3	252	2.16	10	0.168	<20	2.23	0.044	0.07	6.9	0.02	3.1	<0.1	0.21	10	0.7	<0.2
2307537	Rock Pulp	61	1.19	0.077	12	24	0.69	199	0.085	<20	1.15	0.076	0.46	0.2	0.02	4.1	0.1	0.28	6	1.7	<0.2
2307538	Drill Core	180	2.70	0.117	3	266	2.72	18	0.184	<20	2.38	0.059	0.05	2.4	0.03	4.1	<0.1	0.27	10	0.7	<0.2
2307539	Drill Core	195	2.63	0.115	3	288	2.64	12	0.201	<20	2.47	0.044	0.08	3.7	0.02	3.9	<0.1	0.20	11	<0.5	<0.2
2307540	Drill Core	188	2.78	0.114	3	272	2.54	12	0.199	<20	2.38	0.041	0.08	3.1	0.02	3.8	<0.1	0.22	10	<0.5	<0.2
2307541	Drill Core	170	2.04	0.114	3	277	2.13	15	0.163	<20	1.85	0.048	0.08	17.8	<0.01	3.2	<0.1	0.08	8	<0.5	<0.2
2307542	Drill Core	199	3.07	0.112	3	295	2.98	14	0.151	<20	2.48	0.046	0.08	2.9	<0.01	9.2	<0.1	0.15	8	<0.5	<0.2
2307543	Drill Core	162	2.30	0.110	3	258	2.24	14	0.151	<20	1.85	0.040	0.08	>100	<0.01	2.7	<0.1	0.30	8	1.2	<0.2
2307544	Drill Core	182	1.45	0.117	3	273	2.26	17	0.170	<20	2.11	0.042	0.08	23.4	<0.01	2.7	<0.1	0.12	9	<0.5	<0.2
2307545	Drill Core	183	1.52	0.121	3	279	2.15	15	0.169	<20	2.00	0.046	0.08	24.3	<0.01	2.7	<0.1	0.12	8	<0.5	<0.2
2307546	Drill Core	189	2.02	0.128	3	256	2.32	11	0.175	<20	2.01	0.051	0.07	64.8	<0.01	3.0	<0.1	0.18	9	0.6	<0.2
2307547	Drill Core	159	2.36	0.128	2	265	2.13	12	0.161	<20	1.67	0.046	0.06	4.4	<0.01	3.0	<0.1	0.25	8	<0.5	<0.2
2307548	Drill Core	167	1.89	0.124	2	253	1.80	10	0.150	<20	1.46	0.055	0.05	2.8	<0.01	2.4	<0.1	0.26	7	1.7	<0.2
2307549	Drill Core	189	2.69	0.118	2	275	2.42	11	0.162	<20	2.09	0.047	0.09	1.4	<0.01	4.5	<0.1	0.17	10	0.8	<0.2
2307550 Dup of 2307549	CORE DUP	187	2.60	0.121	2	270	2.34	10	0.160	<20	2.01	0.046	0.08	1.5	<0.01	4.5	<0.1	0.17	10	0.9	<0.2
2307551	Drill Core	186	2.36	0.112	2	290	2.54	14	0.173	<20	2.03	0.057	0.06	1.0	<0.01	2.9	<0.1	0.18	10	0.7	<0.2
2307552	Rock	17	0.21	0.040	15	5	0.29	95	0.083	<20	0.62	0.073	0.37	<0.1	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
2307553	Drill Core	171	2.46	0.109	2	259	3.06	14	0.163	<20	2.17	0.060	0.09	3.4	<0.01	6.4	<0.1	0.14	9	<0.5	<0.2
2307554	Rock Pulp	29	0.93	0.068	11	12	0.45	41	0.024	<20	0.89	0.069	0.16	0.4	<0.01	1.8	<0.1	0.21	5	0.5	<0.2
2307555	Drill Core	193	2.32	0.109	3	302	2.99	16	0.173	<20	2.23	0.051	0.10	4.2	<0.01	6.5	<0.1	0.19	9	0.6	<0.2
2307556	Drill Core	183	2.20	0.113	2	275	2.90	17	0.191	<20	2.17	0.059	0.14	3.2	<0.01	4.1	<0.1	1.47	10	4.2	<0.2
2307557	Drill Core	218	4.57	0.108	3	318	4.07	46	0.172	<20	2.95	0.035	0.11	4.9	<0.01	15.7	<0.1	0.43	11	1.0	<0.2
2307558	Drill Core	202	7.39	0.102	3	296	4.02	36	0.036	<20	3.46	0.018	0.13	0.8	<0.01	22.2	<0.1	0.33	10	0.9	<0.2
2307559	Drill Core	204	5.93	0.093	3	292	4.49	115	0.059	<20	3.21	0.025	0.18	0.3	<0.01	18.6	<0.1	0.34	10	1.0	<0.2
2307560	Drill Core	214	3.31	0.110	3	304	4.10	159	0.153	<20	2.75	0.040	0.17	0.6	<0.01	11.1	<0.1	0.28	9	0.7	<0.2

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Project: 204920

Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		2A Leco 2A Leco		G6
		TOT/C %	TOT/S %	Au ppm
		0.02	0.02	0.005
2307531 Dup of 2307530	CORE DUP	0.27	0.08	0.017
2307532	Drill Core	0.55	0.35	0.011
2307533	Drill Core	0.14	0.25	0.008
2307534	Drill Core	0.17	0.26	0.014
2307535	Drill Core	0.37	0.35	0.019
2307536	Drill Core	0.24	0.24	0.025
2307537	Rock Pulp	0.27	0.30	0.305
2307538	Drill Core	0.39	0.31	0.020
2307539	Drill Core	0.35	0.21	0.010
2307540	Drill Core	0.46	0.23	0.012
2307541	Drill Core	0.33	0.08	0.007
2307542	Drill Core	0.82	0.14	0.015
2307543	Drill Core	0.53	0.32	0.013
2307544	Drill Core	0.15	0.12	0.007
2307545	Drill Core	0.17	0.12	0.019
2307546	Drill Core	0.34	0.17	0.028
2307547	Drill Core	0.53	0.23	0.018
2307548	Drill Core	0.34	0.27	0.108
2307549	Drill Core	0.53	0.17	0.037
2307550 Dup of 2307549	CORE DUP	0.57	0.17	0.049
2307551	Drill Core	0.51	0.18	0.021
2307552	Rock	0.02	<0.02	<0.005
2307553	Drill Core	0.66	0.14	0.011
2307554	Rock Pulp	0.22	0.20	<0.005
2307555	Drill Core	0.58	0.20	0.011
2307556	Drill Core	0.53	1.50	0.048
2307557	Drill Core	1.41	0.49	0.018
2307558	Drill Core	2.81	0.39	0.007
2307559	Drill Core	2.62	0.40	0.041
2307560	Drill Core	1.06	0.30	0.010

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307561	Drill Core	6.09	<0.001	0.019	<0.02	<0.01	<2	0.009	0.004	0.14	7.11	<0.02	0.03	<0.001	<0.01	<0.01	6.45	0.10	0.028	6.22	5.55
2307562	Drill Core	7.30	<0.001	0.014	<0.02	<0.01	<2	0.007	0.004	0.14	7.03	<0.02	0.03	<0.001	<0.01	<0.01	8.50	0.10	0.026	4.66	5.34
2307563	Drill Core	8.07	<0.001	0.005	<0.02	<0.01	<2	0.005	0.003	0.21	5.81	<0.02	0.03	<0.001	<0.01	<0.01	11.14	0.10	0.021	3.78	5.02
2307564	Drill Core	8.39	<0.001	0.020	<0.02	<0.01	<2	0.008	0.003	0.18	6.80	<0.02	0.02	<0.001	<0.01	<0.01	10.02	0.10	0.024	4.13	4.91
2307565	Rock Pulp	0.17	0.004	0.074	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.38	<0.02	0.05	<0.001	<0.01	<0.01	1.89	0.07	0.001	0.62	5.17
2307566	Drill Core	3.36	<0.001	0.003	<0.02	<0.01	<2	0.003	0.002	0.27	4.43	<0.02	0.02	<0.001	<0.01	<0.01	13.35	0.09	0.016	3.22	4.22
2307567	Drill Core	3.81	<0.001	0.004	<0.02	<0.01	<2	0.004	0.002	0.26	4.46	<0.02	0.02	<0.001	<0.01	<0.01	12.70	0.09	0.016	3.40	4.38
2307568	Drill Core	7.54	0.001	0.070	<0.02	<0.01	<2	0.004	0.002	0.19	5.59	<0.02	0.02	<0.001	<0.01	<0.01	9.08	0.12	0.020	3.57	5.60
2307569	Drill Core	5.23	<0.001	0.008	<0.02	<0.01	<2	0.008	0.002	0.10	5.31	<0.02	0.01	<0.001	<0.01	<0.01	6.27	0.11	0.012	3.31	8.17
2307570	Drill Core	7.09	0.002	0.026	<0.02	<0.01	<2	0.007	0.003	0.18	6.02	<0.02	0.01	<0.001	<0.01	<0.01	9.64	0.08	0.023	3.76	4.47
2307571	Drill Core	5.21	<0.001	0.017	<0.02	<0.01	<2	0.007	0.002	0.19	6.29	<0.02	0.01	<0.001	<0.01	<0.01	9.87	0.07	0.020	5.02	4.16
2307572	Drill Core	6.35	<0.001	0.041	<0.02	<0.01	<2	0.008	0.003	0.13	7.30	<0.02	0.03	<0.001	<0.01	<0.01	7.05	0.11	0.023	4.82	6.10
2307573	Drill Core	6.68	<0.001	0.068	<0.02	<0.01	<2	0.007	0.003	0.17	6.43	<0.02	0.04	<0.001	<0.01	<0.01	7.83	0.09	0.020	5.24	4.88
2307574	Drill Core	4.36	0.001	0.089	<0.02	0.01	<2	0.007	0.004	0.12	7.54	<0.02	0.02	<0.001	<0.01	<0.01	5.33	0.11	0.026	5.36	6.21
2307575	Drill Core	5.02	<0.001	0.086	<0.02	0.01	<2	0.007	0.003	0.14	7.21	<0.02	0.02	<0.001	<0.01	<0.01	6.06	0.10	0.021	5.52	5.60
2307576	Drill Core	9.45	0.004	0.120	<0.02	<0.01	<2	0.008	0.003	0.13	7.54	<0.02	0.02	<0.001	<0.01	<0.01	6.40	0.10	0.032	6.00	5.76
2307577	Rock	5.20	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.58	<0.02	0.05	<0.001	<0.01	<0.01	1.48	0.03	<0.001	0.26	6.15
2307578	Drill Core	10.23	0.025	0.042	<0.02	0.01	<2	0.008	0.004	0.14	7.94	<0.02	0.03	<0.001	<0.01	<0.01	6.69	0.10	0.028	5.43	5.53
2307579	Drill Core	7.22	<0.001	0.092	<0.02	<0.01	<2	0.006	0.004	0.12	7.51	<0.02	0.02	<0.001	<0.01	<0.01	6.64	0.10	0.019	4.83	5.72
2307580	Drill Core	9.59	<0.001	0.074	<0.02	<0.01	<2	0.006	0.004	0.14	7.33	<0.02	0.02	<0.001	<0.01	<0.01	7.71	0.10	0.017	4.22	5.36
2307581	Drill Core	2.89	0.001	0.035	<0.02	<0.01	<2	0.002	0.001	0.05	3.49	<0.02	0.02	<0.001	<0.01	<0.01	3.75	0.13	0.002	1.28	6.82
2307582	Drill Core	3.34	<0.001	0.011	<0.02	<0.01	<2	0.005	0.002	0.18	7.36	<0.02	0.03	<0.001	<0.01	<0.01	9.41	0.11	0.017	4.34	5.51
2307583	Drill Core	7.05	<0.001	0.007	<0.02	<0.01	<2	0.006	0.003	0.16	8.40	<0.02	0.04	<0.001	<0.01	<0.01	6.04	0.11	0.020	5.73	6.16
2307584	Drill Core	4.51	<0.001	0.019	<0.02	<0.01	<2	0.006	0.003	0.14	7.88	<0.02	0.04	<0.001	<0.01	<0.01	5.81	0.12	0.019	5.55	6.17
2307585	Drill Core	3.88	<0.001	0.019	<0.02	<0.01	<2	0.006	0.003	0.14	7.60	<0.02	0.04	<0.001	<0.01	<0.01	5.89	0.12	0.019	5.43	6.06
2307586	Drill Core	5.69	<0.001	0.024	<0.02	<0.01	<2	0.006	0.004	0.14	7.94	<0.02	0.04	<0.001	<0.01	<0.01	6.18	0.12	0.020	5.56	6.40
2307587	Drill Core	4.19	<0.001	0.061	<0.02	<0.01	<2	0.001	0.002	0.03	2.55	<0.02	0.02	<0.001	<0.01	<0.01	1.57	0.11	0.004	1.40	7.34
2307588	Drill Core	4.71	<0.001	0.127	<0.02	<0.01	<2	0.006	0.004	0.11	7.71	<0.02	0.02	<0.001	<0.01	<0.01	4.17	0.14	0.019	5.78	6.86
2307589	Rock	4.89	<0.001	0.002	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.67	<0.02	0.06	<0.001	<0.01	<0.01	1.73	0.04	0.001	0.29	6.52
2307590	Drill Core	7.39	<0.001	0.127	<0.02	<0.01	<2	0.007	0.007	0.08	9.87	<0.02	0.02	<0.001	<0.01	<0.01	3.44	0.16	0.018	5.46	7.65

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307561	Drill Core	1.22	0.44	<0.01	0.47	1.7	182.4	0.9	79	0.1	80.3	39.5	1217	5.64	5.1	5.2	0.3	148	<0.1	0.2	<0.1
2307562	Drill Core	1.06	0.87	<0.01	0.36	0.5	144.8	0.9	66	<0.1	75.7	38.1	1354	5.66	6.2	3.7	0.3	175	<0.1	0.1	<0.1
2307563	Drill Core	0.36	1.12	<0.01	0.21	4.1	48.9	1.2	57	<0.1	46.1	26.9	1993	4.64	2.1	2.0	0.2	223	<0.1	<0.1	<0.1
2307564	Drill Core	0.15	1.72	<0.01	0.22	4.9	191.3	1.7	59	<0.1	69.0	32.5	1796	5.08	2.8	4.6	0.2	155	0.1	0.1	<0.1
2307565	Rock Pulp	3.14	1.72	<0.01	0.24	44.4	781.0	20.8	55	0.5	9.9	10.1	253	2.39	3.7	1.0	2.9	52	0.3	<0.1	0.2
2307566	Drill Core	0.07	1.74	<0.01	0.20	4.2	29.4	1.5	46	<0.1	30.6	20.8	2774	3.67	3.0	4.4	0.2	155	0.2	<0.1	<0.1
2307567	Drill Core	0.10	1.81	<0.01	0.20	5.3	46.7	1.4	50	<0.1	31.4	21.2	2650	3.77	2.9	2.0	0.2	143	0.1	<0.1	<0.1
2307568	Drill Core	0.51	1.71	<0.01	0.37	16.0	705.0	2.2	59	0.2	38.1	26.5	1805	4.54	5.5	11.1	0.3	116	0.1	0.2	0.2
2307569	Drill Core	0.63	2.25	<0.01	0.14	0.6	88.7	3.8	58	<0.1	73.0	28.3	1021	4.32	4.2	2.2	0.2	83	<0.1	0.2	<0.1
2307570	Drill Core	0.18	1.38	<0.01	0.61	20.7	275.4	2.9	49	0.1	59.6	34.0	1798	5.02	5.2	5.5	0.3	110	0.2	0.2	0.4
2307571	Drill Core	0.26	1.11	<0.01	0.27	0.7	195.8	2.8	72	<0.1	68.1	31.9	2043	5.70	4.0	0.8	0.2	107	0.2	0.2	0.1
2307572	Drill Core	1.83	0.67	<0.01	1.43	6.3	433.8	7.4	76	0.3	77.7	41.3	1248	6.40	7.1	9.1	0.4	187	0.3	0.2	0.4
2307573	Drill Core	1.39	0.35	<0.01	0.33	6.4	718.1	4.0	87	0.3	67.4	33.7	1646	5.74	4.9	24.1	0.3	322	0.2	0.3	0.1
2307574	Drill Core	2.15	0.32	<0.01	1.36	15.1	923.5	3.7	101	0.4	70.4	45.4	1172	6.85	5.2	15.3	0.4	127	<0.1	0.3	0.4
2307575	Drill Core	1.76	0.37	<0.01	1.32	10.9	904.1	3.3	100	0.3	64.5	42.0	1341	6.43	4.8	17.6	0.3	148	0.2	0.2	0.3
2307576	Drill Core	1.58	0.87	<0.01	0.96	44.5	1231.8	2.7	65	0.6	74.3	37.7	1040	5.89	7.0	43.7	0.3	129	<0.1	0.3	0.3
2307577	Rock	2.98	2.09	<0.01	<0.05	1.0	9.7	2.0	48	<0.1	1.1	2.4	353	1.52	0.7	1.7	8.0	26	<0.1	<0.1	<0.1
2307578	Drill Core	1.73	1.11	<0.01	0.77	265.3	441.0	4.5	83	0.4	58.1	37.0	1005	5.81	6.2	12.7	0.4	112	1.8	0.4	0.4
2307579	Drill Core	2.11	0.41	<0.01	1.18	11.6	907.6	2.2	57	0.4	52.2	49.6	1148	6.08	13.5	21.5	0.4	133	<0.1	0.2	0.2
2307580	Drill Core	1.58	0.83	<0.01	2.28	6.3	770.0	3.4	59	0.3	57.7	50.3	1342	6.34	10.9	26.9	0.3	143	0.2	0.2	0.4
2307581	Drill Core	4.00	1.29	<0.01	1.59	15.5	372.8	3.6	22	0.2	13.8	21.3	499	3.11	7.6	13.4	1.2	105	<0.1	0.2	0.2
2307582	Drill Core	1.53	1.14	<0.01	0.24	2.2	112.7	7.2	37	0.1	41.6	24.0	1418	5.24	6.6	13.8	0.4	161	0.1	0.4	<0.1
2307583	Drill Core	2.08	1.40	<0.01	0.21	0.5	77.2	9.4	24	<0.1	30.8	20.2	457	5.22	6.2	2.8	0.4	34	0.1	0.3	<0.1
2307584	Drill Core	2.31	1.40	<0.01	1.08	1.4	198.8	2.5	19	0.1	30.3	23.7	383	4.52	10.1	7.2	0.4	30	0.1	0.4	<0.1
2307585	Drill Core	2.32	1.28	<0.01	1.17	1.3	191.2	2.3	18	0.2	29.2	21.7	364	4.32	11.2	30.7	0.4	29	<0.1	0.4	<0.1
2307586	Drill Core	2.08	1.22	<0.01	1.47	1.7	271.7	3.0	23	0.2	29.9	30.9	448	4.83	10.2	17.3	0.4	24	<0.1	0.4	<0.1
2307587	Drill Core	4.74	2.60	<0.01	0.98	4.9	627.4	4.0	21	0.3	11.3	26.1	265	2.51	8.1	30.2	2.1	16	0.5	0.5	<0.1
2307588	Drill Core	2.53	1.40	<0.01	2.73	1.9	1344.2	20.1	28	0.7	46.2	46.1	537	5.71	13.0	57.9	0.6	17	1.1	0.5	0.1
2307589	Rock	2.96	1.62	<0.01	<0.05	0.3	19.6	1.6	57	<0.1	0.9	2.9	358	1.67	<0.5	2.1	7.6	30	<0.1	<0.1	<0.1
2307590	Drill Core	1.95	2.01	<0.01	4.95	8.3	1346.5	22.9	38	0.8	64.7	78.9	627	8.98	11.0	268.5	0.7	29	2.7	0.6	0.1

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2	
2307561	Drill Core	220	5.07	0.091	3	310	5.24	160	0.097	<20	3.65	0.023	0.10	3.3	<0.01	20.7	<0.1	0.42	12	0.7	<0.2
2307562	Drill Core	201	7.06	0.099	3	303	4.24	63	0.052	<20	3.49	0.019	0.13	0.1	<0.01	21.1	<0.1	0.32	10	0.8	<0.2
2307563	Drill Core	160	9.49	0.101	4	236	3.66	69	0.009	<20	3.04	0.013	0.18	0.2	<0.01	19.5	<0.1	0.19	7	<0.5	<0.2
2307564	Drill Core	108	8.54	0.100	4	123	3.92	402	0.006	<20	1.87	0.008	0.27	0.3	<0.01	17.3	<0.1	0.20	5	0.6	<0.2
2307565	Rock Pulp	44	0.71	0.077	9	14	0.65	65	0.050	<20	1.06	0.079	0.16	0.9	<0.01	2.6	<0.1	0.26	6	<0.5	<0.2
2307566	Drill Core	74	12.07	0.094	5	76	3.29	19	0.001	<20	1.17	0.008	0.26	0.2	<0.01	14.8	<0.1	0.20	3	1.0	<0.2
2307567	Drill Core	74	11.25	0.095	5	72	3.44	27	<0.001	<20	1.11	0.008	0.26	0.3	<0.01	15.3	<0.1	0.19	3	0.6	<0.2
2307568	Drill Core	143	7.77	0.125	4	168	3.38	121	0.007	<20	2.18	0.014	0.25	22.9	0.01	21.9	<0.1	0.34	6	1.0	<0.2
2307569	Drill Core	112	5.63	0.114	9	71	3.14	38	0.003	<20	2.38	0.029	0.36	<0.1	0.02	17.4	<0.1	0.13	5	0.8	<0.2
2307570	Drill Core	84	9.11	0.088	4	101	3.44	49	<0.001	<20	0.85	0.011	0.29	0.5	0.02	17.3	<0.1	0.55	2	<0.5	<0.2
2307571	Drill Core	99	9.59	0.074	3	139	4.92	37	0.008	<20	1.75	0.009	0.20	0.3	<0.01	14.8	<0.1	0.27	5	<0.5	<0.2
2307572	Drill Core	178	6.44	0.113	5	252	4.48	81	0.040	<20	3.19	0.023	0.12	0.4	<0.01	23.4	<0.1	1.31	11	0.5	<0.2
2307573	Drill Core	205	7.29	0.096	5	270	4.92	684	0.055	<20	3.15	0.023	0.05	0.4	0.01	19.7	<0.1	0.34	11	<0.5	<0.2
2307574	Drill Core	239	4.84	0.109	4	308	4.94	64	0.071	<20	3.60	0.035	0.05	0.2	<0.01	26.4	<0.1	1.32	15	1.8	<0.2
2307575	Drill Core	212	5.48	0.099	4	274	5.05	74	0.065	<20	3.41	0.026	0.04	0.2	<0.01	21.7	<0.1	1.21	12	1.8	<0.2
2307576	Drill Core	204	4.99	0.097	4	357	4.61	70	0.090	<20	3.12	0.028	0.12	0.5	<0.01	19.6	<0.1	0.92	13	1.2	<0.2
2307577	Rock	15	0.22	0.031	13	6	0.27	81	0.077	<20	0.60	0.083	0.33	<0.1	<0.01	1.6	0.1	<0.05	4	<0.5	<0.2
2307578	Drill Core	178	4.64	0.098	4	265	3.36	60	0.125	<20	1.97	0.031	0.14	0.8	<0.01	14.1	<0.1	0.77	8	1.4	0.3
2307579	Drill Core	190	5.95	0.098	5	206	4.32	63	0.053	<20	2.89	0.031	0.07	0.5	0.02	27.5	<0.1	1.11	11	1.0	<0.2
2307580	Drill Core	165	6.97	0.102	6	191	3.70	45	0.017	<20	2.36	0.023	0.15	0.2	0.01	22.8	<0.1	2.19	8	1.6	<0.2
2307581	Drill Core	25	3.44	0.133	9	7	1.12	167	<0.001	<20	0.99	0.043	0.22	0.2	<0.01	3.6	<0.1	1.54	3	1.1	<0.2
2307582	Drill Core	159	7.36	0.108	5	172	2.70	53	0.079	<20	2.03	0.026	0.15	0.3	<0.01	16.6	<0.1	0.26	7	<0.5	<0.2
2307583	Drill Core	175	1.43	0.103	3	184	1.61	17	0.184	<20	1.34	0.062	0.08	0.6	<0.01	4.2	<0.1	0.24	7	<0.5	<0.2
2307584	Drill Core	154	1.61	0.123	3	163	1.46	13	0.166	<20	1.41	0.062	0.07	0.6	<0.01	4.1	<0.1	1.06	7	1.3	<0.2
2307585	Drill Core	142	1.66	0.120	3	163	1.38	12	0.163	<20	1.39	0.059	0.06	0.6	<0.01	3.7	<0.1	1.16	8	<0.5	<0.2
2307586	Drill Core	172	1.83	0.107	3	167	1.74	18	0.190	<20	1.84	0.067	0.08	0.8	<0.01	5.8	<0.1	1.41	10	0.8	<0.2
2307587	Drill Core	74	1.36	0.107	5	32	1.24	21	0.172	<20	1.10	0.075	0.10	0.9	<0.01	5.6	<0.1	0.97	9	<0.5	<0.2
2307588	Drill Core	199	1.48	0.128	3	226	3.30	10	0.239	<20	2.52	0.048	0.07	0.7	<0.01	12.8	<0.1	2.69	18	2.3	<0.2
2307589	Rock	18	0.21	0.040	16	5	0.31	93	0.089	<20	0.70	0.094	0.41	<0.1	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
2307590	Drill Core	263	1.69	0.155	3	281	4.53	11	0.314	<20	3.57	0.033	0.09	1.2	0.01	25.2	<0.1	4.63	23	3.9	<0.2

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Method	Analyte	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
Unit		%	%	ppm
MDL		0.02	0.02	0.005
2307561	Drill Core	1.83	0.46	0.007
2307562	Drill Core	2.65	0.38	0.005
2307563	Drill Core	3.96	0.19	<0.005
2307564	Drill Core	5.01	0.21	0.008
2307565	Rock Pulp	0.15	0.27	<0.005
2307566	Drill Core	6.04	0.19	<0.005
2307567	Drill Core	6.05	0.20	<0.005
2307568	Drill Core	3.75	0.38	0.014
2307569	Drill Core	2.73	0.13	<0.005
2307570	Drill Core	5.37	0.62	0.013
2307571	Drill Core	5.42	0.31	0.006
2307572	Drill Core	2.37	1.48	0.017
2307573	Drill Core	2.94	0.39	0.033
2307574	Drill Core	1.77	1.46	0.034
2307575	Drill Core	2.29	1.33	0.035
2307576	Drill Core	1.73	1.06	0.054
2307577	Rock	0.03	<0.02	<0.005
2307578	Drill Core	2.09	0.81	0.033
2307579	Drill Core	2.48	1.22	0.035
2307580	Drill Core	3.07	2.29	0.027
2307581	Drill Core	1.53	1.65	0.027
2307582	Drill Core	2.95	0.28	0.010
2307583	Drill Core	0.24	0.24	0.007
2307584	Drill Core	0.18	1.10	0.013
2307585	Drill Core	0.18	1.24	0.025
2307586	Drill Core	0.18	1.47	0.024
2307587	Drill Core	0.33	0.95	0.064
2307588	Drill Core	0.23	2.72	0.076
2307589	Rock	0.02	<0.02	<0.005
2307590	Drill Core	0.17	4.82	0.123

CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307591	Drill Core	9.64	<0.001	0.044	<0.02	<0.01	<2	0.006	0.004	0.11	8.40	<0.02	0.03	<0.001	<0.01	<0.01	5.36	0.13	0.020	5.06	6.32
2307592	Drill Core	9.53	<0.001	0.081	<0.02	<0.01	<2	0.006	0.004	0.11	8.92	<0.02	0.03	<0.001	<0.01	<0.01	5.67	0.12	0.019	4.97	6.51
2307593	Rock Pulp	0.17	0.004	0.075	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.42	<0.02	0.06	<0.001	<0.01	<0.01	2.26	0.07	0.001	0.68	7.59
2307594	Drill Core	9.00	<0.001	0.074	<0.02	<0.01	<2	0.006	0.003	0.12	7.94	<0.02	0.03	<0.001	<0.01	<0.01	6.13	0.12	0.019	4.60	6.35
2307595	Drill Core	8.99	<0.001	0.054	<0.02	<0.01	<2	0.006	0.003	0.14	8.07	<0.02	0.04	<0.001	<0.01	<0.01	5.50	0.12	0.019	5.04	6.38
2307596	Drill Core	9.65	<0.001	0.030	<0.02	<0.01	<2	0.006	0.003	0.14	7.93	<0.02	0.04	<0.001	<0.01	<0.01	5.34	0.12	0.020	5.21	6.35
2307597 Dup of 2307596	CORE DUP		<0.001	0.028	<0.02	<0.01	<2	0.006	0.002	0.13	7.68	<0.02	0.04	<0.001	<0.01	<0.01	5.05	0.12	0.019	5.18	6.53
2307598	Drill Core	6.48	<0.001	0.039	<0.02	<0.01	<2	0.006	0.002	0.12	8.08	<0.02	0.03	<0.001	<0.01	<0.01	6.20	0.12	0.018	4.69	6.15
2307599	Drill Core	5.62	<0.001	0.044	<0.02	<0.01	<2	0.005	0.003	0.19	6.30	<0.02	0.03	<0.001	<0.01	<0.01	10.42	0.10	0.014	3.79	5.39
2307600	Drill Core	6.54	<0.001	0.007	<0.02	<0.01	<2	0.005	0.002	0.17	7.53	<0.02	0.02	<0.001	<0.01	<0.01	8.68	0.11	0.017	4.53	5.95
2307601	Drill Core	8.96	<0.001	0.033	<0.02	<0.01	<2	0.006	0.003	0.14	8.50	<0.02	0.05	<0.001	<0.01	<0.01	6.69	0.11	0.017	4.96	6.18
2307602	Drill Core	7.18	<0.001	0.012	<0.02	<0.01	<2	0.006	0.003	0.15	8.48	<0.02	0.05	<0.001	<0.01	<0.01	6.93	0.12	0.019	5.30	6.03
2307603 Dup of 2307602	CORE DUP		<0.001	0.012	<0.02	<0.01	<2	0.006	0.003	0.15	8.46	<0.02	0.05	<0.001	<0.01	<0.01	6.63	0.12	0.019	5.23	6.31
2307604	Drill Core	10.66	<0.001	0.010	<0.02	<0.01	<2	0.005	0.003	0.16	8.23	<0.02	0.04	<0.001	<0.01	<0.01	6.91	0.11	0.019	5.34	6.01
2307605	Drill Core	10.49	<0.001	0.029	<0.02	<0.01	<2	0.007	0.005	0.15	8.78	<0.02	0.04	<0.001	<0.01	<0.01	6.35	0.13	0.020	5.41	6.48
2307606	Drill Core	5.40	<0.001	0.017	<0.02	<0.01	<2	0.007	0.005	0.14	8.93	<0.02	0.04	<0.001	<0.01	<0.01	6.13	0.12	0.018	4.94	6.25
2307607	Drill Core	4.80	<0.001	0.017	<0.02	<0.01	<2	0.007	0.005	0.14	8.80	<0.02	0.04	<0.001	<0.01	<0.01	6.16	0.12	0.017	4.98	6.26
2307608	Drill Core	5.77	<0.001	0.019	<0.02	<0.01	<2	0.007	0.004	0.15	7.90	<0.02	0.03	<0.001	<0.01	<0.01	7.49	0.12	0.017	4.39	5.87
2307609	Rock	4.69	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.62	<0.02	0.06	<0.001	<0.01	<0.01	1.67	0.04	<0.001	0.28	6.68
2307610	Drill Core	5.64	<0.001	0.016	<0.02	<0.01	<2	0.007	0.004	0.13	8.03	<0.02	0.02	<0.001	<0.01	<0.01	6.76	0.12	0.019	3.63	5.86
2307611	Drill Core	5.96	<0.001	0.023	<0.02	<0.01	<2	0.007	0.003	0.16	8.03	<0.02	0.03	<0.001	<0.01	<0.01	6.43	0.12	0.019	3.87	6.00
2307612	Drill Core	5.79	<0.001	0.011	<0.02	<0.01	<2	0.006	0.004	0.15	7.77	<0.02	0.03	<0.001	<0.01	<0.01	7.51	0.12	0.016	3.46	5.91
2307613	Drill Core	5.78	<0.001	0.028	<0.02	<0.01	<2	0.002	0.002	0.07	4.48	<0.02	0.05	<0.001	<0.01	<0.01	2.49	0.12	0.002	1.86	8.27
2307614	Drill Core	7.55	<0.001	0.032	<0.02	<0.01	<2	0.001	0.002	0.05	4.48	<0.02	0.04	<0.001	<0.01	<0.01	2.50	0.12	<0.001	1.47	7.64
2307615	Drill Core	7.50	<0.001	0.063	<0.02	<0.01	<2	0.001	0.002	0.04	4.33	<0.02	0.05	<0.001	<0.01	<0.01	1.64	0.13	<0.001	1.29	9.11
2307616	Drill Core	7.06	<0.001	0.116	<0.02	<0.01	<2	<0.001	0.002	0.04	3.86	<0.02	0.04	<0.001	<0.01	<0.01	1.38	0.12	<0.001	1.09	9.31
2307617	Drill Core	6.10	<0.001	0.014	<0.02	<0.01	<2	0.004	0.003	0.15	6.85	<0.02	0.04	<0.001	<0.01	<0.01	4.25	0.12	0.010	3.51	7.72
2307618	Drill Core	8.98	<0.001	0.009	<0.02	<0.01	<2	0.001	0.002	0.10	4.93	<0.02	0.05	<0.001	<0.01	<0.01	3.26	0.10	0.005	2.24	8.38
2307619	Drill Core	3.71	<0.001	0.013	<0.02	<0.01	<2	0.002	0.002	0.07	4.28	<0.02	0.05	<0.001	<0.01	<0.01	2.82	0.09	0.002	1.85	7.78
2307620	Rock Pulp	0.17	0.018	0.191	<0.02	0.03	<2	0.004	0.002	0.07	4.20	<0.02	0.03	<0.001	<0.01	<0.01	2.53	0.06	0.004	1.32	5.98

CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307591	Drill Core	2.37	1.62	<0.01	1.31	2.3	461.3	2.4	17	0.3	36.6	38.1	312	5.10	5.8	34.2	0.4	23	0.4	0.4	<0.1
2307592	Drill Core	1.82	1.53	<0.01	2.00	2.5	816.5	3.3	26	0.3	50.4	47.4	552	6.70	6.2	24.4	0.5	47	0.3	0.4	<0.1
2307593	Rock Pulp	3.22	1.09	<0.01	0.24	39.2	737.2	25.3	51	0.4	8.7	9.4	240	2.25	3.1	5.6	3.3	57	0.2	0.1	0.2
2307594	Drill Core	2.25	1.16	<0.01	1.55	3.3	721.8	2.8	41	0.3	47.6	33.0	679	5.77	5.0	9.8	0.4	60	<0.1	0.4	<0.1
2307595	Drill Core	2.58	1.15	<0.01	1.11	1.1	546.2	2.2	34	0.3	40.3	29.6	489	4.99	5.7	87.4	0.4	40	0.3	0.3	0.3
2307596	Drill Core	2.33	1.52	<0.01	0.80	10.7	320.4	6.6	22	0.2	34.5	21.3	401	4.55	6.4	11.0	0.4	28	0.9	0.4	0.2
2307597 Dup of 2307596	CORE DUP	2.47	1.58	<0.01	0.69	8.0	302.4	7.3	24	0.2	33.4	19.9	383	4.29	6.4	8.7	0.4	27	1.1	0.4	0.1
2307598	Drill Core	2.01	1.52	<0.01	0.23	4.7	411.0	4.8	37	0.2	43.5	24.8	643	5.71	4.5	86.8	0.4	59	<0.1	0.3	<0.1
2307599	Drill Core	1.48	0.50	<0.01	0.65	5.7	445.4	8.7	75	0.2	53.6	37.2	1806	5.74	4.4	25.9	0.3	189	0.2	0.1	<0.1
2307600	Drill Core	1.38	0.36	<0.01	<0.05	1.0	67.9	1.6	86	<0.1	53.1	29.5	1577	6.64	2.5	8.5	0.4	138	<0.1	<0.1	<0.1
2307601	Drill Core	1.91	1.31	<0.01	0.07	0.7	346.0	5.5	31	0.2	35.7	23.9	563	5.79	5.1	16.2	0.4	53	<0.1	0.3	<0.1
2307602	Drill Core	1.85	1.40	<0.01	<0.05	0.5	128.3	2.1	33	0.1	35.7	23.7	607	5.68	2.9	7.5	0.4	88	<0.1	0.3	<0.1
2307603 Dup of 2307602	CORE DUP	1.96	1.41	<0.01	<0.05	0.4	124.2	2.3	37	<0.1	34.9	23.2	566	5.46	2.8	5.6	0.5	69	<0.1	0.2	<0.1
2307604	Drill Core	1.86	1.37	<0.01	<0.05	0.3	108.8	5.0	36	0.2	31.9	21.9	508	5.37	4.0	6.7	0.5	48	<0.1	0.4	<0.1
2307605	Drill Core	1.97	1.11	<0.01	0.38	1.3	296.9	17.4	37	0.2	40.6	26.5	483	5.50	6.4	26.6	0.5	40	<0.1	0.5	0.1
2307606	Drill Core	1.96	1.08	<0.01	0.94	0.6	188.2	5.1	26	0.2	33.0	31.7	419	5.51	5.2	9.6	0.5	42	<0.1	0.5	0.1
2307607	Drill Core	1.96	1.09	<0.01	0.71	0.4	198.9	10.0	27	0.2	36.6	26.9	427	5.51	5.0	14.5	0.5	43	<0.1	0.4	0.1
2307608	Drill Core	1.43	1.01	<0.01	0.19	0.7	191.1	27.5	71	0.2	49.1	33.1	1076	5.82	6.3	7.4	0.4	86	<0.1	0.4	<0.1
2307609	Rock	2.98	1.33	<0.01	<0.05	0.3	9.0	1.6	54	<0.1	1.6	2.8	369	1.67	0.5	<0.5	6.9	28	<0.1	<0.1	<0.1
2307610	Drill Core	1.97	1.07	<0.01	0.07	0.9	175.6	4.8	65	<0.1	56.6	30.6	1107	6.59	4.1	27.0	0.4	102	<0.1	0.3	<0.1
2307611	Drill Core	2.21	0.98	<0.01	<0.05	2.0	254.9	3.0	53	<0.1	49.0	26.2	1015	6.01	3.7	20.4	0.4	81	<0.1	0.2	<0.1
2307612	Drill Core	2.11	1.06	<0.01	<0.05	1.1	112.8	2.6	76	<0.1	51.4	32.4	1366	6.47	4.2	10.7	0.5	104	<0.1	0.2	<0.1
2307613	Drill Core	4.75	1.12	<0.01	0.31	1.4	305.5	4.6	53	0.1	17.6	22.7	655	4.14	5.4	30.7	0.8	43	<0.1	0.2	<0.1
2307614	Drill Core	5.29	0.90	<0.01	0.06	2.0	353.2	2.0	42	0.1	6.7	17.3	483	4.18	3.4	33.9	0.6	55	<0.1	0.2	<0.1
2307615	Drill Core	5.40	1.04	<0.01	0.32	6.1	665.1	1.2	38	0.2	5.0	22.1	435	4.02	4.0	48.1	0.7	35	<0.1	0.2	<0.1
2307616	Drill Core	5.85	1.04	<0.01	0.36	5.1	1240.4	1.0	34	0.2	5.1	20.0	385	3.66	4.5	39.4	0.8	34	<0.1	0.2	<0.1
2307617	Drill Core	3.51	1.02	<0.01	0.16	0.6	168.4	3.4	45	0.1	28.1	24.4	738	5.04	6.3	10.9	0.7	46	0.1	0.2	<0.1
2307618	Drill Core	3.55	1.00	<0.01	0.22	1.7	104.7	6.5	38	<0.1	14.8	19.2	597	4.09	3.7	8.4	1.6	53	0.2	0.3	<0.1
2307619	Drill Core	3.18	1.12	<0.01	0.54	2.2	156.1	3.6	34	<0.1	13.7	22.0	570	3.84	3.0	8.2	1.8	66	0.4	0.2	<0.1
2307620	Rock Pulp	2.29	0.88	<0.01	0.32	195.2	2004.6	45.0	276	0.7	31.5	10.5	474	3.17	17.3	75.5	1.0	49	0.9	0.6	0.2

CERTIFICATE OF ANALYSIS

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307591	Drill Core	166	1.11	0.121	3	165	1.60	9	0.187	<20	1.43	0.048	0.07	0.6	<0.01	3.4	<0.1	1.25	8	1.3	<0.2
2307592	Drill Core	204	2.76	0.118	3	200	2.48	14	0.221	<20	2.29	0.054	0.12	0.7	<0.01	8.6	<0.1	1.98	11	2.9	<0.2
2307593	Rock Pulp	39	0.67	0.068	9	13	0.61	54	0.051	<20	0.95	0.075	0.16	1.2	<0.01	2.3	<0.1	0.25	5	<0.5	<0.2
2307594	Drill Core	200	3.83	0.110	3	190	2.58	11	0.185	<20	2.24	0.043	0.09	1.8	<0.01	12.0	<0.1	1.44	12	1.5	<0.2
2307595	Drill Core	178	2.27	0.120	3	172	1.99	10	0.187	<20	1.65	0.059	0.07	0.4	<0.01	6.0	0.1	1.06	8	<0.5	<0.2
2307596	Drill Core	160	1.41	0.117	3	163	1.62	14	0.188	<20	1.40	0.052	0.08	0.6	<0.01	2.9	<0.1	0.79	8	0.8	<0.2
2307597 Dup of 2307596	CORE DUP	156	1.36	0.122	3	154	1.57	13	0.171	<20	1.39	0.053	0.08	0.5	<0.01	2.7	<0.1	0.67	8	<0.5	<0.2
2307598	Drill Core	206	3.71	0.127	3	200	2.39	20	0.156	<20	1.86	0.046	0.16	0.6	<0.01	11.4	<0.1	0.26	9	<0.5	<0.2
2307599	Drill Core	198	9.72	0.094	6	197	3.53	233	0.030	<20	3.38	0.016	0.06	0.2	<0.01	21.6	<0.1	0.58	11	0.6	<0.2
2307600	Drill Core	228	7.79	0.105	7	218	4.04	16	0.042	<20	4.01	0.012	0.06	0.5	<0.01	24.6	<0.1	<0.05	13	<0.5	<0.2
2307601	Drill Core	203	2.66	0.121	3	173	1.79	23	0.138	<20	1.50	0.066	0.10	0.3	<0.01	8.3	<0.1	0.11	7	0.5	<0.2
2307602	Drill Core	201	2.96	0.111	3	182	1.93	33	0.153	<20	1.53	0.065	0.09	0.3	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
2307603 Dup of 2307602	CORE DUP	198	2.75	0.118	4	174	1.83	21	0.155	<20	1.45	0.064	0.09	0.3	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
2307604	Drill Core	195	2.15	0.110	4	170	1.53	16	0.138	<20	1.39	0.067	0.09	0.4	<0.01	6.2	<0.1	<0.05	7	1.5	<0.2
2307605	Drill Core	199	1.78	0.136	4	186	1.84	19	0.199	<20	1.89	0.079	0.10	0.5	<0.01	5.1	<0.1	0.47	9	0.8	<0.2
2307606	Drill Core	179	1.64	0.134	3	191	1.53	20	0.189	<20	1.48	0.088	0.11	0.5	<0.01	3.9	<0.1	0.93	7	<0.5	<0.2
2307607	Drill Core	184	1.67	0.130	4	182	1.56	18	0.198	<20	1.51	0.089	0.11	0.4	<0.01	3.8	<0.1	0.72	7	0.6	<0.2
2307608	Drill Core	195	5.16	0.120	4	213	3.16	18	0.145	<20	2.65	0.043	0.09	0.8	<0.01	15.1	<0.1	0.18	11	<0.5	<0.2
2307609	Rock	17	0.21	0.037	16	5	0.30	97	0.093	<20	0.65	0.089	0.37	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2
2307610	Drill Core	223	5.66	0.125	4	227	3.23	25	0.097	<20	2.77	0.043	0.10	0.4	<0.01	22.9	<0.1	0.07	10	<0.5	<0.2
2307611	Drill Core	222	4.52	0.137	5	213	2.39	22	0.110	<20	2.14	0.057	0.11	0.3	<0.01	16.1	<0.1	<0.05	9	<0.5	<0.2
2307612	Drill Core	238	6.43	0.122	5	229	3.13	27	0.131	<20	2.63	0.046	0.09	0.4	<0.01	22.3	<0.1	<0.05	11	<0.5	<0.2
2307613	Drill Core	64	2.30	0.136	6	12	1.94	27	0.123	<20	2.07	0.081	0.18	0.2	<0.01	5.6	<0.1	0.31	11	0.9	<0.2
2307614	Drill Core	74	2.25	0.130	6	5	1.57	128	0.092	<20	1.72	0.094	0.13	0.2	<0.01	6.7	<0.1	0.07	10	<0.5	<0.2
2307615	Drill Core	43	1.37	0.144	8	5	1.30	41	0.072	<20	1.60	0.099	0.18	0.2	<0.01	4.4	<0.1	0.33	10	0.6	<0.2
2307616	Drill Core	33	1.22	0.130	8	4	1.10	84	0.049	<20	1.45	0.104	0.16	0.2	<0.01	3.1	<0.1	0.38	10	<0.5	<0.2
2307617	Drill Core	133	2.09	0.129	5	117	1.79	48	0.156	<20	1.69	0.095	0.12	0.3	<0.01	5.6	<0.1	0.16	9	<0.5	<0.2
2307618	Drill Core	145	1.82	0.111	6	49	1.49	106	0.206	<20	1.57	0.110	0.16	0.4	<0.01	7.0	<0.1	0.24	8	<0.5	<0.2
2307619	Drill Core	122	1.91	0.097	7	42	1.77	109	0.163	<20	1.78	0.091	0.18	0.2	<0.01	9.3	<0.1	0.55	8	<0.5	<0.2
2307620	Rock Pulp	67	0.92	0.060	5	39	0.84	213	0.140	<20	1.79	0.111	0.16	4.3	0.11	5.5	0.1	0.35	6	<0.5	<0.2

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method Analyte	Unit	2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
MDL		%	%	ppm
2307591	Drill Core	0.12	1.34	0.036
2307592	Drill Core	0.66	2.16	0.036
2307593	Rock Pulp	0.16	0.25	<0.005
2307594	Drill Core	1.16	1.63	0.019
2307595	Drill Core	0.62	1.10	0.109
2307596	Drill Core	0.26	0.85	0.037
2307597 Dup of 2307596	CORE DUP	0.23	0.74	0.046
2307598	Drill Core	1.12	0.25	0.032
2307599	Drill Core	3.30	0.67	0.026
2307600	Drill Core	2.68	0.05	0.009
2307601	Drill Core	0.70	0.11	0.017
2307602	Drill Core	0.80	0.03	0.015
2307603 Dup of 2307602	CORE DUP	0.74	0.03	0.010
2307604	Drill Core	0.45	<0.02	0.012
2307605	Drill Core	0.19	0.50	0.032
2307606	Drill Core	0.22	0.98	0.018
2307607	Drill Core	0.21	0.71	0.017
2307608	Drill Core	1.62	0.19	0.023
2307609	Rock	0.03	<0.02	<0.005
2307610	Drill Core	1.86	0.08	0.018
2307611	Drill Core	1.43	0.04	0.374
2307612	Drill Core	2.24	0.03	0.014
2307613	Drill Core	0.60	0.32	0.034
2307614	Drill Core	0.62	0.07	0.025
2307615	Drill Core	0.35	0.33	0.042
2307616	Drill Core	0.28	0.37	0.057
2307617	Drill Core	0.45	0.16	0.008
2307618	Drill Core	0.35	0.22	0.005
2307619	Drill Core	0.46	0.51	0.006
2307620	Rock Pulp	0.10	0.36	0.231



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 Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

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Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307621	Drill Core	2.49	<0.001	0.011	<0.02	<0.01	<2	0.002	0.002	0.03	3.01	<0.02	0.02	<0.001	<0.01	<0.01	0.87	0.08	<0.001	1.19	7.79
2307622	Drill Core	2.71	<0.001	0.010	<0.02	<0.01	<2	0.001	0.002	0.03	2.96	<0.02	0.02	<0.001	<0.01	<0.01	0.95	0.07	0.001	1.19	7.84
2307623	Drill Core	6.20	<0.001	0.021	<0.02	<0.01	<2	0.003	0.002	0.08	5.41	<0.02	0.04	<0.001	<0.01	<0.01	3.32	0.10	0.006	2.52	8.11
2307624	Drill Core	9.40	<0.001	0.024	<0.02	<0.01	<2	0.006	0.004	0.14	8.09	<0.02	0.05	<0.001	<0.01	<0.01	6.50	0.12	0.019	4.46	5.88
2307625	Drill Core	7.28	<0.001	0.117	<0.02	<0.01	<2	<0.001	0.001	0.03	1.88	<0.02	0.03	<0.001	<0.01	<0.01	1.58	0.08	0.002	1.06	7.79
2307626	Drill Core	9.17	<0.001	0.019	<0.02	<0.01	<2	0.003	0.003	0.11	6.18	<0.02	0.05	<0.001	<0.01	<0.01	4.88	0.11	0.012	3.44	7.28
2307627	Rock Pulp	0.17	0.004	0.073	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.46	<0.02	0.05	<0.001	<0.01	<0.01	2.15	0.07	<0.001	0.68	7.35
2307628	Drill Core	4.65	<0.001	<0.001	<0.02	<0.01	<2	0.004	0.003	0.15	6.29	<0.02	0.02	<0.001	<0.01	<0.01	9.31	0.10	0.013	3.68	5.18
2307629	Drill Core	8.51	<0.001	<0.001	<0.02	<0.01	<2	0.005	0.004	0.14	7.87	<0.02	0.04	<0.001	<0.01	<0.01	6.90	0.12	0.016	4.23	6.05
2307630	Drill Core	9.57	<0.001	0.002	<0.02	<0.01	<2	0.005	0.003	0.14	7.15	<0.02	0.04	<0.001	<0.01	<0.01	7.44	0.11	0.016	4.00	5.88
2307631	Drill Core	9.48	<0.001	<0.001	<0.02	<0.01	<2	0.005	0.004	0.15	8.15	<0.02	0.04	<0.001	<0.01	<0.01	6.64	0.12	0.018	4.67	6.07
2307632	Drill Core	4.77	<0.001	0.005	<0.02	<0.01	<2	0.006	0.004	0.13	7.87	<0.02	0.03	<0.001	<0.01	<0.01	6.22	0.12	0.016	4.49	6.26
2307633	Drill Core	5.68	<0.001	0.005	<0.02	<0.01	<2	0.005	0.004	0.11	7.09	<0.02	0.04	<0.001	<0.01	<0.01	5.57	0.12	0.015	3.63	6.55
2307634	Drill Core	1.95	<0.001	0.001	<0.02	<0.01	<2	<0.001	0.001	0.04	2.89	<0.02	0.02	<0.001	<0.01	<0.01	1.98	0.07	0.001	1.36	6.52
2307635	Drill Core	8.19	<0.001	<0.001	<0.02	<0.01	<2	0.005	0.004	0.13	7.58	<0.02	0.03	<0.001	<0.01	<0.01	6.14	0.11	0.018	4.07	5.76
2307636	Drill Core	6.89	<0.001	<0.001	<0.02	<0.01	<2	0.005	0.004	0.15	7.17	<0.02	0.03	<0.001	<0.01	<0.01	6.18	0.12	0.017	4.50	6.01
2307637	Rock	4.39	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.33	<0.02	0.05	<0.001	<0.01	<0.01	1.35	0.03	<0.001	0.22	6.54
2307638	Drill Core	8.05	<0.001	0.003	<0.02	<0.01	<2	0.005	0.004	0.15	7.85	<0.02	0.03	<0.001	<0.01	<0.01	6.61	0.12	0.018	4.38	6.04
2307639	Drill Core	7.81	<0.001	0.008	<0.02	<0.01	<2	0.006	0.004	0.15	8.20	<0.02	0.03	<0.001	<0.01	<0.01	6.83	0.12	0.019	4.82	5.84
2307640	Drill Core	3.79	<0.001	0.014	<0.02	<0.01	<2	0.006	0.003	0.15	8.28	<0.02	0.03	<0.001	<0.01	<0.01	6.80	0.12	0.018	4.88	5.86



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 Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

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Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307621	Drill Core	5.14	1.26	<0.01	1.41	3.2	128.3	1.1	25	<0.1	10.9	17.0	297	3.02	3.4	10.0	2.8	50	<0.1	0.2	<0.1
2307622	Drill Core	5.12	1.21	<0.01	1.46	2.9	113.4	0.9	26	<0.1	10.9	17.0	303	3.02	3.5	6.6	2.9	57	<0.1	0.1	<0.1
2307623	Drill Core	3.16	1.06	<0.01	0.06	1.6	221.7	1.2	60	<0.1	21.4	21.6	740	4.50	2.0	6.1	1.1	121	<0.1	0.2	<0.1
2307624	Drill Core	1.78	0.94	<0.01	0.13	0.8	269.9	2.5	48	0.1	48.7	29.9	907	5.93	4.7	9.9	0.4	190	<0.1	0.3	<0.1
2307625	Drill Core	5.68	0.78	<0.01	0.23	5.7	1266.3	1.0	25	0.1	13.2	14.6	350	1.93	4.2	9.1	2.8	70	<0.1	0.3	<0.1
2307626	Drill Core	3.24	1.03	<0.01	0.06	0.8	196.8	4.3	42	<0.1	31.8	20.3	775	4.62	4.3	6.4	0.8	131	<0.1	0.3	<0.1
2307627	Rock Pulp	3.24	1.04	<0.01	0.24	42.3	763.4	25.2	51	0.4	9.1	9.1	256	2.40	3.3	<0.5	3.3	65	0.3	<0.1	0.2
2307628	Drill Core	1.32	0.32	<0.01	0.44	1.1	4.0	2.1	71	<0.1	47.2	24.6	1499	5.44	2.1	1.5	0.3	175	<0.1	<0.1	<0.1
2307629	Drill Core	2.10	0.94	<0.01	<0.05	0.1	4.7	1.6	54	<0.1	41.2	27.7	930	5.90	5.0	0.8	0.5	111	<0.1	0.3	<0.1
2307630	Drill Core	2.07	0.68	<0.01	<0.05	0.5	18.9	1.6	57	<0.1	43.5	25.9	1152	5.59	5.8	<0.5	0.3	159	<0.1	0.2	<0.1
2307631	Drill Core	2.50	0.81	<0.01	<0.05	0.2	2.4	1.2	45	<0.1	38.0	21.7	803	6.07	9.5	<0.5	0.4	73	<0.1	0.4	<0.1
2307632	Drill Core	1.86	0.91	<0.01	<0.05	0.2	57.5	1.1	55	<0.1	56.4	34.8	1088	6.41	3.5	<0.5	0.4	101	<0.1	0.3	<0.1
2307633	Drill Core	2.51	0.97	<0.01	0.26	1.2	53.0	1.2	48	<0.1	39.8	29.4	948	5.97	3.1	<0.5	0.7	106	<0.1	0.2	<0.1
2307634	Drill Core	3.64	1.14	<0.01	0.83	2.6	15.2	1.6	29	<0.1	11.5	14.8	460	2.84	4.7	3.3	2.5	60	<0.1	0.1	<0.1
2307635	Drill Core	2.28	0.87	<0.01	<0.05	0.1	3.8	1.3	59	<0.1	49.6	27.7	1046	6.09	6.3	<0.5	0.4	99	<0.1	0.3	<0.1
2307636	Drill Core	2.57	1.00	<0.01	<0.05	0.1	17.3	1.9	76	<0.1	44.7	26.8	997	5.18	7.3	3.4	0.4	89	<0.1	0.7	<0.1
2307637	Rock	2.83	1.42	<0.01	<0.05	0.3	11.6	1.6	48	<0.1	1.3	2.1	318	1.34	0.9	<0.5	6.9	23	<0.1	<0.1	<0.1
2307638	Drill Core	2.18	0.92	<0.01	<0.05	0.2	35.3	2.4	59	<0.1	32.7	24.7	864	5.30	7.7	3.2	0.4	58	<0.1	0.6	<0.1
2307639	Drill Core	2.20	1.01	<0.01	<0.05	0.3	85.4	3.3	38	0.1	32.9	18.4	635	5.33	6.2	2.6	0.4	48	<0.1	0.5	<0.1
2307640	Drill Core	2.04	1.85	<0.01	<0.05	0.3	164.1	4.4	45	0.3	35.4	20.8	685	5.70	6.7	2.9	0.3	39	<0.1	0.5	<0.1

CERTIFICATE OF ANALYSIS

SMI13000410.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307621	Drill Core	61	0.92	0.075	8	23	1.21	152	0.036	<20	1.26	0.088	0.13	0.2	<0.01	4.0	<0.1	1.46	9	1.0	<0.2
2307622	Drill Core	59	1.01	0.072	7	23	1.23	168	0.037	<20	1.24	0.081	0.12	0.2	<0.01	4.1	<0.1	1.51	9	0.8	<0.2
2307623	Drill Core	144	2.90	0.105	8	72	2.46	204	0.070	<20	2.32	0.058	0.16	0.2	<0.01	15.0	<0.1	0.06	10	<0.5	<0.2
2307624	Drill Core	206	4.38	0.114	4	215	2.98	251	0.127	<20	2.25	0.064	0.11	0.4	<0.01	18.0	<0.1	0.13	9	<0.5	<0.2
2307625	Drill Core	61	1.75	0.085	7	24	1.11	108	0.015	<20	1.23	0.101	0.14	<0.1	<0.01	4.3	<0.1	0.25	8	0.6	<0.2
2307626	Drill Core	174	3.45	0.111	5	130	2.48	139	0.124	<20	2.00	0.079	0.11	0.3	<0.01	13.4	<0.1	0.07	9	<0.5	<0.2
2307627	Rock Pulp	42	0.72	0.078	9	13	0.65	59	0.055	<20	1.05	0.084	0.17	0.8	<0.01	2.4	<0.1	0.27	5	<0.5	<0.2
2307628	Drill Core	164	8.16	0.099	8	179	3.68	38	0.014	<20	3.39	0.028	0.09	0.2	<0.01	18.8	<0.1	0.42	11	0.7	<0.2
2307629	Drill Core	203	4.64	0.129	4	185	2.79	38	0.096	<20	2.18	0.070	0.11	0.2	<0.01	17.0	<0.1	<0.05	8	<0.5	<0.2
2307630	Drill Core	202	5.91	0.109	5	197	3.25	90	0.070	<20	2.56	0.050	0.11	0.2	<0.01	19.6	<0.1	<0.05	9	<0.5	<0.2
2307631	Drill Core	200	3.76	0.122	3	196	2.44	22	0.126	<20	1.80	0.089	0.09	0.3	<0.01	10.8	<0.1	<0.05	8	<0.5	<0.2
2307632	Drill Core	226	5.08	0.116	4	207	3.87	92	0.128	<20	3.09	0.040	0.13	0.2	<0.01	20.9	<0.1	<0.05	11	<0.5	<0.2
2307633	Drill Core	205	4.50	0.119	5	158	3.18	81	0.103	<20	2.75	0.079	0.12	0.1	<0.01	19.0	<0.1	0.25	9	<0.5	<0.2
2307634	Drill Core	42	2.19	0.068	6	15	1.36	24	0.008	<20	1.59	0.063	0.18	<0.1	<0.01	3.1	<0.1	0.86	6	0.8	<0.2
2307635	Drill Core	206	5.00	0.120	3	206	3.35	57	0.101	<20	2.46	0.065	0.06	0.3	<0.01	17.4	<0.1	<0.05	9	<0.5	<0.2
2307636	Drill Core	174	4.22	0.118	3	185	3.07	43	0.139	<20	2.24	0.080	0.05	0.6	<0.01	11.0	<0.1	<0.05	10	<0.5	<0.2
2307637	Rock	13	0.17	0.028	13	3	0.23	63	0.072	<20	0.56	0.086	0.33	<0.1	<0.01	1.5	0.3	<0.05	3	<0.5	<0.2
2307638	Drill Core	168	4.17	0.110	3	174	2.54	40	0.156	<20	1.85	0.072	0.08	0.7	<0.01	9.5	<0.1	<0.05	9	<0.5	<0.2
2307639	Drill Core	169	3.18	0.122	3	173	1.81	33	0.146	<20	1.46	0.075	0.12	0.6	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
2307640	Drill Core	185	3.29	0.126	3	193	1.94	40	0.116	<20	1.57	0.074	0.11	0.6	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2

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Project: 204920

Report Date: November 25, 2013

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CERTIFICATE OF ANALYSIS

SMI13000410.1

	Method	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
	Analyte			
	Unit	%	%	ppm
	MDL	0.02	0.02	0.005
2307621	Drill Core	0.24	1.43	0.008
2307622	Drill Core	0.27	1.50	0.007
2307623	Drill Core	0.90	0.06	0.013
2307624	Drill Core	1.31	0.13	0.015
2307625	Drill Core	0.50	0.24	0.025
2307626	Drill Core	1.00	0.06	0.017
2307627	Rock Pulp	0.13	0.26	<0.005
2307628	Drill Core	3.06	0.46	<0.005
2307629	Drill Core	1.38	<0.02	0.007
2307630	Drill Core	1.95	<0.02	<0.005
2307631	Drill Core	1.04	<0.02	<0.005
2307632	Drill Core	1.54	0.03	<0.005
2307633	Drill Core	1.35	0.26	0.005
2307634	Drill Core	0.64	0.85	0.010
2307635	Drill Core	1.48	<0.02	<0.005
2307636	Drill Core	1.18	<0.02	0.011
2307637	Rock	0.03	<0.02	<0.005
2307638	Drill Core	1.18	0.03	0.014
2307639	Drill Core	0.84	<0.02	0.005
2307640	Drill Core	0.84	<0.02	0.009

QUALITY CONTROL REPORT

SMI13000410.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
2307508	Drill Core	9.54	0.020	0.337	<0.02	<0.01	3	0.010	0.004	0.15	8.10	<0.02	0.03	<0.001	<0.01	<0.01	7.80	0.12	0.031	6.20	5.94
REP 2307508	QC		0.020	0.343	<0.02	<0.01	2	0.010	0.004	0.16	8.05	<0.02	0.03	<0.001	<0.01	<0.01	7.80	0.12	0.031	6.31	6.04
2307509	Drill Core	8.61	0.002	0.055	<0.02	<0.01	<2	0.009	0.003	0.14	7.60	<0.02	0.03	<0.001	<0.01	<0.01	7.73	0.11	0.029	5.89	5.83
REP 2307509	QC																				
2307524	Drill Core	6.35	<0.001	0.042	<0.02	<0.01	<2	0.010	0.004	0.16	8.16	<0.02	0.03	<0.001	<0.01	<0.01	6.42	0.12	0.029	6.77	5.87
REP 2307524	QC																				
2307532	Drill Core	8.60	<0.001	0.060	<0.02	<0.01	<2	0.010	0.004	0.14	8.11	<0.02	0.03	<0.001	<0.01	<0.01	6.67	0.11	0.036	6.38	5.54
REP 2307532	QC																				
2307544	Drill Core	4.36	0.002	0.033	<0.02	<0.01	<2	0.010	0.005	0.15	8.34	<0.02	0.04	<0.001	<0.01	<0.01	6.72	0.13	0.030	6.41	6.11
REP 2307544	QC																				
2307553	Drill Core	9.78	<0.001	0.028	<0.02	0.01	<2	0.010	0.004	0.14	7.38	<0.02	0.03	<0.001	<0.01	<0.01	5.76	0.12	0.028	6.40	6.02
REP 2307553	QC		<0.001	0.028	<0.02	0.01	<2	0.010	0.004	0.14	7.45	<0.02	0.03	<0.001	<0.01	<0.01	5.83	0.12	0.027	6.39	6.05
2307560	Drill Core	8.77	<0.001	0.026	<0.02	<0.01	<2	0.010	0.004	0.15	7.68	<0.02	0.04	<0.001	<0.01	<0.01	5.77	0.12	0.026	6.49	5.72
REP 2307560	QC																				
2307564	Drill Core	8.39	<0.001	0.020	<0.02	<0.01	<2	0.008	0.003	0.18	6.80	<0.02	0.02	<0.001	<0.01	<0.01	10.02	0.10	0.024	4.13	4.91
REP 2307564	QC																				
2307579	Drill Core	7.22	<0.001	0.092	<0.02	<0.01	<2	0.006	0.004	0.12	7.51	<0.02	0.02	<0.001	<0.01	<0.01	6.64	0.10	0.019	4.83	5.72
REP 2307579	QC		<0.001	0.092	<0.02	<0.01	<2	0.006	0.004	0.12	7.62	<0.02	0.02	<0.001	<0.01	<0.01	6.71	0.10	0.018	4.87	5.77
2307580	Drill Core	9.59	<0.001	0.074	<0.02	<0.01	<2	0.006	0.004	0.14	7.33	<0.02	0.02	<0.001	<0.01	<0.01	7.71	0.10	0.017	4.22	5.36
REP 2307580	QC																				
2307595	Drill Core	8.99	<0.001	0.054	<0.02	<0.01	<2	0.006	0.003	0.14	8.07	<0.02	0.04	<0.001	<0.01	<0.01	5.50	0.12	0.019	5.04	6.38
REP 2307595	QC																				
2307608	Drill Core	5.77	<0.001	0.019	<0.02	<0.01	<2	0.007	0.004	0.15	7.90	<0.02	0.03	<0.001	<0.01	<0.01	7.49	0.12	0.017	4.39	5.87
REP 2307608	QC																				
2307615	Drill Core	7.50	<0.001	0.063	<0.02	<0.01	<2	0.001	0.002	0.04	4.33	<0.02	0.05	<0.001	<0.01	<0.01	1.64	0.13	<0.001	1.29	9.11
REP 2307615	QC																				
2307624	Drill Core	9.40	<0.001	0.024	<0.02	<0.01	<2	0.006	0.004	0.14	8.09	<0.02	0.05	<0.001	<0.01	<0.01	6.50	0.12	0.019	4.46	5.88
REP 2307624	QC		<0.001	0.024	<0.02	<0.01	<2	0.006	0.004	0.14	8.14	<0.02	0.05	<0.001	<0.01	<0.01	6.55	0.12	0.020	4.48	5.99

QUALITY CONTROL REPORT

SMI13000410.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
Pulp Duplicates																						
2307508	Drill Core	1.53	1.30	<0.01	0.44	205.6	3457.4	11.2	61	2.6	66.7	25.4	617	4.43	10.5	39.4	0.4	41	1.1	0.6	0.2	
REP 2307508	QC	1.55	1.32	<0.01	0.43																	
2307509	Drill Core	1.53	1.07	<0.01	0.06	25.4	583.9	6.4	51	0.4	59.7	21.5	534	4.38	8.6	6.9	0.4	32	0.4	0.5	<0.1	
REP 2307509	QC					27.0	586.8	6.7	50	0.4	62.9	21.2	535	4.39	9.3	13.0	0.4	33	0.3	0.6	<0.1	
2307524	Drill Core	1.63	1.32	<0.01	<0.05	4.8	462.0	1.8	57	0.3	68.3	27.6	575	4.70	7.1	5.9	0.5	25	0.1	0.4	<0.1	
REP 2307524	QC																					
2307532	Drill Core	1.69	1.10	<0.01	0.28	13.7	619.8	3.8	52	0.4	68.1	33.7	535	4.57	7.7	6.5	0.3	48	<0.1	0.3	<0.1	
REP 2307532	QC																					
2307544	Drill Core	1.54	1.60	<0.01	0.12	17.5	332.5	3.9	40	0.2	56.8	28.2	419	4.60	7.1	6.2	0.4	21	0.1	0.3	<0.1	
REP 2307544	QC					17.9	340.5	4.3	42	0.2	58.6	28.1	426	4.64	7.0	4.8	0.4	21	0.1	0.3	<0.1	
2307553	Drill Core	2.16	0.79	<0.01	0.14	1.7	268.8	1.4	57	0.2	57.7	28.3	614	4.43	6.0	12.8	0.3	29	<0.1	0.3	<0.1	
REP 2307553	QC	2.17	0.83	<0.01	0.14																	
2307560	Drill Core	1.56	0.90	<0.01	0.28	2.1	247.9	1.2	58	0.2	66.2	33.4	884	5.04	6.3	6.0	0.3	149	0.2	0.3	<0.1	
REP 2307560	QC																					
2307564	Drill Core	0.15	1.72	<0.01	0.22	4.9	191.3	1.7	59	<0.1	69.0	32.5	1796	5.08	2.8	4.6	0.2	155	0.1	0.1	<0.1	
REP 2307564	QC																					
2307579	Drill Core	2.11	0.41	<0.01	1.18	11.6	907.6	2.2	57	0.4	52.2	49.6	1148	6.08	13.5	21.5	0.4	133	<0.1	0.2	0.2	
REP 2307579	QC	2.13	0.43	<0.01	1.20																	
2307580	Drill Core	1.58	0.83	<0.01	2.28	6.3	770.0	3.4	59	0.3	57.7	50.3	1342	6.34	10.9	26.9	0.3	143	0.2	0.2	0.4	
REP 2307580	QC					6.9	774.7	3.1	59	0.3	59.0	48.4	1328	6.30	10.8	19.4	0.3	132	0.1	0.2	0.4	
2307595	Drill Core	2.58	1.15	<0.01	1.11	1.1	546.2	2.2	34	0.3	40.3	29.6	489	4.99	5.7	87.4	0.4	40	0.3	0.3	0.3	
REP 2307595	QC																					
2307608	Drill Core	1.43	1.01	<0.01	0.19	0.7	191.1	27.5	71	0.2	49.1	33.1	1076	5.82	6.3	7.4	0.4	86	<0.1	0.4	<0.1	
REP 2307608	QC																					
2307615	Drill Core	5.40	1.04	<0.01	0.32	6.1	665.1	1.2	38	0.2	5.0	22.1	435	4.02	4.0	48.1	0.7	35	<0.1	0.2	<0.1	
REP 2307615	QC					4.6	688.1	1.1	40	0.2	5.1	23.7	454	4.18	4.0	59.1	0.8	35	<0.1	0.2	<0.1	
2307624	Drill Core	1.78	0.94	<0.01	0.13	0.8	269.9	2.5	48	0.1	48.7	29.9	907	5.93	4.7	9.9	0.4	190	<0.1	0.3	<0.1	
REP 2307624	QC	1.80	0.99	<0.01	0.13																	

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2307508 Drill Core	152	3.17	0.116	3	269	2.34	11	0.175	<20	2.36	0.062	0.07	17.2	0.01	4.8	<0.1	0.47	10	1.1	<0.2	
REP 2307508 QC																					
2307509 Drill Core	165	3.23	0.116	3	290	2.07	10	0.171	<20	2.50	0.061	0.08	5.7	0.01	4.8	<0.1	0.10	10	<0.5	<0.2	
REP 2307509 QC	166	3.21	0.122	3	274	2.07	10	0.177	<20	2.49	0.059	0.08	6.1	<0.01	5.0	<0.1	0.10	10	<0.5	<0.2	
2307524 Drill Core	175	1.63	0.125	3	296	2.78	15	0.216	<20	2.43	0.057	0.08	1.5	<0.01	3.5	<0.1	0.06	10	<0.5	<0.2	
REP 2307524 QC																					
2307532 Drill Core	168	2.62	0.122	3	320	2.58	12	0.179	<20	2.06	0.062	0.07	5.6	<0.01	9.2	<0.1	0.29	8	0.7	<0.2	
REP 2307532 QC																					
2307544 Drill Core	182	1.45	0.117	3	273	2.26	17	0.170	<20	2.11	0.042	0.08	23.4	<0.01	2.7	<0.1	0.12	9	<0.5	<0.2	
REP 2307544 QC	185	1.47	0.121	3	272	2.28	17	0.176	<20	2.14	0.043	0.08	24.2	<0.01	2.9	<0.1	0.12	9	<0.5	<0.2	
2307553 Drill Core	171	2.46	0.109	2	259	3.06	14	0.163	<20	2.17	0.060	0.09	3.4	<0.01	6.4	<0.1	0.14	9	<0.5	<0.2	
REP 2307553 QC																					
2307560 Drill Core	214	3.31	0.110	3	304	4.10	159	0.153	<20	2.75	0.040	0.17	0.6	<0.01	11.1	<0.1	0.28	9	0.7	<0.2	
REP 2307560 QC																					
2307564 Drill Core	108	8.54	0.100	4	123	3.92	402	0.006	<20	1.87	0.008	0.27	0.3	<0.01	17.3	<0.1	0.20	5	0.6	<0.2	
REP 2307564 QC																					
2307579 Drill Core	190	5.95	0.098	5	206	4.32	63	0.053	<20	2.89	0.031	0.07	0.5	0.02	27.5	<0.1	1.11	11	1.0	<0.2	
REP 2307579 QC																					
2307580 Drill Core	165	6.97	0.102	6	191	3.70	45	0.017	<20	2.36	0.023	0.15	0.2	0.01	22.8	<0.1	2.19	8	1.6	<0.2	
REP 2307580 QC	166	6.90	0.101	5	190	3.65	43	0.017	<20	2.34	0.023	0.15	0.3	0.01	22.0	<0.1	2.21	7	1.3	0.2	
2307595 Drill Core	178	2.27	0.120	3	172	1.99	10	0.187	<20	1.65	0.059	0.07	0.4	<0.01	6.0	0.1	1.06	8	<0.5	<0.2	
REP 2307595 QC																					
2307608 Drill Core	195	5.16	0.120	4	213	3.16	18	0.145	<20	2.65	0.043	0.09	0.8	<0.01	15.1	<0.1	0.18	11	<0.5	<0.2	
REP 2307608 QC																					
2307615 Drill Core	43	1.37	0.144	8	5	1.30	41	0.072	<20	1.60	0.099	0.18	0.2	<0.01	4.4	<0.1	0.33	10	0.6	<0.2	
REP 2307615 QC	45	1.42	0.149	9	5	1.34	44	0.075	<20	1.64	0.103	0.19	0.2	<0.01	4.2	<0.1	0.35	10	0.6	<0.2	
2307624 Drill Core	206	4.38	0.114	4	215	2.98	251	0.127	<20	2.25	0.064	0.11	0.4	<0.01	18.0	<0.1	0.13	9	<0.5	<0.2	
REP 2307624 QC																					

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Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
2307508	Drill Core	0.58	0.54 0.033
REP 2307508	QC		
2307509	Drill Core	0.44	0.11 0.011
REP 2307509	QC		
2307524	Drill Core	0.16	0.06 0.005
REP 2307524	QC	0.16	0.06
2307532	Drill Core	0.55	0.35 0.011
REP 2307532	QC		0.009
2307544	Drill Core	0.15	0.12 0.007
REP 2307544	QC		
2307553	Drill Core	0.66	0.14 0.011
REP 2307553	QC		
2307560	Drill Core	1.06	0.30 0.010
REP 2307560	QC	1.06	0.30
2307564	Drill Core	5.01	0.21 0.008
REP 2307564	QC		0.009
2307579	Drill Core	2.48	1.22 0.035
REP 2307579	QC		
2307580	Drill Core	3.07	2.29 0.027
REP 2307580	QC		
2307595	Drill Core	0.62	1.10 0.109
REP 2307595	QC	0.58	1.09
2307608	Drill Core	1.62	0.19 0.023
REP 2307608	QC		0.020
2307615	Drill Core	0.35	0.33 0.042
REP 2307615	QC		
2307624	Drill Core	1.31	0.13 0.015
REP 2307624	QC		

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
2307630	Drill Core	9.57	<0.001	0.002	<0.02	<0.01	<2	0.005	0.003	0.14	7.15	<0.02	0.04	<0.001	<0.01	<0.01	7.44	0.11	0.016	4.00	5.88
REP 2307630	QC																				
2307639	Drill Core	7.81	<0.001	0.008	<0.02	<0.01	<2	0.006	0.004	0.15	8.20	<0.02	0.03	<0.001	<0.01	<0.01	6.83	0.12	0.019	4.82	5.84
REP 2307639	QC																				
2307640	Drill Core	3.79	<0.001	0.014	<0.02	<0.01	<2	0.006	0.003	0.15	8.28	<0.02	0.03	<0.001	<0.01	<0.01	6.80	0.12	0.018	4.88	5.86
REP 2307640	QC		<0.001	0.016	<0.02	<0.01	<2	0.007	0.004	0.16	8.59	<0.02	0.03	<0.001	<0.01	<0.01	6.78	0.12	0.019	4.95	5.78
Core Reject Duplicates																					
2307514	Drill Core	10.79	<0.001	0.022	<0.02	<0.01	<2	0.010	0.004	0.14	8.08	<0.02	0.03	<0.001	<0.01	<0.01	7.23	0.12	0.028	6.34	5.91
DUP 2307514	QC		<0.001	0.030	<0.02	<0.01	<2	0.010	0.004	0.14	7.69	<0.02	0.03	<0.001	<0.01	<0.01	7.45	0.11	0.029	6.25	6.04
2307590	Drill Core	7.39	<0.001	0.127	<0.02	<0.01	<2	0.007	0.007	0.08	9.87	<0.02	0.02	<0.001	<0.01	<0.01	3.44	0.16	0.018	5.46	7.65
DUP 2307590	QC		<0.001	0.118	<0.02	<0.01	<2	0.006	0.006	0.08	9.58	<0.02	0.02	<0.001	<0.01	<0.01	3.47	0.16	0.017	5.38	7.56
2307628	Drill Core	4.65	<0.001	<0.001	<0.02	<0.01	<2	0.004	0.003	0.15	6.29	<0.02	0.02	<0.001	<0.01	<0.01	9.31	0.10	0.013	3.68	5.18
DUP 2307628	QC		<0.001	<0.001	<0.02	<0.01	<2	0.004	0.003	0.15	6.19	<0.02	0.02	<0.001	<0.01	<0.01	9.42	0.09	0.014	3.61	5.07
Reference Materials																					
STD CDN-ME-14	Standard		0.001	1.258	0.51	3.19	43	0.002	0.018	0.09	18.03	<0.02	<0.01	0.009	<0.01	<0.01	0.74	0.02	0.001	1.28	4.05
STD CDN-ME-9	Standard		<0.001	0.659	<0.02	0.01	3	0.914	0.019	0.12	13.77	<0.02	0.03	<0.001	<0.01	<0.01	4.20	0.06	0.032	4.02	6.59
STD CDN-ME-14	Standard		0.002	1.228	0.50	3.06	45	0.001	0.017	0.09	17.49	<0.02	<0.01	0.009	<0.01	0.01	0.72	0.02	0.002	1.27	4.34
STD CDN-ME-9	Standard		<0.001	0.653	<0.02	0.01	4	0.892	0.017	0.12	13.58	<0.02	0.03	<0.001	<0.01	<0.01	4.07	0.07	0.027	3.96	6.59
STD CDN-ME-14	Standard		0.001	1.245	0.49	3.12	43	0.002	0.017	0.09	17.51	<0.02	<0.01	0.009	<0.01	0.01	0.73	0.02	<0.001	1.27	4.27
STD CDN-ME-9	Standard		<0.001	0.678	<0.02	0.01	3	0.963	0.018	0.12	14.07	<0.02	0.03	<0.001	<0.01	<0.01	4.22	0.06	0.027	4.04	6.65
STD CDN-ME-14	Standard		0.001	1.243	0.50	3.15	47	0.002	0.017	0.09	18.09	<0.02	<0.01	0.010	<0.01	0.01	0.72	0.02	<0.001	1.31	4.03
STD CDN-ME-9	Standard		<0.001	0.630	<0.02	0.01	4	0.897	0.016	0.12	13.83	<0.02	0.03	<0.001	<0.01	<0.01	4.21	0.06	0.028	4.13	6.57
STD CDN-ME-14	Standard		0.001	1.241	0.48	3.15	45	0.002	0.017	0.09	18.02	<0.02	<0.01	0.010	<0.01	0.01	0.78	0.02	0.001	1.30	4.46
STD CDN-ME-9	Standard		<0.001	0.646	<0.02	0.01	3	0.882	0.016	0.12	13.61	<0.02	0.03	<0.001	<0.01	<0.01	4.33	0.06	0.027	4.11	6.63
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307630	Drill Core	2.07	0.68	<0.01	<0.05	0.5	18.9	1.6	57	<0.1	43.5	25.9	1152	5.59	5.8	<0.5	0.3	159	<0.1	0.2	<0.1	
REP 2307630	QC																					
2307639	Drill Core	2.20	1.01	<0.01	<0.05	0.3	85.4	3.3	38	0.1	32.9	18.4	635	5.33	6.2	2.6	0.4	48	<0.1	0.5	<0.1	
REP 2307639	QC																					
2307640	Drill Core	2.04	1.85	<0.01	<0.05	0.3	164.1	4.4	45	0.3	35.4	20.8	685	5.70	6.7	2.9	0.3	39	<0.1	0.5	<0.1	
REP 2307640	QC	2.00	1.68	<0.01	<0.05	0.3	156.7	4.3	42	0.3	35.1	20.6	675	5.59	6.3	1.3	0.3	37	<0.1	0.4	<0.1	
Core Reject Duplicates																						
2307514	Drill Core	1.74	1.36	<0.01	0.10	6.0	232.9	5.2	44	0.2	58.5	25.7	453	4.46	7.2	5.7	0.4	28	<0.1	0.4	<0.1	
DUP 2307514	QC	1.49	1.33	<0.01	0.26	10.1	325.8	8.7	52	0.3	60.9	30.7	522	4.55	9.5	5.0	0.4	28	0.2	0.4	<0.1	
2307590	Drill Core	1.95	2.01	<0.01	4.95	8.3	1346.5	22.9	38	0.8	64.7	78.9	627	8.98	11.0	268.5	0.7	29	2.7	0.6	0.1	
DUP 2307590	QC	1.97	2.00	<0.01	4.66	8.1	1240.2	17.8	35	0.7	60.0	70.5	607	8.49	10.2	53.0	0.7	30	1.3	0.5	<0.1	
2307628	Drill Core	1.32	0.32	<0.01	0.44	1.1	4.0	2.1	71	<0.1	47.2	24.6	1499	5.44	2.1	1.5	0.3	175	<0.1	<0.1	<0.1	
DUP 2307628	QC	1.29	0.31	<0.01	0.45	0.8	3.4	1.9	69	<0.1	47.8	23.9	1501	5.25	2.2	2.4	0.3	189	<0.1	<0.1	<0.1	
Reference Materials																						
STD CDN-ME-14	Standard	0.52	1.63	<0.01	15.56																	
STD CDN-ME-9	Standard	1.76	0.62	<0.01	2.38																	
STD CDN-ME-14	Standard	0.53	1.49	<0.01	15.48																	
STD CDN-ME-9	Standard	1.86	0.62	<0.01	2.39																	
STD CDN-ME-14	Standard	0.52	1.67	<0.01	15.99																	
STD CDN-ME-9	Standard	1.82	0.64	<0.01	3.06																	
STD CDN-ME-14	Standard	0.53	1.72	<0.01	16.72																	
STD CDN-ME-9	Standard	1.87	0.63	<0.01	2.55																	
STD CDN-ME-14	Standard	0.54	1.70	<0.01	16.54																	
STD CDN-ME-9	Standard	1.88	0.77	<0.01	2.58																	
STD DS10	Standard					16.2	167.7	171.4	399	2.0	84.6	14.4	894	2.84	44.7	62.7	7.8	71	2.6	8.7	11.1	
STD DS10	Standard					12.9	159.9	165.1	363	2.0	71.7	12.8	876	2.72	42.5	144.0	7.7	69	2.4	8.8	11.0	
STD DS10	Standard					14.3	155.8	163.7	336	1.8	79.2	13.1	887	2.74	44.8	58.2	7.7	64	2.4	8.2	10.7	
STD DS10	Standard					14.5	161.1	149.8	363	2.1	75.3	12.9	900	2.78	46.9	66.6	6.0	56	2.3	5.8	10.3	
STD DS10	Standard					14.5	161.8	161.4	377	1.9	77.5	13.6	934	2.87	50.0	70.5	6.4	56	2.4	6.2	10.4	

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
2307630	Drill Core	202	5.91	0.109	5	197	3.25	90	0.070	<20	2.56	0.050	0.11	0.2	<0.01	19.6	<0.1	<0.05	9	<0.5	<0.2
REP 2307630	QC																				
2307639	Drill Core	169	3.18	0.122	3	173	1.81	33	0.146	<20	1.46	0.075	0.12	0.6	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
REP 2307639	QC																				
2307640	Drill Core	185	3.29	0.126	3	193	1.94	40	0.116	<20	1.57	0.074	0.11	0.6	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
REP 2307640	QC	183	3.24	0.122	2	196	1.92	37	0.108	<20	1.56	0.076	0.11	0.6	<0.01	5.0	<0.1	<0.05	9	<0.5	<0.2
Core Reject Duplicates																					
2307514	Drill Core	162	1.70	0.125	3	271	2.04	17	0.187	<20	1.87	0.060	0.08	1.6	<0.01	3.8	<0.1	0.13	8	<0.5	<0.2
DUP 2307514	QC	169	2.34	0.120	3	283	2.31	12	0.192	<20	2.38	0.044	0.07	1.3	<0.01	4.2	<0.1	0.28	10	<0.5	<0.2
2307590	Drill Core	263	1.69	0.155	3	281	4.53	11	0.314	<20	3.57	0.033	0.09	1.2	0.01	25.2	<0.1	4.63	23	3.9	<0.2
DUP 2307590	QC	256	1.64	0.149	2	266	4.36	10	0.321	<20	3.45	0.033	0.09	1.1	0.02	22.1	<0.1	4.26	22	3.3	<0.2
2307628	Drill Core	164	8.16	0.099	8	179	3.68	38	0.014	<20	3.39	0.028	0.09	0.2	<0.01	18.8	<0.1	0.42	11	0.7	<0.2
DUP 2307628	QC	161	8.23	0.096	9	172	3.60	43	0.013	<20	3.30	0.026	0.09	0.1	<0.01	19.2	<0.1	0.41	11	<0.5	<0.2
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	47	1.11	0.084	19	60	0.81	459	0.084	<20	1.09	0.068	0.34	2.7	0.30	2.8	5.0	0.30	4	2.0	5.0
STD DS10	Standard	43	1.06	0.076	16	54	0.78	399	0.079	<20	1.06	0.067	0.34	2.9	0.30	2.7	4.6	0.29	4	2.6	4.3
STD DS10	Standard	44	1.05	0.073	15	55	0.77	378	0.068	<20	1.01	0.063	0.34	2.4	0.30	3.2	4.6	0.29	4	2.8	4.5
STD DS10	Standard	47	1.11	0.078	15	55	0.82	415	0.066	<20	1.10	0.068	0.35	3.0	0.28	2.9	5.0	0.29	5	2.9	5.0
STD DS10	Standard	47	1.12	0.083	15	58	0.83	409	0.066	<20	1.10	0.069	0.35	2.9	0.33	3.0	5.3	0.30	5	3.2	5.5



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: November 25, 2013

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QUALITY CONTROL REPORT

SMI13000410.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
2307630	Drill Core	1.95	<0.02	<0.005
REP 2307630	QC	1.97	0.02	
2307639	Drill Core	0.84	<0.02	0.005
REP 2307639	QC			0.005
2307640	Drill Core	0.84	<0.02	0.009
REP 2307640	QC			
Core Reject Duplicates				
2307514	Drill Core	0.29	0.34	0.008
DUP 2307514	QC	0.29	0.32	0.009
2307590	Drill Core	0.17	4.82	0.123
DUP 2307590	QC	0.17	4.46	0.106
2307628	Drill Core	3.06	0.46	<0.005
DUP 2307628	QC	3.11	0.48	<0.005
Reference Materials				
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD CDN-ME-14	Standard			
STD CDN-ME-9	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			
STD DS10	Standard			



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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD		
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected																						
STD OREAS45EA Expected																						
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard					1.5	689.7	16.0	29	0.3	389.4	50.5	406	22.68	9.7	47.3	11.5	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.4	696.7	15.2	29	0.3	391.4	52.6	415	22.49	10.3	42.8	10.1	4	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.6	698.0	16.3	32	0.3	382.0	53.7	396	23.70	11.4	49.6	12.0	4	<0.1	0.2	0.2	
STD OREAS45EA	Standard					1.3	700.3	11.0	30	0.2	398.9	49.4	409	22.46	10.8	49.4	8.0	3	<0.1	0.1	0.2	
STD OREAS45EA	Standard					1.3	685.4	10.6	29	0.2	387.1	48.9	407	21.77	10.4	48.6	7.8	3	<0.1	0.2	0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						

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		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX TI ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard	304	0.04	0.032	7	850	0.10	138	0.090	<20	3.26	0.020	0.06	<0.1	<0.01	77.7	<0.1	<0.05	11	0.8	<0.2	
STD OREAS45EA	Standard	297	0.04	0.031	7	837	0.09	145	0.089	<20	3.33	0.021	0.06	<0.1	<0.01	81.1	<0.1	<0.05	12	1.0	<0.2	
STD OREAS45EA	Standard	304	0.04	0.030	7	866	0.10	155	0.091	<20	3.18	0.018	0.06	<0.1	<0.01	79.5	<0.1	<0.05	12	0.6	<0.2	
STD OREAS45EA	Standard	310	0.04	0.027	6	1020	0.07	133	0.077	<20	3.26	0.018	0.06	<0.1	<0.01	75.0	<0.1	<0.05	12	1.4	<0.2	
STD OREAS45EA	Standard	301	0.04	0.030	5	1017	0.07	139	0.075	<20	3.25	0.019	0.06	<0.1	<0.01	73.8	<0.1	<0.05	12	1.2	<0.2	
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXC109	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXI96	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD OXL93	Standard																					
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07	
STD OXC109 Expected																						
STD OXI96 Expected																						
STD OXL93 Expected																						

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QUALITY CONTROL REPORT

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		2A Leco TOT/C %	2A Leco TOT/S %	G6 Au ppm
		0.02	0.02	0.005
STD GS311-1	Standard	0.99	2.37	
STD GS311-1	Standard	0.97	2.40	
STD GS311-1	Standard	1.05	2.36	
STD GS311-1	Standard	0.97	2.29	
STD GS311-1	Standard	1.00	2.33	
STD GS910-4	Standard	2.65	8.32	
STD GS910-4	Standard	2.67	8.36	
STD GS910-4	Standard	2.75	8.22	
STD GS910-4	Standard	2.53	8.07	
STD GS910-4	Standard	2.59	8.15	
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OREAS45EA	Standard			
STD OXC109	Standard			0.210
STD OXC109	Standard			0.198
STD OXC109	Standard			0.192
STD OXI96	Standard			1.854
STD OXI96	Standard			1.868
STD OXI96	Standard			1.708
STD OXL93	Standard			6.191
STD OXL93	Standard			5.776
STD OXL93	Standard			5.468
STD DS10 Expected				
STD OREAS45EA Expected				
STD OXC109 Expected				0.201
STD OXI96 Expected				1.802
STD OXL93 Expected				5.841



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QUALITY CONTROL REPORT

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		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.0015	0.01	0.01
STD CDN-ME-14 Expected				1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175
STD CDN-ME-9 Expected				0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.37	<0.02	0.07	<0.001	<0.01	<0.01	2.23	0.08	0.001	0.63	6.67	
G1-SMI	Prep Blank	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.07	2.24	<0.02	0.06	<0.001	<0.01	<0.01	2.12	0.07	0.001	0.62	6.24	

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QUALITY CONTROL REPORT

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		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi		
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	
STD CDN-ME-14 Expected		0.52	1.5		16																		
STD CDN-ME-9 Expected		1.82	0.63		2.547																		
STD GS311-1 Expected																							
STD GS910-4 Expected																							
BLK	Blank	<0.01	<0.01	<0.01	<0.05																		
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
BLK	Blank																						
BLK	Blank	<0.01	<0.01	<0.01	<0.05																		
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank																						
BLK	Blank	<0.01	<0.01	<0.01	<0.05																		
BLK	Blank	<0.01	<0.01	<0.01	<0.05																		
BLK	Blank																						
Prep Wash																							
G1-SMI	Prep Blank	2.68	2.36	<0.01	<0.05	0.1	2.1	2.8	46	<0.1	4.1	4.1	571	2.05	0.6	<0.5	5.0	58	<0.1	<0.1	<0.1	<0.1	<0.1
G1-SMI	Prep Blank	2.61	2.29	<0.01	<0.05	<0.1	2.5	2.9	48	<0.1	4.4	4.5	579	2.05	0.5	<0.5	5.5	66	<0.1	<0.1	<0.1	<0.1	<0.1

QUALITY CONTROL REPORT

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		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	36	0.42	0.076	10	9	0.56	210	0.116	<20	0.98	0.094	0.50	<0.1	<0.01	2.2	0.3	<0.05	4	<0.5	<0.2
G1-SMI	Prep Blank	36	0.46	0.082	10	9	0.57	226	0.132	<20	0.97	0.086	0.50	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2

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QUALITY CONTROL REPORT

SMI13000410.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
STD CDN-ME-14	Expected			
STD CDN-ME-9	Expected			
STD GS311-1	Expected	1.02	2.35	
STD GS910-4	Expected	2.65	8.27	
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.02	<0.02	<0.005
G1-SMI	Prep Blank	0.03	<0.02	<0.005

CERTIFICATE OF ANALYSIS

SMI13000411.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_019
P.O. Number
Number of Samples: 25

SAMPLE DISPOSAL

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

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	24	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
RIFL2	1	Split samples by riffle splitter			SMI
P200	1	Pulverize to 85% passing 200 mesh			VAN
7TD2	25	4 Acid digestion ICP-ES analysis.	0.5	Completed	VAN
1DX	25	1:1:1 Aqua Regia Digestion - ICP-MS finish	0.5	Completed	VAN
2A Leco	25	Analysis by Leco	0.1	Completed	VAN
G6	25	lead collection fire-assay fusion -AAS finish	30	Completed	VAN

ADDITIONAL COMMENTS



CERTIFICATE OF ANALYSIS

SMI13000411.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
2307641	Drill Core	6.99	<0.001	0.003	<0.02	<0.01	<2	0.007	0.004	0.16	9.11	<0.02	0.04	<0.001	<0.01	<0.01	5.22	0.13	0.022	5.46	6.62
2307642	Drill Core	7.59	<0.001	0.014	<0.02	<0.01	<2	0.007	0.004	0.18	8.39	<0.02	0.04	<0.001	<0.01	<0.01	5.87	0.12	0.020	5.34	6.28
2307643	Drill Core	9.21	<0.001	0.012	<0.02	<0.01	<2	0.006	0.003	0.15	8.04	<0.02	0.04	<0.001	<0.01	<0.01	5.96	0.12	0.019	5.03	5.94
2307644	Drill Core	4.51	<0.001	0.005	<0.02	<0.01	<2	0.006	0.004	0.15	7.72	<0.02	0.05	<0.001	<0.01	<0.01	6.10	0.12	0.018	4.83	5.84
2307645	Drill Core	9.62	<0.001	0.003	<0.02	<0.01	<2	0.006	0.003	0.13	7.34	<0.02	0.03	<0.001	<0.01	<0.01	6.82	0.12	0.021	4.05	5.73
2307646	Drill Core	8.77	<0.001	<0.001	<0.02	0.01	<2	0.006	0.003	0.16	8.76	<0.02	0.04	<0.001	<0.01	<0.01	6.33	0.12	0.017	5.19	6.17
2307647	Drill Core	5.79	<0.001	<0.001	<0.02	<0.01	<2	0.006	0.003	0.16	8.27	<0.02	0.04	<0.001	<0.01	<0.01	7.22	0.12	0.018	4.77	6.18
2307648	Drill Core	8.93	<0.001	0.016	<0.02	0.01	<2	0.006	0.004	0.17	8.59	<0.02	0.04	<0.001	<0.01	<0.01	6.57	0.12	0.018	4.78	6.26
2307649	Rock	4.99	<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.04	1.74	<0.02	0.06	<0.001	<0.01	<0.01	1.76	0.04	<0.001	0.28	7.09
2307650	Drill Core	9.09	<0.001	0.018	<0.02	<0.01	<2	0.006	0.004	0.14	8.32	<0.02	0.04	<0.001	<0.01	<0.01	5.98	0.13	0.019	4.45	6.21
2307651 Dup of 2307650	CORE DUP		<0.001	0.016	<0.02	<0.01	<2	0.006	0.004	0.14	8.29	<0.02	0.04	<0.001	<0.01	<0.01	5.99	0.13	0.019	4.48	6.29
2307652	Drill Core	4.43	<0.001	0.062	<0.02	<0.01	<2	0.006	0.004	0.14	8.11	<0.02	0.04	<0.001	<0.01	<0.01	6.15	0.12	0.020	4.31	6.00
2307653	Drill Core	7.17	<0.001	0.010	<0.02	<0.01	<2	0.006	0.004	0.14	8.23	<0.02	0.03	<0.001	<0.01	<0.01	6.70	0.12	0.019	4.51	5.84
2307654	Drill Core	7.82	<0.001	0.043	<0.02	<0.01	<2	0.006	0.003	0.13	8.04	<0.02	0.03	<0.001	<0.01	<0.01	6.53	0.11	0.017	4.51	5.78
2307655	Drill Core	8.81	<0.001	<0.001	<0.02	<0.01	<2	0.006	0.003	0.11	8.25	<0.02	0.02	<0.001	<0.01	<0.01	7.14	0.12	0.020	3.61	6.00
2307656	Rock Pulp	0.17	0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.32	<0.02	0.05	<0.001	<0.01	<0.01	1.93	0.06	0.001	0.54	7.60
2307657	Drill Core	8.65	<0.001	<0.001	<0.02	<0.01	<2	0.006	0.003	0.14	7.49	<0.02	0.02	<0.001	<0.01	<0.01	8.74	0.12	0.018	4.02	5.97
2307658	Drill Core	10.43	<0.001	0.008	<0.02	<0.01	<2	0.006	0.003	0.12	7.62	<0.02	0.02	<0.001	<0.01	<0.01	7.80	0.12	0.017	3.58	6.67
2307659	Drill Core	8.87	<0.001	0.005	<0.02	<0.01	<2	0.006	0.003	0.13	7.22	<0.02	0.03	<0.001	<0.01	<0.01	6.71	0.12	0.018	4.75	6.25
2307660	Drill Core	4.24	<0.001	0.003	<0.02	<0.01	<2	0.006	0.003	0.13	7.36	<0.02	0.03	<0.001	<0.01	<0.01	7.17	0.11	0.018	4.01	5.56
2307661	Drill Core	7.68	<0.001	0.008	<0.02	<0.01	<2	0.006	0.003	0.14	7.33	<0.02	0.03	<0.001	<0.01	<0.01	7.63	0.12	0.020	4.08	5.89
2307662	Drill Core	9.68	<0.001	0.002	<0.02	<0.01	<2	0.007	0.004	0.15	7.72	<0.02	0.05	<0.001	<0.01	<0.01	7.32	0.12	0.019	5.00	6.21
2307663	Drill Core	8.22	<0.001	0.012	<0.02	<0.01	<2	0.007	0.004	0.15	7.26	<0.02	0.04	<0.001	<0.01	<0.01	6.09	0.12	0.020	5.27	6.28
2307664	Drill Core	8.12	<0.001	<0.001	<0.02	<0.01	<2	0.007	0.004	0.16	7.70	<0.02	0.04	<0.001	<0.01	<0.01	6.20	0.12	0.021	5.37	6.35
2307665	Drill Core	9.04	<0.001	<0.001	<0.02	<0.01	<2	0.007	0.004	0.15	7.89	<0.02	0.05	<0.001	<0.01	<0.01	7.06	0.13	0.023	4.98	6.31

CERTIFICATE OF ANALYSIS

SMI13000411.1

Method	7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
2307641	Drill Core	1.91	1.19	<0.01	<0.05	0.2	33.3	1.6	59	<0.1	43.4	25.7	867	6.42	8.2	1.3	0.4	39	<0.1	0.6	<0.1
2307642	Drill Core	2.46	0.81	<0.01	<0.05	0.6	143.5	44.6	52	0.1	32.2	20.0	730	5.12	7.5	1.6	0.4	59	0.2	1.1	0.3
2307643	Drill Core	2.44	0.71	<0.01	0.08	0.4	128.7	34.8	63	0.1	38.0	26.5	978	4.92	6.7	1.6	0.3	113	<0.1	0.4	<0.1
2307644	Drill Core	2.44	0.73	<0.01	0.07	0.5	57.3	9.8	62	<0.1	42.7	27.7	1042	5.07	7.0	1.1	0.4	177	<0.1	0.4	<0.1
2307645	Drill Core	1.99	0.88	<0.01	<0.05	0.3	43.5	5.6	83	<0.1	50.7	27.0	1076	5.32	6.8	<0.5	0.3	117	<0.1	0.4	<0.1
2307646	Drill Core	2.52	0.82	<0.01	<0.05	0.1	9.0	3.4	67	<0.1	34.3	17.8	634	5.55	9.2	0.9	0.3	35	<0.1	0.4	<0.1
2307647	Drill Core	2.71	0.81	<0.01	<0.05	0.3	2.4	3.6	49	<0.1	30.0	16.6	483	4.94	10.1	<0.5	0.3	48	<0.1	0.7	<0.1
2307648	Drill Core	2.34	1.03	<0.01	<0.05	0.3	168.0	5.2	58	0.2	30.2	19.9	593	5.27	7.1	19.6	0.3	32	0.1	0.5	<0.1
2307649	Rock	2.96	1.41	<0.01	<0.05	0.2	10.7	1.6	58	<0.1	1.7	2.9	341	1.65	<0.5	0.9	6.9	23	<0.1	<0.1	<0.1
2307650	Drill Core	2.75	0.95	<0.01	<0.05	4.1	193.1	11.7	61	0.1	32.7	19.2	633	5.31	7.1	1.0	0.4	39	<0.1	0.6	<0.1
2307651 Dup of 2307650	CORE DUP	2.80	0.89	<0.01	<0.05	3.5	180.0	11.2	60	0.1	33.9	20.6	640	5.45	7.4	3.0	0.4	40	<0.1	0.5	<0.1
2307652	Drill Core	2.36	1.04	<0.01	<0.05	9.4	617.5	5.9	65	0.7	32.4	22.3	717	5.28	6.6	11.2	0.4	43	0.2	0.4	<0.1
2307653	Drill Core	2.23	0.95	<0.01	<0.05	0.5	107.7	3.2	65	0.1	39.0	26.6	788	5.74	5.7	4.3	0.4	53	<0.1	0.5	<0.1
2307654	Drill Core	1.86	0.89	<0.01	<0.05	0.3	451.0	1.6	57	0.2	43.8	27.5	855	5.76	5.0	24.6	0.3	79	<0.1	0.3	<0.1
2307655	Drill Core	2.06	0.49	<0.01	<0.05	<0.1	4.5	1.1	80	<0.1	56.7	35.6	1030	6.08	3.9	2.7	0.4	87	<0.1	0.2	<0.1
2307656	Rock Pulp	2.94	1.52	<0.01	0.20	11.8	176.9	14.0	48	0.1	7.2	5.9	224	1.91	2.6	<0.5	3.6	46	0.1	0.1	<0.1
2307657	Drill Core	1.58	0.49	<0.01	<0.05	0.2	8.2	1.2	67	<0.1	54.4	29.1	1228	6.09	3.7	<0.5	0.3	125	<0.1	0.2	<0.1
2307658	Drill Core	1.58	0.83	<0.01	0.37	0.3	78.1	1.3	71	<0.1	52.5	31.7	1150	6.17	5.1	3.0	0.3	116	<0.1	0.2	<0.1
2307659	Drill Core	2.14	0.15	<0.01	<0.05	3.1	64.8	1.4	74	<0.1	52.6	30.8	1120	5.74	3.4	<0.5	0.3	122	<0.1	0.2	<0.1
2307660	Drill Core	1.97	0.33	<0.01	<0.05	0.4	41.0	1.5	58	<0.1	54.8	30.7	1176	6.20	4.6	<0.5	0.3	142	<0.1	0.3	<0.1
2307661	Drill Core	1.80	0.79	<0.01	<0.05	0.5	82.1	1.4	58	<0.1	53.1	31.5	1138	4.75	6.3	1.0	0.4	144	<0.1	0.3	<0.1
2307662	Drill Core	2.14	0.89	<0.01	0.11	0.3	29.2	1.9	41	<0.1	38.5	23.8	776	3.47	11.4	<0.5	0.4	81	<0.1	0.4	<0.1
2307663	Drill Core	2.41	0.89	<0.01	0.09	2.1	126.1	1.4	39	0.2	40.9	19.4	652	4.34	8.3	7.8	0.4	58	0.1	0.3	<0.1
2307664	Drill Core	2.26	1.05	<0.01	0.22	0.1	1.4	1.1	51	<0.1	38.3	21.9	660	3.76	6.5	1.4	0.5	55	<0.1	0.3	<0.1
2307665	Drill Core	1.94	1.06	<0.01	<0.05	0.4	12.4	6.8	32	<0.1	32.7	18.0	501	3.33	12.3	1.2	0.5	45	<0.1	0.4	<0.1

CERTIFICATE OF ANALYSIS

SMI13000411.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
2307641	Drill Core	210	2.02	0.119	3	203	2.89	32	0.129	<20	2.10	0.047	0.10	0.7	<0.01	9.9	<0.1	<0.05	11	<0.5	<0.2
2307642	Drill Core	146	2.15	0.119	3	196	2.03	38	0.123	<20	1.61	0.080	0.10	0.9	<0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
2307643	Drill Core	147	3.84	0.100	3	167	3.02	139	0.099	<20	2.02	0.073	0.06	0.4	<0.01	13.8	<0.1	0.08	9	<0.5	<0.2
2307644	Drill Core	155	4.17	0.113	3	187	3.05	369	0.095	<20	2.04	0.077	0.06	0.4	<0.01	15.6	<0.1	0.07	9	<0.5	<0.2
2307645	Drill Core	174	5.50	0.114	4	197	3.11	80	0.065	<20	2.19	0.043	0.11	0.3	<0.01	22.4	<0.1	<0.05	9	<0.5	<0.2
2307646	Drill Core	173	2.14	0.111	2	172	1.88	14	0.118	<20	1.42	0.070	0.08	0.5	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
2307647	Drill Core	148	2.37	0.112	2	166	1.38	11	0.132	<20	1.09	0.071	0.05	0.5	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
2307648	Drill Core	173	2.00	0.120	3	164	1.55	14	0.142	<20	1.36	0.068	0.07	0.5	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
2307649	Rock	17	0.21	0.037	17	5	0.29	88	0.086	<20	0.61	0.074	0.35	<0.1	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
2307650	Drill Core	176	2.65	0.123	3	194	1.59	32	0.137	<20	1.32	0.081	0.06	0.7	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
2307651 Dup of 2307650	CORE DUP	176	2.56	0.119	3	182	1.60	30	0.136	<20	1.32	0.069	0.06	0.7	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
2307652	Drill Core	181	3.27	0.118	3	185	1.76	28	0.128	<20	1.33	0.067	0.07	3.2	<0.01	7.2	<0.1	<0.05	7	<0.5	<0.2
2307653	Drill Core	197	3.84	0.110	4	195	2.28	33	0.124	<20	1.61	0.060	0.07	0.6	<0.01	10.5	<0.1	<0.05	8	<0.5	<0.2
2307654	Drill Core	195	4.40	0.112	3	186	2.87	87	0.086	<20	2.13	0.049	0.09	0.3	<0.01	14.5	<0.1	<0.05	9	0.7	<0.2
2307655	Drill Core	218	6.62	0.105	5	222	3.40	20	0.034	<20	3.05	0.050	0.08	0.2	<0.01	24.4	<0.1	<0.05	11	<0.5	<0.2
2307656	Rock Pulp	27	0.85	0.059	11	12	0.43	38	0.022	<20	0.79	0.064	0.14	0.6	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
2307657	Drill Core	225	7.32	0.106	5	222	3.36	25	0.046	<20	3.23	0.042	0.10	0.2	<0.01	23.3	<0.1	<0.05	11	<0.5	<0.2
2307658	Drill Core	201	7.00	0.111	4	194	3.30	34	0.010	<20	3.44	0.032	0.15	0.2	<0.01	21.2	<0.1	0.34	12	<0.5	<0.2
2307659	Drill Core	236	5.75	0.101	5	231	4.02	33	0.035	<20	3.41	0.051	0.02	0.1	<0.01	25.1	<0.1	0.05	11	<0.5	<0.2
2307660	Drill Core	236	6.23	0.109	4	225	3.57	59	0.044	<20	2.90	0.051	0.04	0.1	<0.01	25.0	<0.1	<0.05	10	<0.5	<0.2
2307661	Drill Core	177	6.38	0.114	5	192	3.32	62	0.059	<20	2.65	0.048	0.10	0.3	<0.01	21.5	<0.1	<0.05	9	<0.5	<0.2
2307662	Drill Core	101	3.79	0.106	3	127	2.52	24	0.132	<20	1.67	0.076	0.06	0.4	<0.01	10.3	<0.1	0.11	7	<0.5	<0.2
2307663	Drill Core	156	2.76	0.121	3	192	2.30	28	0.129	<20	1.73	0.076	0.09	0.5	<0.01	6.2	<0.1	0.10	9	<0.5	<0.2
2307664	Drill Core	127	2.61	0.115	3	160	2.48	13	0.141	<20	1.71	0.080	0.07	0.6	<0.01	5.4	<0.1	0.21	9	<0.5	<0.2
2307665	Drill Core	113	2.16	0.104	3	121	1.52	15	0.133	<20	1.28	0.085	0.11	1.0	<0.01	4.2	<0.1	<0.05	6	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: Teck Resources Limited

Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Project: 204920

Report Date: November 22, 2013

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CERTIFICATE OF ANALYSIS

SMI13000411.1

Method	Analyte	2A Leco 2A Leco		G6
		TOT/C	TOT/S	Au
Unit		%	%	ppm
MDL		0.02	0.02	0.005
2307641	Drill Core	0.57	<0.02	<0.005
2307642	Drill Core	0.56	0.03	<0.005
2307643	Drill Core	1.23	0.08	<0.005
2307644	Drill Core	1.30	0.07	<0.005
2307645	Drill Core	1.93	0.02	<0.005
2307646	Drill Core	0.51	<0.02	<0.005
2307647	Drill Core	0.43	0.03	<0.005
2307648	Drill Core	0.38	0.03	0.031
2307649	Rock	<0.02	<0.02	<0.005
2307650	Drill Core	0.64	<0.02	<0.005
2307651 Dup of 2307650	CORE DUP	0.64	<0.02	<0.005
2307652	Drill Core	0.91	0.03	0.007
2307653	Drill Core	1.09	0.05	0.005
2307654	Drill Core	1.31	0.05	0.033
2307655	Drill Core	2.13	<0.02	<0.005
2307656	Rock Pulp	0.20	0.20	<0.005
2307657	Drill Core	2.53	0.03	<0.005
2307658	Drill Core	2.29	0.36	<0.005
2307659	Drill Core	1.92	0.06	<0.005
2307660	Drill Core	2.06	0.03	<0.005
2307661	Drill Core	2.11	0.03	<0.005
2307662	Drill Core	1.17	0.11	0.006
2307663	Drill Core	0.69	0.10	0.016
2307664	Drill Core	0.62	0.21	0.008
2307665	Drill Core	0.48	<0.02	0.006

QUALITY CONTROL REPORT

SMI13000411.1

Method	WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Pulp Duplicates																					
2307648	Drill Core	8.93	<0.001	0.016	<0.02	0.01	<2	0.006	0.004	0.17	8.59	<0.02	0.04	<0.001	<0.01	<0.01	6.57	0.12	0.018	4.78	6.26
REP 2307648	QC																				
2307656	Rock Pulp	0.17	0.001	0.018	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.32	<0.02	0.05	<0.001	<0.01	<0.01	1.93	0.06	0.001	0.54	7.60
REP 2307656	QC		<0.001	0.017	<0.02	<0.01	<2	<0.001	<0.001	0.03	2.25	<0.02	0.05	<0.001	<0.01	<0.01	1.86	0.06	0.001	0.54	7.23
2307664	Drill Core	8.12	<0.001	<0.001	<0.02	<0.01	<2	0.007	0.004	0.16	7.70	<0.02	0.04	<0.001	<0.01	<0.01	6.20	0.12	0.021	5.37	6.35
REP 2307664	QC																				
Reference Materials																					
STD CDN-ME-14	Standard		0.002	1.302	0.52	3.29	47	0.002	0.019	0.09	19.00	<0.02	<0.01	0.010	<0.01	<0.01	0.79	0.02	0.001	1.36	4.56
STD CDN-ME-9	Standard		<0.001	0.651	<0.02	0.01	3	0.893	0.016	0.12	13.68	<0.02	0.03	<0.001	<0.01	<0.01	4.17	0.06	0.029	4.01	6.58
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected			1.221	0.495	3.1	42.3	0.002	0.018	0.089	17.92	0.01		0.009		0.01	0.74	0.02	0.0015	1.29	4.175	
STD CDN-ME-9 Expected			0.654		0.0125		0.912	0.017	0.12	13.85		0.03				4.22	0.061	0.0285	4	6.66	
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank																				

QUALITY CONTROL REPORT

SMI13000411.1

Method		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1
Pulp Duplicates																					
2307648	Drill Core	2.34	1.03	<0.01	<0.05	0.3	168.0	5.2	58	0.2	30.2	19.9	593	5.27	7.1	19.6	0.3	32	0.1	0.5	<0.1
REP 2307648	QC					0.2	175.7	5.9	66	0.2	33.0	22.4	613	5.49	7.8	11.4	0.3	34	<0.1	0.5	<0.1
2307656	Rock Pulp	2.94	1.52	<0.01	0.20	11.8	176.9	14.0	48	0.1	7.2	5.9	224	1.91	2.6	<0.5	3.6	46	0.1	0.1	<0.1
REP 2307656	QC	2.94	1.50	<0.01	0.21																
2307664	Drill Core	2.26	1.05	<0.01	0.22	0.1	1.4	1.1	51	<0.1	38.3	21.9	660	3.76	6.5	1.4	0.5	55	<0.1	0.3	<0.1
REP 2307664	QC																				
Reference Materials																					
STD CDN-ME-14	Standard	0.55	1.71	<0.01	16.95																
STD CDN-ME-9	Standard	1.76	0.63	<0.01	2.52																
STD DS10	Standard					14.3	149.1	157.1	366	1.6	73.3	12.3	875	2.76	47.8	65.0	6.9	62	2.7	7.6	10.2
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard					1.4	697.1	14.9	31	0.3	377.8	51.1	398	23.51	10.7	55.1	11.4	4	<0.1	0.3	0.2
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD DS10 Expected						14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65
STD OREAS45EA Expected						1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected		0.52	1.5		16																
STD CDN-ME-9 Expected		1.82	0.63		2.547																
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank					<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1

QUALITY CONTROL REPORT

SMI13000411.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																					
2307648	Drill Core	173	2.00	0.120	3	164	1.55	14	0.142	<20	1.36	0.068	0.07	0.5	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
REP 2307648	QC	182	2.01	0.120	3	176	1.61	16	0.154	<20	1.41	0.071	0.08	0.6	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
2307656	Rock Pulp	27	0.85	0.059	11	12	0.43	38	0.022	<20	0.79	0.064	0.14	0.6	<0.01	1.6	<0.1	0.20	4	<0.5	<0.2
REP 2307656	QC																				
2307664	Drill Core	127	2.61	0.115	3	160	2.48	13	0.141	<20	1.71	0.080	0.07	0.6	<0.01	5.4	<0.1	0.21	9	<0.5	<0.2
REP 2307664	QC																				
Reference Materials																					
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD DS10	Standard	44	1.06	0.074	17	52	0.78	390	0.075	<20	1.01	0.067	0.33	2.8	0.27	2.7	5.0	0.29	4	2.1	4.6
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	306	0.04	0.029	7	890	0.09	149	0.089	<20	3.01	0.023	0.05	<0.1	<0.01	76.5	<0.1	<0.05	12	0.9	<0.2
STD OXC109	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD DS10 Expected		43	1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89
STD OREAS45EA Expected		303	0.036	0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
STD OXC109 Expected																					
STD OXI96 Expected																					
STD OXL93 Expected																					
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
BLK	Blank	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

QUALITY CONTROL REPORT

SMI13000411.1

Method	2A Leco	2A Leco	G6
Analyte	TOT/C	TOT/S	Au
Unit	%	%	ppm
MDL	0.02	0.02	0.005
Pulp Duplicates			
2307648	Drill Core	0.38	0.03 0.031
REP 2307648	QC		
2307656	Rock Pulp	0.20	0.20 <0.005
REP 2307656	QC		
2307664	Drill Core	0.62	0.21 0.008
REP 2307664	QC	0.61	0.21
Reference Materials			
STD CDN-ME-14	Standard		
STD CDN-ME-9	Standard		
STD DS10	Standard		
STD GS311-1	Standard	0.94	2.22
STD GS311-1	Standard	0.97	2.29
STD GS910-4	Standard	2.65	8.42
STD GS910-4	Standard	2.53	8.07
STD OREAS45EA	Standard		
STD OXC109	Standard		0.197
STD OXI96	Standard		1.795
STD OXL93	Standard		5.662
STD DS10 Expected			
STD OREAS45EA Expected			
STD OXC109 Expected			0.201
STD OXI96 Expected			1.802
STD OXL93 Expected			5.841
STD CDN-ME-14 Expected			
STD CDN-ME-9 Expected			
STD GS311-1 Expected		1.02	2.35
STD GS910-4 Expected		2.65	8.27
BLK	Blank		



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Project: 204920
 Report Date: November 22, 2013

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QUALITY CONTROL REPORT

SMI13000411.1

		WGHT	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	7TD	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al
		kg	%	%	%	%	gm/t	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		0.01	0.001	0.001	0.02	0.01	2	0.001	0.001	0.01	0.01	0.02	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.02	<0.01	<0.001	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.40	<0.02	0.07	<0.001	<0.01	<0.01	2.30	0.08	<0.001	0.68	6.85
G1-SMI	Prep Blank		<0.001	<0.001	<0.02	<0.01	<2	<0.001	<0.001	0.08	2.46	<0.02	0.07	<0.001	<0.01	<0.01	2.36	0.08	0.001	0.68	7.32



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QUALITY CONTROL REPORT

SMI13000411.1

		7TD	7TD	7TD	7TD	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Na	K	W	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.01	0.05	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.01	<0.05																	
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1-SMI	Prep Blank	2.50	1.38	<0.01	<0.05	0.1	2.2	2.7	49	<0.1	4.2	4.1	563	2.03	<0.5	<0.5	5.2	49	<0.1	<0.1	<0.1	
G1-SMI	Prep Blank	2.54	1.32	<0.01	<0.05	0.2	2.3	2.9	46	<0.1	3.8	4.1	560	2.04	<0.5	<0.5	4.8	51	<0.1	<0.1	<0.1	



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Project: 204920
 Report Date: November 22, 2013

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QUALITY CONTROL REPORT

SMI13000411.1

		1DX V ppm	1DX Ca %	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
BLK	Blank	2	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	38	0.48	0.076	10	9	0.62	227	0.121	<20	0.95	0.081	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1-SMI	Prep Blank	38	0.52	0.073	10	10	0.61	222	0.127	<20	0.96	0.088	0.49	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2



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Project: 204920
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QUALITY CONTROL REPORT

SMI13000411.1

		2A Leco	2A Leco	G6
		TOT/C	TOT/S	Au
		%	%	ppm
		0.02	0.02	0.005
BLK	Blank			<0.005
BLK	Blank			<0.005
BLK	Blank			
BLK	Blank	<0.02	<0.02	
BLK	Blank	<0.02	<0.02	
Prep Wash				
G1-SMI	Prep Blank	0.06	<0.02	<0.005
G1-SMI	Prep Blank	0.05	<0.02	<0.005



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Submitted By: Liz Stock
Receiving Lab: Canada-Vancouver
Received: December 19, 2013
Report Date: January 20, 2014
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN13005343.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_020
P.O. Number
Number of Samples: 118

SAMPLE DISPOSAL

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC: Michael Buchanan and Rupa Mukherjee
Edna Torres

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SPLP	118	Sorting, labeling and boxing samples received as pulps			VAN
4A4B	118	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN
1F04	118	1:1:1 Aqua Regia Digestion - Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	4A-4B SiO2	4A-4B Al2O3	4A-4B Fe2O3	4A-4B MgO	4A-4B CaO	4A-4B Na2O	4A-4B K2O	4A-4B TiO2	4A-4B P2O5	4A-4B MnO	4A-4B Cr2O3	4A-4B Sc	4A-4B LOI	4A-4B Sum	4A-4B Ba	4A-4B Cs	4A-4B Ga	4A-4B Hf	4A-4B Nb	4A-4B Rb
Unit	MDL	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
1144058	Drill Core	54.79	15.34	5.65	3.20	4.80	1.50	2.42	0.68	0.21	0.07	0.007	19	11.1	99.80	436	2.9	14.9	1.3	3.5	52.3
1144059	Drill Core	62.22	15.68	3.18	1.68	4.32	3.46	2.52	0.42	0.15	0.05	0.003	6	6.2	99.84	420	4.6	15.2	2.5	4.1	53.3
1144060	Drill Core	64.75	15.35	2.60	1.50	3.68	3.37	2.26	0.40	0.15	0.04	0.003	6	5.8	99.86	306	4.0	16.3	3.6	3.7	56.3
1144061	Drill Core	63.24	16.25	4.37	1.62	2.42	1.98	3.55	0.40	0.14	0.04	0.003	7	5.8	99.85	406	5.7	17.3	2.6	4.9	119.5
1144062	Drill Core	65.57	15.69	2.98	1.33	2.89	3.77	2.35	0.38	0.15	0.04	0.003	5	4.7	99.84	366	3.8	14.4	3.1	4.7	62.8
1144063	Drill Core	68.08	16.23	2.57	1.45	1.66	1.35	3.61	0.39	0.14	0.03	0.003	6	4.3	99.83	639	2.4	18.8	3.1	4.7	101.2
1144084	Drill Core	62.79	15.81	2.85	1.33	4.67	4.12	2.01	0.43	0.17	0.05	0.003	7	5.6	99.80	513	4.1	16.8	2.7	4.7	42.3
1144102	Drill Core	59.50	17.71	5.29	2.00	3.47	4.41	2.10	0.44	0.31	0.03	<0.002	7	4.5	99.80	609	12.6	15.4	2.5	4.1	60.7
1144103	Drill Core	59.75	18.07	5.05	1.97	3.83	4.91	1.79	0.44	0.30	0.03	<0.002	7	3.7	99.82	459	12.6	16.5	1.9	3.7	55.7
1144105	Drill Core	59.58	16.66	4.66	2.00	3.88	4.37	2.18	0.41	0.29	0.04	<0.002	7	5.7	99.74	1154	6.4	16.1	2.7	3.0	62.2
1144106	Drill Core	59.87	18.06	4.72	1.93	3.34	4.66	2.12	0.45	0.30	0.03	<0.002	8	4.3	99.82	367	8.6	16.3	3.0	4.3	61.9
1144107	Drill Core	58.24	18.18	5.53	2.07	3.55	4.45	2.22	0.48	0.29	0.03	<0.002	9	4.8	99.82	464	11.8	19.7	2.9	4.5	68.9
1144109	Drill Core	59.77	17.36	5.26	1.86	3.33	4.16	2.26	0.44	0.29	0.02	<0.002	8	5.1	99.84	302	8.2	13.3	2.3	3.1	59.6
1144167	Drill Core	61.10	15.48	3.38	1.69	4.18	3.27	2.82	0.44	0.16	0.03	0.002	7	6.9	99.43	2011	3.1	12.8	3.9	4.4	61.6
1144172	Drill Core	63.75	15.31	2.94	1.52	3.70	3.17	2.76	0.42	0.15	0.05	0.002	7	5.7	99.51	673	4.0	15.1	2.9	4.2	73.5
1144173	Drill Core	65.14	15.11	2.61	1.61	3.21	3.16	2.69	0.42	0.13	0.05	0.002	7	5.4	99.52	390	5.7	15.5	4.3	4.8	72.2
1144174	Drill Core	64.29	15.41	2.83	1.95	3.21	1.97	3.72	0.42	0.14	0.05	<0.002	7	5.5	99.44	414	7.9	15.1	2.8	4.3	117.9
1144375	Drill Core	48.70	16.53	9.55	4.89	6.57	3.87	0.78	1.09	0.43	0.20	<0.002	26	7.1	99.75	489	1.2	15.1	2.5	7.9	20.3
TECK RELINCHO ST-1	Pulp	66.14	15.80	3.23	0.96	2.78	4.02	3.03	0.39	0.14	0.03	<0.002	4	3.2	99.76	670	5.2	17.4	2.9	3.8	104.8
1144394	Drill Core	48.24	16.17	9.48	4.90	6.91	3.39	0.88	1.06	0.42	0.16	<0.002	26	8.2	99.78	409	2.0	13.4	2.3	6.8	20.7
1144459	Drill Core	48.28	14.95	12.53	3.77	9.45	4.11	0.80	1.14	0.26	0.23	0.003	29	4.3	99.79	257	0.4	14.9	1.5	2.0	10.6
1144460	Drill Core	47.68	15.24	12.47	3.85	11.59	3.20	0.92	1.07	0.22	0.24	0.005	30	3.3	99.81	258	<0.1	17.4	1.6	1.9	10.5
1144461	Drill Core	48.96	15.53	12.13	3.82	10.61	3.67	0.89	1.06	0.23	0.24	0.003	28	2.6	99.77	578	<0.1	14.6	1.6	1.9	10.2
1144465	Drill Core	47.25	15.99	12.40	3.89	8.71	4.21	0.80	1.12	0.25	0.21	0.004	29	4.9	99.74	403	0.5	16.1	1.3	2.2	12.8
1144467	Drill Core	49.00	15.92	12.22	3.67	9.11	4.01	1.13	1.09	0.23	0.21	0.003	29	3.1	99.71	824	<0.1	16.5	1.7	2.0	15.7
1144470	Drill Core	47.68	15.31	12.31	4.18	8.76	3.40	1.39	1.08	0.22	0.22	0.003	29	5.1	99.68	1198	1.1	15.6	1.4	1.8	22.1
1144521	Drill Core	54.31	18.33	7.33	3.07	4.73	6.00	0.90	0.72	0.30	0.14	<0.002	12	4.0	99.80	338	2.4	18.3	1.3	3.3	19.5
1144540	Drill Core	53.94	16.34	7.30	4.09	5.76	4.22	2.53	0.94	0.41	0.13	0.007	19	4.0	99.71	973	0.3	15.8	3.9	11.4	49.1
1144551	Drill Core	46.21	14.60	8.44	2.33	17.89	2.35	2.46	0.71	0.26	0.27	0.012	20	4.1	99.70	1388	<0.1	14.9	1.9	2.8	39.4
1144566	Drill Core	52.25	18.09	7.01	2.98	5.00	6.35	1.80	0.67	0.27	0.13	0.004	12	5.2	99.71	1117	1.0	19.1	1.7	6.3	30.6

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.03	
1144058	Drill Core	1	225.6	<0.1	1.6	1.4	205	10.9	76.6	12.8	8.6	21.7	2.38	13.0	2.85	0.78	3.02	0.40	2.06	0.42	0.98
1144059	Drill Core	<1	235.6	0.2	3.1	2.5	71	9.8	111.9	10.4	11.3	22.9	2.68	14.1	1.93	0.56	1.70	0.32	1.54	0.41	0.78
1144060	Drill Core	4	199.7	0.2	3.0	2.1	76	9.0	114.1	9.5	6.1	11.5	1.71	7.1	1.66	0.55	1.91	0.30	2.40	0.34	0.76
1144061	Drill Core	3	134.7	0.3	3.0	1.9	80	18.4	120.6	10.4	6.5	12.2	1.61	7.8	1.36	0.53	2.22	0.38	2.00	0.43	1.12
1144062	Drill Core	2	182.8	0.3	3.1	2.3	56	9.4	127.6	9.7	6.2	10.7	1.54	7.9	1.65	0.57	1.86	0.28	2.26	0.23	0.88
1144063	Drill Core	4	87.0	0.3	3.7	1.9	73	22.1	116.7	8.9	4.3	7.7	1.33	8.0	1.26	0.40	1.55	0.24	1.05	0.34	0.42
1144084	Drill Core	3	338.1	0.2	4.1	3.1	85	12.8	118.7	9.8	15.2	26.5	3.31	11.4	2.51	0.88	2.28	0.32	2.84	0.41	1.09
1144102	Drill Core	2	367.8	<0.1	1.7	1.2	64	9.0	92.9	18.0	10.8	24.2	3.13	16.9	2.61	0.91	2.34	0.49	3.08	0.61	1.81
1144103	Drill Core	2	391.8	0.2	1.4	0.8	52	5.9	88.4	17.6	11.0	24.3	2.88	14.2	3.41	0.80	2.96	0.47	2.98	0.60	2.35
1144105	Drill Core	1	386.2	<0.1	1.3	1.2	57	8.7	83.6	15.7	11.9	20.1	2.63	19.3	2.81	0.76	2.92	0.45	1.67	0.49	1.40
1144106	Drill Core	<1	372.3	0.3	1.8	1.2	59	5.0	88.6	15.6	13.1	23.4	3.31	14.2	2.44	0.67	3.24	0.50	3.04	0.50	1.81
1144107	Drill Core	2	370.0	0.3	1.7	1.1	74	5.8	91.9	17.5	13.5	28.9	3.37	14.1	3.31	0.98	3.36	0.53	3.06	0.64	1.96
1144109	Drill Core	<1	283.4	0.3	1.1	1.0	61	6.1	80.4	16.8	12.2	23.6	2.60	9.6	2.84	0.96	2.69	0.48	2.05	0.57	1.71
1144167	Drill Core	2	766.1	0.4	3.7	3.0	93	8.3	126.7	9.3	12.8	25.3	2.83	9.5	2.09	0.68	2.40	0.30	1.23	0.26	0.82
1144172	Drill Core	2	236.0	0.3	4.2	2.2	90	7.1	128.1	11.1	15.7	26.9	3.07	19.5	2.13	0.87	2.23	0.26	2.24	0.35	1.79
1144173	Drill Core	1	203.6	0.5	3.9	2.7	80	9.1	131.5	10.9	15.6	26.8	3.26	13.4	2.28	0.97	2.26	0.35	2.49	0.37	1.08
1144174	Drill Core	2	99.5	0.5	3.7	2.9	77	7.7	125.5	10.7	13.1	26.4	3.20	13.4	2.50	0.68	2.11	0.32	1.12	0.46	0.79
1144375	Drill Core	1	585.1	0.3	2.1	0.9	260	<0.5	107.6	22.7	18.5	38.2	5.63	28.2	4.83	1.26	4.89	0.73	3.76	1.03	1.80
TECK RELINCHO ST-1	Pulp	<1	498.7	0.3	4.8	1.3	63	8.0	113.7	5.7	18.1	28.2	4.37	20.3	2.91	0.65	1.51	0.23	0.80	0.18	0.48
1144394	Drill Core	<1	394.9	0.5	1.8	0.7	260	<0.5	101.1	21.0	20.4	35.3	4.93	22.6	4.49	1.35	4.56	0.72	3.85	0.76	2.42
1144459	Drill Core	<1	265.3	0.1	1.2	0.9	404	1.5	53.2	17.9	6.7	15.6	1.92	10.9	2.68	1.24	2.88	0.61	3.82	0.62	2.28
1144460	Drill Core	1	186.5	0.1	0.7	0.6	372	1.3	52.8	19.4	6.3	13.3	1.94	9.4	2.81	1.01	3.36	0.58	3.31	0.76	2.08
1144461	Drill Core	<1	300.6	0.2	0.9	0.9	388	0.6	48.1	18.2	5.2	14.2	1.95	11.6	2.56	1.00	3.05	0.57	3.18	0.92	1.93
1144465	Drill Core	<1	353.1	0.2	0.8	0.7	407	3.5	53.9	19.3	6.6	13.0	2.34	11.1	2.57	1.18	3.56	0.58	3.32	1.01	2.01
1144467	Drill Core	<1	389.5	0.2	0.9	0.7	397	1.2	52.1	20.7	6.6	14.3	2.10	7.4	3.28	1.09	3.72	0.65	2.89	0.62	2.50
1144470	Drill Core	<1	336.3	0.1	0.9	0.6	386	1.3	49.4	17.0	8.4	15.2	1.82	7.6	3.10	0.85	3.40	0.59	3.40	0.88	2.67
1144521	Drill Core	<1	515.6	0.3	0.9	0.6	165	1.2	60.8	11.3	9.7	17.1	2.59	9.1	1.85	0.87	2.41	0.41	2.24	0.26	1.19
1144540	Drill Core	<1	554.6	0.7	3.2	1.4	167	<0.5	187.9	25.5	29.4	53.4	6.50	26.5	4.10	1.44	5.40	0.79	5.47	0.74	2.94
1144551	Drill Core	2	431.0	0.3	1.3	2.2	202	0.8	66.0	18.6	9.5	16.3	2.48	11.2	3.01	1.01	2.99	0.56	2.87	0.77	2.18
1144566	Drill Core	<1	597.4	0.2	0.7	0.5	148	1.4	65.5	11.8	10.7	19.6	2.62	11.8	2.17	0.89	2.49	0.38	2.15	0.43	1.18



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Project: 204920
 Report Date: January 20, 2014

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Part: 3 of 4

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method Analyte Unit MDL	4A-4B Tm	4A-4B Yb	4A-4B Lu	2A TOT/C %	2A Leco TOT/S %	1F Mo ppm	1F Cu ppm	1F Pb ppm	1F Zn ppm	1F Ag ppb	1F Ni ppm	1F Co ppm	1F Mn ppm	1F Fe %	1F As ppm	1F Au ppb	1F Cd ppm	1F Sb ppm	1F Bi ppm	1F P %	
1144058	Drill Core	0.29	1.80	0.19	2.37	0.98	1.04	251.37	2.61	49.7	106	13.4	18.0	527	3.30	6.4	13.4	0.06	0.27	0.51	0.082
1144059	Drill Core	0.17	1.12	0.16	1.32	1.47	0.66	69.69	2.10	19.3	58	7.0	8.0	351	1.83	14.8	6.8	0.08	0.09	0.36	0.058
1144060	Drill Core	0.11	1.14	0.14	0.98	1.04	7.53	34.67	2.80	14.3	77	5.6	5.9	255	1.35	11.0	4.2	0.06	0.08	0.33	0.062
1144061	Drill Core	0.21	1.22	0.28	0.71	2.39	9.22	13.22	8.74	24.2	619	9.3	12.4	253	2.62	6.9	9.2	0.18	0.16	1.59	0.060
1144062	Drill Core	0.15	0.80	0.16	0.80	1.41	9.39	109.77	4.20	21.9	139	7.5	16.7	260	1.72	3.6	4.8	0.11	0.08	0.39	0.058
1144063	Drill Core	0.11	1.42	0.14	0.42	1.14	5.44	29.92	2.51	10.5	215	4.9	8.0	178	1.39	4.0	13.2	0.07	0.05	0.96	0.058
1144084	Drill Core	0.16	1.26	0.17	1.11	1.18	2.67	179.12	3.25	12.2	128	6.7	13.9	316	1.65	4.1	7.4	0.04	0.07	0.35	0.059
1144102	Drill Core	0.24	1.74	0.28	0.50	1.04	1.93	92.04	1.92	29.9	55	1.9	7.3	186	3.19	2.8	5.3	<0.01	0.07	0.13	0.121
1144103	Drill Core	0.35	2.33	0.26	0.46	0.73	1.73	67.72	1.48	28.9	24	1.8	8.1	210	2.90	2.4	3.9	0.02	0.08	0.12	0.117
1144105	Drill Core	0.32	1.92	0.28	0.90	2.04	5.05	162.70	3.49	23.7	158	2.5	14.3	278	2.89	2.4	9.7	0.02	0.08	0.33	0.112
1144106	Drill Core	0.26	2.16	0.32	0.46	1.29	5.92	144.58	2.64	32.2	115	2.0	12.8	207	2.88	2.5	9.8	0.02	0.10	0.17	0.126
1144107	Drill Core	0.29	2.07	0.32	0.56	0.99	2.47	115.48	2.48	29.9	94	2.1	10.3	208	3.20	2.7	8.0	0.02	0.08	0.14	0.122
1144109	Drill Core	0.25	1.80	0.31	0.58	1.66	3.54	139.07	2.82	24.4	134	1.9	7.3	162	3.14	1.7	17.7	0.01	0.06	0.13	0.111
1144167	Drill Core	0.15	0.90	0.22	0.81	1.85	39.38	1503.51	1.46	16.9	315	6.8	16.5	197	1.90	0.6	50.2	0.05	0.08	0.20	0.060
1144172	Drill Core	0.16	1.34	0.20	1.07	0.55	108.11	2482.75	2.42	19.9	790	4.7	8.3	324	1.66	0.9	57.7	<0.01	0.09	0.19	0.058
1144173	Drill Core	0.14	1.16	0.20	0.93	0.48	33.86	2653.93	2.95	19.6	1109	5.6	6.6	342	1.45	1.3	40.1	<0.01	0.14	0.39	0.053
1144174	Drill Core	0.16	1.17	0.21	1.06	0.56	49.07	3377.27	2.19	19.4	993	5.3	6.2	381	1.47	0.4	30.6	<0.01	0.10	0.53	0.055
1144375	Drill Core	0.37	2.15	0.33	1.05	<0.02	0.54	20.56	3.51	102.9	54	6.6	23.8	1517	6.05	2.7	6.3	0.12	1.04	<0.02	0.165
TECK RELINCHO ST-1	Pulp	0.13	0.70	0.14	0.19	0.19	11.68	182.02	14.36	45.6	122	7.5	5.7	218	1.93	2.6	4.3	0.12	0.11	0.15	0.059
1144394	Drill Core	0.29	2.47	0.44	1.28	0.07	1.02	44.78	3.40	122.6	86	6.7	23.6	1296	6.30	1.6	1.3	0.06	0.22	<0.02	0.166
1144459	Drill Core	0.37	1.74	0.29	0.58	0.05	0.95	195.85	0.87	54.9	116	8.1	19.6	955	4.65	9.2	3.1	0.07	0.10	<0.02	0.100
1144460	Drill Core	0.31	1.97	0.26	0.23	0.03	2.71	147.92	4.68	47.4	96	7.1	15.9	836	4.26	8.4	2.2	0.08	0.08	<0.02	0.091
1144461	Drill Core	0.32	1.97	0.21	0.17	<0.02	1.88	70.98	1.24	47.9	48	7.0	16.1	815	3.85	6.2	1.3	0.06	0.11	<0.02	0.082
1144465	Drill Core	0.28	2.40	0.31	0.70	0.08	58.01	232.47	2.58	79.9	135	10.1	22.6	1177	5.73	4.0	9.7	0.02	0.25	0.12	0.092
1144467	Drill Core	0.27	2.26	0.29	0.26	0.04	12.67	166.42	2.97	59.9	94	6.8	16.8	816	4.12	3.7	3.1	0.04	0.13	<0.02	0.086
1144470	Drill Core	0.32	1.81	0.31	0.69	0.07	9.59	240.86	1.15	78.8	84	10.9	22.9	1259	5.76	7.0	5.8	<0.01	0.17	<0.02	0.089
1144521	Drill Core	0.15	1.39	0.23	0.49	0.38	0.93	76.20	3.79	64.6	159	6.3	13.7	976	4.33	27.5	1.1	0.23	0.35	<0.02	0.126
1144540	Drill Core	0.43	3.19	0.42	0.40	0.04	1.31	26.28	2.78	61.5	36	14.3	16.8	788	4.05	6.1	1.0	0.04	0.15	<0.02	0.149
1144551	Drill Core	0.23	1.70	0.35	0.64	0.64	10.22	84.03	2.69	31.9	89	30.6	17.8	736	2.93	78.2	2.3	0.09	1.32	0.20	0.105
1144566	Drill Core	0.19	1.29	0.18	0.96	0.91	2.26	92.18	2.20	42.6	144	7.1	14.7	871	4.37	58.0	0.9	0.05	0.63	0.12	0.118

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.

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	Unit	MDL	1F Cr	1F B	1F Ti	1F Hg	1F Se	1F Te	1F Ge	1F In	1F Re	1F Be	1F Li	1F Pd	1F Pt
				ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
				0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1144058	Drill Core			9.9	<20	<0.02	16	0.9	0.33	<0.1	0.03	1	0.4	3.2	<10	<2
1144059	Drill Core			2.7	<20	0.02	7	0.6	0.15	<0.1	<0.02	<1	0.2	1.0	<10	<2
1144060	Drill Core			2.9	<20	0.02	8	0.7	0.16	<0.1	<0.02	<1	0.4	1.0	<10	<2
1144061	Drill Core			3.7	<20	0.04	9	1.6	0.90	<0.1	<0.02	4	0.5	1.0	<10	<2
1144062	Drill Core			3.8	<20	0.03	<5	1.5	0.24	<0.1	<0.02	1	0.3	1.1	<10	<2
1144063	Drill Core			2.9	<20	0.03	5	1.3	0.52	<0.1	<0.02	2	0.5	0.3	<10	<2
1144084	Drill Core			6.6	<20	0.03	7	0.7	0.11	<0.1	<0.02	<1	0.3	1.9	<10	3
1144102	Drill Core			2.9	<20	0.07	8	0.9	<0.02	<0.1	<0.02	2	0.4	5.3	<10	2
1144103	Drill Core			3.5	<20	0.06	7	1.5	<0.02	<0.1	<0.02	<1	0.4	4.7	<10	<2
1144105	Drill Core			2.9	<20	0.05	6	3.0	0.16	<0.1	<0.02	<1	0.2	3.9	<10	<2
1144106	Drill Core			3.3	<20	0.05	8	1.7	0.03	<0.1	<0.02	3	0.6	5.9	<10	<2
1144107	Drill Core			3.5	<20	0.05	<5	1.4	<0.02	<0.1	<0.02	<1	0.4	6.6	<10	<2
1144109	Drill Core			2.8	<20	0.04	<5	2.3	0.16	<0.1	<0.02	2	0.2	4.7	<10	<2
1144167	Drill Core			5.8	<20	0.03	<5	2.9	<0.02	<0.1	<0.02	46	0.3	1.3	12	<2
1144172	Drill Core			4.7	<20	0.05	<5	2.0	0.07	<0.1	0.03	74	0.2	1.5	<10	<2
1144173	Drill Core			5.1	<20	0.04	<5	2.1	0.05	<0.1	0.03	25	0.4	1.4	<10	<2
1144174	Drill Core			4.2	<20	0.05	5	1.9	0.09	<0.1	0.05	24	0.4	1.4	<10	<2
1144375	Drill Core			12.1	<20	<0.02	6	<0.1	<0.02	<0.1	0.05	<1	0.4	18.2	<10	<2
TECK RELINCHO ST-1	Pulp			12.1	<20	0.02	<5	<0.1	<0.02	<0.1	<0.02	2	0.2	10.0	<10	<2
1144394	Drill Core			12.2	<20	<0.02	<5	<0.1	<0.02	<0.1	0.03	<1	0.5	20.2	<10	<2
1144459	Drill Core			11.7	<20	<0.02	<5	<0.1	0.04	0.1	<0.02	<1	0.1	7.8	16	3
1144460	Drill Core			12.1	<20	<0.02	<5	<0.1	<0.02	0.1	<0.02	<1	0.2	6.9	16	3
1144461	Drill Core			11.9	<20	<0.02	<5	<0.1	<0.02	0.2	<0.02	<1	0.3	6.4	21	5
1144465	Drill Core			15.4	<20	<0.02	<5	<0.1	<0.02	0.1	<0.02	17	0.3	8.1	28	5
1144467	Drill Core			12.9	<20	<0.02	5	<0.1	<0.02	0.2	0.02	4	0.2	5.6	20	3
1144470	Drill Core			16.9	<20	<0.02	8	<0.1	<0.02	0.2	<0.02	1	0.3	7.9	13	3
1144521	Drill Core			8.2	<20	<0.02	<5	0.1	0.03	0.1	0.02	<1	<0.1	15.1	<10	2
1144540	Drill Core			16.6	<20	<0.02	<5	<0.1	<0.02	0.1	0.02	<1	1.1	10.3	<10	<2
1144551	Drill Core			27.0	31	0.02	6	0.3	0.08	0.2	<0.02	22	<0.1	4.8	<10	<2
1144566	Drill Core			8.9	<20	<0.02	<5	0.2	0.07	0.1	0.04	5	0.3	15.4	<10	<2

CERTIFICATE OF ANALYSIS

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Unit	MDL	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
1144568	Drill Core	54.72	18.31	7.09	3.00	4.62	5.41	1.59	0.70	0.27	0.12	<0.002	13	3.9	99.73	815	2.6	17.2	1.9	5.9	32.4
1144569	Drill Core	53.73	17.53	7.07	3.37	5.35	5.20	1.35	0.69	0.28	0.13	<0.002	12	5.1	99.77	613	2.2	16.2	2.2	4.7	27.7
1144572	Drill Core	54.69	17.92	6.49	2.86	5.08	6.09	1.34	0.71	0.30	0.11	<0.002	12	4.2	99.76	686	2.6	15.5	2.4	4.5	26.5
1144573	Drill Core	54.06	17.57	6.08	2.80	5.20	6.19	1.32	0.67	0.28	0.10	<0.002	11	5.5	99.78	629	3.4	15.8	0.8	4.0	29.1
1144574	Drill Core	55.01	17.38	6.11	2.99	5.11	5.70	1.53	0.65	0.28	0.11	<0.002	11	4.9	99.78	611	2.9	16.4	2.1	4.5	32.0
1144585	Drill Core	47.90	15.05	9.55	3.83	11.62	3.67	0.75	1.01	0.36	0.42	<0.002	22	5.6	99.78	579	0.4	16.5	1.8	2.4	10.7
1144628	Drill Core	46.78	15.68	10.96	2.90	15.80	2.42	0.66	1.09	0.33	0.28	<0.002	26	2.8	99.74	526	<0.1	18.1	2.0	2.2	9.0
1144669	Drill Core	47.53	15.68	11.86	4.69	11.13	3.42	0.40	0.96	0.19	0.27	0.005	33	3.7	99.79	178	0.2	17.2	0.9	1.9	5.7
TECK RELINCHO ST-2	Pulp	65.34	16.36	3.70	1.25	3.25	4.38	2.17	0.46	0.16	0.04	<0.002	5	2.6	99.68	538	3.9	18.4	3.0	3.7	73.7
1144710	Drill Core	46.08	15.70	11.92	3.12	12.24	3.35	0.68	1.04	0.23	0.27	0.003	28	5.1	99.75	442	0.8	16.9	1.2	2.3	12.0
1144714	Drill Core	51.52	18.03	8.28	2.61	9.69	4.18	0.50	0.93	0.25	0.18	<0.002	15	3.6	99.79	184	0.5	18.0	1.2	6.4	9.4
1144742	Drill Core	53.99	17.48	7.19	2.44	6.41	5.63	1.00	0.86	0.28	0.14	<0.002	13	4.4	99.81	278	0.9	17.9	1.8	6.5	25.1
1144755	Drill Core	51.09	18.52	8.58	3.34	7.92	4.30	0.69	1.01	0.31	0.22	<0.002	15	3.8	99.78	400	0.8	17.6	1.9	8.3	15.3
1144773	Drill Core	54.38	18.01	7.49	2.73	7.42	4.87	0.47	0.89	0.25	0.19	<0.002	12	3.1	99.81	140	0.3	18.0	2.3	7.7	10.6
1144777	Drill Core	54.67	17.77	6.70	2.57	6.66	4.86	1.20	0.82	0.23	0.15	<0.002	12	4.2	99.79	385	1.0	19.3	1.5	6.7	29.7
1144782	Drill Core	53.58	18.25	7.45	2.71	7.29	5.00	0.78	0.90	0.27	0.19	<0.002	12	3.4	99.78	449	0.3	18.9	2.4	7.3	17.3
1144788	Drill Core	53.82	17.83	7.37	2.62	7.85	4.90	0.46	0.88	0.27	0.18	0.003	12	3.6	99.81	224	0.4	18.8	2.1	7.3	11.5
1144793	Drill Core	53.69	17.12	6.98	2.45	8.31	5.18	0.25	0.86	0.27	0.17	<0.002	13	4.5	99.81	198	0.2	18.8	2.3	6.6	5.3
1144794	Drill Core	47.10	17.04	9.18	5.85	6.48	4.65	1.29	1.23	0.38	0.19	0.006	29	6.4	99.75	781	0.1	15.9	2.4	8.4	21.2
1144806	Drill Core	53.85	17.03	7.19	2.86	7.01	5.15	0.74	0.85	0.27	0.17	<0.002	11	4.7	99.81	356	0.3	18.7	2.2	6.9	16.0
1144862	Drill Core	55.43	17.25	6.50	3.14	4.58	5.14	2.20	0.78	0.24	0.13	0.002	18	4.3	99.69	1080	<0.1	16.3	3.5	7.7	35.8
1144868	Drill Core	46.90	15.65	9.16	8.83	8.74	2.97	1.31	1.02	0.25	0.17	0.043	33	4.7	99.76	706	0.2	14.4	1.6	4.8	20.6
TECK SY-4	Pulp	50.10	20.53	6.26	0.53	7.98	7.19	1.69	0.28	0.13	0.11	<0.002	<1	4.8	99.60	369	1.8	35.2	13.4	13.0	56.7
2302957	Drill Core	51.72	15.81	9.25	5.05	7.00	3.60	0.92	0.87	0.25	0.16	0.005	29	5.1	99.79	538	0.6	16.0	2.2	1.8	17.4
2307008	Drill Core	55.98	17.72	3.21	4.89	6.72	6.55	0.62	0.82	0.26	0.10	0.003	24	2.9	99.80	188	0.7	17.2	2.1	2.6	20.0
2307012	Drill Core	54.27	17.92	6.77	4.22	7.08	5.40	0.68	0.80	0.26	0.11	0.004	24	2.3	99.78	285	1.6	18.1	2.1	2.5	22.0
2307027	Drill Core	56.05	17.21	5.05	4.23	5.15	6.34	0.94	0.79	0.24	0.10	0.003	23	3.5	99.64	257	2.7	16.5	1.6	2.4	31.0
2307028	Drill Core	56.20	17.80	5.54	4.41	6.11	5.88	0.89	0.81	0.26	0.09	<0.002	24	1.7	99.72	286	2.0	18.3	1.6	2.5	28.9
2307031	Drill Core	55.40	17.74	7.54	3.25	5.89	4.81	1.33	0.80	0.25	0.09	0.003	24	2.6	99.68	439	1.9	16.4	2.0	2.3	40.1
2307034	Drill Core	54.51	17.41	8.16	4.79	6.71	4.02	1.44	0.79	0.24	0.11	0.005	23	1.6	99.78	515	2.6	16.1	1.9	2.6	40.5

CERTIFICATE OF ANALYSIS

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.03	
1144568	Drill Core	<1	576.4	0.3	0.8	0.5	150	0.9	69.1	11.7	11.0	22.0	2.68	12.2	2.17	1.03	2.54	0.39	2.18	0.43	1.26
1144569	Drill Core	<1	463.2	0.5	0.8	0.5	156	<0.5	61.8	11.9	10.0	18.1	2.45	13.1	2.29	1.06	2.67	0.38	2.15	0.42	1.08
1144572	Drill Core	<1	537.6	0.4	0.8	0.4	160	1.1	57.7	11.6	9.9	21.5	2.41	8.5	3.13	0.76	2.60	0.41	2.26	0.42	1.11
1144573	Drill Core	<1	487.5	0.4	0.8	0.7	155	0.9	62.5	11.5	9.6	16.1	2.39	10.8	1.96	0.74	1.74	0.33	1.58	0.31	1.47
1144574	Drill Core	<1	471.1	0.3	0.8	0.6	149	<0.5	57.0	13.1	7.3	20.2	2.33	6.4	2.77	0.89	2.53	0.32	1.75	0.56	0.88
1144585	Drill Core	1	342.9	0.2	1.1	1.0	265	<0.5	58.8	22.5	9.1	17.5	2.57	8.6	3.50	1.02	3.37	0.70	4.06	0.97	2.02
1144628	Drill Core	<1	636.0	0.2	1.1	1.2	324	0.7	56.6	21.6	8.3	16.9	2.51	9.8	3.04	1.07	3.67	0.66	3.75	0.77	1.72
1144669	Drill Core	<1	529.8	0.1	0.8	0.8	385	<0.5	39.5	15.2	4.8	11.2	1.56	7.9	2.47	0.84	2.78	0.47	2.91	0.50	1.81
TECK RELINCHO ST-2	Pulp	2	625.3	0.4	4.6	1.1	59	11.2	115.2	7.0	17.3	32.9	3.95	17.0	3.05	0.74	2.15	0.30	1.31	0.16	0.39
1144710	Drill Core	<1	630.4	0.2	0.8	0.6	328	0.9	45.0	18.1	6.2	13.2	1.79	9.3	2.61	0.99	3.23	0.54	3.18	0.51	1.66
1144714	Drill Core	<1	885.9	0.6	0.7	0.4	193	0.9	50.2	13.7	7.8	15.2	2.17	9.4	2.36	0.84	2.59	0.41	2.46	0.41	1.71
1144742	Drill Core	<1	546.0	0.3	0.9	0.5	163	0.6	61.5	16.4	9.5	18.5	2.43	10.9	2.34	0.98	2.98	0.49	3.03	0.49	1.23
1144755	Drill Core	<1	657.8	0.3	0.8	0.4	190	1.0	61.2	16.4	10.6	19.8	2.75	12.4	2.85	1.05	3.26	0.54	3.15	0.63	1.73
1144773	Drill Core	<1	691.3	0.5	0.9	0.4	171	<0.5	64.9	16.7	8.9	18.5	2.38	11.6	2.50	0.82	2.83	0.44	2.76	0.56	1.86
1144777	Drill Core	<1	560.9	0.4	1.1	0.5	167	0.5	66.1	16.7	10.2	20.0	2.60	9.6	2.92	1.02	3.05	0.50	2.92	0.59	1.70
1144782	Drill Core	1	732.7	0.4	1.0	0.4	164	<0.5	69.7	15.4	9.8	20.8	2.63	11.5	3.02	0.92	2.97	0.50	3.02	0.52	1.56
1144788	Drill Core	<1	664.2	0.4	1.0	0.4	176	1.2	71.2	15.3	9.0	20.1	2.51	11.9	2.67	0.95	2.95	0.46	3.05	0.55	1.62
1144793	Drill Core	<1	701.3	0.2	1.1	0.5	175	0.5	70.6	15.2	9.8	21.5	2.68	11.4	3.02	1.05	3.04	0.47	2.68	0.53	1.47
1144794	Drill Core	<1	382.1	0.6	1.8	0.7	227	<0.5	118.4	24.8	17.7	36.9	4.78	18.0	4.47	1.39	4.94	0.77	5.07	0.86	2.97
1144806	Drill Core	<1	447.4	0.3	1.0	0.5	167	0.6	67.0	15.2	9.2	18.8	2.38	11.1	2.59	0.87	2.93	0.49	3.01	0.57	1.46
1144862	Drill Core	1	663.2	0.5	4.6	1.7	152	<0.5	153.8	21.9	21.9	44.0	5.10	20.4	4.52	1.16	4.39	0.66	3.31	0.70	2.42
1144868	Drill Core	<1	349.8	0.3	1.5	0.5	234	<0.5	87.8	20.1	14.7	32.2	4.26	16.0	3.73	1.24	4.28	0.70	3.67	0.70	2.38
TECK SY-4	Pulp	9	1364.6	0.6	1.2	0.6	11	<0.5	634.7	120.5	61.7	133.5	15.85	65.0	14.30	2.10	15.89	2.91	20.21	4.63	16.24
2302957	Drill Core	<1	451.0	<0.1	1.1	0.4	249	<0.5	56.0	19.2	8.4	16.9	2.14	12.6	2.97	0.99	3.52	0.55	3.28	0.65	1.85
2307008	Drill Core	2	649.3	0.2	1.5	0.8	231	2.3	67.1	23.3	9.3	20.6	2.97	13.7	4.05	1.33	4.30	0.68	4.20	0.81	2.80
2307012	Drill Core	<1	723.3	0.2	1.3	0.6	217	0.8	64.2	17.7	10.6	21.2	2.84	12.0	3.28	1.07	3.33	0.57	3.14	0.75	1.92
2307027	Drill Core	4	520.0	0.2	1.3	1.0	211	3.0	64.0	20.6	6.1	16.6	2.55	12.3	3.15	1.07	3.78	0.60	3.60	0.65	2.15
2307028	Drill Core	3	615.2	0.2	1.0	0.9	228	2.3	70.1	20.6	7.6	19.6	2.83	13.8	3.37	1.21	3.72	0.70	3.36	0.73	2.19
2307031	Drill Core	1	537.3	0.2	1.1	0.7	221	1.1	64.1	18.0	10.9	20.7	2.60	11.8	2.70	0.96	3.11	0.52	3.03	0.68	2.04
2307034	Drill Core	<1	490.8	0.2	1.1	0.5	225	<0.5	63.4	17.2	8.7	20.5	2.65	10.5	2.57	1.08	3.25	0.53	3.01	0.53	1.68



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Project: 204920
 Report Date: January 20, 2014

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Part: 3 of 4

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method Analyte Unit MDL	4A-4B Tm	4A-4B Yb	4A-4B Lu	2A TOT/C %	2A Leco TOT/S %	1F Mo ppm	1F Cu ppm	1F Pb ppm	1F Zn ppm	1F Ag ppb	1F Ni ppm	1F Co ppm	1F Mn ppm	1F Fe %	1F As ppm	1F Au ppb	1F Cd ppm	1F Sb ppm	1F Bi ppm	1F P %	
1144568	Drill Core	0.17	1.21	0.20	0.46	0.51	3.24	153.33	1.61	49.9	144	7.1	14.6	809	4.37	34.6	1.9	0.07	0.29	<0.02	0.117
1144569	Drill Core	0.20	1.34	0.22	0.63	0.62	2.10	136.64	1.35	48.5	125	7.5	12.0	882	4.33	32.7	2.7	0.03	0.30	0.03	0.111
1144572	Drill Core	0.17	1.35	0.24	0.50	0.61	2.89	87.15	1.34	40.2	69	6.9	13.4	679	3.78	47.3	4.1	0.06	0.40	0.11	0.119
1144573	Drill Core	0.24	1.39	0.22	0.78	0.71	1.86	91.00	1.64	40.6	60	6.4	13.9	735	3.84	66.7	1.2	0.05	0.33	0.14	0.113
1144574	Drill Core	0.17	1.40	0.17	0.61	0.64	2.09	80.59	1.59	46.7	62	6.2	13.2	716	3.68	27.3	2.1	0.06	0.23	0.12	0.114
1144585	Drill Core	0.34	2.08	0.23	0.71	1.20	2.11	149.80	2.26	38.3	82	6.8	16.4	962	4.04	70.2	1.8	0.06	1.43	0.37	0.134
1144628	Drill Core	0.31	2.26	0.31	0.33	0.06	0.87	128.89	1.40	27.2	175	7.1	10.0	612	2.31	31.1	8.8	0.09	1.03	0.62	0.135
1144669	Drill Core	0.24	1.45	0.25	0.30	0.06	0.82	73.97	1.03	41.3	81	17.1	40.0	723	3.60	55.2	2.8	0.04	0.32	0.09	0.081
TECK RELINCHO ST-2	Pulp	0.09	0.60	0.09	0.12	0.24	40.40	783.49	22.90	51.7	444	9.6	9.6	253	2.40	2.9	3.0	0.28	0.05	0.30	0.071
1144710	Drill Core	0.27	1.64	0.29	0.88	0.14	0.65	111.39	2.41	58.3	163	9.2	20.4	1199	4.37	20.0	3.5	0.04	0.23	0.06	0.090
1144714	Drill Core	0.22	1.25	0.19	0.32	0.05	0.22	19.74	1.02	43.6	28	7.4	14.3	749	3.35	11.9	2.0	<0.01	0.23	0.03	0.103
1144742	Drill Core	0.23	1.60	0.26	0.62	0.02	0.39	82.71	0.88	51.3	20	4.9	13.0	827	3.77	2.4	4.3	0.01	0.27	<0.02	0.121
1144755	Drill Core	0.27	1.58	0.25	0.21	0.02	0.30	140.12	1.23	68.0	14	6.0	22.0	1257	4.12	3.6	1.0	<0.01	0.36	<0.02	0.145
1144773	Drill Core	0.23	1.53	0.24	0.19	0.08	0.18	71.52	1.20	58.4	33	12.3	14.0	933	3.30	2.7	0.6	0.03	0.22	<0.02	0.108
1144777	Drill Core	0.26	1.62	0.21	0.54	0.28	0.27	86.09	1.31	43.5	64	5.8	12.9	854	3.15	4.8	1.3	0.10	0.20	0.03	0.095
1144782	Drill Core	0.26	1.70	0.24	0.22	0.16	0.90	31.96	1.49	58.6	65	3.8	12.8	902	3.25	10.5	1.7	0.02	0.26	0.03	0.118
1144788	Drill Core	0.23	1.59	0.23	0.31	0.04	0.26	5.45	1.10	57.5	19	4.2	11.1	903	3.23	6.2	0.6	0.02	0.32	<0.02	0.122
1144793	Drill Core	0.25	1.57	0.29	0.44	0.03	0.40	28.25	1.24	43.6	13	6.4	11.9	780	3.05	4.0	<0.2	0.01	0.34	<0.02	0.115
1144794	Drill Core	0.38	2.39	0.41	0.83	0.05	0.50	89.65	2.02	93.9	26	32.9	31.6	1548	6.12	4.7	0.5	0.05	0.23	<0.02	0.170
1144806	Drill Core	0.25	1.56	0.24	0.61	0.11	0.89	89.94	0.92	54.8	23	3.9	11.7	1053	3.65	6.8	1.7	<0.01	0.16	<0.02	0.112
1144862	Drill Core	0.33	2.33	0.36	0.34	0.05	1.14	39.15	2.21	71.8	58	13.6	18.3	1035	4.02	6.8	<0.2	0.13	1.10	<0.02	0.108
1144868	Drill Core	0.35	2.27	0.31	0.12	0.15	0.51	56.95	2.19	60.9	81	132.9	33.8	948	5.00	10.4	<0.2	0.04	0.43	0.03	0.104
TECK SY-4	Pulp	2.43	14.95	2.18	1.07	<0.02	0.13	5.16	2.34	56.6	4	7.4	2.5	783	4.22	<0.1	<0.2	0.05	<0.02	<0.02	0.061
2302957	Drill Core	0.32	2.32	0.29	0.61	<0.02	0.27	4.24	1.82	74.7	22	13.5	24.4	1012	5.17	2.6	<0.2	0.03	0.29	<0.02	0.097
2307008	Drill Core	0.42	2.38	0.34	0.27	<0.02	0.16	33.92	0.88	22.0	21	3.7	3.5	298	0.94	4.8	<0.2	0.04	0.17	0.04	0.113
2307012	Drill Core	0.36	2.11	0.33	0.04	0.03	0.51	150.47	0.95	20.6	84	4.6	7.2	249	2.92	5.2	6.1	0.06	0.34	<0.02	0.107
2307027	Drill Core	0.29	1.84	0.28	0.43	0.87	0.94	1454.45	2.71	56.6	678	6.9	9.6	524	2.73	9.4	21.4	0.21	0.32	0.97	0.112
2307028	Drill Core	0.33	2.11	0.38	0.15	0.17	0.86	602.30	3.36	31.8	338	4.4	6.9	282	2.29	6.6	14.4	0.12	0.34	0.41	0.112
2307031	Drill Core	0.29	1.76	0.28	0.11	0.17	0.93	910.67	1.22	39.4	732	5.4	11.6	317	3.87	6.2	532.5	0.08	0.43	0.46	0.106
2307034	Drill Core	0.30	1.86	0.27	0.08	0.09	0.56	91.93	0.98	27.3	70	7.3	13.7	291	3.90	4.7	43.6	0.03	0.41	0.09	0.105

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.

CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
MDL		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
1144568	Drill Core	7.9	<20	<0.02	<5	0.4	0.13	<0.1	0.06	11	0.1	15.3	<10	<2
1144569	Drill Core	7.4	<20	<0.02	<5	0.3	0.08	0.1	0.05	112	0.5	17.5	<10	2
1144572	Drill Core	7.3	<20	<0.02	7	0.2	0.05	0.1	0.03	30	0.2	11.2	<10	3
1144573	Drill Core	6.5	<20	<0.02	12	0.2	0.09	<0.1	0.03	2	0.3	15.7	<10	<2
1144574	Drill Core	7.2	<20	<0.02	<5	0.2	0.04	<0.1	0.03	<1	0.1	16.0	<10	<2
1144585	Drill Core	3.4	166	<0.02	<5	1.3	0.06	<0.1	<0.02	4	0.3	11.9	15	5
1144628	Drill Core	4.3	<20	0.02	6	<0.1	0.03	0.2	<0.02	27	0.2	2.9	17	4
1144669	Drill Core	17.7	28	0.03	21	<0.1	<0.02	0.1	<0.02	6	0.2	9.1	20	9
TECK RELINCHO ST-2	Pulp	12.6	<20	0.05	13	<0.1	0.07	<0.1	<0.02	3	0.3	12.1	<10	<2
1144710	Drill Core	12.8	<20	0.11	13	0.1	0.06	0.2	<0.02	<1	0.4	4.2	18	4
1144714	Drill Core	9.2	<20	<0.02	8	<0.1	<0.02	0.2	<0.02	<1	0.3	6.2	<10	5
1144742	Drill Core	7.0	<20	0.02	<5	<0.1	0.02	0.1	<0.02	3	0.2	7.1	<10	<2
1144755	Drill Core	7.3	<20	<0.02	10	<0.1	<0.02	0.2	<0.02	3	0.4	10.7	<10	<2
1144773	Drill Core	11.0	<20	<0.02	<5	<0.1	0.05	0.2	<0.02	<1	0.3	8.1	<10	5
1144777	Drill Core	5.6	<20	0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	0.1	7.7	<10	3
1144782	Drill Core	4.1	<20	<0.02	7	<0.1	<0.02	0.2	<0.02	<1	0.3	9.2	<10	8
1144788	Drill Core	5.7	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	3	0.3	8.2	<10	<2
1144793	Drill Core	7.9	<20	<0.02	9	<0.1	0.02	<0.1	<0.02	<1	0.2	7.4	<10	<2
1144794	Drill Core	46.2	<20	<0.02	9	<0.1	<0.02	<0.1	<0.02	<1	0.5	15.3	12	2
1144806	Drill Core	5.9	<20	<0.02	6	<0.1	<0.02	0.1	<0.02	3	0.3	8.2	<10	5
1144862	Drill Core	22.2	<20	<0.02	9	<0.1	0.07	0.2	<0.02	<1	0.5	9.6	<10	<2
1144868	Drill Core	126.8	<20	<0.02	<5	<0.1	<0.02	0.2	<0.02	<1	0.5	26.3	<10	<2
TECK SY-4	Pulp	9.0	<20	0.22	7	<0.1	<0.02	0.2	<0.02	<1	0.3	29.1	<10	3
2302957	Drill Core	34.6	<20	<0.02	12	<0.1	<0.02	0.1	<0.02	<1	0.2	10.9	<10	3
2307008	Drill Core	10.0	<20	<0.02	11	<0.1	<0.02	0.1	<0.02	<1	0.2	8.6	<10	<2
2307012	Drill Core	15.0	<20	<0.02	6	<0.1	0.08	0.1	<0.02	<1	0.2	5.7	<10	2
2307027	Drill Core	15.5	<20	<0.02	5	1.3	0.47	<0.1	0.09	<1	<0.1	8.6	<10	4
2307028	Drill Core	15.3	<20	<0.02	<5	<0.1	0.07	<0.1	0.03	<1	0.2	5.3	<10	3
2307031	Drill Core	16.6	<20	<0.02	30	<0.1	0.80	<0.1	0.04	<1	0.2	6.5	<10	4
2307034	Drill Core	16.7	<20	0.02	<5	<0.1	0.14	0.1	<0.02	<1	0.2	8.4	<10	<2

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Unit		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
MDL		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
TECK RELINCHO ST-1	Pulp	66.27	15.89	3.32	0.98	2.82	4.10	3.07	0.39	0.15	0.04	<0.002	4	2.7	99.74	719	4.5	18.9	4.3	4.1	110.1
2307036	Drill Core	52.89	18.78	8.39	4.33	5.54	4.14	1.57	0.85	0.27	0.08	0.003	25	2.9	99.78	459	2.0	19.5	2.1	2.2	45.8
2307040	Drill Core	56.00	18.31	5.40	3.97	4.67	6.80	0.92	0.84	0.26	0.08	0.004	25	2.4	99.67	193	2.3	19.6	2.3	2.7	32.3
2307041	Drill Core	55.33	17.91	7.35	4.44	3.47	6.10	1.01	0.82	0.26	0.09	0.003	24	3.0	99.76	145	3.5	18.6	2.4	2.6	41.3
2307065	Drill Core	52.52	16.59	8.81	3.88	7.34	4.05	1.28	1.14	0.37	0.13	0.003	28	3.6	99.71	838	<0.1	16.6	3.5	8.1	26.0
2307104	Drill Core	56.73	17.11	7.12	3.01	3.80	5.90	1.00	0.65	0.24	0.08	<0.002	17	4.2	99.86	175	2.4	16.7	2.1	2.3	33.1
2307115	Drill Core	56.73	17.52	6.87	2.91	5.73	5.45	0.76	0.68	0.25	0.08	0.002	17	2.8	99.80	333	0.5	16.3	2.4	2.7	21.8
2307117	Drill Core	48.49	17.48	8.96	5.63	7.71	4.26	1.05	1.02	0.39	0.17	0.011	24	4.6	99.75	603	0.4	17.3	3.2	7.7	26.3
2307118	Drill Core	44.81	19.25	8.72	5.65	10.22	2.44	2.01	1.05	0.14	0.18	0.029	36	5.3	99.78	607	0.8	16.6	1.6	2.5	57.2
2307119	Drill Core	59.33	16.95	6.92	3.76	2.53	5.36	0.99	0.71	0.22	0.08	0.008	21	3.0	99.84	181	0.9	15.4	2.5	2.6	30.7
2307121	Drill Core	49.08	15.92	9.25	6.19	7.12	2.23	2.32	0.95	0.17	0.16	0.021	34	6.3	99.74	853	1.0	15.1	3.5	5.5	61.9
2307123	Drill Core	51.34	15.43	8.18	4.81	7.72	3.08	2.17	0.88	0.17	0.15	0.013	26	5.8	99.72	1011	0.7	15.1	4.1	8.0	47.7
2307125	Drill Core	51.38	15.98	8.57	4.94	7.90	2.87	2.40	0.92	0.15	0.15	0.012	26	4.4	99.65	1227	1.1	18.6	4.2	9.0	58.4
2307127	Drill Core	45.61	15.81	10.50	7.63	11.60	2.01	0.54	1.02	0.12	0.19	0.029	39	4.6	99.73	343	0.5	17.6	1.6	3.7	15.6
2307511	Drill Core	47.84	11.39	11.20	10.75	10.12	2.28	1.36	0.66	0.25	0.19	0.063	33	3.5	99.60	328	1.0	15.0	0.7	2.0	41.8
2307523	Drill Core	47.33	11.15	11.53	11.22	10.33	1.88	1.52	0.66	0.25	0.22	0.063	33	3.4	99.54	357	0.6	16.2	1.8	2.0	39.5
2307546	Drill Core	48.63	11.30	11.08	10.74	9.14	2.78	1.45	0.66	0.27	0.18	0.064	34	3.3	99.59	340	0.8	15.8	0.9	2.0	36.8
2307569	Drill Core	42.19	15.94	8.02	5.94	8.99	0.83	3.33	1.19	0.23	0.14	0.026	30	13.0	99.80	95	2.8	17.4	2.2	6.7	92.4
2307583	Drill Core	49.72	11.86	12.11	9.62	8.60	2.67	2.09	0.72	0.23	0.20	0.041	37	1.8	99.66	657	0.9	13.8	0.9	2.2	42.1
TECK RELINCHO ST-2	Pulp	65.41	16.65	3.72	1.26	3.33	4.35	2.19	0.46	0.15	0.04	<0.002	5	2.2	99.71	596	4.6	19.6	3.9	4.3	82.1
2307621	Drill Core	61.57	17.70	4.52	2.12	1.50	7.10	2.12	0.53	0.16	0.04	0.003	9	2.5	99.82	671	0.7	20.8	4.7	4.7	45.1
2307635	Drill Core	48.34	11.08	11.08	7.25	8.96	2.93	1.11	0.68	0.23	0.17	0.035	33	7.9	99.76	294	0.8	13.3	0.9	2.0	21.3
2307638	Drill Core	46.49	11.65	11.43	7.81	9.53	2.81	2.39	0.70	0.24	0.19	0.035	33	6.4	99.70	657	1.0	15.6	1.4	2.1	48.4
2307639	Drill Core	44.08	10.53	11.15	7.95	9.24	2.57	2.27	0.67	0.24	0.18	0.034	34	10.8	99.69	593	0.6	14.4	1.2	1.9	40.8
2307642	Drill Core	48.81	12.10	11.92	9.05	8.21	3.32	1.70	0.72	0.26	0.23	0.040	37	3.3	99.65	567	0.7	16.5	1.4	2.0	35.0
2307643	Drill Core	47.56	11.39	11.58	8.62	8.32	3.34	0.87	0.69	0.24	0.19	0.037	34	6.8	99.69	357	0.9	14.7	2.4	2.2	21.2
2307646	Drill Core	47.97	11.70	12.17	8.76	8.79	3.36	1.51	0.72	0.25	0.20	0.037	36	4.2	99.70	454	0.9	16.2	0.9	1.5	34.8
2307648	Drill Core	48.95	12.04	12.08	8.16	9.12	3.16	1.97	0.71	0.25	0.22	0.037	35	3.0	99.67	687	1.7	14.3	1.4	2.3	39.2
2307663	Drill Core	48.65	12.08	10.15	9.01	8.65	3.24	1.62	0.67	0.24	0.19	0.042	31	5.1	99.68	447	1.1	16.0	0.7	1.5	30.8
2322256	Drill Core	65.06	14.40	4.05	1.57	3.93	3.26	2.41	0.41	0.14	0.07	0.003	6	4.6	99.86	428	2.6	17.5	3.9	4.5	71.9

CERTIFICATE OF ANALYSIS

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03
TECK RELINCHO ST-1	Pulp	1	567.2	0.3	6.1	1.8	55	8.0	141.1	6.9	20.5	36.7	4.52	17.8	3.18	0.66	2.18	0.28	1.11	0.09	0.51
2307036	Drill Core	1	474.0	<0.1	1.2	0.5	256	1.5	69.4	18.1	9.3	21.6	2.76	12.2	2.80	0.82	3.37	0.57	3.49	0.70	2.04
2307040	Drill Core	2	532.3	<0.1	1.3	1.0	236	3.7	66.3	18.1	9.1	19.7	2.58	12.3	3.33	1.12	3.47	0.58	3.16	0.61	2.44
2307041	Drill Core	1	405.2	0.1	1.1	0.6	253	2.2	66.7	15.9	9.1	19.1	2.56	10.8	2.52	1.02	2.85	0.51	3.12	0.56	2.06
2307065	Drill Core	<1	512.5	0.6	2.3	0.9	239	0.5	159.9	27.7	24.0	46.9	5.89	24.2	4.89	1.71	5.79	0.93	6.20	1.09	2.79
2307104	Drill Core	<1	297.8	0.3	1.1	0.5	161	3.1	68.8	15.2	9.7	18.4	2.43	10.7	2.84	0.84	2.93	0.46	2.95	0.43	1.65
2307115	Drill Core	<1	585.3	0.1	1.5	0.8	175	1.7	79.9	15.4	11.6	21.7	2.84	11.9	2.82	0.98	3.38	0.53	3.48	0.50	2.14
2307117	Drill Core	<1	631.3	0.5	1.7	0.6	216	3.5	127.9	22.9	20.5	42.6	5.21	20.5	4.97	1.51	4.89	0.76	4.88	0.82	2.50
2307118	Drill Core	<1	418.6	0.2	0.2	<0.1	218	0.7	76.7	21.8	5.2	13.9	2.03	9.5	3.66	1.10	4.02	0.66	4.08	0.69	2.36
2307119	Drill Core	<1	382.3	0.2	1.2	0.5	178	2.6	73.3	18.1	8.6	19.2	2.61	9.9	2.85	1.00	3.22	0.54	2.97	0.49	1.92
2307121	Drill Core	<1	339.6	0.4	1.7	0.6	270	0.9	124.5	23.7	15.4	27.1	3.67	14.6	3.87	1.46	4.20	0.72	5.12	0.64	2.64
2307123	Drill Core	<1	427.5	0.4	3.1	1.0	210	1.0	186.6	23.3	19.8	40.5	4.55	18.9	3.87	1.47	4.67	0.73	4.74	0.66	2.85
2307125	Drill Core	<1	480.2	0.5	3.3	1.2	213	0.7	190.9	25.1	18.6	39.6	4.85	20.9	4.63	1.51	4.60	0.77	4.65	0.86	2.72
2307127	Drill Core	<1	354.3	0.1	0.7	<0.1	305	<0.5	66.1	21.1	7.4	18.8	2.38	11.7	2.97	1.26	3.83	0.72	4.05	0.87	2.36
2307511	Drill Core	<1	325.0	<0.1	0.6	0.6	297	16.0	39.8	14.8	5.0	12.2	1.75	8.6	2.05	0.85	2.75	0.42	2.29	0.41	1.23
2307523	Drill Core	<1	271.8	0.2	0.6	0.7	292	14.8	39.2	13.3	5.3	14.7	1.69	10.3	2.44	0.76	2.51	0.45	1.76	0.54	1.47
2307546	Drill Core	<1	292.5	0.1	0.8	1.3	320	111.0	40.5	14.3	6.5	16.1	2.04	11.5	2.80	0.89	2.97	0.45	2.45	0.50	1.37
2307569	Drill Core	<1	147.6	0.5	0.9	0.3	244	13.0	105.4	22.2	13.5	29.4	3.80	16.6	4.09	1.52	4.28	0.70	3.64	0.94	2.25
2307583	Drill Core	<1	469.6	0.1	1.0	0.6	279	2.1	42.9	14.0	6.6	12.0	1.82	11.0	2.48	0.90	3.23	0.47	3.05	0.49	1.21
TECK RELINCHO ST-2	Pulp	1	649.9	0.2	4.2	1.4	70	10.8	140.3	7.2	18.1	34.3	4.16	17.7	2.99	0.91	2.03	0.27	1.23	0.33	0.80
2307621	Drill Core	<1	277.0	0.3	3.7	2.0	99	3.8	144.9	12.6	12.2	26.5	3.31	11.7	3.21	0.74	2.51	0.43	1.83	0.50	1.46
2307635	Drill Core	<1	323.3	0.1	0.7	0.5	280	3.8	45.6	13.6	5.4	15.0	1.96	7.5	2.38	0.85	2.87	0.46	2.52	0.46	1.45
2307638	Drill Core	<1	363.6	0.2	0.6	0.5	287	1.7	45.1	13.6	6.7	14.4	1.79	12.0	2.65	0.98	2.75	0.49	2.04	0.49	1.33
2307639	Drill Core	<1	321.6	<0.1	0.5	0.6	285	1.5	35.9	13.3	6.4	12.8	1.63	8.2	2.03	0.81	2.54	0.42	2.41	0.49	1.33
2307642	Drill Core	<1	432.8	<0.1	1.0	0.6	276	2.5	45.6	14.9	7.3	15.0	1.89	9.1	2.65	0.96	2.85	0.52	2.37	0.59	1.91
2307643	Drill Core	<1	468.3	0.1	1.0	0.5	251	2.0	46.4	14.9	6.4	14.3	1.86	9.2	2.38	0.79	2.84	0.47	2.70	0.55	1.23
2307646	Drill Core	1	418.1	0.2	0.7	0.4	305	1.2	47.2	14.7	5.1	11.8	1.77	8.7	2.52	0.80	2.73	0.49	2.87	0.58	1.26
2307648	Drill Core	<1	426.7	0.3	0.9	0.4	300	1.9	45.0	15.0	6.5	15.3	2.17	11.0	2.56	0.85	3.10	0.51	2.04	0.59	1.50
2307663	Drill Core	<1	432.4	0.1	0.8	0.6	282	1.4	42.8	13.9	6.6	13.5	1.97	9.1	2.94	0.77	2.75	0.48	3.26	0.57	1.50
2322256	Drill Core	<1	166.3	0.3	10.6	5.6	73	2.6	128.2	10.2	13.8	29.1	3.38	15.9	2.89	0.64	2.51	0.35	1.64	0.42	1.19

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Method	Analyte	Unit	MDL	4A-4B Tm	4A-4B Yb	4A-4B Lu	2A TOT/C	2A Leco TOT/S	1F Mo	1F Cu	1F Pb	1F Zn	1F Ag	1F Ni	1F Co	1F Mn	1F Fe	1F As	1F Au	1F Cd	1F Sb	1F Bi	1F P
				ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	%
TECK RELINCHO ST-1	Pulp			0.10	0.66	0.09	0.19	0.22	11.22	182.51	13.61	48.1	145	8.1	5.9	232	1.97	2.8	<0.2	0.11	0.06	0.17	0.062
2307036	Drill Core			0.34	1.91	0.28	0.13	0.03	0.28	90.67	1.02	60.5	85	11.1	13.8	435	5.16	4.2	61.1	0.03	0.44	0.03	0.119
2307040	Drill Core			0.32	2.14	0.29	0.05	0.79	2.17	1242.37	1.53	29.0	717	10.4	19.9	266	2.52	9.8	21.9	0.05	0.52	0.56	0.117
2307041	Drill Core			0.25	1.67	0.24	0.16	0.09	1.10	649.74	1.00	44.9	166	10.9	16.4	496	4.01	7.0	20.5	0.12	0.17	0.18	0.114
2307065	Drill Core			0.40	2.83	0.46	0.32	<0.02	0.74	46.73	1.03	62.5	13	8.1	22.0	728	4.47	0.4	0.6	0.01	0.22	<0.02	0.165
2307104	Drill Core			0.25	2.03	0.26	0.63	0.29	0.36	14.97	0.90	50.3	134	6.7	14.3	598	4.62	6.3	4.0	0.04	0.05	0.08	0.107
2307115	Drill Core			0.33	2.00	0.35	0.32	0.72	0.76	32.52	5.76	46.0	83	8.9	19.1	506	3.71	10.6	8.3	0.13	0.43	0.11	0.110
2307117	Drill Core			0.40	2.39	0.46	0.49	<0.02	0.75	33.52	1.58	76.2	25	43.9	25.7	801	4.45	1.4	2.4	0.05	0.19	<0.02	0.173
2307118	Drill Core			0.41	2.47	0.37	0.76	0.03	0.26	75.43	3.18	48.9	86	31.7	23.6	728	4.05	1.9	2.3	0.08	0.16	<0.02	0.056
2307119	Drill Core			0.31	1.90	0.29	0.18	0.30	1.22	49.42	4.19	56.5	78	18.9	21.5	528	4.41	5.8	2.1	0.03	0.12	0.08	0.098
2307121	Drill Core			0.39	2.64	0.41	0.84	0.09	0.73	58.49	3.05	80.7	201	51.2	31.2	1074	5.58	2.5	0.7	0.17	0.08	<0.02	0.070
2307123	Drill Core			0.40	2.48	0.36	0.88	0.09	0.94	42.38	3.34	69.3	55	36.6	26.8	944	4.44	2.2	2.5	0.14	0.09	<0.02	0.077
2307125	Drill Core			0.43	2.46	0.45	0.58	0.12	0.96	42.12	2.69	60.8	75	29.9	23.6	751	4.32	6.5	2.2	0.08	0.20	0.03	0.078
2307127	Drill Core			0.40	2.17	0.35	0.62	0.07	0.45	71.63	2.37	72.8	75	55.4	31.8	957	5.34	3.0	1.7	0.10	0.08	0.02	0.064
2307511	Drill Core			0.22	1.31	0.21	0.27	0.16	24.51	699.26	8.71	50.8	484	55.3	20.9	489	4.40	8.4	4.7	0.26	0.23	0.06	0.127
2307523	Drill Core			0.19	1.18	0.19	0.23	0.15	9.74	1197.97	5.39	75.5	962	60.8	25.5	597	4.57	6.4	8.6	0.39	0.34	0.02	0.128
2307546	Drill Core			0.19	1.31	0.19	0.30	0.16	26.64	704.99	6.08	41.3	429	54.2	24.9	416	4.45	7.9	11.2	0.15	0.27	0.05	0.136
2307569	Drill Core			0.34	2.30	0.41	2.79	0.12	0.56	88.29	4.73	60.3	76	72.5	29.4	1056	4.83	3.1	3.3	0.07	0.14	0.04	0.117
2307583	Drill Core			0.19	1.27	0.27	0.20	0.24	0.46	76.38	8.89	24.2	68	29.0	19.7	438	5.31	5.6	4.0	0.07	0.20	0.04	0.105
TECK RELINCHO ST-2	Pulp			0.09	0.54	0.10	0.12	0.26	40.20	753.09	23.01	52.2	433	7.8	8.4	245	2.32	3.0	2.3	0.27	0.07	0.26	0.070
2307621	Drill Core			0.21	1.16	0.22	0.21	1.38	3.06	119.14	0.87	25.7	79	10.4	18.6	299	3.05	3.0	4.9	<0.01	0.08	0.12	0.069
2307635	Drill Core			0.18	1.24	0.23	1.57	<0.02	0.11	3.28	1.20	64.8	6	46.7	30.0	1069	6.45	5.6	1.2	0.06	0.19	<0.02	0.120
2307638	Drill Core			0.20	1.26	0.21	1.23	0.03	0.15	37.79	2.26	68.5	22	37.7	25.9	924	5.68	7.7	4.7	0.05	0.33	0.02	0.125
2307639	Drill Core			0.19	1.10	0.19	0.88	<0.02	0.29	72.16	3.27	44.2	166	33.1	20.4	630	5.86	6.9	2.5	0.06	0.31	0.03	0.126
2307642	Drill Core			0.24	1.54	0.19	0.51	<0.02	0.53	154.89	48.43	57.9	114	32.3	21.1	734	5.50	7.3	2.0	0.20	0.49	0.11	0.126
2307643	Drill Core			0.17	1.61	0.22	1.29	0.06	0.44	123.47	36.29	68.5	125	40.1	27.3	1042	5.29	6.5	1.3	0.07	0.15	0.05	0.116
2307646	Drill Core			0.24	1.50	0.20	0.49	<0.02	0.12	7.40	3.42	70.8	20	32.6	19.7	661	5.95	9.3	2.3	<0.01	0.24	<0.02	0.127
2307648	Drill Core			0.21	1.33	0.22	0.36	0.03	0.27	171.01	4.93	64.4	279	31.0	21.3	616	5.71	7.1	16.6	0.11	0.29	0.15	0.122
2307663	Drill Core			0.22	1.38	0.21	0.68	0.08	2.17	117.18	1.38	37.3	226	37.3	19.8	663	4.35	8.1	4.8	0.05	0.18	0.05	0.128
2322256	Drill Core			0.16	1.15	0.17	0.83	1.78	5.34	211.00	1.78	40.1	645	6.9	20.4	543	2.49	12.7	37.3	0.02	0.06	1.05	0.064

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Method	Analyte	Unit	MDL	1F Cr	1F B	1F Ti	1F Hg	1F Se	1F Te	1F Ge	1F In	1F Re	1F Be	1F Li	1F Pd	1F Pt
				ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
				0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
TECK RELINCHO ST-1	Pulp			11.3	<20	<0.02	8	<0.1	0.10	<0.1	<0.02	3	0.2	10.1	<10	5
2307036	Drill Core			21.3	<20	<0.02	13	<0.1	<0.02	<0.1	0.03	<1	0.2	12.7	<10	<2
2307040	Drill Core			12.0	<20	<0.02	<5	1.0	0.35	0.1	0.05	7	0.2	8.1	<10	<2
2307041	Drill Core			18.5	<20	<0.02	<5	<0.1	0.06	0.1	0.09	<1	0.4	25.4	<10	4
2307065	Drill Core			17.2	<20	<0.02	14	<0.1	<0.02	0.2	<0.02	3	0.5	9.6	<10	<2
2307104	Drill Core			9.3	<20	<0.02	<5	<0.1	<0.02	0.2	<0.02	<1	0.2	8.2	<10	<2
2307115	Drill Core			13.7	<20	<0.02	<5	0.2	0.08	0.3	<0.02	7	0.2	5.2	<10	<2
2307117	Drill Core			52.6	<20	<0.02	<5	<0.1	0.03	0.1	<0.02	<1	0.4	9.1	<10	2
2307118	Drill Core			119.4	<20	<0.02	<5	<0.1	<0.02	0.1	0.02	<1	0.3	11.5	16	2
2307119	Drill Core			51.1	<20	<0.02	<5	0.1	0.06	<0.1	0.02	11	0.3	9.6	<10	<2
2307121	Drill Core			113.5	<20	<0.02	<5	<0.1	<0.02	<0.1	0.04	<1	0.7	12.2	<10	<2
2307123	Drill Core			77.7	<20	<0.02	<5	<0.1	<0.02	0.2	<0.02	<1	0.3	10.6	<10	3
2307125	Drill Core			55.3	<20	0.02	<5	<0.1	<0.02	0.1	0.05	3	0.3	11.5	<10	<2
2307127	Drill Core			84.2	<20	<0.02	<5	0.2	<0.02	<0.1	<0.02	<1	0.1	15.2	<10	5
2307511	Drill Core			266.6	<20	<0.02	<5	0.1	<0.02	0.1	0.02	44	0.2	19.8	14	5
2307523	Drill Core			261.6	<20	<0.02	<5	0.4	<0.02	0.1	<0.02	<1	0.2	20.3	11	5
2307546	Drill Core			257.2	<20	<0.02	8	0.2	<0.02	0.1	<0.02	37	0.3	18.2	16	7
2307569	Drill Core			72.6	<20	0.05	12	<0.1	<0.02	<0.1	0.05	3	0.8	12.3	<10	3
2307583	Drill Core			173.3	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	0.2	7.1	15	6
TECK RELINCHO ST-2	Pulp			12.8	<20	0.03	<5	0.2	0.05	<0.1	<0.02	<1	0.3	12.7	<10	2
2307621	Drill Core			23.8	<20	<0.02	<5	1.3	0.14	<0.1	<0.02	<1	0.3	4.1	<10	<2
2307635	Drill Core			213.0	<20	<0.02	<5	<0.1	<0.02	0.1	0.03	<1	0.4	7.4	13	2
2307638	Drill Core			183.6	<20	<0.02	<5	<0.1	<0.02	<0.1	0.02	<1	0.2	5.3	16	7
2307639	Drill Core			189.6	<20	<0.02	<5	<0.1	<0.02	0.1	<0.02	<1	0.3	3.4	17	4
2307642	Drill Core			194.2	<20	<0.02	<5	<0.1	0.03	<0.1	0.02	<1	0.3	3.9	13	6
2307643	Drill Core			174.7	<20	<0.02	<5	<0.1	<0.02	<0.1	0.07	<1	0.4	10.0	12	9
2307646	Drill Core			179.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	3	0.2	4.3	10	<2
2307648	Drill Core			166.1	<20	0.02	13	<0.1	<0.02	<0.1	<0.02	<1	0.4	5.0	16	6
2307663	Drill Core			188.9	<20	<0.02	<5	0.1	<0.02	<0.1	0.03	<1	0.2	11.4	13	5
2322256	Drill Core			9.8	<20	0.04	12	1.4	1.43	<0.1	0.03	<1	0.2	4.5	<10	<2

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Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb	
Unit	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1	
2322258	Drill Core	64.13	14.77	4.02	1.74	3.82	3.67	2.22	0.41	0.12	0.09	0.003	6	4.8	99.82	524	2.3	16.3	3.2	4.3	63.4
2322259	Drill Core	63.79	15.44	2.91	1.89	4.12	4.13	2.19	0.41	0.12	0.09	0.002	6	4.7	99.82	454	3.0	18.3	3.2	4.4	65.4
2322260	Drill Core	64.12	15.52	2.97	1.68	4.01	3.91	2.34	0.41	0.12	0.08	0.003	6	4.7	99.86	394	4.2	18.1	3.3	4.8	70.3
2322261	Drill Core	66.28	14.77	3.43	0.94	3.79	2.09	3.18	0.38	0.11	0.06	0.003	5	4.8	99.85	845	2.1	16.8	3.3	4.5	107.5
2322265	Drill Core	63.20	15.57	2.95	1.29	4.31	4.38	2.16	0.41	0.12	0.07	0.003	6	5.3	99.80	1145	3.2	16.8	2.4	4.0	51.9
2322266	Drill Core	62.21	15.55	4.04	2.03	4.40	4.83	1.77	0.49	0.13	0.07	0.006	10	4.3	99.83	701	2.4	16.8	2.9	3.5	37.1
TECK GSP-2	Pulp	66.58	14.91	4.87	0.98	2.09	2.73	5.20	0.66	0.27	0.04	0.003	6	1.3	99.59	1385	0.9	22.2	15.6	23.8	252.7
2322267	Drill Core	64.17	15.90	2.90	1.55	3.57	5.36	1.66	0.38	0.12	0.05	0.003	6	4.2	99.84	617	2.7	19.5	3.2	3.9	39.4
2322268	Drill Core	63.91	16.20	2.83	1.44	3.52	5.50	1.73	0.39	0.13	0.04	0.003	5	4.1	99.83	830	2.0	18.9	2.3	4.2	40.9
2322306	Drill Core	54.44	16.14	9.68	5.45	6.59	3.54	1.00	0.76	0.20	0.15	0.007	27	1.8	99.73	524	1.7	17.2	1.0	1.7	25.2
2322337	Drill Core	53.58	16.23	9.92	5.06	8.21	2.90	0.77	0.77	0.20	0.15	0.006	28	1.9	99.76	522	0.6	17.6	1.7	1.8	16.3
2322380	Drill Core	59.36	17.86	5.06	2.27	4.46	4.78	1.46	0.48	0.26	0.05	<0.002	8	3.8	99.85	352	6.7	19.9	3.4	3.3	50.2
2322387	Drill Core	58.16	17.47	5.55	1.89	4.97	4.55	1.73	0.48	0.25	0.05	<0.002	9	4.8	99.85	376	5.7	16.8	3.2	3.4	57.7
2322395	Drill Core	56.47	16.88	5.87	1.86	5.76	4.31	1.62	0.48	0.24	0.05	<0.002	9	6.3	99.81	487	6.9	18.1	3.0	3.6	56.4
2322400	Drill Core	58.50	17.52	4.72	2.25	3.79	5.34	1.54	0.46	0.27	0.04	<0.002	8	5.4	99.83	210	5.2	17.8	2.0	3.7	53.3
2322403	Drill Core	57.83	17.64	4.65	2.31	4.51	5.23	1.46	0.44	0.26	0.06	<0.002	7	5.5	99.86	335	3.5	17.7	3.1	3.3	42.3
2322408	Drill Core	59.01	17.45	3.88	1.70	5.18	5.29	1.56	0.43	0.26	0.05	<0.002	7	5.0	99.79	283	5.1	17.1	2.3	3.0	55.4
2322410	Drill Core	58.19	17.04	4.93	1.90	4.96	4.69	1.70	0.42	0.24	0.06	<0.002	6	5.7	99.83	630	5.6	17.3	2.4	3.3	61.5
2322470	Drill Core	55.14	17.71	7.33	3.68	4.69	5.12	0.80	0.79	0.26	0.09	<0.002	16	4.1	99.66	341	1.9	16.1	2.3	4.7	29.0
2322552	Drill Core	59.19	17.75	5.19	2.08	3.79	5.41	1.40	0.44	0.27	0.05	<0.002	7	4.3	99.84	439	3.2	19.3	2.4	3.7	35.1
2322568	Drill Core	51.25	16.11	8.51	3.90	6.04	4.88	0.49	1.01	0.30	0.13	0.003	24	7.2	99.81	189	0.4	18.4	3.4	6.5	12.5
2322575	Drill Core	50.57	17.50	7.66	4.09	5.76	3.76	1.55	0.90	0.28	0.11	0.007	21	7.6	99.76	406	1.1	16.4	2.4	7.4	34.4
2322846	Drill Core	63.14	16.01	3.65	1.49	3.48	3.86	2.37	0.41	0.13	0.09	0.004	6	5.2	99.86	580	3.4	17.8	3.6	3.9	57.2
TECK RELINCHO ST-2	Pulp	65.36	16.36	3.64	1.24	3.28	4.29	2.15	0.45	0.15	0.04	0.003	5	2.8	99.73	528	4.7	19.2	4.3	3.6	75.3
2322847	Drill Core	64.84	15.28	2.90	1.32	3.58	2.99	2.84	0.38	0.12	0.09	0.004	6	5.5	99.85	793	4.2	16.9	3.0	3.7	66.4
2322857	Drill Core	59.53	14.52	4.50	2.52	5.20	3.24	2.43	0.41	0.13	0.12	0.003	6	7.2	99.83	842	3.4	14.5	2.4	3.7	55.2
2322859	Drill Core	63.10	14.78	3.81	1.87	3.97	3.30	2.48	0.40	0.13	0.09	0.004	6	5.9	99.83	880	2.4	14.3	3.5	3.3	57.3
2322860	Drill Core	54.52	13.01	4.93	3.10	7.96	2.73	2.21	0.36	0.12	0.16	0.003	6	10.5	99.65	2344	3.3	14.9	2.1	3.4	54.2

CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.03
2322258	Drill Core	<1	199.9	0.4	7.1	4.1	70	2.5	126.7	10.4	11.6	25.2	3.10	13.7	2.48	0.94	2.17	0.32	1.79	0.41	1.16
2322259	Drill Core	<1	211.7	0.3	3.7	2.4	273	2.1	131.1	11.0	12.7	26.0	3.11	11.9	2.51	0.84	2.48	0.37	1.35	0.36	1.35
2322260	Drill Core	<1	192.9	0.3	3.7	2.6	79	1.6	133.3	11.3	11.1	25.3	2.98	9.4	2.84	0.66	2.08	0.27	1.26	0.29	1.16
2322261	Drill Core	2	147.3	0.1	3.5	2.7	77	20.8	130.6	9.9	8.3	16.2	1.82	8.0	2.21	0.51	2.07	0.32	1.55	0.29	0.92
2322265	Drill Core	1	195.9	0.4	3.9	2.7	71	4.1	136.3	10.4	14.9	27.2	3.19	11.3	3.01	0.67	1.92	0.29	1.62	0.35	0.96
2322266	Drill Core	<1	245.6	0.2	3.3	2.0	100	1.3	114.0	12.0	11.3	24.4	2.83	11.6	2.43	0.87	2.35	0.32	1.61	0.39	1.19
TECK GSP-2	Pulp	7	245.0	0.7	112.4	2.6	57	0.9	591.4	26.3	175.0	431.8	53.45	194.6	25.14	2.23	12.63	1.46	5.02	0.82	2.63
2322267	Drill Core	2	296.1	0.5	3.4	2.6	66	1.6	139.0	10.3	14.3	28.9	3.44	11.2	2.48	0.76	2.30	0.35	1.20	0.40	0.77
2322268	Drill Core	1	270.4	0.2	3.3	2.4	62	1.1	140.0	8.9	12.0	25.9	2.92	9.3	2.10	0.74	2.19	0.28	1.83	0.47	0.82
2322306	Drill Core	<1	442.7	0.2	1.0	0.6	247	0.8	67.0	20.4	8.1	17.4	2.49	13.9	3.12	0.86	3.50	0.56	3.13	0.65	1.80
2322337	Drill Core	<1	457.7	0.1	0.8	0.7	252	2.4	66.2	20.6	9.0	18.0	2.26	14.1	2.84	0.89	3.22	0.60	3.48	0.73	2.40
2322380	Drill Core	<1	433.5	0.2	1.8	1.2	73	1.9	96.9	16.5	13.3	27.3	3.10	15.2	2.88	1.00	3.00	0.52	2.86	0.70	1.88
2322387	Drill Core	2	349.7	0.4	1.7	0.8	78	1.7	94.6	16.8	12.2	23.7	3.13	11.9	3.28	1.05	3.29	0.52	3.44	0.56	1.98
2322395	Drill Core	<1	329.1	0.2	1.6	1.1	90	8.3	88.0	16.7	11.2	24.7	3.08	11.7	3.12	0.78	3.08	0.54	3.80	0.76	1.57
2322400	Drill Core	1	306.2	0.2	2.3	1.3	68	8.7	94.3	18.6	12.0	22.6	3.08	12.3	3.25	0.78	2.59	0.48	2.67	0.55	1.99
2322403	Drill Core	<1	350.1	0.1	1.7	1.0	57	3.9	94.3	16.8	13.6	23.2	3.25	14.4	3.48	1.09	3.00	0.47	2.78	0.67	2.12
2322408	Drill Core	2	442.8	0.3	1.9	1.1	54	13.9	94.8	17.7	10.7	22.8	2.79	11.7	2.86	0.91	3.32	0.53	2.83	0.54	2.05
2322410	Drill Core	<1	367.0	<0.1	1.6	1.2	57	1.1	88.8	16.5	11.6	23.1	2.97	11.2	2.75	1.11	3.00	0.50	2.56	0.72	1.71
2322470	Drill Core	<1	580.9	0.1	1.4	1.2	179	10.0	74.1	19.8	10.4	20.2	2.60	12.2	3.02	1.04	3.39	0.59	3.34	0.65	2.10
2322552	Drill Core	<1	337.4	0.2	1.4	0.8	51	18.2	86.7	16.5	11.9	22.5	2.95	12.8	3.30	0.96	2.73	0.45	2.73	0.56	1.85
2322568	Drill Core	<1	263.3	0.5	2.3	1.0	257	5.3	123.5	23.8	18.5	40.8	4.84	23.9	4.52	1.28	4.34	0.70	3.99	0.87	2.52
2322575	Drill Core	2	284.8	0.4	2.1	1.0	194	10.6	131.3	20.1	15.7	37.1	4.51	18.8	4.34	1.20	3.92	0.69	4.29	0.73	2.52
2322846	Drill Core	1	221.6	0.1	2.8	1.6	73	1.4	120.9	10.1	13.0	28.1	3.16	11.2	2.35	0.70	1.93	0.31	1.75	0.35	1.12
TECK RELINCHO ST-2	Pulp	<1	570.5	0.3	3.4	1.0	61	9.2	125.5	7.2	14.2	33.6	4.00	13.0	2.62	0.84	1.76	0.28	0.90	0.21	0.57
2322847	Drill Core	<1	147.2	<0.1	3.0	1.9	63	1.3	111.6	8.3	8.3	22.3	2.24	7.5	1.96	0.48	1.84	0.22	1.39	0.32	0.97
2322857	Drill Core	<1	182.5	0.2	2.9	2.0	70	2.9	110.2	10.7	12.5	26.7	3.06	12.5	2.11	0.82	2.11	0.37	1.32	0.36	1.49
2322859	Drill Core	<1	146.6	0.3	3.2	1.9	75	3.6	100.3	10.1	10.0	20.4	2.48	12.2	2.73	0.74	1.65	0.31	1.31	0.36	0.58
2322860	Drill Core	1	216.4	0.2	2.6	1.8	60	3.1	93.7	12.3	13.0	26.2	2.83	15.1	2.51	0.80	2.39	0.37	1.83	0.35	1.44



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Project: 204920
 Report Date: January 20, 2014

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CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	4A-4B Tm	4A-4B Yb	4A-4B Lu	2A TOT/C	2A Leco TOT/S	1F Mo	1F Cu	1F Pb	1F Zn	1F Ag	1F Ni	1F Co	1F Mn	1F Fe	1F As	1F Au	1F Cd	1F Sb	1F Bi	1F P
Unit	MDL	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	%
		0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.001
2322258	Drill Core	0.17	1.11	0.22	0.73	1.86	8.93	313.53	4.98	53.5	1297	7.6	30.0	665	2.57	16.8	36.5	0.09	0.06	1.55	0.062
2322259	Drill Core	0.15	1.33	0.20	0.92	1.20	3.17	202.16	6.48	53.3	679	9.3	16.5	676	1.81	10.1	14.8	0.09	0.09	1.20	0.060
2322260	Drill Core	0.16	1.27	0.18	0.84	1.13	0.81	173.98	3.65	59.3	537	7.9	14.1	592	1.83	8.2	18.1	0.22	0.10	1.29	0.063
2322261	Drill Core	0.11	1.21	0.14	0.80	1.57	11.91	56.94	3.42	11.5	901	5.5	10.4	434	2.14	4.7	42.3	0.04	0.07	2.06	0.059
2322265	Drill Core	0.18	1.18	0.17	0.99	0.72	3.58	79.19	1.27	21.8	350	7.3	6.8	510	1.75	7.9	8.7	0.03	0.04	0.32	0.061
2322266	Drill Core	0.18	1.27	0.16	0.75	0.52	2.58	71.39	1.27	43.1	87	12.5	8.6	450	2.20	6.5	16.3	0.03	0.07	0.29	0.066
TECK GSP-2	Pulp	0.26	1.82	0.22	0.06	0.04	2.17	46.15	26.51	107.2	96	16.3	7.5	211	2.88	0.6	15.3	0.11	0.25	0.05	0.118
2322267	Drill Core	0.14	0.74	0.19	0.68	0.56	1.51	68.84	1.11	35.7	41	9.7	5.6	342	1.81	6.7	5.0	0.02	0.06	0.33	0.058
2322268	Drill Core	0.15	1.08	0.15	0.70	0.77	2.93	73.12	1.38	30.4	77	8.4	5.8	341	1.73	8.7	9.0	<0.01	0.06	0.45	0.056
2322306	Drill Core	0.36	2.21	0.29	0.06	0.02	6.75	219.05	1.12	24.8	54	10.3	17.5	431	4.97	3.6	5.8	0.02	0.43	0.06	0.094
2322337	Drill Core	0.33	2.20	0.41	0.12	0.05	0.65	61.86	1.08	32.4	41	9.3	16.3	454	4.78	2.4	4.1	0.06	0.44	0.06	0.092
2322380	Drill Core	0.30	2.12	0.31	0.51	0.34	0.99	28.16	1.17	38.9	108	2.6	10.5	372	3.01	6.0	6.9	0.06	0.08	0.25	0.123
2322387	Drill Core	0.25	1.73	0.33	0.73	0.10	4.31	132.84	0.99	34.7	72	3.0	4.7	332	3.21	5.9	5.6	0.01	0.07	0.11	0.122
2322395	Drill Core	0.28	1.61	0.27	1.03	1.88	1.86	316.67	1.81	34.3	525	3.0	11.1	355	3.64	14.3	16.1	0.04	0.08	0.62	0.121
2322400	Drill Core	0.27	2.52	0.35	0.61	1.93	9.37	413.21	2.17	26.9	430	2.2	13.4	326	2.97	13.3	17.9	0.03	0.04	0.63	0.123
2322403	Drill Core	0.25	1.89	0.36	0.76	0.44	0.38	53.12	1.42	45.4	56	1.8	3.0	454	2.67	4.8	3.5	0.03	0.03	0.08	0.127
2322408	Drill Core	0.29	2.10	0.32	0.86	0.61	2.16	713.79	1.98	31.2	353	2.1	9.9	408	2.33	5.5	7.3	0.02	0.06	0.20	0.126
2322410	Drill Core	0.25	1.77	0.29	0.81	0.10	1.26	25.32	0.63	33.6	21	2.4	4.5	454	2.81	4.0	3.3	0.04	0.09	0.06	0.114
2322470	Drill Core	0.31	2.18	0.32	0.40	0.12	119.15	994.99	1.55	54.3	267	3.0	13.8	558	4.51	4.0	19.5	0.17	0.35	0.28	0.114
2322552	Drill Core	0.28	1.94	0.26	0.51	0.43	7.56	167.96	0.74	24.3	50	2.0	7.6	367	3.21	4.6	3.6	0.05	0.04	0.22	0.114
2322568	Drill Core	0.40	2.26	0.32	1.15	0.10	7.32	154.39	1.38	50.8	74	6.3	21.6	969	5.59	1.5	2.2	0.02	0.06	0.12	0.132
2322575	Drill Core	0.35	1.86	0.37	1.12	0.17	12.98	360.33	1.57	57.6	116	14.9	22.4	922	4.90	3.7	2.3	0.03	0.05	0.21	0.127
2322846	Drill Core	0.16	0.79	0.14	0.76	0.15	2.65	15.09	2.10	45.7	46	9.5	8.1	674	1.96	19.3	10.8	0.05	0.11	0.66	0.061
TECK RELINCHO ST-2	Pulp	0.07	0.52	0.08	0.12	0.25	41.35	761.11	23.70	54.3	421	9.4	9.5	257	2.36	3.4	0.8	0.28	0.05	0.30	0.068
2322847	Drill Core	0.11	0.96	0.10	0.96	0.07	3.37	10.82	1.66	28.6	22	5.9	5.6	665	1.48	5.1	2.6	0.06	0.05	0.13	0.056
2322857	Drill Core	0.13	1.21	0.16	1.72	0.53	2.09	12.58	1.86	35.9	31	7.7	10.5	959	2.59	11.1	4.0	0.07	0.05	0.73	0.061
2322859	Drill Core	0.15	0.95	0.10	1.27	0.30	0.45	33.27	1.92	34.9	111	6.6	9.0	666	2.09	10.2	3.5	0.05	0.06	0.96	0.060
2322860	Drill Core	0.21	0.96	0.16	2.55	0.41	0.73	18.72	3.97	42.6	109	5.9	9.3	1248	2.95	9.0	1.8	0.10	0.06	0.67	0.054



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Project: 204920
Report Date: January 20, 2014

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CERTIFICATE OF ANALYSIS

VAN13005343.1

Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2
2322258	Drill Core	12.0	<20	0.02	19	2.6	1.66	<0.1	0.05	<1	0.3	4.5	<10	<2
2322259	Drill Core	12.9	<20	0.03	9	1.9	1.07	<0.1	0.03	<1	0.3	3.9	<10	5
2322260	Drill Core	12.5	<20	0.02	22	0.8	0.68	<0.1	0.03	<1	0.5	4.2	<10	<2
2322261	Drill Core	5.9	<20	0.05	25	1.8	1.48	<0.1	<0.02	3	0.2	2.4	<10	<2
2322265	Drill Core	5.4	<20	0.02	9	<0.1	0.09	<0.1	0.07	6	0.3	3.3	<10	<2
2322266	Drill Core	19.4	<20	<0.02	<5	<0.1	0.03	<0.1	0.04	<1	0.6	5.9	<10	<2
TECK GSP-2	Pulp	16.1	<20	0.60	23	<0.1	0.04	<0.1	0.03	<1	0.1	30.9	<10	<2
2322267	Drill Core	17.3	<20	0.03	5	<0.1	0.15	<0.1	0.04	<1	0.4	5.4	<10	<2
2322268	Drill Core	13.6	<20	0.03	11	0.4	0.12	<0.1	0.02	3	0.4	4.6	<10	<2
2322306	Drill Core	26.0	<20	0.04	8	<0.1	0.10	<0.1	<0.02	<1	0.4	11.3	<10	<2
2322337	Drill Core	22.9	<20	0.03	<5	<0.1	<0.02	<0.1	<0.02	<1	0.4	8.5	<10	3
2322380	Drill Core	4.4	<20	0.03	12	<0.1	<0.02	<0.1	<0.02	<1	<0.1	7.2	<10	<2
2322387	Drill Core	7.1	<20	0.04	<5	<0.1	<0.02	<0.1	<0.02	3	0.3	6.1	<10	<2
2322395	Drill Core	5.0	<20	0.03	6	2.0	0.41	0.1	<0.02	<1	0.2	5.7	<10	<2
2322400	Drill Core	3.8	<20	0.03	16	2.2	0.39	<0.1	0.02	3	0.5	5.9	<10	4
2322403	Drill Core	3.4	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	0.3	8.3	<10	<2
2322408	Drill Core	3.2	<20	<0.02	10	0.4	<0.02	<0.1	<0.02	<1	0.4	5.3	<10	<2
2322410	Drill Core	3.7	<20	0.03	17	<0.1	<0.02	<0.1	<0.02	7	0.2	5.1	<10	<2
2322470	Drill Core	4.4	<20	0.02	<5	0.5	<0.02	<0.1	0.05	46	0.3	13.7	28	<2
2322552	Drill Core	5.1	<20	0.02	6	0.2	<0.02	<0.1	0.02	5	0.3	5.5	<10	<2
2322568	Drill Core	14.9	<20	<0.02	5	0.2	<0.02	<0.1	0.05	4	0.2	13.3	<10	<2
2322575	Drill Core	27.5	<20	<0.02	<5	0.2	0.03	<0.1	0.05	3	0.4	15.5	<10	<2
2322846	Drill Core	11.2	<20	0.03	7	0.3	0.42	<0.1	0.04	<1	0.5	2.6	<10	<2
TECK RELINCHO ST-2	Pulp	13.2	<20	0.04	<5	0.4	0.03	<0.1	0.02	14	0.2	12.5	11	3
2322847	Drill Core	6.1	<20	0.03	<5	0.1	0.10	<0.1	0.03	<1	0.4	1.5	<10	3
2322857	Drill Core	9.5	<20	0.04	10	0.4	0.46	<0.1	0.03	<1	0.3	2.3	<10	<2
2322859	Drill Core	6.8	<20	0.03	5	0.2	0.34	<0.1	0.03	<1	0.3	2.0	<10	2
2322860	Drill Core	8.4	<20	0.04	<5	<0.1	0.23	<0.1	0.03	<1	0.4	2.4	<10	<2

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
Unit		%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1	
1144060	Drill Core	64.75	15.35	2.60	1.50	3.68	3.37	2.26	0.40	0.15	0.04	0.003	6	5.8	99.86	306	4.0	16.3	3.6	3.7	56.3
2307118	Drill Core	44.81	19.25	8.72	5.65	10.22	2.44	2.01	1.05	0.14	0.18	0.029	36	5.3	99.78	607	0.8	16.6	1.6	2.5	57.2
2322400	Drill Core	58.50	17.52	4.72	2.25	3.79	5.34	1.54	0.46	0.27	0.04	<0.002	8	5.4	99.83	210	5.2	17.8	2.0	3.7	53.3
2322857	Drill Core	59.53	14.52	4.50	2.52	5.20	3.24	2.43	0.41	0.13	0.12	0.003	6	7.2	99.83	842	3.4	14.5	2.4	3.7	55.2
Pulp Duplicates																					
1144459	Drill Core	48.28	14.95	12.53	3.77	9.45	4.11	0.80	1.14	0.26	0.23	0.003	29	4.3	99.79	257	0.4	14.9	1.5	2.0	10.6
REP 1144459	QC																				
1144467	Drill Core	49.00	15.92	12.22	3.67	9.11	4.01	1.13	1.09	0.23	0.21	0.003	29	3.1	99.71	824	<0.1	16.5	1.7	2.0	15.7
REP 1144467	QC	48.90	15.93	12.32	3.70	9.13	3.97	1.12	1.09	0.23	0.22	0.004	29	3.1	99.72	842	0.3	16.2	2.2	2.0	14.8
1144566	Drill Core	52.25	18.09	7.01	2.98	5.00	6.35	1.80	0.67	0.27	0.13	0.004	12	5.2	99.71	1117	1.0	19.1	1.7	6.3	30.6
REP 1144566	QC																				
1144788	Drill Core	53.82	17.83	7.37	2.62	7.85	4.90	0.46	0.88	0.27	0.18	0.003	12	3.6	99.81	224	0.4	18.8	2.1	7.3	11.5
REP 1144788	QC	53.50	18.02	7.34	2.64	7.96	4.94	0.46	0.88	0.28	0.18	<0.002	12	3.6	99.81	224	0.5	19.1	1.9	7.6	11.3
2307027	Drill Core	56.05	17.21	5.05	4.23	5.15	6.34	0.94	0.79	0.24	0.10	0.003	23	3.5	99.64	257	2.7	16.5	1.6	2.4	31.0
REP 2307027	QC																				
TECK RELINCHO ST-1	Pulp	66.27	15.89	3.32	0.98	2.82	4.10	3.07	0.39	0.15	0.04	<0.002	4	2.7	99.74	719	4.5	18.9	4.3	4.1	110.1
REP TECK RELINCHO ST-1	QC	66.41	15.86	3.27	0.95	2.83	4.08	3.07	0.39	0.15	0.03	<0.002	4	2.7	99.75	689	4.9	18.0	3.4	4.0	112.2
2307104	Drill Core	56.73	17.11	7.12	3.01	3.80	5.90	1.00	0.65	0.24	0.08	<0.002	17	4.2	99.86	175	2.4	16.7	2.1	2.3	33.1
REP 2307104	QC																				
2322260	Drill Core	64.12	15.52	2.97	1.68	4.01	3.91	2.34	0.41	0.12	0.08	0.003	6	4.7	99.86	394	4.2	18.1	3.3	4.8	70.3
REP 2322260	QC																				
TECK GSP-2	Pulp	66.58	14.91	4.87	0.98	2.09	2.73	5.20	0.66	0.27	0.04	0.003	6	1.3	99.59	1385	0.9	22.2	15.6	23.8	252.7
REP TECK GSP-2	QC	66.73	14.84	4.85	0.97	2.09	2.69	5.18	0.65	0.26	0.04	0.002	6	1.3	99.58	1455	1.1	22.6	16.2	26.5	260.7
2322380	Drill Core	59.36	17.86	5.06	2.27	4.46	4.78	1.46	0.48	0.26	0.05	<0.002	8	3.8	99.85	352	6.7	19.9	3.4	3.3	50.2
REP 2322380	QC																				
2322860	Drill Core	54.52	13.01	4.93	3.10	7.96	2.73	2.21	0.36	0.12	0.16	0.003	6	10.5	99.65	2344	3.3	14.9	2.1	3.4	54.2
REP 2322860	QC	54.38	13.04	4.95	3.10	8.03	2.75	2.20	0.36	0.12	0.16	0.003	6	10.5	99.65	2322	3.7	14.1	3.3	3.3	56.5
Reference Materials																					
STD DS10	Standard																				

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	
1144060	Drill Core	4	199.7	0.2	3.0	2.1	76	9.0	114.1	9.5	6.1	11.5	1.71	7.1	1.66	0.55	1.91	0.30	2.40	0.34	0.76
2307118	Drill Core	<1	418.6	0.2	0.2	<0.1	218	0.7	76.7	21.8	5.2	13.9	2.03	9.5	3.66	1.10	4.02	0.66	4.08	0.69	2.36
2322400	Drill Core	1	306.2	0.2	2.3	1.3	68	8.7	94.3	18.6	12.0	22.6	3.08	12.3	3.25	0.78	2.59	0.48	2.67	0.55	1.99
2322857	Drill Core	<1	182.5	0.2	2.9	2.0	70	2.9	110.2	10.7	12.5	26.7	3.06	12.5	2.11	0.82	2.11	0.37	1.32	0.36	1.49
Pulp Duplicates																					
1144459	Drill Core	<1	265.3	0.1	1.2	0.9	404	1.5	53.2	17.9	6.7	15.6	1.92	10.9	2.68	1.24	2.88	0.61	3.82	0.62	2.28
REP 1144459	QC																				
1144467	Drill Core	<1	389.5	0.2	0.9	0.7	397	1.2	52.1	20.7	6.6	14.3	2.10	7.4	3.28	1.09	3.72	0.65	2.89	0.62	2.50
REP 1144467	QC	<1	374.8	<0.1	0.6	0.7	398	1.5	50.2	18.8	7.0	13.2	2.17	10.3	2.29	1.22	3.20	0.57	3.25	0.61	2.28
1144566	Drill Core	<1	597.4	0.2	0.7	0.5	148	1.4	65.5	11.8	10.7	19.6	2.62	11.8	2.17	0.89	2.49	0.38	2.15	0.43	1.18
REP 1144566	QC																				
1144788	Drill Core	<1	664.2	0.4	1.0	0.4	176	1.2	71.2	15.3	9.0	20.1	2.51	11.9	2.67	0.95	2.95	0.46	3.05	0.55	1.62
REP 1144788	QC	<1	664.5	0.4	0.8	0.5	176	<0.5	67.7	16.1	9.5	18.2	2.59	10.7	2.55	0.90	2.89	0.45	2.86	0.53	1.64
2307027	Drill Core	4	520.0	0.2	1.3	1.0	211	3.0	64.0	20.6	6.1	16.6	2.55	12.3	3.15	1.07	3.78	0.60	3.60	0.65	2.15
REP 2307027	QC																				
TECK RELINCHO ST-1	Pulp	1	567.2	0.3	6.1	1.8	55	8.0	141.1	6.9	20.5	36.7	4.52	17.8	3.18	0.66	2.18	0.28	1.11	0.09	0.51
REP TECK RELINCHO ST-1	QC	1	554.1	0.2	5.8	1.4	48	6.7	132.3	6.0	19.7	38.2	4.41	15.7	2.54	0.77	1.89	0.25	1.14	0.08	0.70
2307104	Drill Core	<1	297.8	0.3	1.1	0.5	161	3.1	68.8	15.2	9.7	18.4	2.43	10.7	2.84	0.84	2.93	0.46	2.95	0.43	1.65
REP 2307104	QC																				
2322260	Drill Core	<1	192.9	0.3	3.7	2.6	79	1.6	133.3	11.3	11.1	25.3	2.98	9.4	2.84	0.66	2.08	0.27	1.26	0.29	1.16
REP 2322260	QC																				
TECK GSP-2	Pulp	7	245.0	0.7	112.4	2.6	57	0.9	591.4	26.3	175.0	431.8	53.45	194.6	25.14	2.23	12.63	1.46	5.02	0.82	2.63
REP TECK GSP-2	QC	7	255.7	0.7	119.5	2.6	61	0.7	631.0	25.7	188.5	459.9	57.00	219.9	28.10	2.08	13.18	1.30	5.34	0.93	2.36
2322380	Drill Core	<1	433.5	0.2	1.8	1.2	73	1.9	96.9	16.5	13.3	27.3	3.10	15.2	2.88	1.00	3.00	0.52	2.86	0.70	1.88
REP 2322380	QC																				
2322860	Drill Core	1	216.4	0.2	2.6	1.8	60	3.1	93.7	12.3	13.0	26.2	2.83	15.1	2.51	0.80	2.39	0.37	1.83	0.35	1.44
REP 2322860	QC	<1	217.3	0.3	2.7	1.9	64	3.6	95.7	11.0	12.5	25.5	2.94	13.0	2.56	0.99	2.63	0.38	2.43	0.64	1.31
Reference Materials																					
STD DS10	Standard																				

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Method	4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	P	
Unit	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%
MDL	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.02	0.001
1144060	Drill Core	0.11	1.14	0.14	0.98	1.04	7.53	34.67	2.80	14.3	77	5.6	5.9	255	1.35	11.0	4.2	0.06	0.08	0.33	0.062
2307118	Drill Core	0.41	2.47	0.37	0.76	0.03	0.26	75.43	3.18	48.9	86	31.7	23.6	728	4.05	1.9	2.3	0.08	0.16	<0.02	0.056
2322400	Drill Core	0.27	2.52	0.35	0.61	1.93	9.37	413.21	2.17	26.9	430	2.2	13.4	326	2.97	13.3	17.9	0.03	0.04	0.63	0.123
2322857	Drill Core	0.13	1.21	0.16	1.72	0.53	2.09	12.58	1.86	35.9	31	7.7	10.5	959	2.59	11.1	4.0	0.07	0.05	0.73	0.061
Pulp Duplicates																					
1144459	Drill Core	0.37	1.74	0.29	0.58	0.05	0.95	195.85	0.87	54.9	116	8.1	19.6	955	4.65	9.2	3.1	0.07	0.10	<0.02	0.100
REP 1144459	QC						0.84	198.86	0.97	59.1	104	8.1	18.7	946	4.72	9.6	1.7	0.10	0.12	<0.02	0.096
1144467	Drill Core	0.27	2.26	0.29	0.26	0.04	12.67	166.42	2.97	59.9	94	6.8	16.8	816	4.12	3.7	3.1	0.04	0.13	<0.02	0.086
REP 1144467	QC	0.31	1.98	0.27																	
1144566	Drill Core	0.19	1.29	0.18	0.96	0.91	2.26	92.18	2.20	42.6	144	7.1	14.7	871	4.37	58.0	0.9	0.05	0.63	0.12	0.118
REP 1144566	QC				0.91	0.90															
1144788	Drill Core	0.23	1.59	0.23	0.31	0.04	0.26	5.45	1.10	57.5	19	4.2	11.1	903	3.23	6.2	0.6	0.02	0.32	<0.02	0.122
REP 1144788	QC	0.22	1.47	0.25																	
2307027	Drill Core	0.29	1.84	0.28	0.43	0.87	0.94	1454.45	2.71	56.6	678	6.9	9.6	524	2.73	9.4	21.4	0.21	0.32	0.97	0.112
REP 2307027	QC						0.97	1465.41	2.75	55.5	725	7.1	9.9	524	2.76	10.4	19.5	0.14	0.31	1.04	0.110
TECK RELINCHO ST-1	Pulp	0.10	0.66	0.09	0.19	0.22	11.22	182.51	13.61	48.1	145	8.1	5.9	232	1.97	2.8	<0.2	0.11	0.06	0.17	0.062
REP TECK RELINCHO ST-1	QC	0.07	0.59	0.09																	
2307104	Drill Core	0.25	2.03	0.26	0.63	0.29	0.36	14.97	0.90	50.3	134	6.7	14.3	598	4.62	6.3	4.0	0.04	0.05	0.08	0.107
REP 2307104	QC				0.63	0.28															
2322260	Drill Core	0.16	1.27	0.18	0.84	1.13	0.81	173.98	3.65	59.3	537	7.9	14.1	592	1.83	8.2	18.1	0.22	0.10	1.29	0.063
REP 2322260	QC						0.70	175.70	3.56	63.9	542	7.7	14.6	598	1.86	8.3	19.5	0.27	0.11	1.41	0.062
TECK GSP-2	Pulp	0.26	1.82	0.22	0.06	0.04	2.17	46.15	26.51	107.2	96	16.3	7.5	211	2.88	0.6	15.3	0.11	0.25	0.05	0.118
REP TECK GSP-2	QC	0.27	1.87	0.24																	
2322380	Drill Core	0.30	2.12	0.31	0.51	0.34	0.99	28.16	1.17	38.9	108	2.6	10.5	372	3.01	6.0	6.9	0.06	0.08	0.25	0.123
REP 2322380	QC				0.50	0.35															
2322860	Drill Core	0.21	0.96	0.16	2.55	0.41	0.73	18.72	3.97	42.6	109	5.9	9.3	1248	2.95	9.0	1.8	0.10	0.06	0.67	0.054
REP 2322860	QC	0.13	0.86	0.18	2.54	0.41	0.70	18.29	3.88	42.4	114	6.5	9.6	1261	2.97	9.6	11.4	0.12	0.05	0.70	0.057
Reference Materials																					
STD DS10	Standard						13.00	154.30	163.82	379.7	2140	71.5	13.2	952	2.84	47.1	82.7	2.82	6.03	13.90	0.081

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Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Cr	B	Ti	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppm	
MDL		0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	10	2	
1144060	Drill Core	2.9	<20	0.02	8	0.7	0.16	<0.1	<0.02	<1	0.4	1.0	<10	<2
2307118	Drill Core	119.4	<20	<0.02	<5	<0.1	<0.02	0.1	0.02	<1	0.3	11.5	16	2
2322400	Drill Core	3.8	<20	0.03	16	2.2	0.39	<0.1	0.02	3	0.5	5.9	<10	4
2322857	Drill Core	9.5	<20	0.04	10	0.4	0.46	<0.1	0.03	<1	0.3	2.3	<10	<2
Pulp Duplicates														
1144459	Drill Core	11.7	<20	<0.02	<5	<0.1	0.04	0.1	<0.02	<1	0.1	7.8	16	3
REP 1144459	QC	11.5	<20	<0.02	7	<0.1	<0.02	<0.1	0.02	<1	0.4	7.8	11	5
1144467	Drill Core	12.9	<20	<0.02	5	<0.1	<0.02	0.2	0.02	4	0.2	5.6	20	3
REP 1144467	QC													
1144566	Drill Core	8.9	<20	<0.02	<5	0.2	0.07	0.1	0.04	5	0.3	15.4	<10	<2
REP 1144566	QC													
1144788	Drill Core	5.7	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	3	0.3	8.2	<10	<2
REP 1144788	QC													
2307027	Drill Core	15.5	<20	<0.02	5	1.3	0.47	<0.1	0.09	<1	<0.1	8.6	<10	4
REP 2307027	QC	15.7	<20	<0.02	<5	1.0	0.59	0.1	0.05	<1	0.2	9.0	<10	<2
TECK RELINCHO ST-1	Pulp	11.3	<20	<0.02	8	<0.1	0.10	<0.1	<0.02	3	0.2	10.1	<10	5
REP TECK RELINCHO ST-1	QC													
2307104	Drill Core	9.3	<20	<0.02	<5	<0.1	<0.02	0.2	<0.02	<1	0.2	8.2	<10	<2
REP 2307104	QC													
2322260	Drill Core	12.5	<20	0.02	22	0.8	0.68	<0.1	0.03	<1	0.5	4.2	<10	<2
REP 2322260	QC	12.5	<20	0.03	13	0.8	1.03	<0.1	0.02	3	0.3	4.0	<10	<2
TECK GSP-2	Pulp	16.1	<20	0.60	23	<0.1	0.04	<0.1	0.03	<1	0.1	30.9	<10	<2
REP TECK GSP-2	QC													
2322380	Drill Core	4.4	<20	0.03	12	<0.1	<0.02	<0.1	<0.02	<1	<0.1	7.2	<10	<2
REP 2322380	QC													
2322860	Drill Core	8.4	<20	0.04	<5	<0.1	0.23	<0.1	0.03	<1	0.4	2.4	<10	<2
REP 2322860	QC	8.4	<20	0.04	<5	0.2	0.14	<0.1	0.03	3	0.3	2.3	<10	<2
Reference Materials														
STD DS10	Standard	56.4	<20	5.24	367	2.5	5.11	<0.1	0.25	68	0.6	20.8	97	214



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Project: 204920
 Report Date: January 20, 2014

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QUALITY CONTROL REPORT

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		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb	
		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1	
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD SO-18	Standard	58.43	13.90	7.62	3.36	6.22	3.69	2.17	0.68	0.82	0.40	0.551	24	1.9	99.75	503	6.6	16.2	9.0	19.0	27.3	
STD SO-18	Standard	58.32	14.04	7.57	3.36	6.25	3.67	2.16	0.69	0.81	0.40	0.554	24	1.9	99.73	527	6.2	17.0	9.1	18.9	27.6	
STD SO-18	Standard	58.03	14.13	7.53	3.32	6.29	3.83	2.19	0.69	0.84	0.41	0.572	25	1.9	99.75	516	7.0	16.8	9.7	19.1	28.1	
STD SO-18	Standard	58.40	13.98	7.57	3.34	6.21	3.69	2.15	0.69	0.83	0.40	0.563	25	1.9	99.73	543	7.0	16.9	10.7	19.9	29.3	
STD SO-18	Standard	58.11	14.17	7.55	3.37	6.36	3.70	2.17	0.69	0.78	0.40	0.549	24	1.9	99.75	490	6.6	18.0	9.1	19.9	28.1	
STD SO-18	Standard	58.26	14.10	7.51	3.38	6.34	3.67	2.16	0.69	0.78	0.40	0.550	24	1.9	99.74	492	6.6	17.7	10.0	18.8	28.7	
STD SO-18	Standard	58.03	14.16	7.59	3.41	6.37	3.66	2.18	0.69	0.79	0.40	0.556	24	1.9	99.73	505	7.0	16.8	8.8	20.3	27.8	
STD SO-18	Standard	58.27	14.07	7.57	3.38	6.29	3.68	2.16	0.69	0.77	0.40	0.553	24	1.9	99.73	540	6.5	16.4	10.2	19.0	29.2	
STD SO-18	Standard	58.19	14.07	7.60	3.35	6.35	3.70	2.11	0.69	0.81	0.40	0.552	26	1.9	99.74	501	7.0	15.7	9.8	19.6	28.1	
STD SO-18	Standard	57.81	14.25	7.67	3.35	6.44	3.73	2.11	0.70	0.82	0.40	0.549	25	1.9	99.75	516	6.5	16.3	9.6	20.1	28.6	
STD SO-18	Standard	58.55	13.95	7.55	3.34	6.23	3.64	2.15	0.69	0.78	0.40	0.548	24	1.9	99.73	513	6.5	15.4	9.6	20.4	27.3	
STD SO-18	Standard	58.59	13.91	7.54	3.33	6.21	3.70	2.14	0.68	0.78	0.40	0.546	24	1.9	99.74	511	6.9	16.0	9.3	19.3	26.4	
STD SO-18	Standard	57.85	14.11	7.72	3.40	6.36	3.62	2.29	0.69	0.81	0.40	0.564	24	1.9	99.72	527	7.7	16.7	9.3	19.4	27.5	
STD SO-18	Standard	57.97	14.09	7.66	3.38	6.35	3.62	2.28	0.69	0.82	0.40	0.566	24	1.9	99.72	523	6.7	16.0	9.1	20.4	27.2	

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Project: 204920
 Report Date: January 20, 2014

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QUALITY CONTROL REPORT

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		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	
STD DS10	Standard																					
STD DS10	Standard																					
STD DS10	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD OREAS45EA	Standard																					
STD SO-18	Standard	16	393.7	6.6	9.4	17.5	204	13.9	293.4	30.0	11.3	23.4	3.28	13.5	2.20	0.84	2.97	0.52	2.76	0.49	1.91	
STD SO-18	Standard	13	404.3	7.5	9.5	17.3	205	15.7	299.8	30.8	13.1	24.4	3.26	12.4	2.85	0.82	3.17	0.45	3.13	0.54	1.66	
STD SO-18	Standard	12	402.6	7.1	9.7	16.8	186	15.2	295.3	27.8	11.9	28.0	3.34	14.2	3.15	0.81	2.87	0.47	2.81	0.67	1.76	
STD SO-18	Standard	12	443.1	6.9	10.4	15.5	201	15.4	320.9	30.3	13.3	28.5	3.27	13.4	3.04	0.87	3.38	0.55	3.07	0.53	1.67	
STD SO-18	Standard	15	393.3	7.1	8.9	15.4	199	14.5	293.2	29.3	12.8	25.0	3.16	13.0	2.64	0.93	2.78	0.48	2.98	0.57	1.79	
STD SO-18	Standard	14	409.2	6.9	9.4	16.1	194	14.9	294.7	31.0	11.6	27.2	3.19	12.4	2.66	0.92	2.98	0.49	3.15	0.55	1.88	
STD SO-18	Standard	13	413.4	8.0	9.7	17.2	200	15.6	293.7	29.7	12.7	26.7	3.57	13.6	2.86	0.90	2.74	0.49	3.32	0.63	1.91	
STD SO-18	Standard	12	419.3	7.6	9.8	16.4	199	17.2	291.1	30.3	13.7	28.1	3.77	14.9	2.83	0.78	3.03	0.49	2.98	0.62	1.89	
STD SO-18	Standard	15	397.2	5.9	10.3	15.6	191	14.5	296.8	27.8	13.5	28.1	3.24	12.3	2.71	0.90	2.78	0.47	2.96	0.58	1.60	
STD SO-18	Standard	14	412.5	6.6	10.1	15.9	195	15.0	301.7	29.5	13.4	27.8	3.27	13.7	2.87	0.89	3.05	0.49	3.01	0.59	1.71	
STD SO-18	Standard	14	428.3	7.0	9.6	16.6	195	16.0	301.1	31.0	13.4	27.7	3.34	14.1	2.92	0.85	2.92	0.50	2.99	0.59	1.73	
STD SO-18	Standard	14	418.6	6.7	9.8	17.4	193	15.8	288.0	29.5	12.6	26.5	3.24	13.5	2.80	0.83	3.07	0.48	2.94	0.58	1.79	
STD SO-18	Standard	14	424.3	6.2	9.7	14.9	200	14.6	300.0	30.8	13.7	27.1	3.20	12.8	2.85	0.84	2.88	0.48	2.92	0.59	1.79	
STD SO-18	Standard	15	413.4	6.6	9.6	15.4	204	14.9	298.1	29.9	13.4	27.1	3.16	12.1	2.69	0.82	2.87	0.46	2.89	0.56	1.74	

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Project: 204920
 Report Date: January 20, 2014

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QUALITY CONTROL REPORT

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		4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B 2A Lu ppm 0.01	Leco 2A TOT/C % 0.02	Leco TOT/S % 0.02	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F Au ppb 0.2	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F P % 0.001
STD DS10	Standard						13.46	163.95	165.45	375.1	2079	78.3	13.9	930	2.88	45.6	126.3	2.65	6.44	12.15	0.078
STD DS10	Standard						13.69	170.06	169.85	365.7	2031	84.5	14.5	909	2.86	46.9	62.4	2.58	5.84	14.05	0.076
STD DS10	Standard						14.90	159.74	160.47	338.1	1858	74.9	11.9	872	2.72	45.0	73.4	2.36	7.00	11.83	0.073
STD GS311-1	Standard				1.00	2.36															
STD GS311-1	Standard				1.00	2.29															
STD GS311-1	Standard				1.01	2.30															
STD GS311-1	Standard				0.98	2.29															
STD GS910-4	Standard				2.70	8.37															
STD GS910-4	Standard				2.69	8.37															
STD GS910-4	Standard				2.67	8.51															
STD GS910-4	Standard				2.60	8.24															
STD OREAS45EA	Standard						1.27	701.35	14.70	31.7	277	392.1	51.2	409	24.93	7.3	57.6	0.03	0.13	0.26	0.032
STD OREAS45EA	Standard						1.34	740.99	15.74	33.0	297	414.5	52.6	418	25.29	7.9	57.0	0.05	0.11	0.26	0.032
STD OREAS45EA	Standard						1.38	709.67	16.89	30.4	286	400.3	56.6	410	23.36	8.1	59.1	0.04	0.11	0.33	0.027
STD OREAS45EA	Standard						1.31	705.84	15.12	31.8	248	402.2	48.3	370	23.71	9.0	51.0	0.02	0.16	0.23	0.027
STD SO-18	Standard	0.23	2.04	0.26																	
STD SO-18	Standard	0.30	1.68	0.23																	
STD SO-18	Standard	0.26	1.96	0.27																	
STD SO-18	Standard	0.28	1.87	0.33																	
STD SO-18	Standard	0.24	1.53	0.29																	
STD SO-18	Standard	0.24	1.56	0.30																	
STD SO-18	Standard	0.29	1.65	0.28																	
STD SO-18	Standard	0.25	1.76	0.29																	
STD SO-18	Standard	0.27	1.65	0.25																	
STD SO-18	Standard	0.24	1.67	0.29																	
STD SO-18	Standard	0.27	1.84	0.26																	
STD SO-18	Standard	0.27	1.79	0.28																	
STD SO-18	Standard	0.28	1.75	0.28																	
STD SO-18	Standard	0.26	1.64	0.29																	



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QUALITY CONTROL REPORT

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		1F Cr ppm 0.5	1F B ppm 20	1F Ti ppm 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ge ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD DS10	Standard	56.3	<20	5.18	364	2.2	5.18	<0.1	0.25	52	0.7	21.6	104	186
STD DS10	Standard	56.4	<20	5.04	306	2.1	4.97	<0.1	0.24	59	0.4	20.3	108	189
STD DS10	Standard	51.2	<20	4.85	277	2.6	4.47	<0.1	0.25	55	0.2	18.8	109	175
STD GS311-1	Standard													
STD GS311-1	Standard													
STD GS311-1	Standard													
STD GS311-1	Standard													
STD GS910-4	Standard													
STD GS910-4	Standard													
STD GS910-4	Standard													
STD GS910-4	Standard													
STD OREAS45EA	Standard	894.2	<20	0.06	12	0.3	<0.02	<0.1	0.09	3	0.5	2.4	76	119
STD OREAS45EA	Standard	904.4	<20	0.05	21	0.6	0.19	0.2	0.09	<1	0.6	2.3	69	87
STD OREAS45EA	Standard	824.1	<20	0.06	<5	0.4	0.09	0.1	0.08	<1	0.4	2.4	55	149
STD OREAS45EA	Standard	837.1	<20	<0.02	8	0.2	0.12	0.2	0.08	<1	0.3	2.2	67	130
STD SO-18	Standard													
STD SO-18	Standard													
STD SO-18	Standard													
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QUALITY CONTROL REPORT

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		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD SO-18 Expected		58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	25			514	7.1	17.6	9.8	19.3	28.7
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	2	<0.1	0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	4	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	0.02	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	0.04	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1	<0.1	<0.1



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 PHONE (604) 253-3158

Client: **Teck Resources Limited**
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: January 20, 2014

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QUALITY CONTROL REPORT

VAN13005343.1

	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
STD GS311-1 Expected	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	
STD GS910-4 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD SO-18 Expected	15	407.4	7.4	9.9	16.4	200	14.8	290	29	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	0.2	0.1	<0.1	0.02	<0.3	<0.05	0.03	<0.05	<0.01	<0.05	<0.02	<0.03
BLK	Blank	<1	1.1	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	0.02	<0.03
BLK	Blank	<1	0.6	<0.1	<0.2	<0.1	<8	<0.5	0.5	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	0.03	<0.03
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	0.2	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.1	<0.1	0.4	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03

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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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: January 20, 2014

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Part: 3 of 4

QUALITY CONTROL REPORT

VAN13005343.1

		4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	P
		ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	%
		0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.001
STD GS311-1 Expected					1.02	2.35															
STD GS910-4 Expected					2.65	8.27															
STD DS10 Expected							14.69	154.61	150.55	352.9	1960	74.6	12.9	861	2.7188	43.7	91.9	2.48	7.8	11.65	0.073
STD OREAS45EA Expected							1.39	709	14.3	28.9	260	381	52	400	23.51	9.1	53	0.02	0.2	0.26	0.029
STD SO-18 Expected		0.27	1.79	0.27																	
BLK	Blank						<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02	<0.02	<0.001
BLK	Blank						<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02	<0.02	<0.001
BLK	Blank				<0.02	<0.02															
BLK	Blank				<0.02	<0.02															
BLK	Blank				<0.02	<0.02															
BLK	Blank				<0.02	<0.02															
BLK	Blank						<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02	<0.02	<0.001
BLK	Blank						<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.2	<0.01	<0.02	<0.02	<0.001
BLK	Blank	<0.01	<0.05	<0.01																	
BLK	Blank	<0.01	<0.05	<0.01																	
BLK	Blank	<0.01	<0.05	<0.01																	
BLK	Blank	<0.01	0.10	<0.01																	
BLK	Blank	<0.01	<0.05	<0.01																	
BLK	Blank	<0.01	<0.05	<0.01																	
BLK	Blank	<0.01	<0.05	<0.01																	



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Project: 204920
 Report Date: January 20, 2014

Page: 3 of 3

Part: 4 of 4

QUALITY CONTROL REPORT

VAN13005343.1

		1F Cr ppm 0.5	1F B ppm 20	1F Ti ppm 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ge ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD GS311-1 Expected														
STD GS910-4 Expected														
STD DS10 Expected		54.6		4.79	289	2.3	4.89	0.08	0.22	50	0.6	19.1	110	188
STD OREAS45EA Expected		849		0.072	10	0.63	0.07	0.26	0.08		0.41	2.37	66	108
STD SO-18 Expected														
BLK	Blank	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank													
BLK	Blank													
BLK	Blank													
BLK	Blank	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.5	<20	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank													
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Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Liz Stock
Receiving Lab: Canada-Vancouver
Received: January 27, 2014
Report Date: February 04, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN13005343R.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_020
P.O. Number
Number of Samples: 21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
4B03	21	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

SAMPLE DISPOSAL

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC: Michael Buchanan and Liz Stock
Edna Torres



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.

CERTIFICATE OF ANALYSIS

VAN13005343R.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
1144710	Drill Core	470	0.7	20.0	1.6	3.1	13.1	<1	669.8	<0.1	0.9	0.7	387	1.1	53.0	18.9	6.1	13.2	1.96	9.6	2.85	
1144714	Drill Core	187	0.3	21.6	1.5	8.7	9.8	<1	914.3	0.4	0.8	0.6	222	0.6	54.3	13.6	8.0	16.1	2.20	9.6	2.57	
1144742	Drill Core	297	1.2	21.1	1.9	7.8	26.0	1	560.1	0.5	0.7	0.5	186	0.6	66.1	16.6	8.9	16.5	2.43	10.3	2.68	
1144755	Drill Core	406	0.9	22.2	1.7	8.1	15.2	<1	685.2	0.4	0.8	0.4	207	0.6	61.0	16.4	9.6	19.7	2.69	12.0	3.09	
1144773	Drill Core	138	0.2	20.7	2.1	8.7	11.1	<1	696.0	0.6	0.9	0.5	195	<0.5	68.1	15.3	8.5	17.5	2.39	11.2	2.63	
1144777	Drill Core	374	0.9	20.0	1.8	7.2	30.4	<1	516.1	0.4	0.9	0.4	176	<0.5	63.0	15.6	8.9	17.9	2.52	11.4	2.57	
1144782	Drill Core	443	0.3	20.1	2.0	7.6	16.6	<1	704.5	0.4	0.9	0.3	180	<0.5	68.5	15.9	9.0	18.1	2.51	11.0	2.73	
1144788	Drill Core	247	0.3	21.2	2.0	7.6	11.6	<1	696.0	0.5	0.8	0.4	194	0.5	71.1	15.5	9.3	18.7	2.53	11.8	2.67	
1144793	Drill Core	212	0.2	19.0	2.0	7.4	4.8	<1	691.0	0.3	1.0	0.4	189	<0.5	73.5	16.1	10.0	19.2	2.63	11.7	2.97	
1144794	Drill Core	759	0.1	16.3	2.7	8.6	21.2	<1	365.3	0.4	1.6	0.6	248	<0.5	114.1	23.5	16.1	35.7	4.34	18.1	4.31	
1144806	Drill Core	356	0.4	19.6	2.0	6.7	14.9	<1	413.6	0.4	0.7	0.2	176	0.5	63.6	14.4	8.5	17.3	2.41	10.7	2.53	
1144862	Drill Core	1064	<0.1	17.5	3.3	7.5	34.0	<1	618.9	0.4	3.8	1.5	166	<0.5	147.5	19.6	19.6	38.4	4.64	19.1	3.78	
1144868	Drill Core	633	<0.1	13.1	2.0	4.6	18.3	<1	314.8	0.2	1.3	0.4	241	<0.5	82.0	18.7	12.5	27.2	3.67	16.7	3.38	
TECK SY-4	Pulp	357	1.5	34.3	9.8	12.9	55.0	8	1277.2	0.7	1.2	0.9	18	<0.5	542.2	116.5	60.1	119.9	15.05	60.4	13.05	
2302957	Drill Core	487	0.8	15.7	1.6	2.0	16.5	<1	436.3	<0.1	1.0	0.4	251	<0.5	52.8	17.8	7.0	14.9	2.14	9.5	2.66	
2307008	Drill Core	200	1.0	17.5	1.9	2.6	19.1	2	577.7	0.2	1.1	0.9	246	2.5	63.0	21.8	8.2	18.7	2.82	13.6	3.97	
2307012	Drill Core	277	1.7	18.6	1.8	2.4	21.1	<1	699.0	0.1	1.0	0.5	223	1.4	63.4	17.1	9.7	19.4	2.60	11.6	2.84	
2307027	Drill Core	247	1.9	17.8	1.6	2.5	31.0	2	492.7	<0.1	1.0	1.0	216	2.7	60.5	18.5	6.0	15.4	2.32	11.9	3.10	
2307028	Drill Core	260	1.7	17.7	1.8	2.6	27.3	2	561.3	0.2	1.0	0.9	228	2.4	62.3	18.8	6.4	16.6	2.56	12.6	3.01	
2307031	Drill Core	434	1.7	17.3	1.7	2.4	38.1	<1	541.9	0.1	1.2	0.7	231	0.7	62.5	17.3	9.2	20.1	2.65	11.1	2.96	
2307034	Drill Core	471	2.2	16.7	1.7	2.6	37.6	<1	466.7	0.1	0.9	0.6	226	0.7	59.9	16.1	8.6	17.4	2.41	11.3	2.64	

CERTIFICATE OF ANALYSIS

VAN13005343R.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
1144710	Drill Core	1.06	3.51	0.53	3.45	0.74	2.09	0.31	2.10	0.30
1144714	Drill Core	0.98	2.72	0.42	2.65	0.52	1.69	0.22	1.49	0.22
1144742	Drill Core	1.00	3.13	0.46	2.76	0.56	1.75	0.24	1.78	0.25
1144755	Drill Core	1.10	3.42	0.53	3.30	0.66	1.84	0.29	1.97	0.27
1144773	Drill Core	0.86	3.08	0.46	2.77	0.59	1.62	0.24	1.68	0.26
1144777	Drill Core	0.91	2.94	0.42	2.92	0.52	1.74	0.25	1.60	0.22
1144782	Drill Core	0.93	2.96	0.44	2.76	0.58	1.57	0.26	1.67	0.25
1144788	Drill Core	0.99	3.21	0.47	2.82	0.62	1.63	0.26	1.65	0.24
1144793	Drill Core	0.92	3.13	0.48	2.79	0.58	1.66	0.25	1.55	0.26
1144794	Drill Core	1.37	4.81	0.71	4.34	0.88	2.47	0.36	2.51	0.38
1144806	Drill Core	0.86	2.70	0.42	2.61	0.52	1.53	0.21	1.42	0.23
1144862	Drill Core	1.12	3.98	0.59	3.65	0.73	2.30	0.37	2.39	0.37
1144868	Drill Core	1.11	3.80	0.61	3.32	0.72	1.98	0.30	2.05	0.32
TECK SY-4	Pulp	1.96	14.63	2.67	18.89	4.49	14.86	2.38	15.43	2.16
2302957	Drill Core	0.92	3.14	0.49	3.12	0.67	2.03	0.27	1.99	0.29
2307008	Drill Core	1.11	4.02	0.64	4.01	0.84	2.35	0.36	2.30	0.34
2307012	Drill Core	0.99	3.33	0.50	3.13	0.65	1.83	0.29	1.98	0.29
2307027	Drill Core	0.98	3.51	0.55	3.60	0.71	2.04	0.31	1.94	0.28
2307028	Drill Core	1.05	3.51	0.55	3.35	0.72	1.97	0.32	1.96	0.30
2307031	Drill Core	1.03	3.23	0.50	2.99	0.61	1.98	0.28	1.82	0.28
2307034	Drill Core	0.99	3.16	0.47	2.85	0.61	1.86	0.25	1.66	0.26

QUALITY CONTROL REPORT

VAN13005343R.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte		Ba	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		1	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05
Pulp Duplicates																					
2307034	Drill Core	471	2.2	16.7	1.7	2.6	37.6	<1	466.7	0.1	0.9	0.6	226	0.7	59.9	16.1	8.6	17.4	2.41	11.3	2.64
REP 2307034	QC	477	2.5	17.6	1.7	2.5	39.4	<1	474.7	<0.1	1.1	0.5	238	1.1	62.6	16.7	8.7	18.9	2.47	11.4	2.88
Reference Materials																					
STD SO-18	Standard	532	7.6	18.2	9.0	19.8	27.8	14	399.6	6.5	9.8	16.5	215	13.3	297.0	29.1	12.1	26.0	3.22	13.6	2.70
STD SO-18	Standard	536	7.0	18.0	9.1	20.1	28.6	15	423.8	6.6	9.9	16.9	213	13.7	302.5	30.1	12.8	25.8	3.28	13.4	2.90
STD SO-18 Expected		514	7.1	17.6	9.8	19.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	290	29	12.3	27.1	3.45	14	3
BLK	Blank	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	0.3	<0.1	<0.02	<0.3	<0.05



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 04, 2014

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

VAN13005343R.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
Pulp Duplicates										
2307034	Drill Core	0.99	3.16	0.47	2.85	0.61	1.86	0.25	1.66	0.26
REP 2307034	QC	0.97	3.13	0.49	3.01	0.62	1.95	0.29	1.85	0.30
Reference Materials										
STD SO-18	Standard	0.80	3.00	0.47	2.88	0.56	1.90	0.26	1.57	0.27
STD SO-18	Standard	0.89	3.02	0.49	3.02	0.62	1.88	0.29	1.77	0.29
STD SO-18 Expected		0.89	2.93	0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01



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Client: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Vancouver
Received: February 14, 2014
Report Date: February 22, 2014
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN14000514.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_021
P.O. Number
Number of Samples: 25

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include 4A4B, 1F06, and 2X.

ADDITIONAL COMMENTS



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

CERTIFICATE OF ANALYSIS

VAN14000514.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
Unit		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
1144169	Drill Core	62.48	15.89	4.58	1.65	2.41	3.09	2.97	0.43	0.13	0.03	0.004	7	4.6	98.28	660	4.8	18.9	3.5	5.4	88.6
2302650	Drill Core	66.54	13.61	1.65	1.59	3.60	3.79	2.32	0.34	0.13	0.04	0.005	5	6.0	99.63	546	2.3	20.0	2.8	4.1	58.6
2302653	Drill Core	71.29	13.52	1.78	1.53	1.90	3.89	1.76	0.31	0.11	0.04	0.003	5	3.8	99.89	188	2.4	16.6	2.7	4.3	58.0
2302654	Drill Core	60.81	17.05	3.14	3.43	2.42	4.68	1.86	0.68	0.28	0.09	0.004	12	5.1	99.57	278	2.5	22.3	2.3	4.8	53.0
2302657	Drill Core	66.09	15.41	1.75	1.76	2.53	5.05	2.06	0.43	0.18	0.05	0.003	6	4.5	99.75	597	2.0	16.5	2.8	4.2	49.0
2302660	Drill Core	67.19	14.64	1.81	1.90	2.95	4.71	1.69	0.36	0.14	0.06	0.004	5	4.2	99.69	1307	1.9	16.1	3.2	4.1	42.9
2302661	Drill Core	61.53	17.07	2.55	2.57	3.09	5.88	2.27	0.68	0.23	0.06	0.004	10	3.8	99.72	488	2.1	19.6	2.6	5.3	51.5
TECK RELINCHO ST-1	Pulp	66.62	15.70	3.22	0.96	2.79	4.04	2.99	0.38	0.13	0.03	0.002	4	2.9	99.79	683	4.4	17.5	3.4	3.9	98.1
2302663	Drill Core	69.30	13.86	1.94	1.70	2.16	3.97	3.29	0.31	0.12	0.04	0.004	5	3.0	99.71	854	2.5	18.4	2.9	3.3	67.3
2302665	Drill Core	62.36	16.63	2.79	3.05	2.35	5.86	2.06	0.73	0.25	0.05	0.008	12	3.5	99.63	492	2.5	19.5	2.8	5.1	52.0
2302741	Drill Core	59.70	17.21	4.98	1.94	3.80	5.88	1.24	0.55	0.22	0.09	0.003	5	4.1	99.69	623	2.9	15.8	2.2	4.1	30.9
2302742	Drill Core	55.20	18.79	6.17	2.59	3.39	6.68	1.24	0.67	0.29	0.10	<0.002	6	4.6	99.76	338	2.6	17.7	2.1	3.9	31.5
2302743	Drill Core	55.34	18.23	5.85	1.97	4.21	6.19	1.57	0.65	0.28	0.08	0.002	7	5.4	99.72	330	2.4	17.1	2.1	3.8	38.4
2302745	Drill Core	55.40	18.80	5.18	1.84	4.17	5.12	2.48	0.66	0.29	0.07	0.004	7	5.7	99.73	263	3.6	18.2	2.0	3.6	70.5
2302746	Drill Core	53.56	18.48	6.01	2.10	4.68	4.48	2.72	0.66	0.27	0.09	0.003	7	6.7	99.75	191	4.6	17.3	2.0	3.5	70.6
2302747	Drill Core	53.93	18.43	6.33	2.08	4.80	5.20	2.14	0.65	0.28	0.10	0.003	7	5.8	99.72	503	3.8	17.0	1.9	3.4	59.8
2302749	Drill Core	54.16	18.92	6.12	2.17	4.57	5.68	1.73	0.68	0.29	0.10	0.004	7	5.3	99.72	511	2.9	17.8	2.0	3.7	48.1
TECK RELINCHO ST-2	Pulp	65.31	16.44	3.68	1.26	3.28	4.30	2.14	0.46	0.14	0.04	0.004	5	2.7	99.71	564	4.3	18.4	3.4	3.3	72.0
2302761	Drill Core	58.03	18.28	5.44	1.61	4.12	5.46	1.68	0.60	0.23	0.08	0.003	6	4.1	99.59	515	4.1	18.5	2.3	4.2	48.6
2302797	Drill Core	57.34	18.44	5.60	1.64	4.54	5.85	1.42	0.62	0.23	0.09	0.005	6	4.0	99.81	542	3.3	17.4	2.3	4.4	37.2
2307010	Drill Core	56.12	17.97	4.42	4.63	6.38	6.40	0.52	0.80	0.22	0.10	0.007	22	2.2	99.77	199	1.1	16.6	1.9	2.2	15.4
2307042	Drill Core	55.36	18.36	5.84	4.43	4.43	6.08	0.89	0.82	0.23	0.07	0.005	22	3.3	99.80	179	2.0	17.1	1.9	2.1	27.9
2307605	Drill Core	48.53	11.88	12.32	9.22	8.88	2.45	2.10	0.72	0.25	0.19	0.049	36	3.1	99.66	502	0.8	12.8	1.3	1.5	38.5
2322262	Drill Core	62.29	16.08	3.64	1.89	3.83	4.03	2.20	0.49	0.14	0.07	0.011	8	5.2	99.86	356	4.0	16.1	3.2	3.8	51.0
2322412	Drill Core	57.65	16.52	6.54	2.10	5.02	3.50	2.34	0.55	0.24	0.08	0.010	8	5.0	99.59	311	4.2	16.6	2.9	4.8	84.2

CERTIFICATE OF ANALYSIS

VAN14000514.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.03	
1144169	Drill Core	3	237.9	0.4	4.5	2.8	82	8.1	125.4	10.8	16.0	29.9	3.60	13.4	2.60	0.69	2.36	0.35	1.95	0.37	1.12
2302650	Drill Core	1	324.7	0.3	3.1	1.7	97	8.8	101.4	7.7	6.3	12.7	1.80	7.3	1.66	0.42	1.57	0.25	1.35	0.29	0.85
2302653	Drill Core	<1	256.9	0.4	10.3	4.1	78	4.7	91.6	7.3	7.5	13.6	1.79	7.6	1.68	0.46	1.53	0.24	1.33	0.28	0.86
2302654	Drill Core	2	308.1	0.3	2.2	4.5	169	13.4	80.3	17.0	10.0	21.6	3.01	12.4	2.87	0.63	3.01	0.51	3.24	0.61	1.77
2302657	Drill Core	2	368.3	0.3	4.0	3.5	84	8.8	99.2	10.4	8.3	17.8	2.31	9.6	2.08	0.53	1.87	0.32	1.81	0.38	1.07
2302660	Drill Core	1	580.6	0.4	4.9	3.7	79	6.7	112.9	8.4	8.4	17.2	2.15	8.9	1.80	0.51	1.70	0.25	1.56	0.33	1.06
2302661	Drill Core	3	382.3	0.4	5.3	7.4	136	12.5	82.7	16.4	10.7	22.3	3.02	13.3	2.88	0.82	2.87	0.49	2.91	0.63	1.83
TECK RELINCHO ST-1	Pulp	1	500.4	0.3	4.5	1.4	48	7.4	124.0	5.9	18.5	35.9	4.36	16.0	2.65	0.72	1.79	0.24	1.29	0.23	0.61
2302663	Drill Core	1	282.1	0.4	10.5	5.3	100	11.2	88.3	8.1	7.4	15.1	1.92	7.5	1.62	0.47	1.49	0.23	1.31	0.30	0.88
2302665	Drill Core	2	310.0	0.4	3.8	6.5	134	23.2	92.8	14.9	10.4	20.8	2.72	11.4	2.63	0.74	2.83	0.46	2.71	0.58	1.75
2302741	Drill Core	<1	462.1	0.3	2.6	1.8	73	19.3	72.2	14.0	9.6	19.1	2.69	12.0	2.54	0.93	2.80	0.44	2.62	0.55	1.55
2302742	Drill Core	<1	478.7	0.2	1.2	0.9	87	85.2	71.4	17.8	10.8	22.8	3.26	14.8	3.39	1.21	3.55	0.54	3.40	0.68	2.13
2302743	Drill Core	<1	411.6	0.3	1.1	1.0	94	22.3	66.7	15.7	9.7	20.0	2.76	12.5	2.89	0.98	3.07	0.48	3.02	0.62	1.76
2302745	Drill Core	1	323.0	0.2	1.2	1.2	98	29.0	64.5	16.1	9.7	20.6	2.92	13.4	3.12	1.04	3.23	0.53	3.11	0.68	2.01
2302746	Drill Core	<1	291.9	0.3	1.0	1.0	112	16.4	67.1	14.8	8.7	18.7	2.65	12.1	2.66	0.94	2.87	0.47	2.88	0.60	1.73
2302747	Drill Core	<1	426.0	0.2	1.0	0.7	98	12.1	66.4	16.6	10.9	22.7	3.12	13.8	3.10	1.03	3.02	0.51	3.23	0.61	1.81
2302749	Drill Core	<1	469.9	0.2	0.9	0.7	105	24.5	69.7	17.7	10.2	21.4	3.07	13.6	3.26	1.06	3.29	0.50	3.32	0.70	1.91
TECK RELINCHO ST-2	Pulp	1	596.6	0.3	3.7	1.1	66	11.0	126.9	6.8	16.8	33.5	4.26	17.2	3.00	0.86	2.17	0.27	1.27	0.24	0.67
2302761	Drill Core	<1	526.3	0.3	1.2	1.0	76	9.1	81.3	17.5	11.5	23.4	3.27	14.7	3.35	1.21	3.50	0.55	3.27	0.67	2.04
2302797	Drill Core	<1	564.0	0.3	1.3	0.9	88	8.3	83.9	20.3	12.1	25.2	3.44	14.8	3.32	1.20	3.78	0.59	3.48	0.72	2.13
2307010	Drill Core	2	561.8	0.1	1.1	0.8	213	1.4	63.4	18.7	10.6	22.2	3.05	13.5	3.08	1.07	3.45	0.56	3.36	0.74	1.95
2307042	Drill Core	1	414.5	0.1	1.3	0.8	221	1.3	62.1	15.3	9.3	18.3	2.61	10.8	2.60	0.84	2.84	0.47	3.00	0.62	1.71
2307605	Drill Core	<1	387.4	0.1	0.9	0.6	292	1.4	39.1	13.4	5.8	12.4	1.84	9.0	2.34	0.77	2.66	0.44	2.69	0.53	1.44
2322262	Drill Core	1	175.4	0.3	3.6	2.6	82	4.7	115.9	9.3	13.1	25.4	3.19	12.8	2.44	0.71	2.13	0.31	1.70	0.35	1.03
2322412	Drill Core	1	194.6	0.3	2.8	1.5	89	11.1	108.2	14.1	11.7	22.7	2.98	12.7	2.74	0.83	2.70	0.41	2.43	0.50	1.54

CERTIFICATE OF ANALYSIS

VAN14000514.1

Method	4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	P	
Unit	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%
MDL	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.02	0.001
1144169	Drill Core	0.18	1.24	0.20	0.66	2.01	42.48	>10000	7.54	49.4	4969	5.5	12.2	227	2.63	<0.1	91.6	0.18	0.35	16.93	0.052
2302650	Drill Core	0.12	0.84	0.14	0.93	0.78	206.50	1525.65	3.61	35.3	2519	6.4	2.8	331	0.85	<0.1	424.1	0.02	0.51	2.90	0.051
2302653	Drill Core	0.13	0.87	0.16	0.66	<0.02	36.54	79.73	1.01	36.9	87	8.7	3.8	318	0.96	0.5	51.0	<0.01	0.26	1.28	0.047
2302654	Drill Core	0.29	1.92	0.30	0.74	0.17	46.21	2029.21	2.88	126.9	1349	18.9	8.8	698	1.87	1.2	464.1	0.02	0.94	4.25	0.123
2302657	Drill Core	0.16	1.13	0.18	0.81	0.24	32.70	666.72	1.38	61.5	393	9.6	4.2	405	1.03	0.7	159.6	0.03	0.38	1.63	0.078
2302660	Drill Core	0.16	1.04	0.18	0.46	0.50	108.90	244.71	1.33	53.8	219	9.3	4.3	425	1.04	0.9	51.6	<0.01	0.21	1.06	0.056
2302661	Drill Core	0.29	1.96	0.31	0.41	0.26	107.21	781.58	2.13	50.2	687	13.4	5.4	433	1.58	2.0	108.8	<0.01	0.47	1.28	0.096
TECK RELINCHO ST-1	Pulp	0.09	0.57	0.09	0.19	0.19	12.21	180.79	14.02	47.4	126	7.3	5.9	227	1.88	2.5	6.0	0.12	0.18	0.19	0.055
2302663	Drill Core	0.14	0.98	0.16	0.37	0.14	170.84	651.55	2.08	31.6	721	9.9	3.7	299	1.14	0.7	118.7	<0.01	0.63	1.94	0.047
2302665	Drill Core	0.27	1.93	0.31	0.33	0.11	276.92	1237.24	1.47	44.7	1184	13.1	7.2	378	1.67	0.4	257.8	<0.01	0.15	2.11	0.106
2302741	Drill Core	0.23	1.59	0.25	0.62	0.11	109.28	948.75	1.44	58.5	253	1.6	7.1	622	2.94	1.3	51.1	<0.01	0.17	0.38	0.102
2302742	Drill Core	0.31	1.95	0.31	0.71	0.02	68.97	449.13	1.19	77.9	260	2.1	9.0	708	3.62	1.3	30.5	<0.01	0.12	0.21	0.126
2302743	Drill Core	0.27	1.80	0.31	0.96	0.19	29.74	994.50	1.08	69.2	554	3.2	8.2	586	3.37	1.1	64.6	0.03	0.12	0.57	0.123
2302745	Drill Core	0.30	1.87	0.31	1.03	0.11	26.71	1079.71	1.23	62.3	673	2.7	5.9	541	2.84	1.3	67.5	0.02	0.18	1.03	0.131
2302746	Drill Core	0.26	1.77	0.28	1.25	0.10	42.56	1057.51	1.65	66.6	224	2.7	7.9	713	3.33	1.1	58.5	0.04	0.11	0.79	0.137
2302747	Drill Core	0.26	1.64	0.28	1.15	0.08	30.58	830.92	1.16	87.0	245	2.0	9.0	713	3.52	0.9	29.6	0.03	0.09	0.14	0.126
2302749	Drill Core	0.28	1.78	0.28	0.90	0.12	108.28	618.67	1.09	77.8	533	2.0	8.4	667	3.49	0.9	53.1	<0.01	0.10	0.70	0.127
TECK RELINCHO ST-2	Pulp	0.09	0.51	0.09	0.12	0.24	42.27	752.98	23.47	54.4	436	8.5	9.3	247	2.26	2.9	3.6	0.23	0.15	0.30	0.066
2302761	Drill Core	0.31	2.03	0.32	0.59	0.22	21.38	2005.63	1.37	65.9	377	1.5	7.0	601	3.12	1.0	60.0	0.03	0.13	0.14	0.103
2302797	Drill Core	0.32	2.10	0.34	0.66	0.08	3.35	161.77	1.30	65.1	70	2.1	8.0	621	3.26	1.0	6.0	0.02	0.13	0.03	0.103
2307010	Drill Core	0.30	1.82	0.30	0.12	0.03	1.02	246.63	0.99	41.1	182	11.9	17.2	407	3.03	8.3	27.4	0.05	0.49	0.40	0.101
2307042	Drill Core	0.27	1.67	0.27	0.23	0.42	0.29	297.03	0.87	31.4	133	4.6	4.7	319	1.53	5.6	3.7	0.06	0.64	0.04	0.102
2307605	Drill Core	0.21	1.28	0.20	0.15	0.49	1.40	294.13	14.39	40.2	231	36.6	27.4	470	5.26	6.0	24.8	0.12	0.63	0.06	0.113
2322262	Drill Core	0.15	1.04	0.16	0.85	1.18	3.22	250.11	3.67	45.2	402	9.0	13.3	505	2.13	8.3	9.9	0.05	0.40	1.21	0.068
2322412	Drill Core	0.24	1.49	0.24	0.96	3.13	2.34	2600.86	2.84	56.2	2034	3.8	25.1	554	3.77	7.3	23.1	0.26	2.83	1.81	0.102

CERTIFICATE OF ANALYSIS

VAN14000514.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2X	2X	2X	2X	2X	
Analyte	Cr	B	Ti	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Nb	Rb	Sr	Zr	Y	
Unit	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	2	2	2	2	2	
1144169	Drill Core	6.8	3	0.06	7	11.1	8.40	<0.1	0.17	50	0.4	1.7	<10	<2	4	87	235	128	9
2302650	Drill Core	7.3	3	0.02	32	1.7	0.50	<0.1	<0.02	138	0.3	0.7	*	<2	<2	54	313	89	7
2302653	Drill Core	13.2	2	<0.02	9	<0.1	<0.02	<0.1	<0.02	30	0.4	3.0	20	<2	3	54	241	86	6
2302654	Drill Core	17.0	2	<0.02	17	2.0	0.36	<0.1	<0.02	33	0.6	11.0	19	<2	3	48	291	73	16
2302657	Drill Core	15.9	3	<0.02	14	0.5	0.16	<0.1	<0.02	26	0.5	3.2	<10	<2	3	46	353	93	9
2302660	Drill Core	15.3	2	<0.02	13	<0.1	0.06	<0.1	<0.02	31	0.5	6.3	26	<2	2	39	553	91	7
2302661	Drill Core	20.6	<1	<0.02	13	0.4	0.10	<0.1	<0.02	42	0.3	9.2	14	<2	4	48	379	77	15
TECK RELINCHO ST-1	Pulp	11.5	2	0.02	5	<0.1	0.05	<0.1	<0.02	1	0.4	10.4	<10	<2	3	97	500	110	4
2302663	Drill Core	19.3	1	<0.02	16	0.8	0.15	<0.1	<0.02	91	0.4	7.5	38	<2	2	63	272	85	7
2302665	Drill Core	21.3	2	<0.02	31	0.7	0.34	<0.1	<0.02	104	0.3	13.6	*	<2	4	49	300	88	14
2302741	Drill Core	2.7	2	<0.02	6	0.4	<0.02	<0.1	<0.02	61	0.2	5.2	17	<2	3	30	461	68	14
2302742	Drill Core	2.4	2	<0.02	<5	<0.1	0.02	<0.1	0.02	26	0.5	5.8	12	<2	3	32	481	68	17
2302743	Drill Core	3.3	1	<0.02	<5	0.4	0.07	<0.1	<0.02	19	0.2	4.7	<10	<2	3	38	413	65	14
2302745	Drill Core	2.8	2	0.03	5	0.4	0.03	<0.1	<0.02	7	0.4	3.7	<10	<2	3	73	331	67	17
2302746	Drill Core	2.5	2	0.03	<5	0.4	0.04	<0.1	<0.02	19	0.5	5.2	<10	<2	3	72	292	67	13
2302747	Drill Core	2.1	2	0.02	5	<0.1	<0.02	<0.1	0.02	16	0.4	5.3	<10	<2	3	59	434	65	15
2302749	Drill Core	2.8	3	<0.02	7	0.3	0.05	<0.1	<0.02	42	0.2	5.3	21	<2	3	47	477	66	16
TECK RELINCHO ST-2	Pulp	13.4	2	0.02	<5	<0.1	0.05	<0.1	<0.02	5	0.2	11.9	<10	<2	3	71	589	110	5
2302761	Drill Core	2.5	2	0.02	<5	0.3	<0.02	<0.1	0.02	11	0.3	4.0	<10	<2	4	46	528	77	17
2302797	Drill Core	4.7	<1	<0.02	<5	<0.1	<0.02	<0.1	0.02	<1	0.1	3.4	<10	<2	4	37	568	79	19
2307010	Drill Core	16.6	2	<0.02	5	<0.1	0.14	0.1	0.06	<1	0.2	20.3	<10	<2	<2	15	564	57	18
2307042	Drill Core	13.7	3	<0.02	<5	<0.1	<0.02	0.1	0.02	<1	0.2	7.0	<10	<2	2	28	430	61	15
2307605	Drill Core	184.8	5	<0.02	<5	0.4	0.05	0.1	<0.02	2	0.3	9.7	20	3	<2	39	415	38	14
2322262	Drill Core	8.4	4	0.03	16	1.1	0.73	<0.1	<0.02	<1	0.6	6.7	<10	<2	4	50	173	114	8
2322412	Drill Core	6.4	5	0.05	9	4.6	0.78	<0.1	0.05	<1	0.3	5.4	<10	<2	4	82	192	103	13

QUALITY CONTROL REPORT

VAN14000514.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb
Unit		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1
2302747	Drill Core	53.93	18.43	6.33	2.08	4.80	5.20	2.14	0.65	0.28	0.10	0.003	7	5.8	99.72	503	3.8	17.0	1.9	3.4	59.8
2302749	Drill Core	54.16	18.92	6.12	2.17	4.57	5.68	1.73	0.68	0.29	0.10	0.004	7	5.3	99.72	511	2.9	17.8	2.0	3.7	48.1
Pulp Duplicates																					
TECK RELINCHO ST-1	Pulp	66.62	15.70	3.22	0.96	2.79	4.04	2.99	0.38	0.13	0.03	0.002	4	2.9	99.79	683	4.4	17.5	3.4	3.9	98.1
REP TECK RELINCHO ST-1	QC																				
2302745	Drill Core	55.40	18.80	5.18	1.84	4.17	5.12	2.48	0.66	0.29	0.07	0.004	7	5.7	99.73	263	3.6	18.2	2.0	3.6	70.5
REP 2302745	QC	55.47	18.73	5.18	1.84	4.14	5.15	2.47	0.65	0.29	0.08	0.002	7	5.7	99.73	260	4.1	19.0	2.2	3.6	74.4
2302761	Drill Core	58.03	18.28	5.44	1.61	4.12	5.46	1.68	0.60	0.23	0.08	0.003	6	4.1	99.59	515	4.1	18.5	2.3	4.2	48.6
REP 2302761	QC																				
2307010	Drill Core	56.12	17.97	4.42	4.63	6.38	6.40	0.52	0.80	0.22	0.10	0.007	22	2.2	99.77	199	1.1	16.6	1.9	2.2	15.4
REP 2307010	QC																				
2322412	Drill Core	57.65	16.52	6.54	2.10	5.02	3.50	2.34	0.55	0.24	0.08	0.010	8	5.0	99.59	311	4.2	16.6	2.9	4.8	84.2
REP 2322412	QC																				
Reference Materials																					
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD KM-4	Standard																				
STD OXC109	Standard																				
STD SO-18	Standard	58.17	14.11	7.60	3.38	6.36	3.66	2.12	0.69	0.78	0.40	0.554	24	1.9	99.74	533	7.0	17.7	9.5	19.8	28.2
STD SO-18	Standard	58.37	14.05	7.56	3.35	6.35	3.65	2.12	0.69	0.75	0.40	0.538	23	1.9	99.73	516	6.7	16.3	9.8	19.5	27.7
STD SY-4(D)	Standard																				
STD DS10 Expected																					
STD OXC109 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	25			514	7.1	17.6	9.8	19.3	28.7



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Project: 204920
 Report Date: February 22, 2014

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QUALITY CONTROL REPORT

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Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	
2302747	Drill Core	<1	426.0	0.2	1.0	0.7	98	12.1	66.4	16.6	10.9	22.7	3.12	13.8	3.10	1.03	3.02	0.51	3.23	0.61	1.81
2302749	Drill Core	<1	469.9	0.2	0.9	0.7	105	24.5	69.7	17.7	10.2	21.4	3.07	13.6	3.26	1.06	3.29	0.50	3.32	0.70	1.91
Pulp Duplicates																					
TECK RELINCHO ST-1	Pulp	1	500.4	0.3	4.5	1.4	48	7.4	124.0	5.9	18.5	35.9	4.36	16.0	2.65	0.72	1.79	0.24	1.29	0.23	0.61
REP TECK RELINCHO ST-1	QC																				
2302745	Drill Core	1	323.0	0.2	1.2	1.2	98	29.0	64.5	16.1	9.7	20.6	2.92	13.4	3.12	1.04	3.23	0.53	3.11	0.68	2.01
REP 2302745	QC	1	336.6	0.2	1.1	1.6	99	32.3	69.0	16.9	9.6	20.5	2.92	13.2	3.12	1.02	3.30	0.54	3.39	0.68	1.99
2302761	Drill Core	<1	526.3	0.3	1.2	1.0	76	9.1	81.3	17.5	11.5	23.4	3.27	14.7	3.35	1.21	3.50	0.55	3.27	0.67	2.04
REP 2302761	QC																				
2307010	Drill Core	2	561.8	0.1	1.1	0.8	213	1.4	63.4	18.7	10.6	22.2	3.05	13.5	3.08	1.07	3.45	0.56	3.36	0.74	1.95
REP 2307010	QC																				
2322412	Drill Core	1	194.6	0.3	2.8	1.5	89	11.1	108.2	14.1	11.7	22.7	2.98	12.7	2.74	0.83	2.70	0.41	2.43	0.50	1.54
REP 2322412	QC																				
Reference Materials																					
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD KM-4	Standard																				
STD OXC109	Standard																				
STD SO-18	Standard	15	415.9	6.8	9.5	15.5	195	14.4	302.4	29.7	12.3	25.9	3.29	12.8	2.71	0.86	3.10	0.48	2.91	0.62	1.71
STD SO-18	Standard	15	402.8	6.7	9.6	15.6	185	14.6	300.2	30.5	13.1	25.8	3.29	13.6	2.88	0.81	2.95	0.49	2.97	0.60	1.68
STD SY-4(D)	Standard																				
STD DS10 Expected																					
STD OXC109 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		15	407.4	7.4	9.9	16.4	200	14.8	290	29	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84

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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Project: 204920
 Report Date: February 22, 2014

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QUALITY CONTROL REPORT

VAN14000514.1

Method		4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte		Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	P		
Unit		ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	
MDL		0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.02	0.001	
2302747	Drill Core	0.26	1.64	0.28	1.15	0.08	30.58	830.92	1.16	87.0	245	2.0	9.0	713	3.52	0.9	29.6	0.03	0.09	0.14	0.126		
2302749	Drill Core	0.28	1.78	0.28	0.90	0.12	108.28	618.67	1.09	77.8	533	2.0	8.4	667	3.49	0.9	53.1	<0.01	0.10	0.70	0.127		
Pulp Duplicates																							
TECK RELINCHO ST-1	Pulp	0.09	0.57	0.09	0.19	0.19	12.21	180.79	14.02	47.4	126	7.3	5.9	227	1.88	2.5	6.0	0.12	0.18	0.19	0.055		
REP TECK RELINCHO ST-1	QC						12.21	178.65	13.59	48.4	128	7.5	6.0	231	1.89	2.4	2.8	0.10	0.20	0.19	0.054		
2302745	Drill Core	0.30	1.87	0.31	1.03	0.11	26.71	1079.71	1.23	62.3	673	2.7	5.9	541	2.84	1.3	67.5	0.02	0.18	1.03	0.131		
REP 2302745	QC	0.29	1.98	0.31																			
2302761	Drill Core	0.31	2.03	0.32	0.59	0.22	21.38	2005.63	1.37	65.9	377	1.5	7.0	601	3.12	1.0	60.0	0.03	0.13	0.14	0.103		
REP 2302761	QC																						
2307010	Drill Core	0.30	1.82	0.30	0.12	0.03	1.02	246.63	0.99	41.1	182	11.9	17.2	407	3.03	8.3	27.4	0.05	0.49	0.40	0.101		
REP 2307010	QC				0.12	0.03																	
2322412	Drill Core	0.24	1.49	0.24	0.96	3.13	2.34	2600.86	2.84	56.2	2034	3.8	25.1	554	3.77	7.3	23.1	0.26	2.83	1.81	0.102		
REP 2322412	QC				0.94	3.15																	
Reference Materials																							
STD DS10	Standard						15.84	156.87	147.72	385.6	1982	77.7	13.7	902	2.73	42.4	76.7	2.42	8.46	12.14	0.071		
STD GS311-1	Standard				1.03	2.38																	
STD GS311-1	Standard				1.01	2.27																	
STD GS910-4	Standard				2.74	8.17																	
STD GS910-4	Standard				2.60	8.25																	
STD KM-4	Standard																						
STD OXC109	Standard						1.64	36.37	11.42	41.8	18	75.1	20.2	408	2.79	0.7	191.1	0.05	0.05	<0.02	0.096		
STD SO-18	Standard	0.27	1.82	0.27																			
STD SO-18	Standard	0.26	1.69	0.28																			
STD SY-4(D)	Standard																						
STD DS10 Expected							14.69	154.61	150.55	352.9	1960	74.6	12.9	861	2.7188	43.7	91.9	2.48	7.8	11.65	0.073		
STD OXC109 Expected																201							
STD GS311-1 Expected					1.02	2.35																	
STD GS910-4 Expected					2.65	8.27																	
STD SO-18 Expected		0.27	1.79	0.27																			

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QUALITY CONTROL REPORT

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Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2X					2X
Analyte	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Y	Nb	Rb	Sr	Zr	
Unit	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	2	2	2	2	2	
2302747	Drill Core	2.1	2	0.02	5	<0.1	<0.02	<0.1	0.02	16	0.4	5.3	<10	<2	15	3	59	434	65
2302749	Drill Core	2.8	3	<0.02	7	0.3	0.05	<0.1	<0.02	42	0.2	5.3	21	<2	16	3	47	477	66
Pulp Duplicates																			
TECK RELINCHO ST-1	Pulp	11.5	2	0.02	5	<0.1	0.05	<0.1	<0.02	1	0.4	10.4	<10	<2	4	3	97	500	110
REP TECK RELINCHO ST-1	QC	10.7	2	0.02	7	<0.1	0.10	<0.1	<0.02	3	0.2	11.2	<10	<2					
2302745	Drill Core	2.8	2	0.03	5	0.4	0.03	<0.1	<0.02	7	0.4	3.7	<10	<2	17	3	73	331	67
REP 2302745	QC																		
2302761	Drill Core	2.5	2	0.02	<5	0.3	<0.02	<0.1	0.02	11	0.3	4.0	<10	<2	17	4	46	528	77
REP 2302761	QC														17	4	46	524	78
2307010	Drill Core	16.6	2	<0.02	5	<0.1	0.14	0.1	0.06	<1	0.2	20.3	<10	<2	18	<2	15	564	57
REP 2307010	QC																		
2322412	Drill Core	6.4	5	0.05	9	4.6	0.78	<0.1	0.05	<1	0.3	5.4	<10	<2	13	4	82	192	103
REP 2322412	QC														13	3	82	194	101
Reference Materials																			
STD DS10	Standard	58.6	8	4.76	261	2.1	5.02	<0.1	0.20	55	0.6	19.9	94	176					
STD GS311-1	Standard																		
STD GS311-1	Standard																		
STD GS910-4	Standard																		
STD GS910-4	Standard																		
STD KM-4	Standard														142	222	158	179	1039
STD OXC109	Standard	60.1	2	<0.02	5	<0.1	<0.02	<0.1	<0.02	<1	1.2	2.1	<10	<2					
STD SO-18	Standard																		
STD SO-18	Standard																		
STD SY-4(D)	Standard														124	11	60	1300	530
STD DS10 Expected		54.6		4.79	289	2.3	4.89	0.08	0.22	50	0.6	19.1	110	188					
STD OXC109 Expected																			
STD GS311-1 Expected																			
STD GS910-4 Expected																			
STD SO-18 Expected																			



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QUALITY CONTROL REPORT

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		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	Rb	
		%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	0.1	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.002	<1	0.0	<0.01	<1	<0.1	<0.5	<0.1	<0.1	<0.1	



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 PHONE (604) 253-3158

Client: Teck Resources Limited
 Suite 3300, 550 Burrard St.
 Vancouver BC V6C 0B3 CANADA

Project: 204920
 Report Date: February 22, 2014

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Part: 2 of 4

QUALITY CONTROL REPORT

VAN14000514.1

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03



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Project: 204920
 Report Date: February 22, 2014

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QUALITY CONTROL REPORT

VAN14000514.1

		4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	P
		ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	%
BLK	Blank	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	0.001
BLK	Blank				<0.02	<0.02															
BLK	Blank						<0.01	<0.01	<0.01	<0.1	3	<0.1	<0.1	<1	<0.01	0.4	<0.2	<0.01	<0.02	<0.02	<0.001
BLK	Blank				<0.02	<0.02															
BLK	Blank	<0.01	<0.05	<0.01																	



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QUALITY CONTROL REPORT

VAN14000514.1

		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	2X					2X
		Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Y	Nb	Rb	Sr	Zr
		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	2	2	2	2	2
BLK	Blank																		
BLK	Blank	<0.5	<1	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2					
BLK	Blank													<2	<2	<2	<2	<2	<2
BLK	Blank																		
BLK	Blank																		



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Client: **Teck Resources Limited**
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Submitted By: Michael Buchanan and Liz Stock
Receiving Lab: Canada-Vancouver
Received: April 03, 2014
Report Date: April 10, 2014
Page: 1 of 4

CERTIFICATE OF ANALYSIS

VAN14001163.1

CLIENT JOB INFORMATION

Project: 204920
Shipment ID: SCK_2013_022
P.O. Number
Number of Samples: 70

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
MA200	70	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

Invoice To: Teck Resources Limited
Suite 3300, 550 Burrard St.
Vancouver BC V6C 0B3
CANADA

CC:



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

CERTIFICATE OF ANALYSIS

VAN14001163.1

Method Analyte	Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
		0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	1	0.1	0.1	1	0.01	0.001
1144506	Drill Core	0.4	60.1	2.2	106	0.1	61.3	40.8	1931	7.90	40	0.5	<0.1	0.7	323	<0.1	1.3	<0.1	305	6.02	0.073
1144547	Drill Core	4.5	110.2	7.8	133	0.2	27.4	23.4	1279	5.78	122	1.0	<0.1	1.1	373	0.6	4.4	0.2	224	6.10	0.110
1144642	Drill Core	1.5	3.8	3.2	43	<0.1	11.1	16.4	1966	8.02	35	1.0	<0.1	1.0	456	<0.1	3.9	0.3	404	9.80	0.109
2302616	Drill Core	472.1	>10000	7.1	91	17.4	15.6	8.3	427	2.03	8	1.6	0.3	1.7	354	1.8	117.5	33.9	129	3.37	0.098
2302629	Drill Core	114.3	>10000	14.9	79	14.8	17.2	8.3	686	1.98	<1	1.1	3.8	2.4	325	0.7	8.1	14.4	200	4.32	0.087
1143782	Drill Core	438.3	5896.7	23.0	92	1.8	34.6	18.7	600	5.79	13	3.6	0.8	13.2	372	0.4	0.9	3.0	152	2.76	0.107
2302569	Drill Core	652.8	6386.4	8.7	53	11.8	5.9	3.5	426	1.38	2	2.4	0.6	4.8	196	0.5	8.8	8.7	72	1.81	0.053
2302598	Drill Core	776.4	7299.8	5.7	60	10.7	15.9	7.7	461	2.06	1	1.7	1.0	2.1	303	0.3	2.2	23.0	139	3.16	0.091
2302625	Drill Core	56.8	7207.3	9.3	69	8.3	12.5	6.3	716	1.77	2	1.2	1.2	2.6	289	0.4	13.2	13.7	140	3.40	0.086
2302606	Drill Core	312.1	6398.0	7.8	51	10.0	18.0	7.3	374	1.83	2	1.5	0.3	1.9	350	0.2	2.5	17.9	140	2.77	0.098
2302601	Drill Core	411.0	5317.4	4.8	75	6.1	15.9	7.9	615	1.89	4	1.6	0.5	2.1	321	<0.1	3.4	19.2	120	2.88	0.084
2302580	Drill Core	258.9	4810.0	6.5	42	6.0	6.4	4.1	407	1.48	2	2.0	0.3	4.4	242	0.3	3.2	7.7	65	2.01	0.056
2302562	Drill Core	451.8	2415.7	52.6	358	6.3	6.3	14.5	897	3.29	4	1.8	0.7	3.1	86	3.0	5.9	13.2	60	2.99	0.042
2302602	Drill Core	654.8	5233.9	4.9	71	6.1	10.8	5.8	553	1.53	2	1.4	0.3	2.8	298	<0.1	3.5	14.5	116	2.42	0.078
2302564	Drill Core	182.6	3489.6	7.1	83	5.3	8.0	5.5	964	1.96	2	2.2	0.1	4.7	245	<0.1	11.8	3.8	74	2.51	0.062
2302600	Drill Core	221.5	3739.9	2.1	44	5.6	11.5	5.7	411	1.59	<1	1.6	0.7	2.2	269	<0.1	2.1	19.1	90	2.34	0.068
2302581	Drill Core	568.6	3875.7	10.7	50	4.3	9.0	4.4	495	1.43	4	1.4	0.1	3.1	290	0.4	9.3	4.9	61	1.89	0.052
2302610	Drill Core	573.8	4983.9	6.0	73	4.3	13.6	9.2	602	2.13	<1	1.4	0.4	1.7	347	<0.1	4.5	13.9	127	2.97	0.079
2302528	Drill Core	69.8	2399.9	5.6	53	4.4	7.1	4.2	574	1.58	2	1.4	0.1	3.1	310	0.1	3.4	2.1	91	2.83	0.079
1143783	Drill Core	307.5	7992.7	29.3	112	2.3	38.2	18.4	602	5.43	10	3.3	0.6	13.6	333	0.2	1.0	4.8	142	2.88	0.104
2302532	Drill Core	71.7	3050.7	8.6	35	3.9	8.0	5.2	361	1.32	4	1.3	<0.1	2.7	273	0.2	3.4	2.1	55	2.16	0.060
2302635	Drill Core	444.0	2265.2	17.7	78	3.4	10.9	3.3	528	1.01	7	1.0	0.6	3.0	356	0.4	63.1	3.2	104	3.02	0.081
2302627	Drill Core	530.9	2801.4	9.1	46	2.1	8.4	4.7	455	1.30	<1	1.1	0.6	2.1	317	0.1	4.9	10.2	108	2.77	0.060
2302570	Drill Core	217.9	3399.4	8.9	73	2.5	7.3	4.2	449	1.58	2	2.3	0.3	4.8	246	0.1	1.7	3.2	70	1.64	0.054
2302655	Drill Core	176.9	1264.6	3.9	73	1.4	12.3	6.1	533	1.48	2	3.6	0.4	4.7	291	<0.1	2.5	3.5	119	1.64	0.101
2302641	Drill Core	165.1	1018.4	11.9	75	1.4	8.7	3.3	506	0.99	1	1.4	0.4	8.4	283	0.4	2.8	2.3	90	3.79	0.056
2302542	Drill Core	112.7	2418.8	4.3	38	1.2	7.3	5.6	430	1.84	3	1.5	<0.1	3.3	305	<0.1	2.5	1.0	70	1.97	0.059
2302525	Drill Core	11.3	1570.1	7.8	48	0.7	7.5	8.9	385	1.70	2	1.6	<0.1	3.3	283	0.1	2.5	0.2	68	2.25	0.064
2302536	Drill Core	1.7	261.8	9.1	131	0.5	7.3	20.6	1258	5.73	4	0.7	<0.1	2.2	348	0.1	4.8	0.5	251	3.44	0.133
2302644	Drill Core	54.1	186.0	3.7	51	0.4	8.1	2.8	363	0.90	1	1.0	<0.1	2.4	304	<0.1	1.3	0.3	68	2.31	0.068

CERTIFICATE OF ANALYSIS

VAN14001163.1

Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
	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	
	0.1	1	0.01	1	0.001	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	0.1	
1144506	Drill Core	4.6	144	5.06	455	0.615	8.26	2.269	0.91	1.3	25.8	12	0.8	17.7	1.5	0.2	<1	36	17.5	0.1	22.1
1144547	Drill Core	8.1	52	2.55	673	0.456	8.76	4.085	0.77	2.1	44.8	17	0.6	16.1	3.1	0.2	<1	18	13.4	1.4	14.1
1144642	Drill Core	6.4	20	1.50	116	0.705	9.30	3.094	0.31	0.8	30.8	15	0.9	20.0	2.0	0.1	<1	29	3.8	<0.1	3.9
2302616	Drill Core	5.5	24	1.33	224	0.264	7.66	4.703	1.27	37.3	25.2	14	1.4	10.2	2.2	0.2	1	10	11.4	2.1	33.4
2302629	Drill Core	6.0	20	1.77	215	0.231	7.14	3.563	0.91	15.1	23.5	16	1.1	10.1	1.9	0.2	<1	11	12.1	2.2	33.9
1143782	Drill Core	24.4	80	1.64	927	0.454	7.58	2.306	3.06	3.5	66.8	51	7.9	20.8	14.7	1.1	3	12	29.6	0.7	135.6
2302569	Drill Core	14.1	9	0.67	1067	0.172	7.21	3.021	3.09	24.6	48.5	30	1.5	8.3	2.7	0.2	1	4	6.3	0.5	87.2
2302598	Drill Core	5.0	45	1.52	396	0.248	7.43	4.108	1.27	87.8	27.9	14	1.3	8.5	2.6	0.2	1	11	9.1	1.2	34.2
2302625	Drill Core	4.8	18	1.25	229	0.244	7.21	4.049	0.91	8.8	28.0	14	1.9	9.3	2.6	0.2	1	8	9.4	1.5	35.0
2302606	Drill Core	5.6	29	1.50	453	0.288	7.90	4.823	1.60	128.3	29.0	15	1.7	11.1	3.2	0.2	1	10	11.5	1.2	40.0
2302601	Drill Core	4.7	41	1.39	494	0.246	7.62	4.131	1.79	116.1	29.3	12	1.5	7.4	2.9	0.2	1	9	8.2	1.2	46.9
2302580	Drill Core	10.9	10	0.73	1216	0.177	7.29	2.639	3.01	13.3	37.1	23	1.3	7.2	3.3	0.2	1	4	5.6	0.4	87.5
2302562	Drill Core	8.5	11	0.45	91	0.165	6.06	0.798	2.93	16.5	31.3	19	1.1	8.3	2.7	0.2	<1	4	6.4	2.2	128.8
2302602	Drill Core	4.7	22	1.16	383	0.221	7.31	4.402	1.26	37.2	29.3	12	1.1	7.0	2.2	0.2	2	7	8.0	1.3	38.4
2302564	Drill Core	11.5	8	0.75	1557	0.220	7.20	3.010	2.54	17.3	39.3	26	1.7	9.4	3.7	0.3	1	5	7.2	0.4	82.5
2302600	Drill Core	5.3	22	1.08	447	0.216	7.01	4.100	1.43	25.6	29.1	14	1.4	6.3	2.8	0.2	1	6	6.1	0.9	38.0
2302581	Drill Core	9.4	15	0.77	1074	0.164	7.66	3.101	2.69	10.0	27.6	20	0.7	7.8	2.4	0.2	1	4	4.7	0.4	91.1
2302610	Drill Core	4.6	31	1.48	326	0.228	6.66	3.209	1.24	28.0	27.4	12	1.2	8.0	2.6	0.2	1	8	16.2	1.4	37.9
2302528	Drill Core	14.3	10	1.00	462	0.230	7.03	4.053	1.03	22.3	49.8	34	2.5	10.4	2.9	0.2	1	5	7.9	0.2	31.5
1143783	Drill Core	26.4	84	1.57	950	0.457	7.39	2.237	2.90	4.1	70.9	55	11.7	21.1	15.7	1.1	2	11	29.3	0.9	139.9
2302532	Drill Core	5.4	15	0.63	804	0.180	7.31	3.537	1.79	16.8	29.1	13	1.6	7.0	3.0	0.2	1	3	5.3	0.4	58.3
2302635	Drill Core	5.8	19	0.97	362	0.178	7.22	4.120	1.17	13.2	27.1	16	0.7	8.5	1.8	0.1	1	5	6.1	1.4	39.2
2302627	Drill Core	3.7	17	0.89	255	0.219	7.14	4.127	1.01	12.2	24.5	12	1.5	7.3	2.4	0.2	1	5	7.8	1.3	36.5
2302570	Drill Core	10.0	8	0.69	1025	0.198	7.15	3.279	2.63	34.5	56.8	22	1.2	8.0	3.1	0.2	1	4	6.8	0.3	69.9
2302655	Drill Core	7.2	19	1.33	303	0.300	7.73	3.865	1.53	7.9	33.6	18	1.5	9.0	3.4	0.3	2	7	9.7	0.1	43.6
2302641	Drill Core	4.3	15	0.75	240	0.139	5.73	2.165	1.83	8.0	40.6	12	0.6	6.5	2.1	0.2	1	4	4.7	1.8	65.7
2302542	Drill Core	7.9	14	0.78	1026	0.225	7.64	3.478	2.12	46.8	22.1	17	1.5	7.7	3.9	0.3	1	5	6.4	0.3	69.2
2302525	Drill Core	6.2	14	0.82	718	0.199	7.20	3.152	2.02	8.4	41.9	15	1.2	7.7	3.1	0.2	1	4	6.4	0.7	58.7
2302536	Drill Core	16.0	16	2.09	779	0.587	8.22	4.113	0.87	7.6	89.8	35	1.1	19.1	6.1	0.4	1	19	12.8	<0.1	16.7
2302644	Drill Core	4.9	25	0.80	363	0.176	7.31	4.792	0.96	6.7	22.6	13	0.7	8.2	1.7	0.1	1	6	5.0	0.9	26.4



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 Vancouver BC V6C 0B3 CANADA

Project: 204920
Report Date: April 10, 2014

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Part: 3 of 3

CERTIFICATE OF ANALYSIS

VAN14001163.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200
		Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.05	0.005	1	0.5	0.5
1144506	Drill Core	1.1	0.16	0.006	<1	0.7	<0.5
1144547	Drill Core	1.3	<0.05	0.013	<1	0.7	<0.5
1144642	Drill Core	1.2	0.13	0.012	<1	0.5	<0.5
2302616	Drill Core	1.0	0.08	0.327	7	1.6	<0.5
2302629	Drill Core	0.6	<0.05	0.122	11	1.8	<0.5
1143782	Drill Core	1.9	0.39	<0.005	5	0.6	0.7
2302569	Drill Core	1.6	<0.05	0.509	7	0.9	<0.5
2302598	Drill Core	1.0	<0.05	0.390	6	1.5	<0.5
2302625	Drill Core	0.9	<0.05	0.070	10	2.1	<0.5
2302606	Drill Core	1.0	<0.05	0.164	4	1.1	<0.5
2302601	Drill Core	1.0	<0.05	0.239	5	1.5	<0.5
2302580	Drill Core	1.5	<0.05	0.142	3	<0.5	<0.5
2302562	Drill Core	1.1	<0.05	0.282	4	0.7	0.8
2302602	Drill Core	1.1	<0.05	0.429	3	0.9	<0.5
2302564	Drill Core	1.7	<0.05	0.106	3	0.5	0.5
2302600	Drill Core	1.0	<0.05	0.171	2	0.9	<0.5
2302581	Drill Core	1.0	<0.05	0.429	3	<0.5	<0.5
2302610	Drill Core	0.9	<0.05	0.196	6	0.9	<0.5
2302528	Drill Core	1.6	<0.05	0.048	<1	0.7	<0.5
1143783	Drill Core	2.2	0.68	<0.005	8	<0.5	0.8
2302532	Drill Core	1.1	<0.05	0.023	2	0.8	<0.5
2302635	Drill Core	1.1	<0.05	0.169	5	0.7	<0.5
2302627	Drill Core	0.9	<0.05	0.425	5	1.3	<0.5
2302570	Drill Core	1.8	<0.05	0.124	3	0.6	<0.5
2302655	Drill Core	1.2	<0.05	0.084	1	0.6	<0.5
2302641	Drill Core	1.4	<0.05	0.143	1	0.6	<0.5
2302542	Drill Core	1.0	<0.05	0.064	2	<0.5	<0.5
2302525	Drill Core	1.7	<0.05	0.014	1	<0.5	<0.5
2302536	Drill Core	2.5	<0.05	<0.005	<1	<0.5	<0.5
2302644	Drill Core	0.8	<0.05	0.022	<1	<0.5	<0.5



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Project: 204920
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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	1	0.01	0.001
2322766	Drill Core	1.5	132.4	3.1	53	66.3	3.7	7.9	880	3.97	7	0.5	<0.1	1.4	336	<0.1	3.0	0.3	75	3.01	0.118
2322791	Drill Core	3.2	45.5	4.2	38	0.4	3.4	12.8	602	4.01	10	0.5	<0.1	1.3	267	<0.1	3.1	0.2	94	3.75	0.117
2322819	Drill Core	1.1	63.9	4.0	73	0.2	48.3	40.1	1331	6.75	8	1.0	<0.1	3.3	554	0.2	3.0	<0.1	274	7.56	0.118
1143784	Drill Core	403.1	5707.0	22.1	85	1.7	33.7	18.2	577	5.46	16	3.7	0.7	11.7	346	0.2	0.8	2.8	143	2.61	0.100
2302694	Drill Core	51.8	2883.0	5.9	159	0.9	4.0	8.1	1478	2.77	<1	0.5	<0.1	0.7	238	0.1	2.4	0.9	99	4.06	0.126
2302693	Drill Core	41.3	3416.4	4.6	68	1.4	9.5	8.3	696	2.40	2	1.0	0.2	1.7	377	<0.1	1.6	1.6	84	3.04	0.102
2302675	Drill Core	52.4	1463.2	3.5	38	1.3	23.5	12.4	467	3.52	3	1.2	0.1	1.2	419	0.1	1.2	2.5	272	3.61	0.134
2302812	Drill Core	306.9	2363.3	7.5	63	0.8	2.4	9.0	875	3.85	8	0.6	<0.1	0.8	594	<0.1	9.3	0.4	105	4.18	0.141
2302777	Drill Core	23.8	2283.4	6.2	67	0.6	2.3	8.3	736	3.37	3	0.4	<0.1	0.8	446	<0.1	1.2	0.1	95	2.77	0.111
1144689	Drill Core	1.3	27.6	3.3	84	<0.1	14.1	21.4	1131	5.66	9	0.6	<0.1	1.5	298	0.2	0.9	<0.1	214	3.87	0.205
1144072	Drill Core	2.8	209.2	7.0	25	0.3	9.9	11.5	178	1.82	5	2.4	<0.1	3.3	365	<0.1	1.0	0.7	51	2.16	0.058
1144073	Drill Core	1.9	414.7	7.5	32	0.2	9.9	13.0	200	1.79	3	2.5	<0.1	3.4	366	<0.1	1.0	0.3	54	2.13	0.055
2322305	Drill Core	45.4	5197.2	3.0	49	1.4	14.4	28.0	808	5.80	6	1.1	<0.1	1.1	360	0.1	3.1	0.6	246	4.05	0.095
2322311	Drill Core	51.4	665.3	3.5	54	0.3	18.6	26.5	995	6.16	12	0.7	<0.1	1.1	521	0.1	5.3	0.3	249	3.77	0.119
1144839	Drill Core	4.8	287.1	8.7	92	0.6	10.6	30.1	1831	8.25	33	0.9	<0.1	0.9	250	0.4	4.5	0.5	310	8.21	0.115
1144193	Drill Core	431.5	9053.1	2.1	31	2.7	14.3	20.3	174	2.86	5	8.5	0.4	3.2	288	<0.1	1.7	0.1	160	1.84	0.095
1144301	Drill Core	178.0	3295.2	7.4	40	2.2	9.1	4.6	319	2.00	3	0.9	<0.1	2.3	387	<0.1	3.4	26.7	79	1.81	0.048
1143785	Drill Core	297.3	7760.4	29.7	109	2.4	33.6	19.1	578	5.39	9	3.3	0.5	14.4	342	0.4	0.9	4.9	140	2.85	0.106
1144297	Drill Core	327.8	4851.4	9.0	46	1.8	15.5	12.2	670	3.37	5	0.8	0.1	1.8	583	<0.1	4.2	1.3	180	3.61	0.080
1144181	Drill Core	596.5	>10000	3.0	22	1.7	12.7	14.7	274	2.58	5	16.5	0.5	4.2	169	<0.1	1.9	1.0	117	2.64	0.079
1144256	Drill Core	250.1	3496.3	4.6	41	1.0	8.1	10.5	453	2.58	8	0.7	<0.1	2.1	234	<0.1	1.9	0.6	130	2.77	0.072
1144320	Drill Core	220.3	2007.1	7.6	78	0.8	11.3	6.9	770	2.51	5	1.1	<0.1	2.0	480	<0.1	5.4	1.0	123	3.58	0.072
1144149	Drill Core	58.9	4186.0	3.8	23	1.1	6.5	9.6	178	1.78	2	2.4	<0.1	4.3	192	<0.1	1.6	0.5	70	1.88	0.061
1144147	Drill Core	37.0	2098.3	3.5	32	0.4	7.4	9.4	214	2.20	2	2.4	<0.1	4.3	235	<0.1	1.6	0.2	68	1.87	0.062
1144169	Drill Core	49.1	>10000	8.6	43	7.0	7.6	12.7	249	3.12	<1	2.3	<0.1	4.2	222	0.2	1.9	15.8	77	1.63	0.061
2322507	Drill Core	1647.4	4252.9	6.7	41	4.8	5.1	24.3	543	4.29	4	1.9	<0.1	1.6	94	<0.1	6.0	7.8	191	2.79	0.160
2322494	Drill Core	140.8	6221.7	3.1	42	3.2	8.1	33.3	568	5.33	3	1.3	0.3	1.4	115	0.3	2.7	2.5	167	2.69	0.131
2322511	Drill Core	1095.0	1430.8	8.4	29	3.0	5.4	36.1	456	6.13	3	1.0	<0.1	1.1	72	<0.1	3.9	7.8	108	2.32	0.095
2322504	Drill Core	443.9	3997.3	5.7	70	3.3	5.5	17.9	812	3.28	4	1.2	<0.1	1.5	153	<0.1	4.1	1.6	190	3.25	0.146
2322490	Drill Core	280.3	3208.5	4.6	42	2.5	6.0	23.3	704	3.57	3	1.6	<0.1	1.5	162	<0.1	3.0	2.5	172	3.15	0.141

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 Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	
	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
2322766	Drill Core	7.8	7	1.21	493	0.302	8.55	3.369	1.24	>200	37.9	18	0.5	11.8	3.3	0.2	<1	7	7.8	<0.1	28.4
2322791	Drill Core	7.5	5	1.11	870	0.316	8.65	2.730	1.60	3.1	29.6	17	0.8	12.8	2.9	0.2	<1	9	5.0	0.3	46.9
2322819	Drill Core	46.2	75	4.10	509	0.588	8.40	1.900	1.04	1.7	89.5	105	0.7	22.2	6.0	0.3	1	31	20.5	0.1	27.3
1143784	Drill Core	22.3	75	1.54	863	0.432	7.12	2.154	2.78	3.7	65.8	46	7.5	19.2	13.7	1.0	3	11	28.8	0.7	122.0
2302694	Drill Core	5.2	4	1.39	512	0.348	8.32	2.292	2.25	16.8	11.3	14	1.1	11.4	3.5	0.2	1	5	8.8	0.3	66.0
2302693	Drill Core	7.4	14	1.19	717	0.298	8.22	4.159	1.40	12.4	31.0	17	1.3	10.8	3.7	0.2	1	5	8.6	0.3	35.4
2302675	Drill Core	6.3	34	2.42	409	0.571	9.06	4.408	1.37	20.9	17.5	18	3.3	12.8	5.7	0.4	1	15	18.8	0.2	21.4
2302812	Drill Core	9.5	3	0.89	263	0.383	9.33	3.924	0.95	22.8	11.4	23	0.8	14.3	5.0	0.3	<1	6	6.3	0.2	25.2
2302777	Drill Core	5.4	3	0.87	578	0.357	8.49	5.025	0.93	16.6	15.9	14	1.2	12.7	4.5	0.3	<1	4	5.5	0.3	14.1
1144689	Drill Core	19.9	16	2.06	855	0.729	8.79	3.654	1.86	0.4	119.9	47	1.5	25.7	10.6	0.6	1	15	12.3	<0.1	38.0
1144072	Drill Core	10.4	17	0.70	416	0.150	8.52	3.834	1.53	8.0	38.3	29	0.9	7.2	2.2	0.2	2	4	4.6	1.4	40.9
1144073	Drill Core	11.4	19	0.75	410	0.153	8.29	3.740	1.45	6.6	37.5	31	1.3	7.1	2.2	0.2	2	4	4.8	1.2	38.7
2322305	Drill Core	7.3	31	2.99	464	0.463	8.76	2.837	1.02	3.4	38.6	18	1.6	18.2	1.9	0.1	<1	24	15.6	0.8	38.4
2322311	Drill Core	9.7	36	3.21	539	0.543	8.88	3.854	0.77	1.6	52.7	22	0.9	19.0	3.7	0.2	<1	25	14.8	0.6	12.6
1144839	Drill Core	7.8	8	2.76	150	0.590	7.54	2.330	0.31	1.0	32.8	18	0.7	19.0	2.2	0.1	<1	20	22.7	2.9	7.0
1144193	Drill Core	15.5	14	1.78	218	0.207	7.85	4.398	0.77	2.7	38.5	33	1.2	9.3	1.1	<0.1	<1	12	6.0	1.6	25.9
1144301	Drill Core	4.8	18	0.87	797	0.214	6.92	3.992	1.63	7.7	26.1	10	0.9	6.2	2.7	0.2	<1	5	4.6	0.8	36.9
1143785	Drill Core	26.9	76	1.54	923	0.453	7.43	2.188	3.13	2.9	67.6	56	11.1	21.5	15.4	1.1	3	11	31.0	0.9	148.1
1144297	Drill Core	5.7	30	2.11	372	0.354	8.08	4.152	0.71	23.7	23.2	13	1.5	11.5	2.4	0.1	<1	17	9.5	1.4	11.0
1144181	Drill Core	37.3	13	1.38	132	0.145	7.18	2.403	1.81	4.0	41.9	61	1.7	8.1	1.2	<0.1	<1	8	4.9	1.7	50.1
1144256	Drill Core	5.7	20	1.50	243	0.286	7.82	2.612	1.61	6.1	29.3	13	1.3	9.6	2.3	0.2	1	11	10.5	0.7	46.7
1144320	Drill Core	7.4	26	1.26	357	0.281	7.21	3.086	1.51	9.6	27.8	17	1.6	11.2	2.9	0.2	<1	10	7.3	1.5	41.6
1144149	Drill Core	12.5	10	0.85	394	0.160	7.59	2.871	1.91	7.7	49.6	26	2.4	7.1	2.1	0.2	1	5	3.8	0.9	57.1
1144147	Drill Core	11.4	14	0.81	510	0.182	7.85	3.227	1.81	5.9	45.7	24	1.8	7.2	2.5	0.2	1	5	4.4	0.9	54.0
1144169	Drill Core	14.5	12	0.94	171	0.205	8.16	2.438	2.57	5.2	55.8	29	2.3	7.8	3.1	0.2	1	5	3.2	1.8	87.4
2322507	Drill Core	6.5	6	1.29	175	0.421	8.61	0.896	2.96	88.5	35.8	16	9.4	13.9	3.6	0.3	1	13	13.6	2.7	105.5
2322494	Drill Core	7.4	7	1.45	223	0.401	7.46	2.349	1.50	47.2	24.8	18	4.5	11.7	3.9	0.2	1	12	14.7	2.9	56.3
2322511	Drill Core	3.5	6	1.10	45	0.176	7.61	0.443	2.89	28.8	17.9	8	11.5	8.6	2.0	0.1	<1	6	8.4	5.2	115.7
2322504	Drill Core	6.6	6	1.78	297	0.447	8.28	2.727	1.69	88.6	26.4	17	2.0	11.0	3.9	0.2	1	13	15.7	1.0	63.3
2322490	Drill Core	4.7	7	1.37	224	0.441	7.97	3.195	1.54	61.7	28.1	13	2.1	10.6	3.9	0.2	1	12	13.6	1.6	41.4



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200
		Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.05	0.005	1	0.5	0.5
2322766	Drill Core	1.4	<0.05	0.005	<1	<0.5	<0.5
2322791	Drill Core	1.1	<0.05	<0.005	<1	<0.5	<0.5
2322819	Drill Core	2.5	<0.05	<0.005	<1	0.9	<0.5
1143784	Drill Core	1.9	0.45	<0.005	6	<0.5	0.7
2302694	Drill Core	0.4	<0.05	0.036	2	<0.5	0.6
2302693	Drill Core	1.0	<0.05	0.032	3	<0.5	<0.5
2302675	Drill Core	0.6	0.06	0.015	2	<0.5	<0.5
2302812	Drill Core	0.4	<0.05	0.118	1	<0.5	<0.5
2302777	Drill Core	0.5	0.07	<0.005	1	<0.5	<0.5
1144689	Drill Core	3.1	<0.05	<0.005	<1	<0.5	<0.5
1144072	Drill Core	1.5	<0.05	<0.005	2	0.5	<0.5
1144073	Drill Core	1.3	<0.05	<0.005	1	<0.5	<0.5
2322305	Drill Core	1.6	0.14	0.016	4	0.5	<0.5
2322311	Drill Core	1.4	<0.05	0.026	1	0.5	<0.5
1144839	Drill Core	1.3	<0.05	0.021	3	0.6	<0.5
1144193	Drill Core	1.3	<0.05	0.417	4	<0.5	<0.5
1144301	Drill Core	0.8	<0.05	0.137	2	<0.5	<0.5
1143785	Drill Core	2.2	0.53	0.007	8	<0.5	0.9
1144297	Drill Core	0.8	<0.05	0.316	3	<0.5	<0.5
1144181	Drill Core	1.5	0.09	0.443	7	<0.5	<0.5
1144256	Drill Core	1.2	<0.05	0.149	2	<0.5	<0.5
1144320	Drill Core	1.0	<0.05	0.116	1	<0.5	<0.5
1144149	Drill Core	1.8	<0.05	0.033	2	<0.5	<0.5
1144147	Drill Core	1.4	<0.05	0.009	2	<0.5	<0.5
1144169	Drill Core	1.7	0.13	0.055	13	8.8	<0.5
2322507	Drill Core	1.2	<0.05	0.741	5	3.6	0.7
2322494	Drill Core	1.0	0.28	0.064	3	1.4	<0.5
2322511	Drill Core	0.7	<0.05	0.399	5	4.2	0.8
2322504	Drill Core	1.1	0.10	0.157	1	0.8	<0.5
2322490	Drill Core	1.1	0.16	0.122	3	1.0	<0.5

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
2322535	Drill Core	493.4	777.6	3.1	22	1.1	6.1	9.6	282	2.61	5	1.0	<0.1	1.2	82	<0.1	2.7	2.0	176	1.33	0.112
1143786	Drill Core	410.4	5771.9	23.3	86	1.9	31.3	18.5	584	5.64	15	3.1	0.8	12.8	366	0.2	0.8	2.8	147	2.65	0.103
1144440	Drill Core	1204.6	7877.1	37.4	95	9.6	13.9	17.7	1304	4.59	5	0.8	0.4	0.7	253	2.9	12.2	70.3	171	3.64	0.114
1144365	Drill Core	532.0	6554.4	5.8	62	3.4	12.6	10.8	591	3.13	3	0.8	<0.1	1.8	388	<0.1	2.0	0.4	136	2.84	0.076
1144355	Drill Core	380.1	6911.3	5.6	92	2.9	10.6	10.6	772	2.51	4	0.7	<0.1	1.8	309	0.7	20.1	1.6	126	4.16	0.081
2322852	Drill Core	1.4	31.7	4.2	36	8.1	7.5	7.3	730	2.38	11	1.5	<0.1	2.8	118	0.1	2.8	1.2	77	3.20	0.060
2307521	Drill Core	74.6	6518.3	7.3	85	3.7	94.5	46.1	1293	7.36	11	2.0	0.2	0.8	261	1.5	4.0	0.3	306	6.02	0.122
2307508	Drill Core	209.6	3406.9	12.2	91	2.3	94.2	45.4	1500	7.42	11	1.1	<0.1	0.8	311	1.6	4.3	0.4	291	7.44	0.112
2307604	Drill Core	0.6	103.2	5.7	72	0.2	59.7	43.1	1525	7.62	5	0.5	<0.1	0.8	375	0.1	1.4	<0.1	313	6.51	0.114
2307523	Drill Core	10.6	1165.1	6.6	107	0.8	97.6	46.8	1682	7.46	8	0.6	<0.1	0.8	247	0.4	3.7	<0.1	300	6.88	0.118



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Project: 204920

Report Date: April 10, 2014

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CERTIFICATE OF ANALYSIS

VAN14001163.1

Method	Analyte	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		MDL	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
2322535	Drill Core	1.9	93	1.33	534	0.348	8.15	0.320	2.99	47.4	26.7	5	6.6	8.0	1.8	<0.1	<1	20	8.7	1.1	103.0
1143786	Drill Core	24.9	74	1.59	889	0.468	7.54	2.247	2.95	3.0	64.6	51	7.5	20.2	14.4	1.0	2	12	28.3	0.7	131.9
1144440	Drill Core	5.5	41	1.71	183	0.483	8.41	4.452	0.86	3.4	13.8	13	1.2	10.8	6.8	0.4	<1	13	10.5	0.8	14.0
1144365	Drill Core	5.0	27	1.72	439	0.311	7.19	3.576	0.84	4.6	29.1	12	2.2	9.4	2.5	0.2	<1	12	13.5	1.3	28.7
1144355	Drill Core	8.7	22	1.43	323	0.293	7.46	2.791	1.63	8.7	29.4	20	1.5	11.4	2.7	0.2	<1	11	11.6	2.1	60.5
2322852	Drill Core	6.6	13	1.17	478	0.255	6.93	1.856	2.43	66.0	46.6	16	0.8	8.5	4.0	0.3	<1	5	4.4	0.6	56.0
2307521	Drill Core	6.3	352	5.87	271	0.407	6.08	1.931	1.09	4.8	31.6	15	2.6	13.1	1.7	0.1	<1	32	14.7	0.9	34.7
2307508	Drill Core	6.5	323	5.95	291	0.401	6.12	1.400	1.19	30.6	26.4	14	1.8	13.0	1.6	0.1	<1	30	18.9	0.4	43.1
2307604	Drill Core	5.5	194	5.04	425	0.399	6.14	1.672	1.59	1.0	22.5	12	0.6	12.4	1.6	0.1	<1	32	9.6	<0.1	32.7
2307523	Drill Core	5.9	318	6.48	304	0.410	5.95	1.338	1.14	10.1	29.2	13	0.8	12.5	1.6	0.1	<1	31	19.0	0.1	33.5



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Project: 204920
 Report Date: April 10, 2014

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CERTIFICATE OF ANALYSIS

VAN14001163.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200
		Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.05	0.005	1	0.5	0.5
2322535	Drill Core	1.0	0.14	0.168	2	1.1	0.6
1143786	Drill Core	2.1	0.35	0.009	7	<0.5	0.7
1144440	Drill Core	0.5	<0.05	0.250	6	0.9	<0.5
1144365	Drill Core	1.0	<0.05	0.175	2	<0.5	<0.5
1144355	Drill Core	0.9	0.09	0.159	2	0.6	<0.5
2322852	Drill Core	1.7	<0.05	<0.005	<1	1.2	<0.5
2307521	Drill Core	0.9	0.34	0.017	2	1.5	<0.5
2307508	Drill Core	0.9	0.09	0.019	1	1.5	<0.5
2307604	Drill Core	0.7	<0.05	<0.005	1	1.1	<0.5
2307523	Drill Core	0.9	0.06	<0.005	<1	1.7	<0.5



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QUALITY CONTROL REPORT

VAN14001163.1

Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	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	0.001	
Pulp Duplicates																					
1144506	Drill Core	0.4	60.1	2.2	106	0.1	61.3	40.8	1931	7.90	40	0.5	<0.1	0.7	323	<0.1	1.3	<0.1	305	6.02	0.073
REP 1144506	QC	0.3	58.1	1.6	99	0.1	59.7	40.9	1928	7.90	39	0.4	<0.1	0.6	318	<0.1	1.5	0.1	308	6.03	0.073
2302675	Drill Core	52.4	1463.2	3.5	38	1.3	23.5	12.4	467	3.52	3	1.2	0.1	1.2	419	0.1	1.2	2.5	272	3.61	0.134
REP 2302675	QC	60.9	1449.5	3.6	37	1.2	24.9	13.0	458	3.57	3	1.1	0.2	1.1	441	<0.1	1.1	2.4	275	3.63	0.131
Reference Materials																					
STD OREAS25A-4A	Standard	2.3	31.8	24.8	43	<0.1	41.8	7.4	478	6.42	9	2.7	<0.1	15.7	44	0.1	0.6	0.4	164	0.28	0.048
STD OREAS25A-4A	Standard	2.1	33.5	24.1	44	<0.1	43.6	7.4	457	6.46	10	2.6	<0.1	15.4	40	<0.1	0.7	0.4	166	0.28	0.050
STD OREAS45E	Standard	2.4	802.0	20.2	49	0.4	484.6	62.3	601	27.51	17	2.6	<0.1	14.5	15	0.1	1.0	0.3	346	0.07	0.037
STD OREAS45E	Standard	2.6	779.3	18.8	46	0.3	466.9	60.0	573	25.87	16	2.4	<0.1	13.2	13	<0.1	0.9	0.4	327	0.07	0.034
STD OREAS25A-4A		2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94		15.8	48.5		0.67	0.35	157	0.309	0.048
STD OREAS45E Expected		2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	0.28	322	0.065	0.034
BLK	Blank	<0.1	0.3	0.2	<1	<0.1	0.2	<0.2	3	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.001
BLK	Blank	<0.1	0.4	<0.1	<1	<0.1	0.3	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.001

QUALITY CONTROL REPORT

VAN14001163.1

Method	Analyte	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	
		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb
Unit		ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
MDL		0.1	1	0.01	1	0.001	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																					
1144506	Drill Core	4.6	144	5.06	455	0.615	8.26	2.269	0.91	1.3	25.8	12	0.8	17.7	1.5	0.2	<1	36	17.5	0.1	22.1
REP 1144506	QC	4.7	139	4.92	453	0.599	8.05	2.210	0.88	1.1	25.8	12	0.7	17.4	1.6	<0.1	<1	36	16.7	0.1	21.2
2302675	Drill Core	6.3	34	2.42	409	0.571	9.06	4.408	1.37	20.9	17.5	18	3.3	12.8	5.7	0.4	1	15	18.8	0.2	21.4
REP 2302675	QC	6.1	35	2.40	409	0.584	8.97	4.452	1.36	21.8	17.7	18	3.3	12.8	5.9	0.3	1	15	19.4	0.2	21.1
Reference Materials																					
STD OREAS25A-4A	Standard	23.0	116	0.33	151	0.898	9.14	0.139	0.48	1.9	148.6	51	3.9	10.5	19.8	1.4	<1	8	37.7	<0.1	59.6
STD OREAS25A-4A	Standard	20.5	111	0.32	140	0.916	8.90	0.141	0.47	1.8	149.7	46	3.7	9.9	19.2	1.4	<1	8	36.7	<0.1	56.1
STD OREAS45E	Standard	12.0	1015	0.18	272	0.563	7.22	0.061	0.37	1.3	105.0	26	1.4	9.7	6.6	0.6	<1	90	7.7	<0.1	22.9
STD OREAS45E	Standard	11.0	965	0.16	259	0.545	6.81	0.064	0.33	0.9	95.7	25	1.4	7.8	6.0	0.5	<1	85	6.6	<0.1	22.0
STD OREAS25A-4A		21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7	0.051	61
STD OREAS45E Expected		11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046	21.2
BLK	Blank	<0.1	<1	<0.01	<1	<0.001	<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	<0.1
BLK	Blank	<0.1	<1	<0.01	<1	<0.001	<0.01	0.005	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1



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Project: 204920
 Report Date: April 10, 2014

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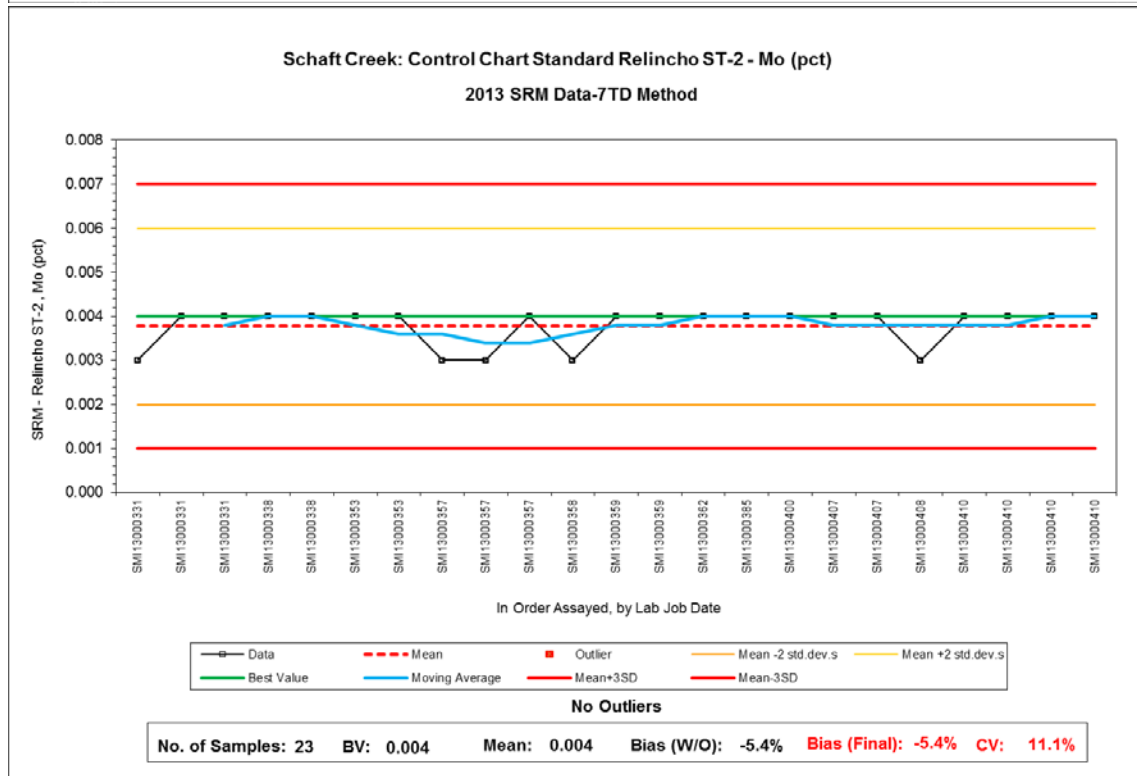
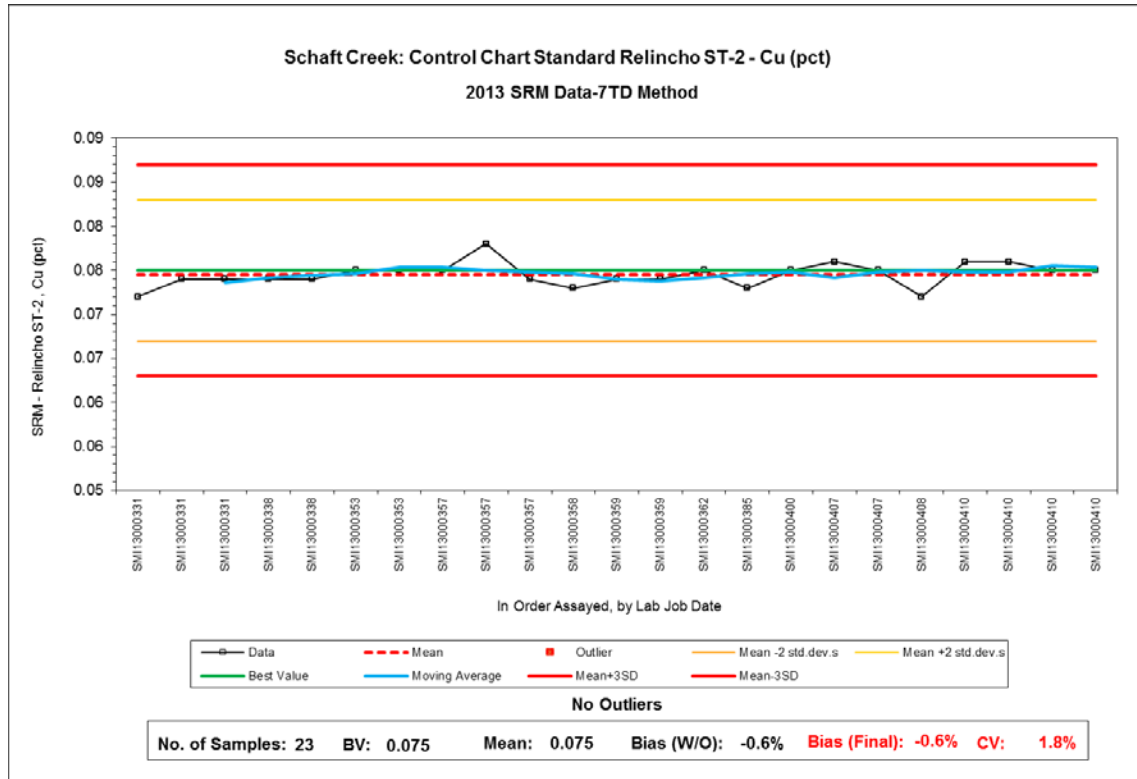
QUALITY CONTROL REPORT

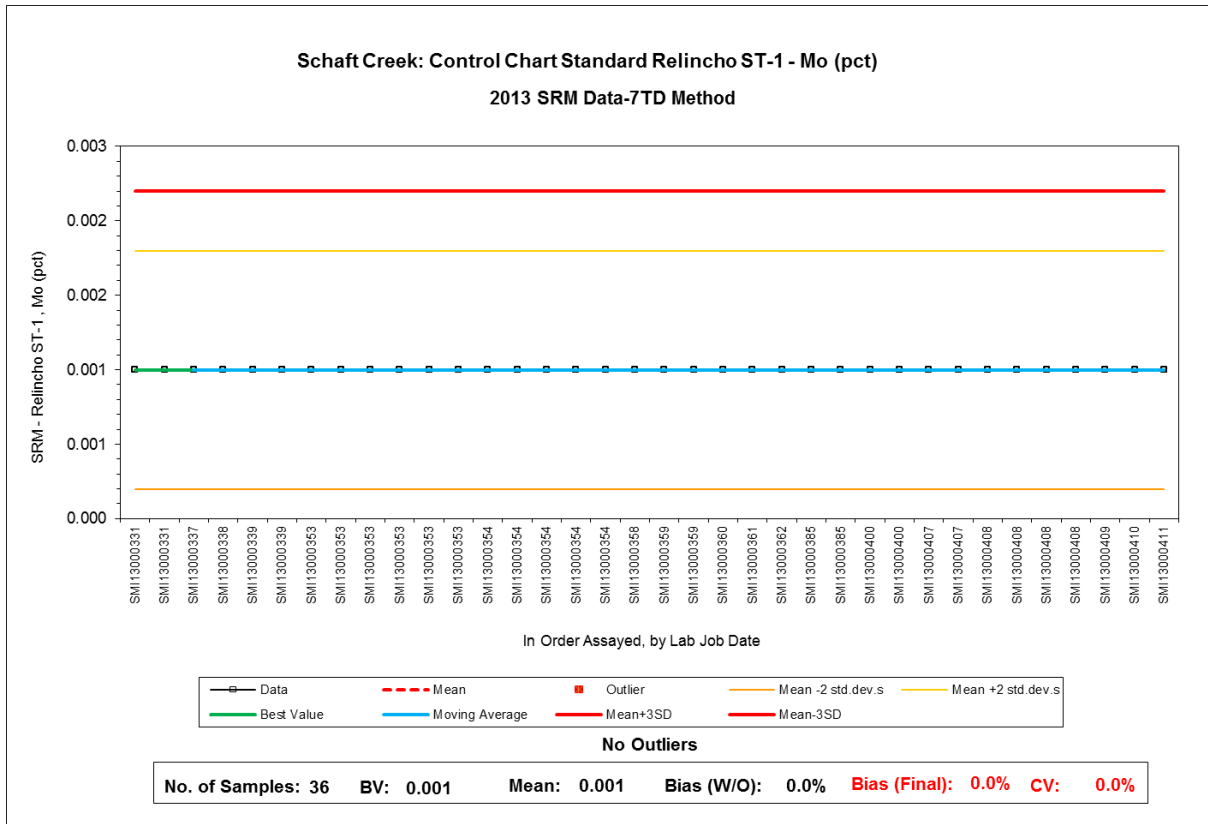
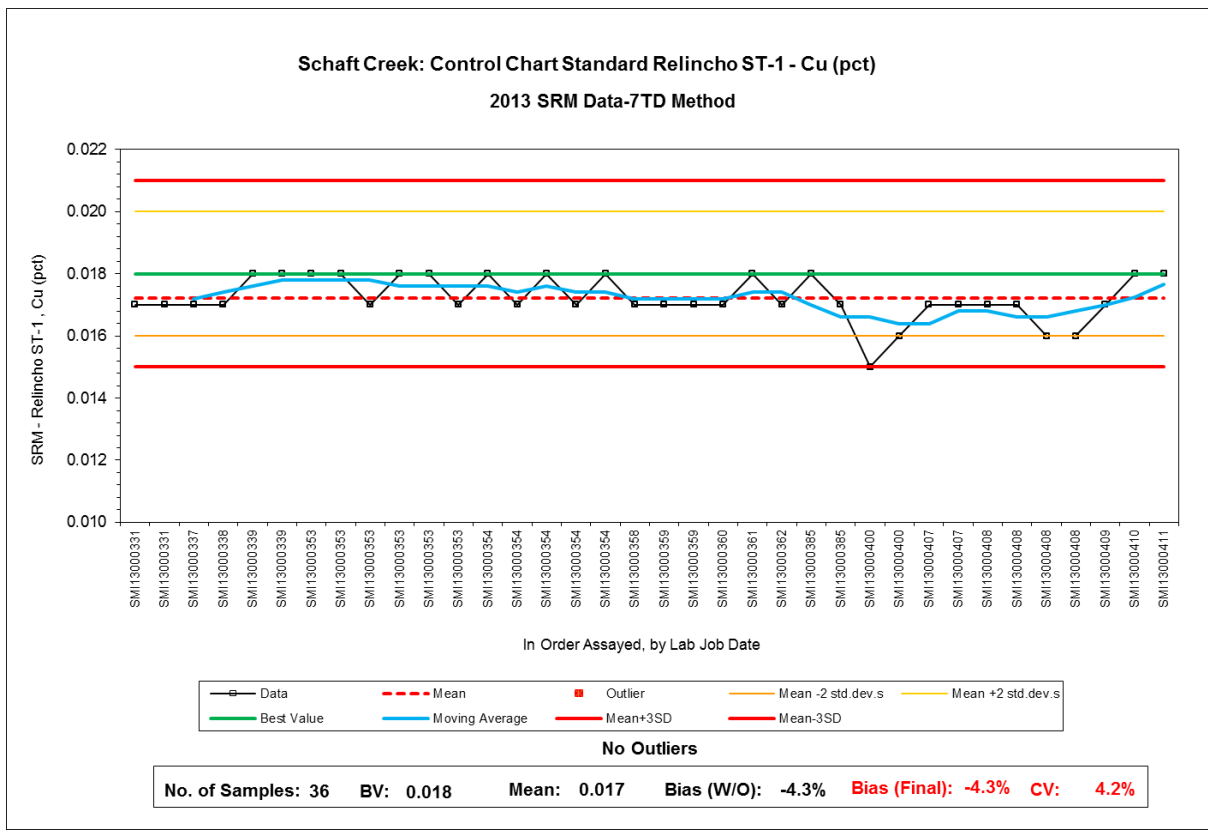
VAN14001163.1

Method	Analyte	MA200	MA200	MA200	MA200	MA200	MA200
		Hf	In	Re	Se	Te	Ti
Unit		ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates							
1144506	Drill Core	1.1	0.16	0.006	<1	0.7	<0.5
REP 1144506	QC	1.3	0.08	0.006	<1	0.7	<0.5
2302675	Drill Core	0.6	0.06	0.015	2	<0.5	<0.5
REP 2302675	QC	0.6	<0.05	0.028	1	0.5	<0.5
Reference Materials							
STD OREAS25A-4A	Standard	4.3	0.06	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	4.3	0.09	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	3.1	0.11	<0.005	3	<0.5	<0.5
STD OREAS45E	Standard	3.3	0.07	<0.005	4	<0.5	<0.5
STD OREAS25A-4A		4.53					0.35
STD OREAS45E Expected		3.11	0.099		2.97	0.1	0.09
BLK	Blank	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.05	<0.005	<1	<0.5	<0.5

Appendix VII: QAQC Summary Plots

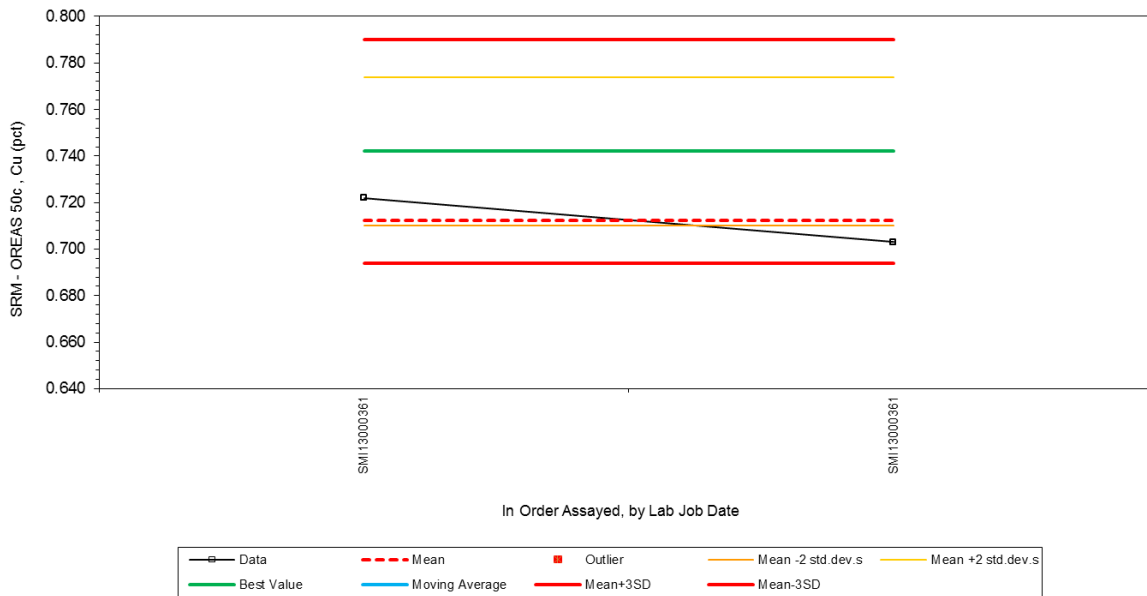
Shewhart control plots for all standards used in the 2013 Schaft Creek drill program





Schaft Creek: Control Chart Standard OREAS 50c - Cu (pct)

2013 SRM Data-7TD Method

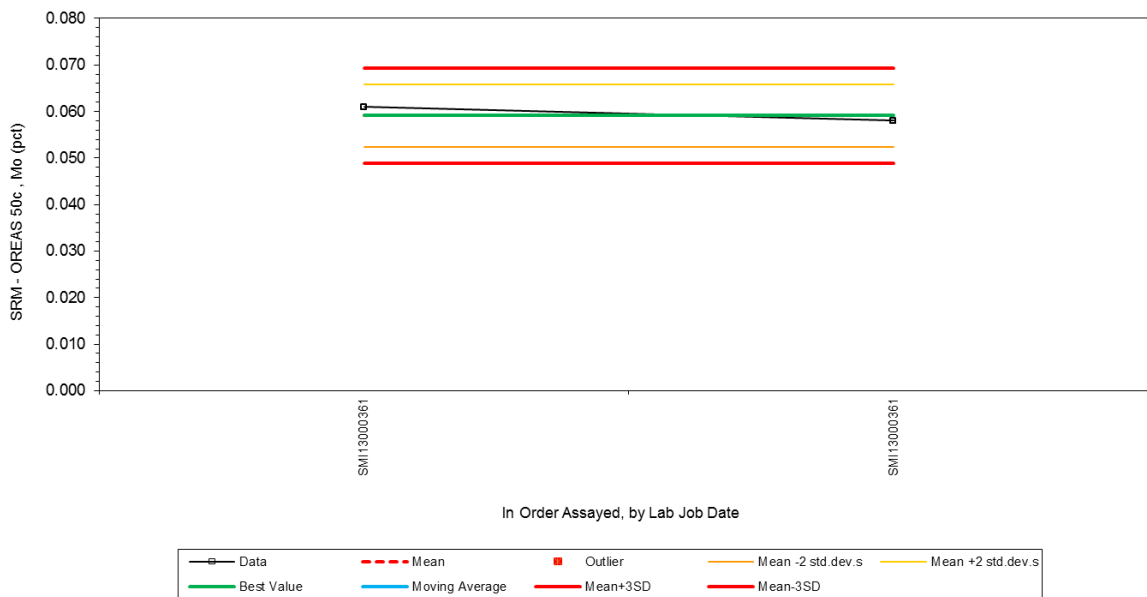


No Outliers

No. of Samples: 2 BV: 0.742 Mean: 0.713 Bias (W/O): -4.0% Bias (Final): -4.0% CV: 1.9%

Schaft Creek: Control Chart Standard OREAS 50c - Mo (pct)

2013 SRM Data-7TD Method

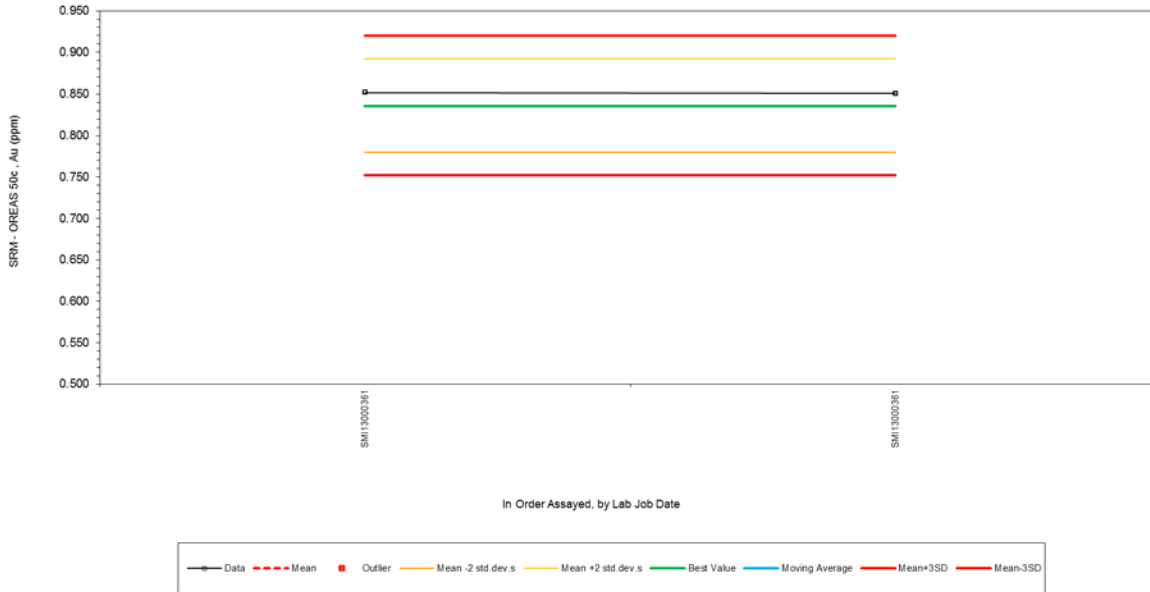


No Outliers

No. of Samples: 2 BV: 0.0591 Mean: 0.060 Bias (W/O): 0.7% Bias (Final): 0.7% CV: 3.6%

Schaft Creek: Control Chart Standard OREAS 50c - Au (ppm)

2013 SRM Data-G601 Method

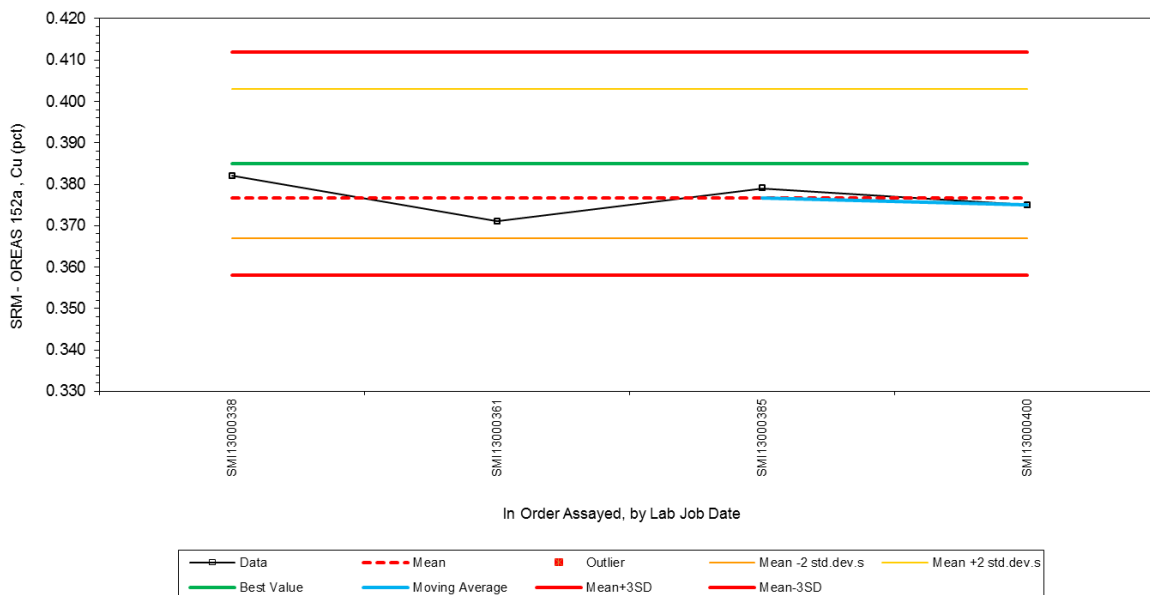


No Outliers

No. of Samples: 2 BV: 0.836 Mean: 0.852 Bias (W/O): 1.9% Bias (Final): 1.9% CV: 0.1%

Schaft Creek: Control Chart Standard OREAS 152a - Cu (pct)

2013 SRM Data-7TD Method

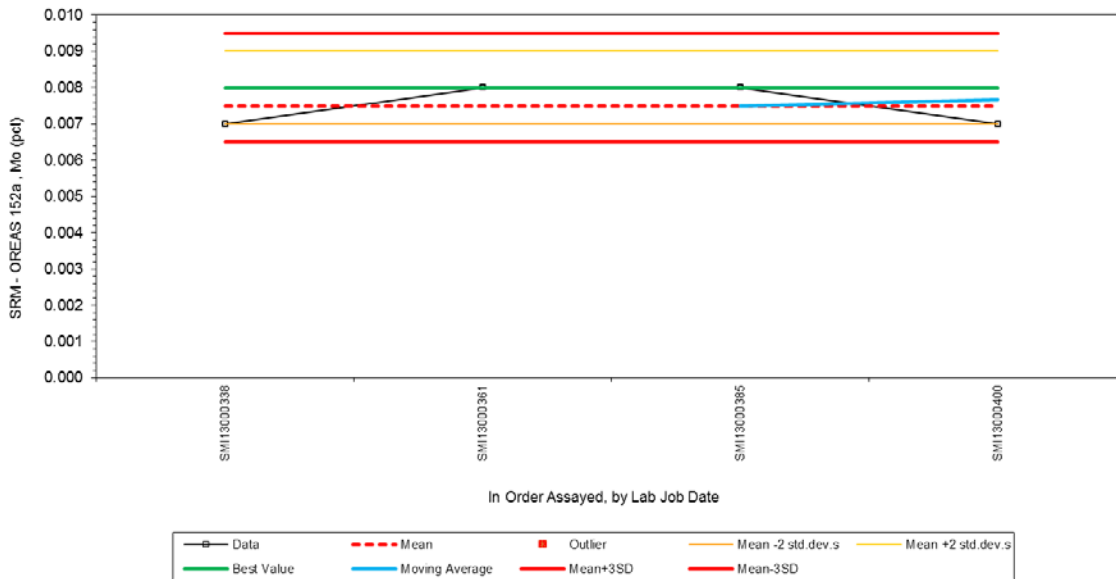


No Outliers

No. of Samples: 4 BV: 0.385 Mean: 0.377 Bias (W/O): -2.1% Bias (Final): -2.1% CV: 1.3%

Schaft Creek: Control Chart Standard OREAS 152a - Mo (pct)

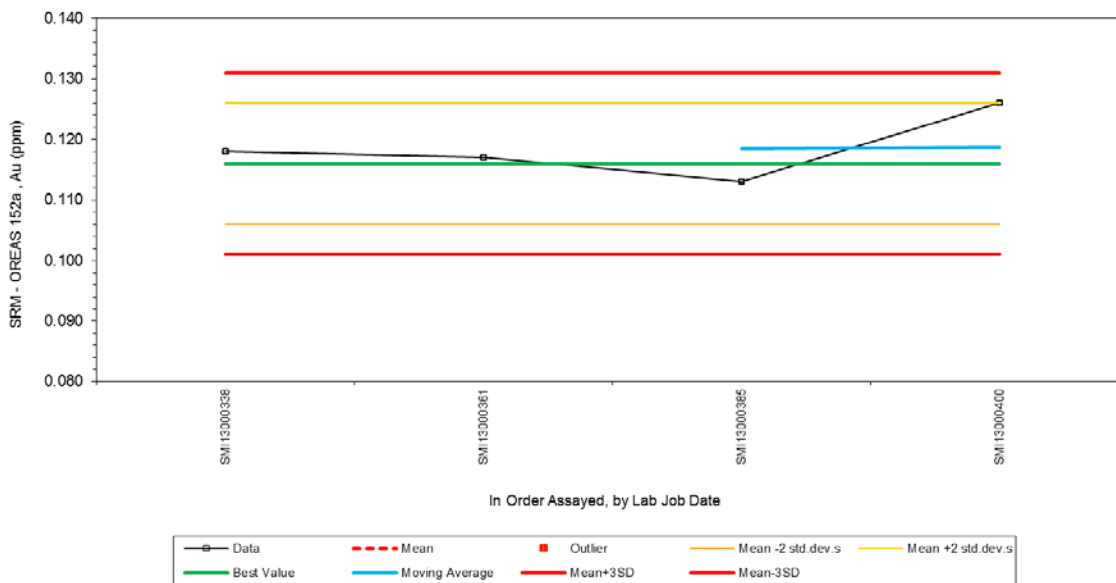
2013 SRM Data-7TD Method



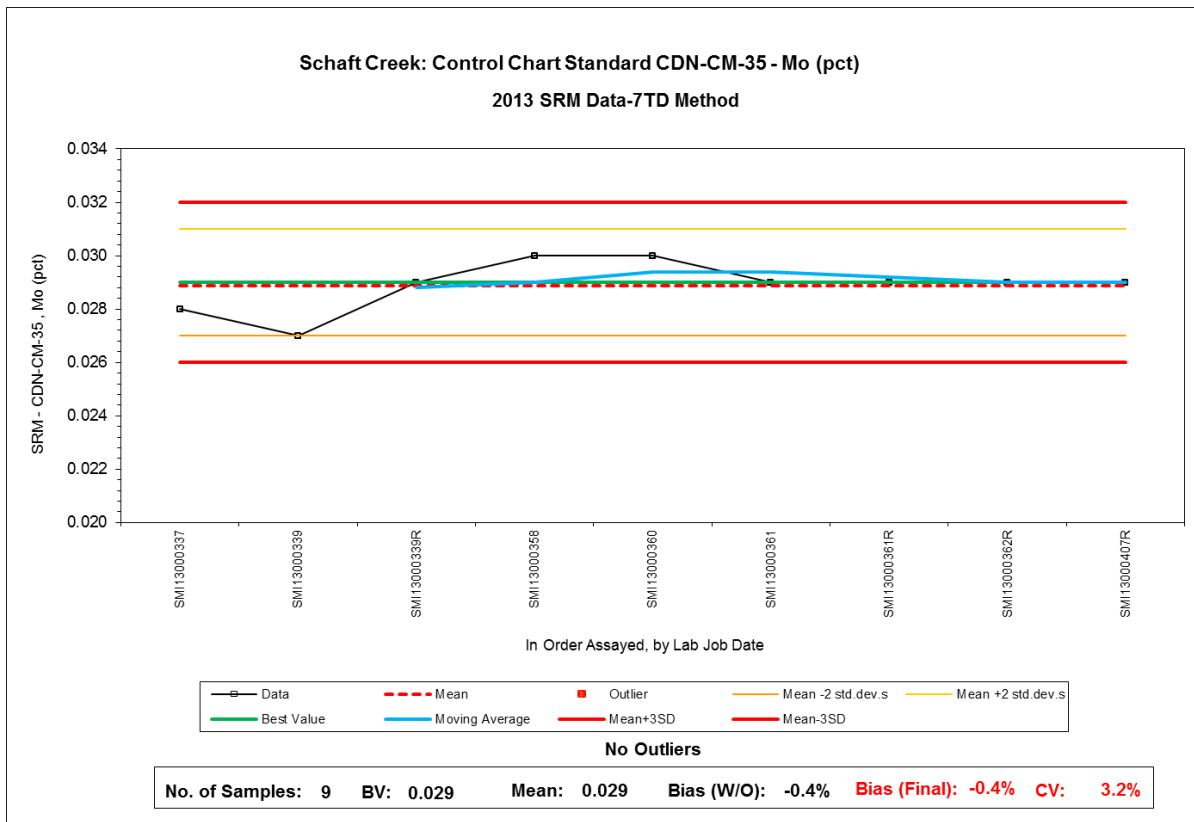
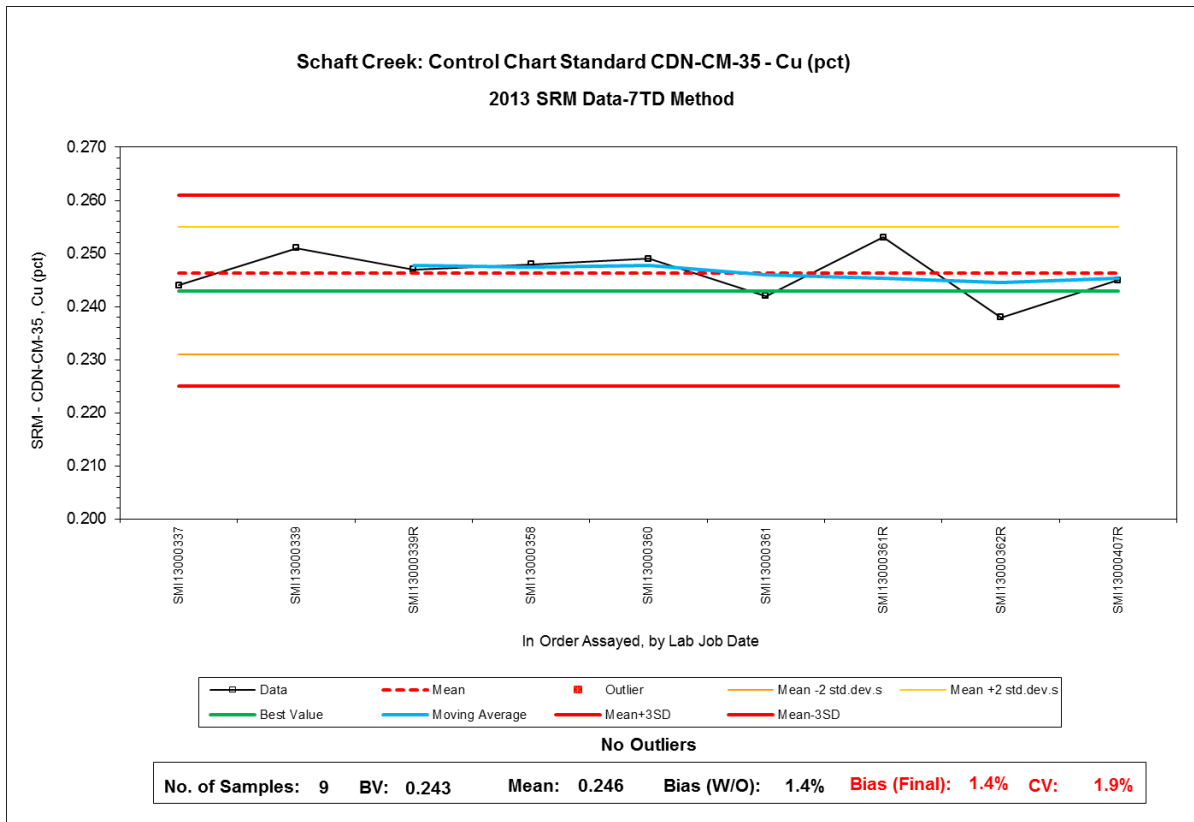
No. of Samples: 4 BV: 0.008 Mean: 0.008 Bias (W/O): -6.3% Bias (Final): -6.3% CV: 7.7%

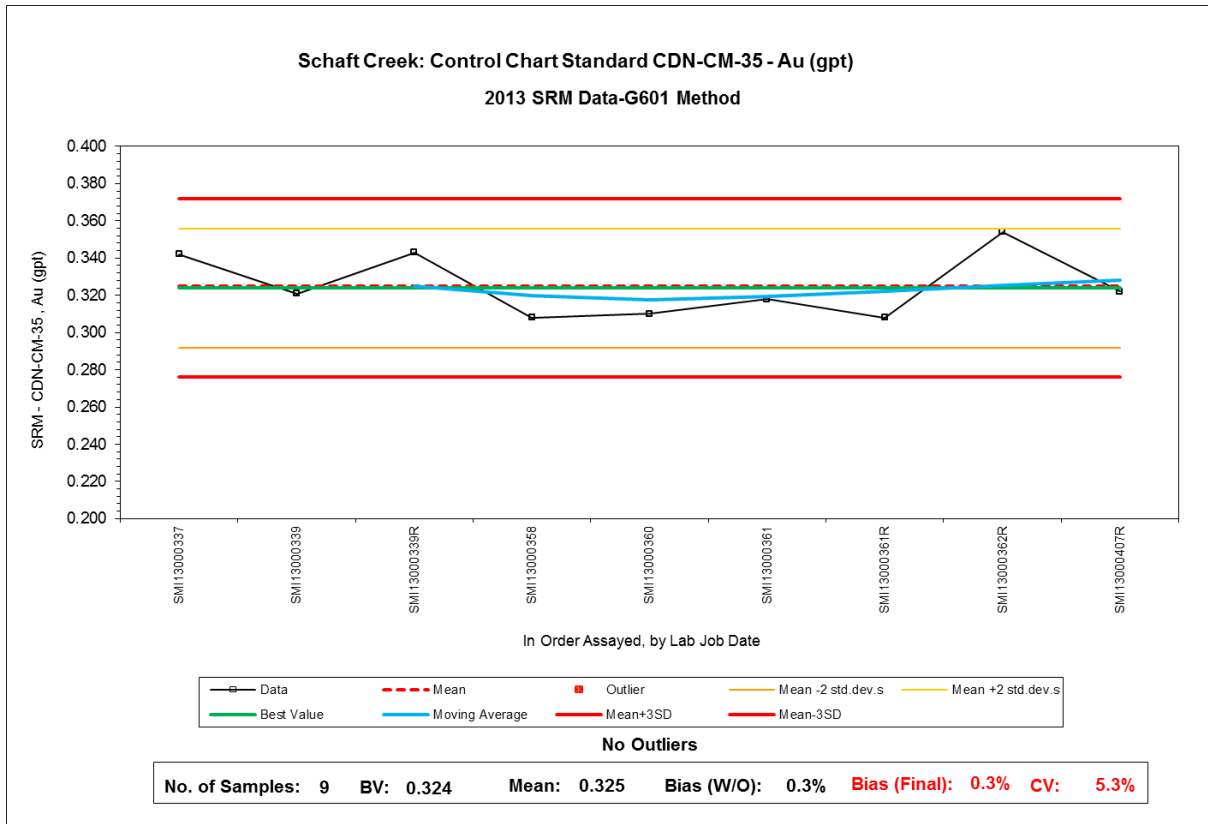
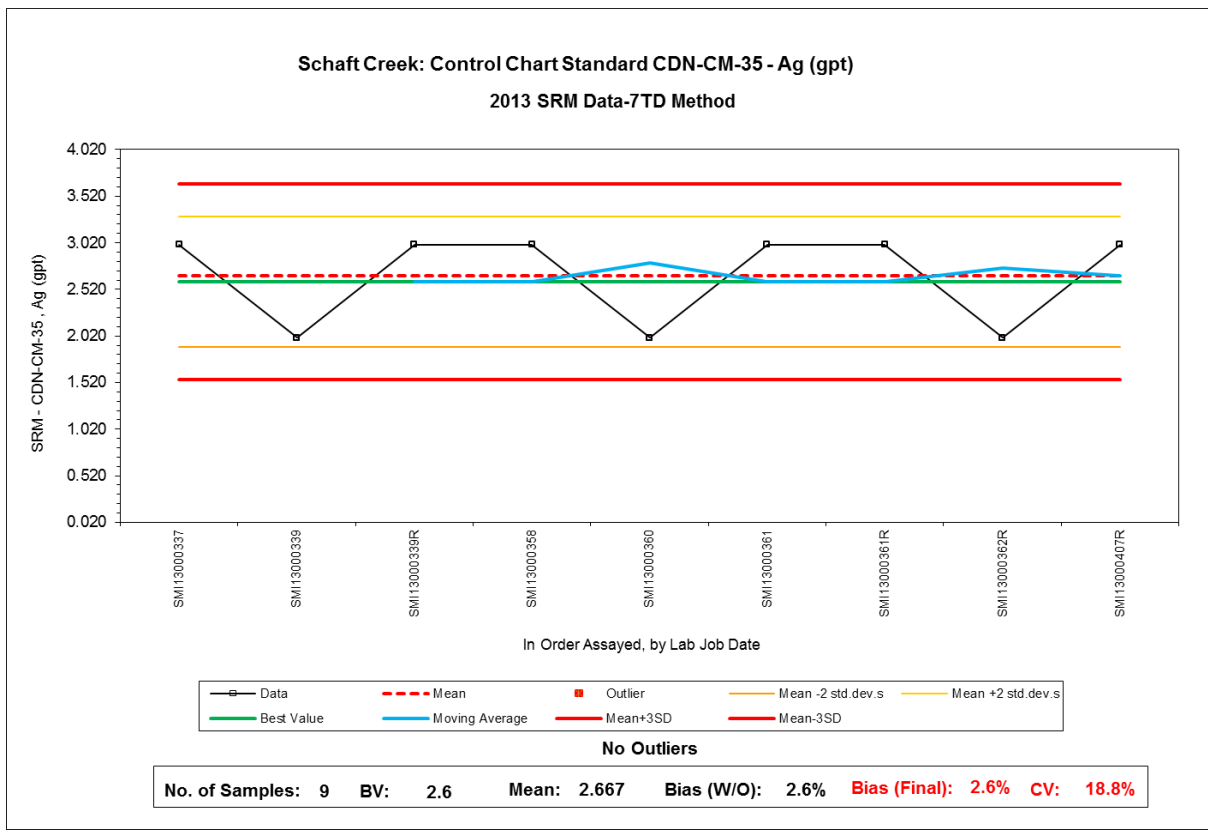
Schaft Creek: Control Chart Standard OREAS 152a - Au (ppm)

2013 SRM Data-G601 Method

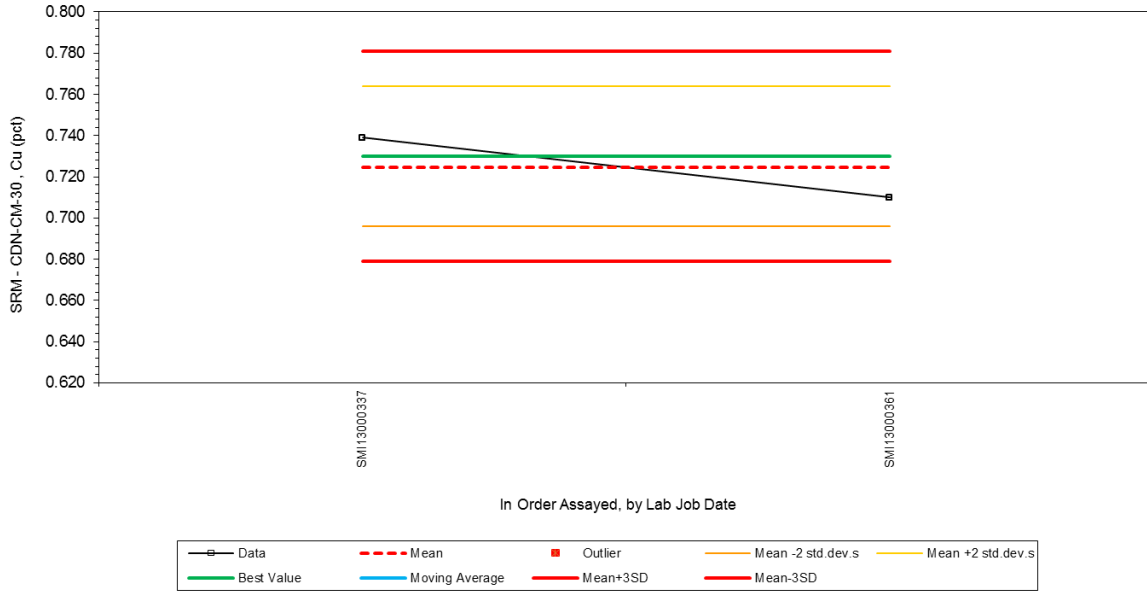


No. of Samples: 4 BV: 0.116 Mean: 0.119 Bias (W/O): 2.2% Bias (Final): 2.2% CV: 4.6%





Schaft Creek: Control Chart Standard CDN-CM-30 - Cu (pct)
2013 SRM Data-7TD Method

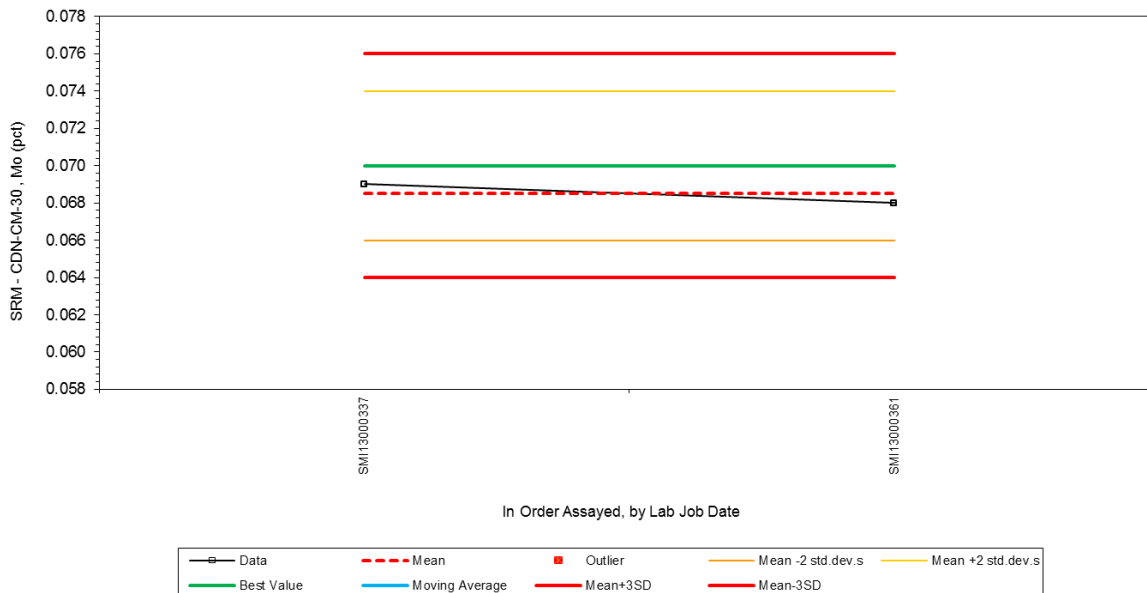


In Order Assayed, by Lab Job Date

No Outliers

No. of Samples: 2 BV: 0.73 Mean: 0.725 Bias (W/O): -0.8% Bias (Final): -0.8% CV: 2.8%

Schaft Creek: Control Chart Standard CDN-CM-30 - Mo (pct)
2013 SRM Data-7TD Method

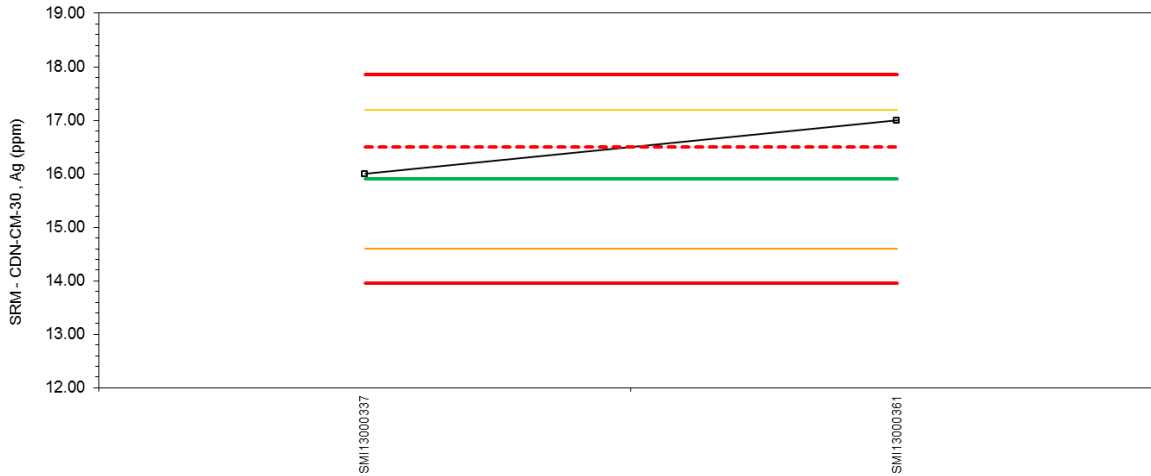


In Order Assayed, by Lab Job Date

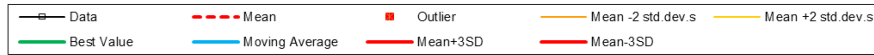
No Outliers

No. of Samples: 2 BV: 0.07 Mean: 0.069 Bias (W/O): -2.1% Bias (Final): -2.1% CV: 1.0%

Schaft Creek: Control Chart Standard CDN-CM-30 - Ag (ppm)
2013 SRM Data-7TD Method



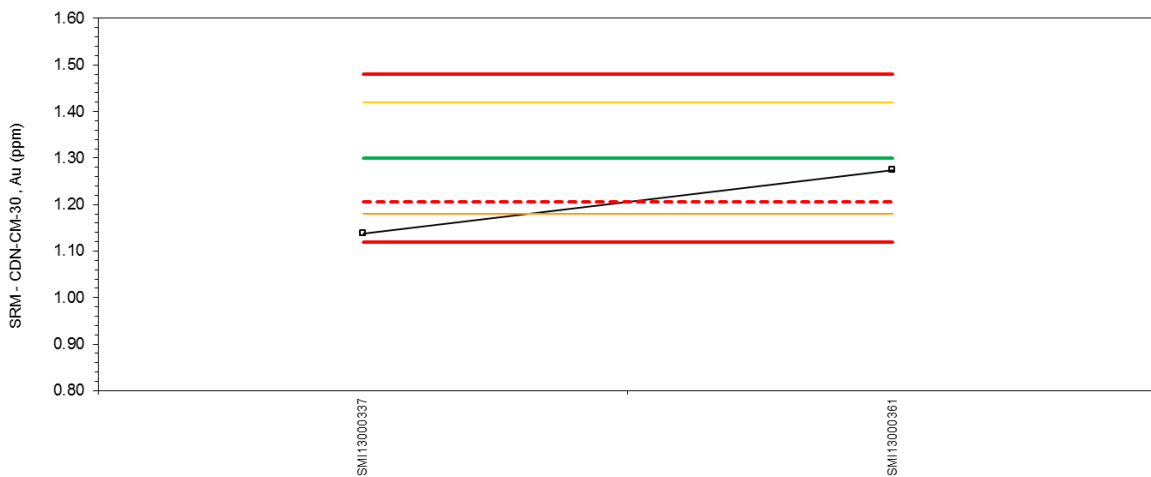
In Order Assayed, by Lab Job Date



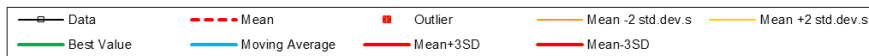
No Outliers

No. of Samples: 2 BV: 15.9 Mean: 16.500 Bias (W/O): 3.8% Bias (Final): 3.8% CV: 4.3%

Schaft Creek: Control Chart Standard CDN-CM-30 - Au (ppm)
2013 SRM Data-7TD Method

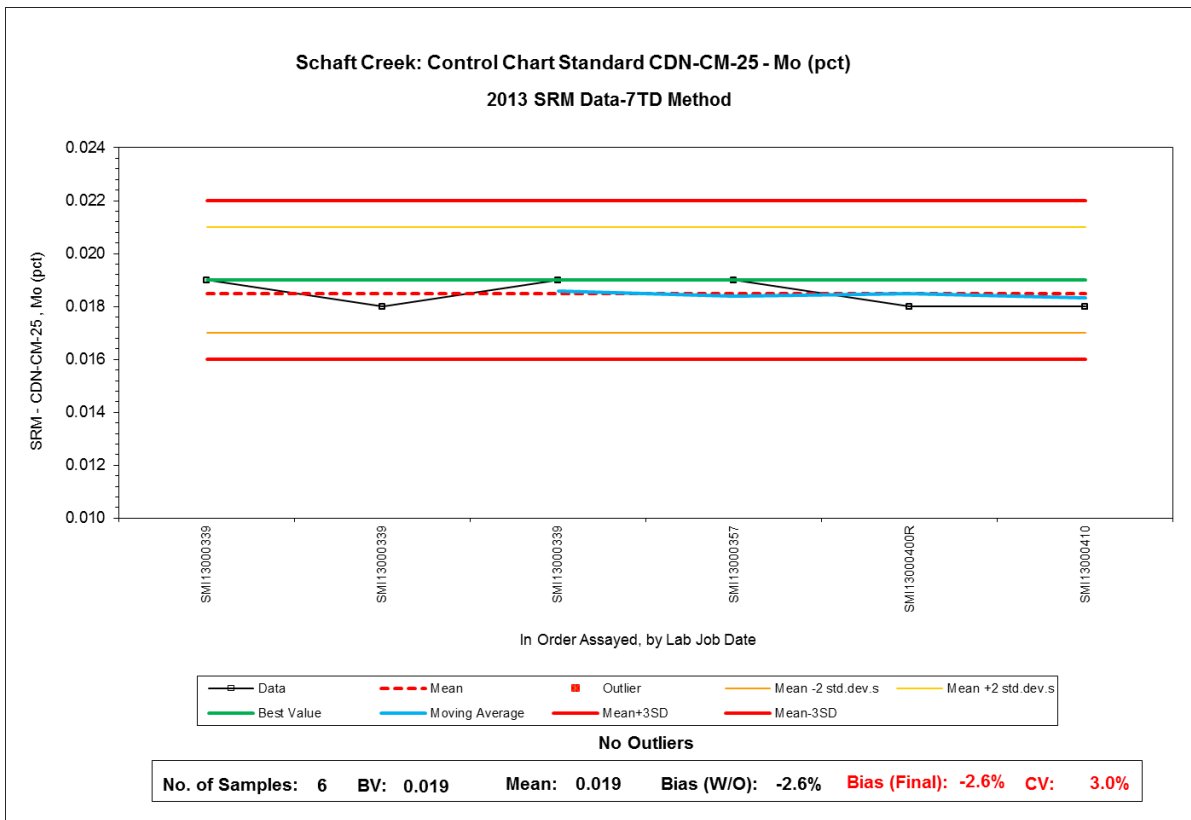
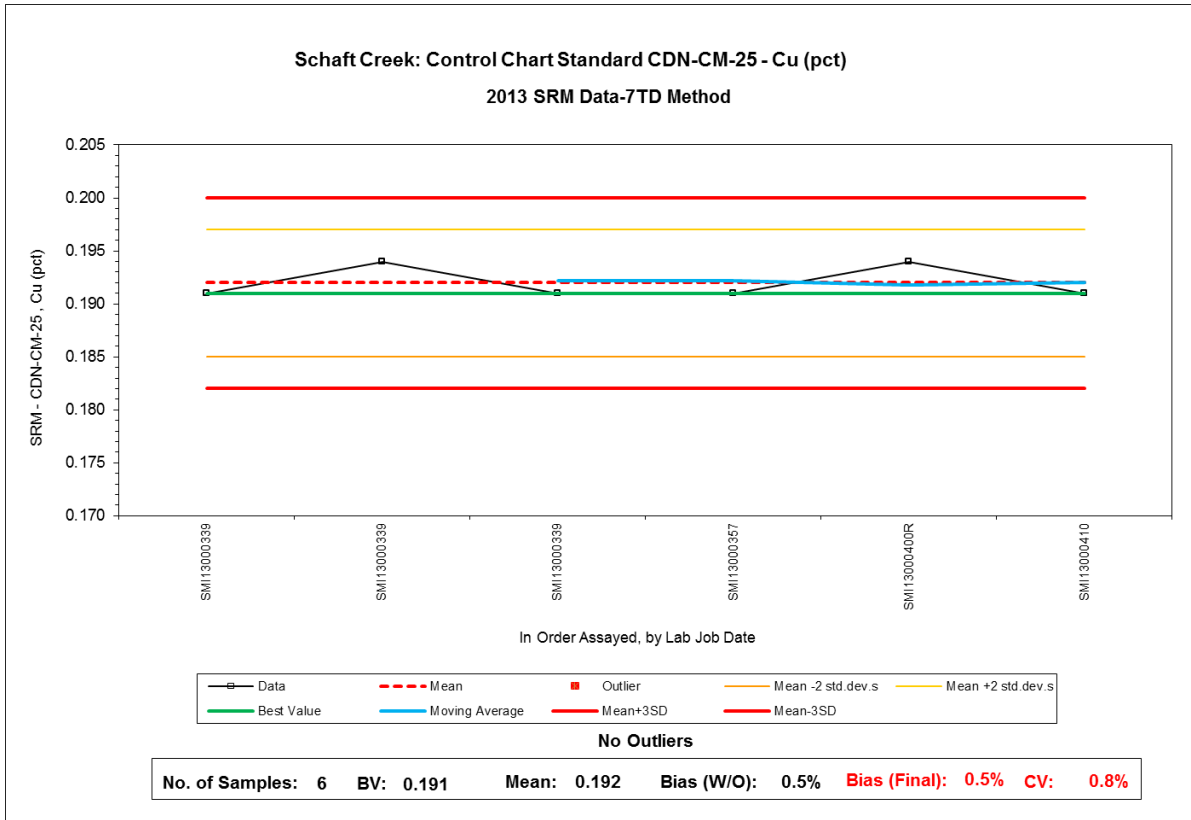


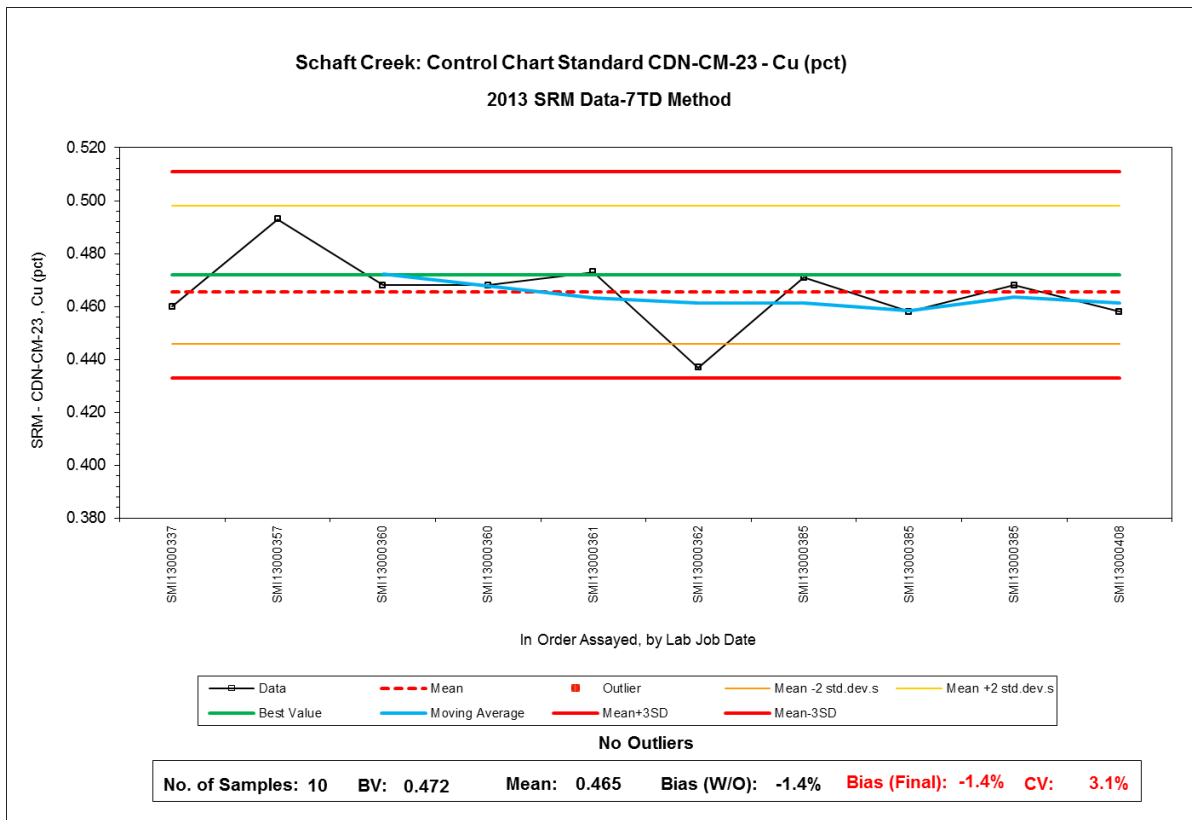
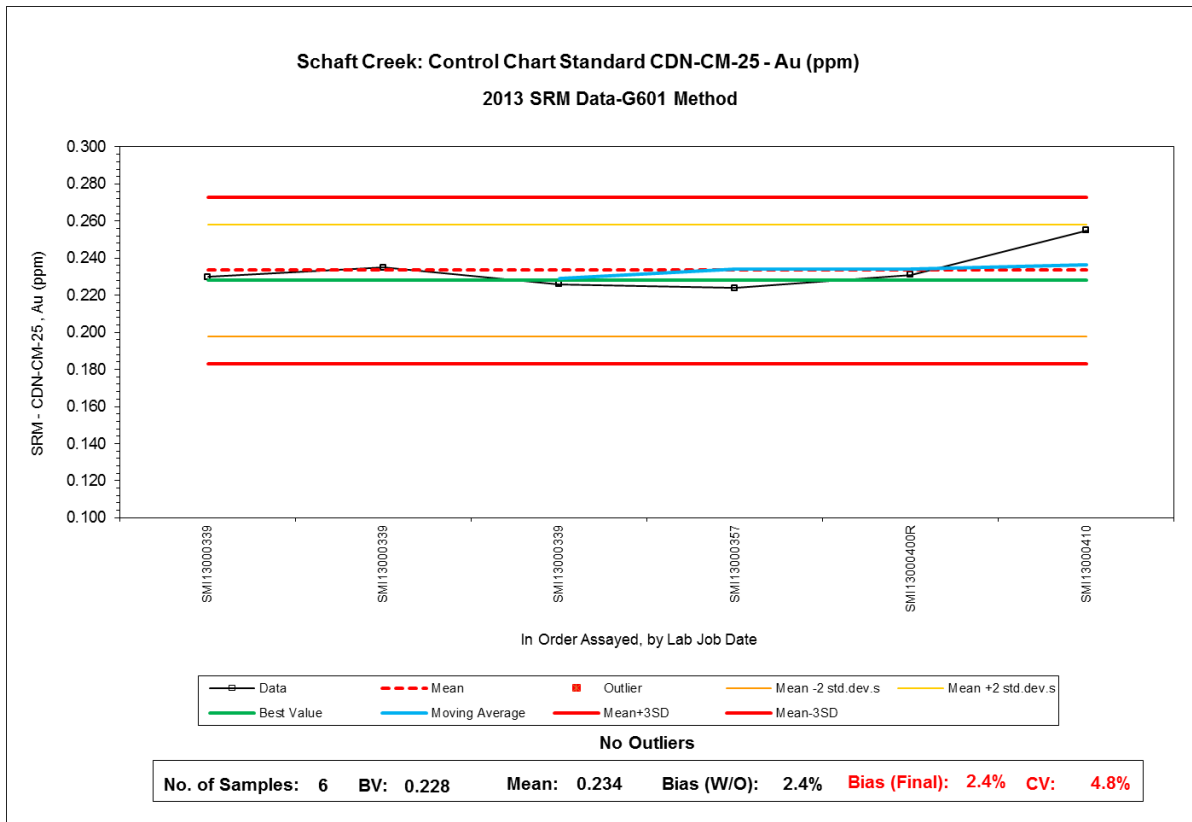
In Order Assayed, by Lab Job Date



No Outliers

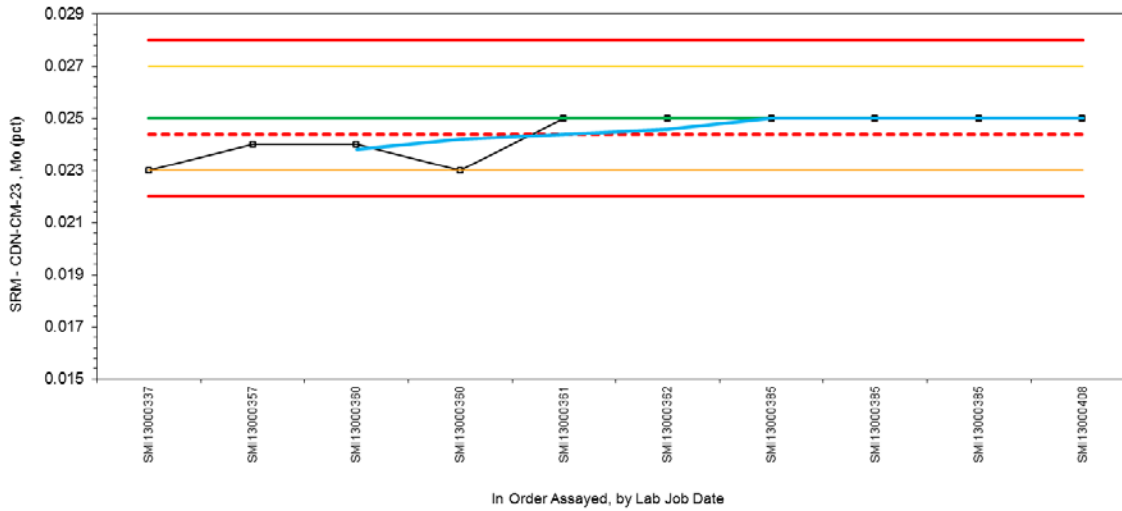
No. of Samples: 2 BV: 1.3 Mean: 1.206 Bias (W/O): -7.2% Bias (Final): -7.2% CV: 8.0%





Schaft Creek: Control Chart Standard CDN-CM-23 - Mo (pct)

2013 SRM Data-7TD Method

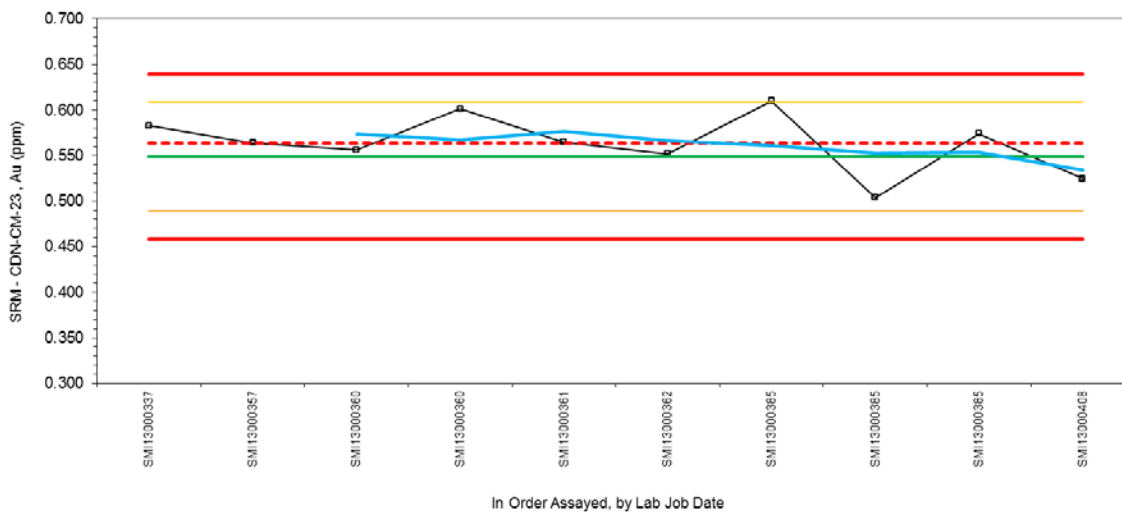


No Outliers

No. of Samples: 10 BV: 0.025 Mean: 0.024 Bias (W/O): -2.4% Bias (Final): -2.4% CV: 3.5%

Schaft Creek: Control Chart Standard CDN-CM-23 - Au (ppm)

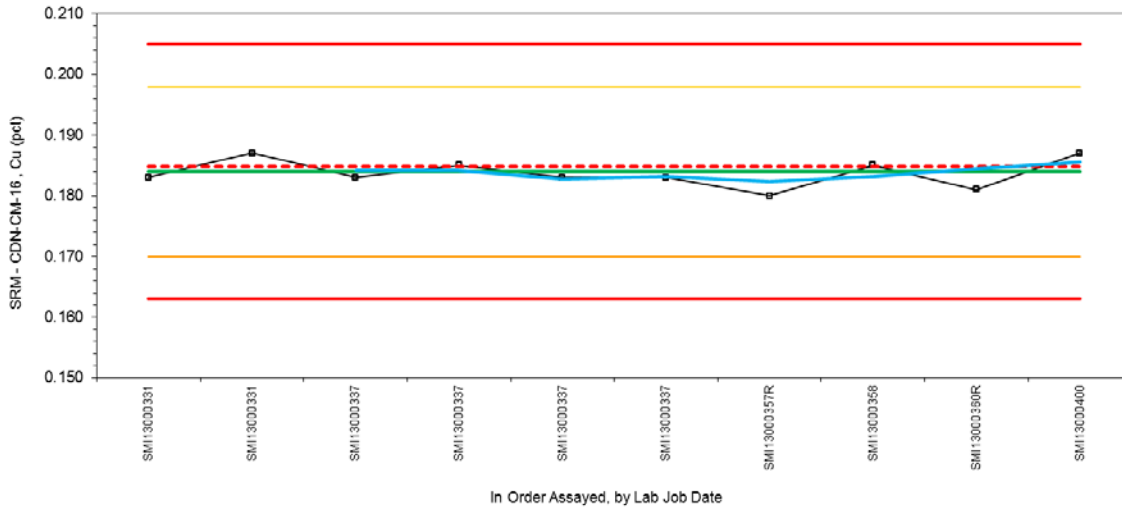
2013 SRM Data-G601 Method



No Outliers

No. of Samples: 10 BV: 0.549 Mean: 0.563 Bias (W/O): 2.6% Bias (Final): 2.6% CV: 5.7%

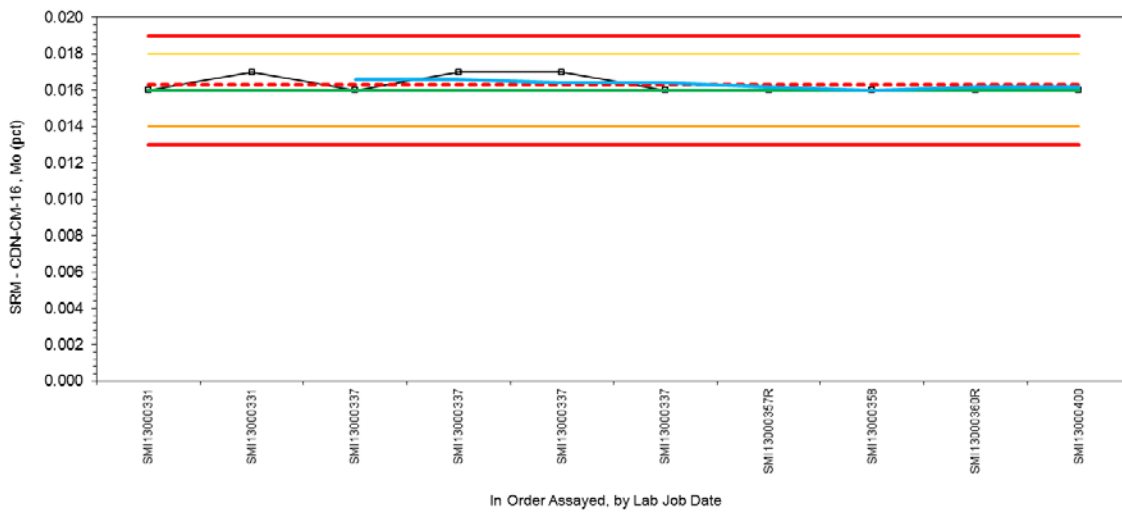
Schaft Creek: Control Chart Standard CDN-CM-16 - Cu (pct)
2013 SRM Data-7TD Method



No Outliers

No. of Samples: 13 BV: 0.184 Mean: 0.185 Bias (W/O): 0.5% Bias (Final): 0.5% CV: 1.7%

Schaft Creek: Control Chart Standard CDN-CM-16 - Mo (pct)
2013 SRM Data-7TD Method

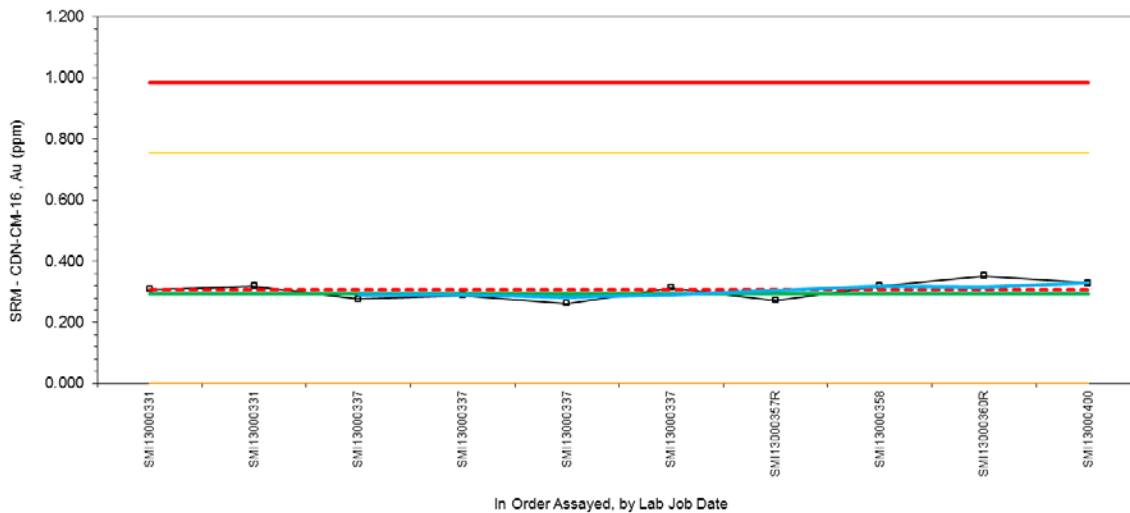


No Outliers

No. of Samples: 13 BV: 0.016 Mean: 0.016 Bias (W/O): 1.9% Bias (Final): 1.9% CV: 2.9%

Schaft Creek: Control Chart Standard CDN-CM-16 - Au (ppm)

2013 SRM Data-G601 Method

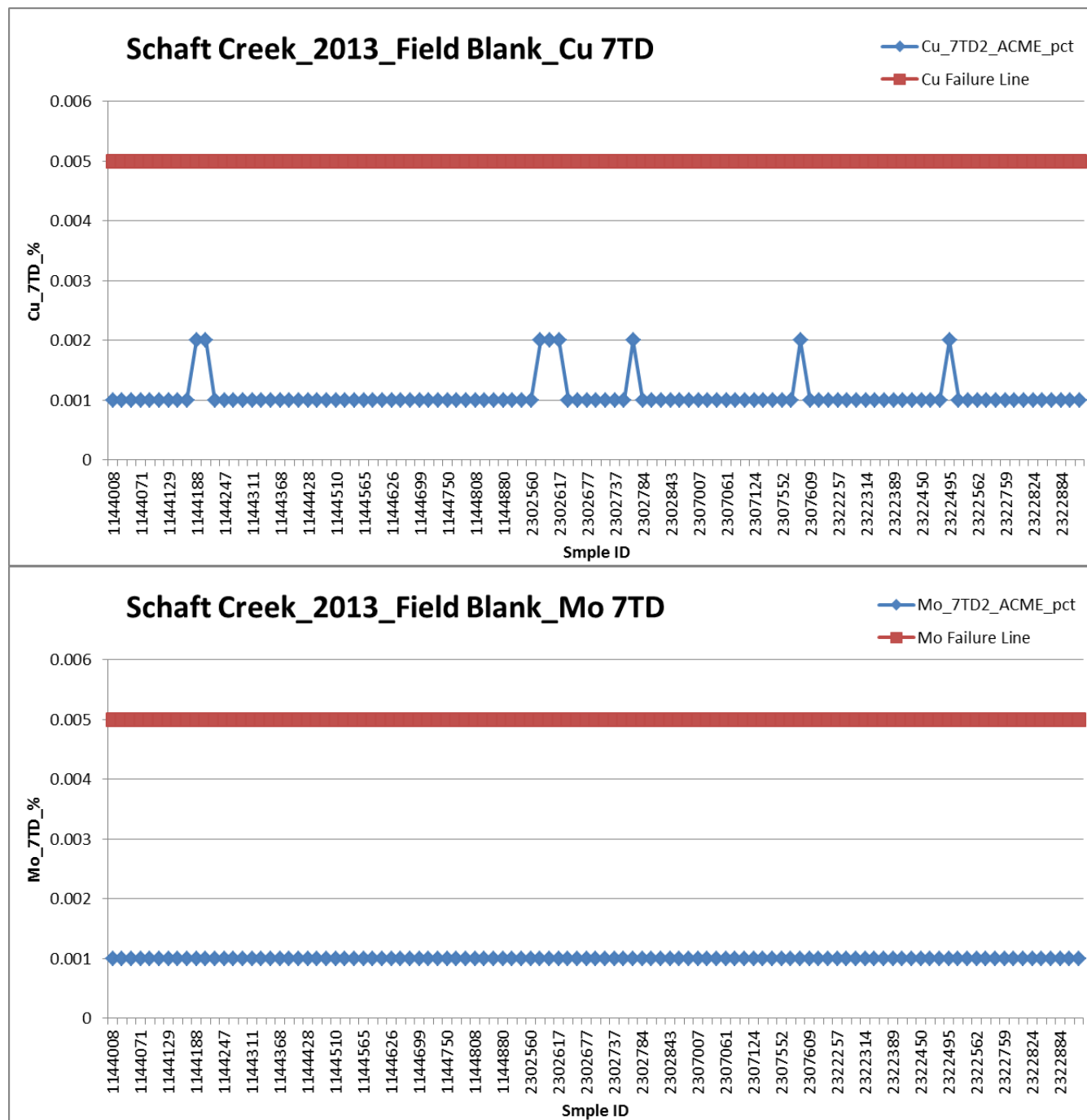


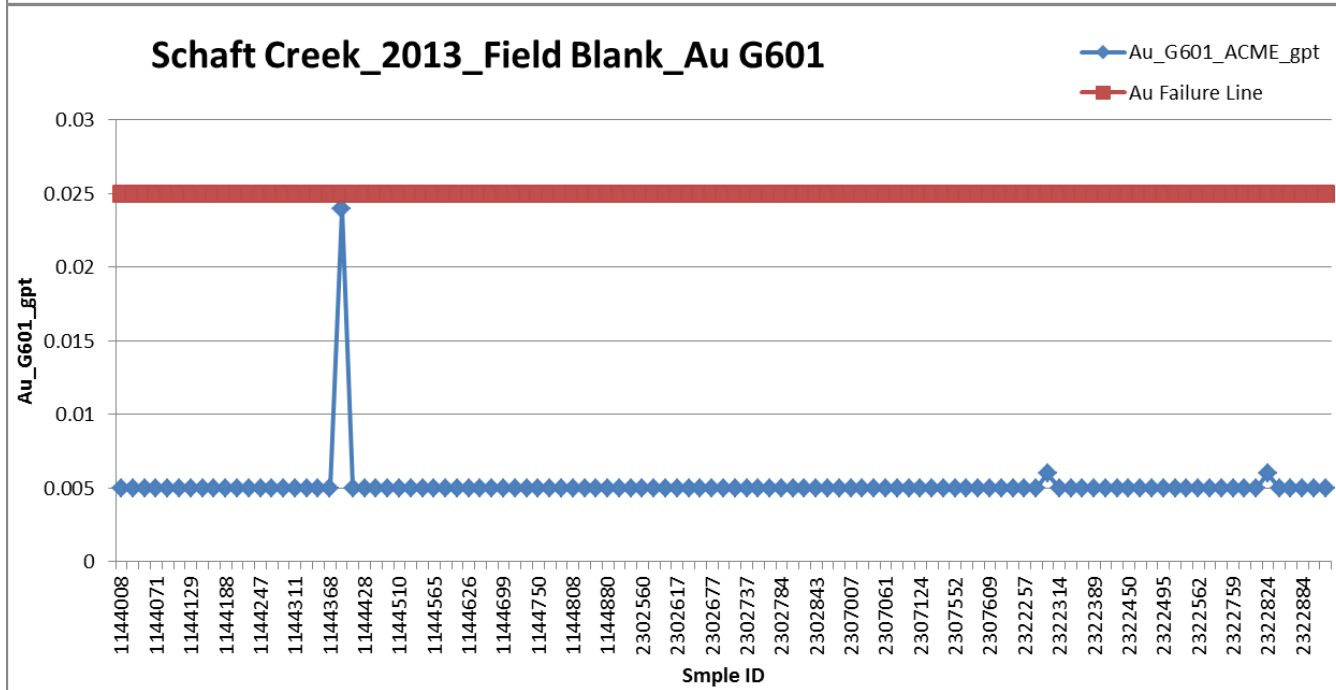
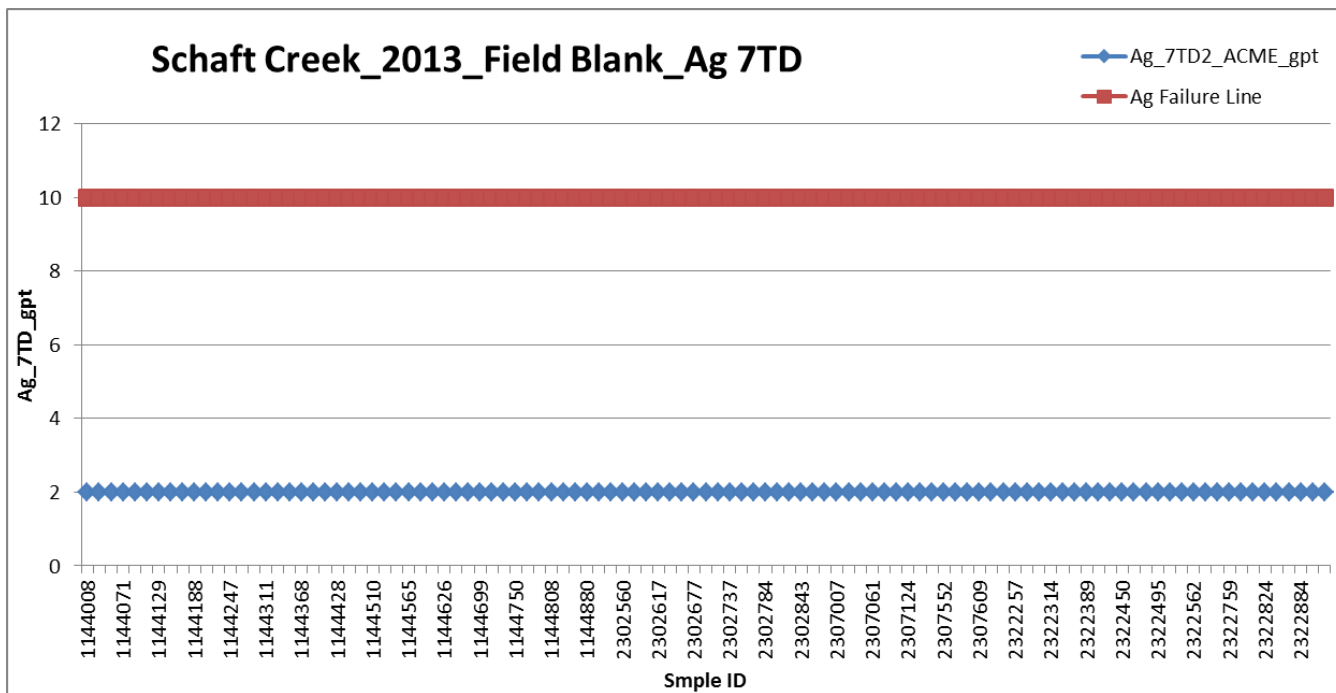
—□— Data - - - Mean ■ Outlier — Mean -2 std. dev.s — Mean +2 std. dev.s
— Best Value — Moving Average — Mean+3SD — Mean-3SD

No Outliers

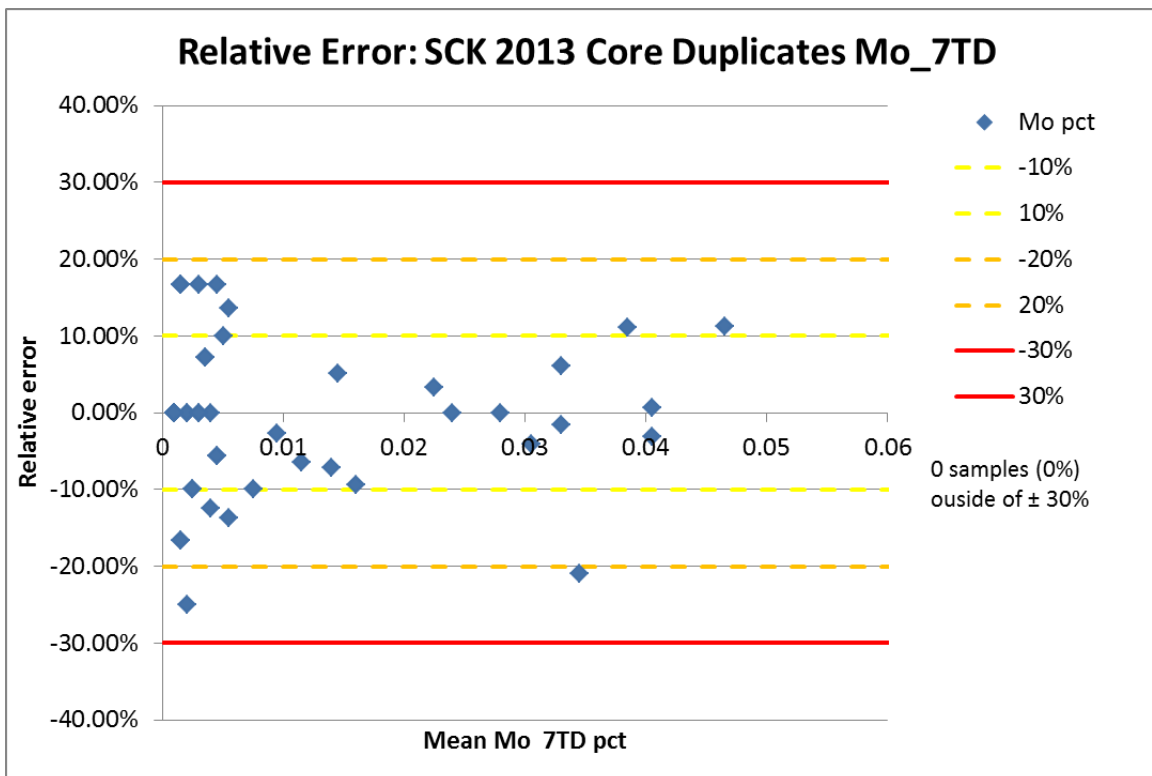
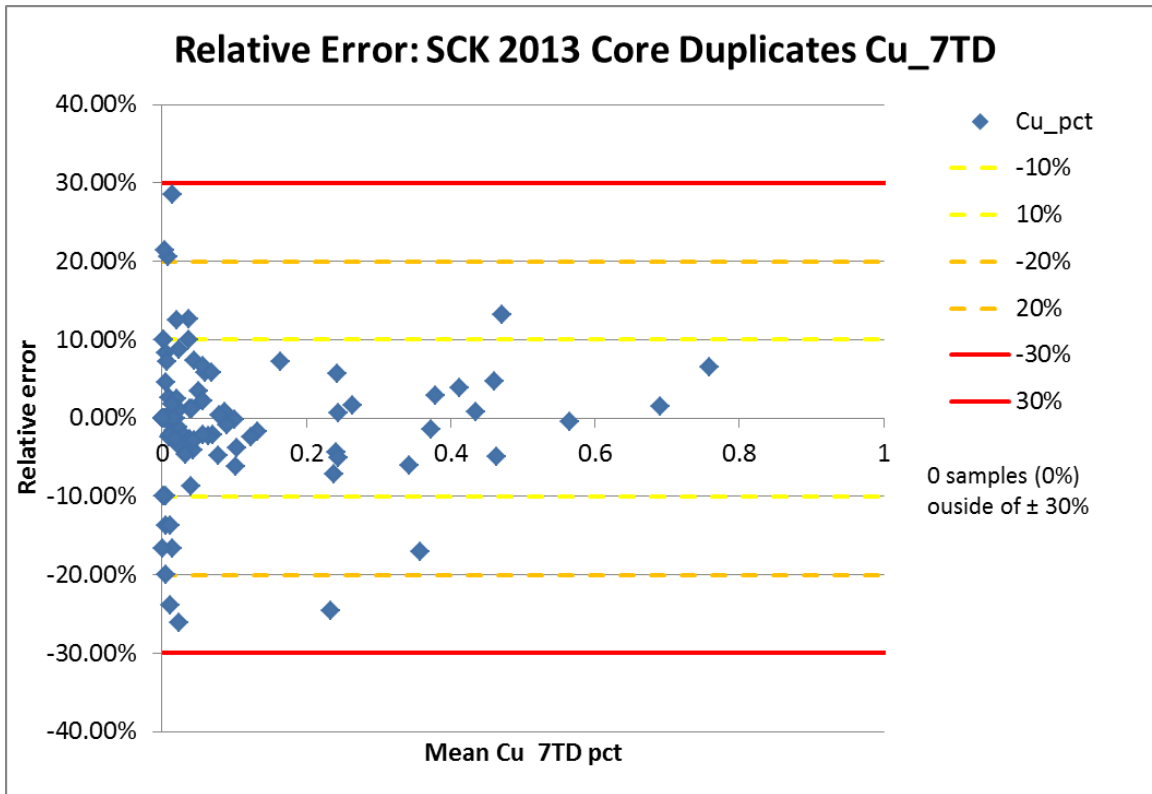
No. of Samples: 13 BV: 0,294 Mean: 0.309 Bias (W/O): 5.0% Bias (Final): 5.0% CV: 9.0%

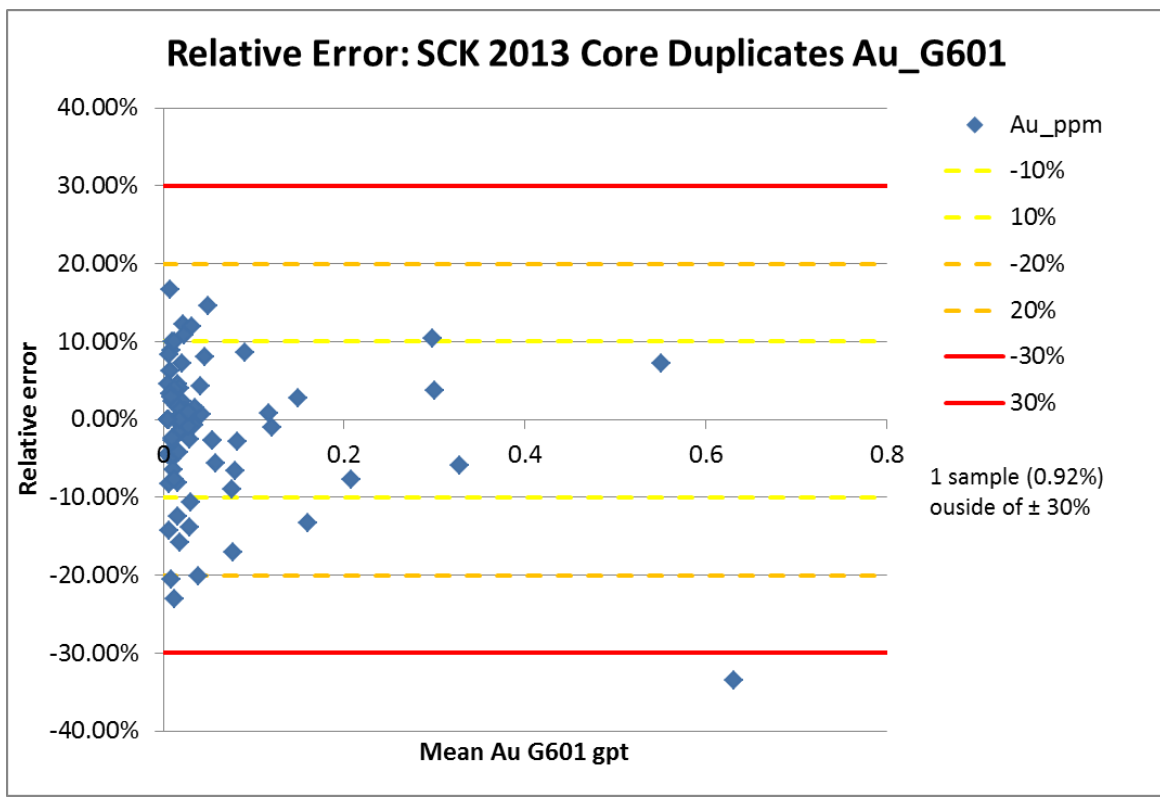
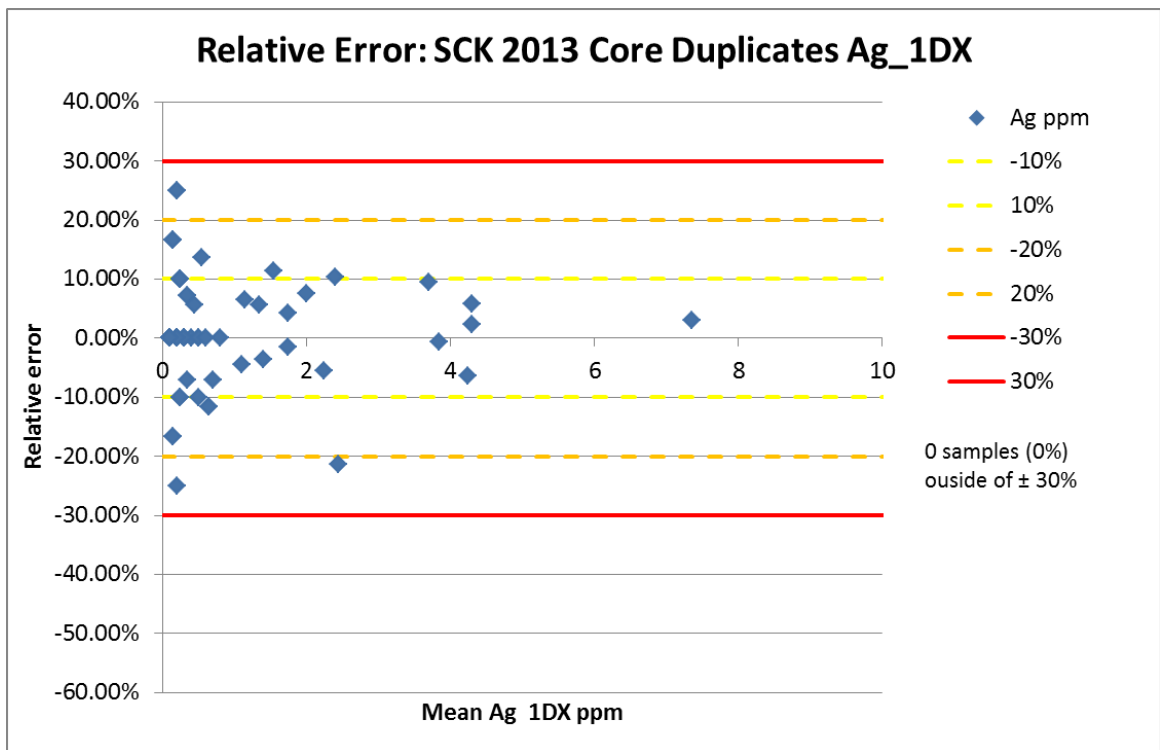
Field blank



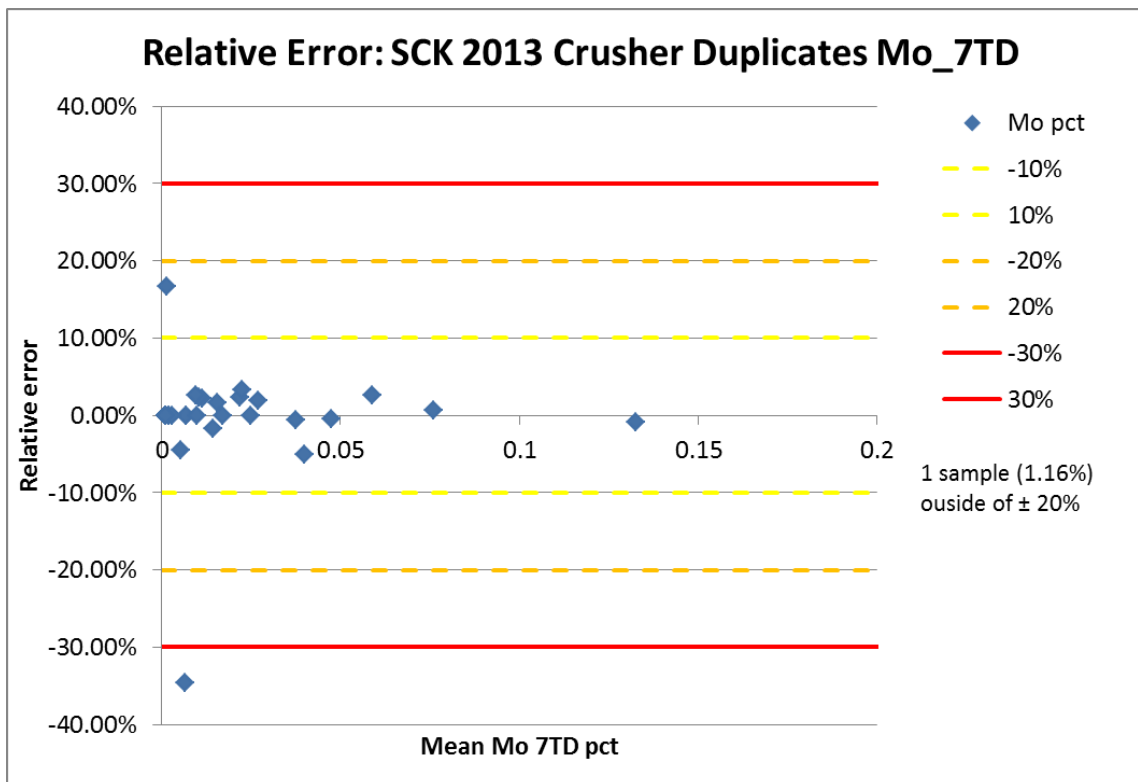
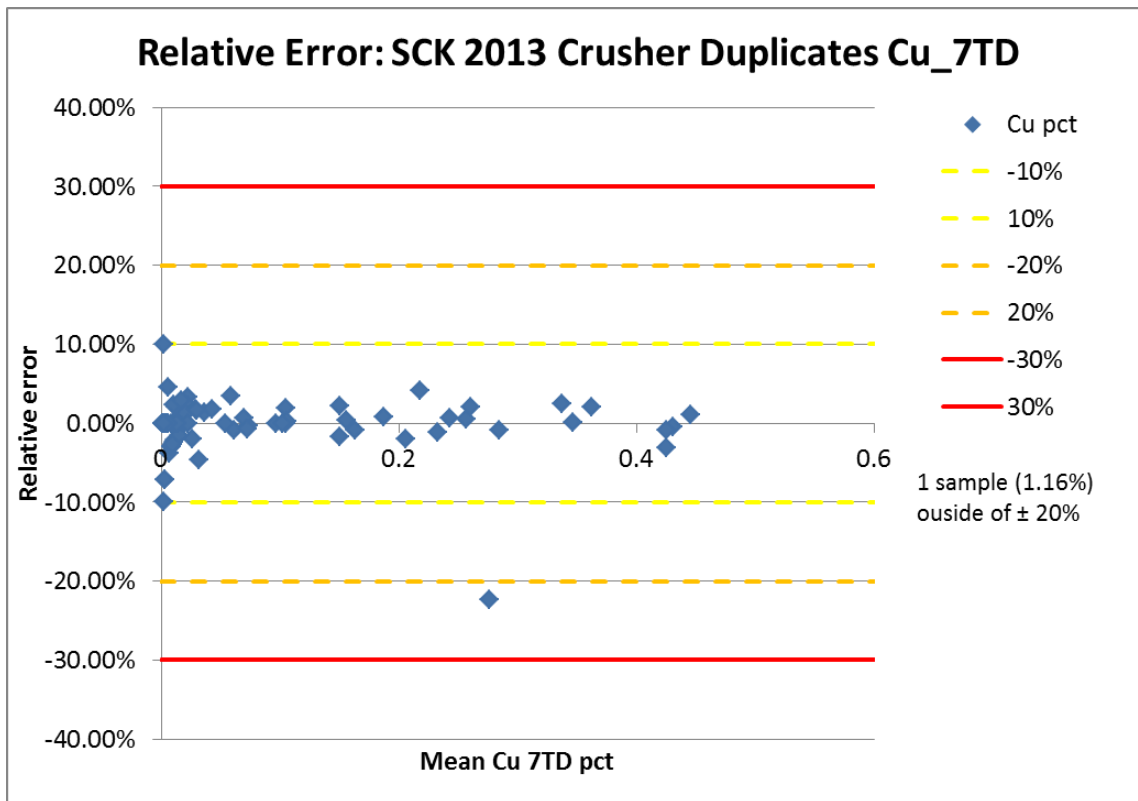


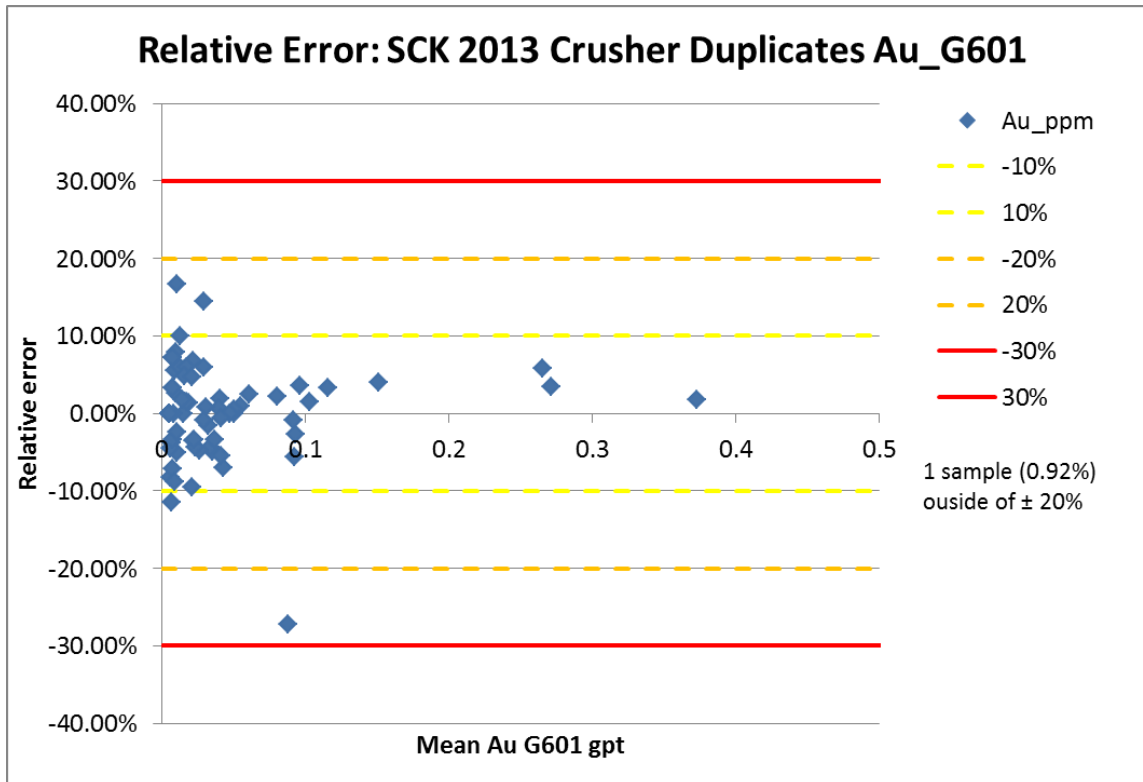
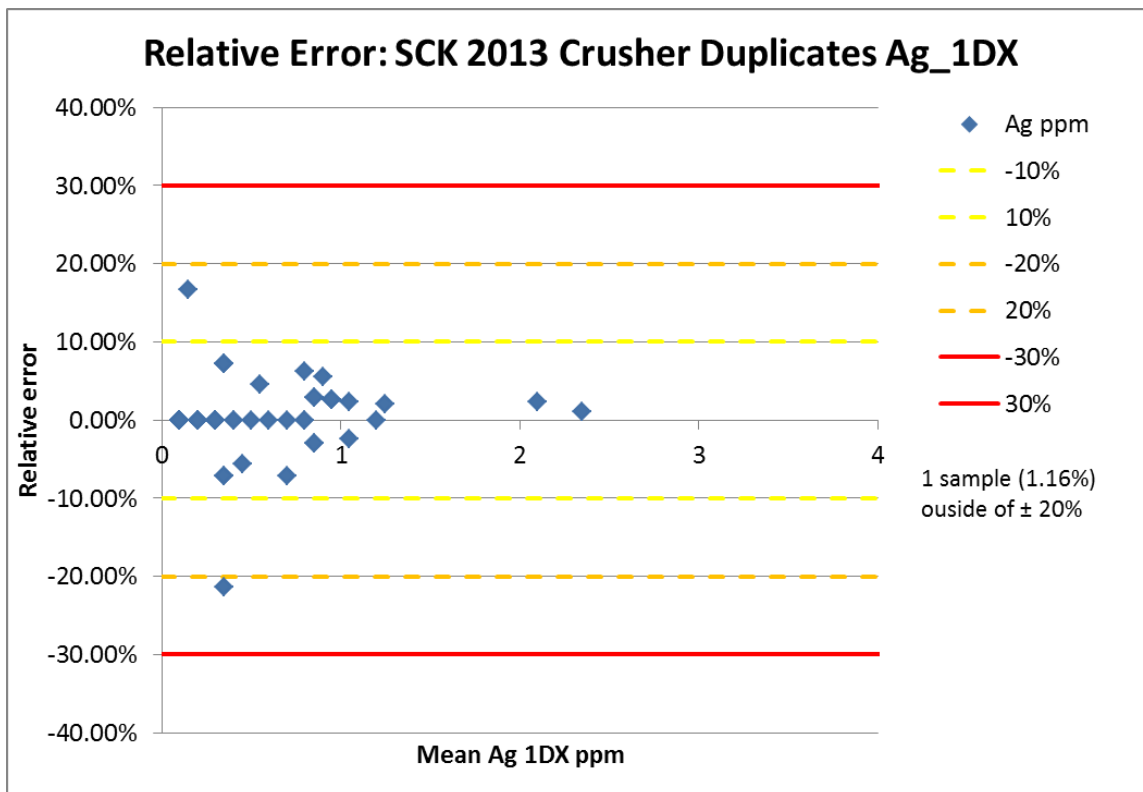
Core Duplicates





Crusher Duplicates

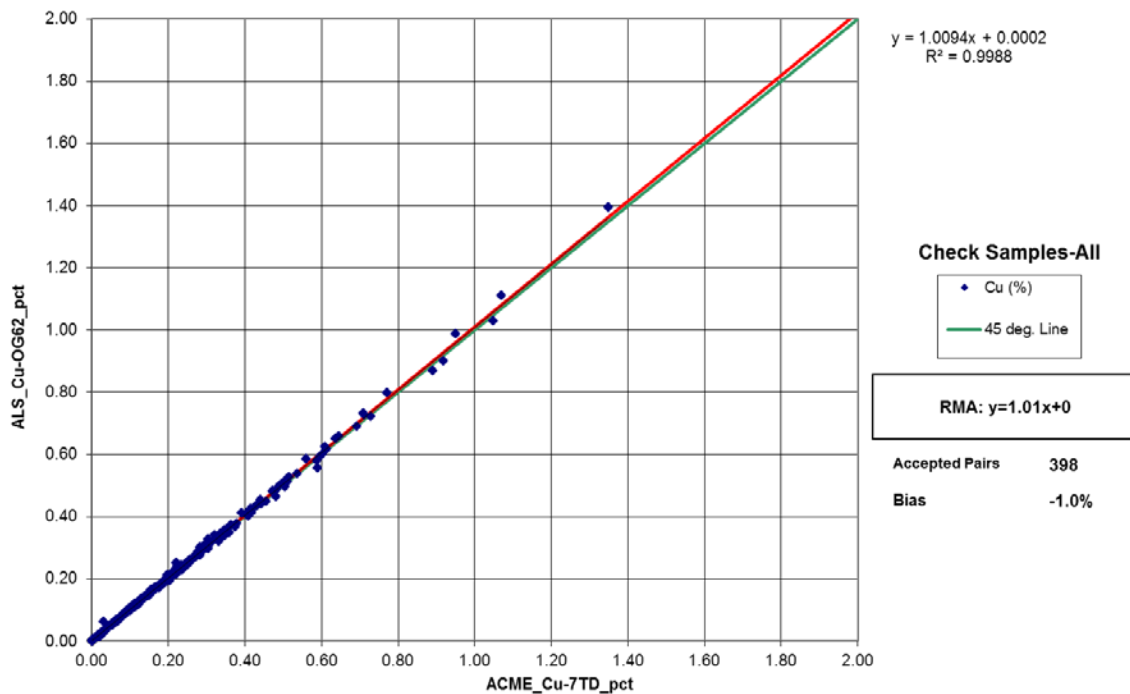




Check Assays (Acme vs. ALS)

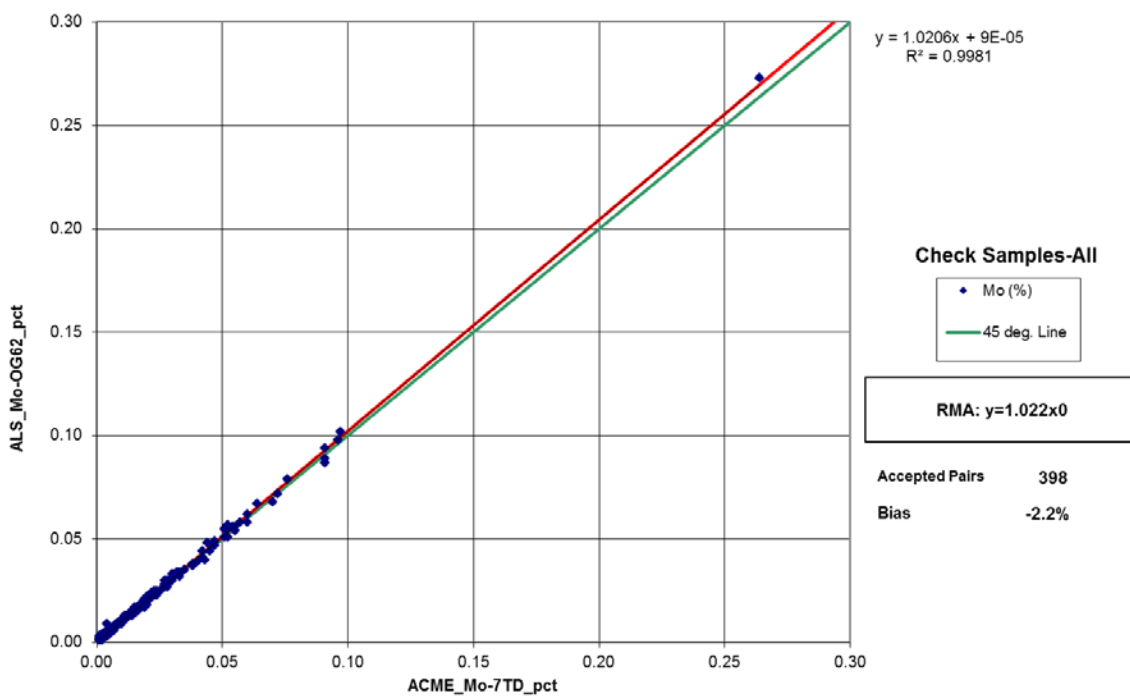
Reduction-to-Major Axis Plot-Check Samples / 2013 - Cu (%)

Schaft Creek / QA/QC Review



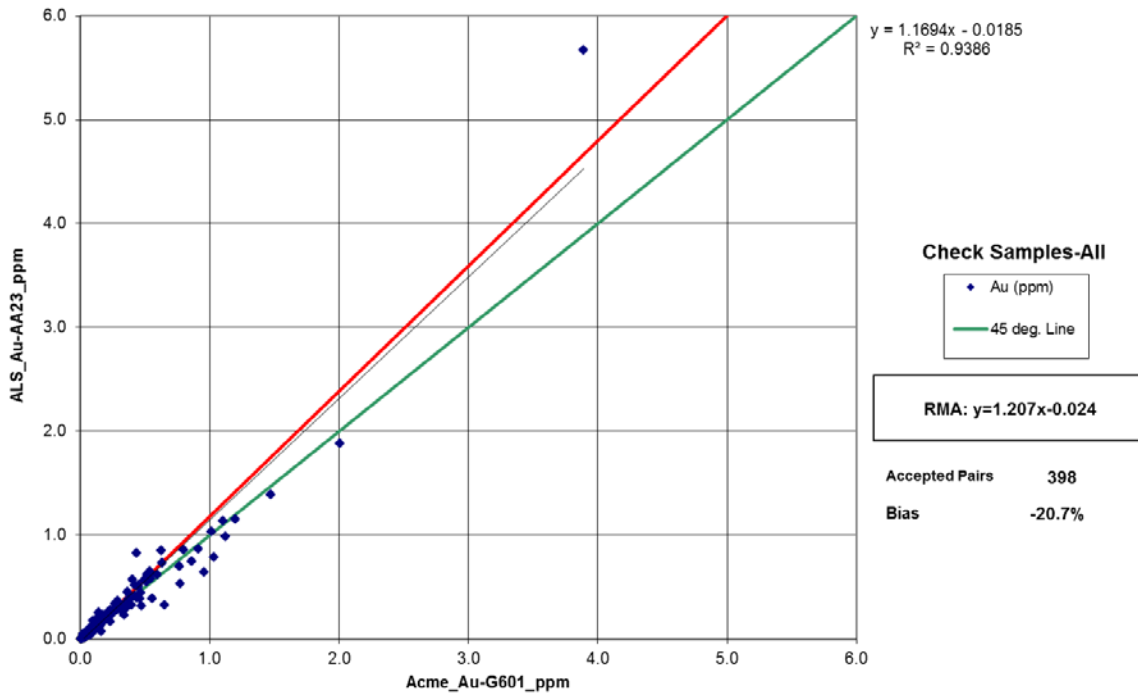
Reduction-to-Major Axis Plot-Check Samples / 2013 - Mo (%)

Schaft Creek / QA/QC Review



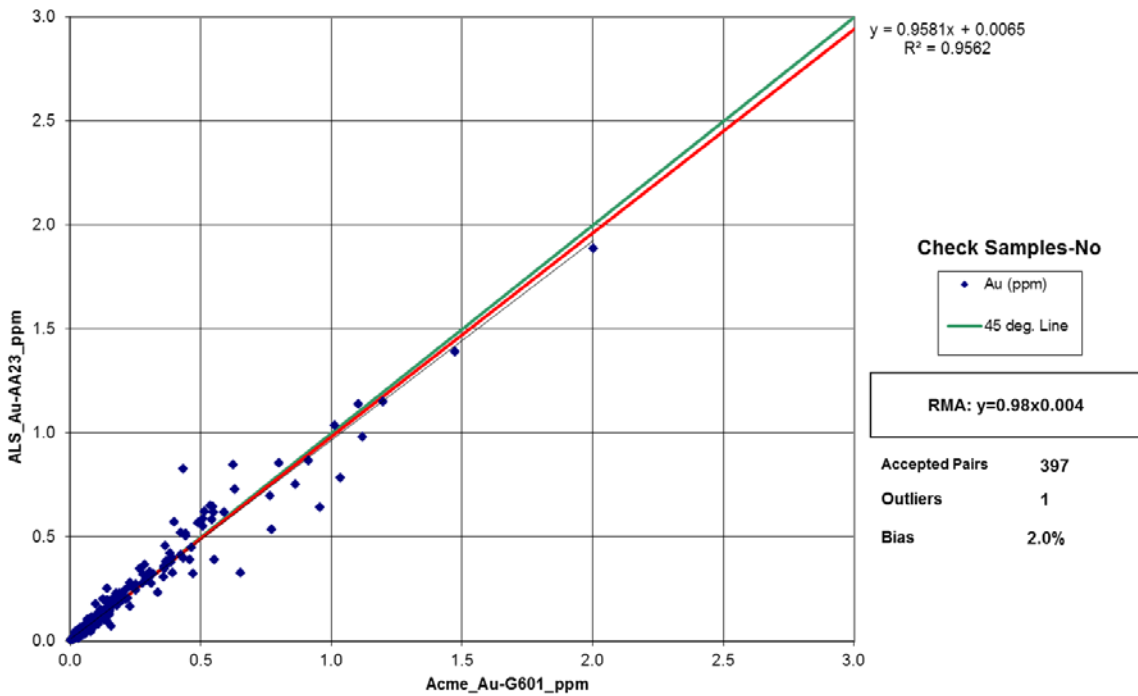
Reduction-to-Major Axis Plot-Check Samples / 2013 - Au (ppm)

Schaft Creek / QA/QC Review

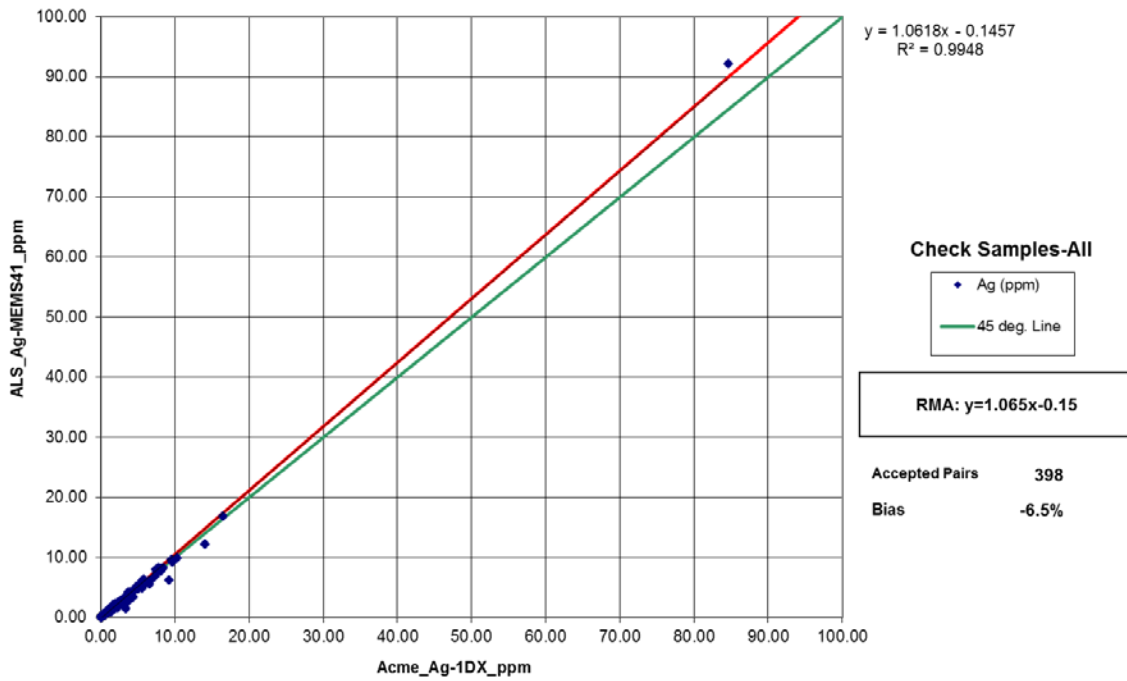


Reduction-to-Major Axis Plot-Check Samples / 2013 - Au (ppm) Outliers removed

Schaft Creek / QA/QC Review



Reduction-to-Major Axis Plot-Check Samples / 2013 - Ag (ppm) Schaft Creek / QA/QC Review



Reduction-to-Major Axis Plot-Check Samples / 2013 - Ag (ppm) Outliers removed Schaft Creek / QA/QC Review

