



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Geological & Geochemical Work on the Black Bear East Project, Cariboo Mining Division, British Columbia

TOTAL COST: \$22,450.00

AUTHOR(S): Rein Turna

SIGNATURE(S): "SIGNED"

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

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5750516 (April 2, 2019 to August 6, 2019)

YEAR OF WORK: 2019

PROPERTY NAME: Black Bear East Project

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

BBE 2 (tenure # 1055646)

COMMODITIES SOUGHT: Copper, Lead, Zinc, Silver & Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: N/K

MINING DIVISION: Cariboo

LATITUDE 52.6°

LONGITUDE 121.3°

UTM Zone 10 EASTING 613500 NORTHING 5832000

OWNER(S): Barker Minerals Ltd.

MAILING ADDRESS: 17970 Lacasse Rd., Prince George BC, V2K 5T4

OPERATOR(S) [who paid for the work]: Barker Minerals Ltd.

MAILING ADDRESS: 17970 Lacasse Rd., Prince George BC, V2K 5T4

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude do not use abbreviations or codes)

Barkerville Terrane, Silver & Gold

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

9669, 9677, 10252, 10264, 11620, 13154, 15420, 15804, 17696, 19354, 21930, 22599, 22642, 24662, 25752, 26003, 26504, 26805, 27125, 27655, 28248, 28978, 29740, 30764.

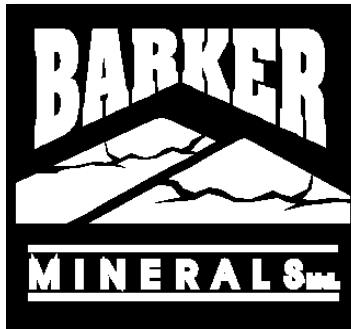
TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	N/A		
Photo interpretation	N/A		
GEOFYSICAL (line-kilometres)			
Ground	N/A		
Magnetic	N/A		
Electromagnetic	N/A		
Induced Polarization	N/A		
Radiometric	N/A		
Seismic	N/A		
Other	N/A		
Airborne	N/A		
GEOCHEMICAL (number of samples analysed for ...)			
Soil	N/A		
Silt	N/A		
Rock	158	1055646	\$12,906.79
Other	N/A		
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	158	1055646	\$9,543.21
Petrographic	N/A		
Mineralographic	N/A		
Metallurgic	N/A		
PROSPECTING (scale/area)	N/A		
PREPATORY / PHYSICAL			
Line/grid (km)	N/A		
Topo/Photogrammetric (scale, area)	N/A		
Legal Surveys (scale, area)	N/A		
Road, local access (km)/trail	N/A		
Trench (number/metres)	N/A		
Underground development (metres)	N/A		
Other	N/A		
		TOTAL COST	\$22,450.00

GEOLOGICAL - GEOCHEMICAL ASSESSMENT REPORT

on the Black Bear East Property Cariboo Mining Division, British Columbia

The geographic coordinates of the Black Bear East property are:
52.6° North Latitude and 121.3° West Longitude or
613500 E and 5832000 N UTM coordinates (NAD 83).
The relevant map is:
N.T.S. Map No. 93A/11.

Work was concentrated in the area of tenure no. 1055646



for

Barker Minerals Ltd.
17970 Lacasse Rd.
Prince George, B.C.
V2K 5T4

Prepared by:
Rein Turna

November 27, 2019

1.0 SUMMARY

Work performed on Barker Minerals Ltd.'s Black Bear East property in 2019 consisted of rock sampling. Altogether, 158 analyses were done of 28 elements for rocks collected at a total of 53 locations in this program. This report describes the work done. A detailed map and geochemical data are presented in Appendix G.

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2.0 INTRODUCTION

This report describes assessment work performed during 2019 on Barker Minerals Ltd.'s Black Bear East property. The work was concentrated in the areas of **tenure no. 1055646**. Rock samples were analyzed by X-ray fluorescence (XRF) for twenty-eight elements. The purpose was to add geochemical information to the existing database, and to identify potential mineralized lithologic horizons in an on-going mineral exploration program.

Definitions of technical terms used in this report are provided in Appendix A, Glossary of Technical Terms and Abbreviations. Chemical abbreviations are used for the elements discussed. The elements and abbreviations are:

Ag	Silver	Cd	Cadmium	K	Potassium
As	Arsenic	Co	Cobalt	Pb	Lead
Au	Gold	Cr	Chromium	Sb	Antimony
Ba	Barium	Cu	Copper	Sn	Tin
Bi	Bismuth	Fe	Iron	Zn	Zinc

3.0 PROPERTY DESCRIPTION and LOCATION

The Black Bear East property consists of contiguous claims listed in Table No. 1 – Barker Minerals Ltd. Mineral Claims Details. The property's location in British Columbia is indicated in Figure No. 1 – Black Bear East Property Location in British Columbia, and the mineral claims are outlined in Figure No. 2 – Barker Minerals Ltd. Mineral Claims. The mineral claims comprising the property are located generally in the area between Quesnel and Cariboo Lakes of the Cariboo Mining Division in British Columbia and are 100% owned by Barker Minerals Ltd. of Prince George, B.C. The property is approximately 15 km northeast of the settlement of Likely and 75 km northeast the City of Williams Lake. The City of Prince George is 175 km to the north.

The geographic coordinates of the Black Bear East property are:
52.6° North Latitude and 121.3° West Longitude or
613500 E and 5832000 N UTM coordinates (NAD 83).

The relevant map is:
N.T.S. Map No. 93A/11.

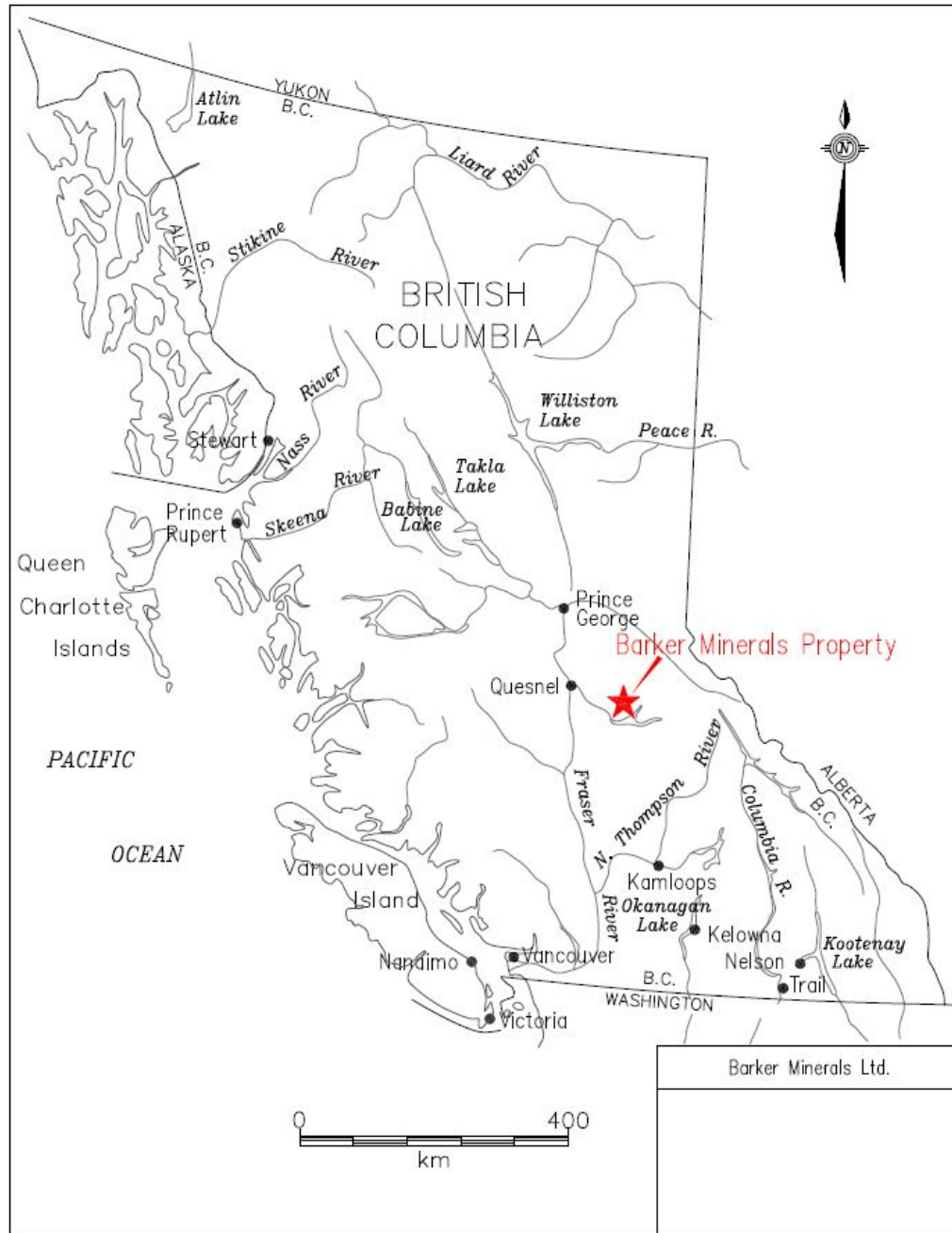
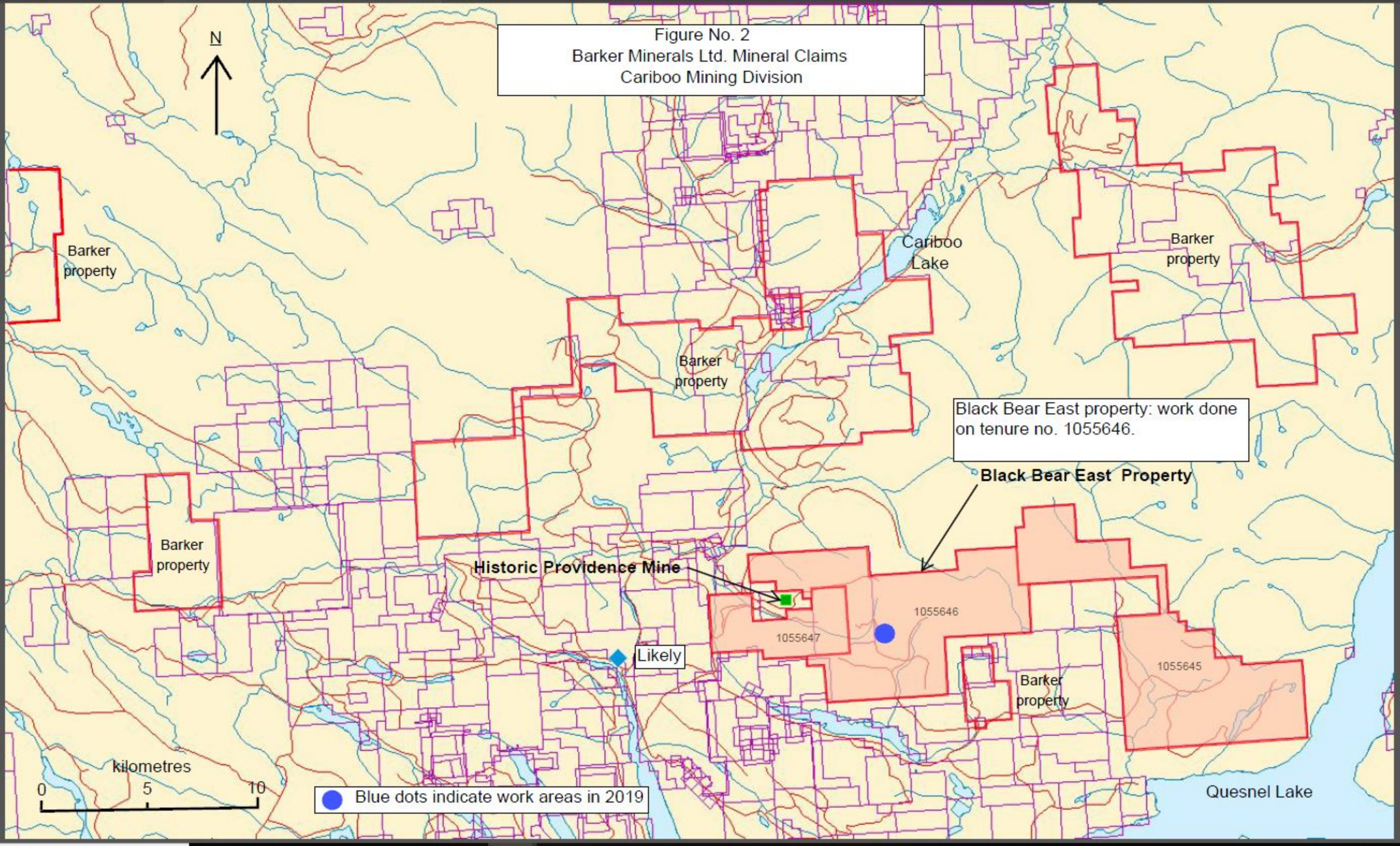


Figure No. 1 Barker Minerals Ltd. Black Bear East Property Location in British Columbia.



4.0 MINERAL CLAIMS

Details about the mineral claims are provided in Table No. 1, below. The claim group map is in Figure No. 2, previous page.

Tenure Number	Owner	Status	Area (ha)
1055645	Barker Minerals Ltd. 100%	GOOD	6205.13
1055646	Barker Minerals Ltd. 100%	GOOD	5749.70
1055647	Barker Minerals Ltd. 100%	GOOD	1727.00

Total area: **13,681.83 ha**

Table No. 1 – Barker Minerals Ltd. Mineral Claim Details

5.0 PHYSIOGRAPHY and ACCESSIBILITY

The following description in *italics*, is after McKinley, 2004:

The property is situated in the central part of the Quesnel Highland between the eastern edge of the Interior Plateau and the western foothills of the Columbia Mountains. This area contains rounded mountains that are transitional between the rolling plateaus to the west and the rugged Cariboo Mountains to the east. Pleistocene and Recent ice sheets flowed away from the high mountains to the east over these plateaus and down to the southwest (Cariboo River), west (Little River) and northeast (Quesnel Lake), carving U-shaped valleys. The elevation ranges from 700-1650 m.

Precipitation in the region is heavy, as rain in the summer and snow in the winter. Drainage is to the west via the Cariboo, Little and Quesnel Rivers to the Fraser River. Quesnel Lake, the main scenic and topographic feature in the region, is a deep, long, forked, glacier-carved lake with an outlet at 725 m elevation. Vegetation is old-growth spruce, fir, pine, hemlock and cedar forest in all but the alpine regions of the higher mountains (mainly above 1400 m elevation).

Access to the Black Bear East property is via gravel logging roads bearing southeast from Likely. Figure No. 3 shows access roads from Likely to Barker's mineral properties.

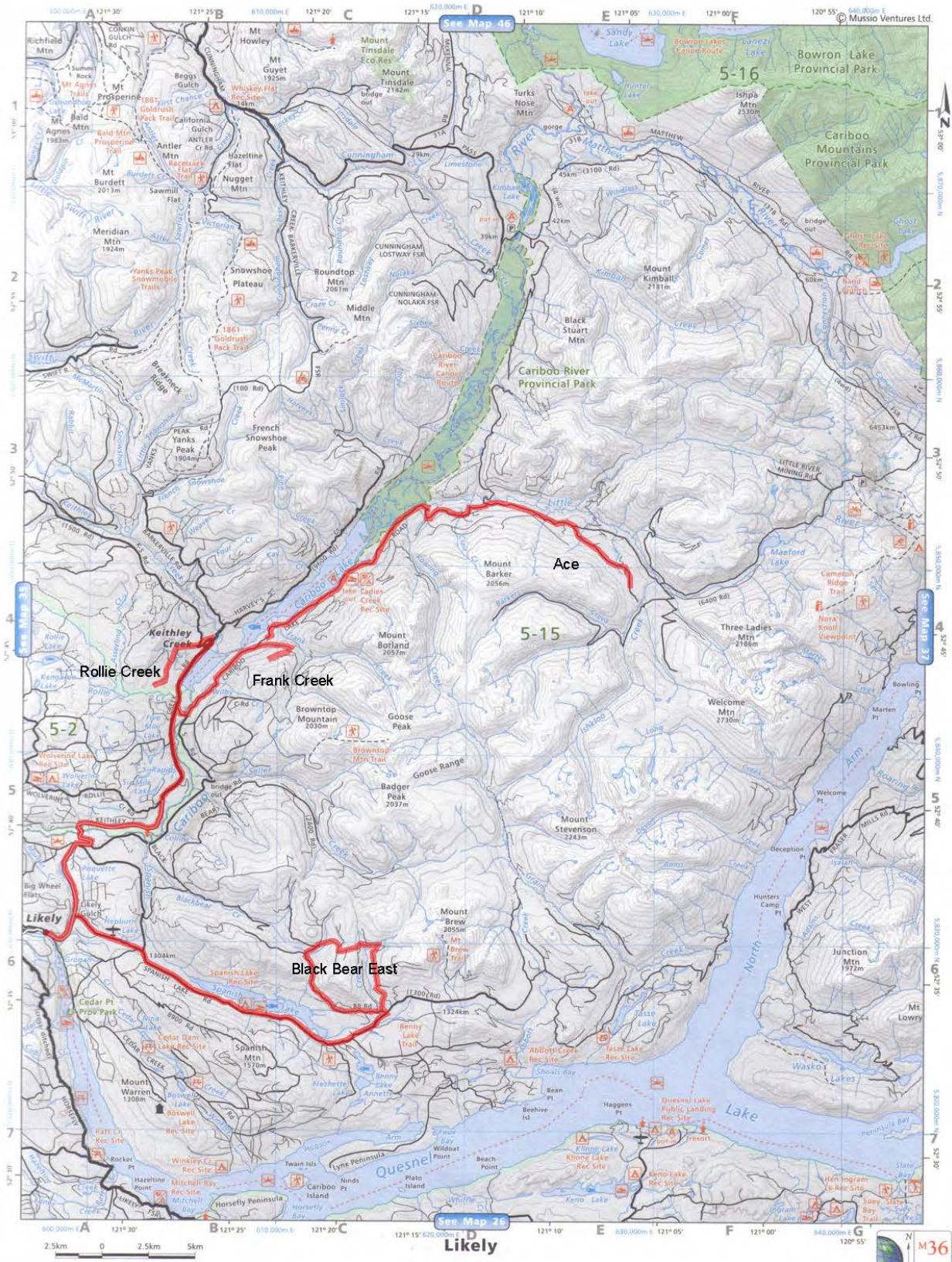


Figure No. 3 Access roads from Likely to several of Barker Minerals' properties.

6.0 HISTORY

6.1 History of Work Done on the Black Bear Property

The Black Bear property has an extensive work history. A detailed description is provided in assessment reports by Turna, R., and Doyle, L.E.

Some of the information below is from the Energy, Mines & Petroleum Resources (EMPR) Annual Reports for 1902, 1926, 1947, 1948, 1949 and Exploration in BC for 1976, 1977, 1980.

Placer mining for gold was conducted on Black Bear Creek in the early 1900's and earlier.

6.1.1 Work Done in 1926-1951

The Annual Report for 1926 for the Black Bear 1-4 claims states that 'many quartz showings', some of 'impressive size' were being handpicked of galena for the silver content. A quartz vein 'at least 50 feet wide' was identified at a falls in Black Bear Creek; from it a picked grab sample assayed 0.02 oz/T Au, 43 oz/T Ag, 40% Pb. Another wide vein was exposed in an open cut at 3,300 foot elevation on the north side of Black Bear Creek about 2 miles up from the mouth. 10 to 15 tons of ore were taken from here in 1926; a picked grab sample assayed 0.06 oz/T Au, 144 oz/T Ag, 76% Pb. Two adits were begun in 1926; by 1947 they totaled 190 feet of crosscuts and drifts exploring 3 vein structures; the property name was Providence by this time. In 1948 5 tons of ore sent to the Trail smelter yielded 319 oz. Ag, 3,294 lb. Pb, 12 lb. Zn. Exploration in 1976 to 1980 by successive owners included 200 soil samples, 5 diamond drill holes (355m) mainly targeting 3 quartz veins, and geological mapping.

6.1.2 Work Done in 1951-1968

R.B. Stokes (1972) states that in 1951 7 tons of handpicked ore from the main vein yielded 1 oz. Au, 683 oz. Ag, 6,401 lb. Pb and 15 lb. Zn. In 1967-68 Plutus Mines Ltd. drove 825 feet of tunnels to explore the 3 main Ag-Pb-bearing quartz veins. Stokes states that 11 underground diamond drill holes (2,217 feet) were done in 1968 but no record of this was found in the Minister of Mines Annual Reports or Assessment Reports.

Historical work programs done on areas presently covered by Barker Minerals' Black Bear property in 2010-2013 are briefly described below.

6.1.3 Work done 2010

The relevant report is Assessment Report 32209 by Doyle, L.E.

Twelve trenches (2,000 m) were excavated on the Black Bear Property. Quartz veins within alteration zones were discovered which had pockets of argentiferous (Ag) galena mineralization. A grab sample from near the former Providence Mine had 116 oz/ton Ag and 59% Pb. A 1.0 m chip sample at the Hunt vein had 34 oz/T Ag and 37.1% Pb.

6.1.4 Work Done in 2012

The relevant report is Assessment Report 33309 by Doyle, L.E.

Three drill holes (744 metres) were completed in 2012. Fifteen trenches were excavated. Work was concentrated near the former Providence Mine. The targets were extensions of Ag-Pb-Au bearing quartz veins known from surface exposures. Though no high grade mineralization was discovered, volcanic rock and hydrothermal alteration evident on core and trenches indicated continued exploration was warranted.

6.1.5 Work Done in 2012 - 2013

The relevant report is Assessment Report 34331 by Turna, R., et al.

Thirty-eight soil and rock samples were collected and geological mapping was done in the area of Black Bear East. The final drill hole of the 2012 drill program at Black Bear was completed.

6.1.6 Work Done in 2015-2016

The relevant assessment reports by Turna, R. are , Assessment Report 36640, dated March 15, 2016 and Assessment Report 35945, dated May 1, 2016.

Re. Assessment Report 36640 (Main Group):

129 rocks were analyzed along traverses off roads in Areas A, B and C. Sample no. 4351 had 15.23 ppm Au in quartz in Area A. This sample was a new rock exposure on a newly constructed road spur. It was also anomalous in Zn (163 ppm), Cu (233 ppm) and Bi (29 ppm). Otherwise, the result were 1,368 ppm in Zn, 8,651 ppm in Cu and 6,892 in Pb. Mo (up to 143 ppm), As (up to 758 ppm), Bi (up to 32 ppm) were locally anomalous. Follow up rock and soil sampling were recommended.

Re. Assessment Report 35945 (Black Bear East):

192 rocks were analyzed along traverses off roads in Areas C, E and F. Highest results were: Zn (up to 1,341 ppm), Cu (up to 529 ppm), Pb (up to 927 ppm), As (up to 264 ppm), Bi (up to 38 ppm). Zn anomalies occurred more extensively. Further rock and soil sampling was recommended.

6.1.7 Work Done in 2016

The relevant report is Assessment Report 36462 by Turna, R.

240 rock samples were analyzed along traverses in on the pre-amalgamation tenure no. 1038879, within the present tenure no. 1055646. Highest results were: Zn (up to 568 ppm), Cu (up to 9,778 ppm), As (up to 393 ppm) and Bi (up to 23 ppm). Continued rock and soil sampling was recommended.

6.1.8 Work Done in 2017

The relevant report is Assessment Report 36689 by Turna, R.

204 rock samples were analyzed along traverses in on tenure no. the pre-amalgamation tenure no. 1038881, within the present tenure no. 1055646. Five float rock samples has Au values between 9.19 ppm and 11.19 ppm Au in quartz veins in mafic schist.

6.1.9 Work Done in 2018

The relevant report is Assessment Report 37998 by Turna, R.

296 analyses were done on rock samples were analyzed along traverses in on tenure no. 1055646. Nine float rock samples has Au values between 9.34 ppm and 264.42 ppm Au in quartz veins in mafic schist.

7.0 GEOLOGY

7.1 Regional Geology

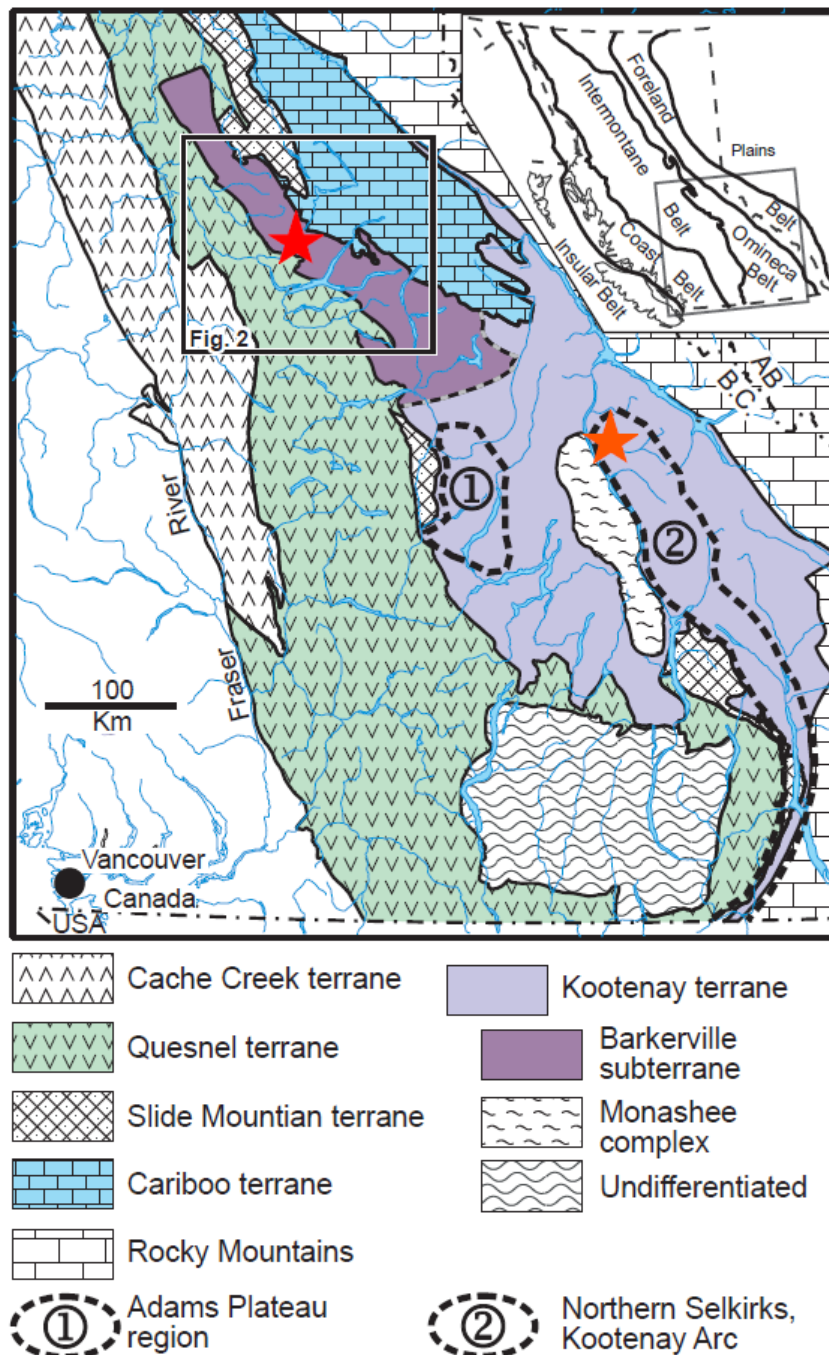


Figure No. 4 Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

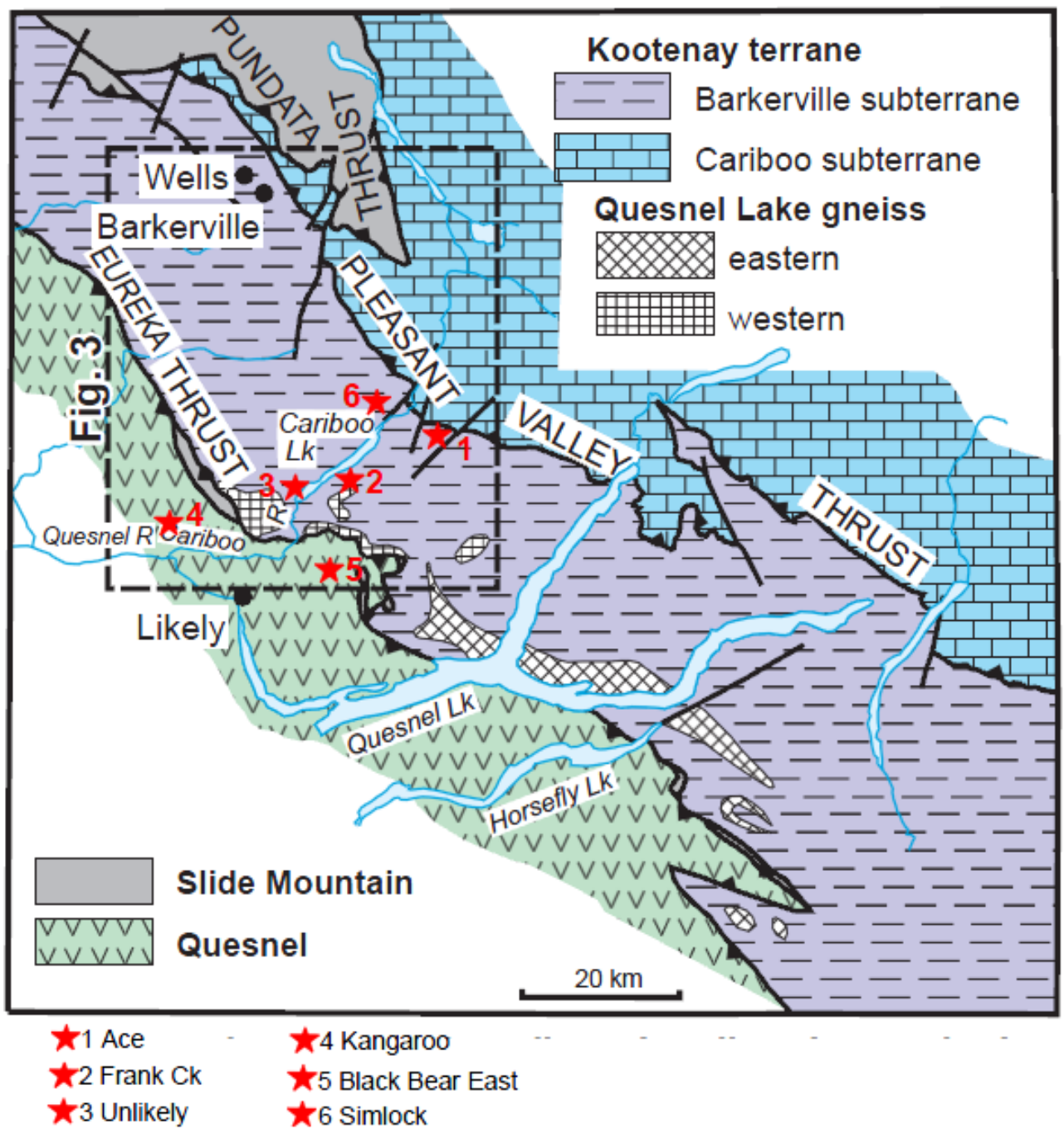


Figure No. 5 Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

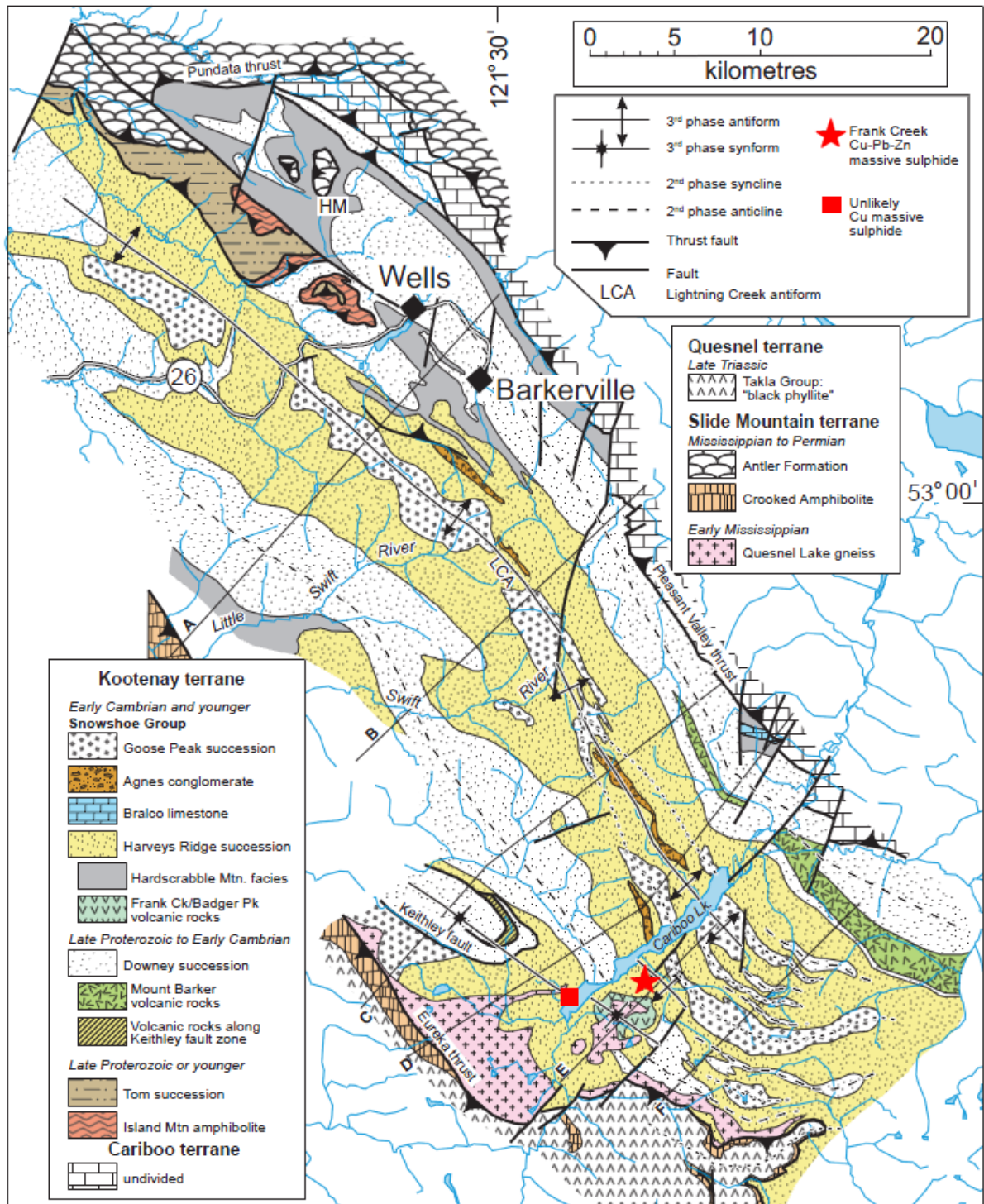


Figure No. 6 Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

The geological descriptions below derive mainly from Struik (1988), Panteleyev et al. (1996) and Payne and Perry (2001).

During the mid-Jurassic the North American continental plate collided with a group of island arcs to the west. Regional deformation and metamorphism are related to these events.

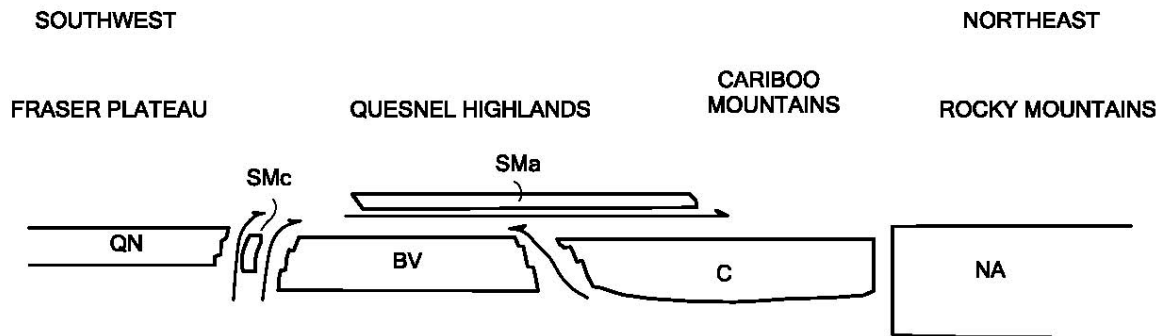


Figure No. 7 Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (Crooked amphibolite), QN-Quesnel and NA-North American. (after Struik, 1988).

Quesnel Terrane

The Late Triassic to Early Jurassic Quesnel Terrane...was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka Thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and volcanoclastic rocks and co-magmatic intrusions, with minor carbonate lenses and related sedimentary rocks.

The principal assemblage in the Quesnel Terrane is the Triassic-Jurassic Nicola Group island arc – marginal basin sequence. The underlying rocks are the Crooked Amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal basin volcanic and sedimentary rocks. Rocks of Quesnel Terrane and Crooked Amphibolite are structurally coupled and tectonically emplaced by the Eureka Thrust onto the Barkerville Terrane, to the east.

Two lithostratigraphic subdivisions of the Quesnel Terrane consists of: a basal Middle to Late Triassic metasedimentary unit of dominantly black phyllitic rocks, approximately 7 km thick, and an overlying Late Triassic to Early Jurassic volcanic arc assemblage, approximately 9 km thick. The overlying volcanic rocks outline a northwesterly trending belt of subaqueous and subaerial volcanic rocks, deposited along a series of volcanic-intrusive centres that define the Quesnel island arc of predominantly alkalic basalts.

Within...the northern extension of the Quesnel Trough, the term...Takla Group has been applied to rocks identical to the Quesnel belt rocks...Equivalent rocks to the south...are generally referred to as Nicola Group...Baily (1978) pointed out the similarity of the Quesnel volcanic units with both the Nicola Group rocks to the south and the Takla Group rocks to the north...The term Takla leads to ambiguity because in northern British Columbia it has been used for rocks in both Quesnel and Stikine terranes...The usage for the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred is Nicola Group. The term Takla Group possibly should be discarded... (Panteleyev et al., (1996).

The Quesnel Trough is a well-mineralized region typical of other Late Triassic to Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets in the central Quesnel belt are alkalic intrusion-related porphyry copper-gold deposits and gold-bearing propylitic alteration zones formed in volcanic rocks peripheral to some of the intrusions. Other important targets are auriferous quartz veins in the black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, low-grade deposits. Tertiary rocks are mineralized with copper and gold. Antimony-arsenic and mercury mineralization in some apparently low temperature quartz-calcite veins indicated the potential for epithermal deposits. Placer mining for gold, said to occur together with platinum, has been of major historical and economic importance.

Slide Mountain Terrane

Rocks of the Devonian to Late Triassic Slide Mountain Terrane were partly obducted, partly subducted during collision of an oceanic plate with the continent. Small slices of mainly mafic volcanic rocks and ultramafic rocks of the Slide Mountain Terrane occur in and parallel to the Eureka thrust. Minor lithologies include chert, meta-siltstone and argillite.

The Crooked Amphibolite, considered to likely be a part of the Slide Mountain Terrane, includes three major constituent rock types: greenstone, metagabbro and meta-ultramafite. North of Quesnel Lake, the map units consist of mafic metavolcanics, amphibolite, chlorite schist, serpentinite, ultramafic rocks and pillow lavas. Chemical analyses indicate subalkaline tholeiitic compositions of basalts formed on the ocean floor. If the Crooked Amphibolite is a sheared and metamorphosed equivalent of the Antler Formation and is part of the Slide Mountain Terrane, it is separated from the underlying Barkerville Terrane by the Eureka Thrust, a wide zone of mylonitization. The Crooked amphibolite and the overlying rocks of Quesnel Terrane are structurally coupled and emplaced tectonically onto Barkerville Terrane.

Barkerville Terrane

The Barkerville Terrane is made up of the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe Group rocks are Upper Proterozoic to Upper Devonian metasediments, considered correlative in age with the Eagle Bay Formation in the Kootenay Terrane to the south. The Snowshoe Group rocks are dominated by varieties of grit, quartzite, pelite,

limestone and volcanoclastic rocks. The stratigraphic sequence is not well understood. The region was deformed by intense, complex, in part isoclinal folding and overturning. Locally, strong shear deformation produced mylonitic textures. The Quesnel Lake Gneiss is a Devonian to Mississippian intrusive unit varying in composition from diorite to granite to syenite. It is generally coarse grained, leucocratic, often with megacrysts of potassium feldspar. The main body of gneiss is 30 km long by 3 km wide and is elongated parallel to the eastern border of the Intermontane belt. Its contacts are in part concordant with, and in part perpendicular to, metamorphic layering.

The contact between the Barkerville Terrane and Cariboo Terrane to the east is the Pleasant Valley Thrust. The Barkerville and Cariboo Terranes were juxtaposed prior to emplacement of the Slide Mountain Terrane which was thrust over both of them. The northeastern third of the Barkerville Terrane is the main zone of economic interest in the Cariboo district. Struik described it as “gold-enriched”, because it contains the historic Wells and Barkerville gold mines and the Cariboo Hudson deposit, approximately 40 km and 20 km northwest of the project area, respectively.

Cariboo Terrane

The northeastern part of Barker Minerals' 'Peripheral' claim group is underlain by Precambrian to Permo-Triassic marine peri-cratonic sedimentary strata of the Cariboo terrane. The Cariboo Terrane consists mainly of limestone and dolomite with lesser siliceous, clastic, sedimentary rocks and argillite. Some geologists believe that the Cariboo Terrane is a shallow, near-shore facies and the Barkerville is a deeper, offshore facies of the same erosion-deposition system. No rifting is suspected between the Cariboo Terrane and the North American continent, in contrast to that between the Barkerville Terrane and the North American continent. Lithologies within the Cariboo Terrane correlate well with parts of the Classier Platform and Selwyn Basin of Yukon and northern British Columbia.

The Cariboo and Barkerville Terranes are separated by the regional Pleasant Valley Thrust fault, which dips moderately to steeply northeast. Struik (1988) states the Cariboo block was thrust from the east over the Barkerville block along a strike length of over 100 km. The Cariboo Terrane was cut by the Jurassic-Cretaceous Little River stock, a medium-grained granodiorite grading to quartz monzonite. Some of the carbonate layers in the lowest part of the Cariboo terrane (or upper part of the Barkerville Terrane) are enriched in zinc and lead. Since the 1970's, preliminary exploration on stratiform Zn-Pb targets has been conducted in this area.

Glaciation and glacial deposits

The last glacial stage that affected the Quesnel Highland, the Fraser glaciation, began 30,000 years ago. Much of this ice had melted by 10,000 years ago, but small remnants are preserved high in the alpine areas of the Cariboo Mountains. At lower elevations, glaciers of this age scoured the debris left by preceding ice advances, almost completely destroying them, leaving a chaotic assemblage of unsorted till, moraine and drift, with lenses of gravel and sand that had been roughly sorted by melt water and rivers, leaving behind beds of silt and clay that were stratified by settlement in ice-dammed lakes. In the Cariboo area, the

debris covers bedrock in valleys below 1,700 m, leaving typical glacial features such as U-shaped valleys, ice-sculpted drumlins, moraine terraces and glacier and river benches. On the Barker Minerals properties, glacial deposits range from one to a few tens of metres thick. Some glacial till deposits are overlain by well-bedded glaciolacustrine clay and silt deposits up to a few tens of metres thick.

In much of the Cariboo district, a layer of distinctive, hard, compact, semi-rigid blue clay sits either on or slightly above bedrock and acts as “false” bedrock. It was formed from glacial drift left behind by the last ice advance prior to the Fraser glaciation and was compacted by the weight of the Fraser stage ice. In the placer-gold areas of the Cariboo, large amounts of gold were recovered from gravel resting on this clay. In places the clay layer was penetrated by the placer miners to reach richer “pay streaks” on true bedrock below.

7.2 Local Geology at Black Bear East Area

Barker Minerals is exploring the Black Bear East property for Au-quartz veins and polymetallic veins. The possibility of stratigraphically controlled disseminated gold mineralization (similar to the Spanish Mountain Gold Ltd. project 5.0 km to the southwest) is also considered. Though outcrop is sparse, the area of the property is underlain by dark sedimentary rocks and chloritic mafic volcanics. The economic target at Black Bear East is high grade Ag ± Au in quartz-galena veins hosted in sedimentary rocks.

8.0 EXPLORATION PROGRAM, 2019

8.1 Sampling Method and Approach

Rocks collected in 2019 were analyzed for 28 elements using the Niton XL3t handheld X-ray fluorescence analyzer from Thermo Scientific Inc. Further information on this instrument is at the Niton website <http://www.niton.com/en/niton-analyzers-products/xl3/xl3t>. An overview of sample analysis using energy dispersive X-ray fluorescence (EDXRF), adapted from the Niton website, is in Appendix B.

Most rock analyses were done at Barker Minerals’ field office in Likely. Coordinates were collected at all sample locations. The coordinates and rock descriptions are provided in Table No. 2. The rocks were analyzed in a manner to determine both their “high grade” and “low grade” values at each site, in order to minimize a “nugget” effect and to determine background values. Thus, at each sampling location three different rocks were collected and each were analyzed one time for their representative “grade.” Barren granite was used for calibration of the XRF analyzer.

The XRF analysis method does not replace laboratory assay. It detects the presence or absence of multiple elements in prospecting and, up to a certain point, the intensity of mineralization and correlation among elements in a specimen. The XRF is very useful in

analysis for base economic and pathfinder metals though Au needs to be in relatively high grade in order to be detected by the XRF.

8.2 Economic Targets and Work Done

A total of 158 float rock samples on the Black Bear East property in 2019. The rock sampling in 2019 was a continuation of sampling programs which had been conducted over a period of years. All sample locations and results are in Figure No. 6 and Table No. 3. The primary element explored for is gold.

Grab rock sampling was done over outcrops in one map area, labeled A. The economic target is gold-bearing quartz veins. Previous geochemical surveys over Black Bear had determined Zn and Cu were the best pathfinder elements. Four rock samples, listed below, had high values in Au. The samples with high Au results (in ppm) were:

<u>XRF No.</u>	Zn	Cu	Au
721	393	<LOD	11.44
739	47	252	22.06
743	98	917	9.74
861	47	40	12.42

Values below the levels of detection are indicated <LOD. All results in Ag in this work program were below the level of detection.

The four rock samples high in Au had no significant high values in the usually preferred pathfinder elements, Zn or Cu. Neither did Zn and Cu correlate well with each other nor other, sometimes useful, elements such as Pb (see Table No. 3). At field locations BB19-1 to BB19-3, sample nos. 697 to 704 demonstrate a fairly good correlation between Zn and As with high values in these elements. A similar good correlation between Zn and As is also evident at field locations BB19-9 and BB19-10 in sample nos. 720 to 726.

9.0 CONCLUSIONS

Four locations had very high results in Au though usually not together with pathfinder base metal elements. No significant correlation appears to exist among Au and the usual pathfinder base elements. The sampling population, at 158 rock samples, is not large enough to draw any conclusions regarding what the probable correlation is among Au and likely pathfinder elements.

10.0 RECOMMENDATIONS

Systematic soil and rock sampling and hand trenching should be done over Black Bear East in the area of the high Au results.

APPENDIX A

Glossary of Technical Terms and Abbreviations

Glossary of Technical Terms and Abbreviations

Anomalous	Chemical and mineralogical changes and higher than typical background values in elements in a rock resulting from reaction with hydrothermal fluids or increase in pressure or temperature.
Anomaly	The geographical area corresponding to anomalous geochemical or geophysical values.
Argentiferous	Containing silver.
Background	The typical concentration of an element or geophysical response in an area, generally referring to values below some threshold level, above which values are designated as anomalous.
BBE	Black Bear East property.
BCGS	British Columbia Geological Survey.
B.C. MEMPR	British Columbia Ministry of energy Mines and Petroleum Resources.
cm	Centimetre.
Cratonic	Pertaining to a craton, an old part of the continental crust, generally making up the interior portion of a continent such as North America.
DCIP	An electrical method which uses the injection of current and the measurement of voltage and its rate of decay to determine the subsurface resistivity and chargeability.
DDH	Diamond drill hole.
eg.	<i>exempli grātiā</i> (for the sake of example).
EM	Electromagnetic.
E-W	East-West.
Float	Loose rocks or boulders; the location of the bedrock source is not known.
GBC	Geoscience BC.
GSC	Geological Survey of Canada.

Grab sample	A sample of a single rock or selected rock chips collected from within a restricted area of interest.
g/t	Grams per tonne (metric tonne). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
Ha	Hectare - an area totalling 10,000 square metres, e.g., an area 100 metres by 100 metres.
HLEM	Horizontal loop electromagnetic.
IP	Induced polarization.
km	Kilometre.
lb.	Pound.
Leucocratic	Light-coloured.
<LOD	Below the level of detection.
m	Metre.
Max-Min	An HLEM technique to test for resistivity and conductivity of rocks.
MT	Magnetotelluric. A electrical method that uses natural variations in the Earth's magnetic field to induce electric current in the ground to determine the subsurface resistivity.
my	Million years.
NE-SW	Northeast-Southwest.
NNW-SSE	North northwest – South southeast.
NW	Northwest.
NW-SE	Northwest - Southeast.
N-S	North-South.
OF	Open File.
oz.	Ounce.

oz/T	ounces per ton (Imperial measurement). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
oz/st	ounces per short ton (Imperial measurement, same as oz/T). 34.29 g/t (metric tonnes) = 1.00 oz/st (short tons).
Pathfinder	A metallic element associated with an ore element such as silver or gold. Areas of anomalous “pathfinder” elements can suggest the possible presence of ore elements though the latter may not be detected initially.
ppb	Parts per billion.
ppm	Parts per million (1 ppm = 1,000 ppb = 1 g/t).
Protolith	The original rock before it was metamorphosed.
QUEST	Quesnellia Exploration Strategy, a BCGS geophysical survey.
Sedex	Sedimentary-exhalative mineral deposit type.
SE	Southeast.
Sub-outcrop	A poor outcropping of rock characterized mainly by loose rocks.
TEM or TDEM	Time Domain EM.
Tensor-magnetotelluric	See MT.
Tholeiitic	A type of basalt. The most common volcanic rocks on Earth, produced by submarine volcanism at mid-ocean ridges and make up much of the ocean crust. Chemically, these basalts have been described as subalkaline, that is, they contain less (Na ₂ O plus K ₂ O) at similar SiO ₂ than alkali basalt.
TRIM	Terrain Resource Information Management, series of 1:20,000 scale maps.
VLF	Very low frequency.
VLF-EM	Very low frequency electromagnetic.
VMS	Volcanic-related massive sulphide.
XRF	X-ray florescence.

APPENDIX B

Analytical Methods

Overview of sample analysis using energy dispersive X-ray fluorescence using the Thermo Scientific Niton XL3t handheld XRF analyzer

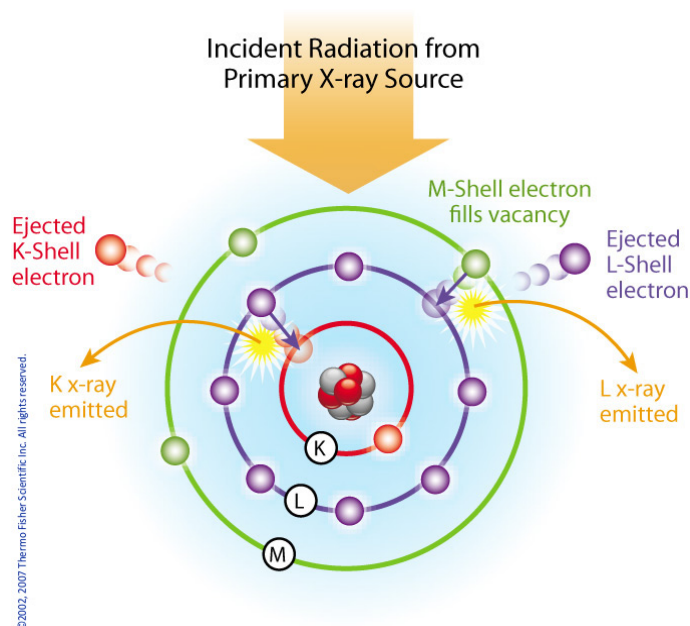
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

Up to 40 elements may be analyzed simultaneously by measuring the characteristic fluorescence x-rays emitted by a sample. XRF analyzers can quantify elements ranging from magnesium (Mg - element 12) through uranium (U - element 92) and measure x-ray energies from 1.25 keV up to 85 keV in the case of Pb K-shell fluorescent x-rays excited with a ^{109}Cd isotope. These instruments also measure the elastic (Raleigh) and inelastic (Compton) scatter x-rays emitted by the sample during each measurement to determine, among other things, the approximate density and percentage of the light elements in the sample.

Elemental Analysis - A Unique Set of Fingerprints

How does XRF work? Each of the elements present in a sample produces a unique set of characteristic x-rays that is a "fingerprint" for that specific element. XRF analyzers determine the chemistry of a sample by measuring the spectrum of the characteristic x-ray emitted by the different elements in the sample when it is illuminated by x-rays. These x-rays are emitted either from a miniaturized x-ray tube, or from a small, sealed capsule of radioactive material.

1. A fluorescent x-ray is created when an x-ray of sufficient energy strikes an atom in the sample, dislodging an electron from one of the atom's inner orbital shells.
2. The atom regains stability, filling the vacancy left in the inner orbital shell with an electron from one of the atom's higher energy orbital shells.
3. The electron drops to the lower energy state by releasing a fluorescent x-ray, and the energy of this x-ray is equal to the specific difference in energy between two quantum states of the electron.



Atom emits characteristic X-rays when illuminated by x-rays from a primary source.

When a sample is measured using XRF, each element present in the sample emits its own unique fluorescent x-ray energy spectrum. By simultaneously measuring the fluorescent x-rays emitted by the different elements in the sample, the Thermo Scientific portable XRF analyzers can rapidly determine those elements present in the sample and their relative concentrations - in other words, the elemental chemistry of the sample.



Overview of the Thermo Scientific Niton XL3t handheld XRF analyzer.

APPENDIX C

REFERENCES

REFERENCES

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<http://minfile.gov.bc.ca/Summary.aspx?minfilno=093A%20%20003>

APPENDIX D

STATEMENT of AUTHOR'S QUALIFICATIONS

Statement of Author's Qualifications

I, Rein Turna, of the City of West Vancouver, British Columbia, hereby certify that:

1. I am Vice President of Exploration of Barker Minerals Ltd.
2. I am a graduate of the University of British Columbia with a B.Sc. in Geological Sciences granted in 1975.
3. I am a registered member of the Professional Engineers and Geoscientists of British Columbia.
4. I have worked as a geologist in British Columbia, Saskatchewan, Ontario, Yukon and Northwest Territories in Canada since 1975.

R. Turna

November 27, 2019

APPENDIX E

STATEMENT of EXPENDITURES

Barker Minerals Ltd.

Work was completed between April 2, to August 6, 2019

Work was done on claim # 1055646

Event # 5750516

Black Bear East Property - Geological - Office

Louis Doyle

Planning, managing & interpretation	1	\$ 600.00	\$	600.00
Room & board	1	\$ 150.00	\$	150.00

Rein Turna - Geologist

Report writing, maps and managing	4	\$ 600.00	\$	2,400.00
Room & board	4	\$ 150.00	\$	600.00

Colleen Doyle

Report compilation and filing	1	\$ 300.00	\$	300.00
Room & board	1	\$ 150.00	\$	150.00

\$ 4,200.00

Black Bear East Property - Geochemical - Field Days

	Date	Days	Rate	Subtotal
Louis Doyle -				
Rock sample collection	July 5, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 6, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 7, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 8, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 9, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		5	\$ 150.00	\$ 750.00
Vehicle & gas (day rate)		5	\$ 150.00	\$ 750.00
Brian Hall -				
Rock sample collection	July 5, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 6, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 7, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 8, 2019	1	\$ 600.00	\$ 600.00
Rock sample collection	July 9, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		5	\$ 150.00	\$ 750.00

Barker Minerals Ltd.

Work was completed between April 2, to August 6, 2019

Work was done on claim # 1055646

Event # 5750516

Black Bear East Property - Geochemical - Field Days (continued)

	Date	Days	Rate	Subtotal
Louis Doyle -				
Rock sample preparation & XRF assistant	July 10, 2019	1	\$ 600.00	\$ 600.00
Rock sample preparation & XRF assistant	July 11, 2019	1	\$ 600.00	\$ 600.00
Rock sample preparation & XRF assistant	July 12, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		3	\$ 150.00	\$ 450.00
Brian Hall -				
XRF Analysis	July 10, 2019	1	\$ 600.00	\$ 600.00
XRF Analysis	July 11, 2019	1	\$ 600.00	\$ 600.00
XRF Analysis	July 12, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		3	\$ 150.00	\$ 450.00
XRF rental		8	\$ 200.00	\$ 1,600.00
				\$ 14,350.00

Black Bear East Property - Travel to/from

Louis Doyle

Travel to/from	July 4, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		1	\$ 150.00	\$ 150.00
Vehicle & gas (day rate)		1	\$ 150.00	\$ 150.00

Brian Hall

Travel to/from	July 4, 2019	1	\$ 600.00	\$ 600.00
Room & Board (day rate)		1	\$ 150.00	\$ 150.00
Vehicle & gas (day rate)		1	\$ 150.00	\$ 150.00

Sub-total **\$ 1,800.00**

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Barker Minerals Ltd.

Work was completed between April 2, to August 6, 2019

Work was done on claim # 1055646

Event # 5750516

Black Bear East Property - Miscellaneous Expenditures

Exploration supplies & equipment

Safety equipment (MTC), exploration supplies & equipment, communication devices & quad

Exploration supplies & equipment				\$	225.00
Quad Rental	5	\$ 100.00	\$		500.00
MTC rental	8	\$ 150.00	\$		1,200.00
Communication devices					
Hand held radios, satellite phones, Spot emergency locator	5	\$ 25.00	\$		125.00
	Sub-total			\$	2,050.00

Black Bear East Property Expenditure Summary

Geological - Office	Sub-total	\$	4,200.00
Geochemical - Field Days	Sub-total	\$	14,350.00
Travel to/from	Sub-total	\$	1,800.00
Misc. Expenditures	Sub-total	\$	2,050.00
	Total	\$	22,400.00

APPENDIX F

ROCK SAMPLE DESCRIPTIONS AND COORDINATES

Table No. 2

<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
697	BB19-1	Fig. no. 9	float	610834	5831201	1 Vuggy quartz vein	N
698	BB19-1a	Fig. no. 9	float	610834	5831201	1 Vuggy quartz vein	N
699	BB19-1b	Fig. no. 9	float	610834	5831201	1 Vuggy quartz vein	N
700	BB19-2	Fig. no. 9	float	610855	5831183	1 Vuggy quartz vein	N
701	BB19-2a	Fig. no. 9	float	610855	5831183	1 Vuggy quartz vein	N
702	BB19-2b	Fig. no. 9	float	610855	5831183	1 Vuggy quartz vein	N
703	BB19-3	Fig. no. 9	float	610883	5831179	1 Vuggy quartz vein	N
704	BB19-3a	Fig. no. 9	float	610883	5831179	1 Vuggy quartz vein	N
705	BB19-3b	Fig. no. 9	float	610883	5831179	1 Vuggy quartz vein	N
706	BB19-4	Fig. no. 9	float	610945	5831177	1 Mafic schist, green	N
707	BB19-4a	Fig. no. 9	float	610945	5831177	1 Mafic schist, green	N
708	BB19-4b	Fig. no. 9	float	610945	5831177	1 Mafic schist, green	N
709	BB19-5	Fig. no. 9	float	611000	5831175	1 Mafic schist, green	N
710	BB19-5a	Fig. no. 9	float	611000	5831175	1 Mafic schist, green	N
711	BB19-5b	Fig. no. 9	float	611000	5831175	1 Mafic schist, green	N
712	BB19-6	Fig. no. 9	float	611056	5831161	1 Mafic schist, green	N
713	BB19-6a	Fig. no. 9	float	611056	5831161	1 Mafic schist, green	N
714	BB19-6b	Fig. no. 9	float	611056	5831161	1 Mafic schist, green	N
715	BB19-7	Fig. no. 9	float	611076	5831167	1 Mafic schist, grey	N
716	BB19-7a	Fig. no. 9	float	611076	5831167	1 Mafic schist, grey	N
717	BB19-7b	Fig. no. 9	float	611076	5831167	1 Mafic schist, grey	N
718	BB19-8	Fig. no. 9	float	611092	5831156	1 Mafic schist, grey	N
719	BB19-8a	Fig. no. 9	float	611092	5831156	1 Mafic schist, grey	N
720	BB19-8b	Fig. no. 9	float	611092	5831156	1 Mafic schist, grey	N
721	BB19-9	Fig. no. 9	float	611149	5831157	1 Mafic schist, grey	N
722	BB19-9a	Fig. no. 9	float	611149	5831157	1 Mafic schist, grey	N
723	BB19-9b	Fig. no. 9	float	611149	5831157	1 Mafic schist, grey	N
724	BB19-10	Fig. no. 9	float	611228	5831154	1 Quartz vein, rusty & vuggy	N
725	BB19-10a	Fig. no. 9	float	611228	5831154	1 Quartz vein, rusty & vuggy	N
726	BB19-10b	Fig. no. 9	float	611228	5831154	1 Quartz vein, rusty & vuggy	N

Table No. 2

<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
727	BB19-11	Fig. no. 9	float	611344	5831144	1 Quartz vein, rusty & vuggy	N
728	BB19-11a	Fig. no. 9	float	611344	5831144	1 Quartz vein, rusty & vuggy	N
729	BB19-11b	Fig. no. 9	float	611344	5831144	1 Quartz vein, rusty & vuggy	N
730	BB19-12	Fig. no. 9	float	610792	5831252	1 Quartz vein, rusty & vuggy	N
731	BB19-12a	Fig. no. 9	float	610792	5831252	1 Quartz vein, rusty & vuggy	N
732	BB19-12b	Fig. no. 9	float	610792	5831252	1 Quartz vein, rusty & vuggy	N
733	BB19-13	Fig. no. 9	float	610906	5831239	1 Quartz vein, barren & vuggy	N
734	BB19-13	Fig. no. 9	float	610906	5831239	1 Quartz vein, barren & vuggy	N
735	BB19-13b	Fig. no. 9	float	610906	5831239	1 Quartz vein, barren & vuggy	N
736	BB19-14	Fig. no. 9	float	610986	5831228	1 Quartz vein, barren & vuggy	N
737	BB19-14a	Fig. no. 9	float	610986	5831228	1 Quartz vein, barren & vuggy	N
738	BB19-14b	Fig. no. 9	float	610986	5831228	1 Quartz vein, barren & vuggy	N
739	BB19-15	Fig. no. 9	float	611032	5831212	1 Quartz vein, barren & vuggy	N
740	BB19-15a	Fig. no. 9	float	611032	5831212	1 Quartz vein, barren & vuggy	N
741	BB19-15b	Fig. no. 9	float	611032	5831212	1 Quartz vein, barren & vuggy	N
742	BB19-16	Fig. no. 9	float	611115	5831207	1 Quartz vein, barren & vuggy	N
743	BB19-16a	Fig. no. 9	float	611115	5831207	1 Quartz vein, barren & vuggy	N
744	BB19-16b	Fig. no. 9	float	611115	5831207	1 Quartz vein, barren & vuggy	N
745	BB19-17	Fig. no. 9	float	611191	5831211	1 Quartz vein, barren & vuggy	N
746	BB19-17a	Fig. no. 9	float	611191	5831211	1 Quartz vein, barren & vuggy	N
747	BB19-18	Fig. no. 9	float	611191	5831211	1 Ultra mafic, intrusive	N
748	BB19-18	Fig. no. 9	float	611336	5831219	1 Ultra mafic, intrusive	N
749	BB19-18a	Fig. no. 9	float	611336	5831219	1 Ultra mafic, intrusive	N
750	BB19-18b	Fig. no. 9	float	611336	5831219	1 Ultra mafic, intrusive	N
751	BB19-19	Fig. no. 9	float	610763	5831307	1 Ultra mafic, intrusive	N
752	BB19-19a	Fig. no. 9	float	610763	5831307	1 Ultra mafic, intrusive	N
753	BB19-19b	Fig. no. 9	float	610763	5831307	1 Ultra mafic, intrusive	N
754	BB19-20	Fig. no. 9	float	610849	5831292	1 Mafic schist, green	N
755	BB19-20a	Fig. no. 9	float	610849	5831292	1 Mafic schist, green	N
756	BB19-20b	Fig. no. 9	float	610849	5831292	1 Mafic schist, green	N

Table No. 2

<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
757	BB19-21	Fig. no. 9	float	610951	5831283	1 Quartz vein barren	N
758	BB19-21a	Fig. no. 9	float	610951	5831283	1 Quartz vein barren	N
759	BB19-21b	Fig. no. 9	float	610951	5831283	1 Quartz vein barren	N
760	BB19-22	Fig. no. 9	float	611057	5831286	1 Mafic schist with quartz vein's	N
761	BB19-22a	Fig. no. 9	float	611057	5831286	1 Mafic schist with quartz vein's	N
762	BB19-22b	Fig. no. 9	float	611057	5831286	1 Mafic schist with quartz vein's	N
763	BB19-23	Fig. no. 9	float	611081	5831268	1 Mafic schist with quartz vein's	N
764	BB19-23a	Fig. no. 9	float	611081	5831268	1 Mafic schist with quartz vein's	N
765	BB19-23b	Fig. no. 9	float	611081	5831268	1 Mafic schist with quartz vein's	N
766	BB19-24	Fig. no. 9	float	611104	5831263	1 Mafic schist with quartz vein's	N
767	BB19-24a	Fig. no. 9	float	611104	5831263	1 Mafic schist with quartz vein's	N
768	BB19-24b	Fig. no. 9	float	611104	5831263	1 Mafic schist with quartz vein's	N
769	BB19-25	Fig. no. 9	float	611268	5831295	1 Mafic schist with quartz vein's	N
770	BB19-25a	Fig. no. 9	float	611268	5831295	1 Mafic schist with quartz vein's	N
771	BB19-25b	Fig. no. 9	float	611268	5831295	1 Mafic schist with quartz vein's	N
772	BB19-26	Fig. no. 9	float	611309	5831275	1 Mafic schist, layered	N
773	BB19-26a	Fig. no. 9	float	611309	5831275	1 Mafic schist, layered	N
774	BB19-26b	Fig. no. 9	float	611309	5831275	1 Mafic schist, layered	N
775	BB19-27	Fig. no. 9	float	611339	5831310	1 Mafic schist, layered	N
776	BB19-27a	Fig. no. 9	float	611339	5831310	1 Mafic schist, layered	N
777	BB19-27b	Fig. no. 9	float	611339	5831310	1 Mafic schist, layered	N
778	BB19-28	Fig. no. 9	float	611326	5831357	1 Mafic schist, layered	N
779	BB19-28a	Fig. no. 9	float	611326	5831357	1 Mafic schist, layered	N
780	BB19-28b	Fig. no. 9	float	611326	5831357	1 Mafic schist, layered	N
781	BB19-29	Fig. no. 9	float	611309	5831425	1 Mafic schist, layered	N
782	BB19-29a	Fig. no. 9	float	611309	5831425	1 Mafic schist, layered	N
783	BB19-29b	Fig. no. 9	float	611309	5831425	1 Mafic schist, layered	N
784	BB19-30	Fig. no. 9	float	611191	5831405	1 Mafic schist, green	N
785	BB19-30a	Fig. no. 9	float	611191	5831405	1 Mafic schist, green	N
786	BB19-30b	Fig. no. 9	float	611191	5831405	1 Mafic schist, green	N

Table No. 2

<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
787	BB19-31	Fig. no. 9	float	611069	5831374	1 Mafic schist, green	N
788	BB19-31a	Fig. no. 9	float	611069	5831374	1 Mafic schist, green	N
789	BB19-31b	Fig. no. 9	float	611069	5831374	1 Mafic schist, green	N
790	BB19-32	Fig. no. 9	float	610929	5831350	1 Mafic schist, green	N
791	BB19-32a	Fig. no. 9	float	610929	5831350	1 Mafic schist, green	N
792	BB19-32b	Fig. no. 9	float	610929	5831350	1 Mafic schist, green	N
793	BB19-33	Fig. no. 9	float	610863	5831369	1 Quartz vein, vuggy	N
794	BB19-33a	Fig. no. 9	float	610863	5831369	1 Quartz vein, vuggy	N
795	BB19-33b	Fig. no. 9	float	610863	5831369	1 Quartz vein, vuggy	N
796	BB19-34	Fig. no. 9	float	610820	5831411	1 Quartz vein, vuggy	N
797	BB19-34a	Fig. no. 9	float	610820	5831411	1 Quartz vein, vuggy	N
798	BB19-34b	Fig. no. 9	float	610820	5831411	1 Quartz vein, vuggy	N
799	BB19 10k-01	Fig. no. 9	float	610837	5831170	1 Schist with quartz veins	N
800	BB19 10k-01a	Fig. no. 9	float	610837	5831170	1 Schist with quartz veins	N
801	BB19 10k-01b	Fig. no. 9	float	610837	5831170	1 Schist with quartz veins	N
802	BB19 10k-02	Fig. no. 9	float	610876	5831141	1 Schist with quartz veins	N
803	BB19 10k-02a	Fig. no. 9	float	610876	5831141	1 Schist with quartz veins	N
804	BB19 10k-02b	Fig. no. 9	float	610876	5831141	1 Schist with quartz veins	N
805	BB19 10k-03	Fig. no. 9	float	610900	5831131	1 Schist with quartz veins	N
806	BB19 10k-03a	Fig. no. 9	float	610900	5831131	1 Schist with quartz veins	N
807	BB19 10k-03b	Fig. no. 9	float	610900	5831131	1 Schist with quartz veins	N
808	BB19 10k-04	Fig. no. 9	float	610934	5831131	1 Schist with quartz veins	N
809	BB19 10k-04a	Fig. no. 9	float	610934	5831131	1 Schist with quartz veins	N
810	BB19 10k-04a	Fig. no. 9	float	610934	5831131	1 Schist with quartz veins	N
811	BB19 10k-04b	Fig. no. 9	float	610934	5831131	1 Schist with quartz veins	N
812	BB19 10k-05	Fig. no. 9	float	610968	5831140	1 Mafic schist, folded	N
813	BB19 10k-05a	Fig. no. 9	float	610968	5831140	1 Mafic schist, folded	N
814	BB19 10k-05b	Fig. no. 9	float	610968	5831140	1 Mafic schist, folded	N
815	BB19 10k-06	Fig. no. 9	float	611003	5831098	1 Quartz vein, rusty / vuggy	N
816	BB19 10k-06a	Fig. no. 9	float	611003	5831098	1 Quartz vein, rusty / vuggy	N

Table No. 2

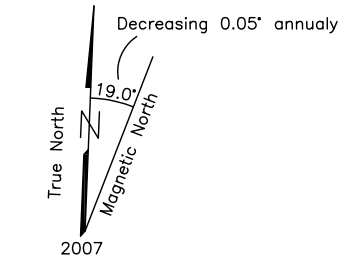
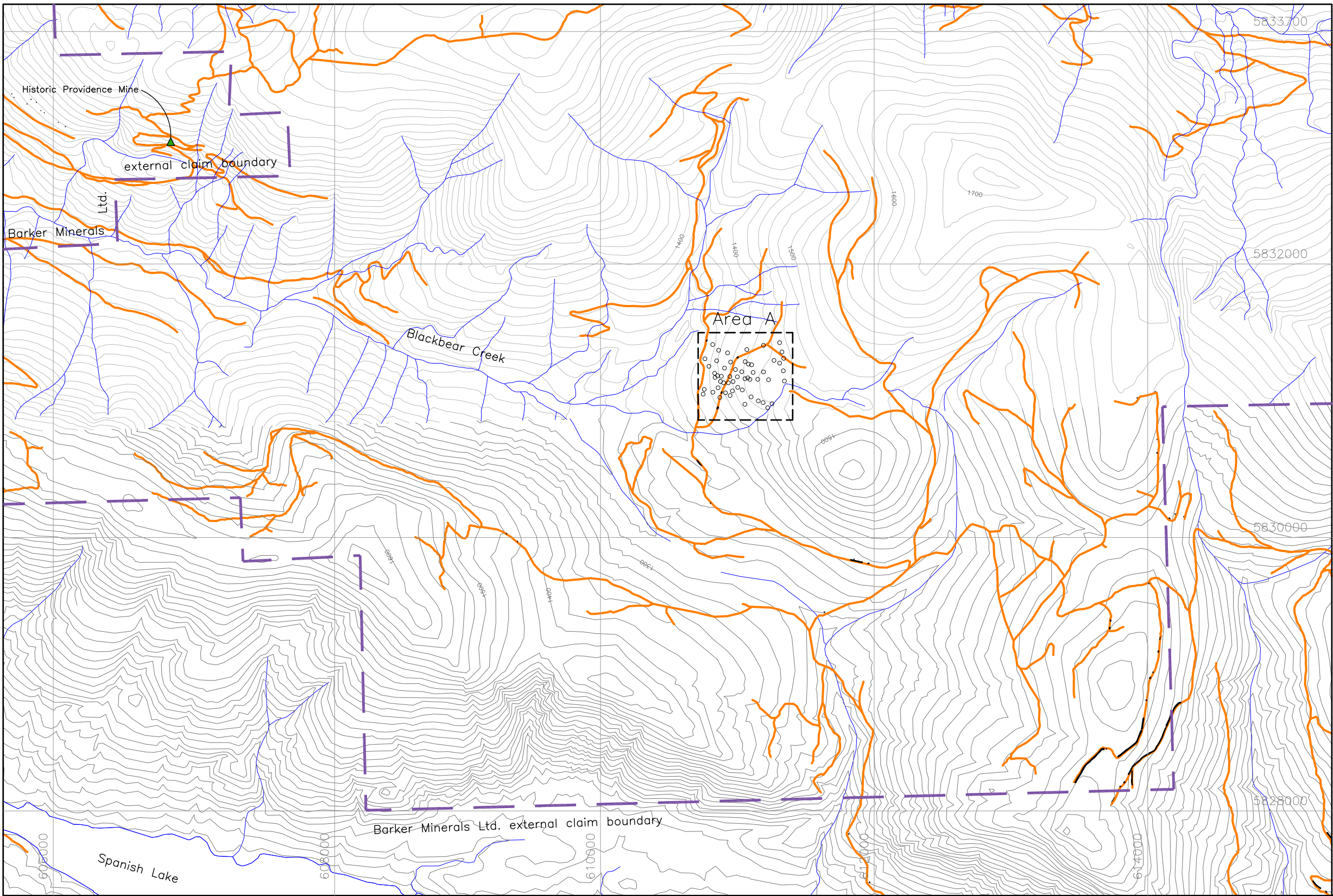
<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
817	BB19 10k-06b	Fig. no. 9	float	611003	5831098	1 Quartz vein, rusty / vuggy	N
818	BB19 10k-07	Fig. no. 9	float	611036	5831079	1 Quartz vein, rusty / vuggy	N
819	BB19 10k-07	Fig. no. 9	float	611036	5831079	1 Mafic schist, folded	N
820	BB19 10k-07a	Fig. no. 9	float	611036	5831079	1 Mafic schist, folded	N
821	BB19 10k-07a	Fig. no. 9	float	611036	5831079	1 Mafic schist, folded	N
822	BB19 10k-08	Fig. no. 9	float	611101	5831028	1 Quartz vein, rusty / vuggy	N
823	BB19 10k-08b	Fig. no. 9	float	611101	5831028	1 Quartz vein, rusty / vuggy	N
824	BB19 10k-09	Fig. no. 9	float	611153	5830999	1 Quartz vein, rusty / vuggy	N
825	BB19 10k-09a	Fig. no. 9	float	611153	5830999	1 Quartz vein, rusty / vuggy	N
826	BB19 10k-09b	Fig. no. 9	float	611153	5830999	1 Quartz vein, rusty / vuggy	N
827	BB19 10k-10	Fig. no. 9	float	611188	5830986	1 Mafic volcanic	N
828	BB19 10k-10a	Fig. no. 9	float	611188	5830986	1 Mafic volcanic	N
829	BB19 10k-10b	Fig. no. 9	float	611188	5830986	1 Mafic volcanic	N
830	BB19 10k-11	Fig. no. 9	float	611253	5830978	1 Mafic volcanic	N
831	BB19 10k-11	Fig. no. 9	float	611253	5830978	1 Mafic volcanic	N
832	BB19 10k-11a	Fig. no. 9	float	611253	5830978	1 Mafic volcanic	N
833	BB19 10k-11b	Fig. no. 9	float	611253	5830978	1 Mafic volcanic	N
834	BB19 10k-12	Fig. no. 9	float	611222	5830949	1 Quartz vein, barren / vuggy	N
835	BB19 10k-12a	Fig. no. 9	float	611222	5830949	1 Quartz vein, barren / vuggy	N
836	BB19 10k-12b	Fig. no. 9	float	611222	5830949	1 Quartz vein, barren / vuggy	N
837	BB19 10k-13	Fig. no. 9	float	611055	5830974	1 Quartz vein, barren / vuggy	N
838	BB19 10k-13a	Fig. no. 9	float	611055	5830974	1 Quartz vein, barren / vuggy	N
839	BB19 10k-13b	Fig. no. 9	float	611055	5830974	1 Quartz vein, barren / vuggy	N
840	BB19 10k-14	Fig. no. 9	float	610859	5831095	1 Quartz vein, barren / vuggy	N
841	BB19 10k-14a	Fig. no. 9	float	610859	5831095	1 Quartz vein, barren / vuggy	N
842	BB19 10k-14b	Fig. no. 9	float	610859	5831095	1 Quartz vein, barren / vuggy	N
843	BB19 10k-15	Fig. no. 9	float	610758	5831083	1 Mafic schist, grey	N
844	BB19 10k-15a	Fig. no. 9	float	610758	5831083	1 Mafic schist, grey	N
845	BB19 10k-15b	Fig. no. 9	float	610758	5831083	1 Mafic schist, grey	N
846	BB19 10k-16	Fig. no. 9	float	610821	5831062	1 Mafic schist, grey	N

Table No. 2

<u>XRF No.</u>	<u>Field No.</u>	<u>Fig. No.</u>	<u>Type</u>	<u>Easting (X)</u>	<u>Northing (Y)</u>	<u>XRF Target and Description and Comment</u>	<u>Magnetic</u>
						<u>XRF Target Features</u> 1 = sample of main mass 4 = sulphide band 2 = quartz vein 5 = rusty, altered 3 = sulphide bleb 6 = other	Y or N
847	BB19 10k-16a	Fig. no. 9	float	610821	5831062	1 Mafic schist, grey	N
848	BB19 10k-16b	Fig. no. 9	float	610821	5831062	1 Mafic schist, grey	N
849	BB19 10k-17	Fig. no. 9	float	610913	5831058	1 Mafic schist, grey	N
850	BB19 10k-17a	Fig. no. 9	float	610913	5831058	1 Mafic schist, grey	N
851	BB19 10k-17b	Fig. no. 9	float	610913	5831058	1 Mafic schist, grey	N
852	BB19 10k-18	Fig. no. 9	float	610964	5831072	1 Mafic schist, grey	N
853	BB19 10k-18a	Fig. no. 9	float	610964	5831072	1 Mafic schist, grey	N
854	BB19 10k-18b	Fig. no. 9	float	610964	5831072	1 Mafic schist, grey	N
855	BB19 10k-19	Fig. no. 9	float	610947	5831038	1 Quart vein, rusty / vuggy	N
856	BB19 10k-19a	Fig. no. 9	float	610947	5831038	1 Quart vein, rusty / vuggy	N
857	BB19 10k-19b	Fig. no. 9	float	610947	5831038	1 Quart vein, rusty / vuggy	N
858	BB19 10k-20	Fig. no. 9	float	610872	5831024	1 Mafic schist	N
859	BB19 10k-20a	Fig. no. 9	float	610872	5831024	1 Mafic schist	N
860	BB19 10k-20b	Fig. no. 9	float	610872	5831024	1 Mafic schist	N
861	BB19 10k-21	Fig. no. 9	float	610750	5831048	1 Mafic schist	N
862	BB19 10k-21a	Fig. no. 9	float	610750	5831048	1 Mafic schist	N
863	BB19 10k-21b	Fig. no. 9	float	610750	5831048	1 Mafic schist	N

APPENDIX G

Black Bear East Property Maps and XRF Data Table

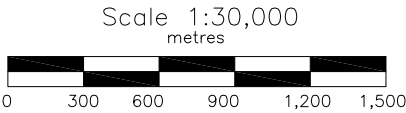


UTM Coordinate System
Map Datum: NAD 83
Zone: 10

For Area A see Figure No. 9

LEGEND

- Topographic Contour & Elevation
Contour interval 20 metres
- Creek, Pond
- Road
- 2019 sample location



BARKER MINERALS LTD.

Black Bear East Property

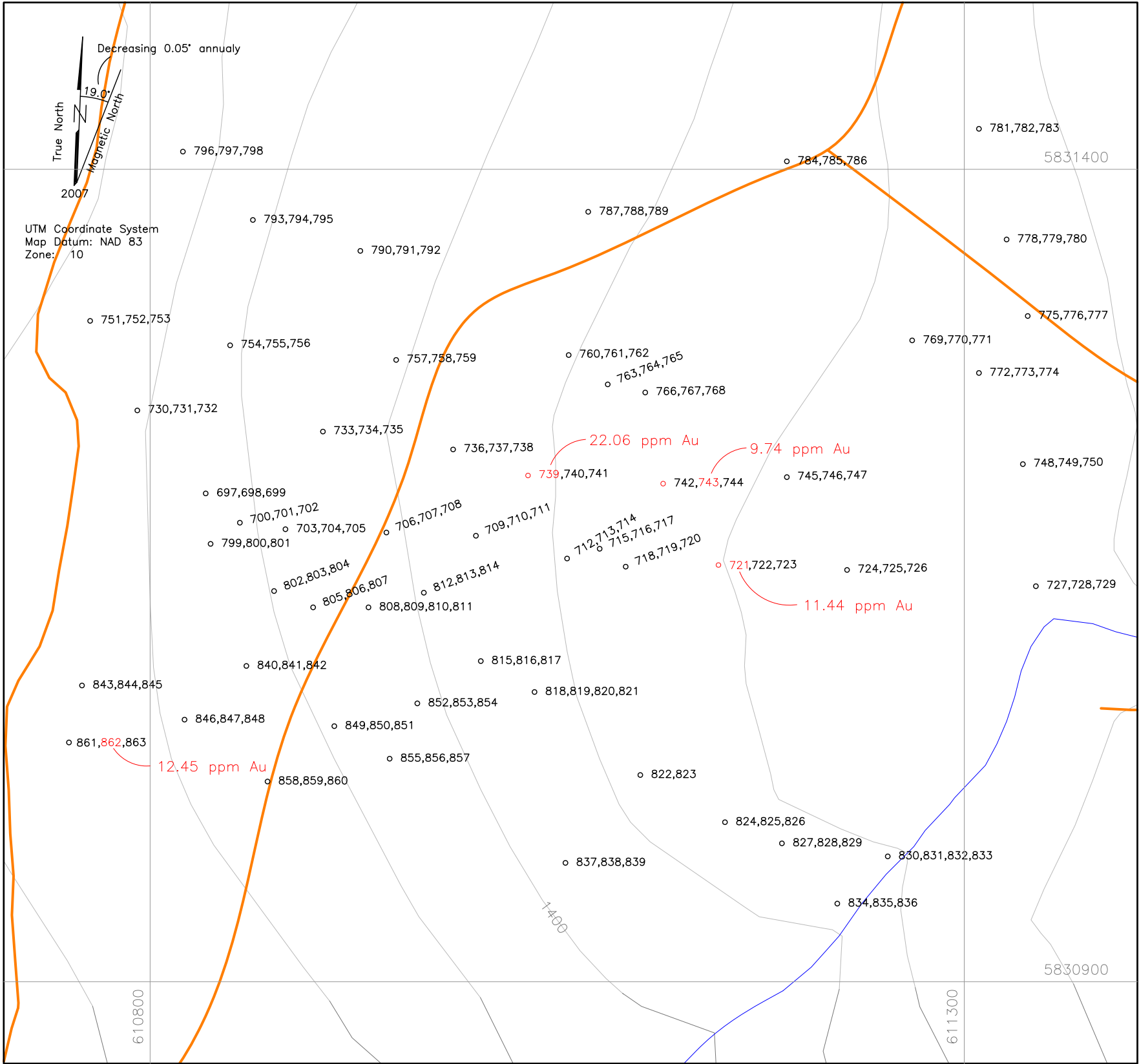
Keymap
of Black Bear East Area A

Cariboo Mining Division, B.C.

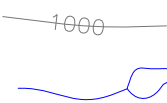
NTS Mapsheet: 93 A/14

Date: November 26, 2019

Fig.No. 8



LEGEND



Topographic Contour & Elevation
Contour interval 20 metres

Road

2019 sample location and number

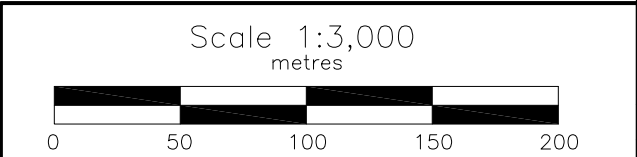
Creek, Pond

Black Bear East Property
Area A
Rock Samples XRF Results (ppm)

XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au
697	167			753	107	67		809	44	28	
698	264			754	310	980		810	32		
699	472			755	68	95		811	26	24	
700	258			756	52	300		812	15	19	
701	232			757	92	67		813	50		
702	371	70		758	15	2120		814	54	26	
703	794	54		759	75	74		815	115	58	
704	264			760		2109		816	251	68	
705	74			761	24	160		817	147	28	
706	79	217		762	83	242		818	56	49	
707	60	682		763	92	147		819	159	68	
708	27			764	128	303		820	97	59	
709	53	145		765	55	305		821	163	134	
710	29	184		766	20			822	96	40	
711	43	2574		767	29			823	114	39	
712	20			768	18			824	109	54	
713	74			769	14			825	139	46	
714	54	31		770	92			826	132	26	
715	526	33		771	65			827	14		
716	110	31		772	41			828	26		
717	395	25		773	48			829	16		
718	38	1245		774	57			830	282		
719	70	998		775				831	105	36	
720	13			776	30			832	66	72	
721	393		11.44	777	26			833	121	65	
722	225			778	89	150		834	25		
723	391			779	56	508		835	212		
724	464			780	90	55		836	43		
725	339	37		781	74	37		837	34		
726	1150	126		782	75	254		838	281	86	
727	22	28		783	62	90		839	39		
728	19	41		784	16	18		840	242	52	
729	40	163		785	14			841	35	19	
730	97	1549		786	14			842	65	27	
731	52	1859		787	12			843	35		
732	89	734		788	18			844	137	86	
733	76	746		789	36			845	188	152	
734	78	925		790	18			846	44	66	
735	116	77		791				847	116	67	
736	86	51		792	17			848	69		
737	61	107		793	72			849	96		
738	68	85		794	11			850	41		
739	47	252	22.06	795	19			851	22		
740	59	290		796	37	24		852	199	33	
741	27	70		797	14			853	170		
742	21	61		798	17	24		854	257	37	
743	98	917	9.74	799	12	34		855	19	17	
744	16	34		800	36	158		856	20		
745	117	138		801	22	248		857	53	26	
746	135	456		802	24	70		858	70	53	
747	84	51		803	81	82		859	24	33	
748	51	209		804	59	40		860	30	20	
749	51			805	12			861	47	40	
750	86	287		806	28	27		862	211	78	12.45
751	95	309		807	44			863	200		
752	121	1208		808	17						

Au results over level of detection marked in red.
Zn and Cu results over 200 ppm marked in red.

Values below level of detection are not shown.
See Table No. 3 for XRF results.



BARKER MINERALS LTD.

Black Bear East Property

Area A

Sample Numbers and
Zn, Cu, Au Geochemistry
Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14

Date: November 26, 2019

Fig.No. 9

Table No. 3
Black Bear East - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
743	Fig. No. 9	float	ppm	BB19-16a	< LOD :	17	13 < LOD :	6 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	9.74	98 < LOD :		917	171 < LOD :	115304	8663 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
744	Fig. No. 9	float	ppm	BB19-16b	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	16 < LOD :		34 < LOD :	< LOD :	3984 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
745	Fig. No. 9	float	ppm	BB19-17	< LOD :	102	251 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	117 < LOD :		138 < LOD :	< LOD :	137817	3322 < LOD :	< LOD :	< LOD :	< LOD :		5	5 < LOD :	< LOD :	< LOD :	< LOD :	8360	
746	Fig. No. 9	float	ppm	BB19-17a	< LOD :	61	162 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	135 < LOD :		456 < LOD :	< LOD :	75137	4172 < LOD :	< LOD :	< LOD :	< LOD :		7	3 < LOD :	< LOD :	< LOD :	< LOD :	3991	
747	Fig. No. 9	float	ppm	BB19-18	< LOD :	84	152 < LOD :	4 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	84 < LOD :		51 < LOD :	< LOD :	111000	2477 < LOD :	< LOD :	< LOD :	< LOD :		5	3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
748	Fig. No. 9	float	ppm	BB19-18	< LOD :	80	174 < LOD :	4 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	51 < LOD :		209 < LOD :	< LOD :	145137 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	< LOD :	< LOD :	< LOD :	7234	
749	Fig. No. 9	float	ppm	BB19-18a	< LOD :	47	142 < LOD :	< LOD :	4 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	51 < LOD :	< LOD :	< LOD :	< LOD :	67188	1663 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	< LOD :	< LOD :	< LOD :	3582	
750	Fig. No. 9	float	ppm	BB19-18b	< LOD :	91	131 < LOD :	22 < LOD :	25 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	86 < LOD :		287	185 < LOD :	247573 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	9076
751	Fig. No. 9	float	ppm	BB19-19	< LOD :	85	236 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	95 < LOD :		309 < LOD :	< LOD :	156153	3093 < LOD :	< LOD :	< LOD :	< LOD :		4	3 < LOD :	< LOD :	< LOD :	< LOD :	9979	
752	Fig. No. 9	float	ppm	BB19-19a	< LOD :	9	250 < LOD :	< LOD :	16 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	121 < LOD :		1208 < LOD :	< LOD :	56720	31096 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	64	81	481		
753	Fig. No. 9	float	ppm	BB19-19b	< LOD :	88	252 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	107 < LOD :		67 < LOD :	< LOD :	129258	3419 < LOD :	< LOD :	< LOD :	< LOD :		6	4 < LOD :	< LOD :	< LOD :	< LOD :	6624	
754	Fig. No. 9	float	ppm	BB19-20	< LOD :	< LOD :	9 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	310 < LOD :		980	124 < LOD :	191489	14548 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	141	959	
755	Fig. No. 9	float	ppm	BB19-20a	< LOD :	17	29 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	68 < LOD :		95 < LOD :	< LOD :	101056	2722 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	1007
756	Fig. No. 9	float	ppm	BB19-20b	< LOD :	52	60 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	52 < LOD :		300	160 < LOD :	108824	1791 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	< LOD :	< LOD :	< LOD :	6265	
757	Fig. No. 9	float	ppm	BB19-21	< LOD :	113	209 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	92 < LOD :		67 < LOD :	< LOD :	118766	3395 < LOD :	< LOD :	< LOD :	< LOD :		5	4 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
758	Fig. No. 9	float	ppm	BB19-21a	< LOD :	11	89 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	15 < LOD :		2120 < LOD :	< LOD :	9974	1038 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
759	Fig. No. 9	float	ppm	BB19-21b	< LOD :	74	228 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	75 < LOD :		74 < LOD :	< LOD :	115645	4090 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		3 < LOD :	< LOD :	< LOD :	< LOD :	8614	
760	Fig. No. 9	float	ppm	BB19-22	< LOD :	2	12 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2109 < LOD :	< LOD :	6490	356 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	57 < LOD :		658		
761	Fig. No. 9	float	ppm	BB19-22a	< LOD :	51	57	9 < LOD :	< LOD :	< LOD :	< LOD :	8 < LOD :	< LOD :	< LOD :	< LOD :	24 < LOD :		160 < LOD :	< LOD :	143616 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	268	12238	
762	Fig. No. 9	float	ppm	BB19-22b	< LOD :	136	83	8 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	83 < LOD :		242 < LOD :	< LOD :	79782 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		5	3 < LOD :	< LOD :	< LOD :	< LOD :	4994	
763	Fig. No. 9	float	ppm	BB19-23	< LOD :	23	22 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	92 < LOD :		147 < LOD :	< LOD :	105967	5951 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	4476
764	Fig. No. 9	float	ppm	BB19-23a	< LOD :	< LOD :	< LOD :	< LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	128 < LOD :		303 < LOD :	< LOD :	115194	7062	28 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	32 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
765	Fig. No. 9	float	ppm	BB19-23b	< LOD :	34	115 < LOD :	< LOD :	< LOD :	< LOD :	18	12 < LOD :	< LOD :	< LOD :	< LOD :	55 < LOD :		305 < LOD :	< LOD :	187414 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	56	107	3567			
766	Fig. No. 9	float	ppm	BB19-24	< LOD :	< LOD :	206 < LOD :	8 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	20 < LOD :	< LOD :	< LOD :	< LOD :	2877	83 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
767	Fig. No. 9	float	ppm	BB19-24a	< LOD :	< LOD :	4 < LOD :	5 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	29 < LOD :	< LOD :	< LOD :	< LOD :	8773	1038 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
768	Fig. No. 9	float	ppm	BB19-24b	< LOD :	< LOD :	427	9	12 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	18 < LOD :	< LOD :	< LOD :	< LOD :	2508	71 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
769	Fig. No. 9	float	ppm	BB19-25	< LOD :	< LOD :	3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	14 < LOD :	< LOD :	< LOD :	< LOD :	1251	83 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
770	Fig. No. 9	float	ppm	BB19-25a	< LOD :	7	159 < LOD :	34 < LOD :	< LOD :	< LOD :	23 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	92 < LOD :	< LOD :	< LOD :	< LOD :	78019 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
771	Fig. No. 9	float	ppm	BB19-25b	< LOD :	< LOD :	143 < LOD :	13 < LOD :	< LOD :	< LOD :	11 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	65 < LOD :	< LOD :	110 < LOD :	51615	1450 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
772	Fig. No. 9	float	ppm	BB19-26	< LOD :	< LOD :	239 < LOD :	23 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	41 < LOD :	< LOD :	< LOD :	< LOD :	10590	1283 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
773	Fig. No. 9	float	ppm	BB19-26a	< LOD :	< LOD :	250 < LOD :	29 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	48 < LOD :	< LOD :	< LOD :	< LOD :	18338 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	62 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
774	Fig. No. 9	float	ppm	BB19-26b	< LOD :	119	74 < LOD :	23 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	57 < LOD :	< LOD :	< LOD :	< LOD :	32504 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		5 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
775	Fig. No. 9	float	ppm	BB19-27	< LOD :	< LOD :	27 < LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2113	473 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
776	Fig. No. 9	float	ppm	BB19-27a	< LOD :	5	344	7	7 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	30 < LOD :	< LOD :	< LOD :	< LOD :	22821	1235 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
777	Fig. No. 9	float	ppm	BB19-27b	< LOD :	10	309	8	16 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	26 < LOD :	< LOD :	< LOD :	< LOD :	9461	499 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
778	Fig. No. 9	float	ppm	BB19-28	< LOD :	60	9 < LOD :	3 < LOD :	< LOD :	< LOD :	12 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	89 < LOD :		150 < LOD :	< LOD :	83850 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
779	Fig. No. 9	float	ppm	BB19-28a	< LOD :	51	9 < LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	56 < LOD :		508 < LOD :	< LOD :	95775	2835 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :		2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
780	Fig. No. 9	float	ppm	BB19-28b	< LOD :	61	10 < LOD :	11 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	90 < LOD :		55 < LOD :	< LOD :	73330	1001 < LOD :	< LOD :	< LOD :	< LOD :		3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
781	Fig. No. 9	float	ppm	BB19-29	< LOD :	57	40 < LOD :	2	9 < LOD :	< LOD :	< LOD :	12 < LOD :	< LOD :	< LOD :	< LOD :	74 < LOD :		37	118 < LOD :	72733	1551 < LOD :	< LOD :	< LOD :	< LOD :		4	3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
782	Fig. No. 9	float	ppm	BB19-29a	< LOD :	92	11 < LOD :	8 < LOD :	< LOD :	< LOD :	7 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	75 < LOD :		254 < LOD :	< LOD :	121644	4760 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	408	9831		
783	Fig. No. 9	float	ppm	BB19-29b	< LOD :	63	14 < LOD :	5 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	62 < LOD :		90 < LOD :	< LOD :	44816	6982 < LOD :	< LOD :	< LOD :	< LOD :		4	3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
784	Fig. No. 9	float	ppm	BB19-30	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	16 < LOD :		18 < LOD :	< LOD :	3189	577 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
785	Fig. No. 9	float	ppm	BB19-30a	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	14 < LOD :	< LOD :	< LOD :	< LOD :	3722	288 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :
786	Fig. No. 9	float	ppm	BB19-30b	< LOD :	< LOD :																										

Table No. 3
Black Bear East - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
839	Fig. No. 9	float	ppm	BB19 10k-13b	< LOD :	90	169	6	25	7 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	39 < LOD :	< LOD :	< LOD :	< LOD :	7020	263 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	8 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
840	Fig. No. 9	float	ppm	BB19 10k-14	< LOD :	54	51	9	7 < LOD :	39 < LOD :	< LOD :	13 < LOD :				242 < LOD :	52	352 < LOD :	176058	14595	22 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
841	Fig. No. 9	float	ppm	BB19 10k-14a	< LOD :	98	88 < LOD :	23	11 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :			35 < LOD :	19 < LOD :	< LOD :	5745	189 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	11 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
842	Fig. No. 9	float	ppm	BB19 10k-14b	< LOD :	82	75 < LOD :	14	8 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :			65 < LOD :	27 < LOD :	< LOD :	21034	1143 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	7 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
843	Fig. No. 9	float	ppm	BB19 10k-15	< LOD :	4	37 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	7 < LOD :	< LOD :			35 < LOD :	< LOD :	< LOD :	44598	2694 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	28 < LOD :		258		
844	Fig. No. 9	float	ppm	BB19 10k-15a	< LOD :< LOD :		13 < LOD :	< LOD :	< LOD :	58 < LOD :	< LOD :	< LOD :	< LOD :			137 < LOD :	86	410 < LOD :	335025	26255 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
845	Fig. No. 9	float	ppm	BB19 10k-15b	< LOD :	64	79 < LOD :	33 < LOD :	61 < LOD :	17 < LOD :	< LOD :					188 < LOD :	152 < LOD :	< LOD :	121154 < LOD :	67	39 < LOD :	< LOD :	< LOD :	< LOD :	7 < LOD :	169 < LOD :		979				
846	Fig. No. 9	float	ppm	BB19 10k-16	< LOD :	29	57 < LOD :	11 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			44 < LOD :	66 < LOD :	< LOD :	18871	159 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	
847	Fig. No. 9	float	ppm	BB19 10k-16a	< LOD :< LOD :		152 < LOD :	< LOD :	28 < LOD :	< LOD :	14 < LOD :	< LOD :				116 < LOD :	67 < LOD :	< LOD :	198920	11600 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
848	Fig. No. 9	float	ppm	BB19 10k-16b	< LOD :< LOD :		16 < LOD :	< LOD :	19 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :			69 < LOD :	< LOD :	< LOD :	114910	9866 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
849	Fig. No. 9	float	ppm	BB19 10k-17	< LOD :	116	385 < LOD :	76 < LOD :	30 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :			96 < LOD :	< LOD :	< LOD :	24861	15369 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	15 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	1133		
850	Fig. No. 9	float	ppm	BB19 10k-17a	< LOD :	4	8 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			41 < LOD :	< LOD :	< LOD :	9962 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
851	Fig. No. 9	float	ppm	BB19 10k-17b	< LOD :< LOD :		180 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			22 < LOD :	< LOD :	< LOD :	2956 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	163 < LOD :	< LOD :	< LOD :		
852	Fig. No. 9	float	ppm	BB19 10k-18	< LOD :	127	60 < LOD :	56 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			199 < LOD :	33 < LOD :	488	99206 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	5	13 < LOD :	< LOD :	< LOD :	< LOD :	10059			
853	Fig. No. 9	float	ppm	BB19 10k-18a	< LOD :	87	51 < LOD :	35 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			170 < LOD :	< LOD :	< LOD :	41408 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
854	Fig. No. 9	float	ppm	BB19 10k-18b	< LOD :	116	51 < LOD :	52	16 < LOD :	< LOD :	11 < LOD :	< LOD :				257 < LOD :	37 < LOD :	363	78055 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	5 < LOD :	< LOD :	< LOD :	< LOD :	5171			
855	Fig. No. 9	float	ppm	BB19 10k-19	< LOD :< LOD :< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			19 < LOD :	17 < LOD :	< LOD :	605	67 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
856	Fig. No. 9	float	ppm	BB19 10k-19a	< LOD :< LOD :		20 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			20 < LOD :	< LOD :	< LOD :	5077 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
857	Fig. No. 9	float	ppm	BB19 10k-19b	< LOD :< LOD :		9 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			53 < LOD :	26 < LOD :	< LOD :	24481	603 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
858	Fig. No. 9	float	ppm	BB19 10k-20	< LOD :	13	16 < LOD :	4 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			70 < LOD :	53 < LOD :	< LOD :	32753	828 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
859	Fig. No. 9	float	ppm	BB19 10k-20a	< LOD :	20	39 < LOD :	5 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			24 < LOD :	33 < LOD :	< LOD :	7731	600 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	2 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
860	Fig. No. 9	float	ppm	BB19 10k-20b	< LOD :< LOD :		3 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			30 < LOD :	20 < LOD :	< LOD :	10362 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
861	Fig. No. 9	float	ppm	BB19 10k-21	< LOD :	141	34 < LOD :	5	5 < LOD :	< LOD :	< LOD :	< LOD :	12.45			47 < LOD :	40 < LOD :	201	52770	376 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	3 < LOD :	< LOD :	< LOD :	< LOD :	6150			
862	Fig. No. 9	float	ppm	BB19 10k-21a	< LOD :	18	18 < LOD :	13	22 < LOD :	< LOD :	11 < LOD :	< LOD :				211	176	78 < LOD :	97611 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		
863	Fig. No. 9	float	ppm	BB19 10k-21b	< LOD :< LOD :< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :			200 < LOD :	< LOD :	< LOD :	104745	2452 < LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :	< LOD :		