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: **$33,465.00**

AUTHOR(S): **Rein Turna**
SIGNATURE(S): **"SIGNED"**
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **5634986 (May 30, 2016 to January 15, 2017)**

YEAR OF WORK: **2016**
PROPERTY NAME: **Black Bear East Property**
CLAIM NAME(S) (on which work was done)
Black Bear East Property (tenure # 1038881)

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 **611940** NORTHING **5829565**

OWNER(S): **Barker Minerals Ltd.**
MAILING ADDRESS: **8384 Toombs Drive, Prince George BC, V2K 5A3**

OPERATOR(S) [who paid for the work]: **Barker Minerals Ltd.**
MAILING ADDRESS: **8384 Toombs Drive, Prince George BC, V2K 5A3**

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		
GEOPHYSICAL (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	204	1038881	$8,863.25
Other	N/A		
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	86	1038881	$24,601.75
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	$33,465.00

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
611940 E and 5829565 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. 1038881.

for

Barker Minerals Ltd.
8384 Toombs Drive
Prince George, B.C.
V2K 5A3

Prepared by:
Rein Turna

June 24, 2017

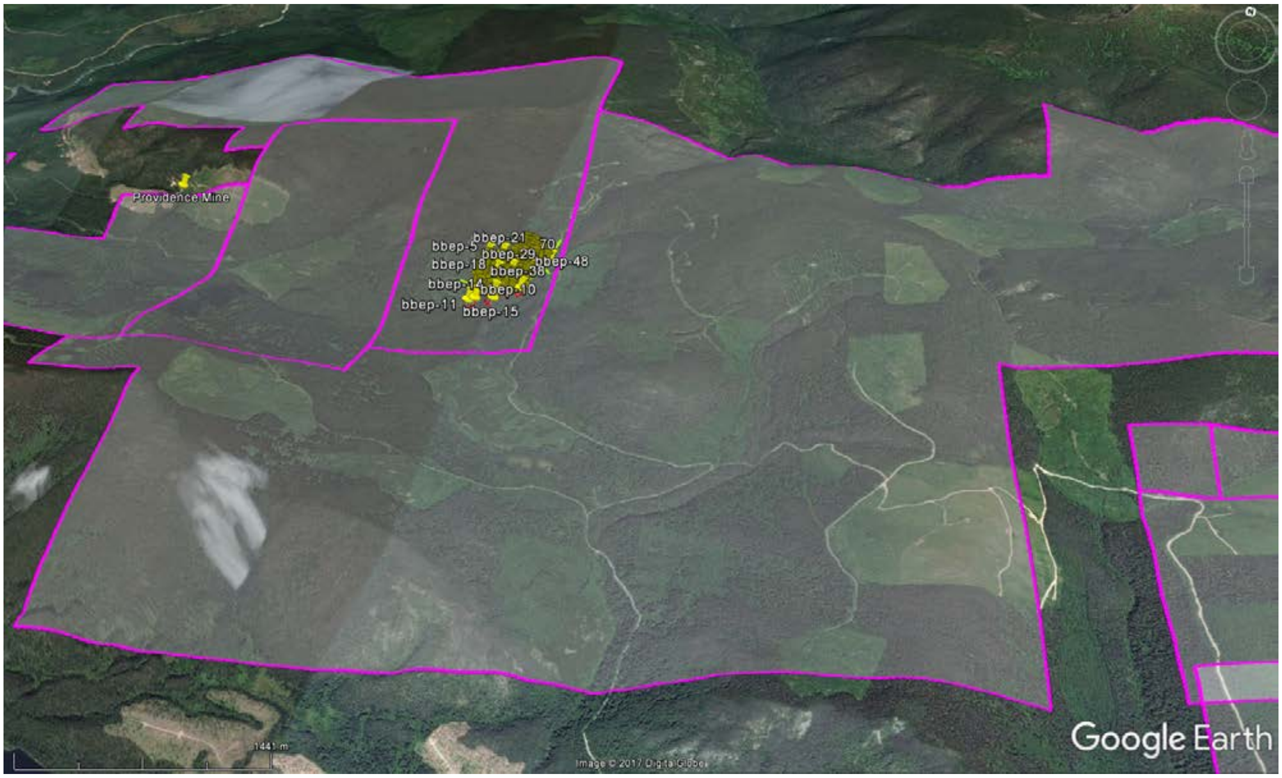

Figure No. 1 Black Bear East property. View is toward the north. The former Providence Mine is at upper left. Barker Mineral's claims are indicated. Left of centre is the area in Black Bear East where rock sampling was done in 2016. Access is from the south via the Black Bear Road or via the Spanish Creek Road from the east.

1.0 SUMMARY

Work performed on Barker Minerals Ltd.'s Black Bear East property consisted of rock sampling. 204 geochemical analyses were made of rocks collected in this program. This report describes the work done. Detailed maps and geochemical data are presented in Appendix H.

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2.0 INTRODUCTION

This report describes assessment work performed during 2016 on Barker Minerals Ltd.'s Black Bear East property. The work was concentrated in the area of **tenure no. 1038881**. Rock samples were analyzed by X-ray fluorescence (XRF) for multiple 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 Appendix B – Barker Minerals Ltd. Mineral Claims Details. The property's location in British Columbia is indicated in Figure No. 2 – Black Bear East Property Location in British Columbia, and the mineral claims are outlined in Figure No. 3 – 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
611940 E and 5829565 N UTM coordinates (NAD 83).

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

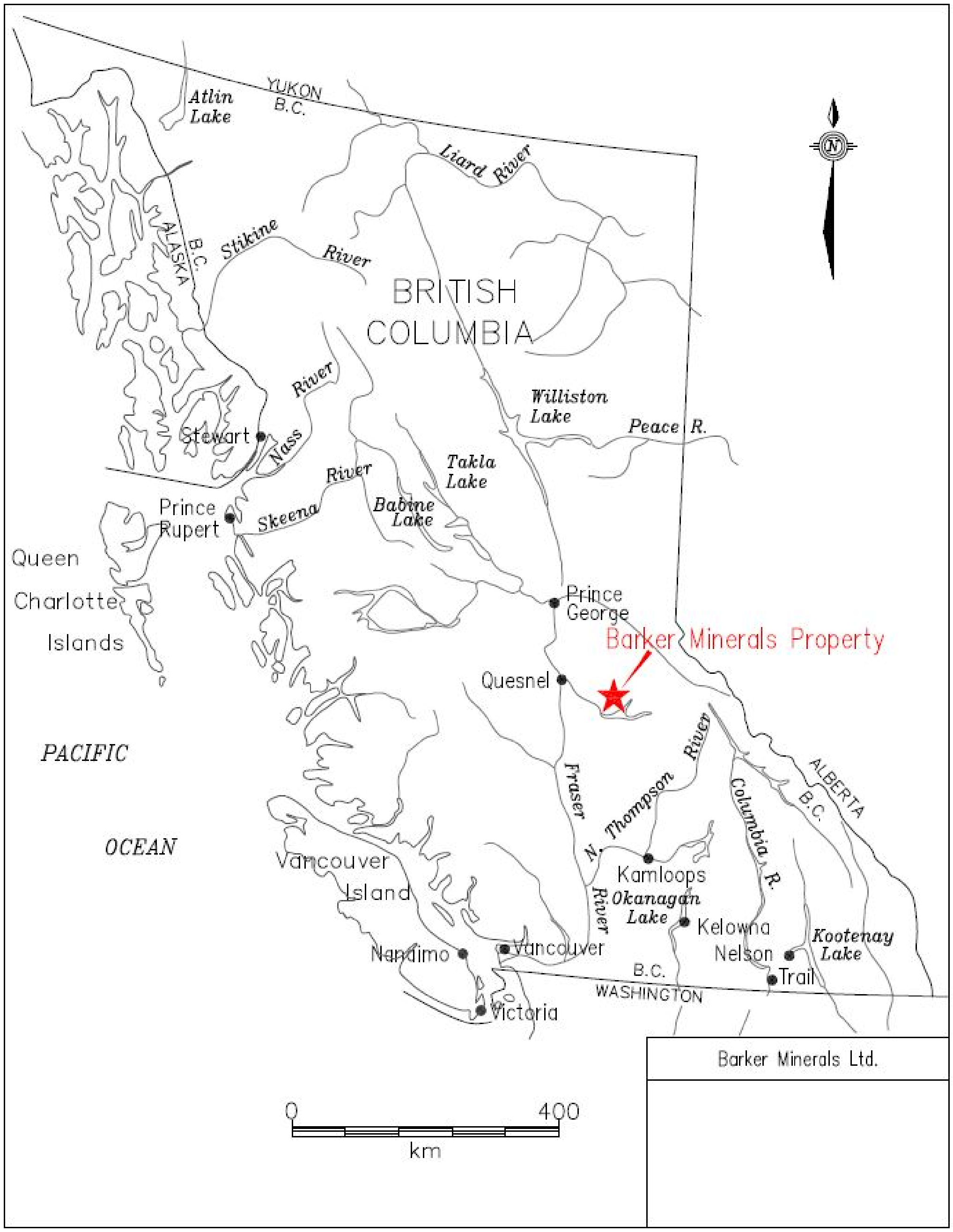


Figure No. 2 Barker Minerals Ltd. Black Bear East property location in British Columbia.

4.0 MINERAL CLAIMS

Details about the mineral claims are provided in Appendix B – Barker Minerals Ltd. Mineral Claims Details. Fig. No. 3 on the next page illustrates the configuration of the mineral claims relevant to this report.

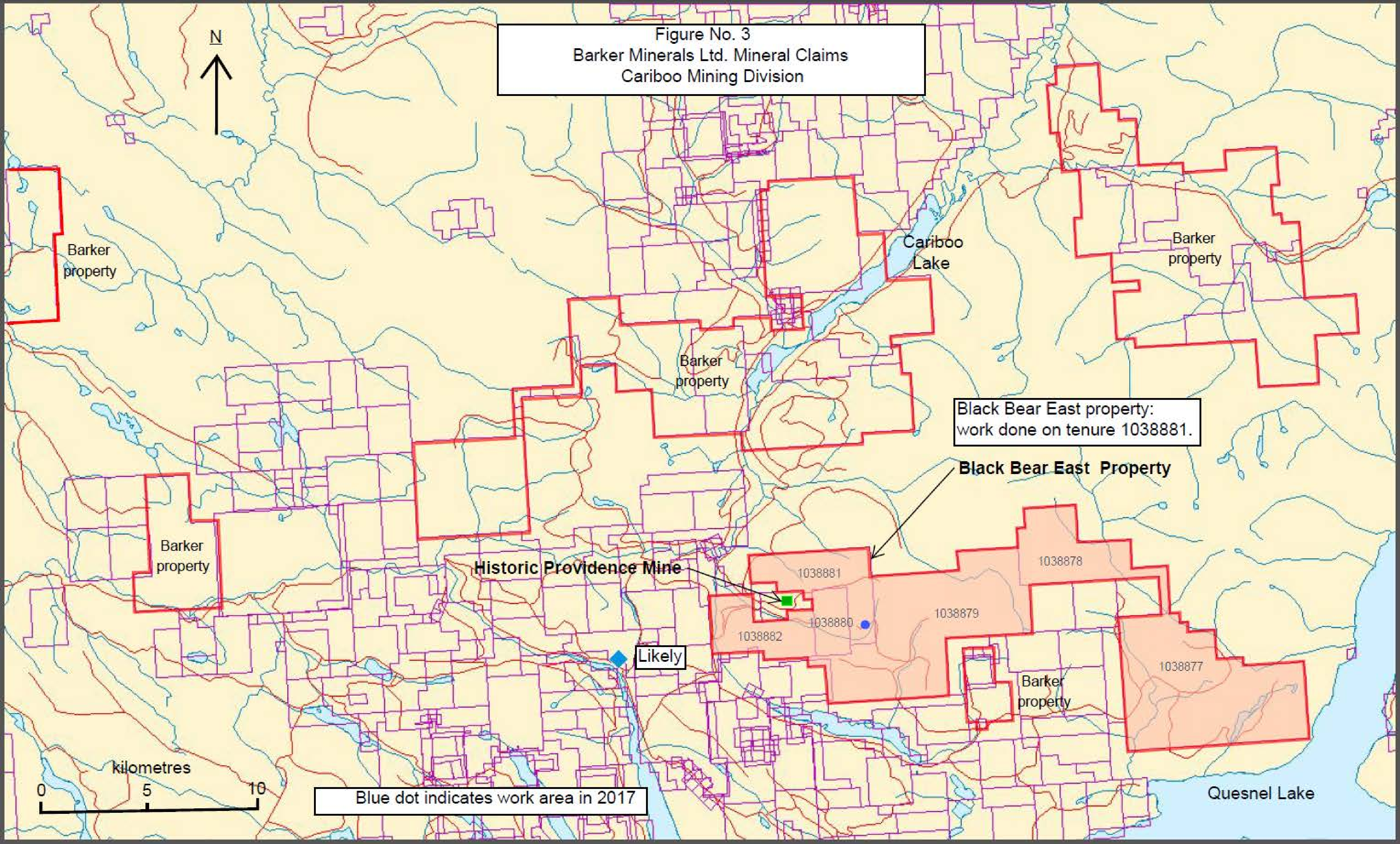


Figure No. 3
Barker Minerals Ltd. Mineral Claims
Cariboo Mining Division
N
Barker property
Cariboo Lake
Barker property
Barker property
Black Bear East property:
work done on tenure 1038881.
Black Bear East Property
Barker property
Historic Providence Mine
1038881
1038878
1038879
1038880
1038882
1038877
Likely
Barker property
kilometres
0
5
10
Blue dot indicates work area in 2017
Quesnel Lake

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 northeast from Likely. Figure No. 4 shows access roads from Likely to Barker's mineral properties.

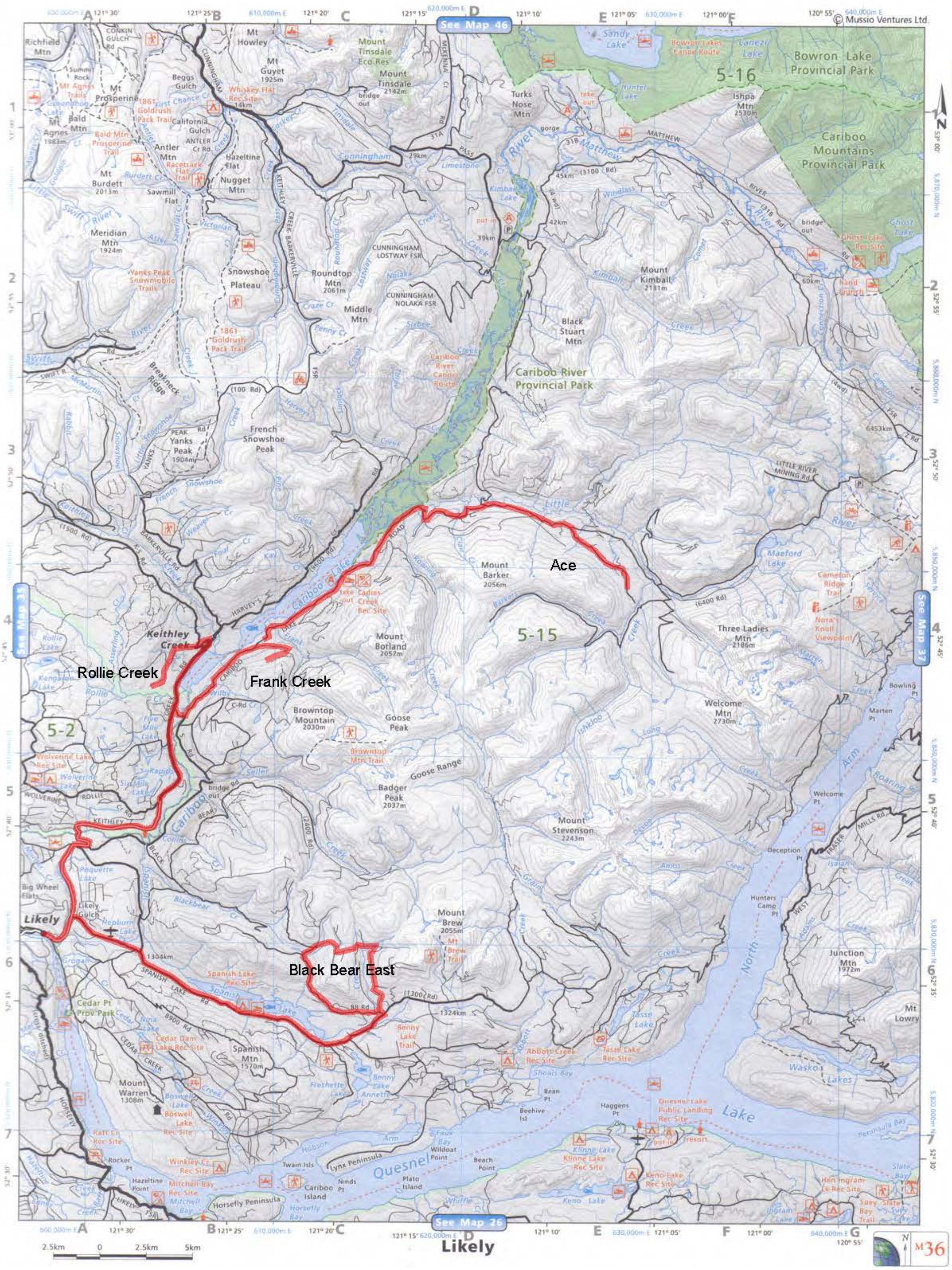


Figure No. 4 Access roads from Likely to several of Barker Minerals' properties.

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 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 to38 ppm). Zn anomalies occurred more extensively. Further rock and soil sampling was recommended.

6.1.7 Work Done in 2016
The relevant assessment report by Turna, R. is dated February 6, 2017.

240 rock samples were analyzed along traverses in on tenure no. 1038879 in the southeast corner of the property. 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.

7.0 GEOLOGY

7.1 Regional Geology

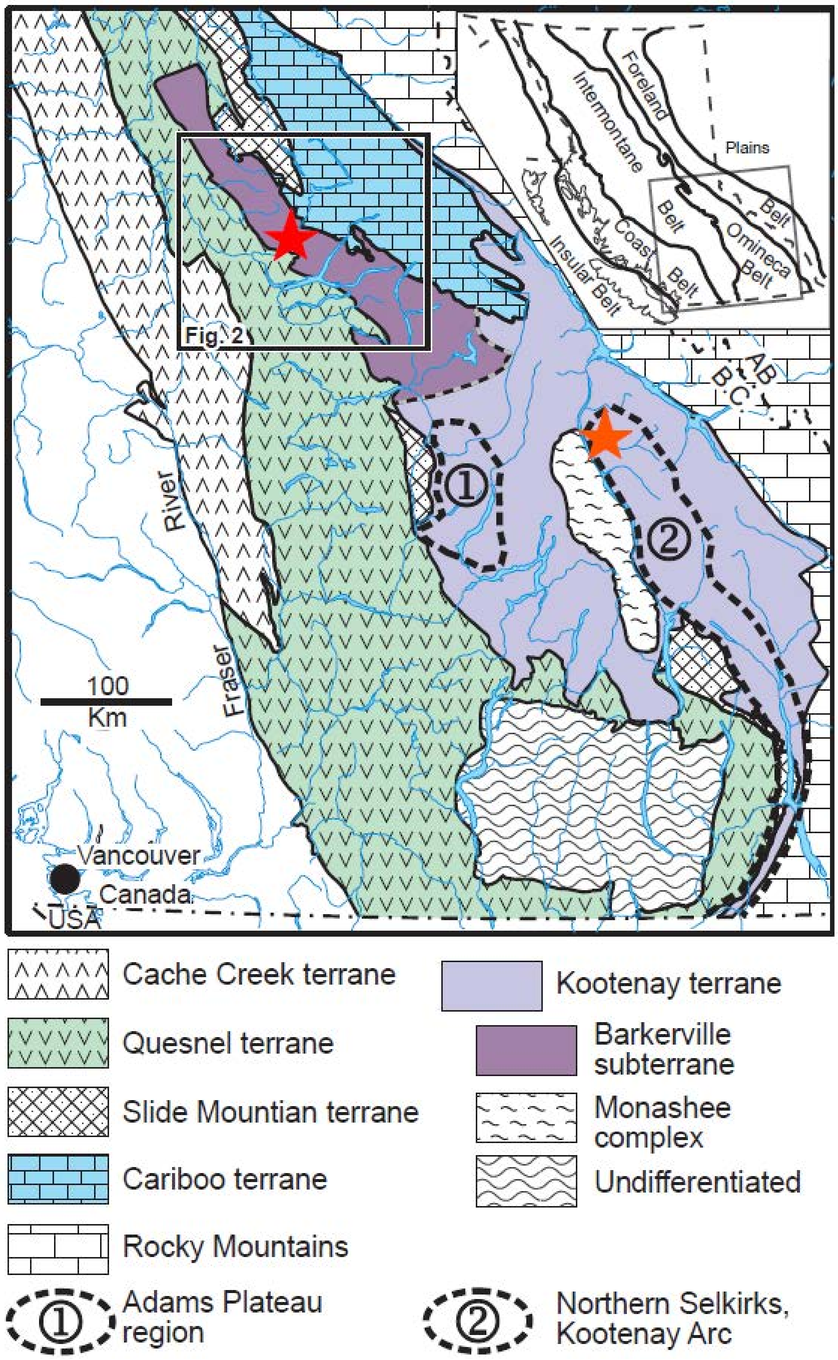


Figure No. 5 Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

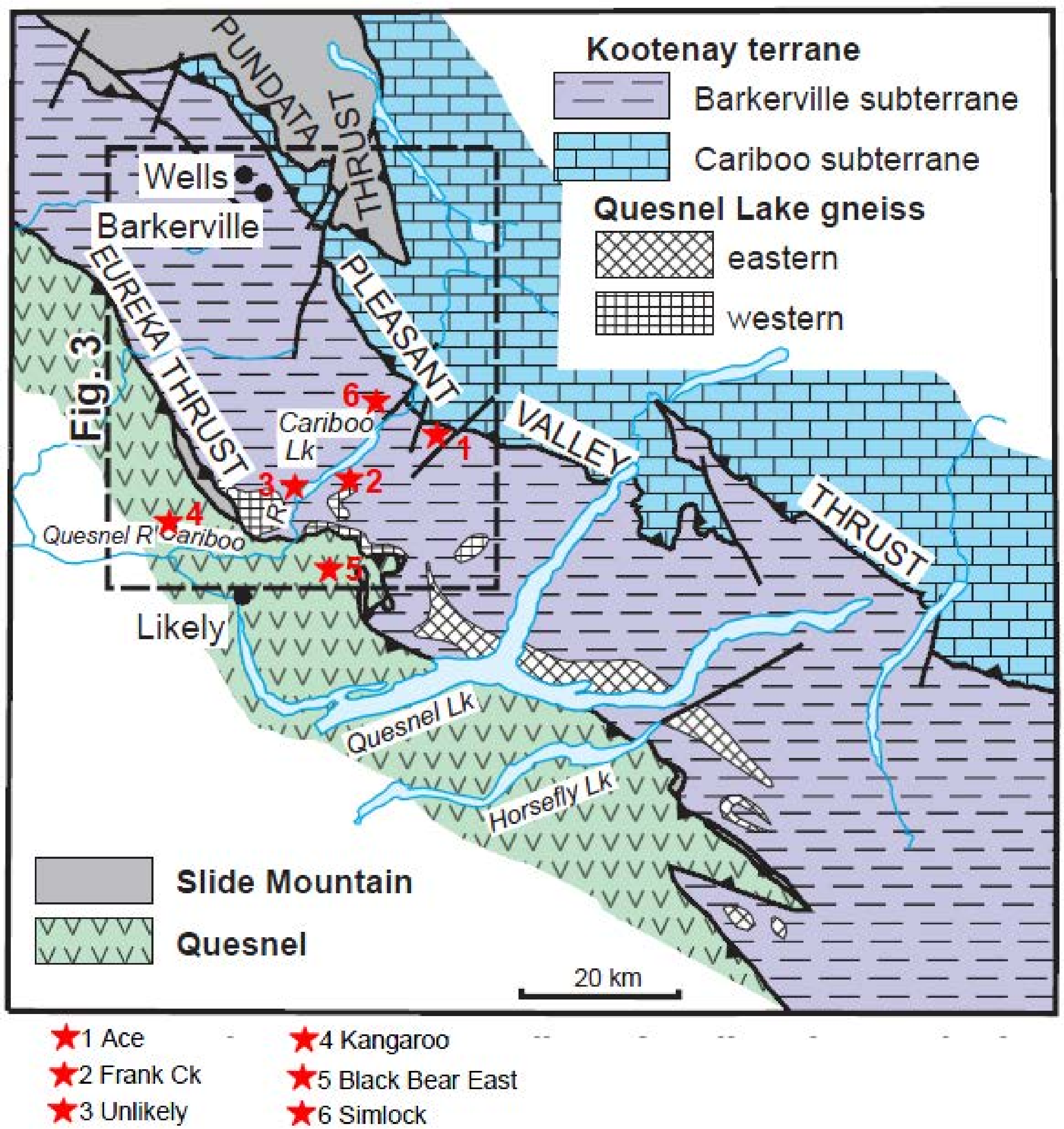


Figure No. 6 Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

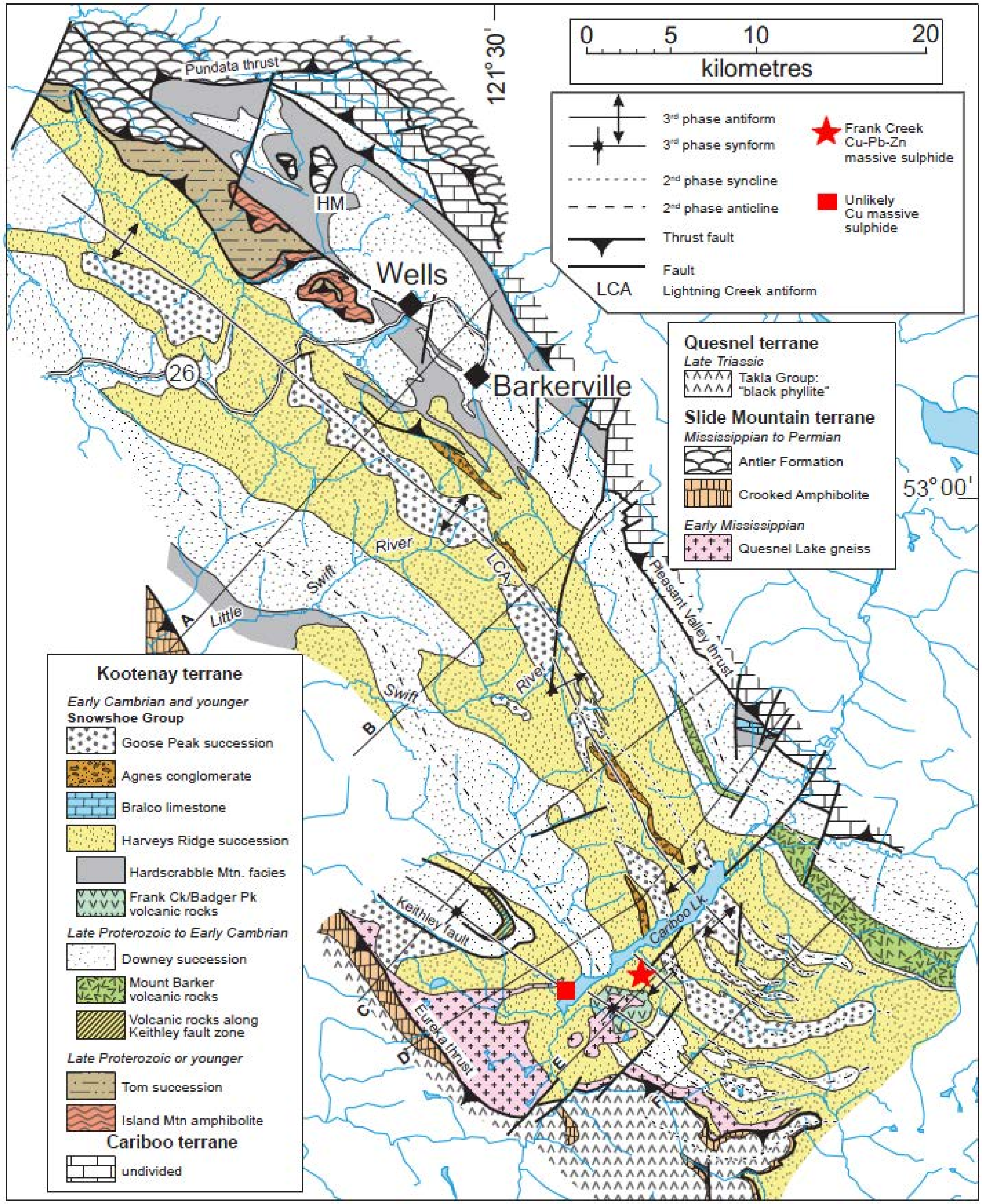


Figure No. 7 Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

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.

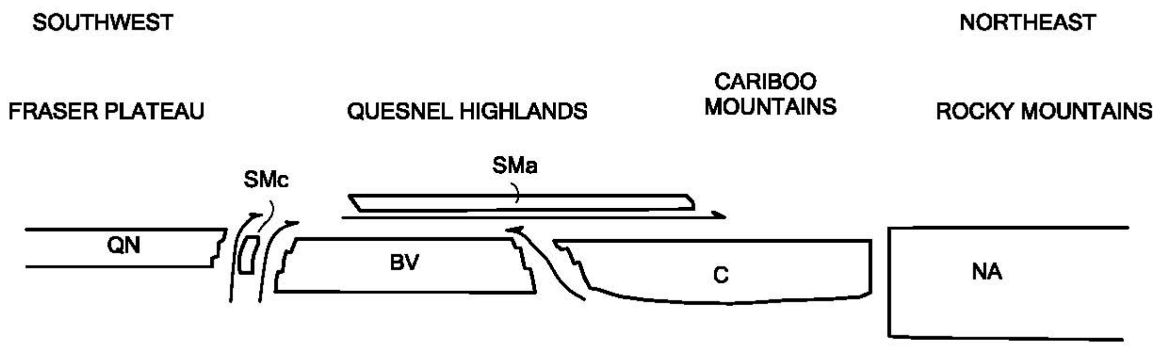


Figure No. 8 Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (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 volcaniclastic 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 volcaniclastic 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, 2016

8.1 Sampling Method and Approach

Rock samples were analyzed for multiple 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 C.

Most rock analyses were done at Barker Minerals’ field office in Likely. Coordinates were collected at all sample locations. The coordinates are provided in Table No. 1. 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. Quartz veins were also analyzed where they occurred. 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. Altogether, 204 geochemical analyses were made.

8.2 Economic Targets and Work Done

Rock sampling was done over sub-outcrops and float. The economic target is gold-bearing quartz veins. Previous geochemical surveys over Black Bear had determined Zn and Cu were the best pathfinder elements. In the current survey, poor correlation existed among the several potential pathfinder elements (Zn, Cu, As, Mo, Pb, Ag, Bi) and Au, though the pathfinder elements were spottily anomalous over a wide area. The rock samples were collected over a 1000 m x 500 m area. No obvious spatial zonation was evident. The highest Au results were from samples which included quartz veins. The results were thus:

Sample No.	Au (ppm)	
1463	10.18	and 107 ppm Zn
1475	9.98	and 589 ppm Cu
1505	11.19	and 593 ppm Cu
1525	10.51	
1544	9.19	

A possible correlation between Au and Cu is suggested but perhaps not reliably so.

9.0 CONCLUSIONS

Gold (9.19 to 11.19 ppm Au) occurred associated with quartz veins. There was no obvious spatial zonation I the occurrence of Au or pathfinder elements. A correlation coefficient between Au and pathfinder elements could not be determined, likely due to the small number of samples.

More intensive sampling and geological mapping are required to sort out the metals' occurrence, zonation and extent.

10.0 RECOMMENDATIONS

Systematic soil and rock sampling should be done over Black Bear East in the areas of quartz occurrences.

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.	*exemplī grātiā* (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.
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).

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.

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_2O plus K_2O) 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

Barker Minerals Ltd. Mineral Claims Details

Mineral Claim
Tenure Nos.

1038877
1038878
1038879
1038880
1038881
1038882

Barker Minerals Ltd. is the owner (100%) of all the claims.

Tenure No.	Status	Area (ha)
1038877	Good to 2017/SEP/15	4517.58
1038878	Good to 2017/SEP/15	1687.54
1038879	Good to 2017/SEP/15	4337.34
1038880	Good to 2017/SEP/15	549.50
1038881	Good to 2017/SEP/15	1412.36
1038882	Good to 2017/SEP/15	1177.51
	Total Area (ha)	**13,681.83**

Table No. 1 Mineral Claims.

APPENDIX C

Analytical Methods

<u>Overview of sample analysis using energy dispersive X-ray fluorescenc</u>
<u>using the Thermo Scientific Niton XL3t handheld XRF analyzer</u>

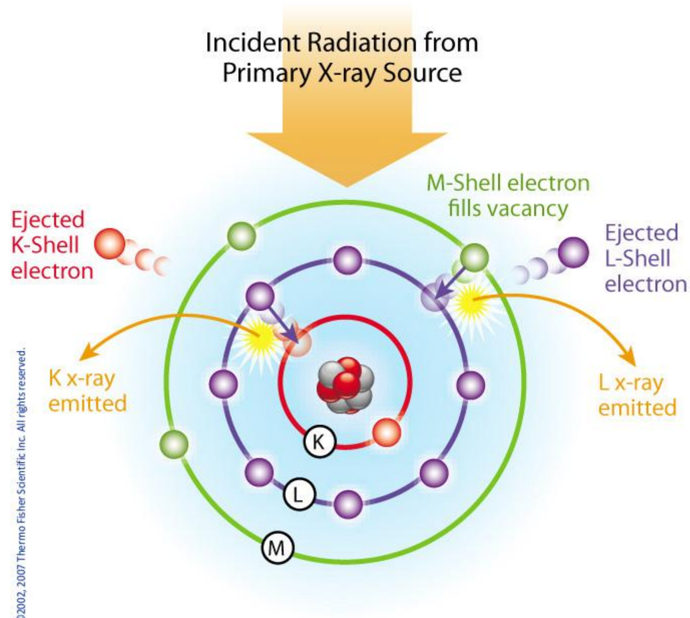
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

Up to 40 elements may be analyzed simultaneously by measuring the characterisitic 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

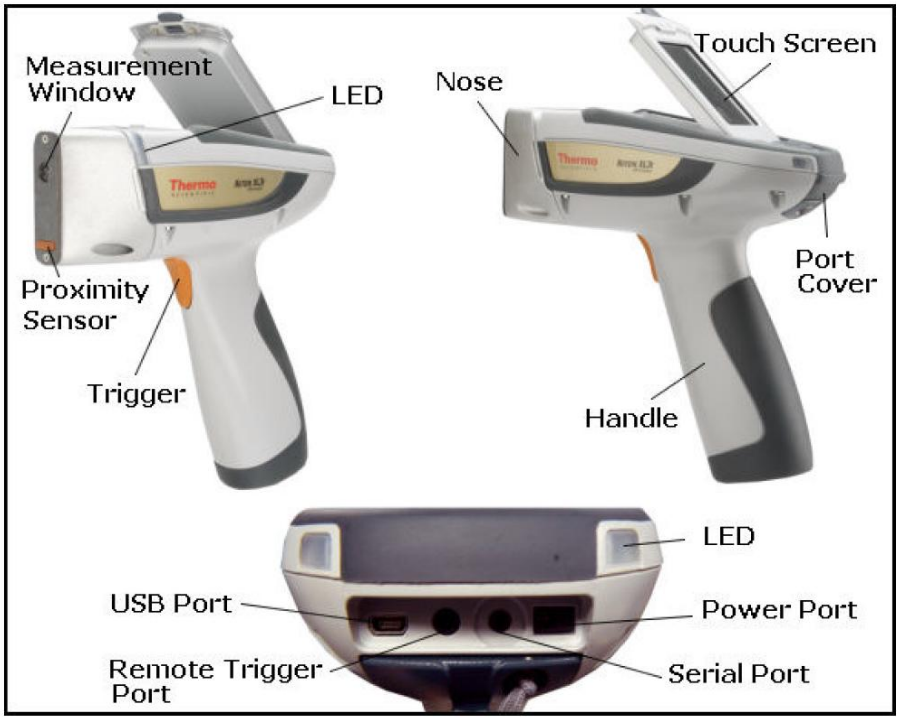
How does XRF work? Each of the elements present in a sample produces a unique set of characteristic x-rays that is a "fingerprint" for that specific element. XRF analyzers determine the chemistry of a sample by measuring the spectrum of the characteristic x-ray emitted by the different elements in the 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 D

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REFERENCES

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APPENDIX E

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.
5. I carried out or supervised work described in this report.

R. Turna
June 22, 2017

APPENDIX F

STATEMENT of EXPENDITURES

Barker Minerals Ltd.

Work was completed between May 30, 2016 and January 15, 2017

Work was done on claim # 1038881

Event # 5634986

Black Bear East Property - Geological - Office

Louis Doyle				
Planning, managing & interpretation	2	$ 600.00	$	1,200.00
Room & board	2	$ 150.00	$	300.00
Rein Turna - Geologist				
Report writing, maps and managing	5	$ 600.00	$	3,000.00
Room & board	5	$ 150.00	$	750.00
Colleen Doyle				
Report compilation and filing	1	$ 350.00	$	350.00
Room & board	1	$ 150.00	$	150.00
			$	**5,750.00**

Black Bear East Property - Geochemical - Field Days

	Date	Days	Rate	Subtotal	
Louis Doyle -					
Brush clearing for quad access	May 20, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 21, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 22, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 23, 2016	1	$ 600.00	$	600.00
Room & Board (day rate)		4	$ 150.00	$	600.00
Vehicle & gas (day rate)		4	$ 150.00	$	600.00
Brian Hall -					
Brush clearing for quad access	May 20, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 21, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 22, 2016	1	$ 600.00	$	600.00
Brush clearing for quad access	May 23, 2016	1	$ 600.00	$	600.00
Room & Board (day rate)		4	$ 150.00	$	600.00
Louis Doyle -					
Rock collection traverses	May 24, 2016	1	$ 600.00	$	600.00
Rock collection traverses	May 25, 2016	1	$ 600.00	$	600.00
Rock collection traverses	May 26, 2016	1	$ 600.00	$	600.00
Rock collection traverses	May 27, 2016	1	$ 600.00	$	600.00

Barker Minerals Ltd.

Work was completed between May 30, 2016 and January 15, 2017

Work was done on claim # 1038881

Event # 5634986

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

	Date	Days	Rate	Subtotal
Louis Doyle (continued)				
Rock collection traverses	May 28, 2016	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 collection traverses	May 24, 2016	1	$ 600.00	$ 600.00
Rock collection traverses	May 25, 2016	1	$ 600.00	$ 600.00
Rock collection traverses	May 26, 2016	1	$ 600.00	$ 600.00
Rock collection traverses	May 27, 2016	1	$ 600.00	$ 600.00
Rock collection traverses	May 28, 2016	1	$ 600.00	$ 600.00
Room & Board (day rate)		5	$ 150.00	$ 750.00
Louis Doyle - Sample prep & descriptions				
Rock sample preparation & description	December 1, 2016	1	$ 600.00	$ 600.00
Rock sample preparation & description	December 2, 2016	1	$ 600.00	$ 600.00
Room & Board (day rate)		2	$ 150.00	$ 300.00
Brian Hall - XRF operator				
XRF Analysis	December 1, 2016	1	$ 600.00	$ 600.00
XRF Analysis	December 2, 2016	1	$ 600.00	$ 600.00
XRF Analysis	December 3, 2016	1	$ 600.00	$ 600.00
Room & Board (day rate)		3	$ 150.00	$ 450.00
XRF rental		8	$ 200.00	$ 1,600.00
				$ 20,200.00

Black Bear East Property - Travel to/from

	Date	Days	Rate	Subtotal
Louis Doyle				
Travel to/from	May 19, 2016	1	$ 600.00	$ 600.00
Travel to/from	May 30, 2016	1	$ 600.00	$ 600.00
Room & Board (day rate)		2	$ 150.00	$ 300.00
Vehicle & gas (day rate)		2	$ 150.00	$ 300.00

Barker Minerals Ltd.

Work was completed between May 30, 2016 and January 15, 2017

Work was done on claim # 1038881

Event # 5634986

Black Bear East Property - Travel to/from (continued)

	Date	Days	Rate	Subtotal
Brian Hall				
Travel to/from	May 19, 2016	1	$ 600.00	$ 600.00
Travel to/from	May 30, 2016	1	$ 600.00	$ 600.00
Room & Board (day rate)		2	$ 150.00	$ 300.00
Vehicle & gas (day rate)		2	$ 150.00	$ 300.00
		Sub-total		**$ 3,600.00**

Black Bear East Property - Miscellaneous Expenditures

Exploration supplies & equipment

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

		Days	Rate	Subtotal
Exploration supplies & equipment				$ 590.00
Quad Rental		13	$ 100.00	$ 1,300.00
MTC rental		12	$ 150.00	$ 1,800.00
Communication devices	**Hand held radios**	9	$ 7.00	$ 63.00
	Satelite phones	9	$ 12.00	$ 108.00
	Spot emergency locators	9	$ 6.00	$ 54.00
		Sub-total		**$ 3,915.00**

Black Bear East Property Expenditure Summary

Geological - Office	**Sub-total**	**$ 5,750.00**
Geochemical - Field Days	**Sub-total**	**$ 20,200.00**
Travel to/from	**Sub-total**	**$ 3,600.00**
Misc. Expenditures	**Sub-total**	**$ 3,915.00**
	Total	**$ 33,465.00**

APPENDIX G

ROCK SAMPLE DESCRIPTIONS AND COORDINATES

Table No. 1

Sample Coordinates and Descriptions

XRF Target Features

1 = sample of main mass
2 = quartz vein
3 = sulphide bleb
4 = sulphide band
5 = rusty, altered
6 = other

Black Bear East Rock Sampling

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1436	bbe11.75km p-1	Fig. 11/A1	Rock	610119	5831683	1	green siltstone, fine grained		y
1437	bbe11.75km p-1a	Fig. 11/A1	Rock	610119	5831683	1	green siltstone, fine grained	float/sub OC	y
1438	bbe11.75km p-1b	Fig. 11/A1	Rock	610119	5831683	1	green siltstone, fine grained	float/sub OC	y
1439	bbe11.75km p-2	Fig. 11/A1	Rock	610165	5831715	1	green siltstone, fine grained	float/sub OC	y
1440	bbe11.75km p-2a	Fig. 11/A1	Rock	610165	5831715	1	green siltstone, fine grained	float/sub OC	y
1441	bbe11.75km p-2b	Fig. 11/A1	Rock	610165	5831715	1	green siltstone, fine grained	float/sub OC	y
1442	bbe11.75km p-3	Fig. 11/A1	Rock	610123	5831793	1	green siltstone, fine grained	float/sub OC	y
1443	bbe11.75km p-3a	Fig. 11/A1	Rock	610123	5831793	1	green siltstone, fine grained	float/sub OC	y
1444	bbe11.75km p-3b	Fig. 11/A1	Rock	610123	5831793	1	green siltstone, fine grained	float/sub OC	y
1445	bbe11.75km p-4	Fig. 11/A1	Rock	610170	5831836	1	mafic schist with magnetite	float/sub OC	y
1446	bbe11.75km p-4a	Fig. 11/A1	Rock	610170	5831836	1	mafic schist with magnetite	float/sub OC	y
1447	bbe11.75km p-4b	Fig. 11/A1	Rock	610170	5831836	1	mafic schist with magnetite	float/sub OC	y
1448	bbe11.75km p-5	Fig. 11/A1	Rock	610147	5831901	1	mafic schist with magnetite	float/sub OC	y
1449	bbe11.75km p-5a	Fig. 11/A1	Rock	610147	5831901	1	mafic schist with magnetite	float/sub OC	y
1450	bbe11.75km p-5b	Fig. 11/A1	Rock	610147	5831901	1	mafic schist with magnetite	float/sub OC	y
1451	bbe11.75km p-6	Fig. 11/A1	Rock	610168	5831608	1	mafic schist with magnetite	float/sub OC	y
1452	bbe11.75km p-6a	Fig. 11/A1	Rock	610168	5831608	1	mafic schist with magnetite	float/sub OC	y
1453	bbe11.75km p-6b	Fig. 11/A1	Rock	610168	5831608	1	mafic schist with magnetite	float/sub OC	N
1454	bbe11.75km p-7	Fig. 11/A1	Rock	610130	5831582	1	mafic schist with minor qv	float/sub OC	N
1455	bbe11.75km p-7a	Fig. 11/A1	Rock	610130	5831582	1	mafic schist with minor qv	float/sub OC	N
1456	bbe11.75km p-7b	Fig. 11/A1	Rock	610130	5831582	1	mafic schist with minor qv	float/sub OC	N
1457	bbe11.75km p-8	Fig. 11/A1	Rock	610164	5831528	1	mafic schist with minor qv	float/sub OC	N
1458	bbe11.75km p-8a	Fig. 11/A1	Rock	610164	5831528	1	mafic schist with minor qv	float/sub OC	N
1459	bbe11.75km p-8b	Fig. 11/A1	Rock	610164	5831528	1	mafic schist with minor qv	float/sub OC	N
1460	bbe11.75km p-9	Fig. 11/A1	Rock	610177	5831474	1	mafic schist with minor qv	float/sub OC	N
1461	bbe11.75km p-9a	Fig. 11/A1	Rock	610177	5831474	1	mafic schist with minor qv	float/sub OC	N
1462	bbe11.75km p-9b	Fig. 11/A1	Rock	610177	5831474	1	mafic schist with minor qv	float/sub OC	N

Table No. 1

Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1463	bbe11.75km p-10	Fig. 11/A1	Rock	610165	5831414	1	mafic schist with minor qv	float/sub OC	N
1464	bbe11.75km p-10a	Fig. 11/A1	Rock	610165	5831414	1	mafic schist with minor qv	float/sub OC	N
1465	bbe11.75km p-10b	Fig. 11/A1	Rock	610165	5831414	1	mafic schist with minor qv	float/sub OC	N
1466	bbe11.75km p-11	Fig. 11/A1	Rock	610113	5831397	1	qv barren white quartz with vugs	float/sub OC	N
1467	bbe11.75km p-11a	Fig. 11/A1	Rock	610113	5831397	1	qv barren white quartz with vugs	float/sub OC	N
1468	bbe11.75km p-11b	Fig. 11/A1	Rock	610113	5831397	1	qv barren white quartz with vugs	float/sub OC	N
1469	bbe11.75kp-12	Fig. 11/A1	Rock	610269	5831597	1	qv barren white quartz with vugs	float/sub OC	N
1470	bbe11.75kp-12a	Fig. 11/A1	Rock	610269	5831597	1	qv barren white quartz with vugs	float/sub OC	N
1471	bbe11.75kp-12b	Fig. 11/A1	Rock	610269	5831597	1	qv barren white quartz with vugs	float/sub OC	N
1472	bbe11.75kp-13	Fig. 11/A1	Rock	610308	5831557	1	qv barren white quartz with vugs	float/sub OC	N
1473	bbe11.75kp-13a	Fig. 11/A1	Rock	610308	5831557	1	qv barren white quartz with vugs	float/sub OC	N
1474	bbe11.75kp-13b	Fig. 11/A1	Rock	610308	5831557	1	qv barren white quartz with vugs	float/sub OC	N
1475	bbe11.75kp-14	Fig. 11/A1	Rock	610302	5831488	1	mafic schist with minor qv	float/sub OC	N
1476	bbe11.75kp-14a	Fig. 11/A1	Rock	610302	5831488	1	mafic schist with minor qv	float/sub OC	N
1477	bbe11.75kp-14b	Fig. 11/A1	Rock	610302	5831488	1	mafic schist with minor qv	float/sub OC	N
1478	bbe11.75kp-15	Fig. 11/A1	Rock	610312	5831431	1	mafic schist with minor qv	float/sub OC	N
1479	bbe11.75kp-15a	Fig. 11/A1	Rock	610312	5831431	1	mafic schist with minor qv	float/sub OC	N
1480	bbe11.75kp-15b	Fig. 11/A1	Rock	610312	5831431	1	mafic schist with minor qv	float/sub OC	N
1481	bbe11.75kp-16	Fig. 11/A1	Rock	610256	5831484	1	mafic schist with minor qv	float/sub OC	N
1482	bbe11.75kp-16a	Fig. 11/A1	Rock	610256	5831484	1	mafic schist with minor qv	float/sub OC	N
1483	bbe11.75kp-16b	Fig. 11/A1	Rock	610256	5831484	1	mafic schist with minor qv	float/sub OC	N
1484	bbe11.75kp-17	Fig. 11/A1	Rock	610237	5831633	1	green siltstone, fine grained	float/sub OC	y
1485	bbe11.75kp-17a	Fig. 11/A1	Rock	610237	5831633	1	green siltstone, fine grained	float/sub OC	y
1486	bbe11.75kp-17b	Fig. 11/A1	Rock	610237	5831633	1	green siltstone, fine grained	float/sub OC	y
1487	bbe11.75kp-18	Fig. 11/A1	Rock	610269	5831707	1	green siltstone, fine grained	float/sub OC	y
1488	bbe11.75kp-18a	Fig. 11/A1	Rock	610269	5831707	1	green siltstone, fine grained	float/sub OC	y
1489	bbe11.75kp-18b	Fig. 11/A1	Rock	610269	5831707	1	green siltstone, fine grained	float/sub OC	y
1490	bbe11.75kp-19	Fig. 11/A1	Rock	610281	5831764	1	green siltstone, fine grained	float/sub OC	y
1491	bbe11.75kp-19a	Fig. 11/A1	Rock	610281	5831764	1	green siltstone, fine grained	float/sub OC	y
1492	bbe11.75kp-19b	Fig. 11/A1	Rock	610281	5831764	1	green siltstone, fine grained	float/sub OC	y
1493	bbe11.75kp-20	Fig. 11/A1	Rock	610275	5831832	1	altered green schist, oxidized	float/sub OC	N
1494	bbe11.75kp-20a	Fig. 11/A1	Rock	610275	5831832	1	altered green schist, oxidized	float/sub OC	N
1495	bbe11.75kp-20b	Fig. 11/A1	Rock	610275	5831832	1	altered green schist, oxidized	float/sub OC	N
1496	bbe11.75kp-21	Fig. 11/A1	Rock	610269	5831910	1	altered green schist, oxidized	float/sub OC	N

Table No. 1
Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1497	bbe11.75kp-21a	Fig. 11/A1	Rock	610269	5831910	1	altered green schist, oxidized	float/sub OC	N
1498	bbe11.75kp-21b	Fig. 11/A1	Rock	610269	5831910	1	altered green schist, oxidized	float/sub OC	N
1499	bbe11.75kp-22	Fig. 11/A1	Rock	610245	5831785	1	green siltstone, fine grained	float/sub OC	y
1500	bbe11.75kp-22a	Fig. 11/A1	Rock	610245	5831785	1	green siltstone, fine grained	float/sub OC	y
1501	bbe11.75kp-22b	Fig. 11/A1	Rock	610245	5831785	1	green siltstone, fine grained	float/sub OC	y
1502	bbe11.75kp-23	Fig. 12/A2	Rock	610376	5831667	1	green siltstone, fine grained	float/sub OC	y
1503	bbe11.75kp-23a	Fig. 12/A2	Rock	610376	5831667	1	green siltstone, fine grained	float/sub OC	y
1504	bbe11.75kp-23b	Fig. 12/A2	Rock	610376	5831667	1	green siltstone, fine grained	float/sub OC	y
1505	bbe11.75kp-24	Fig. 12/A2	Rock	610360	5831645	1	mafic schist with minor qv	float/sub OC	N
1506	bbe11.75kp-24a	Fig. 12/A2	Rock	610360	5831645	1	mafic schist with minor qv	float/sub OC	N
1507	bbe11.75kp-24b	Fig. 12/A2	Rock	610360	5831645	1	mafic schist with minor qv	float/sub OC	N
1508	bbe11.75kp-25	Fig. 12/A2	Rock	610383	5831613	1	mafic schist with minor qv	float/sub OC	N
1509	bbe11.75kp-25a	Fig. 12/A2	Rock	610383	5831613	1	mafic schist with minor qv	float/sub OC	N
1510	bbe11.75kp-25b	Fig. 12/A2	Rock	610383	5831613	1	mafic schist with minor qv	float/sub OC	N
1511	bbe11.75kp-26	Fig. 12/A2	Rock	610376	5831582	1	altered green schist, oxidized	float/sub OC	N
1512	bbe11.75kp-26a	Fig. 12/A2	Rock	610376	5831582	1	altered green schist, oxidized	float/sub OC	N
1513	bbe11.75kp-26b	Fig. 12/A2	Rock	610376	5831582	1	altered green schist, oxidized	float/sub OC	N
1514	bbe11.75kp-27	Fig. 12/A2	Rock	610420	5831562	1	altered green schist, oxidized	float/sub OC	N
1515	bbe11.75kp-27a	Fig. 12/A2	Rock	610420	5831562	1	altered green schist, oxidized	float/sub OC	N
1516	bbe11.75kp-27b	Fig. 12/A2	Rock	610420	5831562	1	altered green schist, oxidized	float/sub OC	N
1517	bbe11.75kp-28	Fig. 12/A2	Rock	610426	5831532	1	mafic schist with magnetite	float/sub OC	y
1518	bbe11.75kp-28a	Fig. 12/A2	Rock	610426	5831532	1	mafic schist with magnetite	float/sub OC	y
1519	bbe11.75kp-28b	Fig. 12/A2	Rock	610426	5831532	1	mafic schist with magnetite	float/sub OC	y
1520	bbe11.75kp-29	Fig. 12/A2	Rock	610384	5831737	1	mafic schist with magnetite	float/sub OC	y
1521	bbe11.75kp-29a	Fig. 12/A2	Rock	610384	5831737	1	mafic schist with magnetite	float/sub OC	y
1522	bbe11.75kp-29b	Fig. 12/A2	Rock	610384	5831737	1	mafic schist with magnetite	float/sub OC	y
1523	bbe11.75kp-30	Fig. 12/A2	Rock	610354	5831756	1	mafic schist with magnetite	float/sub OC	y
1524	bbe11.75kp-30a	Fig. 12/A2	Rock	610354	5831756	1	mafic schist with magnetite	float/sub OC	y
1525	bbe11.75kp-30b	Fig. 12/A2	Rock	610354	5831756	1	mafic schist with magnetite	float/sub OC	y
1526	bbe11.75kp-24	Fig. 12/A2	Rock	610365	5831820	1	mafic schist with magnetite	float/sub OC	y
1527	bbe11.75kp-24a	Fig. 12/A2	Rock	610365	5831820	1	mafic schist with magnetite	float/sub OC	y
1528	bbe11.75kp-24b	Fig. 12/A2	Rock	610365	5831820	1	mafic schist with magnetite	float/sub OC	y
1529	bbe11.75kp-25	Fig. 12/A2	Rock	610359	5831878	1	mafic schist with magnetite	float/sub OC	y
1530	bbe11.75kp-25a	Fig. 12/A2	Rock	610359	5831878	1	mafic schist with magnetite	float/sub OC	y

Table No. 1
Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1531	bbe11.75kp-25b	Fig. 12/A2	Rock	610359	5831878	1	mafic schist with magnetite	float/sub OC	y
1532	bbe11.75kp-26	Fig. 12/A2	Rock	610369	5831944	1	mafic schist with magnetite	float/sub OC	y
1533	bbe11.75kp-26a	Fig. 12/A2	Rock	610369	5831944	1	mafic schist with magnetite	float/sub OC	y
1534	bbe11.75kp-26b	Fig. 12/A2	Rock	610369	5831944	1	mafic schist with magnetite	float/sub OC	y
1535	bbe11.75kp-27	Fig. 12/A2	Rock	610334	5831802	1	mafic schist with magnetite	float/sub OC	y
1536	bbe11.75kp-27a	Fig. 12/A2	Rock	610334	5831802	1	mafic schist with magnetite	float/sub OC	y
1537	bbe11.75kp-27b	Fig. 12/A2	Rock	610334	5831802	1	mafic schist with magnetite	float/sub OC	y
1538	bbe11.75kp-35	Fig. 12/A2	Rock	610462	5831696	1	qv barren white quartz with vugs	float/sub OC	N
1539	bbe11.75kp-35a	Fig. 12/A2	Rock	610462	5831696	1	qv barren white quartz with vugs	float/sub OC	N
1540	bbe11.75kp-35b	Fig. 12/A2	Rock	610462	5831696	1	qv barren white quartz with vugs	float/sub OC	N
1541	bbe11.75kp-36	Fig. 12/A2	Rock	610461	5831642	1	altered green schist, oxidized	float/sub OC	N
1542	bbe11.75kp-36a	Fig. 12/A2	Rock	610461	5831642	1	altered green schist, oxidized	float/sub OC	N
1543	bbe11.75kp-36b	Fig. 12/A2	Rock	610461	5831642	1	altered green schist, oxidized	float/sub OC	N
1544	bbe11.75kp-37	Fig. 12/A2	Rock	610474	5831612	1	altered green schist, oxidized	float/sub OC	N
1545	bbe11.75kp-37a	Fig. 12/A2	Rock	610474	5831612	1	altered green schist, oxidized	float/sub OC	N
1546	bbe11.75kp-37b	Fig. 12/A2	Rock	610474	5831612	1	altered green schist, oxidized	float/sub OC	N
1547	bbe11.75kp-38	Fig. 12/A2	Rock	610497	5831577	1	mafic schist with magnetite	float/sub OC	y
1548	bbe11.75kp-38a	Fig. 12/A2	Rock	610497	5831577	1	mafic schist with magnetite	float/sub OC	y
1549	bbe11.75kp-38b	Fig. 12/A2	Rock	610497	5831577	1	mafic schist with magnetite	float/sub OC	y
1550	bbe11.75kp-39	Fig. 12/A2	Rock	610516	5831638	1	qv barren white quartz with vugs	float/sub OC	N
1551	bbe11.75kp-39a	Fig. 12/A2	Rock	610516	5831638	1	qv barren white quartz with vugs	float/sub OC	N
1552	bbe11.75kp-39b	Fig. 12/A2	Rock	610516	5831638	1	qv barren white quartz with vugs	float/sub OC	N
1553	bbe11.75kp-40	Fig. 12/A2	Rock	610498	5831695	1	green siltstone, fine grained	float/sub OC	y
1554	bbe11.75kp-40a	Fig. 12/A2	Rock	610498	5831695	1	green siltstone, fine grained	float/sub OC	y
1555	bbe11.75kp-40b	Fig. 12/A2	Rock	610498	5831695	1	green siltstone, fine grained	float/sub OC	y
1556	bbe11.75kp-41	Fig. 12/A2	Rock	610470	5831772	1	qv barren white quartz with vugs	float/sub OC	N
1557	bbe11.75kp-41a	Fig. 12/A2	Rock	610470	5831772	1	qv barren white quartz with vugs	float/sub OC	N
1558	bbe11.75kp-41b	Fig. 12/A2	Rock	610470	5831772	1	qv barren white quartz with vugs	float/sub OC	N
1559	bbe11.75kp-42	Fig. 12/A2	Rock	610444	5831813	1	green siltstone, fine grained	float/sub OC	y
1560	bbe11.75kp-42a	Fig. 12/A2	Rock	610444	5831813	1	green siltstone, fine grained	float/sub OC	y
1561	bbe11.75kp-42b	Fig. 12/A2	Rock	610444	5831813	1	green siltstone, fine grained	float/sub OC	y
1562	bbe11.75kp-43	Fig. 12/A2	Rock	610462	5831871	1	qv barren white quartz with vugs	float/sub OC	N
1563	bbe11.75kp-43a	Fig. 12/A2	Rock	610462	5831871	1	qv barren white quartz with vugs	float/sub OC	N
1564	bbe11.75kp-43b	Fig. 12/A2	Rock	610462	5831871	1	qv barren white quartz with vugs	float/sub OC	N

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Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1565	bbe11.75kp-44	Fig. 12/A2	Rock	610444	5831907	1	qv barren white quartz with vugs	float/sub OC	N
1566	bbe11.75kp-44a	Fig. 12/A2	Rock	610444	5831907	1	qv barren white quartz with vugs	float/sub OC	N
1567	bbe11.75kp-44b	Fig. 12/A2	Rock	610444	5831907	1	qv barren white quartz with vugs	float/sub OC	N
1568	bbe11.75kp-45	Fig. 12/A2	Rock	610418	5831928	1	altered green schist, oxidized	float/sub OC	N
1569	bbe11.75kp-45a	Fig. 12/A2	Rock	610418	5831928	1	altered green schist, oxidized	float/sub OC	N
1570	bbe11.75kp-45b	Fig. 12/A2	Rock	610418	5831928	1	altered green schist, oxidized	float/sub OC	N
1571	bbe11.75kp-46	Fig. 12/A2	Rock	610425	5831857	1	qv barren white quartz with vugs	float/sub OC	N
1572	bbe11.75kp-46a	Fig. 12/A2	Rock	610425	5831857	1	qv barren white quartz with vugs	float/sub OC	N
1573	bbe11.75kp-46b	Fig. 12/A2	Rock	610425	5831857	1	qv barren white quartz with vugs	float/sub OC	N
1574	bbe11.75kp-47	Fig. 12/A2	Rock	610434	5831764	1	altered green schist, oxidized	float/sub OC	N
1575	bbe11.75kp-47a	Fig. 12/A2	Rock	610434	5831764	1	altered green schist, oxidized	float/sub OC	N
1576	bbe11.75kp-47b	Fig. 12/A2	Rock	610434	5831764	1	altered green schist, oxidized	float/sub OC	N
1577	bbe11.75kp-48	Fig. 12/A2	Rock	610522	5831803	1	qv barren white quartz with vugs	float/sub OC	N
1578	bbe11.75kp-48a	Fig. 12/A2	Rock	610522	5831803	1	qv barren white quartz with vugs	float/sub OC	N
1579	bbe11.75kp-48b	Fig. 12/A2	Rock	610522	5831803	1	qv barren white quartz with vugs	float/sub OC	N
1580	bbe11.75kp-49	Fig. 12/A2	Rock	610524	5831852	1	qv barren white quartz with vugs	float/sub OC	N
1581	bbe11.75kp-49a	Fig. 12/A2	Rock	610524	5831852	1	qv barren white quartz with vugs	float/sub OC	N
1582	bbe11.75kp-49b	Fig. 12/A2	Rock	610524	5831852	1	qv barren white quartz with vugs	float/sub OC	N
1583	bbe11.75kp-50	Fig. 12/A2	Rock	610517	5831891	1	altered green schist, oxidized	float/sub OC	N
1584	bbe11.75kp-50a	Fig. 12/A2	Rock	610517	5831891	1	altered green schist, oxidized	float/sub OC	N
1585	bbe11.75kp-50b	Fig. 12/A2	Rock	610517	5831891	1	altered green schist, oxidized	float/sub OC	N
1586	bbe11.75kp-51	Fig. 12/A2	Rock	610528	5831937	1	qv barren white quartz with vugs	float/sub OC	N
1587	bbe11.75kp-51a	Fig. 12/A2	Rock	610528	5831937	1	qv barren white quartz with vugs	float/sub OC	N
1588	bbe11.75kp-51b	Fig. 12/A2	Rock	610528	5831937	1	qv barren white quartz with vugs	float/sub OC	N
1589	bbe11.75kp-52	Fig. 12/A2	Rock	610497	5831975	1	mafic schist with magnetite	float/sub OC	y
1590	bbe11.75kp-52a	Fig. 12/A2	Rock	610497	5831975	1	mafic schist with magnetite	float/sub OC	y
1591	bbe11.75kp-52b	Fig. 12/A2	Rock	610497	5831975	1	mafic schist with magnetite	float/sub OC	y
1592	bbe11.75kp-53	Fig. 12/A2	Rock	610496	5831892	1	mafic schist with magnetite	float/sub OC	y
1593	bbe11.75kp-53a	Fig. 12/A2	Rock	610496	5831892	1	mafic schist with magnetite	float/sub OC	y
1594	bbe11.75kp-53b	Fig. 12/A2	Rock	610496	5831892	1	mafic schist with magnetite	float/sub OC	y
1595	bbe11.75kp-54	Fig. 12/A2	Rock	610502	5831842	1	mafic schist with magnetite	float/sub OC	y
1596	bbe11.75kp-54a	Fig. 12/A2	Rock	610502	5831842	1	mafic schist with magnetite	float/sub OC	y
1597	bbe11.75kp-54b	Fig. 12/A2	Rock	610502	5831842	1	mafic schist with magnetite	float/sub OC	y
1598	bbe11.75kp-55	Fig. 12/A2	Rock	610540	5831743	1	green siltstone, fine grained	float/sub OC	y

Table No. 1
Sample Coordinates and Descriptions

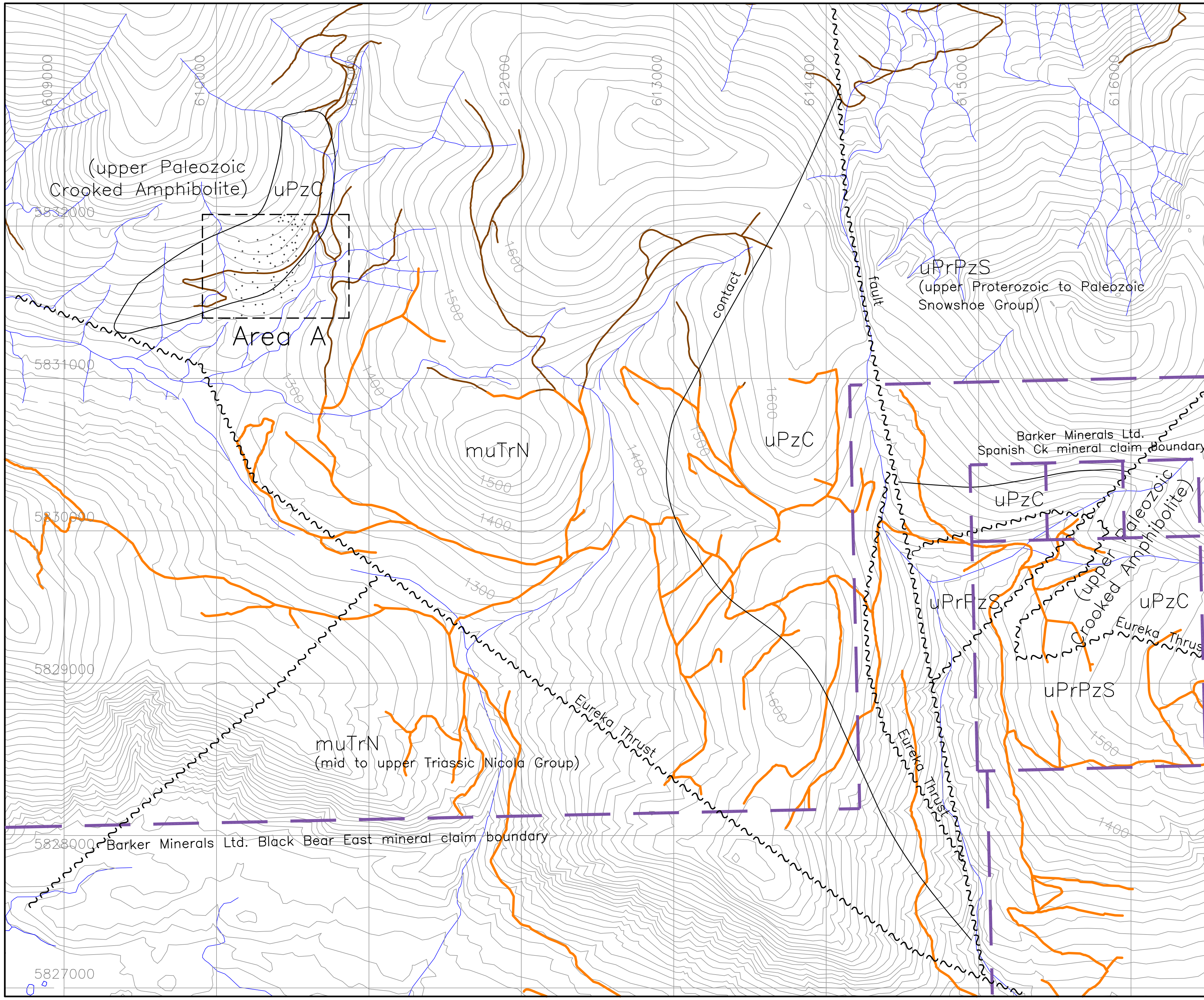
XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1599	bbe11.75kp-55a	Fig. 12/A2	Rock	610540	5831743	1	green siltstone, fine grained	float/sub OC	y
1600	bbe11.75kp-55b	Fig. 12/A2	Rock	610540	5831743	1	green siltstone, fine grained	float/sub OC	y
1601	bbe abr-56	Fig. 12/A2	Rock	610561	5831977	1	mafic schist with magnetite	float/sub OC	y
1602	bbe abr-56a	Fig. 12/A2	Rock	610561	5831977	1	mafic schist with magnetite	float/sub OC	y
1603	bbe abr-56b	Fig. 12/A2	Rock	610561	5831977	1	mafic schist with magnetite	float/sub OC	y
1604	bbe abr-57	Fig. 12/A2	Rock	610533	5831997	1	qv barren white quartz with vugs	float/sub OC	N
1605	bbe abr-57a	Fig. 12/A2	Rock	610533	5831997	1	qv barren white quartz with vugs	float/sub OC	N
1606	bbe abr-57b	Fig. 12/A2	Rock	610533	5831997	1	qv barren white quartz with vugs	float/sub OC	N
1607	bbe abr-58	Fig. 12/A2	Rock	610517	5832012	1	mafic schist with magnetite	float/sub OC	y
1608	bbe abr-58a	Fig. 12/A2	Rock	610517	5832012	1	mafic schist with magnetite	float/sub OC	y
1609	bbe abr-58b	Fig. 12/A2	Rock	610517	5832012	1	mafic schist with magnetite	float/sub OC	y
1610	bbe abr-59	Fig. 12/A2	Rock	610496	5832010	1	mafic schist with magnetite	float/sub OC	y
1611	bbe abr-59a	Fig. 12/A2	Rock	610496	5832010	1	mafic schist with magnetite	float/sub OC	y
1612	bbe abr-59b	Fig. 12/A2	Rock	610496	5832010	1	mafic schist with magnetite	float/sub OC	y
1613	bbe abr-60	Fig. 12/A2	Rock	610472	5832028	1	altered green schist, oxidized	float/sub OC	N
1614	bbe abr-60a	Fig. 12/A2	Rock	610472	5832028	1	altered green schist, oxidized	float/sub OC	N
1615	bbe abr-60b	Fig. 12/A2	Rock	610472	5832028	1	altered green schist, oxidized	float/sub OC	N
1616	bbe abr-61	Fig. 12/A2	Rock	610435	5832035	1	green siltstone, fine grained	float/sub OC	y
1617	bbe abr-61a	Fig. 12/A2	Rock	610435	5832035	1	green siltstone, fine grained	float/sub OC	y
1618	bbe abr-61b	Fig. 12/A2	Rock	610435	5832035	1	green siltstone, fine grained	float/sub OC	y
1619	bbe abr-62	Fig. 12/A2	Rock	610408	5832030	1	green siltstone, fine grained	float/sub OC	y
1620	bbe abr-62a	Fig. 12/A2	Rock	610408	5832030	1	green siltstone, fine grained	float/sub OC	y
1621	bbe abr-62b	Fig. 12/A2	Rock	610408	5832030	1	green siltstone, fine grained	float/sub OC	y
1622	bbe abr-63	Fig. 12/A2	Rock	610420	5832056	1	mafic schist with magnetite	float/sub OC	y
1623	bbe abr-63a	Fig. 12/A2	Rock	610420	5832056	1	mafic schist with magnetite	float/sub OC	y
1624	bbe abr-63b	Fig. 12/A2	Rock	610420	5832056	1	mafic schist with magnetite	float/sub OC	y
1625	bbe abr-64	Fig. 12/A2	Rock	610445	5832071	1	qv barren white quartz with vugs	float/sub OC	N
1626	bbe abr-64a	Fig. 12/A2	Rock	610445	5832071	1	qv barren white quartz with vugs	float/sub OC	N
1627	bbe abr-64b	Fig. 12/A2	Rock	610445	5832071	1	qv barren white quartz with vugs	float/sub OC	N
1628	bbe abr-65	Fig. 12/A2	Rock	610491	5832063	1	green siltstone, fine grained	float/sub OC	y
1629	bbe abr-65a	Fig. 12/A2	Rock	610491	5832063	1	green siltstone, fine grained	float/sub OC	y
1630	bbe abr-65b	Fig. 12/A2	Rock	610491	5832063	1	green siltstone, fine grained	float/sub OC	y
1631	bbe abr-66	Fig. 12/A2	Rock	610511	5832043	1	green siltstone, fine grained	float/sub OC	y
1632	bbe abr-66a	Fig. 12/A2	Rock	610511	5832043	1	green siltstone, fine grained	float/sub OC	y

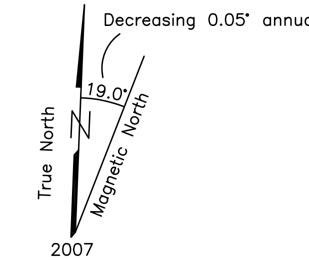
Table No. 1
Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting	Northing	XRF Target and Description			Magnetic
1633	bbe abr-66b	Fig. 12/A2	Rock	610511	5832043	1	green siltstone, fine grained	float/sub OC	y
1634	bbe abr-67	Fig. 12/A2	Rock	610563	5832041	1	mafic schist with magnetite	float/sub OC	y
1635	bbe abr-67a	Fig. 12/A2	Rock	610563	5832041	1	mafic schist with magnetite	float/sub OC	y
1636	bbe abr-67b	Fig. 12/A2	Rock	610563	5832041	1	mafic schist with magnetite	float/sub OC	y
1637	bbe abr-68	Fig. 12/A2	Rock	610579	5832012	1	mafic schist with magnetite	float/sub OC	y
1638	bbe abr-68a	Fig. 12/A2	Rock	610579	5832012	1	mafic schist with magnetite	float/sub OC	y
1639	bbe abr-68b	Fig. 12/A2	Rock	610579	5832012	1	mafic schist with magnetite	float/sub OC	y

APPENDIX H

Black Bear East Property
Maps and XRF Data Tables





UTM Coordinate System
Map Datum: NAD 83, Zone 10

For Area A, see Figure No. 10

LEGEND

Topographic Contour & Elevation
Contour interval 20 metres

Creek

Road, quad trail, trail, reclaimed

· 2017 Sample Site

Note: Geology by B.C. Geological Survey, 2005.

Scale 1:30,000
metres
0 300 600 900 1200 1500

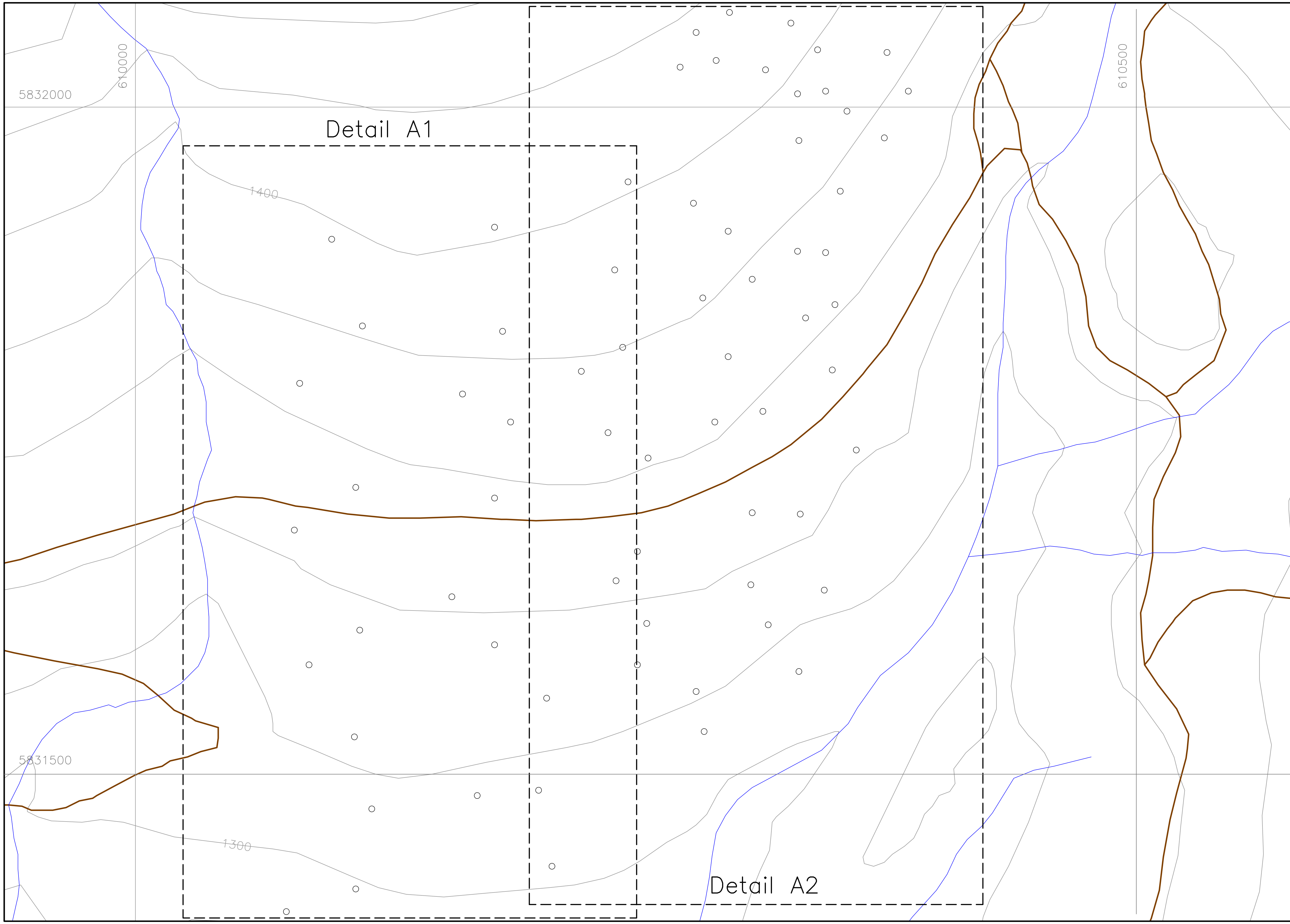
BARKER MINERALS LTD.

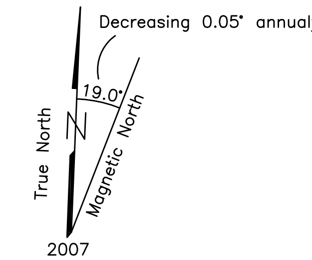
BLACK BEAR EAST PROPERTY

Keymap of Area A

Cariboo Mining Division, B.C.

NTS Map: 93A/11	Date: Jun. 20, 2017
	Fig.No. 9





UTM Coordinate System
Map Datum: NAD 83, Zone 10

For Detail A1, see Figure No. 11
For Detail A2, see Figure No. 12

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Road, quad trail, trail, reclaimed

2017 Sample Site

Creek

Scale 1:5,000
metres
0 100 200 300

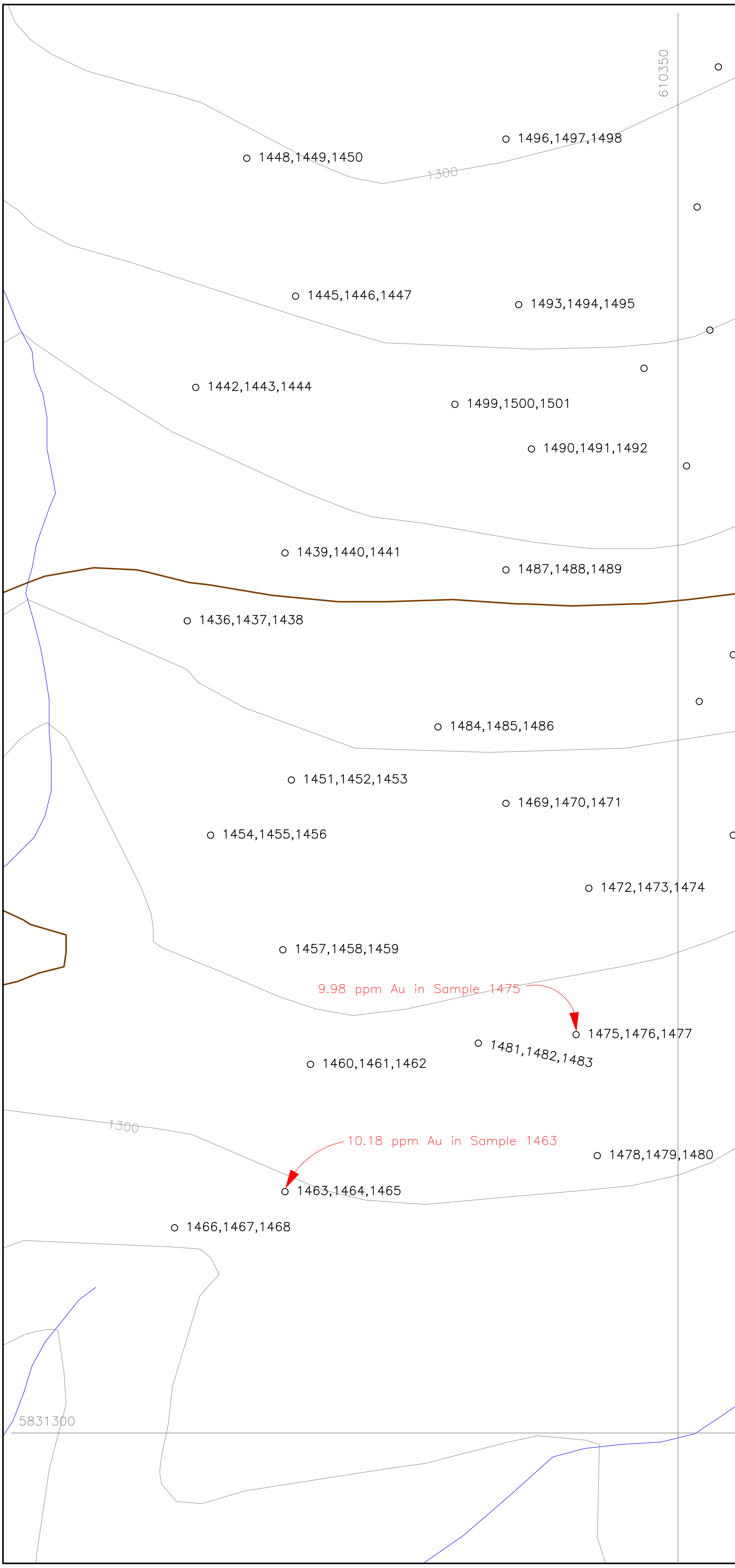
BARKER MINERALS LTD.

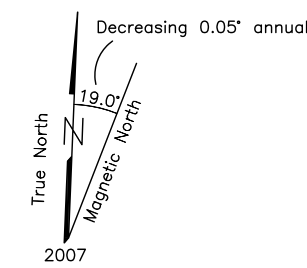
BLACK BEAR EAST PROPERTY

Area A
Keymap of Details A1 and A2

Cariboo Mining Division, B.C.

NTS Map: 93A/11	Date: Jun 20, 2017
	Fig.No. 10





UTM Coordinate System
Map Datum: NAD 83, Zone 10

Black Bear East Rock Samples
XRF Results (ppm)

XRF No.	Zn	Cu	Au
1436	78		
1437	32		
1438	85		
1439	41		
1440	145		
1441	59		
1442	52		
1443	91		
1444	32		
1445	26	50	
1446	58	36	
1447	37		
1448	46	135	
1449	62	35	
1450	48	32	
1451	30	36	
1452	35	43	
1453	81	39	
1454	60	34	
1455	67	31	
1456	42		
1457	18	42	
1458	75	29	
1459	72		
1460	54	19	
1461	77	26	
1462	36		
1463	107	23	10.18
1464	86	51	
1465	25	32	
1466	39		
1467	47	39	
1468	71		
1469			
1470	62		
1471	93		
1472	39		
1473	43	39	
1474	99		
1475	36	589	9.98
1476	87		
1477	114		
1478	124		
1479	119		
1480	59	36	
1481	115	40	
1482	152		
1483	86	39	
1484	99		
1485	97	26	
1486	74	35	
1487	51	69	
1488	47	22	
1489	75	47	
1490	94	27	
1491	92		
1492	82		
1493	93		
1494	64	49	
1495	87		
1496	107	58	
1497	81	39	
1498	33	65	
1499	72	30	
1500	70	43	
1501	35	9778	

Samples with Au detected are coloured red.
Results over 100 ppm marked in red.
Results below level of detection not shown

LEGEND

1000 — Topographic Contour & Elevation
Contour interval 20 metres

Road, quad trail, trail, reclaimed

o 1460 Rock sample location and number

See Table No. 2 for XRF results.

Scale 1:2,000
metres
0 20 40 60 80 100

BARKER MINERALS LTD.

BLACK BEAR EAST PROPERTY

Detail A1
Rock Sample Numbers
and Zn & Cu Geochemistry

Cariboo Mining Division, B.C.

NTS Map: 93A/11	Date: Jun 20, 2017
	Fig.No. 11

Table No. 2
Black Bear East, Area A, Detail A1 - XRF Sampling Results

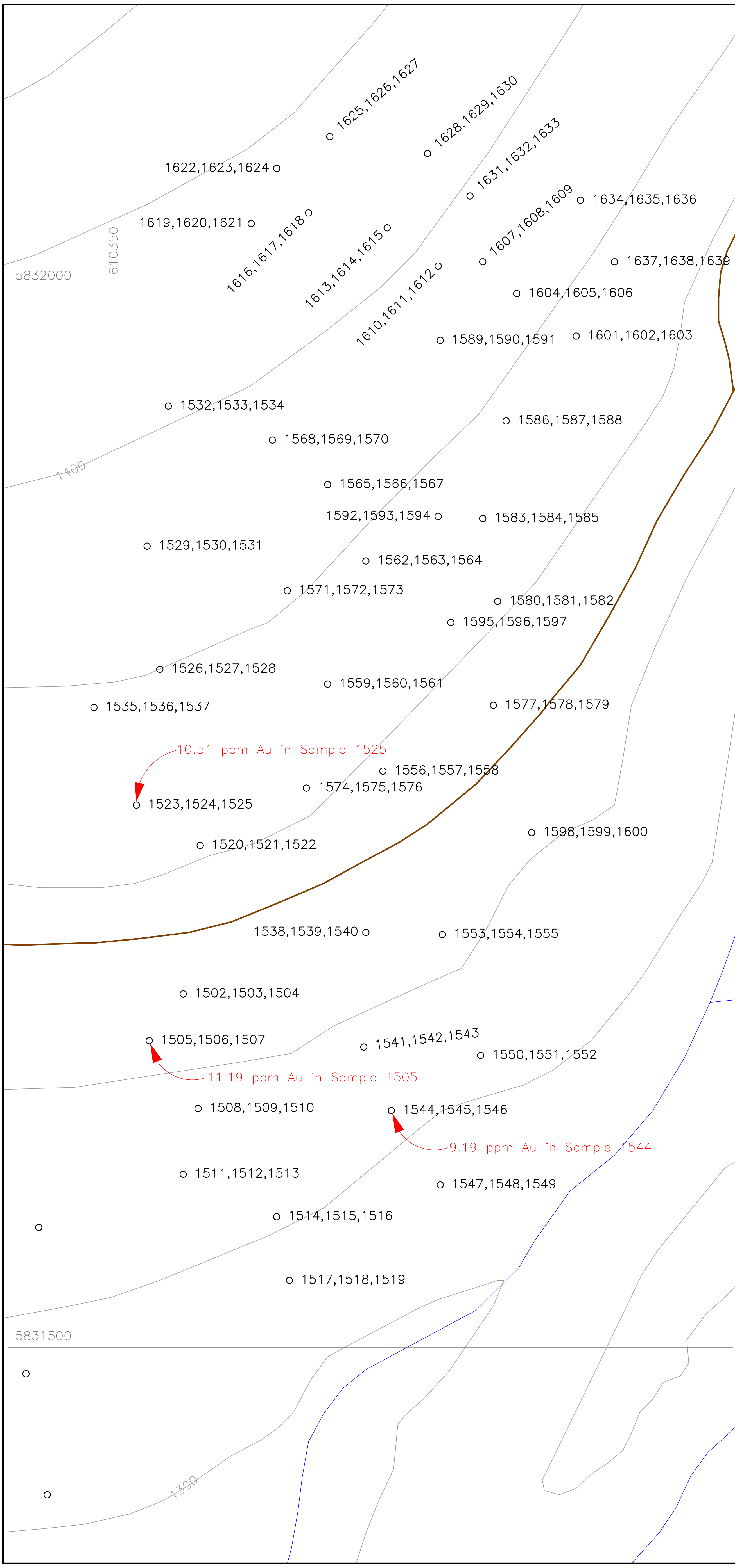
XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Bi
1436	Fig. 11/A1	Rock	ppm	bbe11.75km p-1	10	90	189	< LOD	26	17	< LOD	< LOD	13	< LOD	< LOD	78	< LOD	< LOD	< LOD	457	50200	< LOD	60	67	< LOD	< LOD	< LOD
1437	Fig. 11/A1	Rock	ppm	bbe11.75km p-1a	6	44	493	12	12	19	< LOD	< LOD	63	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	21682	< LOD	112	99	< LOD	< LOD	< LOD
1438	Fig. 11/A1	Rock	ppm	bbe11.75km p-1b	10	74	191	10	6	33	< LOD	< LOD	< LOD	< LOD	< LOD	85	< LOD	< LOD	< LOD	< LOD	59486	< LOD	59	77	< LOD	< LOD	< LOD
1439	Fig. 11/A1	Rock	ppm	bbe11.75km p-2	9	122	280	< LOD	18	19	< LOD	< LOD	< LOD	< LOD	< LOD	41	< LOD	< LOD	< LOD	< LOD	31294	< LOD	70	44	< LOD	< LOD	< LOD
1440	Fig. 11/A1	Rock	ppm	bbe11.75km p-2a	13	125	111	< LOD	12	20	< LOD	< LOD	< LOD	< LOD	< LOD	145	< LOD	< LOD	< LOD	< LOD	113714	< LOD	84	91	< LOD	< LOD	< LOD
1441	Fig. 11/A1	Rock	ppm	bbe11.75km p-2b	7	64	183	10	2	24	< LOD	< LOD	< LOD	< LOD	< LOD	59	< LOD	< LOD	< LOD	238	39929	< LOD	78	52	< LOD	< LOD	< LOD
1442	Fig. 11/A1	Rock	ppm	bbe11.75km p-3	13	63	222	< LOD	6	27	< LOD	< LOD	< LOD	< LOD	< LOD	52	< LOD	< LOD	< LOD	< LOD	32392	< LOD	69	58	< LOD	< LOD	< LOD
1443	Fig. 11/A1	Rock	ppm	bbe11.75km p-3a	< LOD	77	195	< LOD	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	91	< LOD	< LOD	< LOD	< LOD	62569	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1444	Fig. 11/A1	Rock	ppm	bbe11.75km p-3b	< LOD	40	466	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	11341	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1445	Fig. 11/A1	Rock	ppm	bbe11.75km p-4	< LOD	27	438	< LOD	14	< LOD	< LOD	< LOD	23	< LOD	< LOD	26	< LOD	50	147	< LOD	59204	2423	27	< LOD	< LOD	< LOD	< LOD
1446	Fig. 11/A1	Rock	ppm	bbe11.75km p-4a	< LOD	78	172	< LOD	14	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	58	38	36	103	363	24187	1614	< LOD	< LOD	< LOD	< LOD	< LOD
1447	Fig. 11/A1	Rock	ppm	bbe11.75km p-4b	< LOD	68	273	< LOD	7	< LOD	< LOD	< LOD	45	< LOD	< LOD	37	< LOD	< LOD	< LOD	< LOD	30507	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1448	Fig. 11/A1	Rock	ppm	bbe11.75km p-5	< LOD	95	281	< LOD	11	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	46	< LOD	135	< LOD	200	20443	1095	< LOD	< LOD	< LOD	< LOD	< LOD
1449	Fig. 11/A1	Rock	ppm	bbe11.75km p-5a	< LOD	58	381	< LOD	12	< LOD	< LOD	< LOD	69	< LOD	< LOD	62	< LOD	35	< LOD	337	49951	3008	< LOD	< LOD	< LOD	< LOD	< LOD
1450	Fig. 11/A1	Rock	ppm	bbe11.75km p-5b	< LOD	59	305	< LOD	11	< LOD	< LOD	11	87	< LOD	< LOD	48	< LOD	32	143	282	32004	1519	< LOD	< LOD	< LOD	< LOD	< LOD
1451	Fig. 11/A1	Rock	ppm	bbe11.75km p-6	< LOD	12	498	13	3	< LOD	< LOD	< LOD	393	< LOD	< LOD	30	< LOD	36	93	< LOD	98506	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1452	Fig. 11/A1	Rock	ppm	bbe11.75km p-6a	< LOD	20	372	< LOD	7	< LOD	< LOD	< LOD	321	< LOD	< LOD	35	< LOD	43	< LOD	< LOD	80100	< LOD	< LOD	34	< LOD	< LOD	< LOD
1453	Fig. 11/A1	Rock	ppm	bbe11.75km p-6b	< LOD	76	117	< LOD	5	< LOD	< LOD	< LOD	19	< LOD	< LOD	81	< LOD	39	95	< LOD	66533	1026	< LOD	< LOD	< LOD	< LOD	< LOD
1454	Fig. 11/A1	Rock	ppm	bbe11.75km p-7	< LOD	94	172	< LOD	18	< LOD	< LOD	< LOD	89	< LOD	< LOD	60	< LOD	34	94	< LOD	71550	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1455	Fig. 11/A1	Rock	ppm	bbe11.75km p-7a	< LOD	60	123	< LOD	6	< LOD	< LOD	< LOD	46	< LOD	< LOD	67	< LOD	31	98	291	60052	1170	< LOD	< LOD	< LOD	< LOD	< LOD
1456	Fig. 11/A1	Rock	ppm	bbe11.75km p-7b	< LOD	34	267	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD	< LOD	< LOD	< LOD	19142	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1457	Fig. 11/A1	Rock	ppm	bbe11.75km p-8	< LOD	16	456	< LOD	12	< LOD	< LOD	< LOD	60	< LOD	< LOD	18	< LOD	42	78	< LOD	42233	3841	< LOD	< LOD	< LOD	< LOD	< LOD
1458	Fig. 11/A1	Rock	ppm	bbe11.75km p-8a	< LOD	68	248	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	75	< LOD	29	97	324	35442	1493	< LOD	< LOD	< LOD	< LOD	< LOD
1459	Fig. 11/A1	Rock	ppm	bbe11.75km p-8b	< LOD	68	162	< LOD	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	72	< LOD	< LOD	< LOD	< LOD	63794	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1460	Fig. 11/A1	Rock	ppm	bbe11.75km p-9	< LOD	72	116	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	54	< LOD	19	< LOD	361	18913	1302	< LOD	< LOD	< LOD	< LOD	< LOD
1461	Fig. 11/A1	Rock	ppm	bbe11.75km p-9a	< LOD	74	176	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	77	< LOD	26	127	< LOD	68316	1359	< LOD	< LOD	< LOD	< LOD	< LOD
1462	Fig. 11/A1	Rock	ppm	bbe11.75km p-9b	< LOD	86	271	10	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	36	< LOD	< LOD	< LOD	< LOD	35439	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1463	Fig. 11/A1	Rock	ppm	bbe11.75km p-10	< LOD	97	139	< LOD	14	5	< LOD	< LOD	35	< LOD	**10.18**	107	< LOD	23	116	< LOD	65059	2671	< LOD	< LOD	< LOD	< LOD	< LOD
1464	Fig. 11/A1	Rock	ppm	bbe11.75km p-10a	< LOD	111	210	< LOD	15	5	< LOD	< LOD	53	< LOD	< LOD	86	< LOD	51	116	< LOD	85027	2394	< LOD	< LOD	< LOD	< LOD	< LOD
1465	Fig. 11/A1	Rock	ppm	bbe11.75km p-10b	< LOD	20	638	11	3	< LOD	< LOD	< LOD	20	< LOD	< LOD	25	< LOD	32	< LOD	< LOD	7187	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1466	Fig. 11/A1	Rock	ppm	bbe11.75km p-11	< LOD	86	263	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	39	< LOD	< LOD	< LOD	< LOD	28346	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1467	Fig. 11/A1	Rock	ppm	bbe11.75km p-11a	< LOD	93	301	9	3	5	< LOD	< LOD	< LOD	< LOD	< LOD	47	< LOD	39	< LOD	< LOD	31374	1115	< LOD	< LOD	< LOD	< LOD	< LOD
1468	Fig. 11/A1	Rock	ppm	bbe11.75km p-11b	< LOD	70	277	< LOD	4	13	< LOD	< LOD	< LOD	< LOD	< LOD	71	< LOD	< LOD	< LOD	< LOD	53781	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1469	Fig. 11/A1	Rock	ppm	bbe11.75kp-12	691	453	132	< LOD	< LOD	1602	< LOD	676	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1470	Fig. 11/A1	Rock	ppm	bbe11.75kp-12a	10	94	283	11	13	24	< LOD	< LOD	8	< LOD	< LOD	62	< LOD	< LOD	< LOD	< LOD	31886	< LOD	66	54	< LOD	< LOD	< LOD
1471	Fig. 11/A1	Rock	ppm	bbe11.75kp-12b	11	88	175	9	3	18	< LOD	< LOD	< LOD	< LOD	< LOD	93	< LOD	< LOD	< LOD	< LOD	62933	< LOD	73	68	< LOD	< LOD	< LOD
1472	Fig. 11/A1	Rock	ppm	bbe11.75kp-13	8	76	482	13	18	16	< LOD	< LOD	32	< LOD	< LOD	39	< LOD	< LOD	81	< LOD	55772	< LOD	127	130	< LOD	< LOD	< LOD
1473	Fig. 11/A1	Rock	ppm	bbe11.75kp-13a	9	115	330	8	10	23	< LOD	< LOD	< LOD	< LOD	< LOD	43	< LOD	39	< LOD	< LOD	32362	< LOD	85	80	< LOD	< LOD	< LOD
1474	Fig. 11/A1	Rock	ppm	bbe11.75kp-13b	11	82	223	9	6	25	< LOD	< LOD	< LOD	< LOD	< LOD	99	< LOD	< LOD	< LOD	< LOD	69524	< LOD	87	79	< LOD	< LOD	< LOD
1475	Fig. 11/A1	Rock	ppm	bbe11.75kp-14	7	109	435	12	7	6	< LOD	< LOD	< LOD	< LOD	**9.98**	36	< LOD	589	< LOD	123	17541	1051	82	80	< LOD	< LOD	< LOD
1476	Fig. 11/A1	Rock	ppm	bbe11.75kp-14a	13	87	231	< LOD	12	30	< LOD	< LOD	8	< LOD	< LOD	87	< LOD	< LOD	< LOD	470	61166	< LOD	92	79	< LOD	< LOD	< LOD
1477	Fig. 11/A1	Rock	ppm	bbe11.75kp-14b	9	105	188	9	7	24	< LOD	< LOD	8	< LOD	< LOD	114	< LOD	< LOD	< LOD	< LOD	83444	< LOD	93	96	< LOD	< LOD	< LOD
1478	Fig. 11/A1	Rock	ppm	bbe11.75kp-15	10	104	198	< LOD	4	25	< LOD	< LOD	< LOD	< LOD	< LOD	124	< LOD	< LOD	< LOD	< LOD	98480	< LOD	69	58	< LOD	< LOD	< LOD
1479	Fig. 11/A1	Rock	ppm	bbe11.75kp-15a	< LOD	77	114	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	119	< LOD	< LOD	< LOD	< LOD	77125	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1480	Fig. 11/A1	Rock	ppm	bbe11.75kp-15b	< LOD	69	208	< LOD	8	< LOD	< LOD	< LOD	45	< LOD	< LOD	59	< LOD	36	< LOD	< LOD	58765	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1481	Fig. 11/A1	Rock	ppm	bbe11.75kp-16	< LOD	86	149	7	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	115	< LOD	40	90	< LOD	71292	1325	< LOD	< LOD	< LOD	< LOD	< LOD
1482	Fig. 11/A1	Rock	ppm	bbe11.75kp-16a	< LOD	98	189	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	152	< LOD	< LOD	< LOD	< LOD	92043	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1483	Fig. 11/A1	Rock	ppm	bbe11.75kp-16b	< LOD	88	246	8	8	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	86	< LOD	39	< LOD	598	30966	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

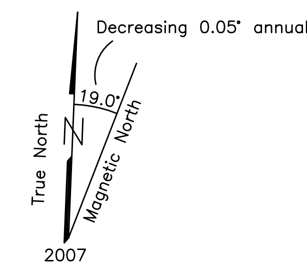
Table No. 2

Black Bear East, Area A, Detail A1 - 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	Bi
1484	Fig. 11/A1	Rock	ppm	bbe11.75kp-17	8	105	369	10	5	25	< LOD	< LOD	< LOD	< LOD	< LOD	99	< LOD	< LOD	< LOD	< LOD	25077	< LOD	97	92	< LOD	< LOD	< LOD
1485	Fig. 11/A1	Rock	ppm	bbe11.75kp-17a	< LOD	65	190	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	97	< LOD	26	96	307	25082	1472	< LOD	< LOD	< LOD	< LOD	< LOD
1486	Fig. 11/A1	Rock	ppm	bbe11.75kp-17b	< LOD	56	107	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	74	33	35	< LOD	308	38836	1477	< LOD	< LOD	< LOD	< LOD	< LOD
1487	Fig. 11/A1	Rock	ppm	bbe11.75kp-18	< LOD	99	294	< LOD	9	5	< LOD	< LOD	< LOD	< LOD	< LOD	51	< LOD	69	< LOD	152	24429	926	< LOD	< LOD	< LOD	< LOD	< LOD
1488	Fig. 11/A1	Rock	ppm	bbe11.75kp-18a	< LOD	77	402	< LOD	10	5	< LOD	< LOD	21	< LOD	< LOD	47	< LOD	22	< LOD	< LOD	11068	1165	< LOD	< LOD	< LOD	< LOD	< LOD
1489	Fig. 11/A1	Rock	ppm	bbe11.75kp-18b	< LOD	83	223	< LOD	17	< LOD	< LOD	< LOD	55	< LOD	< LOD	75	< LOD	47	< LOD	< LOD	54808	1354	< LOD	< LOD	< LOD	< LOD	< LOD
1490	Fig. 11/A1	Rock	ppm	bbe11.75kp-19	< LOD	62	234	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	94	< LOD	27	< LOD	374	47580	1501	< LOD	< LOD	< LOD	< LOD	< LOD
1491	Fig. 11/A1	Rock	ppm	bbe11.75kp-19a	< LOD	76	164	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	92	< LOD	< LOD	< LOD	< LOD	57979	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1492	Fig. 11/A1	Rock	ppm	bbe11.75kp-19b	< LOD	94	255	< LOD	8	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	82	< LOD	< LOD	< LOD	279	61720	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1493	Fig. 11/A1	Rock	ppm	bbe11.75kp-20	< LOD	63	103	9	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	93	< LOD	< LOD	< LOD	< LOD	79468	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1494	Fig. 11/A1	Rock	ppm	bbe11.75kp-20a	< LOD	132	260	8	17	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	64	< LOD	49	< LOD	< LOD	55317	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1495	Fig. 11/A1	Rock	ppm	bbe11.75kp-20b	< LOD	54	94	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	87	< LOD	< LOD	< LOD	< LOD	63641	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1496	Fig. 11/A1	Rock	ppm	bbe11.75kp-21	< LOD	58	127	< LOD	18	< LOD	< LOD	10	152	< LOD	< LOD	107	< LOD	58	101	< LOD	90882	1071	< LOD	< LOD	< LOD	< LOD	< LOD
1497	Fig. 11/A1	Rock	ppm	bbe11.75kp-21a	< LOD	70	88	< LOD	9	< LOD	< LOD	< LOD	20	< LOD	< LOD	81	< LOD	39	< LOD	211	56077	938	< LOD	< LOD	< LOD	< LOD	< LOD
1498	Fig. 11/A1	Rock	ppm	bbe11.75kp-21b	< LOD	32	347	< LOD	14	< LOD	< LOD	7	88	< LOD	< LOD	33	< LOD	65	121	304	32000	1623	< LOD	< LOD	< LOD	< LOD	< LOD
1499	Fig. 11/A1	Rock	ppm	bbe11.75kp-22	< LOD	59	134	< LOD	12	< LOD	< LOD	< LOD	41	< LOD	< LOD	72	< LOD	30	95	197	51913	1007	< LOD	< LOD	< LOD	< LOD	< LOD
1500	Fig. 11/A1	Rock	ppm	bbe11.75kp-22a	< LOD	61	167	< LOD	11	< LOD	< LOD	< LOD	31	< LOD	< LOD	70	< LOD	43	< LOD	< LOD	56455	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1501	Fig. 11/A1	Rock	ppm	bbe11.75kp-22b	< LOD	60	255	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	35	< LOD	**9778**	< LOD	< LOD	24623	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

In all cases <LOD means below level of detection. Values for certain elements above 100 ppm are coloured red.





UTM Coordinate System
Map Datum: NAD 83, Zone 10

Black Bear East Rock Samples
XRF Results (ppm)

XRF No.	Zn	Cu	Au
1502	49	187	
1503	103	33	
1504	69	33	
1505	40	593	**11.19**
1506	78		
1507	36	85	
1508	24		
1509	37	70	
1510	26	35	
1511	58		
1512	100	30	
1513	35	38	
1514	82	33	
1515	83	28	
1516	37	31	
1517	86	29	
1518	51		
1519	85		
1520	117		
1521	144	41	
1522	111	27	
1523	62	44	
1524	87		
1525	66	28	**10.51**
1526	87		
1527	74		
1528	73		
1529	470		
1530	19		
1531	94	63	
1532	110		
1533	102		
1534	126		
1535	57		
1536	37	36	
1537	19		
1538	309	350	
1539	85	309	
1540	32	300	
1541	97	152	
1542	77	109	
1543	11	63	
1544	60	55	**9.19**
1545	37	49	
1546	22	26	
1547	82	30	
1548	66		
1549	314	28	
1550	75		
1551	95		
1552	101		
1553	92	45	
1554	53		
1555			
1556	103	159	
1557	120	81	
1558	108	47	
1559	355	31	
1560	87	96	
1561	89	48	
1562	54		
1563	347		
1564	333		
1565	39		
1566	20		
1567	22		
1568	61		
1569	485		
1570	73	31	
1571	74	47	
1572	119		
1573	43	70	
1574	57	32	
1575	31	24	
1576	32		
1577		68	
1578	25	48	
1579	112		

XRF No.	Zn	Cu
1580	47	
1581	40	34
1582	46	
1583	324	32
1584	40	
1585	165	
1586	28	30
1587	169	
1588	42	34
1589	109	75
1590	12	16
1591	107	130
1592	47	25
1593	149	41
1594	35	31
1595	62	
1596	31	33
1597	51	31
1598	70	156
1599	146	
1600	93	32
1601	89	
1602	141	
1603	44	35
1604	15	
1605	29	
1606	42	34
1607	44	
1608	33	
1609	42	
1610	108	26
1611	44	
1612	48	34
1613	81	19
1614	73	22
1615	67	
1616	37	
1617	32	36
1618	100	43
1619	120	51
1620	77	47
1621	300	176
1622	43	
1623	38	
1624	33	
1625	22	
1626	113	36
1627	15	
1628	97	43
1629	129	59
1630	73	31
1631	39	20
1632	143	34
1633	69	36
1634	47	
1635	568	38
1636	22	
1637	53	
1638	71	
1639	57	

Samples with Au detected are coloured red.
Results over 100 ppm marked in red.
Results below level of detection not shown

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Road, quad trail, trail, reclaimed

o 1600 Rock sample location and number

See Table No. 3 for XRF results.

Scale 1:2,000
metres
0 20 40 60 80 100

BARKER MINERALS LTD.

BLACK BEAR EAST PROPERTY

Detail A2
Rock Sample Numbers
and Zn & Cu Geochemistry

Cariboo Mining Division, B.C.

NTS Map: 93A/11	Date: Jun 20, 2017
	Fig.No. 12

Table No. 3

Black Bear East, Area A, Detail A2 - 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	Bi
1502	Fig. 12/A2	Rock	ppm	bbe11.75kp-23	< LOD	6	154	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	49	< LOD	187	< LOD	< LOD	23903	3266	< LOD	< LOD	< LOD	< LOD	< LOD
1503	Fig. 12/A2	Rock	ppm	bbe11.75kp-23a	< LOD	63	106	< LOD	5	13	< LOD	< LOD	< LOD	< LOD	< LOD	103	< LOD	33	< LOD	< LOD	59569	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1504	Fig. 12/A2	Rock	ppm	bbe11.75kp-23b	< LOD	77	249	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	69	< LOD	33	< LOD	< LOD	33553	1263	< LOD	< LOD	< LOD	< LOD	< LOD
1505	Fig. 12/A2	Rock	ppm	bbe11.75kp-24	< LOD	81	372	< LOD	11	4	< LOD	< LOD	< LOD	< LOD	**11.19**	40	< LOD	593	97	< LOD	26426	1876	< LOD	< LOD	< LOD	< LOD	< LOD
1506	Fig. 12/A2	Rock	ppm	bbe11.75kp-24a	< LOD	63	105	< LOD	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	78	< LOD	< LOD	< LOD	< LOD	45220	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1507	Fig. 12/A2	Rock	ppm	bbe11.75kp-24b	< LOD	114	380	9	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	36	< LOD	85	< LOD	182	22316	712	< LOD	< LOD	< LOD	< LOD	< LOD
1508	Fig. 12/A2	Rock	ppm	bbe11.75kp-25	< LOD	7	831	17	11	< LOD	< LOD	< LOD	20	< LOD	< LOD	24	< LOD	< LOD	128	< LOD	41939	3644	57	41	< LOD	< LOD	< LOD
1509	Fig. 12/A2	Rock	ppm	bbe11.75kp-25a	< LOD	101	360	8	8	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	37	< LOD	70	< LOD	231	9671	1247	< LOD	< LOD	< LOD	< LOD	< LOD
1510	Fig. 12/A2	Rock	ppm	bbe11.75kp-25b	< LOD	85	394	< LOD	6	15	< LOD	< LOD	< LOD	< LOD	< LOD	26	< LOD	35	< LOD	< LOD	25960	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1511	Fig. 12/A2	Rock	ppm	bbe11.75kp-26	< LOD	68	198	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	58	< LOD	< LOD	< LOD	< LOD	42925	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1512	Fig. 12/A2	Rock	ppm	bbe11.75kp-26a	< LOD	81	243	< LOD	7	5	< LOD	< LOD	12	< LOD	< LOD	100	< LOD	30	109	< LOD	53743	1494	< LOD	< LOD	< LOD	< LOD	< LOD
1513	Fig. 12/A2	Rock	ppm	bbe11.75kp-26b	< LOD	45	270	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	35	< LOD	38	< LOD	130	6963	2551	< LOD	< LOD	< LOD	< LOD	< LOD
1514	Fig. 12/A2	Rock	ppm	bbe11.75kp-27	< LOD	81	200	10	22	6	< LOD	8	13	12	< LOD	82	< LOD	33	99	347	43842	1149	< LOD	< LOD	< LOD	< LOD	< LOD
1515	Fig. 12/A2	Rock	ppm	bbe11.75kp-27a	< LOD	103	122	< LOD	19	< LOD	< LOD	< LOD	28	< LOD	< LOD	83	< LOD	28	< LOD	< LOD	91941	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1516	Fig. 12/A2	Rock	ppm	bbe11.75kp-27b	< LOD	17	882	< LOD	2	< LOD	< LOD	< LOD	45	< LOD	< LOD	37	< LOD	31	< LOD	< LOD	20536	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1517	Fig. 12/A2	Rock	ppm	bbe11.75kp-28	< LOD	80	251	< LOD	7	< LOD	< LOD	< LOD	16	< LOD	< LOD	86	< LOD	29	124	193	48847	1602	< LOD	< LOD	< LOD	< LOD	< LOD
1518	Fig. 12/A2	Rock	ppm	bbe11.75kp-28a	< LOD	60	156	< LOD	6	< LOD	< LOD	< LOD	21	< LOD	< LOD	51	< LOD	< LOD	< LOD	< LOD	62777	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1519	Fig. 12/A2	Rock	ppm	bbe11.75kp-28b	< LOD	74	194	< LOD	11	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	85	< LOD	< LOD	< LOD	< LOD	55787	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1520	Fig. 12/A2	Rock	ppm	bbe11.75kp-29	< LOD	79	211	< LOD	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	117	< LOD	< LOD	< LOD	< LOD	66931	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1521	Fig. 12/A2	Rock	ppm	bbe11.75kp-29a	< LOD	80	177	9	9	7	< LOD	< LOD	< LOD	< LOD	< LOD	144	< LOD	41	89	< LOD	62330	1280	< LOD	< LOD	< LOD	< LOD	< LOD
1522	Fig. 12/A2	Rock	ppm	bbe11.75kp-29b	< LOD	89	226	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	111	< LOD	27	< LOD	< LOD	81048	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1523	Fig. 12/A2	Rock	ppm	bbe11.75kp-30	< LOD	61	243	< LOD	12	< LOD	< LOD	< LOD	32	< LOD	< LOD	62	< LOD	44	< LOD	379	44562	1310	< LOD	< LOD	< LOD	< LOD	< LOD
1524	Fig. 12/A2	Rock	ppm	bbe11.75kp-30a	< LOD	66	136	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	87	< LOD	< LOD	< LOD	< LOD	56803	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1525	Fig. 12/A2	Rock	ppm	bbe11.75kp-30b	< LOD	62	271	< LOD	8	< LOD	< LOD	< LOD	9	< LOD	**10.51**	66	< LOD	28	< LOD	256	31664	1263	< LOD	< LOD	< LOD	< LOD	< LOD
1526	Fig. 12/A2	Rock	ppm	bbe11.75kp-24	12	94	256	< LOD	9	25	< LOD	< LOD	< LOD	< LOD	< LOD	87	< LOD	< LOD	< LOD	272	56953	< LOD	53	47	< LOD	< LOD	< LOD
1527	Fig. 12/A2	Rock	ppm	bbe11.75kp-24a	10	62	201	11	< LOD	18	< LOD	< LOD	< LOD	< LOD	< LOD	74	< LOD	< LOD	< LOD	< LOD	43794	< LOD	84	75	< LOD	< LOD	< LOD
1528	Fig. 12/A2	Rock	ppm	bbe11.75kp-24b	11	73	230	8	2	24	< LOD	< LOD	< LOD	< LOD	< LOD	73	< LOD	< LOD	< LOD	263	38459	< LOD	83	101	< LOD	< LOD	< LOD
1529	Fig. 12/A2	Rock	ppm	bbe11.75kp-25	11	< LOD	7	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	< LOD	470	< LOD	< LOD	< LOD	< LOD	220069	4415	85	75	< LOD	< LOD	< LOD
1530	Fig. 12/A2	Rock	ppm	bbe11.75kp-25a	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19	< LOD	< LOD	< LOD	< LOD	916	341	70	< LOD	< LOD	< LOD	< LOD
1531	Fig. 12/A2	Rock	ppm	bbe11.75kp-25b	7	6	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	94	< LOD	63	108	< LOD	102430	17196	195	182	< LOD	< LOD	< LOD
1532	Fig. 12/A2	Rock	ppm	bbe11.75kp-26	11	10	14	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	< LOD	110	< LOD	< LOD	178	< LOD	93737	< LOD	91	72	< LOD	< LOD	< LOD
1533	Fig. 12/A2	Rock	ppm	bbe11.75kp-26a	9	14	12	< LOD	< LOD	25	< LOD	< LOD	< LOD	< LOD	< LOD	102	< LOD	< LOD	148	< LOD	81670	< LOD	82	78	< LOD	< LOD	< LOD
1534	Fig. 12/A2	Rock	ppm	bbe11.75kp-26b	13	13	10	< LOD	< LOD	37	< LOD	< LOD	< LOD	< LOD	< LOD	126	< LOD	< LOD	< LOD	< LOD	70658	< LOD	95	48	< LOD	< LOD	< LOD
1535	Fig. 12/A2	Rock	ppm	bbe11.75kp-27	10	< LOD	3	< LOD	< LOD	24	< LOD	< LOD	< LOD	< LOD	< LOD	57	< LOD	< LOD	< LOD	< LOD	92614	3452	89	89	< LOD	< LOD	< LOD
1536	Fig. 12/A2	Rock	ppm	bbe11.75kp-27a	10	< LOD	6	< LOD	< LOD	23	< LOD	< LOD	< LOD	< LOD	< LOD	37	< LOD	36	< LOD	< LOD	52523	< LOD	66	55	< LOD	< LOD	< LOD
1537	Fig. 12/A2	Rock	ppm	bbe11.75kp-27b	< LOD	< LOD	10	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	8	< LOD	19	< LOD	< LOD	< LOD	< LOD	1156	208	< LOD	< LOD	< LOD	< LOD	< LOD
1538	Fig. 12/A2	Rock	ppm	bbe11.75kp-35	< LOD	81	114	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	309	< LOD	350	< LOD	< LOD	103513	12920	< LOD	< LOD	< LOD	< LOD	< LOD
1539	Fig. 12/A2	Rock	ppm	bbe11.75kp-35a	< LOD	81	140	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	85	< LOD	309	< LOD	< LOD	121431	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1540	Fig. 12/A2	Rock	ppm	bbe11.75kp-35b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	32	< LOD	300	< LOD	< LOD	35563	20196	< LOD	< LOD	< LOD	< LOD	< LOD
1541	Fig. 12/A2	Rock	ppm	bbe11.75kp-36	< LOD	126	147	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	97	< LOD	152	< LOD	< LOD	97481	3053	< LOD	< LOD	< LOD	< LOD	< LOD
1542	Fig. 12/A2	Rock	ppm	bbe11.75kp-36a	< LOD	116	138	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	77	< LOD	109	< LOD	< LOD	92738	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1543	Fig. 12/A2	Rock	ppm	bbe11.75kp-36b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	11	< LOD	63	< LOD	< LOD	5744	4586	< LOD	< LOD	< LOD	< LOD	< LOD
1544	Fig. 12/A2	Rock	ppm	bbe11.75kp-37	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	**9.19**	60	< LOD	55	102	< LOD	99127	3615	< LOD	< LOD	< LOD	< LOD	< LOD
1545	Fig. 12/A2	Rock	ppm	bbe11.75kp-37a	< LOD	< LOD	20	< LOD	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	37	< LOD	49	< LOD	< LOD	59189	2833	< LOD	< LOD	< LOD	< LOD	< LOD
1546	Fig. 12/A2	Rock	ppm	bbe11.75kp-37b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	26	< LOD	< LOD	2123	965	< LOD	< LOD	< LOD	< LOD	< LOD
1547	Fig. 12/A2	Rock	ppm	bbe11.75kp-38	< LOD	129	117	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	82	< LOD	30	< LOD	< LOD	60153	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1548	Fig. 12/A2	Rock	ppm	bbe11.75kp-38a	< LOD	64	31	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	66	< LOD	< LOD	< LOD	< LOD	34452	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1549	Fig. 12/A2	Rock	ppm	bbe11.75kp-38b	< LOD	78	58	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	314	< LOD	28	101	< LOD	67996	2086	< LOD	< LOD	< LOD	< LOD	< LOD

Table No. 3

Black Bear East, Area A, Detail A2 - 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	Bi
1550	Fig. 12/A2	Rock	ppm	bbe11.75kp-39	< LOD	3	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	75	< LOD	< LOD	< LOD	< LOD	48501	1063	< LOD	< LOD	< LOD	< LOD	< LOD
1551	Fig. 12/A2	Rock	ppm	bbe11.75kp-39a	< LOD	< LOD	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	95	< LOD	< LOD	< LOD	< LOD	4297	2006	< LOD	< LOD	< LOD	< LOD	< LOD
1552	Fig. 12/A2	Rock	ppm	bbe11.75kp-39b	< LOD	15	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	101	< LOD	< LOD	< LOD	< LOD	117838	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1553	Fig. 12/A2	Rock	ppm	bbe11.75kp-40	< LOD	72	91	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	92	< LOD	45	< LOD	< LOD	82170	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1554	Fig. 12/A2	Rock	ppm	bbe11.75kp-40a	< LOD	64	67	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	53	< LOD	< LOD	< LOD	< LOD	85928	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1555	Fig. 12/A2	Rock	ppm	bbe11.75kp-40b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	1093	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1556	Fig. 12/A2	Rock	ppm	bbe11.75kp-41	< LOD	11	4	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	103	< LOD	159	168	< LOD	107503	3965	< LOD	< LOD	< LOD	< LOD	< LOD
1557	Fig. 12/A2	Rock	ppm	bbe11.75kp-41a	< LOD	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	120	< LOD	81	< LOD	< LOD	17751	5228	< LOD	< LOD	< LOD	< LOD	< LOD
1558	Fig. 12/A2	Rock	ppm	bbe11.75kp-41b	< LOD	26	81	7	22	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	108	< LOD	47	< LOD	< LOD	109535	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1559	Fig. 12/A2	Rock	ppm	bbe11.75kp-42	10	12	14	< LOD	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	355	< LOD	31	< LOD	< LOD	47667	1794	46	< LOD	< LOD	< LOD	< LOD
1560	Fig. 12/A2	Rock	ppm	bbe11.75kp-42a	6	16	15	< LOD	4	5	< LOD	< LOD	< LOD	< LOD	< LOD	87	< LOD	96	< LOD	< LOD	31731	10544	107	83	< LOD	< LOD	< LOD
1561	Fig. 12/A2	Rock	ppm	bbe11.75kp-42b	8	< LOD	< LOD	9	< LOD	14	< LOD	< LOD	< LOD	< LOD	< LOD	89	< LOD	48	< LOD	< LOD	123183	3269	85	58	< LOD	< LOD	< LOD
1562	Fig. 12/A2	Rock	ppm	bbe11.75kp-43	5	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	54	< LOD	< LOD	< LOD	< LOD	5876	303	61	46	< LOD	< LOD	< LOD
1563	Fig. 12/A2	Rock	ppm	bbe11.75kp-43a	12	< LOD	3	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	< LOD	347	< LOD	< LOD	< LOD	< LOD	178123	4348	69	58	< LOD	< LOD	< LOD
1564	Fig. 12/A2	Rock	ppm	bbe11.75kp-43b	7	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	333	< LOD	< LOD	< LOD	< LOD	13211	574	83	68	< LOD	< LOD	< LOD
1565	Fig. 12/A2	Rock	ppm	bbe11.75kp-44	12	42	171	8	6	19	< LOD	< LOD	< LOD	< LOD	< LOD	39	< LOD	< LOD	< LOD	< LOD	58330	6860	85	85	< LOD	< LOD	< LOD
1566	Fig. 12/A2	Rock	ppm	bbe11.75kp-44a	9	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	20	< LOD	< LOD	< LOD	< LOD	10356	720	81	53	< LOD	< LOD	< LOD
1567	Fig. 12/A2	Rock	ppm	bbe11.75kp-44b	7	< LOD	2	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	1470	546	70	35	< LOD	< LOD	< LOD
1568	Fig. 12/A2	Rock	ppm	bbe11.75kp-45	7	73	83	7	< LOD	28	< LOD	< LOD	< LOD	< LOD	< LOD	61	< LOD	< LOD	< LOD	< LOD	89427	< LOD	78	87	< LOD	< LOD	< LOD
1569	Fig. 12/A2	Rock	ppm	bbe11.75kp-45a	< LOD	50	64	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	485	< LOD	< LOD	< LOD	< LOD	63526	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1570	Fig. 12/A2	Rock	ppm	bbe11.75kp-45b	< LOD	64	72	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	73	< LOD	31	< LOD	< LOD	87301	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1571	Fig. 12/A2	Rock	ppm	bbe11.75kp-46	< LOD	5	54	< LOD	< LOD	< LOD	< LOD	< LOD	7	< LOD	< LOD	74	< LOD	47	< LOD	< LOD	148762	3551	< LOD	< LOD	< LOD	< LOD	< LOD
1572	Fig. 12/A2	Rock	ppm	bbe11.75kp-46a	< LOD	< LOD	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	119	< LOD	< LOD	< LOD	< LOD	4808	492	< LOD	< LOD	< LOD	< LOD	< LOD
1573	Fig. 12/A2	Rock	ppm	bbe11.75kp-46b	< LOD	< LOD	127	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	43	< LOD	70	< LOD	< LOD	84314	20100	< LOD	< LOD	< LOD	< LOD	< LOD
1574	Fig. 12/A2	Rock	ppm	bbe11.75kp-47	< LOD	62	50	< LOD	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	57	< LOD	32	< LOD	< LOD	51581	1172	< LOD	< LOD	< LOD	< LOD	< LOD
1575	Fig. 12/A2	Rock	ppm	bbe11.75kp-47a	< LOD	75	43	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	31	< LOD	24	< LOD	< LOD	34187	999	< LOD	< LOD	< LOD	< LOD	< LOD
1576	Fig. 12/A2	Rock	ppm	bbe11.75kp-47b	< LOD	8	10	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	5868	669	< LOD	< LOD	< LOD	< LOD	< LOD
1577	Fig. 12/A2	Rock	ppm	bbe11.75kp-48	< LOD	< LOD	18	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	68	208	< LOD	41311	38657	94	86	< LOD	< LOD	23
1578	Fig. 12/A2	Rock	ppm	bbe11.75kp-48a	< LOD	62	162	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	25	< LOD	48	< LOD	< LOD	50362	4249	< LOD	< LOD	< LOD	< LOD	< LOD
1579	Fig. 12/A2	Rock	ppm	bbe11.75kp-48b	< LOD	26	80	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	112	< LOD	< LOD	< LOD	< LOD	52956	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1580	Fig. 12/A2	Rock	ppm	bbe11.75kp-49	< LOD	40	52	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	47	< LOD	< LOD	< LOD	< LOD	85448	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1581	Fig. 12/A2	Rock	ppm	bbe11.75kp-49a	< LOD	65	57	< LOD	< LOD	8	< LOD	< LOD	< LOD	< LOD	< LOD	40	< LOD	34	< LOD	< LOD	57865	2366	< LOD	< LOD	< LOD	< LOD	< LOD
1582	Fig. 12/A2	Rock	ppm	bbe11.75kp-49b	< LOD	49	47	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	46	< LOD	< LOD	< LOD	< LOD	80801	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1583	Fig. 12/A2	Rock	ppm	bbe11.75kp-50	< LOD	91	150	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	324	< LOD	32	< LOD	< LOD	91741	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1584	Fig. 12/A2	Rock	ppm	bbe11.75kp-50a	< LOD	77	48	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	40	< LOD	< LOD	< LOD	< LOD	76682	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1585	Fig. 12/A2	Rock	ppm	bbe11.75kp-50b	< LOD	67	91	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	165	< LOD	< LOD	< LOD	< LOD	78347	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1586	Fig. 12/A2	Rock	ppm	bbe11.75kp-51	< LOD	100	67	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	28	< LOD	30	< LOD	< LOD	31771	5102	< LOD	< LOD	< LOD	< LOD	< LOD
1587	Fig. 12/A2	Rock	ppm	bbe11.75kp-51a	< LOD	46	53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	169	< LOD	< LOD	< LOD	< LOD	82836	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1588	Fig. 12/A2	Rock	ppm	bbe11.75kp-51b	4	51	49	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD	34	< LOD	< LOD	70928	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1589	Fig. 12/A2	Rock	ppm	bbe11.75kp-52	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	109	< LOD	75	99	< LOD	209995	5446	< LOD	< LOD	< LOD	< LOD	< LOD
1590	Fig. 12/A2	Rock	ppm	bbe11.75kp-52a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	12	< LOD	16	< LOD	< LOD	1246	699	< LOD	< LOD	< LOD	< LOD	< LOD
1591	Fig. 12/A2	Rock	ppm	bbe11.75kp-52b	< LOD	11	41	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	107	< LOD	130	< LOD	< LOD	167636	10160	< LOD	< LOD	< LOD	< LOD	< LOD
1592	Fig. 12/A2	Rock	ppm	bbe11.75kp-53	< LOD	6	48	< LOD	18	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	47	< LOD	25	< LOD	< LOD	35989	4914	< LOD	< LOD	< LOD	< LOD	< LOD
1593	Fig. 12/A2	Rock	ppm	bbe11.75kp-53a	< LOD	172	95	< LOD	< LOD	14	< LOD	< LOD	< LOD	< LOD	< LOD	149	< LOD	41	< LOD	< LOD	66032	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1594	Fig. 12/A2	Rock	ppm	bbe11.75kp-53b	< LOD	40	82	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	35	< LOD	31	108	< LOD	51340	2532	< LOD	< LOD	< LOD	< LOD	< LOD
1595	Fig. 12/A2	Rock	ppm	bbe11.75kp-54	< LOD	68	56	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	62	< LOD	< LOD	90	< LOD	63179	1293	< LOD	< LOD	< LOD	< LOD	< LOD
1596	Fig. 12/A2	Rock	ppm	bbe11.75kp-54a	< LOD	88	46	< LOD	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	31	< LOD	33	< LOD	162	26380	1729	< LOD	< LOD	< LOD	< LOD	< LOD
1597	Fig. 12/A2	Rock	ppm	bbe11.75kp-54b	< LOD	63	54	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	51	< LOD	31	< LOD	< LOD	68629	1346	< LOD	< LOD	< LOD	< LOD	< LOD

Table No. 3

Black Bear East, Area A, Detail A2 - 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	Bi
1598	Fig. 12/A2	Rock	ppm	bbe11.75kp-55	< LOD	17	13	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	70	< LOD	156	< LOD	< LOD	155108	3515	< LOD	< LOD	< LOD	< LOD	< LOD
1599	Fig. 12/A2	Rock	ppm	bbe11.75kp-55a	< LOD	45	159	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	146	< LOD	< LOD	< LOD	< LOD	93713	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1600	Fig. 12/A2	Rock	ppm	bbe11.75kp-55b	< LOD	63	154	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	93	< LOD	32	< LOD	< LOD	76995	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1601	Fig. 12/A2	Rock	ppm	bbe abr-56	< LOD	11	34	< LOD	44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	89	< LOD	< LOD	< LOD	< LOD	86088	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1602	Fig. 12/A2	Rock	ppm	bbe abr-56a	< LOD	13	22	< LOD	63	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	141	< LOD	< LOD	77	< LOD	86541	2262	< LOD	< LOD	< LOD	< LOD	< LOD
1603	Fig. 12/A2	Rock	ppm	bbe abr-56b	< LOD	9	37	< LOD	44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	44	< LOD	35	< LOD	< LOD	63128	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1604	Fig. 12/A2	Rock	ppm	bbe abr-57	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	15	< LOD	< LOD	< LOD	< LOD	710	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1605	Fig. 12/A2	Rock	ppm	bbe abr-57a	< LOD	< LOD	5	< LOD	4	< LOD	< LOD	< LOD	< LOD	8	< LOD	29	< LOD	< LOD	< LOD	< LOD	29441	182	< LOD	< LOD	< LOD	< LOD	< LOD
1606	Fig. 12/A2	Rock	ppm	bbe abr-57b	< LOD	99	41	< LOD	37	9	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD	34	< LOD	< LOD	12533	285	< LOD	< LOD	< LOD	< LOD	< LOD
1607	Fig. 12/A2	Rock	ppm	bbe abr-58	< LOD	91	31	< LOD	12	5	< LOD	< LOD	< LOD	< LOD	< LOD	44	< LOD	< LOD	< LOD	< LOD	22279	156	< LOD	< LOD	< LOD	< LOD	< LOD
1608	Fig. 12/A2	Rock	ppm	bbe abr-58a	< LOD	123	40	< LOD	16	4	< LOD	< LOD	< LOD	< LOD	< LOD	33	< LOD	< LOD	< LOD	< LOD	18222	147	< LOD	< LOD	< LOD	< LOD	< LOD
1609	Fig. 12/A2	Rock	ppm	bbe abr-58b	< LOD	103	34	< LOD	13	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD	< LOD	< LOD	< LOD	27457	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1610	Fig. 12/A2	Rock	ppm	bbe abr-59	< LOD	24	65	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	108	< LOD	26	96	< LOD	41191	690	< LOD	< LOD	< LOD	< LOD	< LOD
1611	Fig. 12/A2	Rock	ppm	bbe abr-59a	< LOD	20	59	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	44	< LOD	< LOD	< LOD	< LOD	41997	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1612	Fig. 12/A2	Rock	ppm	bbe abr-59b	< LOD	15	60	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	48	< LOD	34	< LOD	< LOD	43191	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1613	Fig. 12/A2	Rock	ppm	bbe abr-60	< LOD	420	24	< LOD	8	8	< LOD	< LOD	< LOD	< LOD	< LOD	81	< LOD	19	< LOD	< LOD	34749	157	< LOD	< LOD	< LOD	< LOD	< LOD
1614	Fig. 12/A2	Rock	ppm	bbe abr-60a	< LOD	104	21	< LOD	6	7	< LOD	< LOD	< LOD	< LOD	< LOD	73	< LOD	22	< LOD	< LOD	22374	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1615	Fig. 12/A2	Rock	ppm	bbe abr-60b	< LOD	99	17	< LOD	5	6	< LOD	< LOD	< LOD	< LOD	< LOD	67	< LOD	< LOD	< LOD	< LOD	19104	266	< LOD	< LOD	< LOD	< LOD	< LOD
1616	Fig. 12/A2	Rock	ppm	bbe abr-61	< LOD	15	38	< LOD	49	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	37	< LOD	< LOD	< LOD	< LOD	66939	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1617	Fig. 12/A2	Rock	ppm	bbe abr-61a	< LOD	16	30	< LOD	53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	32	< LOD	36	69	< LOD	90401	2193	< LOD	< LOD	< LOD	< LOD	< LOD
1618	Fig. 12/A2	Rock	ppm	bbe abr-61b	< LOD	34	17	< LOD	34	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	100	< LOD	43	< LOD	< LOD	74393	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1619	Fig. 12/A2	Rock	ppm	bbe abr-62	< LOD	85	62	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	120	< LOD	51	132	< LOD	82443	1811	< LOD	< LOD	< LOD	< LOD	< LOD
1620	Fig. 12/A2	Rock	ppm	bbe abr-62a	< LOD	79	63	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	77	< LOD	47	< LOD	< LOD	69506	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1621	Fig. 12/A2	Rock	ppm	bbe abr-62b	< LOD	83	60	< LOD	2	4	< LOD	< LOD	< LOD	< LOD	< LOD	300	< LOD	176	211	< LOD	68582	2246	< LOD	< LOD	< LOD	< LOD	< LOD
1622	Fig. 12/A2	Rock	ppm	bbe abr-63	< LOD	25	73	< LOD	16	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	43	< LOD	< LOD	< LOD	< LOD	42005	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1623	Fig. 12/A2	Rock	ppm	bbe abr-63a	< LOD	27	82	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	38	< LOD	< LOD	< LOD	< LOD	42284	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1624	Fig. 12/A2	Rock	ppm	bbe abr-63b	< LOD	26	94	< LOD	14	< LOD	< LOD	< LOD	< LOD	10	< LOD	33	< LOD	< LOD	180	< LOD	33548	606	< LOD	< LOD	< LOD	< LOD	< LOD
1625	Fig. 12/A2	Rock	ppm	bbe abr-64	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	623	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1626	Fig. 12/A2	Rock	ppm	bbe abr-64a	< LOD	209	152	< LOD	87	17	< LOD	< LOD	< LOD	< LOD	< LOD	113	< LOD	36	96	151	27629	539	20	< LOD	< LOD	< LOD	< LOD
1627	Fig. 12/A2	Rock	ppm	bbe abr-64b	< LOD	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	15	< LOD	< LOD	< LOD	< LOD	2080	96	< LOD	< LOD	< LOD	< LOD	< LOD
1628	Fig. 12/A2	Rock	ppm	bbe abr-65	< LOD	81	77	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	97	< LOD	43	< LOD	< LOD	72950	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1629	Fig. 12/A2	Rock	ppm	bbe abr-65a	< LOD	69	53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	129	< LOD	59	< LOD	< LOD	96532	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1630	Fig. 12/A2	Rock	ppm	bbe abr-65b	< LOD	75	66	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	73	< LOD	31	< LOD	< LOD	64125	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1631	Fig. 12/A2	Rock	ppm	bbe abr-66	< LOD	9	47	< LOD	71	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	39	< LOD	20	< LOD	< LOD	42405	1072	< LOD	< LOD	< LOD	< LOD	< LOD
1632	Fig. 12/A2	Rock	ppm	bbe abr-66a	< LOD	10	20	< LOD	52	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	143	< LOD	34	190	< LOD	110805	3777	< LOD	< LOD	< LOD	< LOD	< LOD
1633	Fig. 12/A2	Rock	ppm	bbe abr-66b	< LOD	13	28	< LOD	51	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	69	< LOD	36	121	< LOD	99682	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1634	Fig. 12/A2	Rock	ppm	bbe abr-67	< LOD	87	130	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	47	< LOD	< LOD	< LOD	< LOD	68741	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1635	Fig. 12/A2	Rock	ppm	bbe abr-67a	< LOD	54	134	< LOD	< LOD	13	< LOD	< LOD	< LOD	< LOD	< LOD	568	< LOD	38	< LOD	< LOD	50141	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1636	Fig. 12/A2	Rock	ppm	bbe abr-67b	< LOD	43	123	< LOD	2	15	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	41745	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1637	Fig. 12/A2	Rock	ppm	bbe abr-68	< LOD	73	105	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	53	< LOD	< LOD	< LOD	< LOD	68885	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1638	Fig. 12/A2	Rock	ppm	bbe abr-68a	< LOD	93	119	< LOD	< LOD	12	< LOD	< LOD	< LOD	< LOD	< LOD	71	< LOD	< LOD	< LOD	< LOD	77984	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
1639	Fig. 12/A2	Rock	ppm	bbe abr-68b	< LOD	79	111	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	57	107	< LOD	< LOD	< LOD	74240	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

In all cases <LOD means below level of detection. Values for certain elements above 100 ppm are coloured red.