

PROSPECTING AND ROCK GEOCHEMISTRY REPORT

SUNRISE SURPRISE MINERAL CLAIMS

BC Geological Survey
Assessment Report
34828

FT. STEELE MINING DIVISION

SUNRISE CREEK AREA

SOUTHEAST BC

584,500 E 5,455,000 N

WORK PERFORMED SPRING 2013

OWNER: SEAN KENNEDY

OPERATOR: KOOTENAY SILVER INC.

VANCOUVER, BRITISH COLUMBIA

REPORT WRITTEN BY SEAN KENNEDY, PROSPECTOR

JUNE 2014

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	Sample Location Map
	Sample Location Map with Pb Plotted in ppm
	Prospecting Map

INTRODUCTION

During the field season of 2013 a small program consisting of prospecting and rock geochemistry was conducted on the Sunrise Surprise mineral claims in southeast BC. The purpose of the work was to evaluate the surface exposures on part of the claim block.

LOCATION AND ACCESS

The property is located 5.5 km south of the village of Moyie in southeast BC. Access is provided by the Sunrise Creek FSR which branches off of the main highway approximately 5 km south of Moyie.

PROPERTY

The property is wholly owned by Darlene Lavoie of Kimberley, BC and consists of four mineral title cells under tenure 1018996. Currently the property is funded under a first right of refusal to Kootenay Silver Inc.

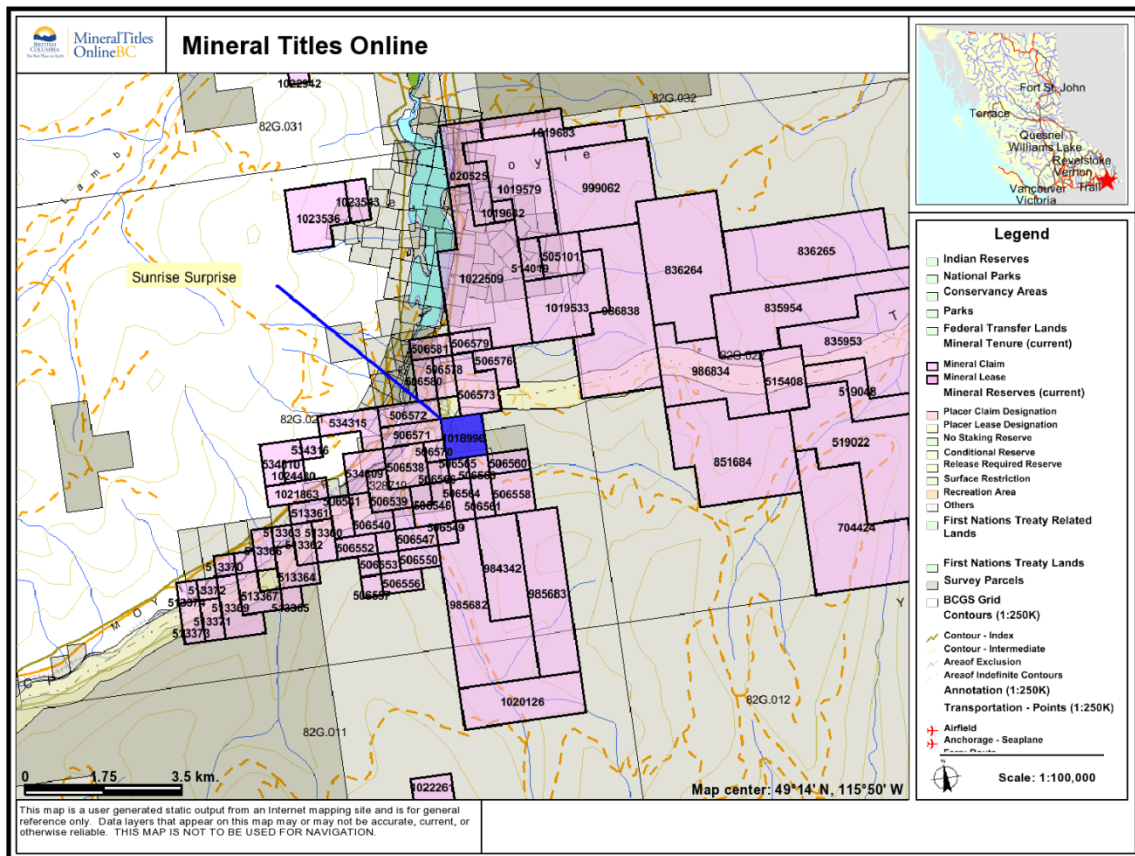


Figure 1. Claim Map

PHYSIOGRAPHY

The property is located along the low slopes above the Moyie River valley south of Moyie Lake. Topography is gentle in the area and consists of glaciated and rounded hills below tree line. Vegetation in the area is primarily comprised of open lodge pole pine stands at lower elevations with some spruce and cedar in wetter areas.

HISTORY

The area has been held in the past by a number of junior exploration companies, however documented work on the property has not been found. It appears that while the ground was held work was focused on targets outside of the current claim block.

PROPERTY GEOLOGY

The property is underlain by Middle Aldridge Fm sediments. The Middle Aldridge is a subdivision of the basinal member of the Belt-Purcell Supergroup, a large intracratonic basin located in parts of BC, Alberta, and the northwest USA. The Middle Aldridge is comprised of quartzitic wackes with lesser argillite and siltstone deposited by turbidite activity. These sediments have been intruded during deposition by gabbro-diorite sills and dykes (Moyie Intrusions). Basinal de-watering related to intrusion of the Moyie intrusives led to the development of hydrothermal vent fields which acted as important mineralizing systems in the region.

Structurally the property is located near the hinge zone of the Moyie Anticline, a northeast-plunging upright anticlinal structure.

PROSPECTING AND ROCK GEOCHEMISTRY

A total of five man days were spent on the property during the spring of 2013. Eleven samples were collected from the property and analyzed for a 36 element ICP. Prospecting was conducted during and in conjunction with the rock sampling program. A prospecting map, sample location map, sample location map with lead plotted in ppm as well as assay results, locations, and descriptions is included in the Appendix.

The major feature discovered during the program was a north northwest trending shear zone that dissects the property. Phyllitic quartz vein breccia with goethite, hematite, and iron carbonate associated with the shear was sampled but did not return anomalous values for base or precious metals. The shear was traced for over 400 meters along strike and appeared to be as wide as 10 meters at a zone of anastomizing quartz veins and sheared sediments. Local soft sediment deformation including rip-up beds was encountered within the shear indicating that it was likely an active structure during deposition.

Bedding parallel zones of disrupted beds and local conglomerate were found within the section, these may be associated with effusive sedimentary fragmental bodies in the area.

CONCLUSIONS AND RECOMMENDATIONS

During the spring of 2013 a small program of rock sampling and prospecting was completed on the Sunrise Surprise property in southeast BC. A north northwest trending shear zone was found and traced for over 400 meters. Low values for base and precious metals were returned from the program.

Further prospecting is warranted on the other areas of the property that were not evaluated during the 2013 program.

STATEMENT OF COSTS

Craig Kennedy, Prospector	April 30, May 1, 2013	2 days @ \$500/day (vehicle inclusive)	\$1000
Mike Kennedy, Prospector	April 30, May 2, 2013	2 days @ \$350/day	\$700
Sean Kennedy, Prospector	May 2, 2013	1 day @ \$500/day (vehicle inclusive)	\$500
Report Writing, Drafting, Admin.			\$1500
Rock Sampling		11 samples @ \$35/sample (freight included)	\$385
Total			\$4085

STATEMENT OF QUALIFICATIONS

I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 107 6h Ave, Kimberley, BC.
2. I have been actively prospecting in the throughout BC, Nevada, and Mexico for the past 18 years
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC.

APPENDIX

ROCK SAMPLE LOCATIONS AND DESCRIPTIONS

Sample ID	UTM E	UTM N	Description
MK13-39	584284	5454991	Bleached alt,seds with qtz,veins with lim and vugs,and iron stain.
MK13-40	584407	5454862	1 metre sized peices of qtzbreccia subcrop, with lim stain and vugs.
MK13-41	584409	5454859	2 metre sized peices of qtzbreccia subcrop, with lim stain and vugs.
CK13-140	584810	5454626	Silicified with aspy, lim, vugs, qtz crystals
CK13-141	584814	5454625	Qtz breccia with lim and live hem
CK13-142	584814	5454615	Lim altered sheered material
CK13-143	584812	5454622	30 cm wide chip sample
CK13-144	584813	5454627	Qtz float with vugs, qtz crystals and lim
CK13-145	584115	5455344	Qtz float with lim and py
SK13-8	584292	5454956	2 m wide zone of phyllitic bx and silicification, goethite, Mn, sericite, cleavage 350/80
SK13-9	584388	5454856	Same material in subcrop, goethite, hematite, phyllite, carbonate, qtz veins, bx



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PHONE (604) 253-3158

Client: **Kootenay Silver Inc.**
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 CANADA

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: May 13, 2013
Report Date: May 24, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN13001572.1

CLIENT JOB INFORMATION

Project: SUN RISE SURPRISE
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX3	5	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
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: **Kootenay Silver Inc.**
 Suite 1820 - 1055 W. Hastings St.
 Vancouver BC V6E 2E9 CANADA

Project: SUN RISE SURPRISE
 Report Date: May 24, 2013

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN13001572.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
MK13-37	Rock	0.40	1.4	280.3	11.2	186	1.5	79.5	35.3	1462	15.38	90.7	0.4	38.4	0.9	5	0.4	25.3	0.2	97	0.08
MK13-38	Rock	0.59	1.2	930.4	276.4	177	14.2	63.0	58.5	2767	18.37	195.9	0.4	121.5	1.3	5	0.5	350.0	0.9	64	0.09
MK13-39	Rock	0.41	0.5	15.5	20.8	34	<0.1	8.9	3.0	342	1.46	21.6	1.5	4.0	7.7	5	<0.1	5.2	0.2	6	0.02
MK13-40	Rock	0.63	0.2	7.5	1.5	23	<0.1	8.8	5.2	334	3.45	97.8	0.7	5.5	6.6	3	<0.1	0.8	<0.1	<2	<0.01
MK13-41	Rock	0.89	0.2	7.6	1.9	22	<0.1	6.7	3.2	223	2.52	139.7	1.3	16.0	9.4	4	<0.1	1.4	<0.1	2	0.02



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Page: 2 of 2

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CERTIFICATE OF ANALYSIS

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Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	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	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
MK13-37	Rock	0.037	16	13	0.54	37	0.002	3	1.46	0.009	0.17	<0.1	<0.01	23.1	<0.1	<0.05	5	0.5	<0.2
MK13-38	Rock	0.058	16	8	0.05	31	0.001	2	0.25	0.017	0.14	<0.1	0.01	27.8	<0.1	<0.05	<1	<0.5	<0.2
MK13-39	Rock	0.015	18	11	0.07	33	0.015	<1	0.39	0.016	0.11	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
MK13-40	Rock	0.018	26	7	<0.01	14	<0.001	<1	0.16	0.029	0.07	<0.1	<0.01	1.9	<0.1	<0.05	<1	<0.5	<0.2
MK13-41	Rock	0.017	36	6	0.01	18	<0.001	2	0.19	0.032	0.11	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2

QUALITY CONTROL REPORT

VAN13001572.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
MK13-41	Rock	0.89	0.2	7.6	1.9	22	<0.1	6.7	3.2	223	2.52	139.7	1.3	16.0	9.4	4	<0.1	1.4	<0.1	2	0.02
REP MK13-41	QC		0.3	8.0	2.0	23	<0.1	7.2	3.1	227	2.57	142.5	1.4	19.3	9.9	4	<0.1	1.4	<0.1	2	0.02
Reference Materials																					
STD DS9	Standard		12.8	103.7	123.4	298	1.8	37.8	7.6	577	2.32	24.8	2.9	104.8	7.3	77	2.3	5.9	7.1	42	0.73
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
BLK	Blank		<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.1	8.6	4.0	53	<0.1	2.3	3.3	572	1.74	0.8	1.9	2.6	5.4	56	<0.1	<0.1	0.2	33	0.41

QUALITY CONTROL REPORT

VAN13001572.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte	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	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
MK13-41	Rock	0.017	36	6	0.01	18	<0.001	2	0.19	0.032	0.11	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2
REP MK13-41	QC	0.019	36	6	0.01	19	<0.001	2	0.20	0.032	0.11	<0.1	<0.01	2.2	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD DS9	Standard	0.078	16	115	0.60	292	0.128	3	0.97	0.085	0.40	3.0	0.20	2.5	4.8	0.17	5	5.5	4.8
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.062	13	7	0.48	145	0.107	3	0.83	0.066	0.46	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: May 03, 2013
Report Date: May 10, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN13001473.1

CLIENT JOB INFORMATION

Project: SUNRISE
Shipment ID:
P.O. Number
Number of Samples: 17

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
CANADA

CC:



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CERTIFICATE OF ANALYSIS

VAN13001473.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
CK13 131	Rock	0.30	0.3	94.3	8.2	52	<0.1	12.8	11.6	69	5.01	2.4	1.6	2.9	10.5	7	<0.1	0.3	0.1	4	<0.01
CK13 132	Rock	0.34	0.9	139.9	31.5	132	<0.1	26.6	40.6	242	10.73	6.6	2.8	2.1	9.7	6	0.3	0.3	<0.1	7	<0.01
CK13 133	Rock	0.42	1.0	206.4	8.1	163	<0.1	39.9	57.7	253	14.36	4.0	3.4	6.8	14.5	4	0.2	0.3	0.2	5	<0.01
CK13 134	Rock	0.44	4.6	180.8	47.3	144	<0.1	28.2	95.7	334	10.78	15.5	6.6	6.1	20.1	8	0.3	1.2	0.1	15	0.01
CK13 135	Rock	0.63	5.2	193.3	19.5	167	<0.1	22.3	13.9	88	11.56	17.7	3.3	2.1	19.5	9	0.2	1.0	0.4	9	0.02
CK13 136	Rock	0.48	0.5	36.5	15.9	71	<0.1	16.3	9.2	55	8.34	5.1	1.8	1.7	12.5	15	0.2	0.3	0.1	12	0.01
CK13 137	Rock	0.59	0.4	14.1	5.6	8	<0.1	1.9	0.7	26	0.83	2.2	0.4	<0.5	1.6	3	<0.1	0.3	0.3	4	<0.01
CK13 138	Rock	0.24	1.8	22.5	18.3	26	<0.1	7.7	3.8	3479	18.11	10.2	0.9	1.8	4.8	4	0.3	0.5	0.1	6	0.01
CK13 139	Rock	0.38	1.9	28.3	7.7	198	<0.1	22.3	47.9	971	13.00	9.8	0.5	<0.5	4.2	59	0.2	0.2	<0.1	106	0.31
CK13 140	Rock	0.25	1.2	12.6	4.4	22	<0.1	11.3	8.1	449	2.10	2.6	1.3	<0.5	5.3	2	0.2	0.3	<0.1	2	<0.01
CK13 141	Rock	0.55	6.6	13.9	1.3	29	<0.1	12.5	21.4	1719	16.27	3.2	2.7	4.6	4.9	4	0.3	3.5	0.1	3	0.02
CK13 142	Rock	0.36	3.5	23.3	3.2	30	<0.1	6.3	1.9	175	5.44	9.2	2.1	5.0	8.1	3	0.1	5.2	0.5	2	0.01
CK13 143	Rock	0.44	1.0	13.4	29.8	25	<0.1	4.9	4.9	141	1.23	21.2	1.1	1.3	10.3	4	<0.1	0.6	0.2	4	0.02
CK13 144	Rock	0.44	7.9	6.0	1.1	27	<0.1	12.4	17.8	1845	16.12	2.9	3.3	4.7	5.2	3	0.3	0.6	0.2	3	0.02
CK13 145	Rock	0.66	1.7	18.7	26.2	68	<0.1	32.7	11.3	1398	13.01	3.3	1.0	8.9	1.1	24	0.2	0.4	<0.1	9	0.02
CK13 146	Rock	0.46	1.1	9.3	11.0	10	<0.1	2.8	1.8	61	1.22	1.5	0.4	4.2	1.4	5	<0.1	0.2	<0.1	<2	<0.01
CK13 147	Rock	0.53	1.0	72.7	31.8	695	<0.1	19.4	13.5	334	2.64	16.4	1.3	2.1	9.2	45	5.3	0.6	0.1	18	0.20

CERTIFICATE OF ANALYSIS

VAN13001473.1

Method	Analyte	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		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	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
CK13 131	Rock	0.040	4	4	<0.01	21	0.012	1	0.41	0.012	0.05	<0.1	<0.01	1.3	0.1	<0.05	<1	<0.5	<0.2
CK13 132	Rock	0.110	14	4	<0.01	25	0.002	2	0.36	<0.001	0.02	<0.1	0.01	1.3	0.2	<0.05	<1	<0.5	<0.2
CK13 133	Rock	0.089	4	4	0.02	20	0.006	<1	0.63	0.007	0.06	<0.1	0.01	1.6	0.3	<0.05	<1	<0.5	<0.2
CK13 134	Rock	0.124	20	9	0.01	22	0.011	<1	0.76	0.004	0.07	<0.1	0.02	6.4	0.6	<0.05	<1	1.2	<0.2
CK13 135	Rock	0.083	9	11	0.03	56	0.006	1	0.98	0.005	0.17	<0.1	0.01	2.9	0.2	<0.05	2	<0.5	<0.2
CK13 136	Rock	0.050	11	5	0.02	34	0.009	1	0.77	0.018	0.09	<0.1	<0.01	3.2	0.1	<0.05	2	<0.5	<0.2
CK13 137	Rock	0.006	3	4	<0.01	7	0.005	<1	0.20	0.001	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
CK13 138	Rock	0.046	22	3	<0.01	10	0.004	<1	0.19	0.001	0.02	<0.1	<0.01	3.9	<0.1	<0.05	<1	<0.5	<0.2
CK13 139	Rock	0.264	42	2	1.77	67	0.036	<1	4.09	0.019	0.10	<0.1	0.01	18.0	0.4	<0.05	21	<0.5	<0.2
CK13 140	Rock	0.016	20	3	0.02	21	0.002	2	0.28	0.030	0.15	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2
CK13 141	Rock	0.022	11	2	0.02	31	0.001	<1	0.37	0.007	0.16	<0.1	<0.01	5.3	<0.1	<0.05	<1	0.6	<0.2
CK13 142	Rock	0.035	25	2	0.03	25	0.001	<1	0.48	0.022	0.15	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
CK13 143	Rock	0.015	33	4	0.05	35	0.002	2	0.55	0.018	0.24	<0.1	<0.01	1.2	0.1	<0.05	1	<0.5	<0.2
CK13 144	Rock	0.030	11	1	0.02	28	<0.001	<1	0.35	0.009	0.16	<0.1	<0.01	6.1	0.2	<0.05	<1	0.5	<0.2
CK13 145	Rock	0.006	23	3	0.15	24	0.011	<1	0.38	0.005	0.09	<0.1	0.01	5.7	0.1	<0.05	1	<0.5	<0.2
CK13 146	Rock	0.011	10	3	<0.01	3	<0.001	<1	0.09	0.029	0.02	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
CK13 147	Rock	0.040	18	20	0.96	72	0.063	<1	1.37	0.073	0.88	<0.1	<0.01	2.1	0.5	0.51	4	<0.5	<0.2

QUALITY CONTROL REPORT

VAN13001473.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Core Reject Duplicates																					
CK13 131	Rock	0.30	0.3	94.3	8.2	52	<0.1	12.8	11.6	69	5.01	2.4	1.6	2.9	10.5	7	<0.1	0.3	0.1	4	<0.01
DUP CK13 131	QC		0.5	85.4	7.4	50	<0.1	12.8	11.1	64	4.70	2.4	1.6	4.0	10.2	6	<0.1	0.3	<0.1	3	<0.01
Reference Materials																					
STD DS9	Standard		12.1	102.5	126.1	305	1.7	37.7	7.1	557	2.23	25.6	2.6	126.1	6.4	75	2.9	5.9	6.3	40	0.71
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
BLK	Blank		<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.1	2.2	2.9	40	<0.1	2.1	3.5	511	1.76	<0.5	2.0	2.9	5.6	55	<0.1	<0.1	<0.1	35	0.42
G1	Prep Blank		<0.1	2.7	2.8	43	<0.1	2.4	4.3	547	1.84	<0.5	1.5	3.4	4.8	52	<0.1	<0.1	<0.1	36	0.48

QUALITY CONTROL REPORT

VAN13001473.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte		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	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Core Reject Duplicates																				
CK13 131	Rock	0.040	4	4	<0.01	21	0.012	1	0.41	0.012	0.05	<0.1	<0.01	1.3	0.1	<0.05	<1	<0.5	<0.2	
DUP CK13 131	QC	0.036	4	4	<0.01	13	0.007	1	0.34	0.008	0.04	<0.1	<0.01	1.0	0.1	<0.05	<1	<0.5	<0.2	
Reference Materials																				
STD DS9	Standard	0.082	14	113	0.61	299	0.110	3	0.95	0.088	0.39	2.8	0.19	2.2	5.1	0.16	5	6.2	5.0	
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																				
G1	Prep Blank	0.070	12	4	0.50	152	0.097	1	0.83	0.069	0.48	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.076	11	4	0.51	150	0.098	2	0.89	0.086	0.51	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2	



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

Client: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 CANADA

Submitted By: Email Distribution List - Soil & Rock
Receiving Lab: Canada-Vancouver
Received: May 23, 2013
Report Date: June 15, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN13001725.1

CLIENT JOB INFORMATION

Project: SUNRISE
Shipment ID:
P.O. Number
Number of Samples: 3

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9
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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Acme Analytical Laboratories (Vancouver) Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Kootenay Silver Inc.**
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 CANADA

Project: SUNRISE
Report Date: June 15, 2013

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN13001725.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
SK13-7	Rock	0.39	2.4	55.0	31.3	61	<0.1	10.0	4.4	566	7.13	0.9	0.9	0.9	9.1	8	<0.1	1.2	0.1	6	0.03
SK13-8	Rock	0.77	0.3	5.6	9.3	27	<0.1	5.6	2.9	124	1.45	9.7	0.7	1.6	6.8	5	<0.1	1.9	0.4	2	0.02
SK13-9	Rock	0.60	0.9	10.8	17.0	73	<0.1	33.5	20.7	1574	6.97	81.0	1.6	6.9	9.5	5	0.2	1.4	0.2	3	0.02



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Client: Kootenay Silver Inc.
Suite 1820 - 1055 W. Hastings St.
Vancouver BC V6E 2E9 CANADA

Project: SUNRISE
Report Date: June 15, 2013

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN13001725.1

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	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	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
SK13-7	Rock	0.048	15	6	0.15	44	0.002	2	0.59	0.009	0.33	<0.1	<0.01	4.4	0.1	<0.05	1	<0.5	<0.2
SK13-8	Rock	0.013	28	3	0.02	20	0.001	2	0.25	0.026	0.14	<0.1	<0.01	1.7	0.2	<0.05	<1	<0.5	<0.2
SK13-9	Rock	0.028	32	3	<0.01	30	<0.001	2	0.30	0.016	0.09	<0.1	<0.01	3.4	<0.1	<0.05	<1	0.7	<0.2

QUALITY CONTROL REPORT

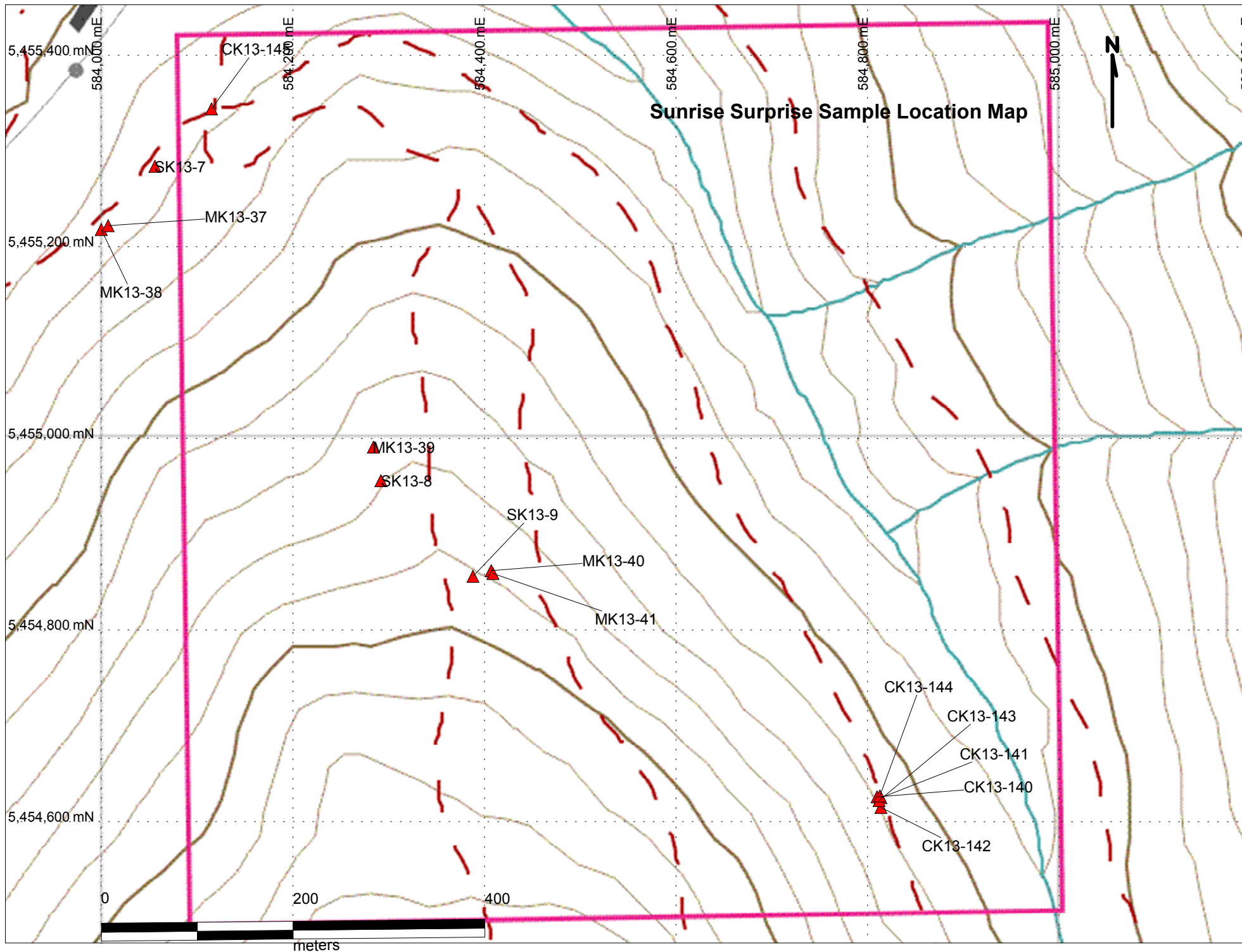
VAN13001725.1

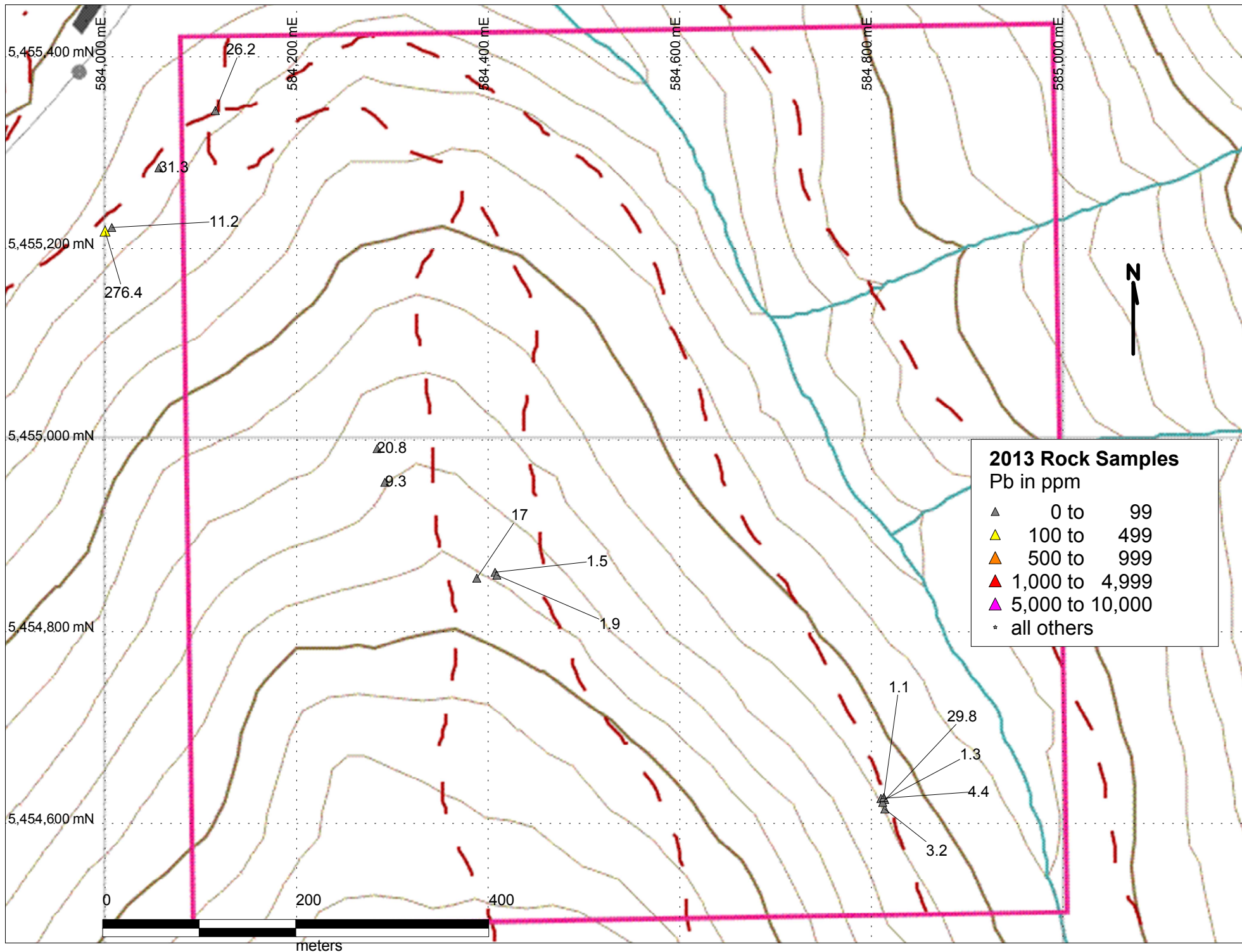
Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
SK13-9	Rock	0.60	0.9	10.8	17.0	73	<0.1	33.5	20.7	1574	6.97	81.0	1.6	6.9	9.5	5	0.2	1.4	0.2	3	0.02
REP SK13-9	QC		0.8	10.5	16.5	70	<0.1	33.7	19.7	1559	6.90	78.8	1.6	7.4	9.6	5	0.2	1.4	0.1	3	0.02
Reference Materials																					
STD DS9	Standard		12.7	103.0	121.4	299	1.6	37.5	7.4	571	2.26	25.9	2.6	103.6	6.0	77	2.2	6.4	7.1	40	0.70
STD OXC109	Standard		1.5	36.3	10.8	40	<0.1	74.6	19.4	395	2.85	0.8	0.6	197.1	1.5	151	<0.1	<0.1	<0.1	48	0.65
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD OXC109 Expected														201							
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	1	<0.01	0.9	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.1	2.6	5.0	36	<0.1	2.5	3.4	520	1.73	1.9	2.0	1.0	5.4	58	<0.1	0.5	<0.1	33	0.42

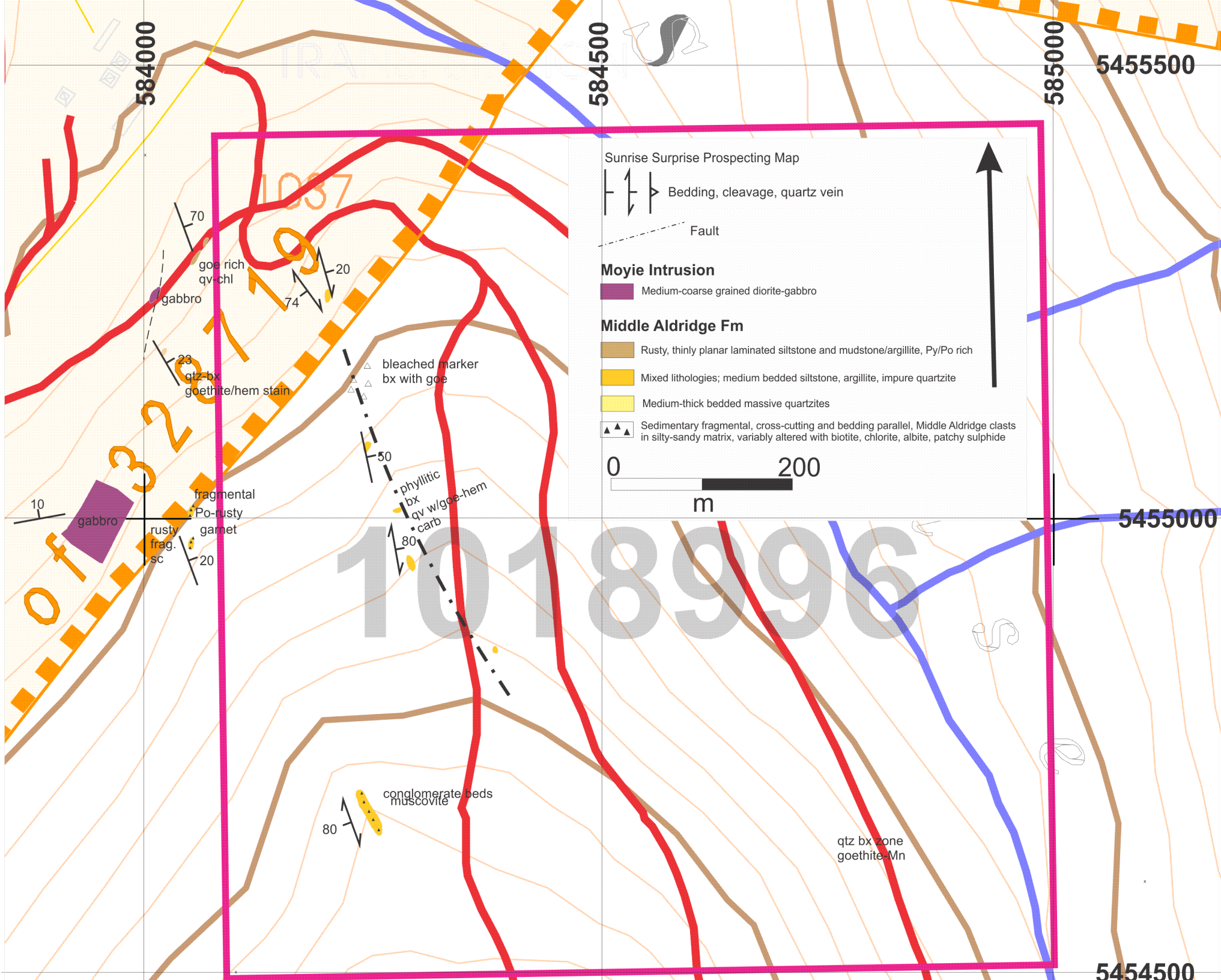
QUALITY CONTROL REPORT

VAN13001725.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		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
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
SK13-9	Rock	0.028	32	3	<0.01	30	<0.001	2	0.30	0.016	0.09	<0.1	<0.01	3.4	<0.1	<0.05	<1	0.7	<0.2
REP SK13-9	QC	0.030	32	2	<0.01	30	0.001	2	0.31	0.016	0.09	<0.1	<0.01	3.4	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD DS9	Standard	0.082	13	118	0.60	289	0.105	2	0.93	0.077	0.40	2.6	0.19	2.4	4.7	0.16	4	5.0	5.2
STD OXC109	Standard	0.107	12	60	1.46	54	0.383	2	1.51	0.700	0.42	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD OXC109 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.068	11	5	0.44	148	0.093	1	0.82	0.077	0.44	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2







Sunrise Surprise Prospecting Map

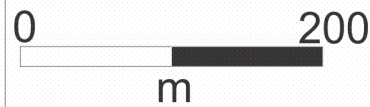
- Bedding, cleavage, quartz vein
- Fault

Moyie Intrusion

- Medium-coarse grained diorite-gabbro

Middle Aldridge Fm

- Rusty, thinly planar laminated siltstone and mudstone/argillite, Py/Po rich
- Mixed lithologies; medium bedded siltstone, argillite, impure quartzite
- Medium-thick bedded massive quartzites
- Sedimentary fragmental, cross-cutting and bedding parallel, Middle Aldridge clasts in silty-sandy matrix, variably altered with biotite, chlorite, albite, patchy sulphide



584000

584500

585000

5455500

5455000

5454500

70
goe rich
qv-chl
gabbro
74
20
23
qtz-bx
goethite/hem stain

10
gabbro
rusty
frag.
sc
20
fragmental
Po-rusty
garnet

bleached marker
bx with goe

50
80
phylitic
bx
qv w/goe-hem
carb

80
conglomerate beds
muscovite

qtz bx zone
goethite-Mn

1037
199
32
3

1018996



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Prospecting and Rock Geochemistry Report

TOTAL COST:\$4085.00

AUTHOR(S):Sean Kennedy
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):5502025

YEAR OF WORK:2013

PROPERTY NAME: Sunrise Surprise

CLAIM NAME(S) (on which work was done): 1018996

COMMODITIES SOUGHT: Pb-Zn-Ag

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Ft. Steele

NTS / BCGS: 82g 021

LATITUDE: _____ ° _____ ' _____ "

LONGITUDE: _____ ° _____ ' _____ " (at centre of work)

UTM Zone: 11 EASTING: 584500 NORTHING:5455000

OWNER(S):Darlene Lavoie

MAILING ADDRESS:2290 DeWolfe Ave, Kimberley BC, V1A 1P5

OPERATOR(S) [who paid for the work]:Kootenay Silver Inc

MAILING ADDRESS:

Suite 1820 - 1055 W. Hastings St. Vancouver, British Columbia

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**) Middle Aldridge Fm quartzites and argillites cut by a phyllitic shear zone.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	11	all	\$385
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)	1, 5000 1 x 1 km	All	\$2200
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other Drafting, report, Amin.			\$1500
		TOTAL COST	\$4085