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BC Geological Survey
Assessment Report
39527

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

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

TOTAL COST: $21928.88

AUTHOR(S): Delbert W. Ferguson

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2020

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5840031

PROPERTY NAME: BACON LAKE

CLAIM NAME(S) (on which the work was done): BL-W, BL-E, BL-S, Bacon Lake

COMMODITIES SOUGHT: Fe, Cu, Au, Zn, Co

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F256, 092F038, 092F097, 092F124, 092F676

MINING DIVISION: Nanaimo

NTS/BCGS: 092F/13E

LATITUDE: 49 ° 57 ' 52 " LONGITUDE: 125 ° 37 ' 35 " (at centre of work)

OWNER(S):
1) WESTERN GATEWAY MINERALS INC.
2)

MAILING ADDRESS:
SITE 41, COMP 12, RR #2 GALIANO ISLAND, B.C.
V0N 1P0

OPERATOR(S) [who paid for the work]:
1) WESTERN GATEWAY MINERALS INC.
2)

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
MAGNETITE CALC-SILICATE SKARN, KARMUTSEN FORMATION, QUATSINO LIMESTONE, ISLAND INTRUSIVES

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 16321, 17395, 18946, 21193, 31321, 31508, 32805, 33963, 38808

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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	1:5,000	1082812, 1082824, 1082825, 1082826	5482.22
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	0		
Silt	19	1082812, 1082824, 1082825, 1082826	2571.54
Rock	94 - Au,Cu,Fe,Ag,Zn,Mo,W,Rb,Sr,Y,Zr,Nb,Cd,Co	1082812, 1082824, 1082825, 1082826	5482.22
Other	Sn, Sb, As,Ca,Ti,V,Cr,Mn,Se,Mg,Si,Al,P,S,K		
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	XRF Geochemical, AuME-TL44	1082812, 1082824, 1082825, 1082826	2910.68
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:5,000	1082812, 1082824, 1082825, 1082826	5482.22
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:	$21928.88

Aztec File #2107-BL-WGM

Report on 2020-2021 Exploration

Mineral Tenures 1082812, 1082824, 1082825, 1082826 Bacon Lake Property

Nanaimo Mining Division, BC

NTS 092 F/13E
Latitude 49°57'52"N / Longitude 125°37'35"W

Prepared for:

Western Gateway Minerals Inc.

Prepared by:

Del W. Ferguson, P.Geo., PLEng., FGAC, FGC

Aztec Geoscience Inc.
E-mail: dferguson@aztecgeo.ca

July 2021

Executive Summary

The Bacon Lake Property, is currently being explored by Western Gateway Inc. Minerals (WGM), who is also the Mineral Tenure holder of the property, totaling a landmass of 1,413.25 hectares, located west of Campbell River on Vancouver Island, British Columbia.

The known property mineralization is primarily contained in massive magnetite pods or ribbon-like lenses, coursing through limestone, granodiorite intrusives and andesitic to basaltic volcanic rocks. These are classified as calcic iron skarns, a deposit type that occurs in several areas throughout Vancouver Island. These occurrences are generally developed on or near limestone and volcanic rock contact areas with later phase intrusive rocks.

Historical records indicate interest for minerals in the area staring in 1916 and focused on copper mineralization along Elk River (now Upper Campbell Lake). Further documented exploration work was performed by a number of different operators starting from the early 1950's through into the 1960's and again during the late 1980's, focusing mainly on magnetite deposits on the east side of Bacon Lake. In the following years the property underwent small-scale exploration and prospecting that continued into 2000. In 2010 a helicopter aeromagnetic survey covering the current property surrounding Bacon Lake was completed for WGM. This survey identified numerous magnetic high anomalies across the property. Work in early 2012 consisted of 7 diamond drill holes totaling 588m all of which were located along the Bacon Lake East road, on the southeast side of Bacon Lake.

The 2020 exploration program consisted of prospecting, geological mapping, rock sampling (94 samples) and stream sediment sampling (19 samples). Results of the stream sediment sampling program did not identify specific targets for further exploration on the Bacon Lake Property. The Pod 1 magnetite lense was extended an additional 120 metres southward from the previously identified area and several other small magnetite bands were discovered. Many of these, but not all, carry strong anomalous Cu and Zn values and indictors of local Au and Co. As such, Fe skarns remain the focus on this property.

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1.0 Introduction

1.1 Terms of Reference / Objectives

This is a report on continued geological mapping, prospecting, stream sediment sampling and XRF analysis carried out on Tenure #511635 over Western Gateway Minerals Inc.'s Bacon Lake Property from May 7 to August 27, 2020 and June 22, 2021. Report compilation was done from December 2020 through July 2021. All works were completed by the author. A discussion of results is included in this report.

1.2 Location, Access & Infrastructure

The property is accessed via Highway #28 (Gold River Highway, which heads west from Campbell River) onto Strathcona Dam Rd., which crosses over the Campbell Lake hydro dam, before joining Bacon Lake Main which proceeds westward before heading south along the west side of Bacon Lake. It is approximately 40 kilometres into the heart of the property from Campbell River, BC. There are several forestry roads built and maintained by Mosaic Forest Management ("Mosaic") that provide good access throughout the remaining 1413 ha property area, whilst some of these are overgrown.

Travel directions by GPS: Zone 10
Junction Hwy #19A/Hwy #28, Campbell River .... 337033 m E 5544840 m N
follow Hwy #28 westward to Strathcona Dam Rd …… 315748 m E 5538540 m N
turn right and follow Strathcona Dam Rd across dam to ....314564 m E 554162 m N
turn left onto Bacon Lake Main and follow westward past Becher Lake entering the northern region of the property.

The City of Campbell River (Pop 35,000) is Vancouver Island's third largest city providing ample services that facilitate the resource sectors of mining, logging and fishing. The city currently is the chosen location for many who work at Nyrstar's Myra Falls Mine operation, the former Quinsam Coal and other mine related services. The Bacon Lake property location falls within a reasonable commute from the Campbell River community. Concentrates originating from the Myra Falls and Quinsam operations are shipped using the Campbell River sea-loading terminals. BC Hydro's double 138,000 volt transmission line to Gold River passes through the Bacon Lake Property.

FIGURE 1: Bacon Lake Location Map

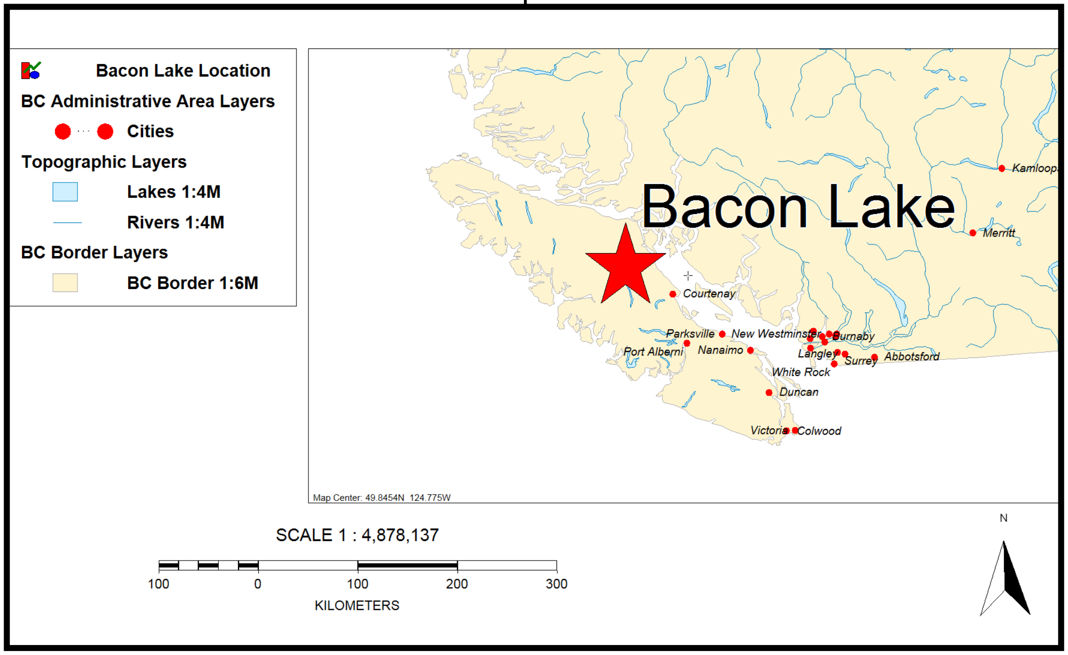
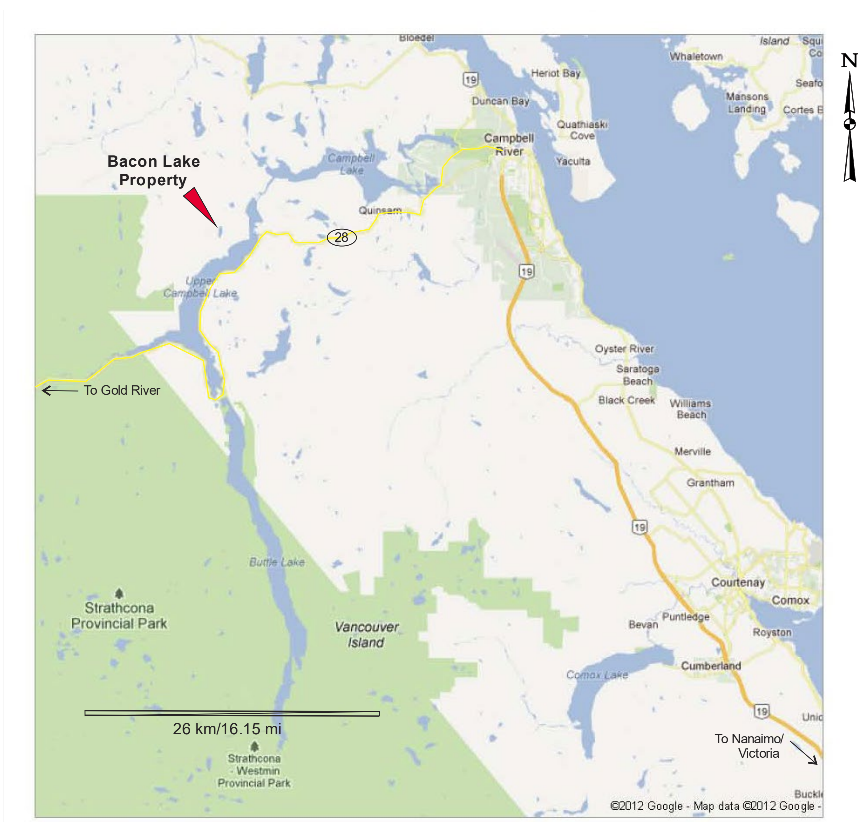


FIGURE 2: Bacon Lake Location/Access Map



1.3 Legal Property Description & Ownership

The surface rights are held by TimberWest Forest Company, currently administrated by Mosaic Forest Management, who also maintains the road networks throughout the area. The Bacon Lake Property (Table 1) held by Western Gateway Minerals Inc. covers an area 1,413.25 ha (3,490.7 acres) bordered by Upper Campbell Lake to the south and east and Ranald Creek on the west.

Table 1 – Bacon Lake Tenure

Tenure #	Claim Name	Ownership	Hectares	Expiry Date
1082825	Bacon Lake	Western Gateway Minerals	665.01	Aug 24, 2021
1082826	BL-S	Western Gateway Minerals	41.58	Aug 24, 2021
1082824	BL-E	Western Gateway Minerals	124.68	Aug 24, 2021
1082812	BL-W	Western Gateway Minerals	581.98	Aug 24, 2021

Western Gateway Minerals Inc. is a privately held BC corporation the major shareholders who are David Fawcett (Vancouver) and Joseph Paquet (Campbell River).

There are no Indian Reserves, First Nations Treaty Lands or First Nations Treaty Related Lands indicated within the immediate map region and claim boundaries. However, the area is classified under the Hamatla Treaty Society and designated as part of the K'omoks First Nations land claim. It is also with the consultative areas of Wei Wai Kum First Nation, We Wai Kai Nation, K’omoks First Nation, Laich-kwil-tach Treaty Society and Nanwakolas.

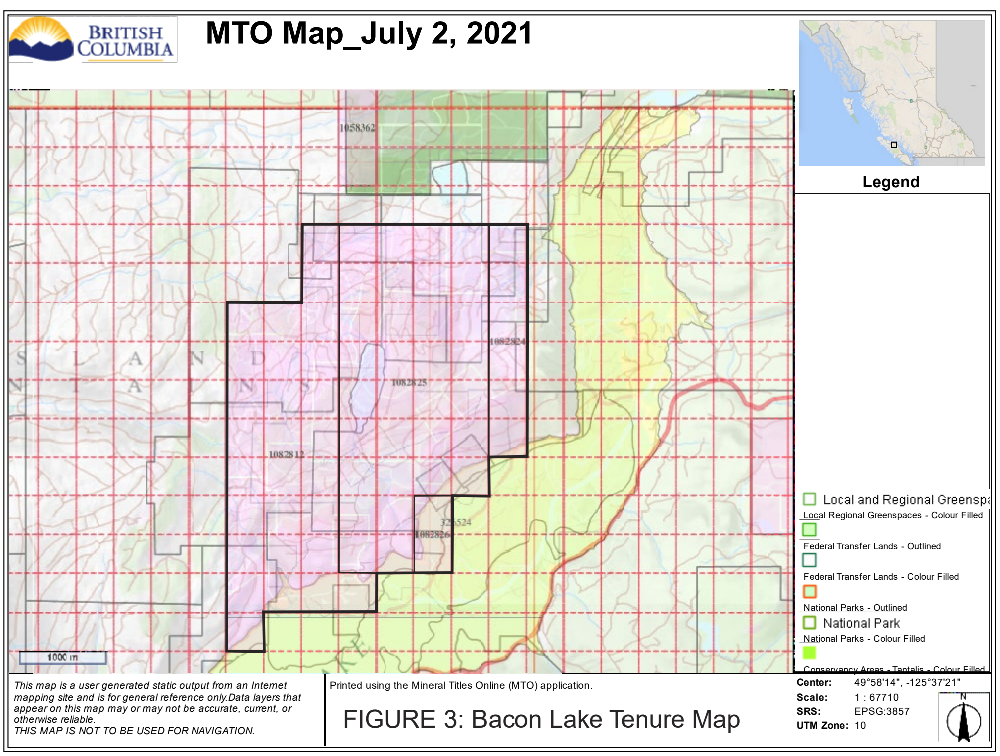


FIGURE 3: Bacon Lake Tenure Map

1.4 Physiography

Vancouver Island is the largest island along North America's western shoreline, being 451 km long and a maximum of 126 km wide. Most of its area is mountainous with peaks rising to 2000 m elevation. Central valleys often contain finger-lakes and the west coast is largely fiord-ridden. Most of the east coast along the Strait of Georgia consists of lowland plains of the Georgia Depression.

The Bacon Lake Property is in the eastern foothills of the Vancouver Island Range Mountains, just west of the planar lowlands. Elevations of this rolling landscape range from 220m (adjacent to Upper Campbell Lake) to 630m above sea level, on a hilltop NE of Bacon Lake (Bacon Hill). Bacon Lake (390 m ASL) rests in a wide plateau valley stretching north-northeast towards Becher Lake. There has been recent logging within the Bacon Lake mineral tenure and active logging is current on the property both east and west of Bacon Lake. An extensive road network exists over the claim area; most are drivable, but many former access structures are overgrown. Bedrock outcrops are abundant and the surficial mantle of glacial origin varies greatly over the property occurring as pockets between bedrock hillocks and as thick blankets in valleys and on lower ridge sides.

1.5 Climate and Vegetation

The property is predominantly covered by second growth and regenerating Douglas Fir, Western Hemlock and Western Red Cedar forests of the Coastal Western Hemlock Biogeoclimatic Zone. The climate is dry maritime, with an annual precipitation of 1516 mm mostly in the form of rainfall, (Climatewna.com_Normal_1981-2010) and mean annual temperatures of 7.9°C. Summer temperatures average 15°C and winter temperatures average 1.4°C. Seasonal precipitation patterns are typical of coastal British Columbia. Precipitation is lowest in spring and summer seasons, averaging 215 mm over the six months. It jumps up to an average of 543 mm over the six months comprising fall and winter. Precipitation is expected to increase by approximately 100 mm in this region by 2055 (CanESM2_rcp45_2055). Snow accumulations of up to 1 metre are normal throughout the region during winter months.

1.6 Acknowledgements

The author would like to thank Joe Paquet, prospector, for his continued input and dialogue concerning the Bacon Lake Property.

1.7 Property History

The first recorded work in the Bacon Lake area was the Sumpter workings (Minfile # 092F 124) consisting of a 5m shaft on the western shore of Upper Campbell Lake in 1916. The shaft was sunk into a garnet-epidote skarn at the contact of granodiorite and limestone. Mineralization was reported as disseminated bornite, chalcopyrite and magnetite. A sample from the bottom of the shaft assayed 96 gm/tonne Ag, 3% Cu and trace Au. The mineralized zone extends for 23m along a 040º bearing from the shaft.

Also early on, a magnetite-pyrrhotite-chalcopyrite skarn exposed in Greenstone Creek (north of Bacon Lake Property) – Minfile # 092F 237 was worked from 1916 to 1917, resulting in the mining of 83 tonnes of ore producing 14, 018 kgs of copper, 4,074 gms of silver and 31 gms of gold. Workings consisted of several large open-cuts and two adits, with possibly three more adits driven in the years following (pre-1955).

Apart from some non-documented mining exploration that occurred during the 1930's recorded work commenced in the 1950s, when the Bacon Lake area was roaded and logged by Elk River Timber Co. In 1951, B.C. Iron Ore Development Co. Ltd. carried out a magnetometer survey, mapping, pitting and channel sampling and a 19-hole diamond drilling on magnetite skarn deposits in the area. Drilling took place on the southeast side of Bacon Lake (East Bacon Lake Road), and most drill locations were confirmed in the field during the Minland Project in 1997. Partial drill logs show drill holes intersecting interbanded crystalline limestone, garnetite and epidote, magnetite, volcanics and diorite. Assays from twelve x-ray drill holes were reported on in a 1952 report by A.H. Upton.

The area of the main showing drilled and channel sampled is approximately 100m in length (north-south trend), with the magnetic anomaly of this area (Pod 1) being approximately 200m long by 100m wide. Magnetite intersections occurring from surface to 17.5m depths ranged from 2m to 10.5m wide in the seven drill holes, with average width of 4.8m grading average values of 45% Fe.

Five drill holes in Pod 2, north up East Bacon Lake Road from the “main showing”, showed magnetite intersections occurring from surface to 17.5m depths; ranging from 2m to 8m wide, with average width of 5.7m grading average values of 45% Fe. The magnetic anomaly of this area (Pod 2) is approximately 500m long by 100m wide.

During 1960 Falconbridge discovered a new magnetite zone on Bacon Hill, approximately 1km northeast of the main showing, while “running air mag over a geologically favourable area” in 1960. There were no known outcrops of magnetite on this claim at the time, but overburden was considered to be less than 3m. In 1961 three diamond drill holes (sharing the same collar location) and one packsack drill hole, located approximately 30m to the east, all penetrated magnetite sections (Bacon Showing – Rock Minfile #092F 038) on the hill to the NE of Bacon Lake in 1961.

This drilling falls approximately within the (Pod 4) magnetic anomaly, but the exact location has not been verified. Magnetite intersections occurring from 1m to 19m depths ranged from 3.5m to 9m wide in the four drill holes, with average width of 6.5m grading average values of 30% Fe.

Minfile #092F 098 (Greenstone Creek) outlines a 1.5km wide by 8km long band of Upper Triassic Quatsino Formation limestone striking NW from Greenstone Creek immediately north of the Bacon Lake Property. The limestone bed dips NE, bounded to the east by Bonanza Group volcanics and sediments and to the west by Karmutsen basaltic volcanics. The band is truncated to the south by a NE trending fault. Chip samples taken by Gunnex Mines in 1965 along a 45m length of canyon wall on Greenstone Creek (main showing) returned an average of 1.18% Cu (trace Au and Ag) largely from the magnetite-pyrrhotite skarn band. In 1967, underground and surface drilling (>1000 feet) was conducted on the Greenstone Creek Property by Georgia Mines Ltd. This work showed high grade lenses (up to 4% Cu and up to 5m intersections) within a diopside-garnet skarn approximately 5m lower than the main surface showing. More geological data collection was recommended in a compilation report undertaken by E.A. Lawrence in 1998 (ARIS Report #25809), but no further work has been reported.

Minfile #092F 097 (Upper Campbell Lake) specifies a report by the Geological Survey of Canada 1968 of a 1.75km long by 500m wide trace of Upper Triassic Quatsino Formation limestone striking NW from the western shores of Upper Campbell Lake to the SW side of Bacon Lake. This limestone band dips NE and is bounded by granodiorite on the east and Karmutsen basalts on the west.

In the late 1980s renewed work in the area by Sawiuk, Brownlee and Gosse targeted magnetite, copper, gold and cobalt skarn resources primarily on the east side of Bacon Lake (Bacon Claim – ARIS Reports #16321, 17395, 18946 and 21193) and west of Becher Lake (Julia Claim – ARIS Reports # 17405 and 18947).

In 1997 the Minland Project under the guidance of C.C. Rennie, P.Eng., undertook prospecting, stripping, hand trenching and channel sampling over the old road and showings along the SE side of Bacon Lake (ARIS # 25513A). Mineral exposures and surrounding geology were mapped at a scale of 1:5,000. A summary report (CC Rennie, Dec. 1997) reiterated that the Bacon Lake Property hosts a large area of magnetite and sulphide-bearing skarn in limestone and altered volcanics intruded by granodiorite. Magnetite is the most obvious mineral target with bands up to 3m thick. Gold assays were interesting, yet variable possibly due to the nugget effect. No free gold has been detected to date. There appears to be a strong gold correlation (up to 61gm/t gold) with cobalt (erythrite and cobaltite) but this has not been confirmed in petrography. One sample of massive magnetite (sample 38) revealed 8.6gm/t gold. Four quadrants over known showings on either side of East Bacon Lake Road were channel sampled. From 67 samples analyzed (0.5 to 5m lengths), magnetite sections ranged from 20 to 65% Fe, whereas silicified volcanics containing magnetite showed commonly lower Fe content.

In May 2008 an internal geological evaluation of the Bacon Lake Property was undertaken by Finley Bakker, P.Geo. He concluded that magnetite was visible on surface in a half dozen possibly isolated outcrops over lengths up to 300m and widths of up to 10m and heights of 8m. At most exposures magnetite is massive and at some it is disseminated throughout the volcanics.

In 2009 a second ground magnetometer survey was undertaken over an established cut grid. Stations were at 10m intervals and at intervals along East Bacon Lake Road, the power line road and along the southern edge of the power line right-of-way. Resulting interpretations showed a strongly defined northwest-trending anomaly following the known main showings and a second weaker anomaly approximately 50m to the east. The main anomaly remains open to the south. Isolated highs exist along East Bacon Lake Road to the northeast of the main showings.

On February 16th, 2010 a helicopter-borne magnetic survey was conducted over the Bacon Lake Property by Aeroquest Limited (Job #10-022). The total survey coverage was 180.5 line kilometres, of which 165.6 line kilometres fell within the defined project area. The survey was flown in a 90°/270°line direction. Results of this survey corresponded with former on-the-ground smaller surveys and indicated the strongest magnetic anomaly trending northward along the ridge side east of Bacon Lake, where most of the known showings exist. In addition, the survey outlined several other north trending anomalies which serve to provide potential targets for further exploration efforts on the Bacon Property (ARIS # 31508).

A 2011 roadside soil sampling program was conducted over Western Gateway Mineral's Bacon Lake Property (ARIS # 32805). Samples were collected at 50m spacing on the upside of selected roads on the Bacon Lake Property and sent to Acme Labs in Vancouver for ICP-ES analysis of 32 elements. Basic statistical analysis of the results showed the strongest element association of potentially economic value to be the Cu-Ni-Co-Fe-Cr-Mg-Ti (±Zn) trend.

In February 2012, 7 diamond drill holes, totaling 423 m, were drilled to test the mineralization located within aeromag anomaly Pod 1 and Pod 2 (ARIS # 33963). These zones had corresponding ground and aerial magnetic, anomalies that were north trending, in conjunction with several sampled trenches and showings that had recorded magnetite mineralization. Four dill sites were established along the existing East Bacon Lake Road, thereby minimizing site disturbance. Sites were specifically chosen to be proximal to near-surface bedrock, thereby avoiding excessive overburden depths.

From surface to 100 m depths, varying thicknesses of granodiorite, andesite porphyry, limestone, and calc-silicate skarn with massive magnetite horizons were intersected. Granodiorite and andesite porphyry, often intercalated, showed varying degrees of epidote-chlorite alteration and zones of silicification, bleaching and K-spar flooding. These lithologies were often cut by pyrite, chalcopyrite, pyrrhotite, magnetite stringers, veinlets and fractures as well as disseminations. Major alteration minerals within calc-silicate skarns were epidote and chlorite, with garnet-flooded zones. Massive magnetite sections within the calc-silicate skarns ranged from 1 m to 11 m intersections also carried pyrite, pyrrhotite ± chalcopyrite and arsenopyrite.

One sample of massive magnetite from each drill hole was analysed using the Davis Tube procedure. This method separates magnetite by running the sample through a constant voltage to produce a magnetite (concentrate) portion (Fe_3O_4) and a non-magnetite portion (wustite - FeO and hematite - Fe_2O_3). Results of this analysis show that magnetite content is between 54 and 93% of the total Fe in the samples selected for Davis Tube analysis (average of 73%).

Although elevated values were obtained for several elements, including Rare Earth Elements (REE) a cursory view of the most anomalous results can best be summed up in the following table. Most of these values are spotty throughout the drill hole.

Table 2: Anomalous Elements in 2012 DDH Sampling

Drill Hole #	Anomalous Element
BL-12-1	Cu, Au, Co, Sr, Zr, La, Ce
BL-12-2	Cu, Sr
BL-12-3	Sr
BL-12-4	Cu, Au, Zn, Sr
BL-12-5	Au, Zn, Sr
BL-12-6	Cu, Zn, Co, Sr
BL-12-7	Cu, Co, Sr, Zr

Three of the eleven aeromagnetic anomalies are related to magnetite skarns as determined from current drilling and historic channel sampling, trenching and drilling efforts. As the geometries of the other eight anomalies are similar and they occur along the same NE trend, it is reasonable to suggest they are also related to magnetite mineralization. The apparent northerly strike of the pods conforms to the strike of the regional geology and suggests preferential replacement of certain units. The shape of the anomalies suggests the skarns are podiform but continuous over several hundreds of metres along strike.

The 2019 exploration program (ARIS # 38808) focused mapping and ground magnetometer surveys over aeromag-highs of Pods 1, 2, 3, 4, 5, 6 & 7 and determined that there is limited surface exposure of magnetite bands and associated skarns along the east side of Bacon Lake. The surface exposure of these bands are limited to Pod 1, Pod 2 and a very small exposure in Pod 4. Combined, these do not support a currently feasible economic size potential for magnetite as the sole commodity.

Past exploration efforts in the Bacon Lake area have focused largely on magnetite as a commodity, but a common feature within many skarn-type deposits is the presence of base and precious metals. The magnetite deposits along the east side of Bacon Lake display a presence of both zinc-copper and minor gold values (±Co and REE), as sampled in previous trench work, the 2012 drill core analysis and in the 2019 rock sampling. Thus far, sampling does not display continuity of mineralized zones (other than Fe). The Bacon Lake Property does show potential for base and precious metal deposits, being in contact terrane and containing known Cu, Zn and Au mineralization.

2.0 Property Geology & Mineralization

Most work done on the property to date (Dr. H.C. Gunning, 1931; Dr. J.E. Muller, 1964) indicates that the Bacon Lake Property is underlain by Mid to Upper Triassic (230 to 210 mya) Vancouver Group Karmutsen Formation basaltic volcanics throughout its western half. Historical property work also indicates that Upper Triassic Vancouver Group Quatsino Formation limestone bands trend northwesterly and northerly through the centre of the property near the contact with an Early to Middle Jurassic (200 to 170 mya) Island Intrusive Complex granodiorite which underlies much of the area east of Bacon Lake. Lower Jurassic (210 to 190 mya) Bonanza Group of calc-alkaline volcanics and associated metasedimentary rocks (limestone, argillite, siltstone etc.) underlies the northeast corner of the claim (refer to Figure 4). In general, this geology has only been determined by scant regional mapping efforts and to the author's knowledge no past efforts have attempted to map the outcrops beyond known mineral occurrences. The 2020 exploration efforts succeeded in further geological definition throughout the Bacon Lake property.

Magnetite-pyrrhotite-pyrite-chalcopyrite skarn mineralization is generally confined to limestone and volcanic lenses (pods) adjacent to intrusive contact areas. These skarns host sporadic but significant values of iron, copper, silver, cobalt and gold as veinlets, stringers, fracture coatings and disseminations and massive lenses. Skarns (otherwise know as Tactites) are most often formed at contact areas between granitic intrusions and carbonate sedimentary rocks. The word "Skarn" is an old Swedish mining term describing a type of silicate gangue associated with iron-ore bearing sulphide deposits. In more modern usage it refers to calcium-bearing silicates. Skarns are formed by silica, iron, aluminum and magnesium-rich hot geothermal waters off the granitic magma mixing and dissolving portions of the calcium-rich carbonate rocks (limestone). The carbonate host rocks and sometimes adjacent rock types (i.e. volcanics) are converted to skarns in a process referred to as “metasomatism”. Locally alteration and mineralization may also occur within the intrusive rock and is referred to as “endo skarn”. Granodioritic intrusions along the contact with limestones east of Bacon Lake do have a notable increase in magnetite content in margin areas. Therefore, a magnetite-rich endo skarn may be responsible for high magnetic signatures on the property, in addition to the identified skarns.

As a general rule, skarn deposits are irregular, difficult to trace and variable in mineral type and content. They often contain pockets of very high-grade mineralization and occasionally have sufficient low grade surrounding mineralization for larger bulk tonnage reserves. Often contacts between limestone, intrusives and associated volcanic rocks are irregular with arms or “apophyges” of intrusives invading the surrounding rock. There are commonly abrupt boundaries between altered and unaltered rock and high-grade mineralization is often noted along contacts of these alteration differences or between rock types. Typical skarn-related minerals include garnet, actinolite, epidote, magnetite, wollastonite and clinopyroxene.

Some classic skarns are associated with porphyry copper deposits (e.g. Twin Buttes, Arizona and Bingham Canyon, Utah), indicating a relatively shallow depth of emplacement (1 to 10+ km). Skarns can be associated with potentially economic accumulations of metallic ores and as they have been divided up into seven major classes (Fe, W, Au, Cu, Zn, Mo and Sn). They sometimes host rare earth minerals in significant quantities.

Fe skarn deposits are generally the largest and are typically calcic iron skarns in oceanic island arc settings, associated with Fe-rich plutons intruded into or along limestone and volcanic wall rocks. Most Vancouver Island skarns have been placed within this class having typical skarn mineralogy of garnet, pyroxene and epidote and ore mineralogy of dominantly magnetite (±chalcopyrite, pyrite, pyrrhotite, cobaltite, arsenopyrite and gold).

The most worked on magnetite outcrop exposed to date on the property (Pod 1) has an estimated mineral resource (Fe) of approximately 376,000 tonnes as exposed on surface. This outcrop occurs on the east side of Bacon Lake, west of East Bacon Road, and was the primary drill target of the 2012 drill program. Pod 2 magnetite exposures, east of East Bacon Road have an estimated mineral resource (Fe) of approximately 1,316,000 tonnes as exposed on surface. Pod 4, on Bacon Hill Ridge, has an estimated mineral resource (Fe) of approximately 183,300 tonnes as exposed on surface.

Much of the eastern and southern areas of the Bacon Lake Property are underlain by granodiorite intrusive rocks, part of a much larger intrusive complex. Showings of disseminated, veinlet and fracture copper mineralization occur within the intrusive rocks on the property, particularly along Elk Main paralleling the north shore of Upper Campbell Lake. New logging roads southwest of Bacon Lake have exposed strong pyrite concentrations in veinlets, disseminations and masses as well as weak chalcopyrite and malachite staining on fracture surfaces within silicified granodiorite.

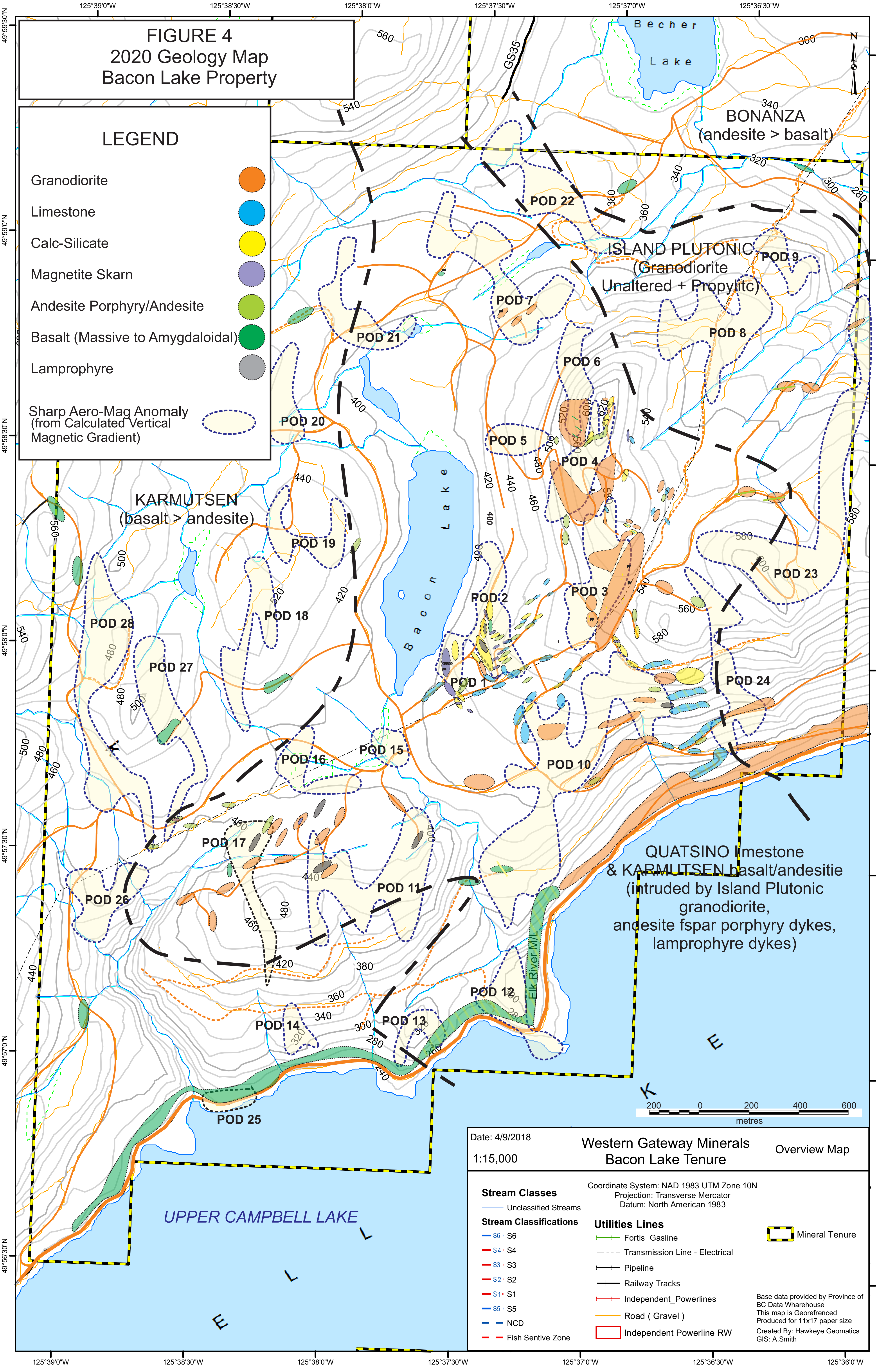


FIGURE 4
2020 Geology Map
Bacon Lake Property
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
Sharp Aero-Mag Anomaly (from Calculated Vertical Magnetic Gradient)
Becher Lake
BONANZA (andesite > basalt)
ISLAND PLUTONIC (Granodiorite Unaltered + Propylitc)
KARMUTSEN (basalt > andesite)
QUATSINO limestone & KARMUTSEN basalt/andesitie (intruded by Island Plutonic granodiorite, andesite fspar porphyry dykes, lamprophyre dykes)
Bacon Lake
UPPER CAMPBELL LAKE
Elk River M/L
GS35
POD 1
POD 2
POD 3
POD 4
POD 5
POD 6
POD 7
POD 8
POD 9
POD 10
POD 11
POD 12
POD 13
POD 14
POD 15
POD 16
POD 17
POD 18
POD 19
POD 20
POD 21
POD 22
POD 23
POD 24
POD 25
POD 26
POD 27
POD 28
125°39'0"W
125°38'30"W
125°38'0"W
125°37'30"W
125°37'0"W
125°36'30"W
125°36'0"W
49°59'30"N
49°59'0"N
49°58'30"N
49°58'0"N
49°57'30"N
49°57'0"N
49°56'30"N
200 0 200 400 600
metres
Date: 4/9/2018
1:15,000
Western Gateway Minerals
Bacon Lake Tenure
Overview Map
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
NCD
Fish Sentive Zone
Utilities Lines
Fortis_Gasline
Transmission Line - Electrical
Pipeline
Railway Tracks
Independent_Powerlines
Road (Gravel)
Independent Powerline RW
Mineral Tenure
Base data provided by Province of BC Data Wharehouse
This map is Georefrenced
Produced for 11x17 paper size
Created By: Hawkeye Geomatics
GIS: A.Smith

3.0 2020 Exploration Program

Exploration works on the Bacon Lake Mineral Tenure began on May 7, 2020 and continued sporadically to June 22, 2021. The program consisted of prospecting, XRF rock sampling, geological mapping and stream sediment sampling.

3.1 Stream Sediment Sampling

The purpose of the 2020 stream sediment sampling program on the Bacon Lake Property was to determine the presence of potential anomalous elements that may be associated with the Fe-rich magnetite skarns in this contact terrane. A total of 18 stream sediment samples were collected from streams on the Bacon Lake Property between May 22 and June 17, 2020 (Figure 5). The initial plan was for a more detailed sampling of property streams, but the field properties of many of the streams prevented accumulation of bedload due to very small, low transport channels or low gradient streams in bogs. No streams exist in proximity to known mineral showings or prospects.

Methodology

All samples were collected with a shovel from stream bed accumulation sites. Sample sizes ranged from 3.4 kg to 7.8 kg and sediments ranged from small cobble (< 5 cm) to <2 mm in size. Samples were placed in a heavy plastic rock sample bag, tagged and labeled and delivered to Comox where Del Ferguson, P.Geo. conducted a systematic XRF analysis for each rock sample. The whole sample was analyzed twice, then sieved through a 200 mm mesh (sampled both >200 mm and <200 mm), then sieved through a 2 mm mesh (sampled >2 mm and <2mm). Refer to Appendix II for results.

The C Series Vanta™ handheld XRF (X-Ray Fluorescence) analyzer used for the sampling has superior speed, limits of detection (LODs) and elemental range. This model is equipped with a silicon drift detector (SDD) and a rhodium (Rh) anode 40kV X-ray tube. The primary method is a GeoChem (2 beam) Calibration with analysis for geochemical samples measuring Mg, Al, Si, Ca, S, P, Ti, V, Cr, Mn Fe, Co, Ni, Cu, W, Zn, Hg, As, Pb, Bi, Se, Th, U, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb, Au. Values are reported in Appendix II.

Quality control was achieved by:

1) Cleaning the sample by brushing away any soil or loose detritus;
2) Holding the XRF analyzer tube at the sample location for 30 seconds on Beam 1 and 15 seconds on Beam 2, resulting in averaging of values in the final readout;
3) Downloading geochemical results from the XRF to a hard drive via a .csv spreadsheet;
4) Cleaning up the spreadsheet in .xlsx format;
5) Consolidating stream sampling speadsheets into Appendix II
6) Plotting sample locations are on Stream Sediment Sample Map, Figures 5

The resulting <2 mm sized samples were poured into kraft bags and shipped to ALS Canada Ltd. laboratories in North Vancouver to be screened to a -180 um mesh and analyzed using their 50 gram Trace Au + Multi-Element package (Code AuME-TL44) in order to obtain low level gold in sediments.

The ALS methodology subjected the samples to aqua regia digestion and ICP-MS finish, where gold anomalies indicating mineralization below surface are well-characterized. Aqua regia dissolves native gold as well as gold bound in sulfide minerals; however, depending on the composition of the sediment, gold determined by this method may or may not match recovery from fire assay methods. Following this, multi-element packages were read from the same digestion solution as trace level gold for a complete exploration tool. Refer to Appendix I for results.

Discussion of Analytical Results

In most samples, the AuME-TL44 analysis showed higher element values than did the XRF samples in the <2 mm size. However, similar or greater values resulted in the XRF >2 mm mesh fraction as those detected by the lab analysis. There were a few elements that did not follow this pattern (i.e. Ca, S and Y) and instead showed higher values detected by the XRF. Au, Ag and Co values were not detected on the XRF analyzer, but reported in the trace element lab analysis, albeit Au and Ag values were very low.

Seven relevant elements (As, Cu, Co, Cr, Fe, V, Zn) were chosen for analytical comparison purposes of anomalous results. 90th Percentile anomalies are outlined in Table 3. AuME-TL44 values are shown on Figure 5. Analytical results are presented in Appendix 1 and Appendix 2.

Table 3: Stream Sediment Sample Anomalies

Stream Sediment Sample Number	AuME-TL44 Anomalous Elements (90 Percentile)	XRF Anomalous Elements (90 Percentile)	Location	Geology
1		As, V	Drains east edge of Bacon Ridge	Granodiorite
2	**Zn**	**Zn**	Drains east edge of Bacon Ridge	Granodiorite
3	**As, Cr**	**As, Cr**	Drains northeast edge of Bacon Ridge	Contact area of granodiorite and Bonanza andesites
4	Co, **Cr, Fe**	**Cr, Fe**	Drains swamp north of Bacon Ridge	Granodiorite
5	V	Cr	Drains southeast-facing ridge west of Becher Lake	Contact area of altered granodiorite and Karmutsen basalts (± Quatsino limestone, calc-silicate)
6	**Cr, Fe, V**	Cu, **Cr, Fe, V**	Drains east-facing ridge on west side of property	Karmutsen basalts
6A		Cr, Fe	Drains east-facing ridge on west side of property	Karmutsen basalts
7	**Cr**	As, Cu, **Cr**, Fe, V	Drains east-facing ridge on west side of property and hill west of Bacon Lake	Karmutsen basalts
8	**As**	**As**, Cu, Fe, V, Zn	Ranald Creek drains east-facing ridge on west side of property	Karmutsen basalts
9		Cr, Fe, V	Ranald Creek drains east-facing ridge on west side of property	Karmutsen basalts
10		Fe, V	Ranald Creek drains east-facing ridge on west side of property	Karmutsen basalts
11		As, V	Drains east-facing ridge on west side of property	Karmutsen basalts
12		Fe, V	Ranald Creek gully drains terrain to east and west	Karmutsen basalts
13	Cu, Zn		Bacon Creek drains Bacon Lake	Altered Karmutsen basalts

14		As, Cr, Zn	Drains south facing ridge west of Bacon Creek	Altered Karmutsen basalts
15		Cr, Zn	Lower Bacon Creek next to Elk Main	Altered Karmutsen basalts
16	Co	Cu, V	Drains into Ranald Creek, southwest of Bacon Lake	Altered granodiorite, monzonite with lamprophyre, andesite and basalt dykes
17			Upper Bacon Creek drains Bacon Lake	Contact area of altered granodiorite and Quatsino limestone, calc-silicate
18		V	Drains northwest-facing ridges on southeast edge of property	Granodiorite

*__Bold__ indicates anomalous element values obtained from both analytical methods.

In summary, there are no apparent indicator elements specific to the known geology or identified mineralization. One deficit with the sampling program is a lack of stream sample sites within areas of known mineralization. This is likely due to rapidly drained locally karstified topography, specific to the Quatsino limestones along the east side of Bacon Lake, that results in lack of stream development. Results of this program did not identify specific targets for further exploration on the Bacon Lake Property.

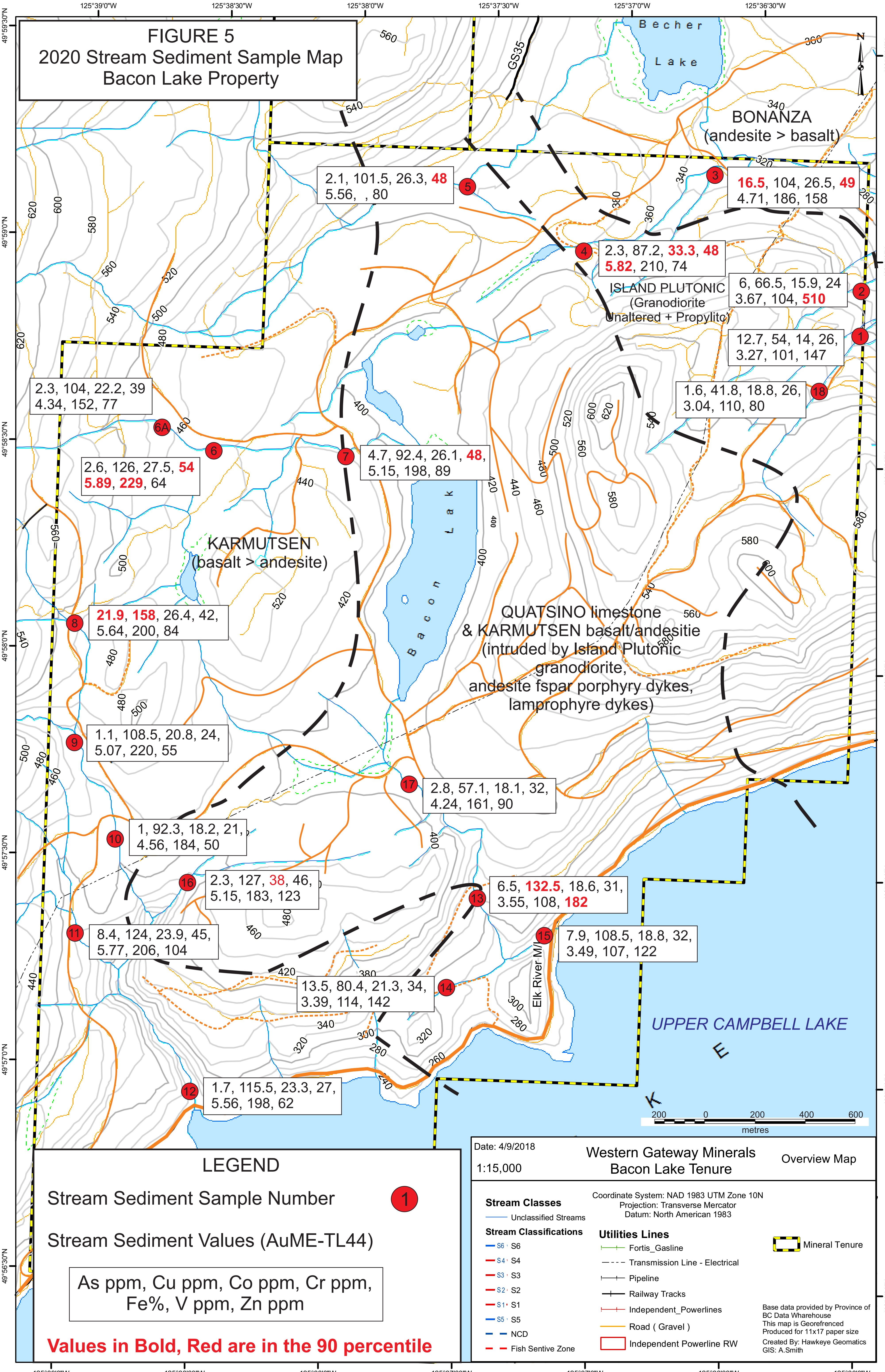


FIGURE 5
2020 Stream Sediment Sample Map
Bacon Lake Property
Becher Lake
BONANZA
(andesite > basalt)
GS35
2.1, 101.5, 26.3, 48
5.56, , 80
16.5, 104, 26.5, 49
4.71, 186, 158
2.3, 87.2, 33.3, 48
5.82, 210, 74
ISLAND PLUTONIC
(Granodiorite
Unaltered + Propylitc)
6, 66.5, 15.9, 24
3.67, 104, 510
12.7, 54, 14, 26,
3.27, 101, 147
1.6, 41.8, 18.8, 26,
3.04, 110, 80
2.3, 104, 22.2, 39
4.34, 152, 77
2.6, 126, 27.5, 54
5.89, 229, 64
4.7, 92.4, 26.1, 48,
5.15, 198, 89
KARMUTSEN
(basalt > andesite)
Bacon Lake
21.9, 158, 26.4, 42,
5.64, 200, 84
QUATSINO limestone
& KARMUTSEN basalt/andesitie
(intruded by Island Plutonic
granodiorite,
andesite fspar porphyry dykes,
lamprophyre dykes)
1.1, 108.5, 20.8, 24,
5.07, 220, 55
2.8, 57.1, 18.1, 32,
4.24, 161, 90
1, 92.3, 18.2, 21,
4.56, 184, 50
2.3, 127, 38, 46,
5.15, 183, 123
6.5, 132.5, 18.6, 31,
3.55, 108, 182
8.4, 124, 23.9, 45,
5.77, 206, 104
7.9, 108.5, 18.8, 32,
3.49, 107, 122
13.5, 80.4, 21.3, 34,
3.39, 114, 142
Elk River M/L
UPPER CAMPBELL LAKE
1.7, 115.5, 23.3, 27,
5.56, 198, 62
200 0 200 400 600
metres
LEGEND
Stream Sediment Sample Number
Stream Sediment Values (AuME-TL44)
As ppm, Cu ppm, Co ppm, Cr ppm,
Fe%, V ppm, Zn ppm
Values in Bold, Red are in the 90 percentile
Date: 4/9/2018
1:15,000
Western Gateway Minerals
Bacon Lake Tenure
Overview Map
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
NCD
Fish Sentive Zone
Utilities Lines
Fortis_Gasline
Transmission Line - Electrical
Pipeline
Railway Tracks
Independent_Powerlines
Road (Gravel)
Independent Powerline RW
Mineral Tenure
Base data provided by Province of BC Data Wharehouse
This map is Georefrenced
Produced for 11x17 paper size
Created By: Hawkeye Geomatics
GIS: A.Smith

3.2 Geological Mapping & Rock Sampling

Reconnaissance geological mapping, prospecting and in situ XRF rock sampling (75 samples) were accomplished over 8 field days; May 7, 14, 22 and 29, June 3 and 17, and August 27, 2020 and on June 22, 2021 by Del Ferguson, P.Geo. Many of the road accessible areas were covered, but there remains areas that have not been assessed to date. For the most part, reconnaissance mapping was conducted and infill and more detailed mapping would be a next step to furthering an understanding of the complex structural, alteration and mineral zonation in this area of "contact" geology. For consistency of reporting, mapping observations and rock sampling from the 2019 survey are included in the following discussion and on maps (Figures 6 through 15).

Mapping confirmed approximate contacts of lithological units on the Bacon Lake Property (Figure 4). The area of most interest is a north-northwest trending area of strongly altered granodiorite intrusive rocks, altered and mineralized Karmutsen basalt and andesite porphyries and Quatsino limestone and calc-silicate rocks. The approximately 1-kilometre-wide area mimics a trend of magnetic highs to the east of Bacon Lake, identified as Pods on Figure 4. The altered package of rocks bulges to approximately 2.5 kilometres wide south of Bacon Lake following magnetic highs characterized by altered basalts, andesite porphyries, altered granodiorite, limestone and calc-silicates, and lamprophyres.

The massive magnetite-pyrrhotite band southeast of Bacon Lake is exposed for approximately 140 m, striking northerly and contained within an epidote and chlorite altered calc-silicate skarn (**Pod 1**). Former drilling of this band showed that bleached intrusives and epidote-chlorite flooded andesite porphyries surround this iron-rich band. Andesite porphyry units and skarn form the dominant lithologies. True widths of magnetite mineralized skarn are estimated as 8 m (2012 drilling). High values of cobalt and gold occur in a pit at the southern tip of the exposed band and copper and zinc values are elevated throughout. Surface sampling along Pod 1 in 2019 showed anomalous Fe as expected and sporadic Cu, As and Co anomalies. In 2020, this band was traced for another 120 m south of Road BCL62 to exposures within the hydro transmission corridor, establishing a total length of magnetite mineralization of 260 m (Figure 9 – Map 4). Surface sampling of the southern extension of Pod 1 in 2021 showed consistently anomalous Fe and low reporting for other elements.

The massive magnetite-pyrrhotite band on the east side of Road BCL62 (**Pod 2**) is exposed intermittently for approximately 280 m, striking northwest through dominant limestone terrain and contained within epidote-chlorite altered calc-silicate skarns. The same alteration and stringer and disseminated mineralization extends into adjacent andesite porphyry units and narrow felsic intrusives. True widths of magnetite mineralized skarn are estimated as 10 m (2012 drilling), although magnetometer results indicate that this band may dip eastward, which was the direction of drilling from Road BCL62. Surface sampling along Pod 2 in 2019 showed anomalous Fe as expected and sporadic Cu and Zn anomalies (Figure 9 – Map 4).

Between Pod 2 and Pod 3 and north of Pod 10, an approximately 200 m wide zone of alternating limestone, calc-silicate skarn, andesite tuff and lesser bleached intrusives strike northwest (Figures 9 & 12 – Maps 4 & 7). Outcrops are mostly exposed along road cuts, but most of this region is covered by till deposits of 1 to 2 m thicknesses with occasional bedrock hillocks. A large rock quarry at the north end of the road, west of Pod 3, exposes a grey-green andesite tuff (porphyry) with close to moderate fracturing and zones of epidote veinlets and disseminated pyrite. A sample obtained from this quarry returned weakly anomalous Cu and Zn.

Most of **Pod 3** is dominated by surface exposures of altered granodiorite (Figure 12 – Map 7). Alteration consists of bleaching or silicification with epidote-chlorite-sericite altered zones and epidote-quartz-pyrite veinlets. In a few localities, sugary-textured granodiorite was found to be less altered. Zones of disseminated magnetite within this altered intrusive (endo-skarn) produce a moderate to strong magnetic signature, while adjacent zones appear barren of magnetite. East of Pod 3, the eastern flank of Bacon Hill contains exposures of silicified granodiorite, limestone and calc-silicate rocks. One bedrock exposure of massive magnetite bands in calc-silicate, on an old road southeast of the hydro transmission corridor, between Pods 3 and 10, showed strongly anomalous values in Fe and Zn ± Cu and As.

Abundant rock exposure occurs across upper ridge top regions of Bacon Hill (**Pod 4**). Much of the region consists of altered granodiorite, both chloritized and silicified, with zones of unaltered, coarse crystalline granodiorite (Figure 13 – Map 8). Within the altered granodiorite siliceous and chloritized zones carry disseminated and veinlet magnetite and pyrrhotite (endo-skarn). Shear zones contain vuggy quartz veinlets and sericite-chlorite alteration. Dark green mafic dykes were observed in bleached (chlorite-sericite-epidote alteration) granodiorite scree at the north end of the grid. Along the ridge top road in the north end of Pod 4, chloritized granodiorite gives way to exposures of calc-silicate skarn and intermittent andesite porphyry. To the east of this and within silicified granodiorite is a narrow massive magnetite band trending southward for a length of approximately 60 m. This may be a vestige of the limestone and calc-silicate skarn exposures to the southeast, where bedding in calc-silicate and limestone outcrops were observed to strike northwest and southwest and dip shallowly to the northeast and north. XRF analysis of two sample of the magnetite band exposed on the eastern flank of Bacon Hill showed strongly anomalous Fe ± moderately anomalous Zn and Cu.

Most of **Pod 7** lies within relatively planar, often boggy lowland terrain with very little bedrock exposure (Figure 8 – Map 3). A small subcrop of dark green basalt containing disseminated magnetite was noted at the end of a spur road north of Bacon Lake Main. In the south end of Pod 7, old road cuts expose altered granodiorite that is siliceous and chloritized and contain zones of disseminated magnetite and epidote-pyrite veinlets. No XRF samples were obtained in the Pod 5, Pod 6 and Pod 7 area, north of Bacon Hill.

In the southeastern region of the contact area represented by the magnetic anomaly **Pod 10** and down to the northern shoreline of Upper Campbell Lake (Figure 10 – Map 5, Figure 11 – Map 6, Figure 12 – Map 7) propylitically-altered granodiorite is in contact with limestone, calc-silicate skarn, andesite porphyry and basalt, where local zones are strongly anomalous in Fe, Cu and Zn, with one sample on Elk Main producing 675 ppm Co. Further to the southwest along Elk Main (above the shoreline of Upper Campbell Lake), propylitically-altered basalt cut by andesite porphyry and felsite dykes has local zones and shears that are strongly anomalous in Cu and Fe ±Zn and Cr.

Southwest of Bacon Lake in an area **north of Pod 11** (Figure 9 – Map 4, Figure 10 – Map 5) an area of dominantly bleached, silicified and chloritized granodiorite is in contact with andesite porphyry units and lamprophyre dykes. Disseminated and fracture pyrite is common and XRF analysis showed sporadic strongly anomalous Cu.

Isolated small exposures in the western region of the Bacon Lake property, underlain by flow breccia, massive and amygdaloidal basalts of the Karmutsen Formation, are cut by pyrite, chalcopyrite and carbonate veinlets or quartz-carbonate-chalcopyrite stringers show strong anomalous Cu values (Figure 7 – Map 2).

Rock Sampling Methodology

All XRF samples were taken at outcrops on the Bacon Lake property with a C Series Vanta™ handheld XRF (X-Ray Fluorescence) analyzer. This model has superior speed, limits of detection (LODs) and elemental range and is equipped with a silicon drift detector (SDD) and a rhodium (Rh) anode 40kV X-ray tube. The primary method is a GeoChem (2 beam) Calibration with analysis for geochemical samples measuring Mg, Al, Si, Ca, S, P, Ti, V, Cr, Mn Fe, Co, Ni, Cu, W, Zn, Hg, As, Pb, Bi, Se, Th, U, Rb, Sr, Y, Zr, Nb, Mo, Ag, Cd, Sn, Sb, Au and total LE. LE = light elements with atomic # <18 (Argon), usually Mg, Al, Si, P, S and Cl. Values are reported in Appendix VI.

Quality control was achieved by:

7) Cleaning the sample by brushing away any soil or loose detritus;
8) Holding the XRF analyzer tube at the sample location for 30 seconds on Beam 1 and 15 seconds on Beam 2, resulting in averaging of values in the final readout;
9) Downloading geochemical results from the XRF to a hard drive via a .csv spreadsheet;
10) Cleaning up the spreadsheet in .xlsx format;
11) Creating a Master Spreadsheet for report presentation (Appendix III);
12) Plotting sample locations are on Rock Sample Maps, Figures 6 through 15.

Table 4: Strongly Anomalous Rock Samples (reported on Maps 1 through 10)

XRF Sample No.	As %	Cu %	Co %	Cr %	Fe %	V %	Zn %	Lithology
3		0.36						Frac py in bleached, chloritized granodiorite
5		0.08						Py, cpy in carbonate veinlets in basalt
8					27.3			Magnetite in volcanic skarn
9					68.8			Magnetite in volcanic skarn
93		0.08						Qtz-carb stringers with cpy in amygdaloidal basalt
94		1.12						Cpy, mal in silica flooded zone in amygdaloidal basalt
16		0.32			30.6			Frac py in bleached, chlorite altered granodiorite
21							0.29	Diss, frac py in propylitic granodiorite/ andesite porphyry
25		0.07						Qtz-py-cpy veinlets in bleached, silica-chloritized granodiorite
27		0.11						Bleb py in propylitic granodiorite

XRF Sample No.	As %	Cu %	Co %	Cr %	Fe %	V %	Zn %	Lithology
28	10.98		7.83		60.4			Massive magnetite with cobalt bloom (Pod 1)
29					50.8			Massive magnetite (Pod 1)
30, 31		0.16			36.9			Massive magnetite (Pod 1)
32		0.16			54.4		0.07	Massive magnetite (Pod 2)
33, 34, 35, 36					57.3 avg			Massive magnetite (Pod 2)
37					69.1		0.07	Massive magnetite (Pod 2)
38, 40					604. avg			Massive magnetite (Pod 2)
41		0.08			67.3			Massive magnetite (Pod 2)
75 to 82					60.98 avg			
83		0.71						Cpy, mal shear zone in propylitic altered basalt
84		0.07						Epidote veinlets 7 fracs in basalt
47		0.12		0.10			0.08	Az, mal fracs in graphitic shear zone in propylitic basalts
49		12.1			55.1		0.35	Magnetite-cpy lense in skarn zone of granodiorite
50		0.57			63.2			Magnetite-cpy lense in skarn zone of granodiorite
54		7.31	0.07				4.07	Cpy, mal in shear zone in propylitic granodiorite
55		0.30			62.0		0.54	Magnetite-cpy in shear zone in propylitic granodiorite
58					58.1			Magnetite-rich skarn
59		0.09					0.18	Cpy, mal in skarn zone
60		0.11					0.35	Cpy, mal in skarn zone
62, 63, 64		3.55 avg						Cpy, mal in skarn zone
66, 67	0.07 avg	0.21 avg			48.7 avg		0.69 avg	Magnetite bands in calc-silicate
68, 69					56.8			Magnetite-hematite in limestone
90						0.06		Propylitic altered granodiorite

Note: From 2019, 2020 and 2021 rock sampling results, there is an apparent element association of Bi with Fe (magnetite-hematite).

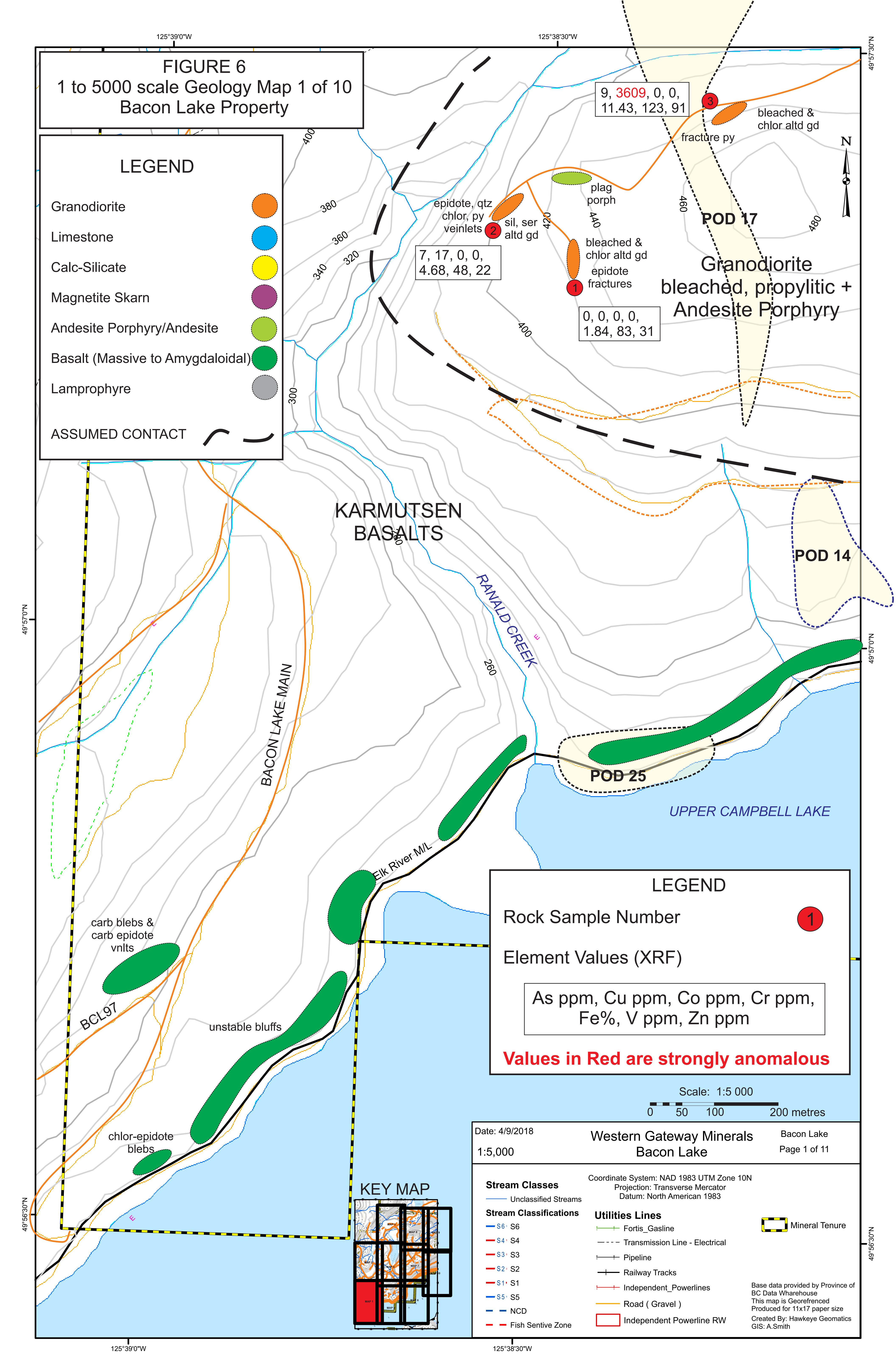


FIGURE 6
1 to 5000 scale Geology Map 1 of 10
Bacon Lake Property
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
125°39'0"W
125°38'30"W
49°57'30"N
49°57'0"N
49°56'30"N
9, 3609, 0, 0,
11.43, 123, 91
bleached &
chlor altd gd
fracture py
plag
porph
epidote, qtz
chlor, py
veinlets
sil, ser
altd gd
7, 17, 0, 0,
4.68, 48, 22
bleached &
chlor altd gd
epidote
fractures
0, 0, 0, 0,
1.84, 83, 31
POD 17
Granodiorite
bleached, propylitic +
Andesite Porphyry
KARMUTSEN
BASALTS
POD 14
RANALD CREEK
BACON LAKE MAIN
POD 25
UPPER CAMPBELL LAKE
Elk River M/L
carb blebs &
carb epidote
vnlts
BCL97
unstable bluffs
chlor-epidote
blebs
KEY MAP
LEGEND
Rock Sample Number
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm,
Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
1:5,000
Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 1 of 11
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
NCD
Fish Sentive Zone
Utilities Lines
Fortis_Gasline
Transmission Line - Electrical
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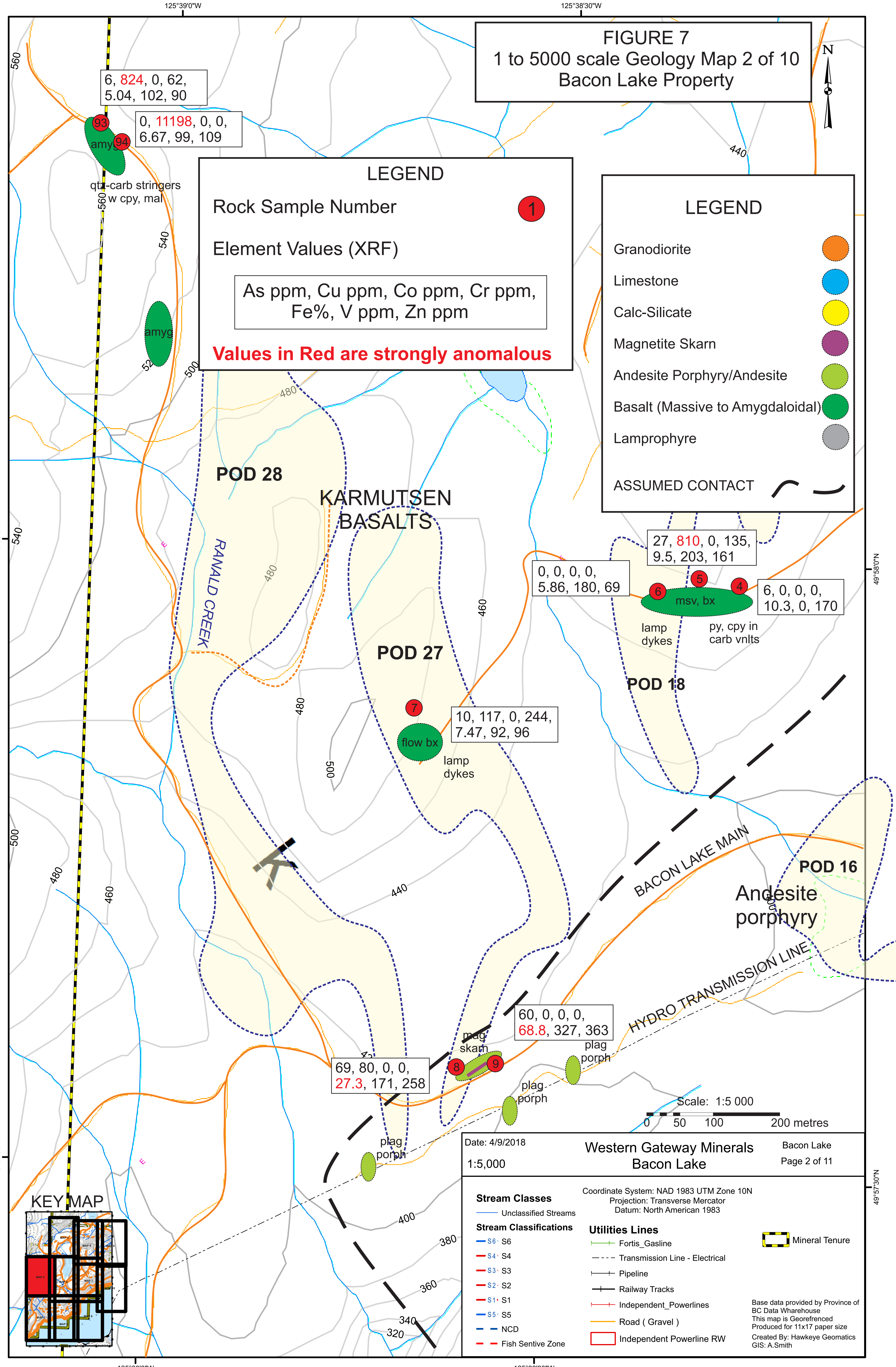

FIGURE 7
1 to 5000 scale Geology Map 2 of 10
Bacon Lake Property
LEGEND
Rock Sample Number
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm, Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
6, 824, 0, 62, 5.04, 102, 90
0, 11198, 0, 0, 6.67, 99, 109
qtz-carb stringers w cpy, mal
amyg
POD 28
KARMUTSEN BASALTS
RANALD CREEK
POD 27
10, 117, 0, 244, 7.47, 92, 96
flow bx
lamp dykes
0, 0, 0, 0, 5.86, 180, 69
27, 810, 0, 135, 9.5, 203, 161
6, 0, 0, 0, 10.3, 0, 170
msv, bx
py, cpy in carb vnlts
POD 18
POD 16
Andesite porphyry
BACON LAKE MAIN
HYDRO TRANSMISSION LINE
60, 0, 0, 0, 68.8, 327, 363
69, 80, 0, 0, 27.3, 171, 258
mag skarn
plag porph
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
1:5,000
Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 2 of 11
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
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Mineral Tenure
Base data provided by Province of BC Data Wharehouse
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Created By: Hawkeye Geomatics
GIS: A.Smith
KEY MAP
125°39'0"W
125°38'30"W
49°58'0"N
49°57'30"N

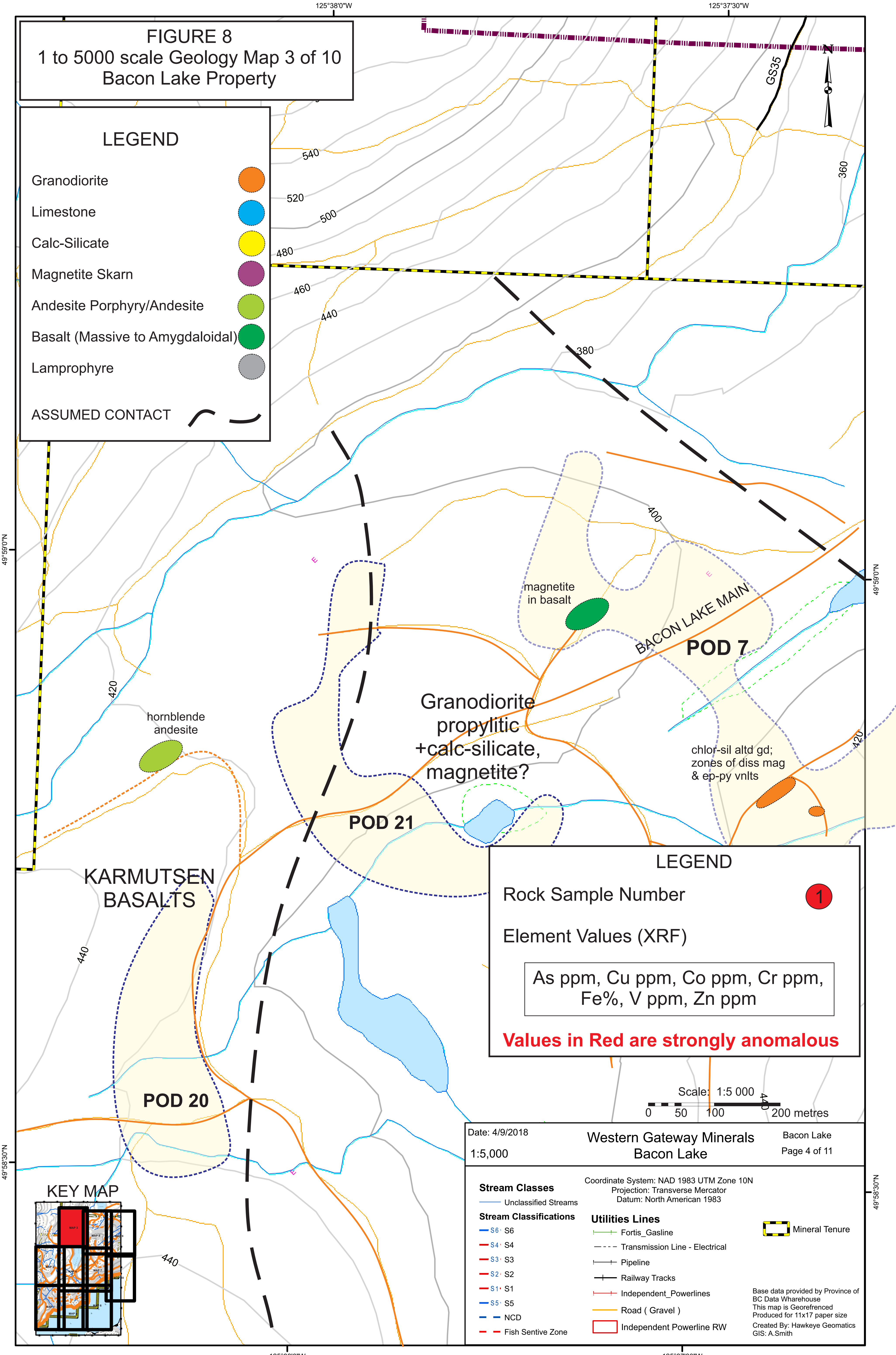

FIGURE 8
1 to 5000 scale Geology Map 3 of 10
Bacon Lake Property
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
125°38'0"W
125°37'30"W
49°59'0"N
49°58'30"N
GS35
540
520
500
480
460
440
380
400
420
360
magnetite
in basalt
BACON LAKE MAIN
POD 7
Granodiorite
propylitic
+calc-silicate,
magnetite?
hornblende
andesite
chlor-sil altd gd;
zones of diss mag
& ep-py vnlts
POD 21
KARMUTSEN
BASALTS
POD 20
KEY MAP
LEGEND
Rock Sample Number
1
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm,
Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
1:5,000
Western Gateway Minerals
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Bacon Lake
Page 4 of 11
Stream Classes
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Pipeline
Railway Tracks
Independent_Powerlines
Road (Gravel)
Independent Powerline RW
Mineral Tenure
Base data provided by Province of
BC Data Wharehouse
This map is Georefrenced
Produced for 11x17 paper size
Created By: Hawkeye Geomatics
GIS: A.Smith

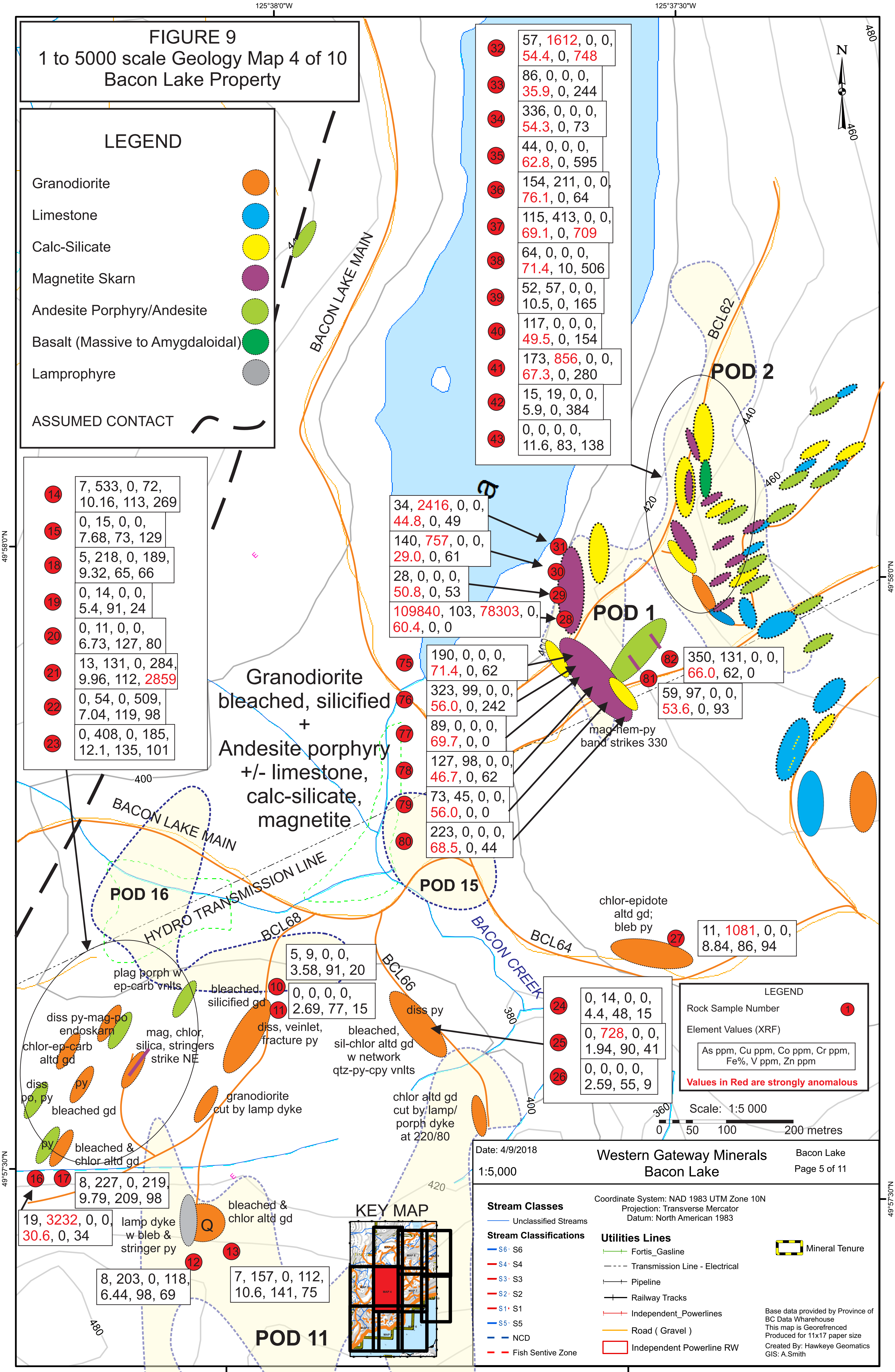
FIGURE 9
1 to 5000 scale Geology Map 4 of 10
Bacon Lake Property
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
125°38'0"W
125°37'30"W
49°58'0"N
49°57'30"N
N
32 57, 1612, 0, 0, 54.4, 0, 748
33 86, 0, 0, 0, 35.9, 0, 244
34 336, 0, 0, 0, 54.3, 0, 73
35 44, 0, 0, 0, 62.8, 0, 595
36 154, 211, 0, 0, 76.1, 0, 64
37 115, 413, 0, 0, 69.1, 0, 709
38 64, 0, 0, 0, 71.4, 10, 506
39 52, 57, 0, 0, 10.5, 0, 165
40 117, 0, 0, 0, 49.5, 0, 154
41 173, 856, 0, 0, 67.3, 0, 280
42 15, 19, 0, 0, 5.9, 0, 384
43 0, 0, 0, 0, 11.6, 83, 138
14 7, 533, 0, 72, 10.16, 113, 269
15 0, 15, 0, 0, 7.68, 73, 129
18 5, 218, 0, 189, 9.32, 65, 66
19 0, 14, 0, 0, 5.4, 91, 24
20 0, 11, 0, 0, 6.73, 127, 80
21 13, 131, 0, 284, 9.96, 112, 2859
22 0, 54, 0, 509, 7.04, 119, 98
23 0, 408, 0, 185, 12.1, 135, 101
34, 2416, 0, 0, 44.8, 0, 49
140, 757, 0, 0, 29.0, 0, 61
28, 0, 0, 0, 50.8, 0, 53
109840, 103, 78303, 0, 60.4, 0, 0
75 190, 0, 0, 0, 71.4, 0, 62
76 323, 99, 0, 0, 56.0, 0, 242
77 89, 0, 0, 0, 69.7, 0, 0
78 127, 98, 0, 0, 46.7, 0, 62
79 73, 45, 0, 0, 56.0, 0, 0
80 223, 0, 0, 0, 68.5, 0, 44
82 350, 131, 0, 0, 66.0, 62, 0
81 59, 97, 0, 0, 53.6, 0, 93
27 11, 1081, 0, 0, 8.84, 86, 94
24 0, 14, 0, 0, 4.4, 48, 15
25 0, 728, 0, 0, 1.94, 90, 41
26 0, 0, 0, 0, 2.59, 55, 9
10 5, 9, 0, 0, 3.58, 91, 20
11 0, 0, 0, 0, 2.69, 77, 15
16 17 8, 227, 0, 219, 9.79, 209, 98
19, 3232, 0, 0, 30.6, 0, 34
12 8, 203, 0, 118, 6.44, 98, 69
13 7, 157, 0, 112, 10.6, 141, 75
Granodiorite bleached, silicified + Andesite porphyry +/- limestone, calc-silicate, magnetite
BACON LAKE MAIN
HYDRO TRANSMISSION LINE
BACON CREEK
BCL62
BCL64
BCL66
BCL68
POD 1
POD 2
POD 11
POD 15
POD 16
mag-hem-py band strikes 330
chlor-epidote altd gd; bleb py
plag porph w ep-carb vnlts
bleached, silicified gd
diss py-mag-po endoskarn
chlor-ep-carb altd gd
mag, chlor, silica, stringers strike NE
diss po, py
py
bleached gd
bleached & chlor altd gd
diss, veinlet, fracture py
granodiorite cut by lamp dyke
diss py
bleached, sil-chlor altd gd w network qtz-py-cpy vnlts
chlor altd gd cut by lamp/ porph dyke at 220/80
lamp dyke w bleb & stringer py
Q
LEGEND
Rock Sample Number
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm, Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
1:5,000
Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 5 of 11
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
KEY MAP
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
NCD
Fish Sentive Zone
Utilities Lines
Fortis_Gasline
Transmission Line - Electrical
Pipeline
Railway Tracks
Independent_Powerlines
Road (Gravel)
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Mineral Tenure
Base data provided by Province of BC Data Wharehouse
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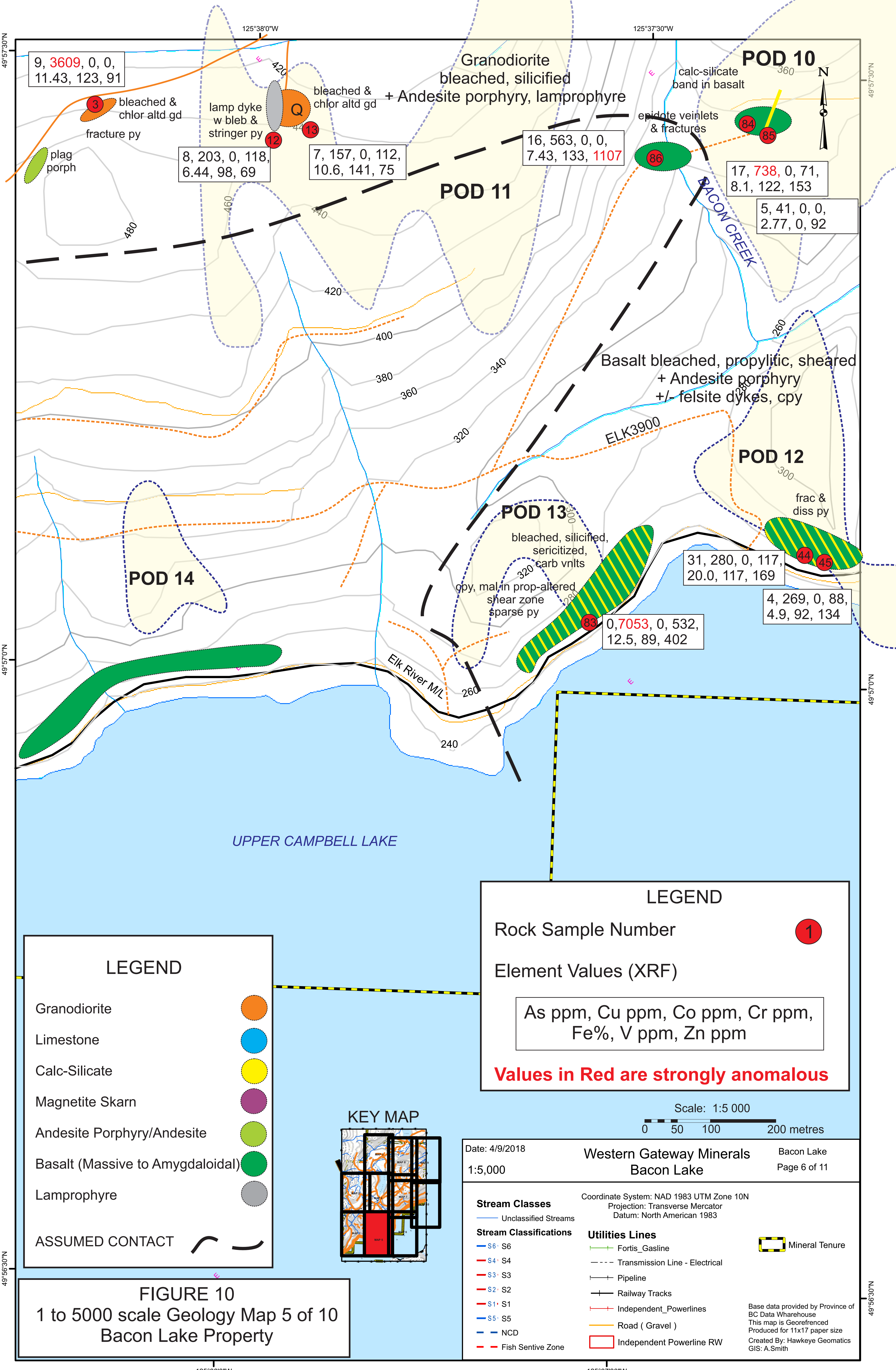

FIGURE 10
1 to 5000 scale Geology Map 5 of 10
Bacon Lake Property

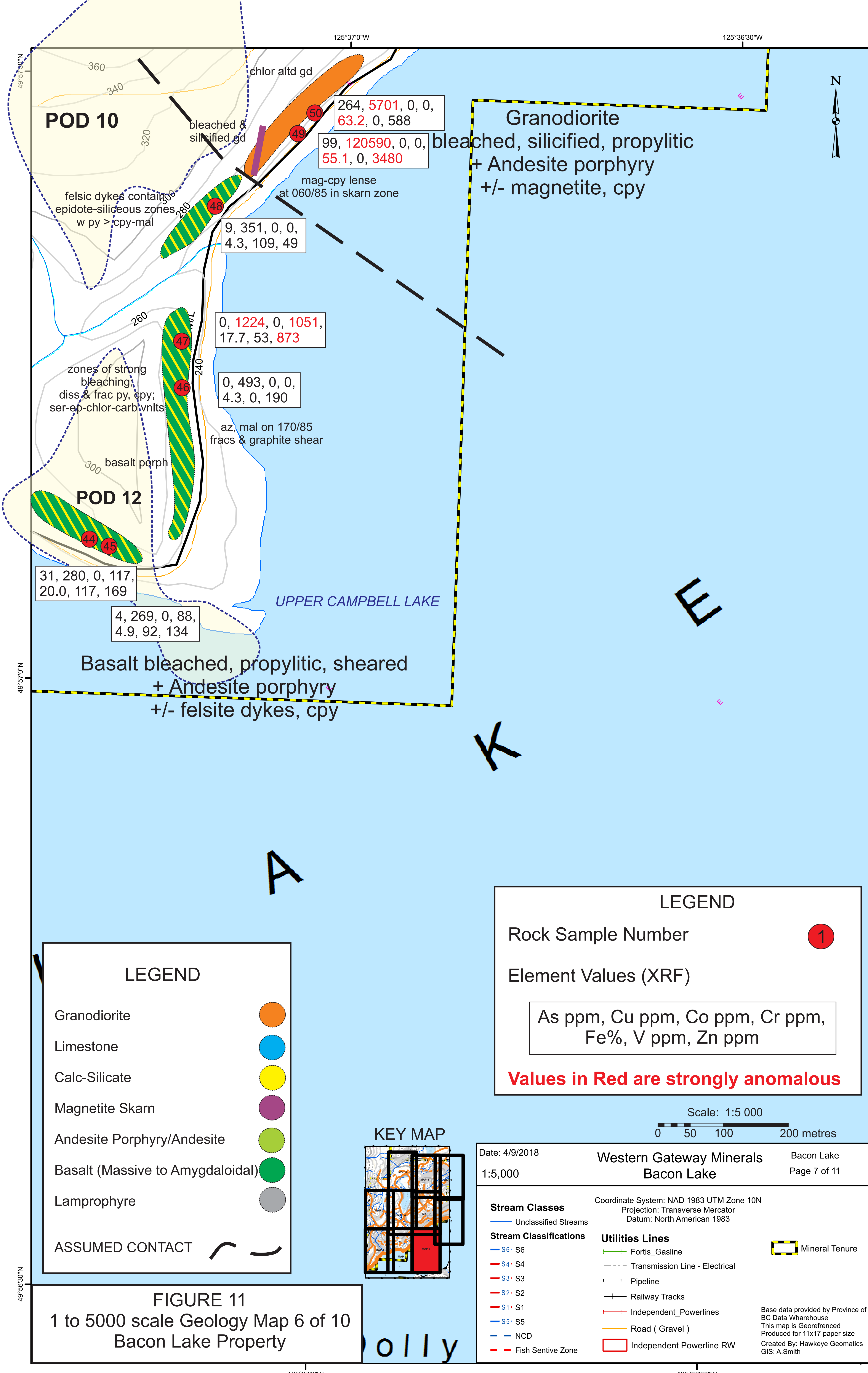

FIGURE 11
1 to 5000 scale Geology Map 6 of 10
Bacon Lake Property

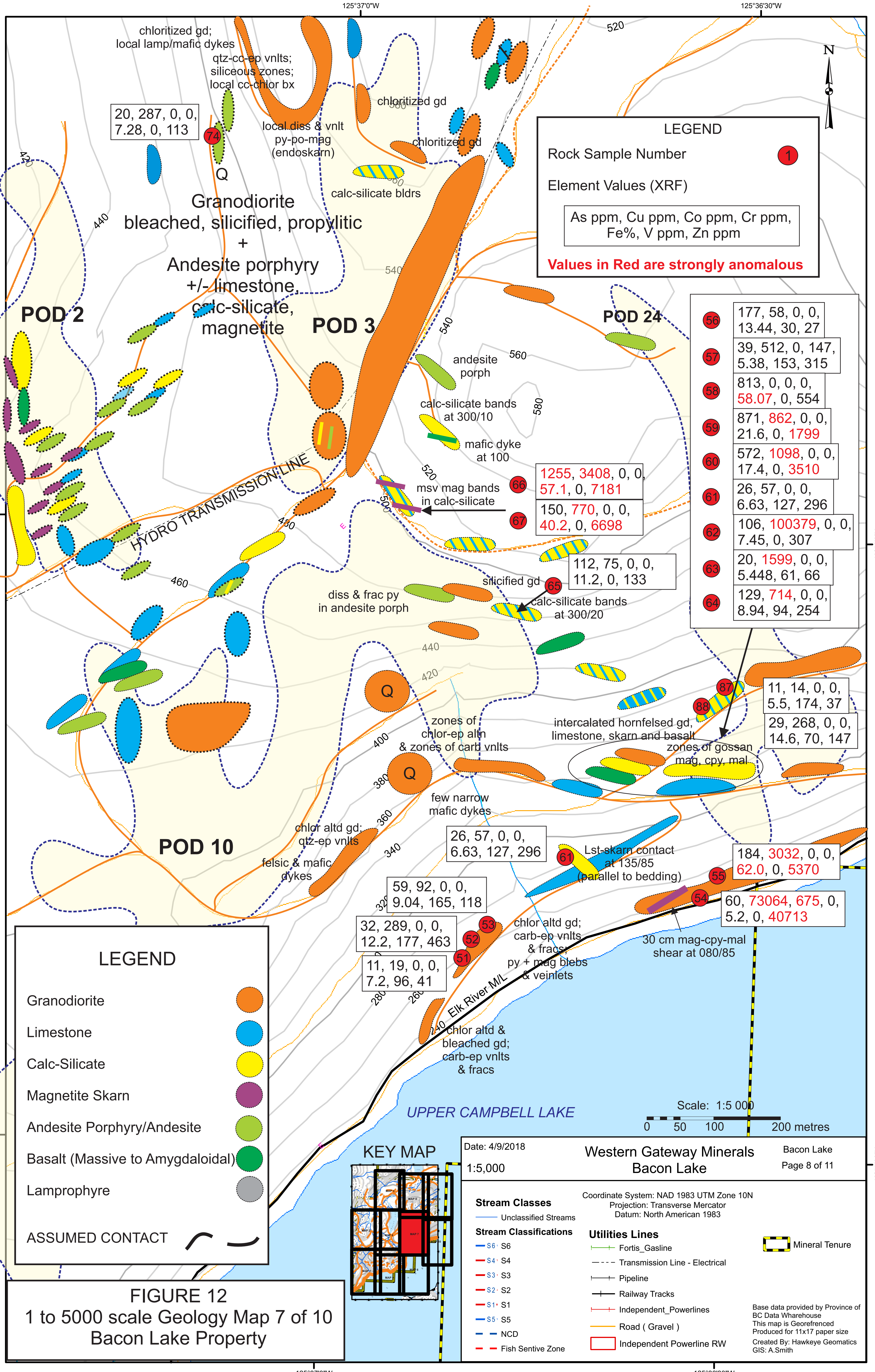

FIGURE 12
1 to 5000 scale Geology Map 7 of 10
Bacon Lake Property

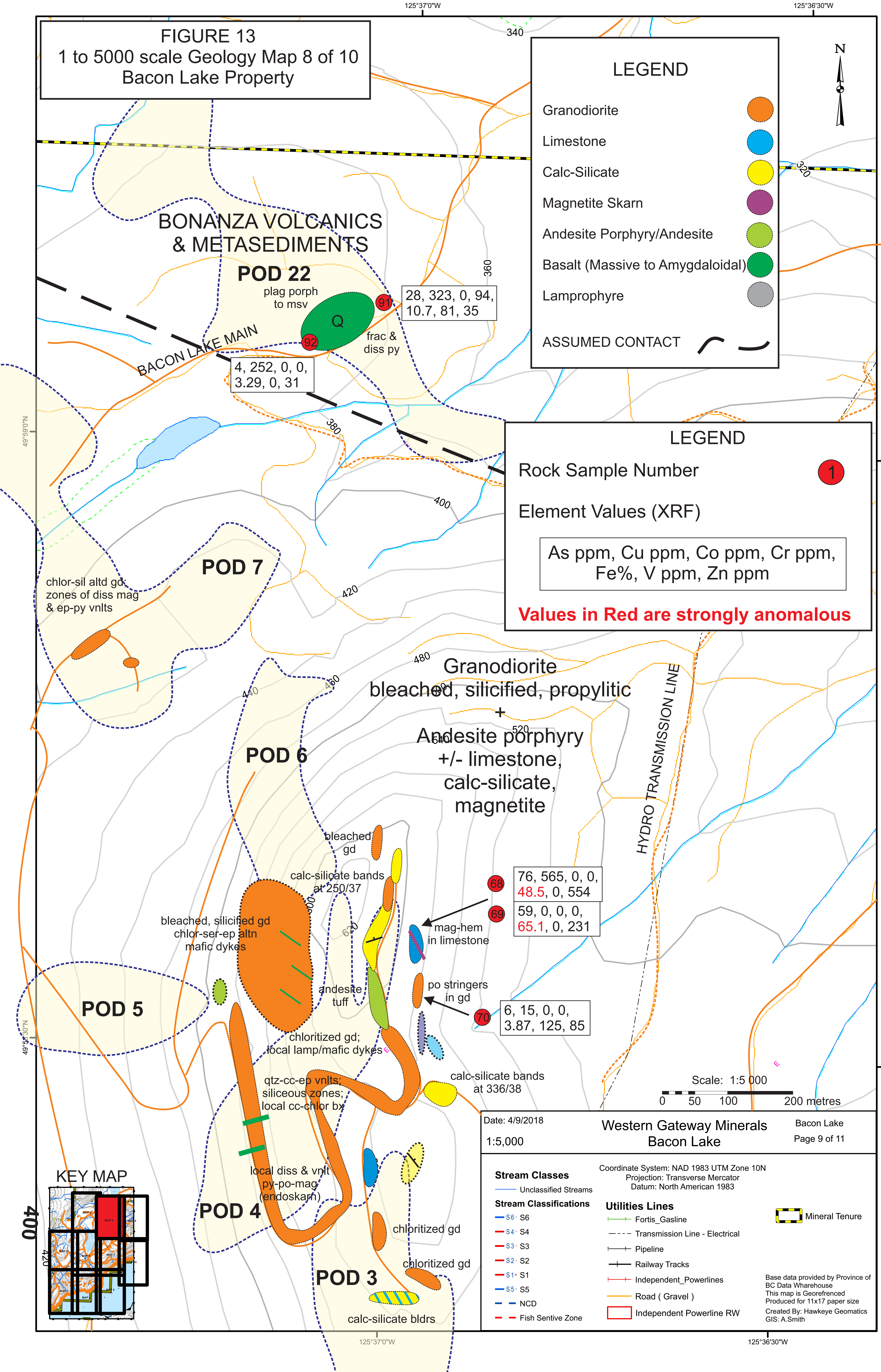
FIGURE 13
1 to 5000 scale Geology Map 8 of 10
Bacon Lake Property
125°37'0"W
125°36'30"W
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
N
BONANZA VOLCANICS
& METASEDIMENTS
POD 22
plag porph
to msv
Q
91
92
28, 323, 0, 94,
10.7, 81, 35
frac &
diss py
BACON LAKE MAIN
4, 252, 0, 0,
3.29, 0, 31
LEGEND
Rock Sample Number
1
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm,
Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
POD 7
chlor-sil altd gd;
zones of diss mag
& ep-py vnlts
Granodiorite
bleached, silicified, propylitic
+
Andesite porphyry
+/- limestone,
calc-silicate,
magnetite
HYDRO TRANSMISSION LINE
POD 6
bleached
gd
calc-silicate bands
at 250/37
bleached, silicified gd
chlor-ser-ep altn
mafic dykes
68
76, 565, 0, 0,
48.5, 0, 554
69
59, 0, 0, 0,
65.1, 0, 231
mag-hem
in limestone
po stringers
in gd
70
6, 15, 0, 0,
3.87, 125, 85
andesite
tuff
POD 5
chloritized gd;
local lamp/mafic dykes
calc-silicate bands
at 336/38
qtz-cc-ep vnlts;
siliceous zones;
local cc-chlor bx
Scale: 1:5 000
0 50 100 200 metres
local diss & vnlt
py-po-mag
(endoskarn)
POD 4
chloritized gd
chloritized gd
POD 3
calc-silicate bldrs
KEY MAP
Date: 4/9/2018
1:5,000
Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 9 of 11
Coordinate System: NAD 1983 UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983
Stream Classes
Unclassified Streams
Stream Classifications
S6
S4
S3
S2
S1
S5
NCD
Fish Sentive Zone
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Fortis_Gasline
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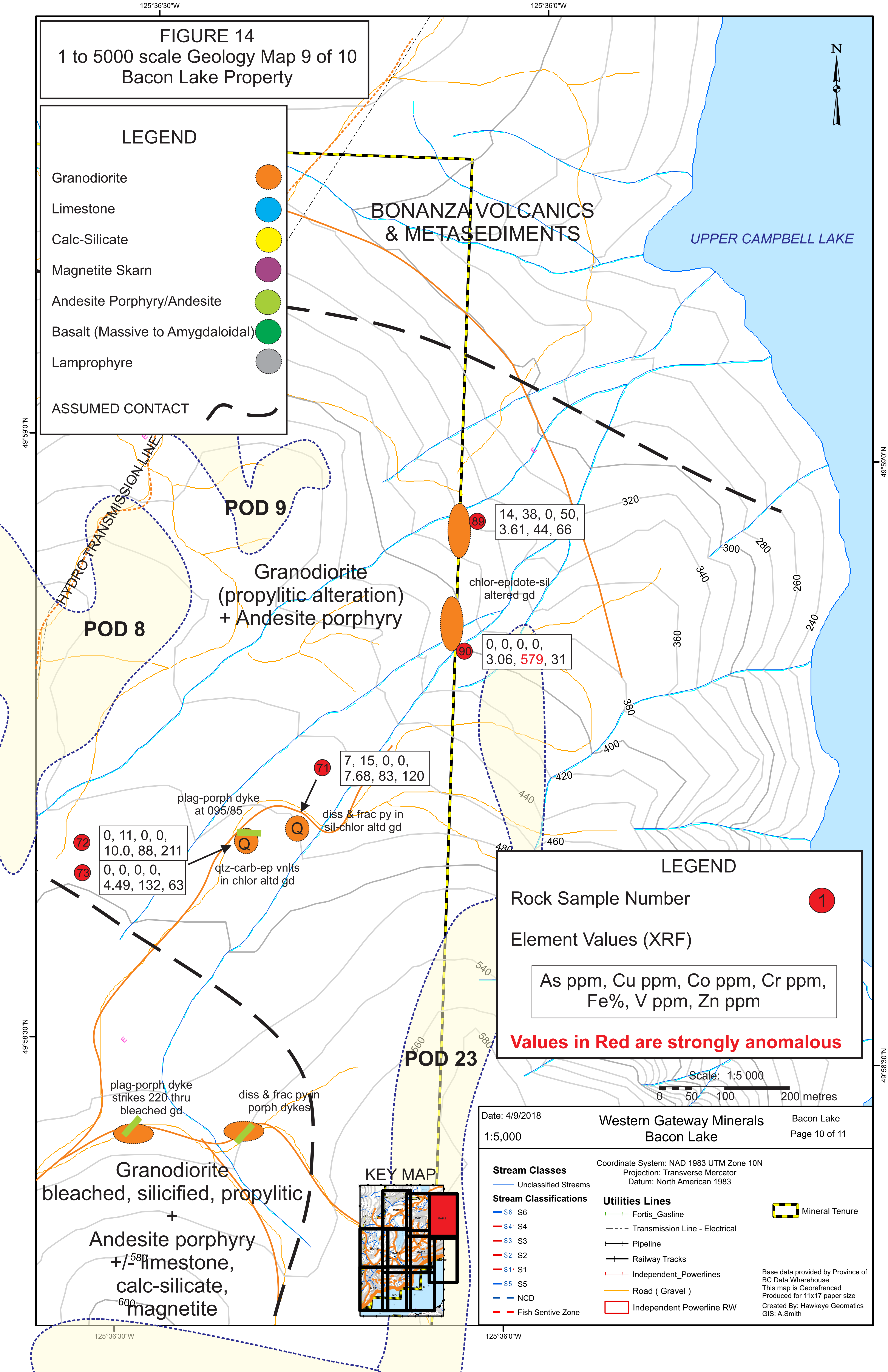
FIGURE 14
1 to 5000 scale Geology Map 9 of 10
Bacon Lake Property
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
Lamprophyre
ASSUMED CONTACT
125°36'30"W
125°36'0"W
49°59'0"N
49°58'30"N
BONANZA VOLCANICS
& METASEDIMENTS
UPPER CAMPBELL LAKE
N
HYDRO TRANSMISSION LINE
POD 9
POD 8
POD 23
Granodiorite
(propylitic alteration)
+ Andesite porphyry
89
14, 38, 0, 50,
3.61, 44, 66
chlor-epidote-sil
altered gd
90
0, 0, 0, 0,
3.06, 579, 31
71
7, 15, 0, 0,
7.68, 83, 120
plag-porph dyke
at 095/85
diss & frac py in
sil-chlor altd gd
72
0, 11, 0, 0,
10.0, 88, 211
73
0, 0, 0, 0,
4.49, 132, 63
qtz-carb-ep vnlts
in chlor altd gd
Q
plag-porph dyke
strikes 220 thru
bleached gd
diss & frac py in
porph dykes
Granodiorite
bleached, silicified, propylitic
+
Andesite porphyry
+/- limestone,
calc-silicate,
magnetite
KEY MAP
LEGEND
Rock Sample Number
Element Values (XRF)
As ppm, Cu ppm, Co ppm, Cr ppm,
Fe%, V ppm, Zn ppm
Values in Red are strongly anomalous
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
1:5,000
Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 10 of 11
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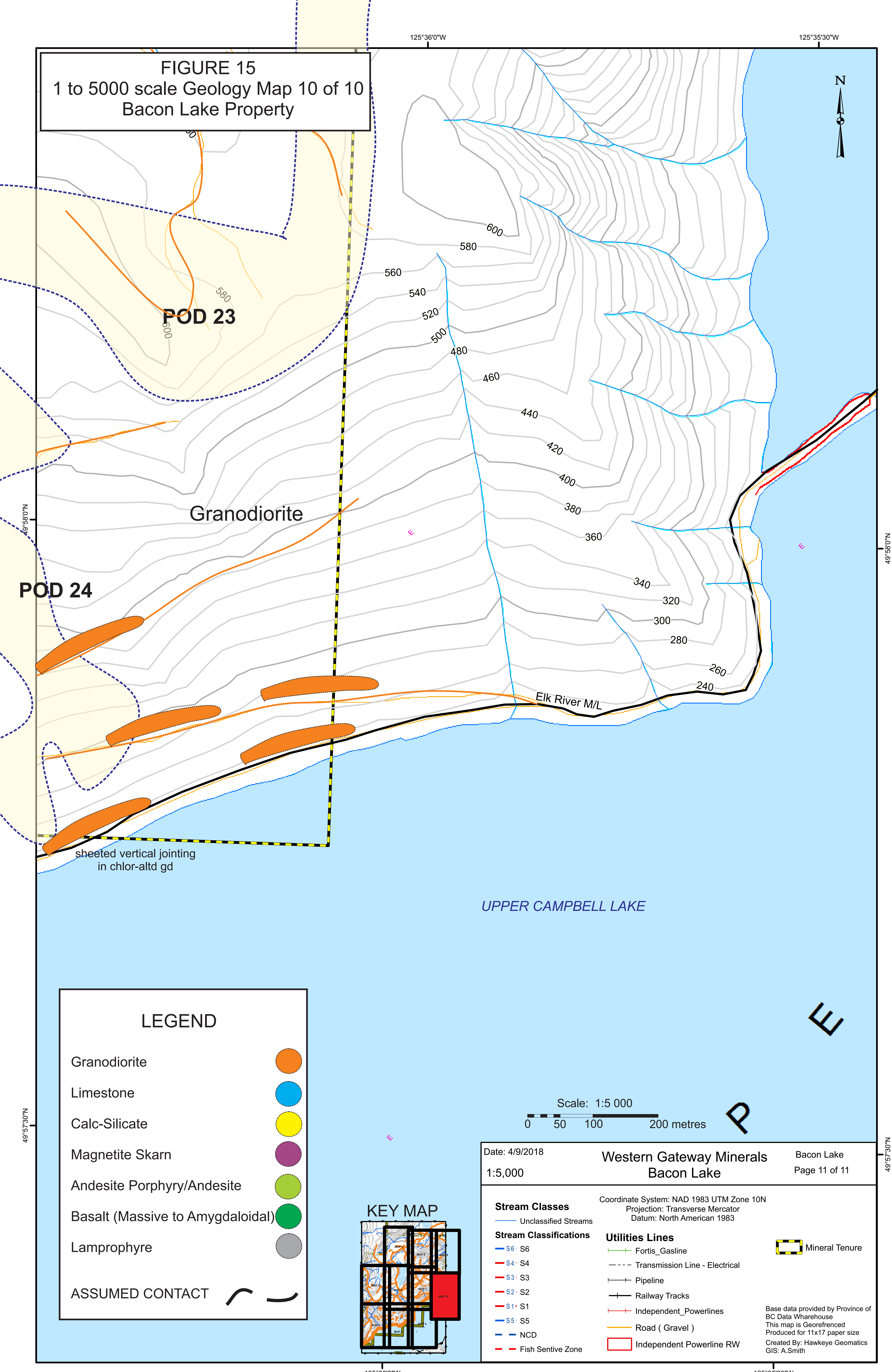

FIGURE 15
1 to 5000 scale Geology Map 10 of 10
Bacon Lake Property
125°36'0"W
125°35'30"W
N
POD 23
POD 24
Granodiorite
600
580
560
540
520
500
480
460
440
420
400
380
360
340
320
300
280
260
240
Elk River M/L
sheeted vertical jointing
in chlor-altd gd
UPPER CAMPBELL LAKE
49°58'0"N
49°57'30"N
LEGEND
Granodiorite
Limestone
Calc-Silicate
Magnetite Skarn
Andesite Porphyry/Andesite
Basalt (Massive to Amygdaloidal)
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ASSUMED CONTACT
KEY MAP
Scale: 1:5 000
0 50 100 200 metres
Date: 4/9/2018
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Western Gateway Minerals
Bacon Lake
Bacon Lake
Page 11 of 11
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Independent Powerline RW
Mineral Tenure
Base data provided by Province of
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Created By: Hawkeye Geomatics
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4.0 Interpretation and Conclusions

Although the stream sediment sampling program was disappointing, work done during 2020-2021 succeeded in gaining a better knowledge of mineral occurrences and alteration in the various lithologies occurring on the Bacon Lake property. As indicated in the 2019 exploration report on the property, the potential for a Cu porphyry deposit type has been downgraded. Similarly untested aeromagnetic highs and corresponding moderate to high Cu-Ni-Co-Fe-Cr-Mg-Ti (±Zn) anomalous soil values in the mid-western region of the property did not expressly produce a viable exploration target at this time. This area is underlain largely by Karmustsen basalt and although sporadic Cu mineralization and alteration does occur, this is quite common for this lithology on Vancouver Island.

On the positive side, the Pod 1 magnetite lense was extended an additional 120 metres southward from the previously identified area and several other small magnetite bands were discovered. Many of these, but not all, carry strong anomalous Cu and Zn values and indictors of local Au and Co.

Fe skarns remain the focus on this property and they do carry significant amount of Cu and Zn, although sporadic. The two identified areas of most interest remain Pods 1 and 2 (Figure 9 – Map 4).

Areas of current interest are:

1) Southeast of Pod 10 to south end of Pod 24, down to shoreline of Upper Campbell Lake: intercalated basalt, limestone skarn and granodiorite shows high Cu ± Zn, Co values (Figure 12 – Map 7)
2) Contact area between granodiorite and basalt along Elk Main: high Cu ± Fe, Zn, Cr (Figure 11 – Map 6). The equates to the southwest end of Pod 10. The altered basalt in this area continues southwest along Elk River Main onto Figure 10 – Map 5 (through Pods 12 and 13).
3) Sporadic strongly anomalous Cu values were also obtained in the area south-southwest of Bacon Lake in a contact region between altered granodiorite, andesite porphyry and lamprophyre dykes (Figure 9 – Map 4). This forms the area between magnetic highs of Pod 11 and Pod 16.

5.0 Recommendations

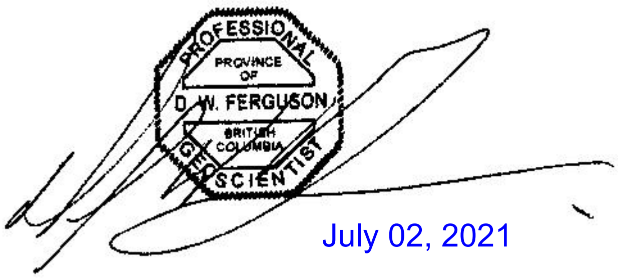
Proposed Exploration Program

1. Continue with more detailed mapping and rock sampling in the three identified areas of interest.

2. Conduct more detailed mapping and rock sampling on Bacon Hill.

Respectfully submitted,

AZTEC GEOSCIENCE INC. **PERMIT TO PRACTICE NUMBER: 1000104**



July 02, 2021

Del W. Ferguson, PGeo., PLEng., FGAC, FGC

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Certificate of Qualifications

I, Del (Delbert) W. Ferguson, of 918 Highwood Drive, Comox, BC, Canada V9M 3R5, hereby certify that:

1. I am a practicing Geoscientist.

2. I graduated with an Honours Bachelor of Science degree in Geology from the University of Western Ontario, Canada in 1979.

3. I am the Principal Geologist with Aztec Geoscience Inc.

4. I have been employed in my profession since 1979.

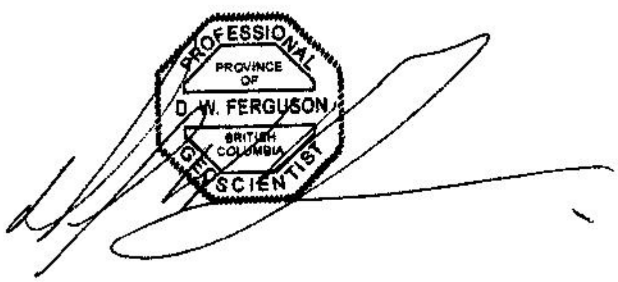
5. I am a Registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC), registration number: 19893.

6. I am a Fellow of the Geological Association of Canada (F4782) and a Fellow of Geoscientists Canada.

7. This report was prepared by myself, based on researched historical data, field visits and reporting on the 2020-21 exploration program.

8. I most recently visited the subject property on June 22, 2020.

Dated this 2nd day of July, 2021



Del W. Ferguson, P.Geo., Eng.L., FGAC, FGC

Statement of Costs

BACON LAKE 2020-21 EXPLORATION COST SUMMARY

		Days	per Day	
May 7: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
May 14: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
May 22: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
May 29: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
June 3: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
June 17: Mapping & Rock-Stream Sampling	Geologist	1.00	1000	1,000.00
August 27: Mapping & Rock Sampling	Geologist	1.00	1000	1,000.00
June 22, 2020: Mapping & Rock Sampling	Geologist	1.00	1000	1,000.00
Bacon Lake 2020-21 Exploration Report	Geologist	12.00	1000	12,000.00
Expenses				
Travel to property-return (1697 km @ 0.60/km)				1,018.20
F.A.S Delivery: Sample delivery to North Van Labs				23.00
ALS Labs - Invoice for Stream Sed Analysis (20 samples @46.72 _Less 1 sample)				887.68
TOTAL PROJECT COSTS				21,928.88

APPENDIX I

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: AZTEC GEOSCIENCE INC.
918 HIGHWOOD DRIVE
COMOX BC V9M 3R5

Finalized Date: 9-AUG-2020
This copy reported on 9-JUL-2021
Account: AZTGEO

VA20154058

Project: BL Sream Sediments-2020

This report is for 20 samples of Sediment submitted to our lab in Vancouver, BC, Canada on 20-JUL-2020.

The following have access to data associated with this certificate:

DEL F.	DAVID FAWCETT	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both
DISP-01	Disposal of all sample fractions

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AuME-TL44	50g Trace Au + Multi Element PKG	

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:

Saa Traxler, General Manager, North Vancouver

ALS Canada Ltd.

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To: AZTEC GEOSCIENCE INC.
918 HIGHWOOD DRIVE
COMOX BC V9M 3R5

Finalized Date: 9-AUG-2020
Account: AZTGEO

Project: BL Sream Sediments-2020

CERTIFICATE OF ANALYSIS VA20154058

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	AuME-TL44 Au ppm 0.001	AuME-TL44 Ag ppm 0.01	AuME-TL44 Al % 0.01	AuME-TL44 As ppm 0.1	AuME-TL44 B ppm 10	AuME-TL44 Ba ppm 10	AuME-TL44 Be ppm 0.05	AuME-TL44 Bi ppm 0.01	AuME-TL44 Ca % 0.01	AuME-TL44 Cd ppm 0.01	AuME-TL44 Ce ppm 0.02	AuME-TL44 Co ppm 0.1	AuME-TL44 Cr ppm 1	AuME-TL44 Cs ppm 0.05
16156		0.18	0.002	0.12	2.99	12.7	10	120	0.37	0.12	1.55	0.63	14.30	14.0	26	0.67
16157		0.20	0.001	0.10	2.58	6.0	10	60	0.31	0.09	1.33	3.16	11.60	15.9	24	0.64
16158		0.22	0.003	0.14	3.75	16.5	10	40	0.51	0.03	1.49	0.73	17.40	26.5	49	0.44
16159		0.20	0.002	0.10	3.48	2.3	10	40	0.40	0.05	1.50	0.29	15.80	33.3	48	0.30
16160		0.36	0.003	0.05	3.73	2.1	10	40	0.43	0.02	2.01	0.16	14.00	26.3	48	0.23
16161		0.30	0.004	0.06	4.00	2.6	10	30	0.47	0.02	1.91	0.18	19.45	27.5	54	0.28
16162		0.36	0.002	0.07	3.64	4.7	10	40	0.38	0.02	1.62	0.27	15.95	26.1	48	0.32
16163		0.26	0.003	0.03	3.07	2.3	10	40	0.30	0.01	1.39	0.15	14.60	22.2	39	0.26
16164		0.46	0.003	0.02	2.64	1.1	20	20	0.32	0.01	2.42	0.08	12.75	20.8	24	0.09
16165		0.32	0.004	0.03	2.52	1.0	10	10	0.30	0.01	2.32	0.07	11.90	18.2	21	0.08
16166		0.30	0.005	0.10	4.38	21.9	10	70	0.46	0.03	1.87	0.35	12.65	26.4	42	0.59
16167		0.38	0.003	0.12	4.33	8.4	10	40	0.58	0.03	1.55	0.35	19.50	23.9	45	0.36
16168		0.48	0.004	0.03	3.17	1.7	10	20	0.40	0.01	2.52	0.09	12.75	23.3	27	0.11
16169		0.36	0.002	0.20	3.74	6.5	10	60	0.34	0.07	1.95	0.95	7.14	18.6	31	0.61
16170		0.22	0.003	0.18	2.66	13.5	10	50	0.57	0.04	0.88	1.41	14.85	21.3	34	0.48
16171		0.18	0.006	0.13	2.89	7.9	10	60	0.36	0.06	1.45	0.54	9.28	18.8	32	0.51
16172		0.28	0.003	0.26	4.40	2.3	10	50	0.95	0.03	1.66	0.97	24.8	38.0	46	0.43
16173		0.30	0.003	0.08	3.00	2.8	10	70	0.53	0.05	1.27	0.41	20.1	18.1	32	0.39
16174		0.42	0.030	0.03	2.06	1.6	10	40	0.27	0.02	1.11	0.19	6.49	18.8	26	0.17
16175		0.32	0.001	0.04	2.34	50.2	<10	100	0.54	0.04	0.70	0.20	16.85	11.7	16	0.36

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To: AZTEC GEOSCIENCE INC.
918 HIGHWOOD DRIVE
COMOX BC V9M 3R5

Finalized Date: 9-AUG-2020
Account: AZTGEO

Project: BL Sream Sediments-2020

CERTIFICATE OF ANALYSIS VA20154058

Sample Description	Method Analyte Units LOD	AuME-TL44 Cu ppm 0.2	AuME-TL44 Fe % 0.01	AuME-TL44 Ga ppm 0.05	AuME-TL44 Ge ppm 0.05	AuME-TL44 Hf ppm 0.02	AuME-TL44 Hg ppm 0.01	AuME-TL44 In ppm 0.005	AuME-TL44 K % 0.01	AuME-TL44 La ppm 0.2	AuME-TL44 Li ppm 0.1	AuME-TL44 Mg % 0.01	AuME-TL44 Mn ppm 5	AuME-TL44 Mo ppm 0.05	AuME-TL44 Na % 0.01	AuME-TL44 Nb ppm 0.05
16156		54.0	3.27	7.31	0.07	0.05	0.11	0.043	0.06	8.6	5.5	0.73	1370	1.19	0.03	1.05
16157		66.5	3.67	7.20	0.05	0.05	0.07	0.029	0.04	6.1	5.9	1.02	1180	1.33	0.01	1.20
16158		104.0	4.71	9.65	0.12	0.11	0.09	0.032	0.02	8.1	5.2	0.74	2540	8.28	0.02	1.29
16159		87.2	5.82	11.85	0.08	0.31	0.12	0.047	0.02	4.5	3.6	0.70	2390	1.68	0.01	1.85
16160		101.5	5.56	12.90	0.12	0.37	0.05	0.047	0.02	4.8	4.8	1.12	995	0.59	0.02	0.56
16161		126.0	5.89	13.95	0.10	0.33	0.06	0.054	0.01	5.2	4.5	1.03	1140	0.56	0.02	0.51
16162		92.4	5.15	11.45	0.08	0.24	0.07	0.045	0.01	5.3	4.5	0.88	1780	0.72	0.02	0.63
16163		104.0	4.34	9.64	0.09	0.27	0.03	0.035	0.01	3.3	5.1	1.02	812	0.32	0.01	0.32
16164		108.5	5.07	10.70	0.27	0.52	0.01	0.032	0.01	4.8	2.9	1.11	582	0.36	0.03	0.81
16165		92.3	4.56	10.20	0.20	0.36	0.01	0.033	0.01	4.8	2.4	0.98	510	0.30	0.03	0.40
16166		158.0	5.64	11.95	0.05	0.41	0.07	0.035	0.04	4.8	6.8	0.88	626	0.71	0.04	1.17
16167		124.0	5.77	12.80	0.07	0.48	0.08	0.047	0.01	6.7	6.5	0.85	1240	0.65	0.02	1.70
16168		115.5	5.56	11.35	0.14	0.60	0.01	0.032	0.01	4.8	4.2	1.29	609	0.32	0.04	0.45
16169		132.5	3.55	8.75	0.05	0.12	0.06	0.019	0.10	3.5	6.2	0.71	1370	0.97	0.05	1.27
16170		80.4	3.39	8.13	0.05	0.09	0.08	0.023	0.02	6.7	6.0	0.52	1540	2.44	0.02	1.60
16171		108.5	3.49	6.80	0.06	0.09	0.09	0.020	0.04	5.1	6.6	0.64	1720	1.05	0.03	1.69
16172		127.0	5.15	11.30	0.11	0.22	0.15	0.045	0.01	15.0	7.4	0.71	2650	2.17	0.01	1.94
16173		57.1	4.24	9.00	0.05	0.19	0.08	0.033	0.02	6.4	5.7	0.60	1120	2.40	0.02	1.76
16174		41.8	3.04	7.21	0.06	0.25	0.04	0.025	0.01	3.2	4.7	0.71	737	0.55	0.01	0.94
16175		27.2	2.71	4.91	<0.05	0.05	0.07	0.017	0.01	7.4	6.0	0.31	1120	5.77	0.02	1.06

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918 HIGHWOOD DRIVE
COMOX BC V9M 3R5

Finalized Date: 9-AUG-2020
Account: AZTGEO

Project: BL Sream Sediments-2020

CERTIFICATE OF ANALYSIS VA20154058

Sample Description / Method / Analyte / Units / LOD	AuME-TL44 Ni ppm 0.2	AuME-TL44 P ppm 10	AuME-TL44 Pb ppm 0.2	AuME-TL44 Rb ppm 0.1	AuME-TL44 Re ppm 0.001	AuME-TL44 S % 0.01	AuME-TL44 Sb ppm 0.05	AuME-TL44 Sc ppm 0.1	AuME-TL44 Se ppm 0.2	AuME-TL44 Sn ppm 0.2	AuME-TL44 Sr ppm 0.2	AuME-TL44 Ta ppm 0.01	AuME-TL44 Te ppm 0.01	AuME-TL44 Th ppm 0.2	AuME-TL44 Ti % 0.005
16156	26.1	700	8.9	4.1	0.002	0.04	0.16	6.6	1.3	0.6	83.8	<0.01	0.08	0.3	0.165
16157	24.0	460	6.1	5.7	0.005	0.04	0.26	7.4	2.4	0.6	55.0	<0.01	0.08	0.6	0.150
16158	40.5	590	2.6	1.4	0.012	0.04	0.16	17.2	1.3	0.7	45.6	<0.01	0.07	0.5	0.320
16159	33.2	620	7.9	1.5	0.001	0.05	0.11	12.7	0.8	1.0	36.5	<0.01	0.05	0.5	0.431
16160	55.0	340	1.9	1.0	0.001	0.02	<0.05	13.9	0.5	0.9	41.9	<0.01	0.02	0.4	0.610
16161	50.3	380	2.0	1.1	0.001	0.01	<0.05	16.3	0.5	1.0	43.7	<0.01	0.02	0.5	0.630
16162	43.7	320	2.4	1.1	0.001	0.02	0.05	13.3	0.6	0.9	47.9	<0.01	0.03	0.5	0.434
16163	50.0	290	1.4	0.9	0.001	<0.01	<0.05	11.5	0.3	0.7	35.1	<0.01	0.01	0.4	0.360
16164	35.6	440	0.7	0.6	<0.001	<0.01	<0.05	8.9	0.2	0.9	34.8	<0.01	0.02	0.4	0.557
16165	30.3	420	0.8	0.5	<0.001	<0.01	<0.05	8.9	0.2	0.7	30.6	<0.01	0.01	0.4	0.438
16166	48.4	400	2.2	1.9	0.003	0.02	0.06	10.3	0.8	0.7	121.5	<0.01	0.07	0.4	0.337
16167	45.2	400	2.4	1.3	0.001	0.03	0.05	14.2	0.6	0.9	40.1	<0.01	0.02	0.5	0.570
16168	44.4	450	0.8	0.6	<0.001	<0.01	<0.05	9.0	0.3	0.7	35.3	<0.01	0.01	0.4	0.407
16169	26.6	410	19.5	2.6	0.001	0.03	0.11	6.6	0.8	0.4	89.8	<0.01	0.08	0.4	0.210
16170	26.5	500	6.6	2.2	0.001	0.03	0.11	7.3	0.7	0.5	32.6	<0.01	0.04	0.4	0.226
16171	27.3	550	6.9	2.2	0.001	0.05	0.13	7.4	1.2	0.4	58.5	<0.01	0.08	0.3	0.196
16172	55.1	460	1.9	1.3	0.005	0.06	0.06	21.9	0.9	0.8	36.6	0.01	0.05	0.4	0.369
16173	33.5	350	4.3	2.3	0.002	0.02	0.09	8.1	0.6	0.6	37.6	<0.01	0.06	0.5	0.295
16174	30.0	290	3.1	0.8	0.001	0.02	0.05	7.1	0.3	0.5	26.5	<0.01	0.01	0.4	0.272
16175	15.0	330	4.0	2.0	0.007	0.04	0.17	4.8	1.0	0.3	25.4	<0.01	0.04	0.4	0.118

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COMOX BC V9M 3R5

Finalized Date: 9-AUG-2020
Account: AZTGEO

Project: BL Sream Sediments-2020

CERTIFICATE OF ANALYSIS VA20154058

Sample Description	Method Analyte Units LOD	AuME-TL44 Tl ppm 0.02	AuME-TL44 U ppm 0.05	AuME-TL44 V ppm 1	AuME-TL44 W ppm 0.05	AuME-TL44 Y ppm 0.05	AuME-TL44 Zn ppm 2	AuME-TL44 Zr ppm 0.5
16156		0.04	0.98	101	0.12	14.85	147	2.2
16157		0.03	1.13	104	0.10	13.15	510	2.5
16158		0.04	1.60	186	0.09	24.5	158	5.9
16159		0.04	0.24	210	<0.05	12.00	74	16.9
16160		<0.02	0.20	226	<0.05	13.80	80	21.1
16161		0.02	0.23	229	<0.05	16.80	64	20.8
16162		0.03	0.21	198	<0.05	15.05	89	14.2
16163		<0.02	0.14	152	<0.05	11.10	77	15.1
16164		<0.02	0.15	220	0.09	13.80	55	30.0
16165		<0.02	0.14	184	0.05	13.10	50	20.5
16166		0.02	0.21	200	<0.05	11.55	84	18.6
16167		0.02	0.23	206	<0.05	17.75	104	24.4
16168		<0.02	0.15	198	<0.05	12.75	62	26.4
16169		0.03	0.30	108	0.07	7.44	182	5.2
16170		0.03	0.43	114	<0.05	12.15	142	4.6
16171		0.04	0.45	107	0.08	9.94	122	4.0
16172		0.06	0.66	183	<0.05	39.7	123	11.5
16173		0.03	0.77	161	<0.05	12.40	90	10.2
16174		0.02	0.18	110	<0.05	6.79	80	12.4
16175		0.03	2.26	75	0.07	9.88	43	2.1

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CERTIFICATE OF ANALYSIS VA20154058

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	AuME-TL44	DISP-01	LOG-22	SCR-41
	WEI-21			

APPENDIX II: Bacon Lake 2020 Stream Sediment XRF Analysis

Stream #	Sample #	Date	Latitude	Longitude	Au ppm	Ag ppm	Al ppm	As ppm	B	Ba	Be	Bi ppm	Ca ppm	Cd ppm	Ce	Co ppm	Cr ppm	Cs	Cu ppm	Fe ppm	Ga	Ge	Hf	Hg ppm	In	K ppm	La	Li	Mg ppm	Mn ppm	Mo ppm	Na	Nb ppm
1-6.1 kg	16156	2020-07-07	49.98052	-125.60128	0	0	14976	4				0	10632	0		0	0		43	26898				0		1839			0	890	0		5
1-6.1 kg	16156	2020-07-07			0	0	16113	8				0	12975	0		0	0		48	33932				0		1782			0	1084	0		5
1->200 mm	16156	2020-07-07			0	0	39169	28				0	41819	0		0	0		46	54114				0		1674			0	1235	42		0
1-<200 mm	16156	2020-07-07			0	0	72787	6				0	23480	0		0	0		74	47776				0		3902			19668	1562	0		0
1->2mm	16156	2020-07-07			0	0	105265	8				0	41124	0		0	134		129	68954				0		1508			19537	1450	0		0
1-<2mm	16156	2020-07-07			0	0	8630	8				0	50067	0		0	0		47	27845				0		687			0	1039	0		0
2-6.1 kg	16157	2020-07-07	49.98277	-125.60133	0	0	11903	3				0	8711	0		0	0		32	24841				0		2371			32478	660	0		3
2-6.1 kg	16157	2020-07-07			0	0	11152	2				0	9461	0		0	0		41	24596				0		2141			0	721	0		0
2->200 mm	16157	2020-07-07			0	0	30423	9				0	18707	0		0	118		126	51253				0		1583			0	1112	30		16
2-<200 mm	16157	2020-07-07			0	0	60610	6				0	16849	0		0	55		59	51723				0		6602			0	1512	0		7
2->2mm	16157	2020-07-07			0	0	94444	0				22	43618	0		0	128		57	62199				0		1833			50550	1291	0		0
2-<2mm	16157	2020-07-07			0	0	7773	3				0	45748	0		0	0		47	21789				0		734			0	580	0		0
3-7.2 kg	16158	2020-07-07	49.98702	-125.61049	0	0	10579	6				0	5136	0		0	0		42	25161				0		910			0	1377	0		0
3-7.2 kg	16158	2020-07-07			0	0	15773	4				0	6496	0		0	0		65	26356				0		1115			0	1216	0		4
3->200 mm	16158	2020-07-07			0	0	35827	0				0	15167	0		0	0		169	48098				0		1104			0	4273	39		22
3-<200 mm	16158	2020-07-07			0	0	38422	8				18	32029	0		0	97		101	61133				0		967			25939	2439	0		0
3->2mm	16158	2020-07-08			0	0	80480	18				19	31115	0		0	201		131	69592				0		695			23587	2121	0		0
3-<2mm	16158	2020-07-08			0	0	9392	10				0	48922	0		0	0		92	37895				0		487			0	1491	0		6
4-5.8 kg	16159	2020-07-07	49.98382	-125.61909	0	0	10956	0				0	11432	0		0	48		77	42342				0		1242			0	1413	0		0
4-5.8 kg	16159	2020-07-07			0	0	10374	0				0	7716	0		0	0		34	25230				0		1057			0	800	0		0
4->200 mm	16159	2020-07-07			0	0	28065	0				0	23497	0		0	103		70	83145				0		1565			38125	1419	0		10
4-<200 mm	16159	2020-07-07			0	0	33553	0				21	12119	0		0	0		51	38275				0		616			15023	1802	0		0
4->2mm	16159	2020-07-07			0	0	45090	0				19	14598	0		0	52		70	47548				0		565			0	1975	0		0
4-<2mm	16159	2020-07-07			0	0	8078	0				11	43313	0		0	0		54	31300				0		414			0	1329	0		0
5-7.1 kg	16160	2020-07-08	49.9855	-125.62721	0	0	13539	0				0	18867	0		0	50		211	50871				0		1274			0	1019	0		5
5-7.1 kg	16160	2020-07-08			0	0	11970	0				0	15649	0		0	67		96	48444				0		1204			0	913	0		6
5->200 mm	16160	2020-07-08			0	0	23714	0				0	51250	0		0	83		69	61214				0		178			0	766	21		15
5-<200 mm	16160	2020-07-08			0	0	63595	0				0	34651	0		0	111		101	69735				0		0			31147	1318	0		5
5->2mm	16160	2020-07-08			0	0	73048	4				0	34770	0		0	148		86	79135				0		187			0	1517	0		5
5-<2mm	16160	2020-07-08			0	0	9656	0				0	54291	0		0	0		83	44764				0		526			0	777	0		7
6-7.8 kg	16161	2020-07-08	49.97529	-125.64138	0	0	78400	0				0	35460	0		0	129		209	85078				0		0			0	1641	0		11
6-7.8 kg	16161	2020-07-08			0	0	72575	0				0	29625	0		0	191		171	79905				0		0			0	1630	0		7
6->200 mm	16161	2020-07-08			0	0	53404	8				0	45744	0		0	0		68	52655				0		2378			0	863	27		14
6-<200 mm	16161	2020-07-08			0	0	76100	0				0	39204	0		0	135		178	73965				0		1272			21486	1397	0		4
6->2mm	16161	2020-07-08			0	0	69439	0				0	32013	0		0	148		176	77173				0		0			0	2033	0		7
6-<2mm	16161	2020-07-08			0	0	9377	0				0	48365	0		0	0		103	46959				0		601			0	1097	0		6
7-7.7 kg	16162	2020-07-08	49.97513	-125.63302	0	0	99086	7				22	29176	0		0	129		161	86242				0		3345			28132	4552	0		0
7-7.7 kg	16162	2020-07-08			0	0	74589	0				0	36937	0		0	102		121	68473				0		596			0	4514	0		10
7->200 mm	16162	2020-07-08			0	0	35769	15				0	17959	0		0	0		244	75444				0		0			0	3445	32		25
7-<200 mm	16162	2020-07-08			0	0	95294	6				0	40941	0		0	180		240	84513				0		1066			24961	3652	8		6
7->2mm	16162	2020-07-08			0	0	106084	6				26	40874	0		0	134		128	81086				0		0			34702	3992	0		0
7-<2mm	16162	2020-07-08			0	0	10011	6				0	51329	0		0	47		88	45997				0		567			0	1778	0		10
6A-7.8 kg	16163	2020-07-09	49.9762	-125.64414	0	0	91615	0				0	39820	0		0	106		148	72799				0		541			37439	1249	0		11
6A-7.8 kg	16163	2020-07-09			0	0	93144	0				0	36263	0		0	148		147	84279				0		0			24107	1625	0		0
6A->200 mm	16163	2020-07-09			0	0	85640	0				0	24777	0		0	132		138	82261				0		0			49519	1018	0		7
6A-<200 mm	16163	2020-07-09			0	0	83576	0				0	42840	0		0	172		185	75676				0		0			0	1367	9		14
6A->2mm	16163	2020-07-09			0	0	100445	5				26	32036	0		0	143		178	77412				0		0			32239	1644	0		5
6A-<2mm	16163	2020-07-09			0	0	9471	0				0	51197	0		0	47		118	43692				0		575			0	799	0		12
9-7.1 kg	16164	2020-07-09	49.96328	-125.64936	0	0	96811	0				19	60092	0		0	154		90	91893				0		0			36612	1395	0		5
9-7.1 kg	16164	2020-07-09			0	0	101115	0				21	53996	0		0	113		121	77651				0		0			46785	1338	0		0

APPENDIX II: Bacon Lake 2020 Stream Sediment XRF Analysis

Stream #	Sample #	Date	Latitude	Longitude	Au ppm	Ag ppm	Al ppm	As ppm	B	Ba	Be	Bi ppm	Ca ppm	Cd ppm	Ce	Co ppm	Cr ppm	Cs	Cu ppm	Fe ppm	Ga	Ge	Hf	Hg ppm	In	K ppm	La	Li	Mg ppm	Mn ppm	Mo ppm	Na	Nb ppm
9->200 mm	16164	2020-07-09			0	0	42105	0				0	123221	0		0	146		81	75924				0		0			0	1929	42		25
9-<200 mm	16164	2020-07-09			0	0	43922	0				0	57216	0		0	146		153	83109				0		0			0	1585	29		19
9->2mm	16164	2020-07-09			0	0	89940	0				17	65616	0		0	140		110	75698				0		0			36642	1267	0		0
9-<2mm	16164	2020-07-09			0	0	9758	0				0	53711	0		0	62		113	47642				0		713			0	705	13		17
10-6.5 kg	16165	2020-07-09	49.95975	-125.64731	0	0	88891	0				22	45634	0		0	89		152	75520				0		0			33758	1410	0		0
10-6.5 kg	16165	2020-07-09			0	0	101614	3				19	51613	0		0	92		180	81992				0		0			39435	1371	0		7
10->200 mm	16165	2020-07-09			0	0	34707	0				0	8542	0		0	0		82	58126				0		10117			0	893	31		18
10-<200 mm	16165	2020-07-09			0	0	71139	0				0	46873	0		0	78		147	72783				0		2488			23812	1215	0		10
10->2mm	16165	2020-07-09			0	0	91399	0				24	47356	0		0	133		110	74550				0		196			41809	1398	0		5
10-<2mm	16165	2020-07-09			0	0	16825	0				0	55964	0		0	47		97	43861				0		590			26407	741	0		13
8-7.2 kg	16166	2020-07-09	49.96791	-125.65045	0	0	113250	19				0	34532	0		0	104		215	80775				0		2499			33638	1307	0		6
8-7.2 kg	16166	2020-07-09			0	0	69705	26				0	26286	0		0	119		165	80847				0		377			0	1278	0		14
8->200 mm	16166	2020-07-09			0	0	55606	7				0	39147	0		0	0		178	86854				0		3106			0	1504	18		26
8-<200 mm	16166	2020-07-09			0	0	105700	77				0	33555	0		0	56		638	74300				0		377			0	2877	0		12
8->2mm	16166	2020-07-09			0	0	93330	10				20	33454	0		0	92		151	65434				0		2259			23669	1288	0		0
8-<2mm	16166	2020-07-09			0	0	11716	13				0	50125	0		0	0		136	43971				0		695			0	754	0		10
11-7.2 kg	16167	2020-07-09	49.95589	-125.6496	0	0	110174	11				19	29307	0		0	80		155	74847				0		228			23731	1650	0		0
11-7.2 kg	16167	2020-07-09			0	0	108844	21				19	29090	0		0	114		124	73472				0		0			30428	2473	0		0
11->200 mm	16167	2020-07-09			0	0	38033	0				0	5022	0		0	0		95	72881				0		0			0	1418	22		14
11-<200 mm	16167	2020-07-09			0	0	72476	10				17	23334	0		0	90		147	71095				0		487			0	1355	0		7
11->2mm	16167	2020-07-09			0	0	79454	15				19	20965	0		0	116		105	65583				0		570			0	2296	0		0
11-<2mm	16167	2020-07-09			0	0	11550	6				0	39584	0		0	0		125	48524				0		492			0	1228	15		14
12-6.2 kg	16168	2020-07-09	49.94865	-125.64126	0	0	90684	4				22	49287	0		0	144		132	76369				0		0			44849	1222	0		4
12-6.2 kg	16168	2020-07-09			0	0	109647	5				22	50817	0		0	116		139	80584				0		0			40038	1427	0		7
12->200 mm	16168	2020-07-09			0	0	37824	0				0	34901	0		0	116		202	87926				0		614			0	1237	34		23
12-<200 mm	16168	2020-07-09			0	0	104008	5				13	59996	0		0	96		130	83713				0		0			43769	1378	0		0
12->2mm	16168	2020-07-09			0	0	104547	0				27	59767	0		0	103		129	77785				0		0			42724	1284	0		6
12-<2mm	16168	2020-07-09			0	0	10231	5				0	51996	0		0	46		109	47390				0		546			0	745	6		12
13-6.8 kg	16169	2020-07-10	49.95712	-125.62434	0	0	79339	5				0	19229	0		0	66		71	43823				0		3708			0	1642	10		9
13-6.8 kg	16169	2020-07-10			0	0	60670	9				0	22971	0		0	58		100	47312				0		4006			0	1340	6		6
13->200 mm	16169	2020-07-10			0	0	47059	0				0	26860	0		0	0		162	76385				0		0			0	1921	32		26
13-<200 mm	16169	2020-07-10			0	0	92634	9				0	40570	0		0	78		99	50790				0		2195			0	1791	0		0
13->2mm	16169	2020-07-10			0	0	130036	7				14	58081	0		0	64		51	28668				0		1976			17571	782	0		0
13-<2mm	16169	2020-07-10			0	0	9508	5				0	50672	0		0	0		74	25313				0		736			0	1133	0		8
14-4.7 kg	16170	2020-07-10	49.95343	-125.62576	0	0	95259	8				17	28320	0		0	121		71	56500				0		1587			19402	3423	0		0
14-4.7 kg	16170	2020-07-10			0	0	90001	11				21	21379	0		0	155		102	65435				0		1052			20862	3022	0		0
14->200 mm	16170	2020-07-10			0	0	57739	8				0	17899	0		0	117		92	81785				0		2656			0	2009	18		11
14-<200 mm	16170	2020-07-10			0	0	39860	7				0	16324	0		0	75		63	49416				0		1936			0	2317	18		13
14->2mm	16170	2020-07-10			0	0	83413	7				22	19857	0		0	80		79	65674				0		1922			18745	2018	0		0
14-<2mm	16170	2020-07-10			0	0	9704	13				0	46861	0		0	0		75	30065				0		734			0	1340	0		8
15-6.5 kg	16171	2020-07-10	49.95602	-125.61928	0	0	56181	6				0	32377	0		0	80		86	42713				0		4127			0	1837	14		10
15-6.5 kg	16171	2020-07-10			0	0	84724	6				20	19133	0		0	0		40	51152				0		4578			25727	1510	0		0
15->200 mm	16171	2020-07-10			0	0	44782	6				0	14057	0		0	0		133	30463				0		7295			0	2015	27		12
15-<200 mm	16171	2020-07-10			0	0	53163	6				0	26870	0		0	105		58	45025				0		8572			0	2121	10		15
15->2mm	16171	2020-07-10			0	0	59674	0				0	17402	0		0	178		22	75279				0		751			42915	1841	0		0
15-<2mm	16171	2020-07-10			0	0	7849	0				0	47292	0		0	0		73	28403				0		704			0	1213	0		8
16-3.4 kg	16172	2020-07-11	49.95768	-125.6425	0	0	68566	6				0	31577	0		0	77		206	73056				0		1451			0	8735	11		17
16-3.4 kg	16172	2020-07-11			0	0	86321	4				0	43734	0		0	71		85	78425				0		0			16797	2297	0		6
16->200 mm	16172	2020-07-11			0	0	36269	0				0	18844	0		0	137		231	75202				0		1608			0	17227	39		19
16-<200 mm	16172	2020-07-11			0	0	66004	9				0	24955	0		0	101		167	81291				0		1477			0	3941	0		8

APPENDIX II: Bacon Lake 2020 Stream Sediment XRF Analysis

Stream #	Sample #	Date	Latitude	Longitude	Au ppm	Ag ppm	Al ppm	As ppm	B	Ba	Be	Bi ppm	Ca ppm	Cd ppm	Ce	Co ppm	Cr ppm	Cs	Cu ppm	Fe ppm	Ga	Ge	Hf	Hg ppm	In	K ppm	La	Li	Mg ppm	Mn ppm	Mo ppm	Na	Nb ppm
16->2mm	16172	2020-07-11			0	0	84560	5				24	25594	0		0	120		176	81634				0		243			23429	4060	0		5
16-<2mm	16172	2020-07-11			0	0	8805	0				0	45565	0		0	0		144	36346				0		470			0	2465	0		7
17-4.5 kg	16173	2020-07-11	49.96181	-125.62904	0	0	100331	5				22	21798	0		0	106		61	54119				0		1655			0	1662	0		0
17-4.5 kg	16173	2020-07-11			0	0	57742	0				0	32085	0		0	83		59	55020				0		348			0	2217	0		0
17->200 mm	16173	2020-07-11			0	0	51407	0				0	20027	0		0	0		39	47317				0		3400			0	1400	8		9
17-<200 mm	16173	2020-07-11			0	0	90992	5				0	30403	0		0	112		119	74204				0		1585			0	2074	0		7
17->2mm	16173	2020-07-11			0	0	66714	5				24	20331	0		0	106		71	48799				0		751			22222	1304	0		0
17-<2mm	16173	2020-07-11			0	0	7348	3				0	42354	0		0	0		45	33250				0		685			0	900	7		7
18-3.9 kg	16174	2020-07-11	49.97906	-125.6031	0	0	63796	7				0	34205	0		0	73		70	57630				0		12772			0	1761	17		18
18-3.9 kg	16174	2020-07-11			0	0	102470	7				21	36534	0		0	103		70	76013				0		1530			24603	1731	0		0
18->200 mm	16174	2020-07-11			0	0	33386	0				0	17846	0		0	0		88	66708				0		1204			0	8969	37		13
18-<200 mm	16174	2020-07-11			0	0	87861	4				0	23397	0		0	79		58	48392				0		1433			0	1277	0		0
18->2mm	16174	2020-07-11			0	0	89931	4				15	36778	0		0	95		99	69010				0		520			21891	1815	0		0
18-<2mm	16174	2020-07-11			0	0	9861	0				0	50439	0		0	0		49	23869				0		754			0	721	5		9
50%					0	0	6.06	4				0	3.35	0		0	80		100.5	6.38				0		723			0	1415.5	0		6
70%					0	0	8.48	6				1.1	4.33	0		0	112		133.3	7.53				0		1533			21924	1803.3	0		10
90%								10.5									145		178	8.19													

APPENDIX II: Bacon Lake 2(

Stream #	Sample #	Ni ppm	P ppm	Pb ppm	Rb ppm	Re	S ppm	Sb ppm	Sc	Se ppm	Si ppm	Sn ppm	Sr ppm	Ta	Te	Th ppm	Ti ppm	Tl	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Notes
1-6.1 kg	16156	14	276	6	14		268	0		0	19091	0	390			0	2605		0	40	0	17	138	51	intrusive>volc
1-6.1 kg	16156	21	492	7	12		372	0		0	23944	0	254			0	2002		0	31	0	19	156	50	pink K-altn
1->200 mm	16156	103	0	0	12		0	0		9	76800	0	221			65	3814		0	139	0	36	120	81	
1-<200 mm	16156	35	521	5	19		621	0		0	161026	0	397			0	4058		0	76	0	16	171	63	
1->2mm	16156	90	1281	6	10		827	0		0	218987	0	283			0	8593		0	105	0	17	199	87	
1-<2mm	16156	28	0	9	17		768	0		0	12905	0	284			0	1783		0	0	0	17	121	54	brown
2-6.1 kg	16157	13	323	4	17		284	0		0	18190	0	227			0	2073		0	0	0	14	405	56	mostly altered intrusives
2-6.1 kg	16157	11	0	4	16		317	0		0	17784	0	238			0	1842		0	0	0	13	339	57	
2->200 mm	16157	55	0	12	9		587	0		0	70825	0	341			44	4846		0	0	0	21	426	104	small hem frags
2-<200 mm	16157	43	550	0	20		617	0		0	172467	0	235			0	4769		0	73	0	15	483	88	
2->2mm	16157	93	0	0	10		703	0		0	219593	0	446			0	7352		0	104	0	13	502	56	
2-<2mm	16157	11	0	3	19		845	0		0	12052	0	214			0	1450		0	28	0	12	302	61	brown
3-7.2 kg	16158	13	0	4	5		249	0		0	11212	0	137			0	1909		0	0	0	15	96	38	intrusive = volc
3-7.2 kg	16158	21	0	0	6		273	0		0	14250	0	195			0	1941		0	31	0	17	70	50	
3->200 mm	16158	93	0	0	17		635	0		0	46411	0	165			50	3931		0	93	0	23	70	83	
3-<200 mm	16158	93	356	0	4		855	0		0	71467	0	282			0	6095		0	103	0	17	173	66	
3->2mm	16158	71	828	0	5		788	0		0	139887	0	315			0	9691		0	124	0	20	172	85	
3-<2mm	16158	41	0	0	7		922	0		0	13432	0	238			0	2319		0	37	0	19	102	64	brown
4-5.8 kg	16159	31	339	5	5		480	0		0	19973	0	186			0	4411		0	54	0	13	100	55	Fe-stained volcanics
4-5.8 kg	16159	0	261	0	4		472	0		0	16262	0	101			13	2456		0	0	0	11	64	36	10% organics
4->200 mm	16159	54	536	0	6		978	0		0	52044	0	226			0	9505		0	103	0	14	81	79	
4-<200 mm	16159	25	432	0	6		701	0		0	60046	0	144			0	4224		0	43	0	9	55	41	
4->2mm	16159	37	761	0	3		787	0		0	73936	0	153			0	5299		0	70	0	9	66	48	
4-<2mm	16159	19	0	0	5		841	0		0	12045	0	170			0	1817		0	25	0	11	48	64	brown
5-7.1 kg	16160	60	0	0	4		240	0		0	12846	0	141			0	4596		0	76	0	24	76	71	mostly volcanic
5-7.1 kg	16160	65	0	0	2		264	0		0	11829	0	198			0	5513		0	71	0	19	83	70	hematite pebbles
5->200 mm	16160	76	0	0	0		481	0		0	56047	0	42			25	6589		0	71	0	15	66	69	
5-<200 mm	16160	92	324	0	0		486	0		0	130362	0	210			0	9019		0	87	0	16	99	78	
5->2mm	16160	135	0	0	3		400	0		0	148903	0	198			0	9560		0	121	0	17	119	90	
5-<2mm	16160	57	0	0	5		996	0		0	13463	0	226			0	3459		0	68	0	16	79	70	brown
6-7.8 kg	16161	102	532	8	4		358	0		0	153203	0	307			0	9591		0	123	0	23	122	99	mostly volcanic
6-7.8 kg	16161	147	544	0	0		365	0		0	126622	0	228			0	9718		0	91	0	21	123	94	hematite pebbles
6->200 mm	16161	50	0	0	9		797	0		0	139786	0	628			39	5606		0	150	0	17	65	39	
6-<200 mm	16161	80	0	0	8		256	0		0	158905	0	272			0	10073		0	129	0	19	80	89	
6->2mm	16161	145	497	0	4		489	0		0	128830	0	286			0	9249		0	107	0	19	156	83	
6-<2mm	16161	46	0	4	6		901	0		0	13438	0	212			0	3940		0	55	0	19	74	72	brown
7-7.7 kg	16162	113	431	0	10		519	0		0	201360	0	669			0	8575		0	154	0	13	201	76	mostly volcanic
7-7.7 kg	16162	104	538	0	7		495	0		0	163389	0	399			0	7238		0	87	0	15	161	68	
7->200 mm	16162	93	0	0	12		801	0		0	63288	0	290			0	10091		0	0	0	22	163	121	Fe-stained pebbles
7-<200 mm	16162	160	698	0	7		893	0		0	141338	0	314			0	8560		0	123	0	15	163	58	
7->2mm	16162	118	683	0	3		651	0		0	187452	0	215			0	11538		0	132	0	19	151	110	
7-<2mm	16162	52	0	0	6		929	0		0	13079	0	259			0	3736		0	52	0	16	99	85	brown
6A-7.8 kg	16163	89	0	0	4		0	0		0	171287	0	242			0	11117		0	131	0	20	109	105	volcanic
6A-7.8 kg	16163	162	0	0	0		203	0		0	177813	0	207			0	8383		0	120	0	17	231	78	hematite pebbles
6A->200 mm	16163	134	0	0	0		308	0		0	147701	0	180			0	8645		0	128	0	16	104	79	
6A-<200 mm	16163	128	579	0	5		0	0		0	149197	0	377			0	9364		0	123	0	18	127	89	
6A->2mm	16163	123	683	0	0		320	0		0	182811	0	153			0	9737		0	110	0	17	147	96	
6A-<2mm	16163	51	0	0	6		864	0		0	12951	0	230			0	3613		0	68	0	20	77	75	brown
9-7.1 kg	16164	99	0	0	0		0	0		0	242356	0	100			0	12067		0	111	0	18	89	101	mostly volcanic
9-7.1 kg	16164	94	0	0	3		0	0		0	262972	0	252			0	10191		0	151	0	23	90	91	small qtz-felsite frags

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Stream #	Sample #	Ni ppm	P ppm	Pb ppm	Rb ppm	Re	S ppm	Sb ppm	Sc	Se ppm	Si ppm	Sn ppm	Sr ppm	Ta	Te	Th ppm	Ti ppm	Tl	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Notes
9->200 mm	16164	108	0	0	0		0	0		0	103617	0	40			0	9512		0	130	0	34	100	98	
9-<200 mm	16164	131	0	0	5		0	0		0	125416	0	272			0	9704		0	127	0	32	108	111	
9->2mm	16164	88	0	0	3		0	0		0	235128	0	191			0	9812		0	121	0	22	81	83	
9-<2mm	16164	44	0	7	5		834	0		0	17867	0	219			0	3801		0	41	0	25	67	85	grey
10-6.5 kg	16165	88	0	0	0		0	0		0	237780	35	269			0	9562		0	146	0	20	93	77	Volc>intrusive
10-6.5 kg	16165	87	0	0	5		182	0		0	249915	0	244			0	10992		0	150	0	20	96	94	felsite frags
10->200 mm	16165	0	0	0	67		0	0		0	81791	0	84			39	4579		0	94	0	21	178	79	
10-<200 mm	16165	71	0	0	8		0	0		0	195850	0	209			0	9728		0	122	0	23	98	91	
10->2mm	16165	79	0	0	6		221	0		0	240629	0	251			0	9873		0	139	0	19	100	85	
10-<2mm	16165	34	0	0	4		956	0		0	31794	0	194			0	3888		0	67	0	23	57	78	grey
8-7.2 kg	16166	79	911	0	8		823	0		0	229373	0	603			0	9564		0	136	0	20	115	101	msotly basalt & andes porph
8-7.2 kg	16166	74	489	0	5		566	0		0	109447	0	252			0	10881		0	137	0	22	121	108	hem pebbles
8->200 mm	16166	91	0	0	7		563	0		0	146659	0	423			0	12580		0	155	0	38	127	141	carb coatings
8-<200 mm	16166	273	812	0	7		561	0		0	151744	0	380			0	7449		0	78	0	27	251	111	
8->2mm	16166	69	407	0	14		545	0		0	166420	0	396			0	7036		0	89	0	15	127	63	
8-<2mm	16166	47	0	0	8		924	0		0	13804	0	300			19	3581		0	48	0	17	90	70	red-brown
11-7.2 kg	16167	72	830	0	5		605	0		0	195455	0	318			0	10551		0	141	0	20	120	92	mostly volc
11-7.2 kg	16167	71	1014	0	5		468	0		0	178064	0	220			0	9137		0	107	0	23	125	90	mostly fines
11->200 mm	16167	47	0	0	0		527	0		0	108906	0	88			25	6675		0	0	0	10	189	68	hem & felsite-carb pebbles
11-<200 mm	16167	81	778	0	7		477	0		0	123389	49	225			0	9431		0	115	0	16	135	86	
11->2mm	16167	65	863	0	6		880	0		0	140897	0	195			0	10046		0	114	0	21	109	98	
11-<2mm	16167	51	0	0	8		671	0		0	14664	0	208			19	3725		0	50	0	21	107	80	brown
12-6.2 kg	16168	97	0	0	4		0	0		0	234734	0	307			0	9509		0	99	0	18	97	82	volc frags
12-6.2 kg	16168	86	0	0	4		0	0		0	272849	0	263			0	12075		0	136	0	23	99	104	felsite pebbles
12->200 mm	16168	100	0	0	0		0	0		0	108631	0	266			39	11538		0	113	0	37	119	134	sample is mostly fines
12-<200 mm	16168	95	0	0	2		156	0		0	246419	0	243			0	10824		0	152	0	20	97	84	
12->2mm	16168	78	0	0	4		0	0		0	280225	0	215			0	10313		0	137	0	22	99	98	
12-<2mm	16168	44	0	0	5		828	0		0	14782	0	220			0	3630		0	75	0	23	94	82	grey
13-6.8 kg	16169	29	983	10	19		878	0		0	143104	0	376			15	5046		0	54	0	16	159	100	volc & siliceous frags
13-6.8 kg	16169	37	0	16	16		650	0		0	162256	0	391			0	5563		0	89	0	18	169	110	angular
13->200 mm	16169	130	0	0	0		0	0		0	106600	0	390			0	8059		0	103	0	33	209	128	hem & carb coatings
13-<200 mm	16169	53	472	6	15		682	0		0	180980	0	293			0	5638		0	86	0	13	221	110	
13->2mm	16169	28	0	5	6		276	0		0	250948	0	118			0	3924		0	64	0	7	57	35	
13-<2mm	16169	17	0	12	15		822	0		0	13073	0	317			13	1564		0	31	0	14	123	71	brown
14-4.7 kg	16170	76	1210	9	12		1164	0		0	203191	0	547			0	6478		0	91	0	17	270	78	volc & felsite frags
14-4.7 kg	16170	73	1077	8	8		625	0		0	173909	0	280			0	8884		0	95	0	16	255	85	
14->200 mm	16170	106	0	8	13		595	0		0	128865	0	324			25	8493		0	146	0	21	320	82	
14-<200 mm	16170	39	0	9	12		618	0		0	100924	0	403			0	6220		0	57	0	13	173	124	
14->2mm	16170	75	772	0	15		685	0		0	181976	0	328			0	7549		0	121	0	11	281	96	
14-<2mm	16170	22	0	9	14		854	0		0	12775	0	292			12	2467		0	30	0	18	147	60	brown
15-6.5 kg	16171	43	840	8	23		1460	0		0	140807	0	379			0	5205		0	76	0	20	136	115	intrusive>volc
15-6.5 kg	16171	27	1072	5	28		1584	0		0	208657	0	361			0	3323		0	82	0	18	129	107	angular frags
15->200 mm	16171	71	0	0	36		1067	0		0	111406	0	282			41	2844		0	99	0	18	135	103	some felsite frags
15-<200 mm	16171	41	0	0	31		1102	0		0	129261	0	551			0	6264		0	131	0	24	167	138	
15->2mm	16171	99	0	13	3		790	0		0	117684	0	226			0	4046		0	94	0	15	309	46	
15-<2mm	16171	21	0	7	11		793	0		0	12670	0	343			13	1936		0	0	0	16	92	53	brown
16-3.4 kg	16172	122	854	0	8		905	0		0	124115	0	275			0	10641		0	91	0	36	248	108	Fe-stained volc & intrusive
16-3.4 kg	16172	93	1396	0	4		1567	0		0	154470	0	207			0	10863		0	134	0	24	144	104	
16->200 mm	16172	164	0	0	7		726	0		0	72792	0	315			37	7631		0	142	0	32	205	128	
16-<200 mm	16172	108	1300	0	11		1531	0		0	122242	0	276			0	8285		0	137	0	20	164	92	

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Stream #	Sample #	Ni ppm	P ppm	Pb ppm	Rb ppm	Re	S ppm	Sb ppm	Sc	Se ppm	Si ppm	Sn ppm	Sr ppm	Ta	Te	Th ppm	Ti ppm	Tl	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Notes
16->2mm	16172	101	1068	0	4		841	0		0	145480	0	275			0	10429		0	117	0	24	178	95	
16-<2mm	16172	40	0	4	10		796	0		0	11408	0	159			13	2762		0	50	0	44	111	60	brown
17-4.5 kg	16173	53	724	0	12		576	0		0	182320	0	270			0	7382		0	85	0	16	111	83	intrusive >>volc
17-4.5 kg	16173	47	0	0	8		0	0		0	158158	0	218			0	7810		0	118	0	21	126	101	abundant coarse rounded frags
17->200 mm	16173	48	0	0	16		375	0		0	157573	0	151			0	4868		0	105	0	15	102	67	
17-<200 mm	16173	70	490	0	10		601	0		0	155696	0	334			0	9264		0	129	0	18	141	96	hematite & carb coated pebbles
17->2mm	16173	58	543	0	6		522	0		0	116338	0	249			0	6952		0	78	0	15	94	93	
17-<2mm	16173	25	0	7	11		690	0		0	11920	0	321			13	3107		0	49	0	19	81	79	brown
18-3.9 kg	16174	64	0	0	26		1115	0		0	181831	0	450			0	8044		0	107	0	23	116	113	Fe-Mn stained rounded frags
18-3.9 kg	16174	84	784	0	9		1256	0		0	214992	0	407			0	10407		0	149	0	18	167	87	intrusive
18->200 mm	16174	88	0	0	7		1096	0		0	62523	0	378			45	4806		0	134	0	23	184	86	
18-<200 mm	16174	53	0	0	10		922	0		0	261150	0	371			0	6371		0	90	0	12	94	135	
18->2mm	16174	76	632	5	7		1060	0		0	219377	0	306			0	8869		0	107	0	13	139	84	
18-<2mm	16174	22	0	7	13		895	0		0	13736	0	359			15	2007		0	62	0	13	68	56	grey-brown
50%		71	0	0	7		611	0		0	12.9	0	261			0	7137		0	94.5	0	18	121	84	
70%		91.1	492	0	10		822	0		0	16.4	0	314			0	9370		0	121	0	21	159	95	
90%																				139			250		

APPENDIX III: 2019, 2020, 2021 XRF Rock Sampling_Bacon Lake Property

XRF Sample #	Operator	Project No.	Sample ID	Sample Type	Date	Latitude	Longitude	Mg ppm	Al ppm	Si ppm	P ppm	S ppm	K ppm	Ca ppm	Ti ppm	V ppm	Cr ppm	Mn ppm	Fe ppm	Co ppm	Ni ppm	Cu ppm	Zn ppm	As ppm	Rb ppm
1	DF	BL-2020	PM14	In Situ	2020-05-07	49.95704	-125.64027	0	81852	316770	0	692	21895	0	2415	83	0	583	18401	0	0	0	31	0	43
2	DF	BL-2020	PM15	In Situ	2020-05-07	49.95703	-125.64159	0	47601	196096	0	36874	25575	34777	1429	48	0	468	46760	0	0	17	22	7	44
3	DF	BL-2020	PM12	In Situ	2020-05-07	49.95788	-125.63826	34012	42359	75730	635	20246	3610	28424	4582	123	0	815	114355	0	100	3609	91	9	20
4	DF	BL-2020	PM1	In Situ	2020-05-07	49.96505	-125.63928	33747	45077	108017	0	44942	4473	166254	1241	0	0	1837	103069	0	55	0	170	6	16
5	DF	BL-2020	PM1	In Situ	2020-05-07	49.9651	-125.6393	0	106149	185461	0	27145	38727	15797	4820	203	135	822	95034	0	155	810	161	27	58
6	DF	BL-2020	PM1	In Situ	2020-05-07	49.9651	-125.63931	21653	101401	196594	656	25521	39082	20155	7275	180	0	371	58597	0	30	0	69	0	127
7	DF	BL-2020	PM2	In Situ	2020-05-07	49.96299	-125.6444	0	43490	115495	0	750	0	44723	5939	92	244	1036	74680	0	151	117	96	10	0
8	DF	BL-2020	PM3	In Situ	2020-05-07	49.95966	-125.64312	0	58302	139655	559	729	0	74407	1212	171	0	2287	273201	0	56	80	258	69	0
9	DF	BL-2020	PM3	In Situ	2020-05-07	49.95961	-125.64318	0	35955	74722	550	677	0	17771	3739	327	0	2116	688417	0	0	0	363	60	0
10	DF	BL-2020	PM5	In Situ	2020-05-07	49.96005	-125.63261	0	46964	170316	5007	17396	6930	8621	1719	91	0	328	35776	0	0	9	20	5	39
11	DF	BL-2020	PM5	In Situ	2020-05-07	49.96013	-125.63266	0	59320	291126	0	22194	19724	12936	2287	77	0	208	26904	0	0	0	15	0	48
12	DF	BL-2020	PM8	In Situ	2020-05-07	49.95846	-125.6339	0	69242	248406	365	36349	1123	62603	11110	98	118	2063	64402	0	48	203	69	8	7
13	DF	BL-2020	PM8	In Situ	2020-05-07	49.95846	-125.6339	0	78023	231497	0	44556	0	84205	9438	141	112	1759	105977	0	66	157	75	7	5
14	DF	BL-2020	PM9	In Situ	2020-05-07	49.95988	-125.63573	61612	87313	168338	0	19512	8001	50201	7784	113	72	2057	101578	0	63	533	269	7	27
15	DF	BL-2020	PM10	In Situ	2020-05-07	49.96004	-125.63508	49830	24186	205016	6003	1362	1366	62034	4163	73	0	2090	76770	0	43	15	129	0	0
16	DF	BL-2020	PM11	In Situ	2020-05-07	49.95862	-125.63638	25852	56704	49305	2167	7039	119	4730	1458	0	0	382	306282	0	0	3232	34	19	0
17	DF	BL-2020	PM11	In Situ	2020-05-07	49.95862	-125.63639	22698	49676	142933	1261	930	6487	44109	33589	209	219	1390	97876	0	90	227	98	8	20
18	DF	BL-2020	PM2	In Situ	2020-06-17	-125.6367	5537459.13	22228	80135	220194	2684	24872	6353	54573	8798	65	189	1236	93183	0	64	218	66	5	20
19	DF	BL-2020	PM2	In Situ	2020-06-17	-125.6371	5537459.13	0	69405	228751	1271	2569	5578	33438	4927	91	0	382	53964	0	0	14	24	0	18
20	DF	BL-2020	PM4	In Situ	2020-06-17	49.95907	-125.63753	38627	70773	242557	1174	8758	2961	56605	6659	127	0	1325	67311	0	0	11	80	0	12
21	DF	BL-2020	PM5	In Situ	2020-06-17	49.95868	-125.637	12539	70174	173445	564	0	0	157921	11284	112	284	4548	99600	0	165	131	2859	13	5
22	DF	BL-2020	PM5	In Situ	2020-06-17	49.95872	-125.63686	38970	95232	236915	0	8333	0	109572	8105	119	509	1185	70434	0	103	54	98	0	0
23	DF	BL-2020	PM6	In Situ	2020-06-17	49.95884	-125.63625	47271	66135	168183	642	529	0	30555	10782	135	185	1602	120796	0	104	408	101	0	0
24	DF	BL-2020	PM9	In Situ	2020-06-17	49.96034	-125.62947	0	28904	337905	0	41564	4833	2329	1420	48	0	251	44053	0	0	14	15	0	20
25	DF	BL-2020	PM9	In Situ	2020-06-17	49.96047	-125.62942	0	79814	269551	346	1234	15884	4888	3136	90	0	217	19415	0	0	728	41	0	53
26	DF	BL-2020	PM9	In Situ	2020-06-17	49.96041	-125.62944	0	16006	345210	0	43309	6303	1695	616	55	0	43	25925	0	0	0	9	0	17
27	DF	BL-2020	PM1	In Situ	2020-06-03	49.9612	-125.62375	0	80503	150216	0	0	0	102151	4259	85	0	3230	88424	0	110	1081	94	11	0
28	DF	BL-19	16301	In Situ	2019-11-02	49.9662	-125.62644	63995	29322	63368	0	1968	0	35332	0	0	0	8430	604527	78303	0	103	0	109840	0
29	DF	BL-19	16302	In Situ	2019-11-02	49.96681	-125.62669	44585	20100	199134	0	763	0	22864	0	0	0	1071	508595	0	0	0	53	28	0
30	DF	BL-19	16303	In Situ	2019-11-02	49.96669	-125.6266	0	26833	30889	6286	52247	325	16597	0	0	0	566	290344	0	0	757	61	140	0
31	DF	BL-19	16304	In Situ	2019-11-02	49.96701	-125.62634	0	22367	41376	778	15918	0	2132	0	0	0	1123	448318	0	0	2416	49	34	0
32	DF	BL-19	16305	In Situ	2019-11-02	49.96714	-125.62412	39680	62897	97385	2261	796	0	26481	1232	0	0	4175	543601	0	0	1612	748	57	0
33	DF	BL-19	16306	In Situ	2019-11-02	49.9673	-125.62427	0	29802	192411	1069	911	0	12072	902	0	0	3688	359250	0	0	0	244	86	0
34	DF	BL-19	16307	In Situ	2019-11-02	49.96733	-125.62425	0	30993	62522	0	1009	0	54144	0	0	0	2480	542749	0	0	0	73	336	0
35	DF	BL-19	16308	In Situ	2019-11-02	49.96785	-125.6242	50200	51058	77031	1045	884	0	27198	0	0	0	3749	627626	0	0	0	595	44	0
36	DF	BL-19	16309	In Situ	2019-11-02	49.96804	-125.62415	62620	39928	59309	4079	1393	222	4853	0	0	0	1662	761538	0	0	211	64	154	0
37	DF	BL-19	16310	In Situ	2019-11-02	49.96839	-125.62411	0	33672	69102	1519	1007	442	19239	0	0	0	3900	690975	0	0	413	709	115	0
38	DF	BL-19	16311	In Situ	2019-11-02	49.96854	-125.62419	51373	52185	65356	839	1098	371	10271	0	0	0	4974	714231	0	0	0	506	64	0
39	DF	BL-19	16312	In Situ	2019-11-02	49.96672	-125.62323	0	33188	107375	1965	364	0	60721	871	0	0	14225	104862	0	0	57	165	52	0
40	DF	BL-19	16313	In Situ	2019-11-02	49.96717	-125.62349	0	33100	81025	1964	1029	256	41018	945	0	0	8543	495414	0	0	0	154	117	0
41	DF	BL-19	16314	In Situ	2019-11-02	49.96745	-125.62254	39648	26928	145582	557	1804	0	12546	0	0	0	1473	672951	0	0	856	280	173	0
42	DF	BL-19	16315	In Situ	2019-11-02	49.96779	-125.6237	0	28339	138054	0	0	0	164013	605	0	0	18725	58621	0	25	19	384	15	0
43	DF	BL-19	16316	In Situ	2019-11-02	49.9742	-125.61763	78092	79199	178982	0	457	610	27913	3027	83	0	2068	115872	0	28	0	138	0	0
44	DF	BL-2020	PM15-1	In Situ	2020-05-29	49.9518	-125.62204	22972	29457	44024	3524	21559	0	8791	2987	117	117	489	200047	0	0	280	169	31	0
45	DF	BL-2020	PM15-2	In Situ	2020-05-29	49.9518	-125.62204	0	133585	216362	0	3701	1643	60464	2731	92	88	1351	49060	0	39	269	134	4	7
46	DF	BL-2020	PM16-3	In Situ	2020-05-29	49.95477	-125.6196	66284	79598	112025	440	1968	0	7529	4998	53	1051	4118	176704	0	263	1224	873	0	0
47	DF	BL-2020	PM16-4	In Situ	2020-05-29	49.95477	-125.6196	26094	76895	150040	0	0	0	45011	2594	0	0	916	42634	0	0	493	190	0	0
48	DF	BL-2020	PM13	In Situ	2020-06-03	49.95655	-125.61879	0	124067	159407	1006	0	0	140900	5567	109	0	1180	42900	0	20	351	49	9	0
49	DF	BL-2020	PM14-1	In Situ	2020-06-03	49.9574	-125.61798	55966	29426	35987	0	4412	0	6395	0	0	0	1014	551449	0	0	120590	3480	99	0
50	DF	BL-2020	PM14-2	In Situ	2020-06-03	49.9574	-125.61798	0	29742	60165	692	1017	0	23098	0	0	0	1532	632394	0	0	5701	588	264	0
51	DF	BL-2020	PM11-1	In Situ	2020-06-03	49.96137	-125.61276	0	105603	162432	0	219	0	140229	1818	96	0	1213	71797	0	26	19	41	11	0
52	DF	BL-2020	PM11-2	In Situ	2020-06-03	49.96137	-125.61276	50904	69619	130399	1113	313	0	47784	9908	177	0	7285	122590	0	0	289	463	32	0
53	DF	BL-2020	PM11-3	In Situ	2020-06-03	49.96137	-125.61276	34954	104234	176831	0	156	0	77241	10356	165	0	3621	90432	0	38	92	118	59	0
54	DF	BL-2020	PM17-1	In Situ	2020-06-03	49.96184	-125.60836	0	40266	92036	1445	7936	0	94376	3338	0	0	13795	51975	675	322	73064	40713	60	0
55	DF	BL-2020	PM17-2	In Situ	2020-06-03	49.96184	-125.60836	0	48967	278969	893	4805	0	36030	0	0	0	1430	620175	0	0	3032	5370	184	0
56	DF	BL-2020	PM6-1	In Situ	2020-06-03	49.9636	-125.61033	0	17513	22272	2192	19252	1513	7457	708	30	0	236	134374	0	0	58	27	177	17
57	DF	BL-2020	PM6-2	In Situ	2020-06-03	49.9636	-125.61033	0	70980	159523	2393	601	3842	84531	7403	153	147	1744	53849	0	141	512	315	39	18
58	DF	BL-2020	PM6-3	In Situ	2020-06-03	49.9636	-125.61033	0	46282	114177	3143	402	0	83505	0	0	0	3694	580723	0	0	0	554	813	0

APPENDIX III: 2019, 2020, 2021 XRF Rock Sampling_Bacon Lake Property

XRF Sample #	Operator	Project No.	Sample ID	Sample Type	Date	Latitude	Longitude	Mg ppm	Al ppm	Si ppm	P ppm	S ppm	K ppm	Ca ppm	Ti ppm	V ppm	Cr ppm	Mn ppm	Fe ppm	Co ppm	Ni ppm	Cu ppm	Zn ppm	As ppm	Rb ppm
59	DF	BL-2020	PM8-1	In Situ	2020-06-03	49.96336	-125.60907	29986	54137	120761	961	302	0	22353	0	0	0	21298	215854	0	0	862	1799	871	0
60	DF	BL-2020	PM8-2	In Situ	2020-06-03	49.96331	-125.60911	0	43930	144011	2026	468	0	83140	917	0	0	17726	174464	0	0	1098	3510	572	0
61	DF	BL-2020	PM9	In Situ	2020-06-03	49.96247	-125.60993	32729	103447	171387	0	155	0	36151	7478	127	0	5301	66348	0	21	57	296	26	0
62	DF	BL-2020	PM2-1	In Situ	2020-08-27	49.9633	-125.6109	0	19932	135268	0	22064	0	67562	327	0	0	2815	74461	0	0	100379	307	106	0
63	DF	BL-2020	PM2-2	In Situ	2020-08-27	49.9633	-125.6109	0	93705	148515	5633	5103	0	81170	2323	61	0	3475	54407	0	22	1599	66	20	0
64	DF	BL-2020	PM2-3	In Situ	2020-08-27	49.9633	-125.6109	0	69749	190641	0	259	0	82045	2805	94	0	3076	89363	0	53	714	254	129	0
65	DF	BL-2020	PM12	In Situ	2020-08-27	49.96577	-125.61122	0	12810	99148	3183	3241	2989	147440	564	0	0	4341	112105	0	0	75	133	112	5
66	DF	BL-2020	PM18-1	In Situ	2020-08-27	49.96707	-125.61565	22476	34885	116433	2575	4782	0	67018	0	0	0	2328	570765	0	0	3408	7181	1255	0
67	DF	BL-2020	PM18-2	In Situ	2020-08-27	49.96707	-125.61565	43793	55182	117817	793	929	733	44433	2840	0	0	5457	402158	0	0	770	6698	150	0
68	DF	BL-19	16318	In Situ	2019-11-02	49.97604	-125.61634	0	37491	72231	789	1031	0	38312	0	0	0	6580	484647	0	0	565	554	76	0
69	DF	BL-19	16319	In Situ	2019-11-02	49.97582	-125.61643	45601	29636	78977	1801	1221	0	17421	0	0	0	1827	651047	0	0	0	231	59	0
70	DF	BL-19	16320	In Situ	2019-11-02	49.97463	-125.61649	0	100736	181750	1532	639	4236	57966	3864	125	0	1879	38696	0	22	15	85	6	19
71	DF	BL-2020	PM11	In Situ	2020-06-17	49.97822	-125.605	0	79696	336008	815	38268	23548	1695	5056	83	0	1737	76842	0	20	15	120	7	85
72	DF	BL-2020	PM12-1	In Situ	2020-06-17	49.97793	-125.60607	31448	100874	146027	267	10898	27979	43938	1053	88	0	2437	99893	0	18	11	211	0	63
73	DF	BL-2020	PM12-2	In Situ	2020-06-17	49.97781	-125.60616	0	60509	153115	1880	1078	16636	55947	3421	132	0	1195	44862	0	28	0	63	0	58
74	DF	BL-2021	IMAG9-1	In Situ	2021-06-22	49.97169	-125.62005	0	124487	140238	0	713	528	25182	1024	0	0	898	72777	0	178	287	113	20	7
75	DF	BL-2021	IMAG5-2	In Situ	2021-06-22	49.96585	-125.62615	43866	38142	59230	2399	1438	0	5894	1177	0	0	1022	713969	0	0	0	62	190	0
76	DF	BL-2021	IMAG5-3	In Situ	2021-06-22	49.96578	-125.62625	34393	37042	55059	2514	798	0	1551	0	0	0	1923	560511	0	0	99	242	323	0
77	DF	BL-2021	IMAG5-4	In Situ	2021-06-22	49.9655	-125.62625	27658	29491	91224	1035	685	915	3219	0	0	0	671	697402	0	0	0	0	89	0
78	DF	BL-2021	IMAG5-5	In Situ	2021-06-22	49.96515	-125.62588	0	30954	191565	1655	755	0	1686	0	0	0	905	467326	0	0	98	62	127	0
79	DF	BL-2021	IMAG5-6	In Situ	2021-06-22	49.96522	-125.62557	39394	30308	118865	1848	13846	3220	2989	0	0	0	151	559999	0	0	45	0	73	0
80	DF	BL-2021	IMAG5-7	In Situ	2021-06-22	49.965	-125.62523	29688	35149	99989	957	543	0	1034	0	0	0	671	684925	0	0	0	44	223	0
81	DF	BL-2021	IMAG5-9	In Situ	2021-06-22	49.96544	-125.62512	0	33391	131551	1096	611	987	2341	0	0	0	1082	535869	0	0	97	93	59	0
82	DF	BL-2021	IMAG5-11	In Situ	2021-06-22	49.96581	-125.62496	0	36980	94705	6353	4467	1078	2479	580	62	0	323	660532	0	0	131	0	350	0
83	DF	BL-2021	IMAGOV-1	In Situ	2021-06-22	49.95053	-125.62657	0	73133	195215	0	360	8018	13266	7329	89	532	2760	125109	0	151	7053	402	0	36
84	DF	BL-2021	IMAG6-1	In Situ	2021-06-22	49.95734	-125.62303	25443	92931	197691	0	274	1862	47085	6490	122	71	1204	81435	0	52	738	153	17	7
85	DF	BL-2021	IMAG6-2	In Situ	2021-06-22	49.95734	-125.62429	0	73194	158767	0	280	639	70905	2976	0	0	859	27739	0	31	41	92	5	0
86	DF	BL-2021	IMAG6-3	In Situ	2021-06-22	49.95716	-125.62429	0	106316	156809	569	803	2111	56994	3523	133	0	2368	74287	0	57	563	1107	16	5
87	DF	BL-2021	IMAGOV-8	In Situ	2021-06-22	49.96452	-125.60778	0	50264	206599	0	254	0	121455	2315	174	60	2084	55026	0	34	14	37	11	0
88	DF	BL-2021	IMAGOV-9	In Situ	2021-06-22	49.96437	-125.60847	30065	77224	136163	1503	19217	0	15809	1904	70	0	1307	146288	0	36	268	147	29	0
89	DF	BL-2020	IMAGOV-4	In Situ	2020-05-22	49.98315	-125.60012	0	94811	192723	962	617	1209	37238	2385	44	50	761	36147	0	26	38	66	14	0
90	DF	BL-2020	IMAGOV-5	In Situ	2020-05-22	49.98303	-125.60015	0	53005	190662	0	677	1862	37808	5279	579	0	843	30552	0	0	0	31	0	5
91	DF	BL-2020	IMAGOV-6	In Situ	2020-05-22	49.98476	-125.6182	0	78591	153758	0	76397	19970	77668	2167	81	94	621	106714	0	212	323	35	28	102
92	DF	BL-2020	IMAGOV-7	In Situ	2020-05-22	49.98479	-125.61816	0	88534	291683	0	12310	0	53145	1206	0	0	198	32905	0	0	252	31	4	14
93	DF	BL-2020	IMAGOV-11	In Situ	2020-05-22	49.97075	-125.65207	0	58810	204565	1631	1315	2551	2102	5777	102	62	1695	50435	0	36	824	90	6	16
94	DF	BL-2020	IMAGOV-12	In Situ	2020-05-22	49.97075	-125.65207	0	37866	142150	0	1018	0	58516	6396	99	0	1869	66755	0	68	11198	109	0	0

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XRF Sample #	Operator	Sr ppm	Y ppm	Zr ppm	Nb ppm	Mo ppm	Hg ppm	Pb ppm	Bi ppm	Th ppm	Description
1	DF	218	13	115	7	0	0	0	0	0	Chlor + bleached gd w epidote fracs
2	DF	163	13	57	10	22	0	23	0	30	Strong sil-ser altn of gd; zones of ep-qtz-chlor-py vnlts; at end of rd
3	DF	320	14	46	8	21	0	0	0	0	Strong chlor + bleaching of gd; frac py
4	DF	99	6	8	0	0	0	0	0	22	Road side quarry approx 100m long; msv, bx basalts + lamp dikes and amyg basalts at west end; local py, cpy in carb vnlts
5	DF	328	17	86	8	7	0	25	0	0	Road side quarry approx 100m long; msv, bx basalts + lamp dikes and amyg basalts at west end; local py, cpy in carb vnlts
6	DF	1253	21	46	6	10	9	15	0	0	Road side quarry approx 100m long; msv, bx basalts + lamp dikes and amyg basalts at west end; local py, cpy in carb vnlts
7	DF	235	24	77	14	25	0	0	0	33	Rock quarry; basalt flow bx+ lamprophyre dykes
8	DF	1389	0	56	0	0	0	0	0	0	Angular subcrop; msv magnetite skarn, andesite
9	DF	21	0	0	0	0	0	0	188	0	Angular subcrop; msv magnetite skarn, andesite
10	DF	326	18	84	0	0	0	4	0	0	Bleached, silicified granodiorite w diss + veinlet py; mafics are chloritized
11	DF	267	19	89	10	14	0	6	0	17	Bleached, silicified granodiorite w diss + veinlet py; mafics are chloritized
12	DF	316	39	149	19	0	0	0	0	0	Large lamp body in contact w bleached gd with chlor alt on SE side of quarry; bleb + stringer py in lamp; silica stringers in bleached intrusive
13	DF	288	34	148	16	0	0	11	0	0	Large lamp body in contact w bleached gd with chlor alt on SE side of quarry; bleb + stringer py in lamp; silica stringers in bleached intrusive
14	DF	188	18	94	12	0	0	0	0	0	Py+ hornfelsing in bleached granodiorite
15	DF	25	129	16	13	9	16	0	0	0	Mag-chlor stringers strike 20-50 deg thru fine grained gd; also silica stringers
16	DF	49	0	28	0	0	0	0	79	0	Chloritized gd + bleached zones + andes & andes porph with some py; extensive hem blebs and lim fracs
17	DF	203	52	337	37	0	0	10	0	0	Chloritized gd + bleached zones + andes & andes porph with some py; extensive hem blebs and lim fracs
18	DF	635	30	47	14	11	0	0	0	0	Contact of med xtal gd endoskarn with diss py-mag-po & fine xtal plag porph (grey); apparent strike at 060
19	DF	521	26	77	9	17	0	0	0	23	plag porph with diss py-po
20	DF	448	29	88	8	10	0	0	0	0	Grey andesite? With diss py-po
21	DF	148	23	102	14	0	0	0	0	0	Strongly silicifed & argillic altn in gd; bleb py-po + epidote
22	DF	373	27	93	15	15	0	9	0	24	green andesite with diss py
23	DF	169	32	189	23	15	0	0	0	0	View NE across N-S fault saddle? At this loc is subcrop of strong chlor-sil gd with bleb po +mag
24	DF	251	47	76	8	12	0	5	0	0	Ntwk qtz veinlets + py-cpy in white chlor alt gd wth diss py; orientations: 220/80; 180/50; 040/50
25	DF	249	15	90	6	9	0	0	0	0	Ntwk qtz veinlets + py-cpy in white chlor alt gd wth diss py; orientations: 220/80; 180/50; 040/50
26	DF	128	7	28	5	13	0	5	0	17	Ntwk qtz veinlets + py-cpy in white chlor alt gd wth diss py; orientations: 220/80; 180/50; 040/50
27	DF	425	27	103	15	9	0	8	0	21	Chlor-epidote altd gd; Py blebs
28	DF	0	0	0	0	0	0	0	2247	0	massive magnetite with cobalt bloom in pit
29	DF	0	0	0	0	0	0	0	90	0	massive magnetite-pyrrhotite
30	DF	254	0	97	0	94	0	0	48	0	pit; massive magnetite, pyrrhotite, cpy and mal stain
31	DF	0	0	0	0	0	0	0	157	0	white oxide staining
32	DF	0	0	0	0	0	0	0	110	0	mag lenses in calc-silicate skarn
33	DF	113	0	9	0	0	0	0	44	0	>0.5 m wide mag lense in calc-silicate skarn
34	DF	0	0	0	0	0	0	0	102	0	vertical contact of mag lense w calc-silicate skarn
35	DF	13	0	0	0	0	0	0	156	0	mag lenses in calc-silicate skarn, med green andes tuff
36	DF	0	0	0	0	0	0	0	259	0	msv mag subcrop
37	DF	0	0	0	0	0	0	0	236	0	msv mag + calc-silicate outcrop exposed over 5 m length
38	DF	0	0	0	0	0	0	0	201	0	msv mag bluff
39	DF	16	12	65	6	0	0	7	0	16	mag, calc-silicate skarn,lstone,bleached granite contact zone
40	DF	12	0	0	0	0	0	0	107	0	msv mag lenses in calc-silicate skarn outcrop below road on top of bleached gd bluff
41	DF	0	0	0	0	0	0	0	217	0	mag lenses in calc-silicate skarn in contact with limestone
42	DF	564	15	24	8	20	0	25	0	26	Bleached gd bluff set with till cover below and to north, limestone approx 40 m NW of this
43	DF	487	10	29	0	0	0	0	0	0	Mag lenses in calc-silicate skarn
44	DF	11	0	46	0	0	0	0	32	0	Basalt: zones of bleaching, silicification and carb veinlets; Fe-staining along vertical frac sets+ frac and diss py
45	DF	450	17	43	5	7	0	0	0	0	Basalt: zones of bleaching, silicification and carb veinlets; Fe-staining along vertical frac sets+ frac and diss py
46	DF	25	7	56	0	0	0	0	0	0	Mineralized frac sets at 170/85; one carries az-mal in graphite shear
47	DF	318	16	88	9	16	0	0	0	16	zones of strong bleaching, diss and frac py-cpy; ser-ep-chlor-carb vnlts; mostly green porph basalt or lamp
48	DF	560	25	79	5	0	14	16	0	0	Basalt cut by felsic dike; epidote- siliceous zones in felsite contain py//cpy-mal
49	DF	0	0	0	0	0	0	0	216	0	Mag-cpy lense strikes 060/85 in skarn in strongly fractured gd; lense approx 0.5 m wide; gd is bleached and silicified
50	DF	0	0	0	0	0	0	0	184	0	Mag-cpy lense strikes 060/85 in skarn in strongly fractured gd; lense approx 0.5 m wide; gd is bleached and silicified
51	DF	1824	4	16	5	17	12	47	0	0	felsite dyke in contact w strongly chlor-altd gd w epidote-carb stringers and fracs; pyritized & mag blebs and veins throughout
52	DF	1256	17	44	0	0	0	8	0	0	felsite dyke in contact w strongly chlor-altd gd w epidote-carb stringers and fracs; pyritized & mag blebs and veins throughout
53	DF	1220	17	22	0	0	0	17	0	0	felsite dyke in contact w strongly chlor-altd gd w epidote-carb stringers and fracs; pyritized & mag blebs and veins throughout
54	DF	61	0	51	0	0	0	0	37	0	30 cm wide lense of mag-cpy trends 080/85 in gd
55	DF	0	0	0	0	0	0	0	146	0	30 cm wide lense of mag-cpy trends 080/85 in gd
56	DF	545	7	68	0	0	0	0	0	0	Chloritzed , hornfelsed gd intercalated with limestone; magnetite rich gossanous zones
57	DF	696	24	89	6	10	0	10	0	0	Chloritzed , hornfelsed gd intercalated with limestone; magnetite rich gossanous zones
58	DF	0	0	11	0	0	0	0	143	0	Chloritzed , hornfelsed gd intercalated with limestone; magnetite rich gossanous zones

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XRF Sample #	Operator	Sr ppm	Y ppm	Zr ppm	Nb ppm	Mo ppm	Hg ppm	Pb ppm	Bi ppm	Th ppm	Description
59	DF	95	0	0	0	0	0	0	27	0	Limestone-skarn contact
60	DF	556	9	25	0	0	0	0	0	0	Limestone-skarn contact
61	DF	672	25	103	0	0	0	13	0	0	Limestone-skarn contact at 135/85 parallel to bedding; calcite/wollastonite xtals at contact
62	DF	72	12	20	0	0	0	22	0	0	Andesite/basalt overlain by calc-silicate with malachite blebs & fe staining
63	DF	1036	17	66	9	19	0	20	0	28	Andesite/basalt overlain by calc-silicate with malachite blebs & fe staining
64	DF	1195	17	63	0	0	0	42	0	0	Andesite/basalt overlain by calc-silicate with malachite blebs & fe staining
65	DF	38	17	20	19	37	18	0	0	35	Calc-silicate with epidote & garnets; bands strike 300/20
66	DF	0	0	9	0	0	0	0	143	0	Calc-silicate with msv magnetite bands
67	DF	126	0	42	0	0	0	0	0	0	Calc-silicate with msv magnetite bands
68	DF	46	0	21	0	0	0	0	137	0	massive magnetite lense in silicified granodiorite
69	DF	98	0	29	0	0	0	0	208	0	msv mag below granodiorite, above limestone
70	DF	780	16	68	0	0	0	10	0	0	silicified granodiorite (weakly magnetic)
71	DF	35	13	172	6	7	0	52	0	0	Diss and frac py in chlor gd; also silicification and full chlor flooding & carb vnlts; rock quarry
72	DF	56	11	86	0	10	0	6	0	0	Rock quarry; same lithology as previous quarry; green plag porph dike approx 1 m wide strikes 095/85; footwall is completely chor flooded.
73	DF	339	28	116	21	39	0	12	0	36	Rock quarry: qtz-carb-ep vnlts in chlor altd granodiorite
74	DF	196	14	54	8	8	0	0	0	0	Quarry: med green andesite fspar porph; ep fracs & vnlts , extends north across ridge side
75	DF	0	0	0	0	0	0	0	276	0	Massive magnetite-hematite outcrop
76	DF	0	0	0	0	0	0	0	167	0	Massive magnetite-hematite outcrop
77	DF	0	0	0	0	0	0	0	241	0	Massive magnetite-hematite outcrop
78	DF	0	0	0	0	0	0	0	106	0	Massive magnetite &calc-silicate outcrop
79	DF	0	0	0	0	0	0	0	140	0	Massive magnetite-hematite outcrop
80	DF	0	0	0	0	0	0	0	210	0	Massive magnetite-hematite outcrop
81	DF	0	0	0	0	0	0	0	159	0	Calc-silicate with narrow -20cm bands of mag
82	DF	0	0	0	0	0	0	0	216	0	Fspar porph contacts calc-silicate to west, local 20 cm mag bands
83	DF	155	14	82	0	0	0	0	0	0	1m wide zone of prop alt w strong mal over 30 cm, strikes 350, in area of shear zones and bleached, silicified fspar porph
84	DF	527	27	117	16	6	0	11	0	0	Relatively unaltered plag-hornblende basalt/andesite porph w ep vnlts, fracs
85	DF	614	23	97	11	16	0	0	0	20	0.5m wide zone of epidote-riddled calc-silicate strikes 070/80; diss py & local malachite stain
86	DF	1114	21	78	7	7	0	19	0	0	Bridge over Bacon Creek; weakly altered basalt porph,epidote fracs +/-py
87	DF	146	23	50	0	10	0	0	0	0	eastern end of calc-silicate skarn outcrop
88	DF	959	11	27	0	0	0	0	0	0	20 cm rusty layer in calc-silicate
89	DF	572	27	141	10	14	0	13	0	14	propylitic-silica altered granodiorite
90	DF	1270	29	129	11	19	0	8	0	0	propylitic-silica altered granodiorite
91	DF	564	25	49	7	0	10	9	0	0	3 km basalt quarry; plag porph to msv; zones of frac + diss py
92	DF	270	23	92	7	0	0	0	0	0	3 km basalt quarry; plag porph to msv; zones of frac + diss py
93	DF	14	12	36	5	11	0	5	0	20	Strong fractured amygdaloidal basalt; qtz carb stringers w cpy, mal
94	DF	155	21	78	10	0	0	0	0	0	Strong fractured amygdaloidal basalt; qtz carb stringers w cpy, mal; narrow silicaeous zone at 255/80