Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological and Geochemical

TOTAL COST: $2927.62

AUTHOR(S): Helgi Sigurgeirson **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): n/a **YEAR OF WORK:** 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): EV#5567950 2015/AUG/27

PROPERTY NAME: Silvertip Zinc Property

CLAIM NAME(S) (on which the work was done): Mineral Claim #519283

COMMODITIES SOUGHT: Zinc, Copper, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092HSW166

MINING DIVISION: New Westminster Mining Division **NTS/BCGS:** 092H/03

LATITUDE: 49 ° 10 ' 26.7 " **LONGITUDE:** 121 ° 14 ' 22.9 " **(at centre of work)**

OWNER(S):
1) Donald Hunchuk 2)

MAILING ADDRESS:
19918 Silverhope Rd., Hope, BC
V0X 1L2

OPERATOR(S) [who paid for the work]:
1) Donald Hunchuk 2)

MAILING ADDRESS:
19918 Silverhope Rd., Hope, BC
V0X 1L2

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Hozameen Complex, basalt, andesite, chert, argillite, Permian to Jurassic, folded, greenschist facies, sericite alteration, pyrrhotite, pyrite, chalcopyrite, sphalerite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 12410, 13066, 23026, 25629

Next Page

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	10 000 m2		$1300
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	7		$1627.62
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$2927.62

Geological and Geochemical Assessment Report on the Silvertip Zinc Property

Sunshine Valley, Yale - Lillooet
British Columbia
New Westminster Mining Division

Map Sheet 092H/03

UTM 628300E, 5448300N (Zone 10)
N49° 10' 26.7" W121° 14' 22.9"

Claim 519283

Prepared for:
Don Hunchuk

Prepared by:
Helgi Sigurgeirson, P.Geo.
September 6, 2015

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Appendix I

Introduction

Location, Access and Physiography

The property is about 11 km south of the community of Sunshine Valley, which is about 18 km southeast of Hope, along the Crowsnest Highway (Figure 1). The Sumallo FSR passes within a kiometer of the showing. An old cat road branches off the FSR at about 628250E, 5449000N and zig zags up to a probable diamond drill site immediately north of the showing (Figure 2).
The property is at the headwaters of the Sumallo River, on the northwest flank of Silvertip Mountain. Silvertip Mountain is a 2,596 m (8,517 ft) peak in the Canadian Cascades south of Hope.
1550 m. The property is about half a kilometer north of the nothwest border of the Skagit Valley Provincial Park.
The area is characterized by 30° to 40° slopes (Figure 2). The area below the gossan is mantled by lateral morraine.
The property stretches from about 1100 m in the valley floor to the north of the property to 2000 m in the rocky southeast corner of the property. Most of the property is below the treeline, but forest cover is patchy with significant areas of bare rock and morraine.
Snow can be expected from October and may persist till June.

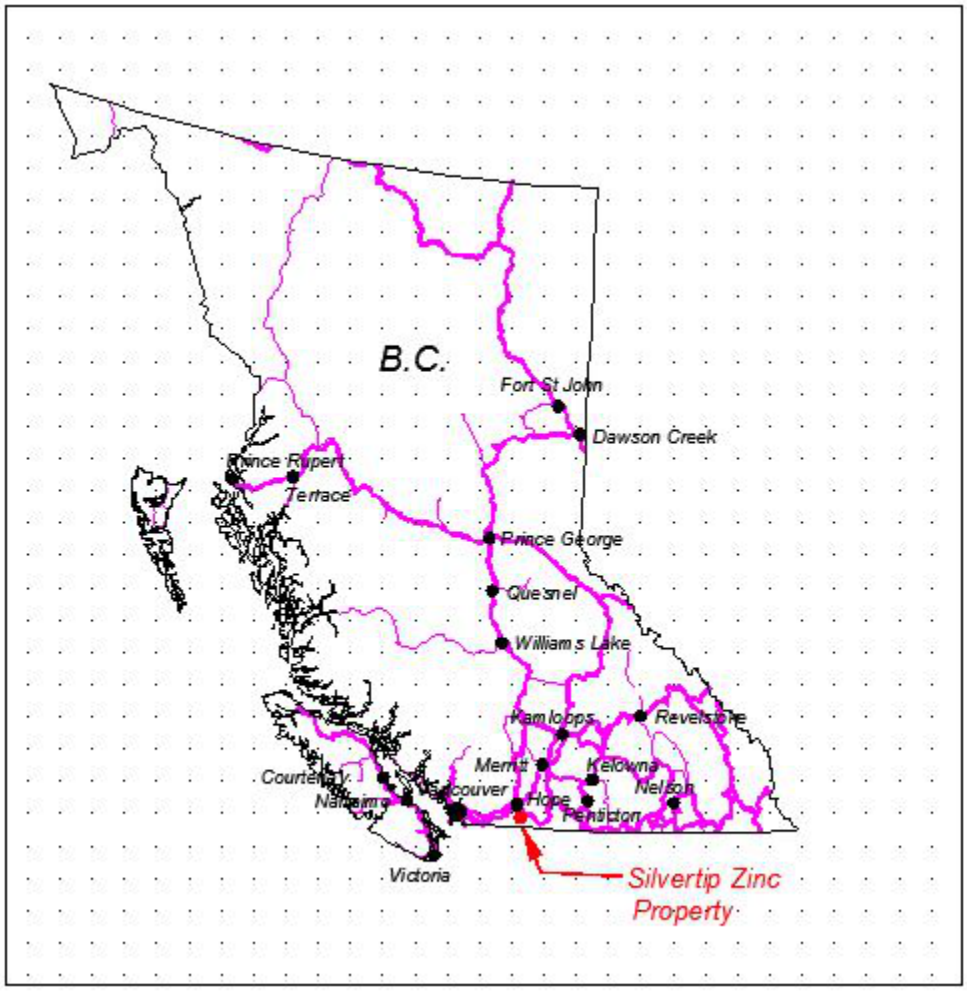


Figure 1: Location Map

Figure 2: Steep lateral morraine below the main gossan (underlying the treed ridges). The drill road ends just below the treed ridge on the left.

Property Definition

The Silvertip Zinc Property consists of claim 519283 (Figure 3). The claim covers 147.85 hectares and is 100% owned by Donald Carl Hunchuk.
A Statement of Work (5563719) was filed for the work described in this report on August 27, 2015, and the claim is good to April 24, 2017.

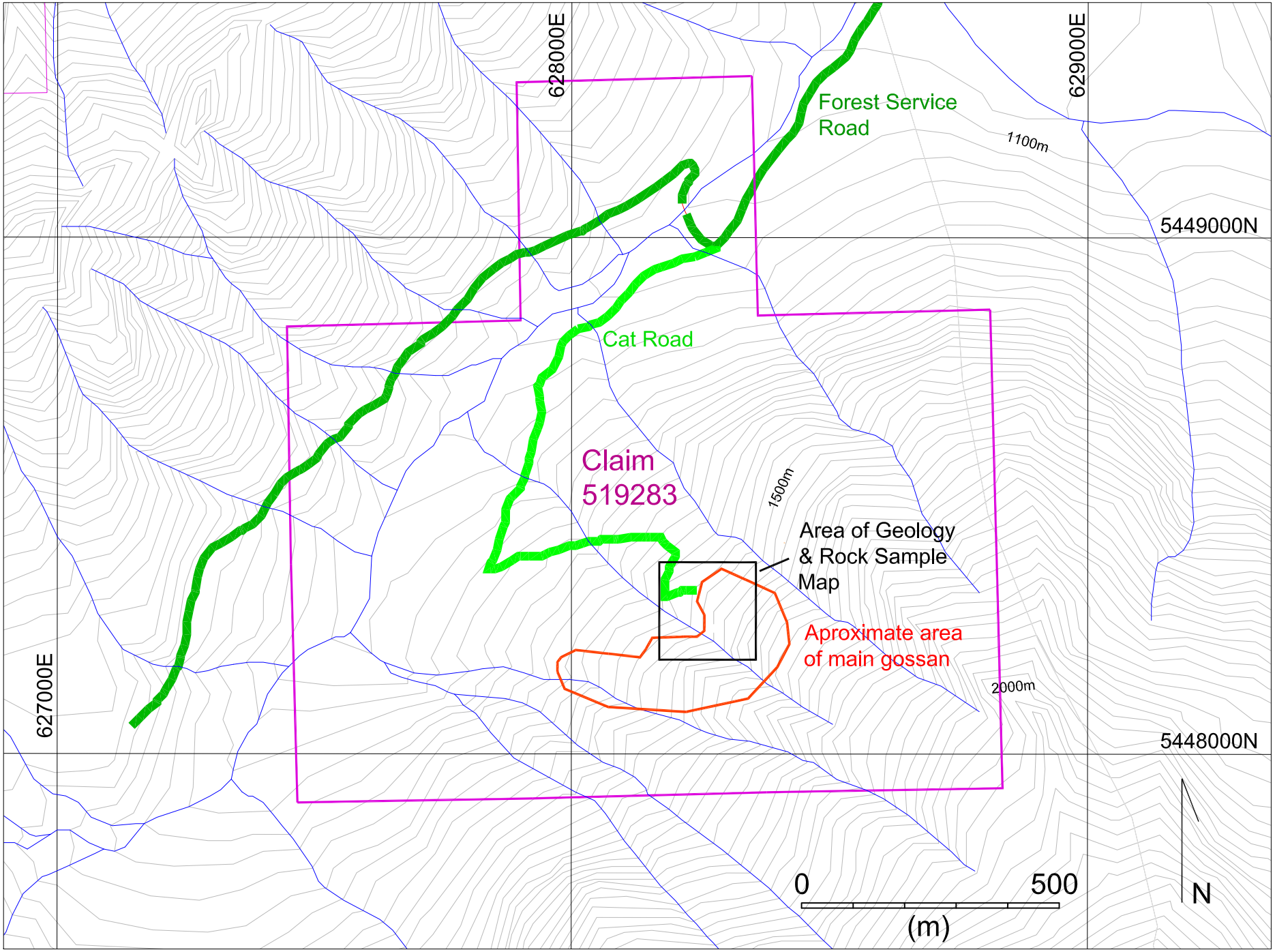


Figure 3: Claim and Index Map (base map and claim boundaries from MapPlace (2015))

Scale = 1:10 000

Previous Work

Allison Pass Mining drilled two diamond drill holes totalling 576 m (Day, 1993) in 1965/66. An excerpt from a company prospectus in Assessment Report 13066 (Allan, 1984b) indicates that significant mineralized intersections were encountered and mentions a 30 m wide by 240 m mineralized zone on the surface, but no detailed information is available (such as drill logs or assays) on the drilling or surface work.

A one day prospecting program was done by by Donald G. Allen in 1983. Assessment report 12410 was written in July of 1984, then followed by another day of prospecting and another assessment report (13066) in late 1984 which included the results of both days of work. A preliminary outline of the area of gossanous outcrop was produced. Nine rock samples were taken. A float sample assayed 1.8% Zn.

A short program was done in 1993 by William Collin Day which sampled float and soils from the cat trail below the showing. A number of float samples, taken across a broad area (about 600 across) below the gossan, assayed over 2% Zn. Unfortunately only a few of the samples were described, making it difficult to determine the character of the zinc mineralization.

A prospecting program was done by Don Hunchuk in 1998. During this program the cat road to the drill site was mapped and a number of samples were collected.

There are 2 minfiles in the area. The Silvertip Minfile (#092HSW166) documents the prospect that is the subject of this report, while the Bear II Minfile (#092HSW137) is located about 2 km to the northwest. The Bear II minfile appears to be an incorrectly located duplicate of the Silvertip Minfile.

Work Program Summary

The purpose of the 2015 mapping program was to begin to map and describe the mineralized zone. 16 hours of field work were done from August 14 to August 15, 2015. Work consisted of geological mapping and rock sampling. 1:1000 scale geological mapping covered an area of 1 hectare. 5 Samples were collected and submitted for geochemical assay.

Regional Geology

The area is underlain by rocks of the Permian to Jurassic Hozameen Complex, a highly deformed suite of oceanic rocks with metamorphic grades ranging from prehnite-pumpelyite to amphibolite facies (Ray, 1990). The suite consistes argillites, cherts, limestones and basalts. McTaggert and Thompson (1967) show upright anticlines and synclines generally trending northwest in the area of the claims.

Property Geology

Little information beyond the regional mapping is available for most of the property. Silicified limestones and cherts compose much of the lower part of diamond drill hole 1A, according to the excerpt in AR 13066 (Allen, 1984). Allan observed greenstone, cherts and tuffs on the property, while Day (1993) reports greenstones, lesser cherts, tuffs and minor argillite. The large gossan indicated on Figure 2 has been the main focus of work, though no detailed mapping or sampling has been recorded.

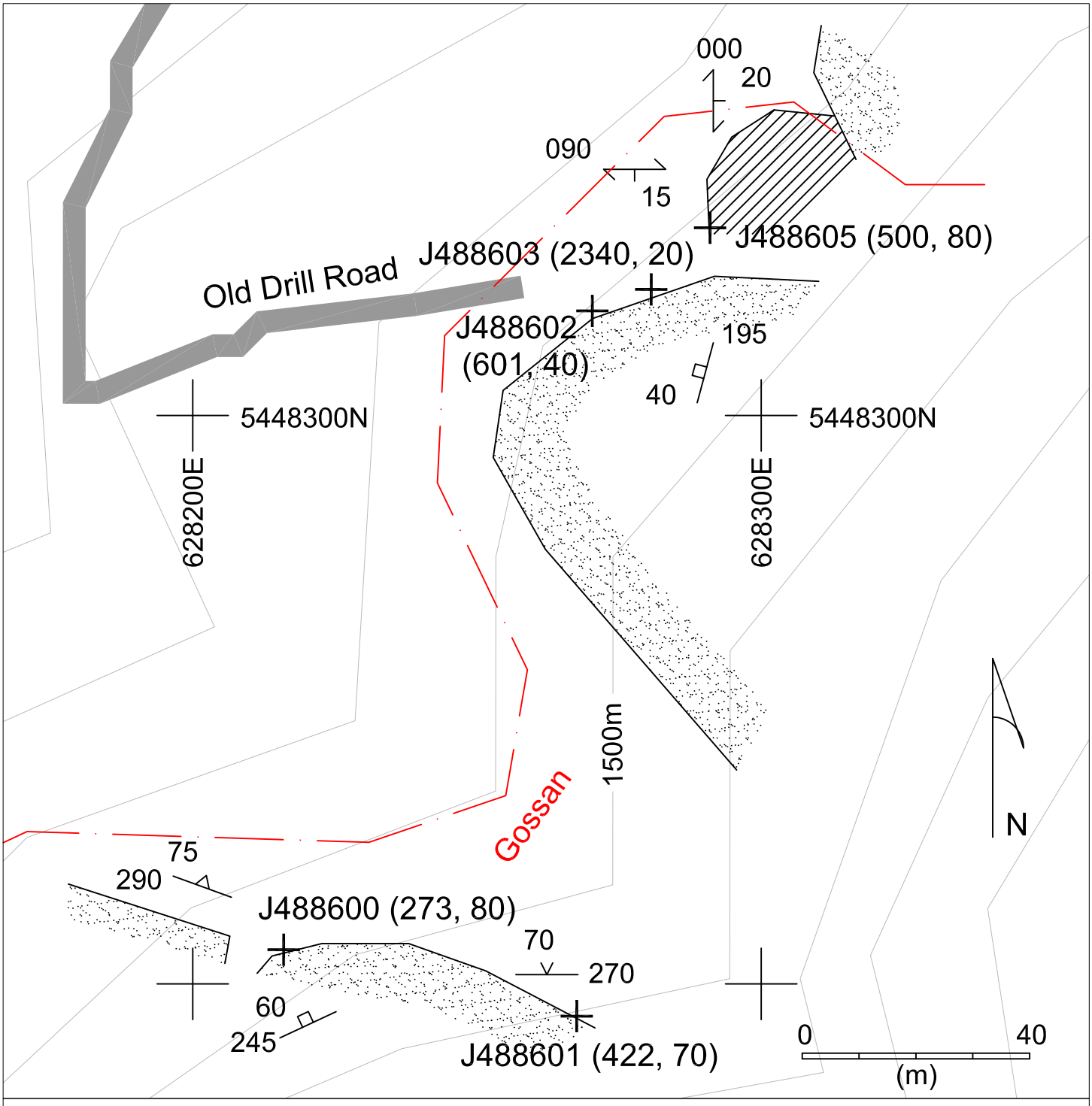
Geological Mapping

The purpose of the geological mapping was to locate and characterize the mineralized zone. The gossanous outcrop examined (Figure 4) was mainly composed of an unfoliated, pale greenish grey, sericitized?, very fine grained volcanic (probably a tuff). An area to the north featured a foliated tuff and /or tuffaceous sediment, which was also strongly limonitic. Only a small area of the gossan was visited during this program.
Float from higher elevations was dominated by fine grained dark green-grey probable basalt. Lesser cherty mudstone and variably altered, siliceous, aphanitic, light grey rock (possibly rhyolite or chert) were also seen.
Metamorphism in the area appears to be lower greenschist based on float and outcrop examined.
The tuffs appear to have been variably bleached to a pale greenish grey colour by possible sericite alteration. Most of the outcrop examined contained fine grained sulphides, mainly pyrrhotite, pyrite and trace chalcopyrite, both disseminated and in irregular veinlets.
Larger, discontinuous, irregular veinlets (usually 1 -3 cm, but up to 10 cm in width) are common, often at about a meter spacing. They are composed of quartz-pyrite- pyrrhotite + trace chalcopyrite. The frequency of these veinlets is difficult to discern by brief examination due to the strong limonitic staining which obscures the features of the outcrop. This type of vein material appeared to compose several percent of the rock in the vicinity of sample J488601, which was taken from a 3 cm veinlet of this type.

Geochemical Sampling

Grab samples were taken from outcrop at 5 locations. Samples were crushed to 70% less than 2 mm, 250 g were riffle split off and pulverized to 85% passing 75 microns. Au was detemined by fire assay and ICP AES (30 g nominal sample weight). For the other elements, aqua regia digestion followed by ICP AES was used.
Considering the small number and preliminary nature of the sampling, only limited QA/QC was done. Sample J488602 was divided into 2 samples and a duplicate was submitted as J488606. Sample J488604 was an unmineralized tertiary dacite from the lillooet area that was submitted as a blank to follow J488603 (mainly massive pyrrhotite). The blank is geochemically distinct from the other samples, and demonstrated that there was no contamination following the massive pyrrhotite sample. Appendix I contains the assay and QA/QC certificates.

The purpose of the rock sampling was to locate and characterize the mineralized zone. The area sampled featured sericite? altered tuffs with anomalous copper assays (Figure 3). Assay results are summarized in Table 1. The high grade zinc showings described in the Allison Pass excerpt, which may be the source of the high grade float samples found over a broad area downslope from the gossan by Day (1993) and Allan (1984), was not located during this program. If Day had the correct dip and hole length for DDH 1A, then the zinc surface showings should be 100 m to 150 m higher then the drill collars (ie. at about 1580 m to 1620 m elevation).



Legend

- Foliated Intermediate Tuff?
- Unfoliated Intermediate Tuff?
- Joint
- Foliation
- Vein
- Dominant Fracture
- Rock Sample (ppm Cu, ppm Zn)

Figure 4: Geology and Rock Sample Location Map

Scale = 1:1000

Table 1: Rock Sample Descriptions

Sample ID	Easting	Northing	Description	Cu (ppm)	Zn (ppm)
J488600	628216	5448206	Pale green grey very fine grained volcanic?. Sericite? altered with about 5% veinlets Po + trace Cp	273	80
J488601	628272	5448202	Quartz veinlet (3 cm width) with about 10% fine grained Po, Py and trace Cp	422	70
J488602	628292	5448325	2 cm Quartz – Pyrite vein	601	40
J488603	628292		Massive sulphide vein (Po>Py>>Cp) with lesser Qz and Siderite	2340	20
J488604			Unmineralized dacite blank (from Lillooet area)	<5	150
J488605	628291	5448333	Strongly altered tuff? With 5 – 10% diss. & veinlet hosted fine grained sulphides (Py – Po)	500	80
J488606	628292	5448325	duplicate of J488602	505	40

Conclusions and Recommendations

The area examined featured widespread, but low grade copper mineralization. None of the samples from the area mapped returned significant Zn grades, though sample J488603 returned 0.2% Cu. The zinc showings reported are probably about 100 m above the area mapped. Previous authors have compared the prospect to the CANAM deposit about 16 km to the east, but no intrusives or breccias of the style reported at CANAM were observed during this program.
The occurence of significant alteration and mineralization in a subaqueous sequence of volcanics and sediment suggests that this may be a VHMS system. The Allison Pass Mining excerpt (Allan, 1984) describes banded fine grained metallic minerals in cherts and silicified limestones. Day (1993) describes cherty argillite float with pyrrhotite, sphalerite, chalcopyrite and minor magnetite along bedding? planes.
Future work should focus on locating the high grade zinc zone and determining whether it is associated with a break in the style of volcanism and/or sedimentation.

References

Allan, D.G. (1984a) Prospecting Assessment Report on the Bear Property; *B.C. Ministry of Energy and Mines*, Assessment Report 12410.

Allan, D.G. (1984b) Prospecting Assessment Report on the Bear Property; *B.C. Ministry of Energy and Mines*, Assessment Report 13066.

Day, W.C. (1993) Geochemical Report on the Silvertip Claim; *B.C. Ministry of Energy and Mines*, Assessment Report 23026.

Hunchuk, D. (1998) Prospecting Report on the Zinc Mineral Claim; *B.C. Ministry of Energy and Mines*, Assessment Report 25629.

MapPlace (2015) BC Map UTM Zone 10 showing part of Map Sheet 092H/03. BC Geological Survey <http://webmap.em.gov.bc.ca/mapplace/minpot/BC_UTM.cfm?zone=10> (August 27, 2015).

McTaggart, K.C. and Thompson, R.M. (1967) Geology of part of the northern Cascades in southern British Columbia; *Canadian Journal of Earth Sciences*, Volume 4, pages 1199 – 1228.

Ray, G.E. (1990) The Geology and Mineralization of the Coquihalla gold belt and Hozameen fault system, southwestern British columbia; *B.C. Ministry of Energy and Mines*, Bulletin 79

Statement of Qualifications

I, Helgi Sigurgeirson, certify the following:

1. I graduated in 1995 from the University of British Columbia with a B.Sc. In the Geological Sciences.

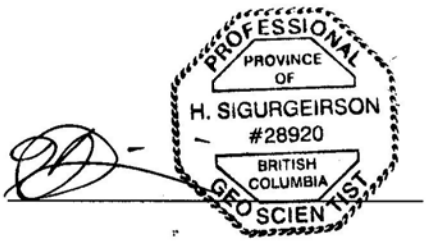
2. I have worked in mining and mineral exploration continuously since graduation.

3. I have worked on VMS, porphyry, epithermal and mesothermal Au vein, anorthosite hosted Ti, and nephrite exploration programs in Canada, Mexico and China.

4. I have developed and operated 3 dimension stone quarries on the BC coast.

5. I am a professional geoscientist in the Association of Professional Engineers and Geoscientists of British Columbia, and have been a member in good standing (member #28920) since 2004.

6. I conducted the work program described herein and wrote this report.



H. Sigurgeirson, P.Geo

September 6, 2015

Date

Cost Statement

Consultant	**Days**	**Rate**	**Amount**	**Total**
H. Sigurgeirson, P.Geo.	Fieldwork: August 14 & 15	$400.00	2	$800.00
	Travel (1/2 rate): August 13 & 15	$200.00	1	$200.00
	Report Preparation	$900.00		$900.00
Subtotal				**$1,900.00**
Mileage				
2007 F-150 4x4	350 km @ $0.50/km	$0.50	350	**$175.00**
GST on above				**$103.75**
Expenses				
Accommodations				$168.50
Fuel				$146.98
Food				$68.34
Gear				$15.67
Subtotal				**$399.49**
Assays	7 samples @ $49.91/sample	$49.91	7	**$349.38**
Total =	**$2,927.62**			

Appendix I

Assay Certificate
QC Certificate

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **SAXIFRAGE GEOLOGICAL SERVICES LTD.**
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

CERTIFICATE VA15125364

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 19-AUG-2015.

The following have access to data associated with this certificate:

HELGI SUGURGEIRSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **SAXIFRAGE GEOLOGICAL SERVICES LTD.**
ATTN: HELGI SUGURGEIRSON
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50
J488600		1.20	0.005	3	5.90	20	50	<5	10	5.35	<5	64	118	273	10.45	<50
J488601		0.86	0.004	<1	3.29	10	<50	<5	10	2.42	<5	121	119	422	15.25	<50
J488602		0.64	0.004	<1	3.27	30	<50	<5	10	2.43	<5	151	13	601	18.00	<50
J488603		0.92	0.011	2	0.33	20	<50	<5	30	0.20	<5	459	<5	2340	>50	<50
J488604		1.74	0.001	<1	0.57	<10	60	<5	20	0.29	<5	<5	7	<5	1.05	<50
J488605		0.68	0.003	<1	7.17	<10	90	<5	20	4.70	<5	49	180	500	13.25	<50
J488606		0.52	0.004	<1	3.64	<10	<50	<5	30	2.77	<5	128	14	505	16.25	<50

***** See Appendix Page for comments regarding this certificate *****

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To: SAXIFRAGE GEOLOGICAL SERVICES LTD.
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	100
J488600		<5	<0.05	<50	1.57	970	<5	0.58	155	770	10	5.05	<10	10	212	<100
J488601		<5	0.05	<50	1.32	800	<5	0.19	109	730	<10	7.50	<10	14	102	<100
J488602		<5	<0.05	<50	0.50	310	<5	0.44	43	720	20	>10.0	<10	6	121	<100
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J488605		<5	0.05	<50	1.34	660	<5	0.68	120	910	160	7.34	<10	19	252	<100
J488606		<5	<0.05	<50	0.55	370	<5	0.46	36	720	30	9.42	<10	6	130	<100

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	50	50	5	50	10
J488600		0.60	<50	<50	112	<50	80
J488601		0.47	<50	<50	114	<50	70
J488602		0.40	<50	<50	67	<50	40
J488603		<0.05	<50	<50	8	<50	20
J488604		<0.05	<50	<50	16	<50	150
J488605		0.65	<50	<50	156	<50	80
J488606		0.46	<50	<50	74	<50	40

***** See Appendix Page for comments regarding this certificate *****

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PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

CERTIFICATE OF ANALYSIS VA15125364

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	CRU-QC	LOG-21
ME-ICP41a	PUL-31	PUL-QC	SPL-21
WEI-21			

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47312 SCHOONER WAY
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QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method Analyte Units LOR	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
STANDARDS						
CDN-PGMS20						
CDN-PGMS20						
Target Range - Lower Bound						
Upper Bound						
OGGeo08		<50	<50	84	<50	7290
Target Range - Lower Bound		<50	<50	72	<50	6700
Upper Bound		100	110	96	100	7740
OREAS 19a						
OREAS 19a						
Target Range - Lower Bound						
Upper Bound						
OREAS-134b		50	<50	6	<50	>50000
Target Range - Lower Bound		<50	<50	<5	<50	164500
Upper Bound		160	130	16	130	>50000
OREAS-904						
Target Range - Lower Bound						
Upper Bound						
PD1						
PD1						
Target Range - Lower Bound						
Upper Bound						
BLANKS						
BLANK						
BLANK						
Target Range - Lower Bound						
Upper Bound						
BLANK		<50	<50	<5	<50	<10
Target Range - Lower Bound		<50	<50	<5	<50	<10
Upper Bound		100	100	10	100	20

***** See Appendix Page for comments regarding this certificate *****

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QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method / Analyte / Units / LOR	Au-ICP21 Au ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5
DUPLICATES																
ORIGINAL		1.080														
DUP		1.090														
Target Range - Lower Bound		1.030														
Upper Bound		1.140														
ORIGINAL		0.003														
DUP		0.003														
Target Range - Lower Bound		0.002														
Upper Bound		0.004														
ORIGINAL		0.676														
DUP		0.678														
Target Range - Lower Bound		0.640														
Upper Bound		0.712														
ORIGINAL		0.280														
DUP		0.156														
Target Range - Lower Bound		0.205														
Upper Bound		0.230														
J488606			<1	3.64	<10	<50	<5	30	2.77	<5	128	14	505	16.25	<50	<5
DUP			<1	3.67	10	<50	<5	10	2.81	<5	133	15	515	16.35	<50	<5
Target Range - Lower Bound			<1	3.48	<10	<50	<5	<10	2.64	<5	121	9	492	15.65	<50	<5
Upper Bound			2	3.83	20	100	10	30	2.94	10	140	20	528	16.95	100	<5
ORIGINAL		0.801														
DUP		0.808														
Target Range - Lower Bound		0.763														
Upper Bound		0.846														

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com

To: **SAXIFRAGE GEOLOGICAL SERVICES LTD.**
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method / Analyte / Units / LOR	ME-ICP41a K % 0.05	ME-ICP41a La ppm 50	ME-ICP41a Mg % 0.05	ME-ICP41a Mn ppm 30	ME-ICP41a Mo ppm 5	ME-ICP41a Na % 0.05	ME-ICP41a Ni ppm 5	ME-ICP41a P ppm 50	ME-ICP41a Pb ppm 10	ME-ICP41a S % 0.05	ME-ICP41a Sb ppm 10	ME-ICP41a Sc ppm 5	ME-ICP41a Sr ppm 5	ME-ICP41a Th ppm 100	ME-ICP41a Ti % 0.05
STANDARDS																
CDN-PGMS20																
CDN-PGMS20																
Target Range - Lower Bound																
Upper Bound																
OGGeo08		1.11	<50	0.96	420	949	0.34	9020	880	7450	2.84	30	7	76	<100	0.35
Target Range - Lower Bound		0.98	<50	0.83	350	864	0.21	8250	680	6720	2.55	<10	<5	55	<100	0.31
Upper Bound		1.22	130	1.07	480	1005	0.42	9520	910	7760	3.05	40	17	76	200	0.41
OREAS 19a																
OREAS 19a																
Target Range - Lower Bound																
Upper Bound																
OREAS-134b		0.14	<50	1.85	3510	<5	<0.05	10	310	>50000	>10.0	80	<5	24	<100	<0.05
Target Range - Lower Bound		<0.05	<50	1.69	3280	<5	<0.05	<5	170	124000	17.90	80	<5	13	<100	<0.05
Upper Bound		0.24	130	2.06	3840	13	0.17	25	390	>50000	10.00	130	13	34	300	0.13
OREAS-904																
Target Range - Lower Bound																
Upper Bound																
PD1																
PD1																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.05	<50	<0.05	<30	<5	<0.05	<5	<50	<10	<0.05	10	<5	<5	<100	<0.05
Target Range - Lower Bound		<0.05	<50	<0.05	<30	<5	<0.05	<5	<50	<10	<0.05	<10	<5	<5	<100	<0.05
Upper Bound		0.10	100	0.10	60	10	0.10	10	100	20	0.10	20	10	10	200	0.10

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To: SAXIFRAGE GEOLOGICAL SERVICES LTD.
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method Analyte Units LOR	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
STANDARDS						
CDN-PGMS20						
CDN-PGMS20						
Target Range - Lower Bound						
Upper Bound						
OGGeo08		<50	<50	84	<50	7290
Target Range - Lower Bound		<50	<50	72	<50	6700
Upper Bound		100	110	96	100	7740
OREAS 19a						
OREAS 19a						
Target Range - Lower Bound						
Upper Bound						
OREAS-134b		50	<50	6	<50	>50000
Target Range - Lower Bound		<50	<50	<5	<50	164500
Upper Bound		160	130	16	130	>50000
OREAS-904						
Target Range - Lower Bound						
Upper Bound						
PD1						
PD1						
Target Range - Lower Bound						
Upper Bound						
BLANKS						
BLANK						
BLANK						
Target Range - Lower Bound						
Upper Bound						
BLANK		<50	<50	<5	<50	<10
Target Range - Lower Bound		<50	<50	<5	<50	<10
Upper Bound		100	100	10	100	20

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PENDER ISLAND BC V0N 2M2

QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method / Analyte / Units / LOR	Au-ICP21 Au ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5
DUPLICATES																
ORIGINAL		1.080														
DUP		1.090														
Target Range - Lower Bound		1.030														
Upper Bound		1.140														
ORIGINAL		0.003														
DUP		0.003														
Target Range - Lower Bound		0.002														
Upper Bound		0.004														
ORIGINAL		0.676														
DUP		0.678														
Target Range - Lower Bound		0.640														
Upper Bound		0.712														
ORIGINAL		0.280														
DUP		0.156														
Target Range - Lower Bound		0.205														
Upper Bound		0.230														
J488606			<1	3.64	<10	<50	<5	30	2.77	<5	128	14	505	16.25	<50	<5
DUP			<1	3.67	10	<50	<5	10	2.81	<5	133	15	515	16.35	<50	<5
Target Range - Lower Bound			<1	3.48	<10	<50	<5	<10	2.64	<5	121	9	492	15.65	<50	<5
Upper Bound			2	3.83	20	100	10	30	2.94	10	140	20	528	16.95	100	<5
ORIGINAL		0.801														
DUP		0.808														
Target Range - Lower Bound		0.763														
Upper Bound		0.846														

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To: SAXIFRAGE GEOLOGICAL SERVICES LTD.
47312 SCHOONER WAY
PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method / Analyte / Units / LOR	ME-ICP41a K % 0.05	ME-ICP41a La ppm 50	ME-ICP41a Mg % 0.05	ME-ICP41a Mn ppm 30	ME-ICP41a Mo ppm 5	ME-ICP41a Na % 0.05	ME-ICP41a Ni ppm 5	ME-ICP41a P ppm 50	ME-ICP41a Pb ppm 10	ME-ICP41a S % 0.05	ME-ICP41a Sb ppm 10	ME-ICP41a Sc ppm 5	ME-ICP41a Sr ppm 5	ME-ICP41a Th ppm 100	ME-ICP41a Ti % 0.05
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
J488606		<0.05	<50	0.55	370	<5	0.46	36	720	30	9.42	<10	6	130	<100	0.46
DUP		<0.05	<50	0.56	370	<5	0.47	35	710	40	9.48	<10	7	136	<100	0.46
Target Range - Lower Bound		<0.05	<50	0.49	330	<5	0.40	29	640	20	9.07	<10	<5	123	<100	[illegible]
Upper Bound		0.10	100	0.62	410	10	0.53	42	790	50	9.83	20	10	143	200	[illegible]
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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PENDER ISLAND BC V0N 2M2

Finalized Date: 2-SEP-2015
Account: SAXGEO

QC CERTIFICATE OF ANALYSIS VA15125364

Sample Description	Method / Analyte / Units / LOR	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
		DUPLICATES				
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
J488606		<50	<50	74	<50	40
DUP		<50	<50	77	<50	30
Target Range - Lower Bound		<50	<50	68	<50	20
Upper Bound		100	100	83	100	50
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 2-SEP-2015
Account: SAXGEO

QC CERTIFICATE OF ANALYSIS VA15125364

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	CRU-31	CRU-QC	LOG-21
ME-ICP41a	PUL-31	PUL-QC	SPL-21
WEI-21			