

**ASSESSMENT REPORT**

(Event # 5301592)

describing

**PROSPECTING**

on the

**SILT CLAIMS**

(Tenure # 854335)

**Kamloops Mining Division**

NTS: 104M/13

UTM: 8 V 470248 6641184 (NAD 83)

Claim owner: Bradley S. Wilson

by

Bradley S. Wilson

July, 2012.

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## **INTRODUCTION**

The SILT Claims are located in northwestern British Columbia (Figure 1) and consists of one nine-unit tenure that covers an area underlain by geology that's prospective for porphyry-style molybdenum deposits. Claims to the north cover known Mo mineralization.

This report describes the results of field work conducted during period between June 27, 2011 and July 10, 2011. The work was done by a one person crew and consisted of prospecting and rock sampling. Numerous traverses were made by the author on the northern and lower parts of the claim. The upper parts of the claim were still partly covered in snow during this field program. The author of this report is the owner of these claims and his Statement of Qualifications appear in Appendix I. The statement of Costs for this work is in Appendix II.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The Silt Claim is located in northwestern British Columbia on NTS map sheet 104M/13 (Figure 1). The property is comprised of one nine-unit mineral tenure covering a total of 146.14 hectares. The tenure is registered in the name of Bradley S. Wilson. Data pertaining to this mineral tenure is listed below and its detailed location is shown on Figure 2.

<b><u>Claim Name</u></b>	<b><u>Tenure #</u></b>	<b><u>Area (Hectares)</u></b>	<b><u>Old Expiry Date</u></b>	<b><u>New Expiry Date *</u></b>
SILT	854335	146.14	May 10, 2012	March 29, 2018

\*New Expiry Date includes credit for assessment work described in this report.

Most of the property is lies at an elevation of over 1500 metres and is located approximately 110 kilometres west-northwest of Atlin, BC and 95 kilometres south-southwest of Whitehorse, Yukon. The nearest road is the paved road that goes through BC from Carcross, Yukon to Skagway, Alaska. The terrain between this road and the claim is extremely rugged.

Access to the claim is best provided by helicopter from Whitehorse, Yukon or by float plane to a small lake, less than a kilometre from the claim. This lake is rocky and short and the valley often has crosswinds making safe landings challenging. For this project in 2011 a small flat plane (Cessna 185) was used to establish camp. The pilot insisted on using a larger float plane (Beaver) for the return trip and only if the weather was calm. A helicopter was to be called if the weather was at all rough. In the future, access would be best gained using a helicopter.

## **GEOMORPHOLOGY**

The property is situated in rugged alpine terrain, above the local tree line, within the Boundary Ranges of the Coast Mountains. The tenure lies on the north-northeast facing side of a U-shaped valley that drains both to the west, into the Silt River valley, and eastward into the Partridge River valley. Elevations on the property range from 1500 m to just over 2000 m above sea level.

The property shows abundant evidence of recent glaciation. U-shaped valleys, hanging valleys and cirques are present throughout the local region. There appears to be permanent snow cover on part of the property and glaciers are found hundreds of metres south on the same ridge as the claim. Small glaciers are found kilometers away on ridges to the north and south and massive ice fields lie about 10 kilometres to the southwest. Outcrop is plentiful on ridge crests and steep slopes. Elsewhere the ground is covered by angular talus (locally quite thick) and a thin covering of till. Vegetation is sparse to absent over most of the claim.

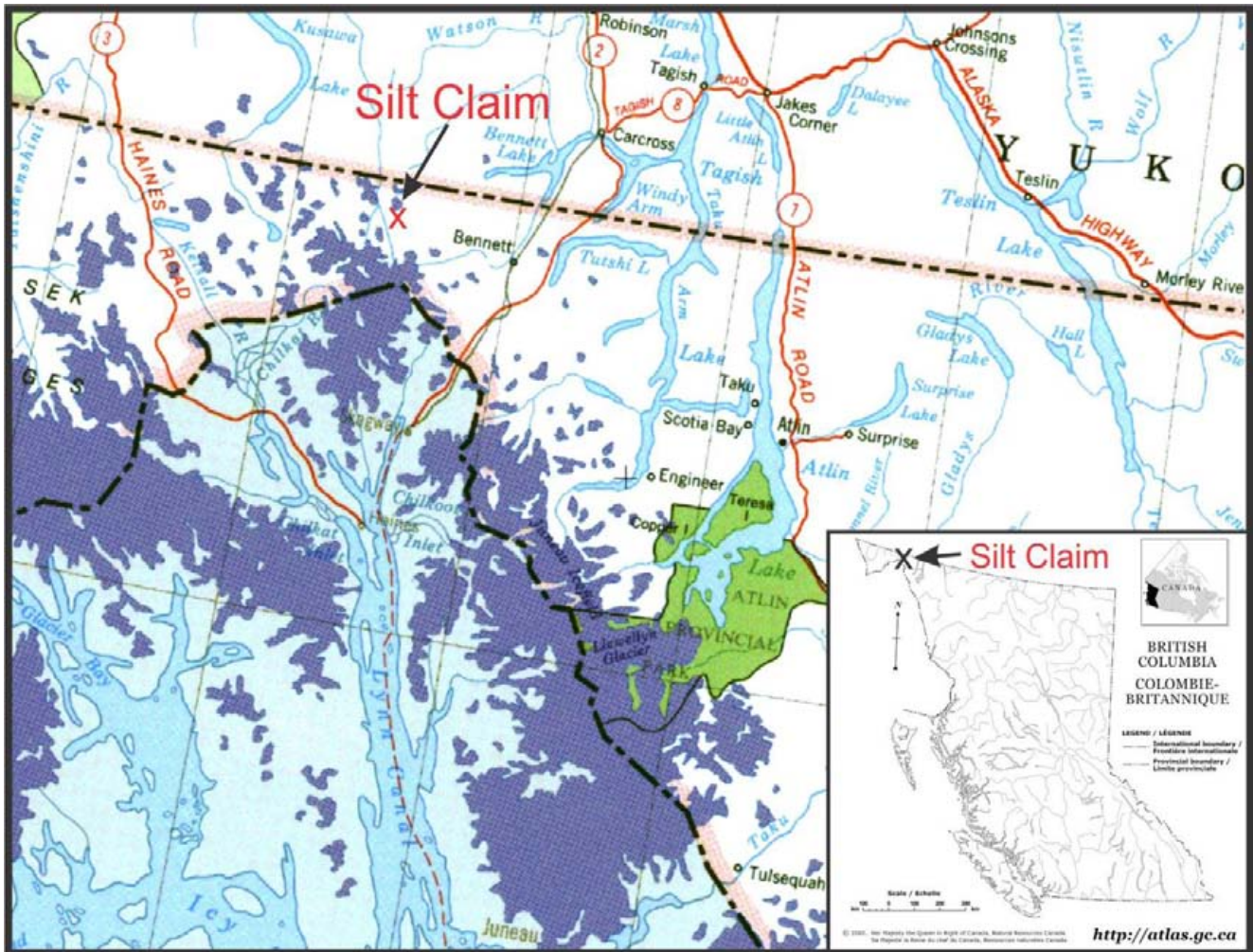


FIGURE 1; Map showing the general location of the SILT Claim (Tenure 854335).

## **REGIONAL GEOLOGY**

The regional geology has been summarized from Christie (1957) and Mihalynuk (1999).

The Silt Claim is underlain by the Coast Intrusions, which Christie (1957) indicates is Mid- to Late Cretaceous to Tertiary in age and consists of multiple intrusive bodies. Compositionally the intrusions are medium- to coarse-grained biotite granodiorite, slightly foliated biotite-hornblende granodiorite and quartz diorite. Another intrusion type that lies within the Coast Intrusions identified by Christie (1957)

is a leucocratic, vuggy, brown weathering granite; this is what underlies the Silt Claim. More recently Mihalynuk (1999), who's mapping covered only the eastern portion of what Christie mapped, refers to the intrusions Christie calls "Coast Intrusions" as the "Coast Plutonic Complex". More recent age dating by Mihalynuk (1999) has yielded a Mid- to Late-Cretaceous age for these intrusions, which agrees well with Christie (1957). Mihalynuk (1999) identifies a number of additional intrusions in the area, including the nearby Mount McAuley pluton, as Eocene in age. It's conceivable that Christie's leucocratic, brown weathering granite pluton, which underlies the claim, is also Eocene in age.

These plutonic rocks occur for 10 kilometres or more in all directions from the claim, with the one exception of a small roof pendant consisting of pre-Permian aged metamorphic rocks (chlorite schist and feldspar-chlorite gneiss).

Very few mineral showings are known in this region. About 8 kilometres to the north-northwest are several showings of molybdenite and about 8 kilometres to the north-northeast is a minor tungsten showing. Nevertheless the author believes this region to have untapped potential for porphyry-style Mo-W deposits.

## **PROPERTY GEOLOGY & MINERALIZATION**

The property appears to be underlain entirely by granitic intrusions. The most common rock type identified in the field is an orange weathering, coarse-grained biotite granite. This intrusive has miarolitic cavities rarely up to several tens of centimeters across; usually they are much smaller. Also present are very coarse-grained pegmatitic zones or pods within the intrusive up to a metre across. The cavities and pegmatitic zones are rare and appear to have a random distribution. The presence of miarolitic cavities indicates that this is a relatively high level intrusive. Another distinctive intrusive likely crops out at higher elevations as many boulders were found in the talus but never in outcrop the author traversed over. This intrusive appears to be a medium-grained, miarolitic, biotite granite. What is so distinctive is the volume of miarolitic cavities it contains. By volume the cavities make up about 5% of the rock. Cavities range in size up to 2 centimetres, but are typically 2 to 10 millimetres across and are lined with tiny euhedral quartz, potassium-feldspar and biotite.

In the northwestern part of the claim, where the author spent most of his time, several vein-like features were found (Figure 2). These structures appear to be zones of alteration around a central quartz vein, which is likely why they don't appear to have well defined outer contacts. These are likely greissen or greissen-like veins. Veins are about 0.8 metres wide and can be seen in outcrop over a distance of tens of metres. There appears to be at least two of these veins, but the boulders covering much of the outcrop make this determination difficult. The structures themselves possess a central quartz vein, sometimes vuggy, only centimetres wide, surrounded by a symmetrical dark gray to black zone, likely some kind of alteration zone. The dark zone appears texturally similar to the surrounding granite with the main difference being that the feldspars have likely been replaced by a dark micaceous mineral, possibly chlorite (?). Four of the eight samples submitted for analysis were taken from these possible greissen veins.

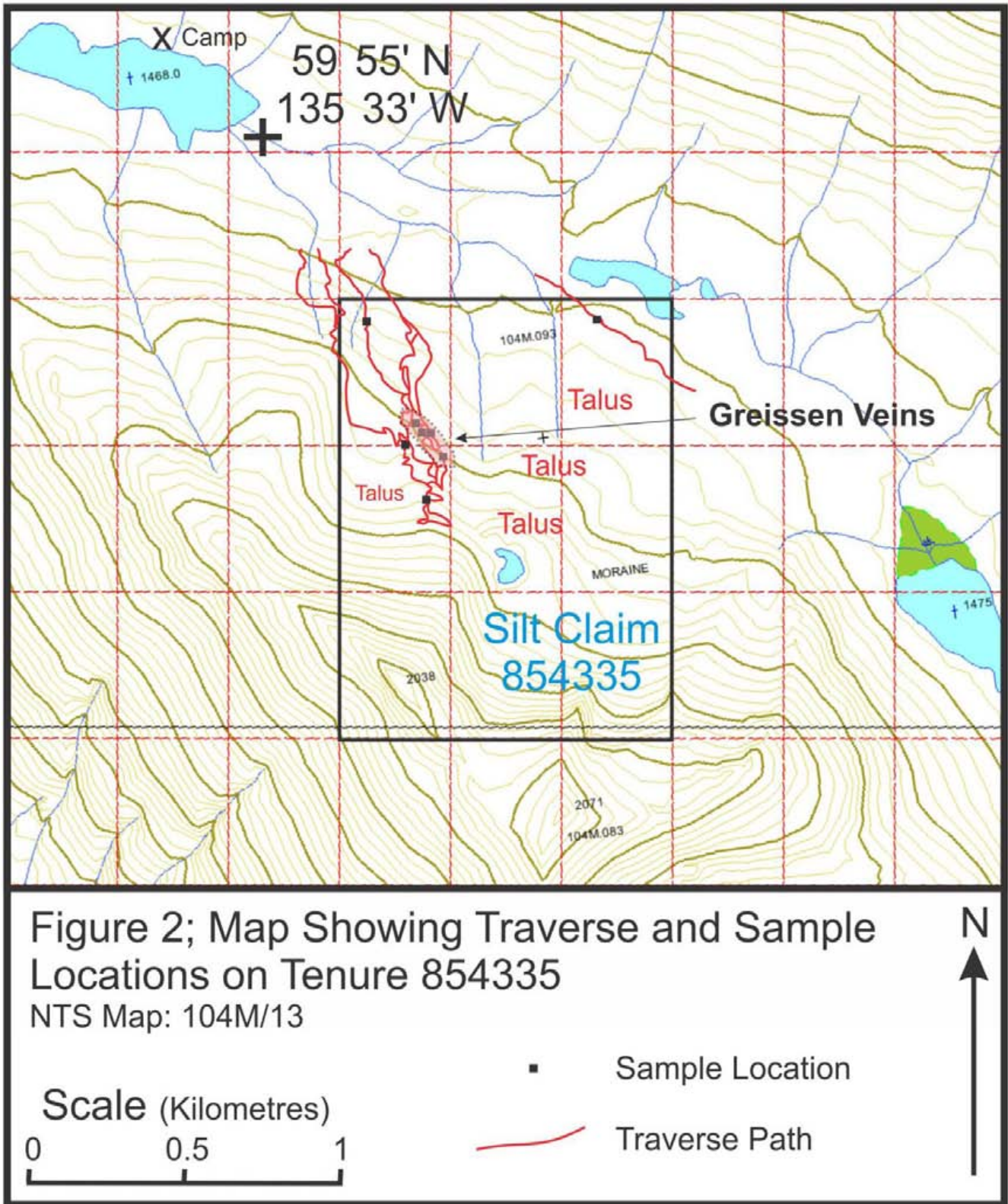


FIGURE 2; Detailed map showing Tenure locations, traverse paths, sample locations and area of possible greissen veining.

## SAMPLES COLLECTED

A total of eight rock samples were collected from the property and submitted to Acme Labs in Vancouver for chemical analysis. Figure 3 shows where each sample was collected. Full analytical results are listed in Appendix III Highlights are listed below.

ACME ANALYTICAL LABORATORIES LTD.

Client: Wilson Brad

Job #: VAN12000323

Project: FOSTER

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	Wgt	Mo	Cu	Pb	Zn	W	Sn	Be	Ag	Li	Ca	Bi	Sr	Ba	
Unit	KG	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPB	PPM	%	PPM	PPM	PPM	
MDL	0.01	0.05	0.02	0.02	0.2	0.1	0.1	1	20	0.1	0.02	0.04	1	1	
Sample	Type														
MF-010	Rock	0.65	5.45	1.39	27.19	46.7	7.2	2	2	<20	19.2	<0.02	<0.04	9	217
MF-012	Rock	0.91	0.77	2.17	33.82	122	5.2	4.4	2	42	30.5	0.17	0.39	3	19
MF-014	Rock	0.49	1.05	2.55	29.78	3560.2	12.3	15.9	927	67	74	0.11	4.27	3	15
MF-016	Rock	0.7	4.94	5.06	13.87	270.2	13.3	65.7	5	219	285	<0.02	3.57	1	12
MF-023	Rock	0.61	9.2	48.67	128.72	5911.3	115	25.8	2	2413	164	0.04	119	<1	7
MF-033	Rock	0.89	15.4	5.95	258.59	757.8	14.4	141	2	2894	208	0.75	102	12	46
MF-035	Rock	1.21	4.43	77.37	156.2	1948.5	11	38.5	2	338	347	0.03	177	<1	17
SP-060	Rock	0.87	0.13	11.32	8.2	29.2	6.6	221	16	506	45.6	23.2	4.64	266	455

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Mn	Fe	U	Th	Cd	Sb	Na	K	Zr	Ce	Nd	
Unit	KG	PPM	%	PPM	PPM	PPM	PPM	%	%	PPM	PPM	PPM	
MDL	0.01	2	0.02	0.1	0.1	0.02	0.02	0.002	0.02	0.2	0.02	0.1	
Sample	Type												
MF-010	Rock	0.65	80	0.8	11.7	27.8	<0.02	0.64	0.098	3.12	47.3	49.66	21.7
MF-012	Rock	0.91	243	0.86	24.7	98.7	0.1	0.08	2.956	2.78	219.3	54.18	29.7
MF-014	Rock	0.49	3182	1.37	23	62.6	0.07	0.07	2.759	2.48	178.7	49.44	20
MF-016	Rock	0.7	949	2.3	25.9	70.4	0.19	0.36	0.068	2.3	114.2	20.62	24.3
MF-023	Rock	0.61	2262	3.09	13.3	39.6	11.99	0.17	0.018	0.68	100.2	38.53	15.1
MF-033	Rock	0.89	7465	6.69	16.9	39.2	1.12	0.21	0.019	1.37	91.4	46.82	23.9
MF-035	Rock	1.21	2108	4.59	15.9	43.9	1.16	0.29	0.017	1.17	96.6	49.52	26.1
SP-060	Rock	0.87	114	0.69	0.8	1	0.09	2.48	1.805	2.93	12.5	4.44	1.6

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte	Wgt	Sm	Gd	Tb	Dy	Er	Yb	Hf	Rb	Ta	Nb	Cs	
Unit	KG	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
MDL	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.04	0.1	
Sample	Type												
MF-010	Rock	0.65	5	4.2	0.9	5.3	3.5	3.2	2.75	138.2	1.4	20.4	1.5
MF-012	Rock	0.91	8.9	10.6	2	12.5	8.9	10.5	12.93	254.5	3.5	82.99	5
MF-014	Rock	0.49	7.2	8.3	1.8	12	8.7	12	21.51	301.9	8.2	66.95	10.1
MF-016	Rock	0.7	8.5	11.5	2.4	14.8	9.4	8.8	7.73	509.4	3.8	80.2	13.3
MF-023	Rock	0.61	4.3	3.4	0.7	4	3	3.9	5.77	215.1	0.2	17.65	12.2
MF-033	Rock	0.89	7	7	1.4	9.1	5.9	5.7	5.85	355.4	2.5	38.41	21.7
MF-035	Rock	1.21	7.2	7.8	1.4	8.1	5.5	5.1	5.4	330.1	1.2	24.82	29.5
SP-060	Rock	0.87	0.4	0.5	0.1	0.6	0.3	0.3	0.56	425	0.2	5.14	21.6

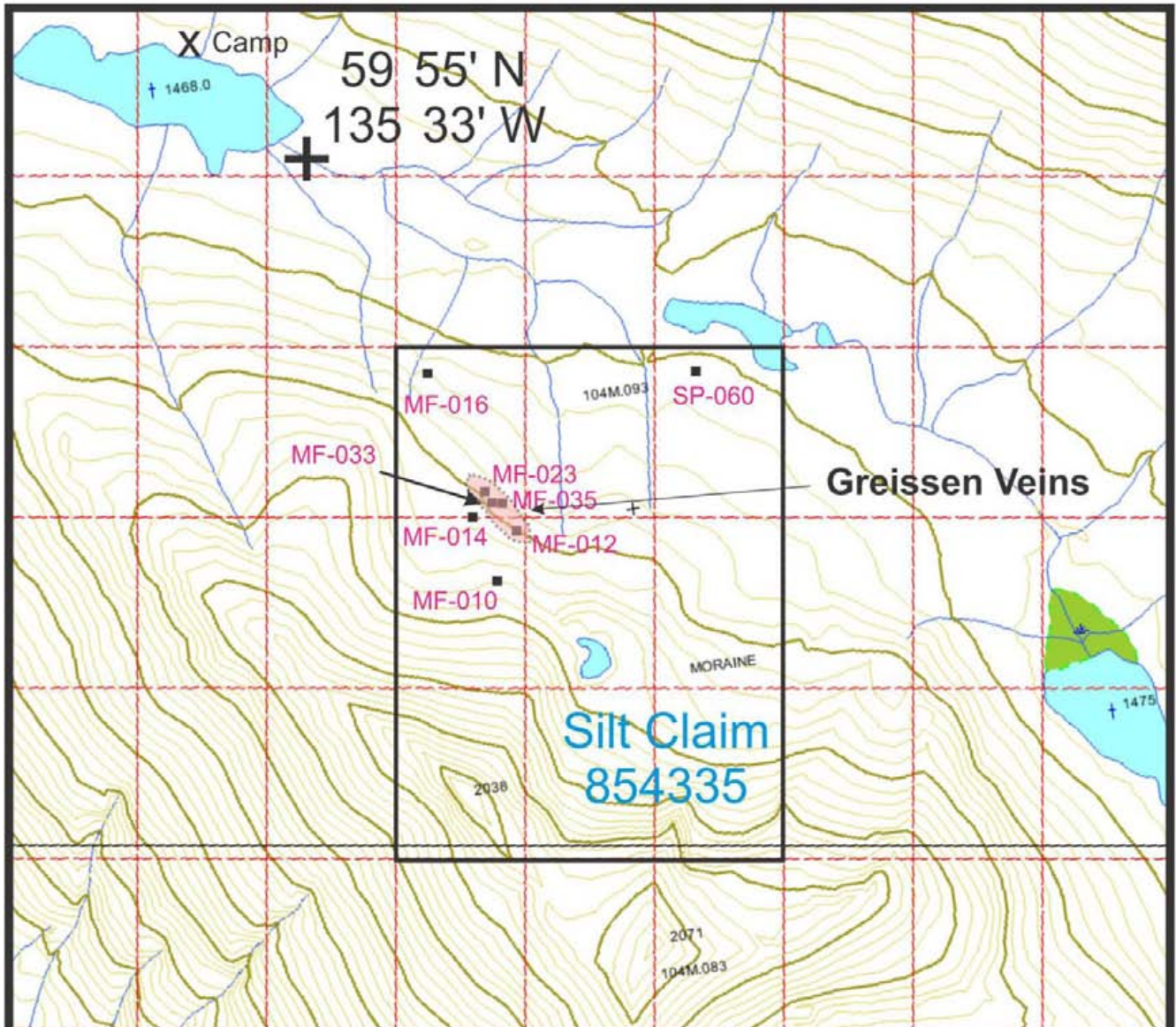
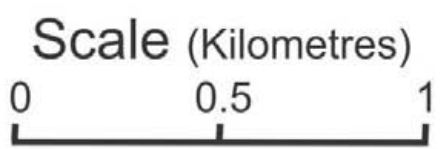


Figure 3; Map Showing Sample Locations and Sample Numbers on Tenure 854335

NTS Map: 104M/13



■ MF-010 Sample Location with Sample Number



FIGURE 3; Detailed map showing samples and sample numbers from the Silt Claim.



Samples MF-012, MF-023, MF-033 and MF-035 are grab samples taken from the greissen-like veins. They consist of the central quartz vein along some of the altered dark gray, chloritic halo.

Samples MF-010, MF-014 and MF-016 are grab samples taken from coarse-grained pegmatitic zones.

Sample SP-060 was taken from float that probably originated higher up the valley wall. It consists of a patchy mix of rusty orange fine-grained, very altered looking material and very fine-grained porcelain-like, light pinkish-mauve material. Based on the colour alone the author's initial thought was that this could contain extremely fine-grained fluorite. Although the analyses do not include fluorine, the calcium content is very high, supporting the idea that this sample could be fluorite-rich.

Overall the analytical results are disappointing, with no sample containing economic or near economic metal concentrations. Highlighted in yellow above are some of the anomalously high values. The author had hoped that the greissen-like veins would return elevated concentrations of tungsten or tin, elements whose minerals might not be readily visible in the samples.

Three samples, one from the pegmatitic zones and two from the greissen-like veins, have elevated Zn levels as high as nearly 0.6%. Additionally, two of the greissen samples have elevated Ag concentrations of greater than 2400 parts per billion. One of the pegmatitic samples has a beryllium concentration of 927 parts per million, indicating that perhaps it contained Be-bearing minerals, probably not surprising in a pegmatitic environment such as found here.

Sample SP-060 is interesting because it probably contains a fairly high concentration of fluorite and also has elevated levels of SR, BA and most importantly Sn (221 per part million).

## **CONCLUSIONS AND RECOMENDATIONS**

The Silt claim has received only cursory prospecting and rock sampling, primarily on the northwest corner of the property. Overall the analytical results were disappointing. Although elevated levels of Zn, Ag, Be and Sn were detected in some of the samples results were not high enough to cause excitement.

If additional exportation is to be conducted on this site then the author would recommend the following;

- 1/ Try to locate the source of MF-060, probably located higher up the slope on the east of the claim.
- 2/ Soil sample along the base of the ridge to try to detect any potential mineralization up slope.
- 3/ Establish the extent of the greissen-like veins and look for possible mineralized veins up slope. This would need to be done later in the season, probably in August.

Based on the remote location and the overall poor assay results the author considers the Silt claim a low priority prospect.

## **REFERENCES**

Christie, R.L. (1957): Bennett, British Columbia; *Geological Survey of Canada*, Map 19-1957 with Descriptive Notes.

Mihalynuk, M.G. (1999): Geology and Mineral Resources of the Tagish Lake Area, (NTS 104M/8,9,10E, 15 and 104N/12W), Northwestern British Columbia. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Bull 105, 215 p.

## **APPENDIX I**

### **STATEMENT OF QUALIFICATIONS**

I, Bradley S. Wilson of P.O. Box 352, Kingston, Ontario, K7L 4W2, do hereby state that I:

- 1/ graduated from Queen's University in 1982 with an Honours B.Sc. degree in Geology.
- 2/ graduated from Carleton University in 1987 with a M.Sc. degree in Geology.
- 3/ worked for mineral exploration companies during 24 of the last 34 years either as a consultant or as a seasonal employee.
- 4/ worked on M.Sc. related field work and mapping during the summers of 1983, 1984 and 1985 for Carleton University.
- 5/ conducted mineral exploration on my own behalf during part or all of every field season, except two, since 1982.
- 6/ am the registered owner of the SILT claims (854335).
- 7/ performed the assessment work described in this report.

Bradley S. Wilson

July, 2012

# APPENDIX II

## STATEMENT OF COSTS

Exploration Work type	Comment	Days	Rate	Subtotal*	Totals
<b>Personnel (Name)* / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Brad Wilson / Geologist	27-Jun-11	0.5	\$450.00	\$225.00	
	29-Jun-11	1	\$450.00	\$450.00	
	July 4, 2011 - July 7, 2011	4	\$450.00	\$1,800.00	
	10-Jul-11	0.5	\$450.00	\$225.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$2,700.00	<b>\$2,700.00</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days)</b>				
Literature search			\$0.00	\$0.00	
Database compilation			\$0.00	\$0.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
Report preparation	Brad Wilson	1.0	\$375.00	\$375.00	
Other (specify)		0.0	\$0.00	\$0.00	
				\$375.00	<b>\$375.00</b>
<b>Airborne Exploration Surveys</b>	<b>Line Kilometres / Enter total invoiced amount</b>				
Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Remote Sensing</b>	<b>Area in Hectares / Enter total invoiced amount or list personnel</b>				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/List Personnel</b>				
Geological mapping					
Regional Reconnaissance					
Prospect					
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	<b>\$0.00</b>
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	<i>note: expenditures for your crew in the field should be captured above in Personnel field expenditures above</i>				
SP/AP/EP					
IP					
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				\$0.00	<b>\$0.00</b>

<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Stream sediment			\$0.00	\$0.00	
Soil			\$0.00	\$0.00	
Rock		8	\$0.00	\$311.03	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$311.03	<b>\$311.03</b>
<b>Drilling</b>	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Diamond			\$0.00	\$0.00	
Reverse circulation (RC)			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Other Operations</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Reclamation</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare			\$0.00	\$0.00	
Taxi			\$0.00	\$0.00	
truck rental		1.00	\$69.95	\$69.95	
kilometers			\$0.00	\$0.00	
ATV			\$0.00	\$0.00	
fuel			\$0.00	\$0.00	
Helicopter (hours)			\$0.00	\$0.00	
Fuel (litres/hour)			\$0.00	\$0.00	
Other	Float Plane			\$1,325.53	
				\$1,395.48	<b>\$1,395.48</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel			\$0.00	\$0.00	
Camp	30/day	6.00	\$30.00	\$180.00	
Meals	20/day	6.00	\$20.00	\$120.00	
				\$300.00	<b>\$300.00</b>
<b>Miscellaneous</b>					
Telephone			\$0.00	\$0.00	
Other (Specify)				\$0.00	<b>\$0.00</b>
<b>Equipment Rentals</b>					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)				\$0.00	<b>\$0.00</b>
<b>Freight, rock samples</b>					
				\$0.00	
	Ship samples to assay lab	1.00	\$46.19	\$46.19	
				\$46.19	<b>\$46.19</b>
<b>TOTAL Expenditures</b>					<b>\$5,127.70</b>



www.acmelab.com

**Client:** **Wilson, Brad**  
PO Box 352  
Kingston ON K7L 4W2 Canada

Submitted By: Brad Wilson  
Receiving Lab: Canada-Vancouver  
Received: January 27, 2012  
Report Date: March 15, 2012  
Page: 1 of 2

**CERTIFICATE OF ANALYSIS** VAN12000323.1

**CLIENT JOB INFORMATION**

Project: FOETER  
Shipment ID:  
P.O. Number:  
Number of Samples: 8

**SAMPLE PREPARATION AND ANALYTICAL PROCEDURES**

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-200	8	Crush, split and pulverize 250 g rock to 200 mesh			VAN
Group 1T	8	4 Acid digestion Ultratrace ICP-AE analysis	0.25	Completed	VAN

**SAMPLE DISPOSAL**

DISP-PLP Disposes of Pulp After 90 days  
DISP-RJT Disposes 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: **Wilson, Brad**  
PO Box 352  
Kingston ON K7L 4W2  
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 liability 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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Wilson, Brad**  
 PO Box 362  
 Kingston ON K7L 4W2 Canada

Project: FOSTER  
 Report Date: March 15, 2012

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CERTIFICATE OF ANALYSIS

VAN12000323.1

Method	Analyte	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
			Mo	Cu	Pb	Zn	Ag	M	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
	MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
MF-010	Rock	0.65	5.45	1.38	27.19	48.7	<20	2.2	0.5	80	0.80	5.4	11.7	<0.1	27.8	9	<0.02	0.84	<0.04	2	<0.02	
MF-012	Rock	0.91	0.77	2.17	33.82	122.0	42	1.2	0.5	243	0.85	<0.2	24.7	<0.1	58.7	3	0.10	0.08	0.35	1	0.17	
MF-014	Rock	0.49	1.05	2.55	28.78	3590	67	1.2	0.5	3182	1.37	0.3	23.0	<0.1	62.6	3	0.07	0.07	4.27	2	0.11	
MF-016	Rock	0.70	4.64	5.08	13.87	270.0	719	2.6	0.7	948	2.30	1.1	25.9	<0.1	70.4	1	0.10	0.35	3.57	1	<0.02	
MF-023	Rock	0.81	3.20	48.57	128.7	5911	2413	1.1	0.8	2202	3.09	0.4	13.3	<0.1	39.8	<1	11.99	0.17	119.2	3	0.04	
MF-033	Rock	0.89	15.28	5.35	288.5	757.8	2084	2.0	0.9	7485	6.69	<0.2	15.9	<0.1	38.2	12	1.12	0.21	132.1	5	0.75	
MF-035	Rock	1.21	4.43	77.37	159.2	1946	338	1.1	0.9	2108	4.59	<0.2	15.9	<0.1	43.9	<1	1.18	0.20	178.7	1	0.03	
S7-060	Rock	0.87	0.13	11.32	8.20	29.2	906	2.6	0.7	1.4	0.89	6.4	0.6	<0.1	1.0	286	0.08	2.48	4.84	5	23.21	

\*This report provides only a snapshot of the data and does not include the full analytical data. It is intended for use as a reference only. For more information, please contact the laboratory.



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Project: FOSTER  
Report Date: March 15, 2012

Page: 2 of 2 Part: 2

## CERTIFICATE OF ANALYSIS

VAN12000323.1

Method	1T	1T	4T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	
Analyte	P	La	Cr	Mg	Ba	Tl	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Co	Pr	Nd	Sm				
Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	6.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	
MF-010	Rock	0.002	22.1	2	<0.02	217	0.347	8.42	0.068	3.12	7.2	47.3	2.0	2	0.8	<0.04	33.8	49.08	6.7	21.7	5.8			
MF-012	Rock	<0.001	25.9	5	<0.02	18	0.021	5.75	2.068	2.78	5.7	218.3	4.4	2	0.5	<0.04	77.2	54.18	7.5	29.7	8.9			
MF-014	Rock	0.002	14.2	4	<0.02	15	0.018	5.34	2.709	2.48	12.3	178.7	15.9	927	2.0	0.11	73.2	49.44	5.2	20.0	7.2			
MF-018	Rock	<0.001	14.4	5	0.02	12	0.018	3.90	0.068	2.30	13.3	114.2	65.7	5	1.7	<0.04	97.3	20.62	5.8	24.3	8.5			
MF-023	Rock	<0.001	11.3	4	<0.02	7	0.008	1.55	0.018	0.68	114.9	100.2	25.8	2	0.9	0.25	24.3	36.53	3.8	15.1	4.3			
MF-033	Rock	<0.001	20.6	6	<0.02	46	0.088	3.28	0.018	1.37	14.4	91.4	141.4	2	1.1	<0.04	35.4	46.82	6.4	23.9	7.0			
MF-035	Rock	0.001	21.0	3	<0.02	17	0.027	2.20	0.017	1.17	11.0	86.8	39.5	2	0.8	<0.04	53.8	69.52	6.7	26.1	7.2			
SP-060	Rock	0.020	2.4	2	0.16	455	0.048	5.70	1.805	2.83	6.8	12.5	220.8	18	1.5	<0.04	2.4	4.44	0.4	1.8	0.4			

The results presented are preliminary and final reports will be provided upon completion of the data analysis. Reported values are based on preliminary reports and are subject to change.





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Page: 2 of 2 Part: 3

CERTIFICATE OF ANALYSIS

VAN12000323.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Cu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ge	
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	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
MF-010	Rock	<0.1	4.2	0.9	5.3	1.3	3.5	0.5	3.2	0.5	2.75	19.2	139.2	1.4	20.40	1.5	22.47	
MF-012	Rock	<0.1	10.8	2.0	12.0	3.1	8.9	1.6	10.3	1.9	12.93	30.5	254.5	3.5	82.50	6.0	22.21	
MF-014	Rock	<0.1	8.3	1.6	12.0	3.0	8.7	1.8	10.0	2.0	21.51	74.0	301.9	5.2	66.90	10.1	27.63	
MF-016	Rock	<0.1	11.5	2.4	14.8	3.5	9.4	1.5	8.8	1.3	7.73	285.3	509.4	3.8	80.20	15.3	37.75	
MF-023	Rock	<0.1	5.4	3.7	4.0	1.0	3.0	0.6	3.3	0.8	5.77	193.6	215.1	0.2	17.85	12.2	17.73	
MF-033	Rock	<0.1	7.0	1.4	8.1	2.1	5.8	1.0	5.7	1.0	5.85	208.1	395.4	2.5	38.41	21.7	31.23	
MF-030	Rock	<0.1	7.9	1.4	8.1	2.0	5.5	0.9	5.1	0.8	5.40	247.0	330.1	1.2	24.82	29.5	24.84	
SP-030	Rock	0.2	0.5	3.1	0.6	0.1	0.3	<0.1	0.3	<0.1	0.05	45.6	425.0	0.2	5.14	21.6	27.37	

The report is prepared in accordance with the ISO 17025 standard. The number above the name of the analyst is the signature of the analyst. The report is prepared in accordance with the ISO 17025 standard.



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Project: FOSTER  
Report Date: March 15 2012

Page: 1 of 1 Print

QUALITY CONTROL REPORT

VAN12000323.1

Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analytic	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	Au	U	Au	Th	Sr	Ca	Sb	Bi	V	Cr	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.01	0.06	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	
Pulp Duplicates																					
MF-014	Rock	0.48	1.06	2.50	28.76	3580	87	1.2	0.5	3182	1.37	0.3	23.0	<0.1	62.8	3	0.07	0.07	4.27	2	0.11
REP MF-014	OC	1.20	2.50	50.00	3490	72	1.3	0.6	3085	1.38	0.5	21.5	<0.1	65.2	2	0.15	0.06	4.32	2	0.14	
Core Reject Duplicates																					
MF-035	Rock	1.21	4.43	77.37	155.2	1948	338	1.1	0.8	2108	4.66	<0.2	15.8	<0.1	45.8	<1	1.18	0.20	175.7	1	0.03
DUP MF-035	OC	4.35	68.57	141.4	1818	500	2.7	0.8	2063	4.52	<0.2	14.6	<0.1	38.4	1	1.12	0.34	162.7	2	0.03	
Reference Materials																					
STD OREAS24P	Standard	1.57	48.44	3.24	100.7	63	147.0	47.3	1030	7.02	0.3	3.8	<0.1	3.3	531	0.05	0.07	<0.04	147	8.54	
STD OREAS46C	Standard	2.46	661.3	26.04	78.1	548	355.2	112.6	1181	7.02	13.2	2.5	<0.1	12.3	37	0.11	0.78	0.32	217	0.48	
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.86	403	0.15	0.09		158	5.83	
STD OREAS46C Expected		2.26	620	24	83	280	333	104	1160	8.33	10.1	2.4	0.045	13.2	36.4	0.15	0.79	0.21	270	0.482	
BLK	Blank	<0.00	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02	
Prep Wash																					
G1	Prep Blank	<0.01	0.23	3.14	20.14	50.5	<20	3.0	5.2	747	2.22	<0.2	3.2	<0.1	9.6	642	<0.02	0.63	0.17	63	2.85

This report supersedes all previous analyses and final results with this file number from prior to the date of this certificate. Customers are made that approved solutions (with an expiry date) should be used to minimize error.



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Project: FOSTER  
 Report Date: March 15, 2012

Page 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN12000323.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		P	La	Cr	Hg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Se	S	Y	Ce	Pr	Nd	Sm	
Unit		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																						
MF-014	Rock	0.002	14.2	4	<0.02	15	0.016	5.34	2.758	2.48	12.3	170.7	15.9	927	2.0	0.11	73.2	46.44	5.2	20.0	7.2	
RFP MF-014	QC	0.002	16.0	4	<0.02	14	0.019	5.37	2.770	2.70	12.8	173.7	17.1	911	1.9	0.11	73.4	50.25	5.3	20.4	7.3	
Core Reject Duplicates																						
MF-035	Rock	0.001	21.0	3	<0.02	17	0.027	2.20	0.017	1.17	11.0	93.6	39.5	2	0.8	<0.04	53.9	48.52	6.7	26.1	7.2	
DUP MF-035	QC	0.001	18.7	3	<0.02	16	0.026	2.24	0.015	1.16	9.4	91.6	37.5	1	0.8	<0.04	50.5	45.23	6.3	24.0	7.1	
Reference Materials																						
STD OREAS24P	Standard	0.118	18.6	207	3.74	255	1.060	8.97	2.276	0.58	0.5	125.2	1.4	<1	18.0	<0.04	22.7	38.14	6.2	21.4	4.8	
STD OREAS4C	Standard	0.048	29.0	1006	0.25	262	1.247	7.38	0.091	0.33	1.3	169.8	2.7	1	60.1	<0.04	14.5	56.16	6.6	22.4	4.6	
STD OREAS24P Expected		0.136	17.4	195	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	
STD OREAS4EC Expected		0.061	28.2	982	0.25	270	1.1313	7.58	0.097	0.33	1.05	108.7	2.8		58.33	0.021	12.9	54	6.21	24.48	4.3	
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.16	<0.1	<0.1	<0.1	
Prep. Wash																						
B1	Prep. Blank	0.070	27.0	4	0.57	936	0.287	5.51	2.742	2.88	0.1	10.7	1.3	3	4.6	<0.04	15.6	58.42	6.8	24.2	4.0	

The report represents all previous policies and final report with the file number dated for the date of this analysis. Negative values that are not otherwise specified are unmeasured and should be listed as "none" only.



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Project: FOSTER  
 Report Date: March 15, 2012

Page: 1 of 1 Part: 5

**QUALITY CONTROL REPORT** VAN12000323.1

Method		IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT	IT
Analyte		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	
<b>Pulp Duplicates</b>																	
MF-014	Rock	<0.1	8.3	1.8	12.0	3.0	8.7	1.8	12.0	2.0	21.51	74.0	301.8	6.2	66.95	10.1	27.93
REP MF-014	QC	<0.1	8.1	1.9	12.4	3.0	8.1	1.7	11.5	2.0	16.11	75.7	297.1	6.4	66.79	10.2	27.37
<b>Core Reject Duplicates</b>																	
MF-035	Rock	<0.1	7.8	1.4	8.1	2.0	5.8	0.9	5.1	0.8	5.40	347.0	330.1	1.2	24.82	28.5	24.84
CLP MF-035	QC	<0.1	8.8	1.2	7.9	1.8	5.3	0.8	5.0	0.8	5.20	329.3	325.0	1.1	23.31	28.1	23.47
<b>Reference Materials</b>																	
STD DREAS24P	Standard	1.8	5.3	0.8	4.8	1.0	2.1	0.3	1.8	0.3	3.19	7.1	20.0	1.1	18.42	0.7	16.17
STD DREAG45C	Standard	1.3	3.6	0.7	3.5	0.7	1.7	0.2	1.8	0.7	4.54	14.7	23.5	1.5	23.74	2.3	24.73
STD DREAS24P Expected		1.6	5.3	0.81	4.8	0.8	2.2	0.3	1.83	0.26	3.6	8.7	22.4	1.04	21	0.8	18.43
STD DREAG45C Expected		1.13	3.64	0.6	3.41	0.64	1.82	0.21	1.51	0.23	4.27	15.69	24	1.43	23.05	2.3	24.8
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02
<b>Prep Wash:</b>																	
Q1	Prep Blank	1.0	3.4	0.5	2.9	0.8	1.6	0.3	1.7	0.3	0.69	28.8	114.7	1.3	24.42	4.2	17.47

This report summarizes all test results and includes a report with this file number sent prior to the date of this website. All results include the appropriate primary result units used and should be used for reference only.