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: **$34,575.00**

AUTHOR(S): **Rein Turna**
SIGNATURE(S): **"SIGNED"**
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **5719695 (November 15, 2017 to November 15, 2018)**

YEAR OF WORK: **2018**
PROPERTY NAME: **Black Bear East Project**
CLAIM NAME(S) (on which work was done)
BBE 2 (tenure # 1055646)

COMMODITIES SOUGHT: **Copper, Lead, Zinc, Silver & Gold**
MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: **N/K**
MINING DIVISION: **Cariboo**

LATITUDE **52.6°**
LONGITUDE **121.3°**
UTM Zone **10** EASTING **613500** NORTHING **5832000**

OWNER(S): **Barker Minerals Ltd.**
MAILING ADDRESS: **17970 Lacasse Rd., Prince George BC, V2K 5T4**

OPERATOR(S) [who paid for the work]: **Barker Minerals Ltd.**
MAILING ADDRESS: **17970 Lacasse Rd., Prince George BC, V2K 5T4**

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude **do not use abbreviations or codes**)
Barkerville Terrane, Silver & Gold

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
9669, 9677, 10252, 10264, 11620, 13154, 15420, 15804, 17696, 19354, 21930, 22599, 22642, 24662, 25752, 26003, 26504, 26805, 27125, 27655, 28248, 28978, 29740, 30764.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	N/A		
Photo interpretation	N/A		
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	296	1055646	$20,017.11
Other	N/A		
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	296	1055646	$14,557.89
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	$34,575.00

GEOLOGICAL - GEOCHEMICAL

ASSESSMENT REPORT

on the

Black Bear East Property

Cariboo Mining Division, British Columbia

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

Work was concentrated in the area of tenure no. 1055646

for

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

Prepared by:
Rein Turna

March 26, 2019

Amended August 26, 2019

1.0 SUMMARY

Work performed on Barker Minerals Ltd.'s Black Bear East property consisted of rock sampling. Altogether, 296 analyses were done of 28 elements for rocks collected at a total of 98 locations in this program. This report describes the work done. Detailed maps and geochemical data are presented in Appendix G.

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2.0 INTRODUCTION

This report describes assessment work performed during 2018 on Barker Minerals Ltd.'s Black Bear East property. The work was concentrated in the areas of **tenure no. 1055646**. Rock samples were analyzed by X-ray fluorescence (XRF) for twenty-eight elements. The purpose was to add geochemical information to the existing database, and to identify potential mineralized lithologic horizons in an on-going mineral exploration program.

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

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

3.0 PROPERTY DESCRIPTION and LOCATION

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

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

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

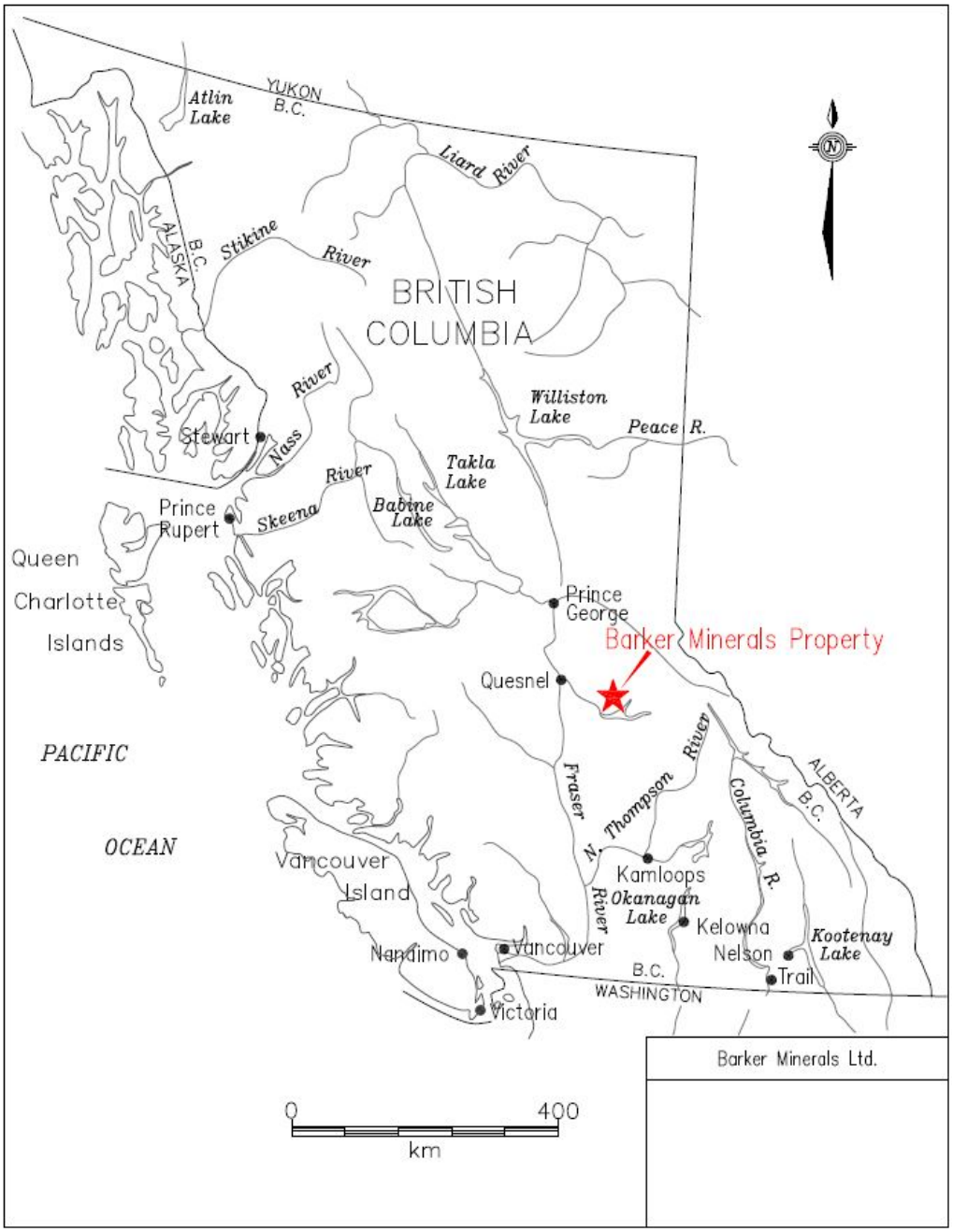


Figure No. 1 Barker Minerals Ltd. Black Bear East Property Location in British Columbia.

Figure No. 2
Barker Minerals Ltd. Mineral Claims
Cariboo Mining Division

N

Barker property

Barker property

Cariboo Lake

Barker property

Black Bear East property: work done on tenure no. 1055646.

Black Bear East Property

Barker property

Historic Providence Mine

1055646

1055647

1055645

Likely

Barker property

kilometres

0 5 10

Blue dots indicate work areas in 2018

Quesnel Lake

4.0 MINERAL CLAIMS

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

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

Total area: **13,681.83 ha**

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

5.0 PHYSIOGRAPHY and ACCESSIBILITY

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

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

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

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

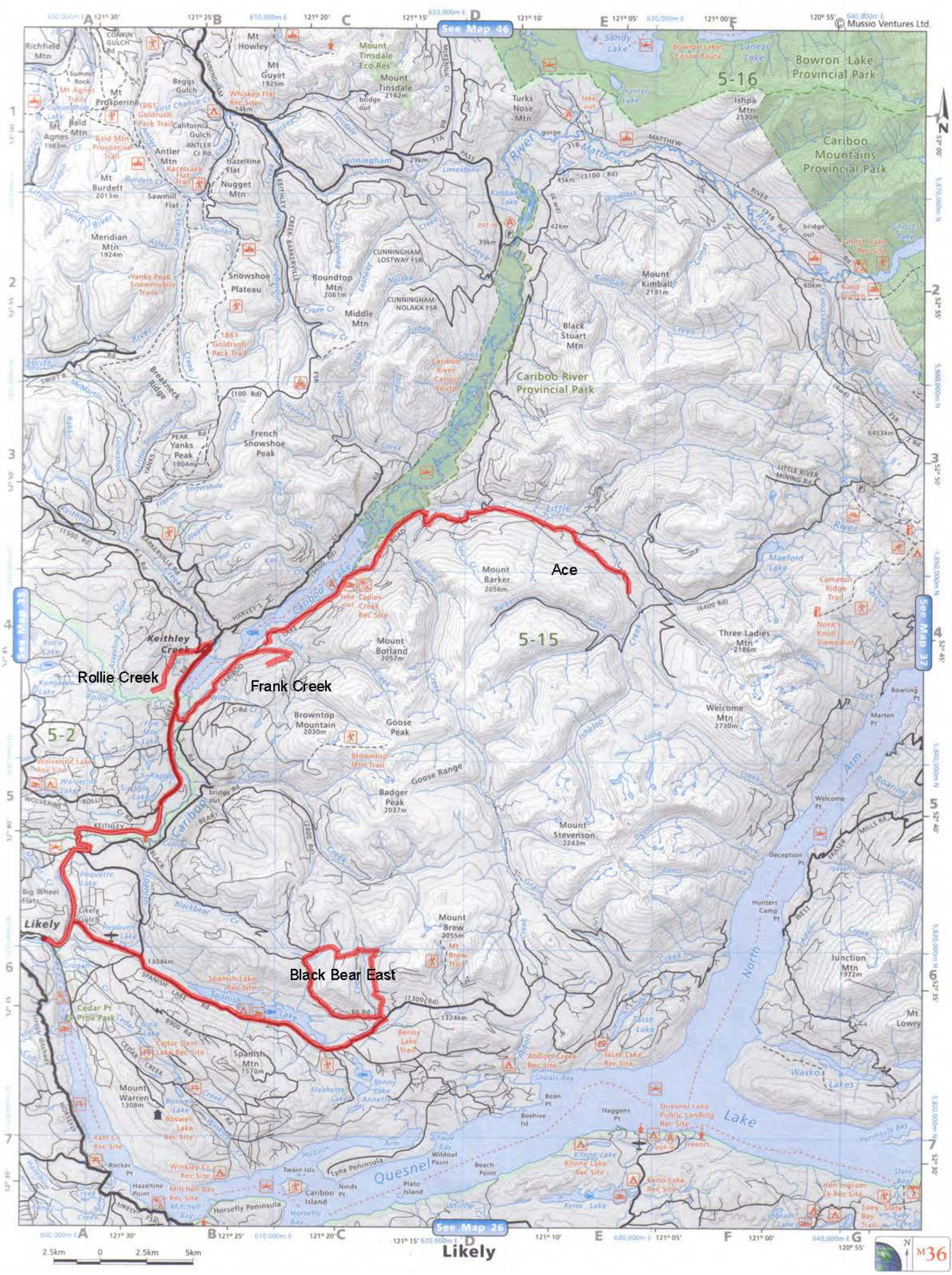


Figure No. 3 Access roads from Likely to several of Barker Minerals' properties.

6.0 HISTORY

6.1 History of Work Done on the Black Bear Property

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

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

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

6.1.1 Work Done in 1926-1951

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

6.1.2 Work Done in 1951-1968

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

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

6.1.3 Work done 2010

The relevant report is Assessment Report 32209 by Doyle, L.E.
Twelve trenches (2,000 m) were excavated on the Black Bear Property. Quartz veins within alteration zones were discovered which had pockets of argentiferous (Ag) galena mineralization. A grab sample from near the former Providence Mine had 116 oz/ton Ag and 59% Pb. A 1.0 m chip sample at the Hunt vein had 34 oz/T Ag and 37.1% Pb.

6.1.4 Work Done in 2012

The relevant report is Assessment Report 33309 by Doyle, L.E.
Three drill holes (744 metres) were completed in 2012. Fifteen trenches were excavated. Work was concentrated near the former Providence Mine. The targets were extensions of Ag-Pb-Au bearing quartz veins known from surface exposures. Though no high grade mineralization was discovered, volcanic rock and hydrothermal alteration evident on core and trenches indicated continued exploration was warranted.

6.1.5 Work Done in 2012 - 2013

The relevant report is Assessment Report 34331 by Turna, R., et al.
Thirty-eight soil and rock samples were collected and geological mapping was done in the area of Black Bear East. The final drill hole of the 2012 drill program at Black Bear was completed.

6.1.6 Work Done in 2015-2016

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

Re. Assessment Report 36640 (Main Group):
129 rocks were analyzed along traverses off roads in Areas A, B and C. Sample no. 4351 had 15.23 ppm Au in quartz in Area A. This sample was a new rock exposure on a newly constructed road spur. It was also anomalous in Zn (163 ppm), Cu (233 ppm) and Bi (29 ppm). Otherwise, the result were 1,368 ppm in Zn, 8,651 ppm in Cu and 6,892 in Pb. Mo (up to 143 ppm), As (up to 758 ppm), Bi (up to 32 ppm) were locally anomalous. Follow up rock and soil sampling were recommended.

Re. Assessment Report 35945 (Black Bear East):
192 rocks were analyzed along traverses off roads in Areas C, E and F. Highest results were: Zn (up to 1,341 ppm), Cu (up to 529 ppm), Pb (up to 927 ppm), As (up to 264 ppm), Bi (up to38 ppm). Zn anomalies occurred more extensively. Further rock and soil sampling was recommended.

6.1.7 Work Done in 2016

The relevant report is Assessment Report 36462 by Turna, R.
240 rock samples were analyzed along traverses in on the pre-amalgamation tenure no. 1038879, within the present tenure no. 1055646. Highest results were: Zn (up to 568 ppm), Cu (up to 9,778 ppm), As (up to 393 ppm) and Bi (up to 23 ppm). Continued rock and soil sampling was recommended.

6.1.8 Work Done in 2017

The relevant report is Assessment Report 36689 by Turna, R.
204 rock samples were analyzed along traverses in on tenure no. the pre-amalgamation tenure no. 1038881, within the present tenure no. 1055646. Five float rock samples has Au values between 9.19 ppm and 11.19 ppm Au in quartz veins in mafic schist.

7.0 GEOLOGY

7.1 Regional Geology

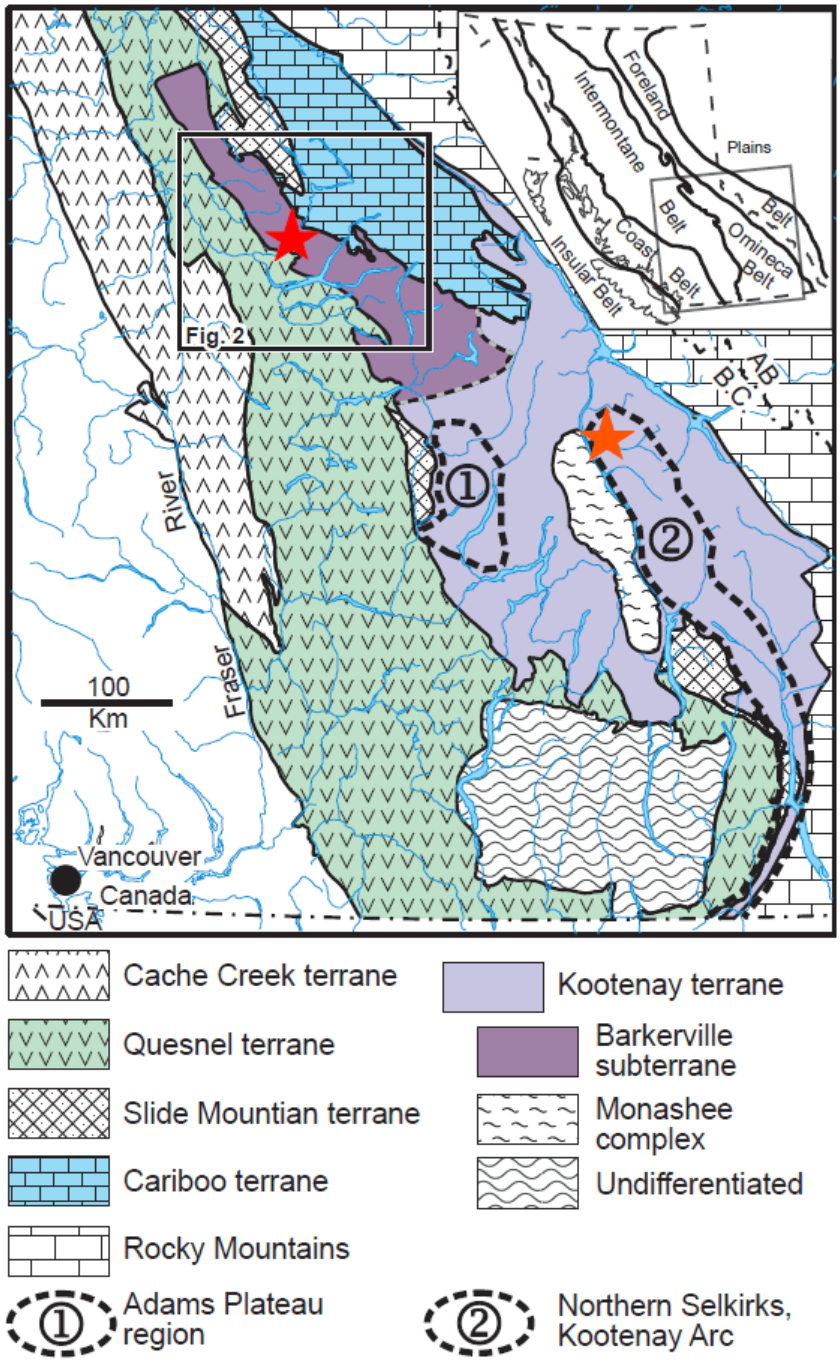


Figure No. 4 Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

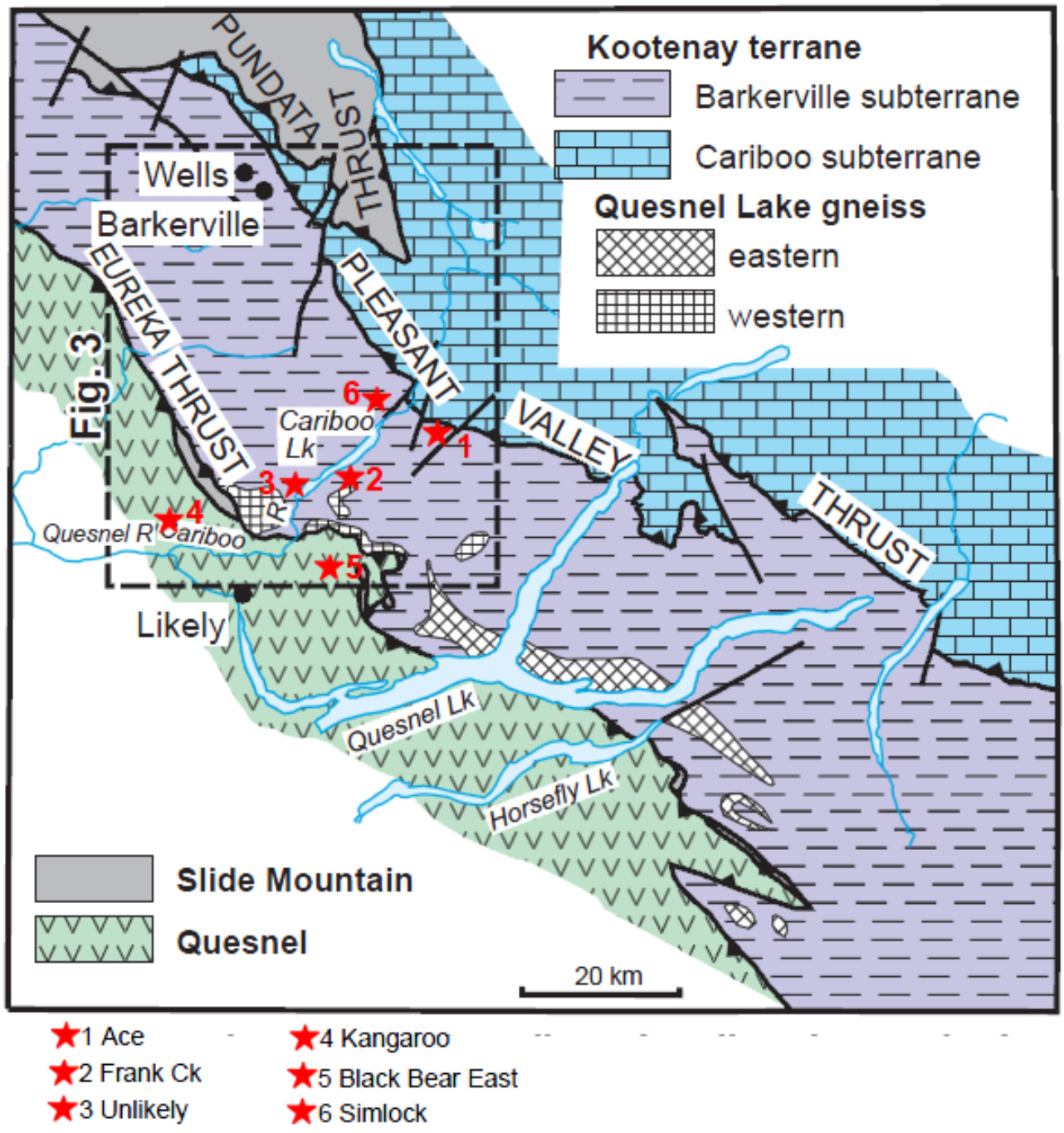


Figure No. 5 Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

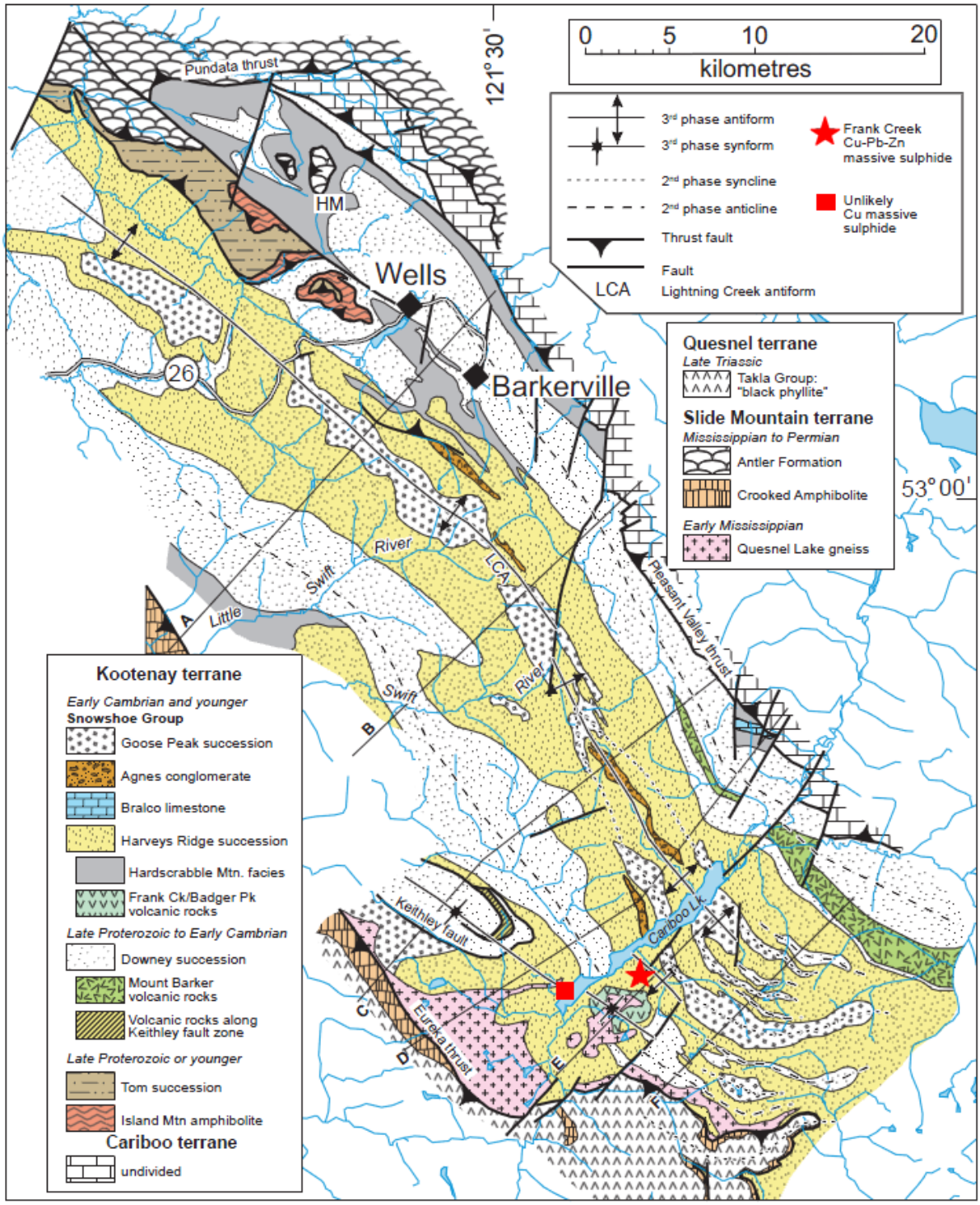


Figure No. 6 Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

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

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

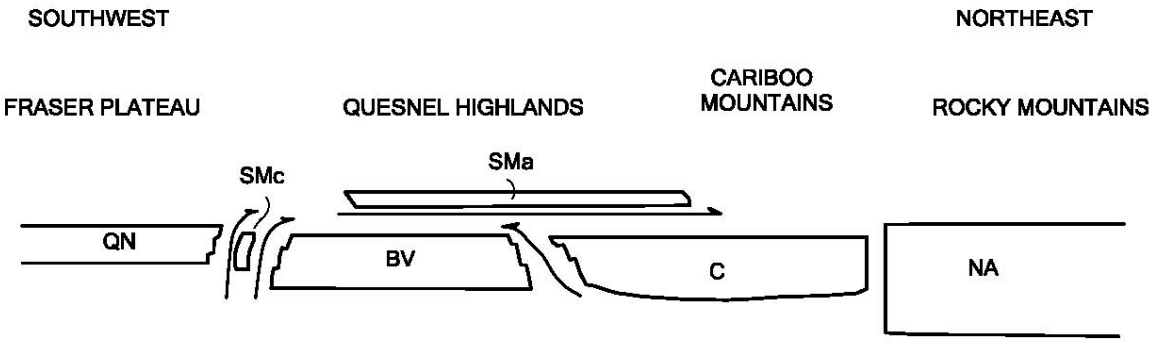


Figure No. 7 Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain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

Quesnel Terrane

The Late Triassic to Early Jurassic Quesnel Terrane…was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka Thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and 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, 2018

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 B.

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

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, 296 analyses were done of 28 elements for rocks collected at a total of 98 locations.

8.2 Economic Targets and Work Done

Grab rock sampling was done over outcrops in two map areas, labeled A and B. The economic target is gold-bearing quartz veins. Previous geochemical surveys over Black Bear had determined Zn and Cu were the best pathfinder elements. Eight rock samples, listed below, had high values in Au.

In Area A, samples with high Au results (in ppm) were:

XRF No.	Zn	Cu	Au
4493	90	36	9.98
4516	101	47	11.70
4565	40	29	9.80
4576	34	29	11.03
4585	16	<LOD	9.34
4600	1,967	39	11.54

In Area B, the sample with high Au result (in ppm) was:

XRF No.	Zn	Cu	Au
4638	41	28	9.99
4760	<LOD	<LOD	264.42

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

In Area A, the six rock samples high in Au had no significant high values in the usually preferred pathfinder elements, Zn or Cu, except in the case of XRF No. 4600 which had 1,967 ppm Zn. Neither did Zn and Cu correlate well with each other nor other, sometimes useful, elements such as Pb or As (Table No. 3).

In Area B, the two rock samples high in Au had no significant high values in the usually preferred pathfinder elements, Zn or Cu. As in Area A, no important correlation occurred among Au and the other elements (Table No. 4).

The occurrence of Au, alone, without pathfinders suggests the source veins contain Au as the dominant metal constituent with no great abundance of other metals.

9.0 CONCLUSIONS

Eight locations had very high results in Au though usually not together with pathfinder base metal elements. No significant correlation appears to exist among Au and the usual pathfinder base elements.

10.0 RECOMMENDATIONS

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

APPENDIX A

Glossary of Technical Terms and Abbreviations

Glossary of Technical Terms and Abbreviations

Anomalous	Chemical and mineralogical changes and higher than typical background values in elements in a rock resulting from reaction with hydrothermal fluids or increase in pressure or temperature.
Anomaly	The geographical area corresponding to anomalous geochemical or geophysical values.
Argentiferous	Containing silver.
Background	The typical concentration of an element or geophysical response in an area, generally referring to values below some threshold level, above which values are designated as anomalous.
BBE	Black Bear East property.
BCGS	British Columbia Geological Survey.
B.C. MEMPR	British Columbia Ministry of energy Mines and Petroleum Resources.
cm	Centimetre.
Cratonic	Pertaining to a craton, an old part of the continental crust, generally making up the interior portion of a continent such as North America.
DCIP	An electrical method which uses the injection of current and the measurement of voltage and its rate of decay to determine the subsurface resistivity and chargeability.
DDH	Diamond drill hole.
eg.	*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.
<LOD	Below the level of detection.
m	Metre.
Max-Min	An HLEM technique to test for resistivity and conductivity of rocks.
MT	Magnetotelluric. A electrical method that uses natural variations in the Earth's magnetic field to induce electric current in the ground to determine the subsurface resistivity.
my	Million years.
NE-SW	Northeast-Southwest.
NNW-SSE	North northwest – South southeast.
NW	Northwest.
NW-SE	Northwest - Southeast.
N-S	North-South.
OF	Open File.
oz.	Ounce.

oz/T	ounces per ton (Imperial measurement). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
oz/st	ounces per short ton (Imperial measurement, same as oz/T). 34.29 g/t (metric tonnes) = 1.00 oz/st (short tons).
Pathfinder	A metallic element associated with an ore element such as silver or gold. Areas of anomalous “pathfinder” elements can suggest the possible presence of ore elements though the latter may not be detected initially.
ppb	Parts per billion.
ppm	Parts per million (1 ppm = 1,000 ppb = 1 g/t).
Protolith	The original rock before it was metamorphosed.
QUEST	Quesnellia Exploration Strategy, a BCGS geophysical survey.
Sedex	Sedimentary-exhalative mineral deposit type.
SE	Southeast.
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

Analytical Methods

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

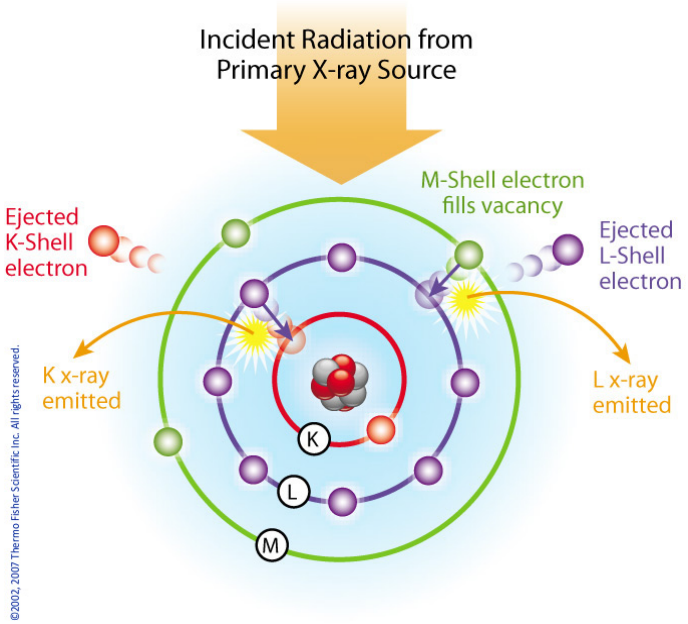
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

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

REFERENCES

REFERENCES

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APPENDIX D

STATEMENT of AUTHOR'S QUALIFICATIONS

Statement of Author's Qualifications

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

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

R. Turna
March 26, 2019

APPENDIX E

STATEMENT of EXPENDITURES

Barker Minerals Ltd.

Work was completed between November 15, 2017 and November 15, 2018

Work was done on claim # 1055646

Event # 5719695

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	8	$ 600.00	$ 4,800.00
Room & board	8	$ 150.00	$ 1,200.00

Colleen Doyle

Report compilation and filing	1	$ 300.00	$ 300.00
Room & board	1	$ 150.00	$ 150.00
			$ 7,950.00

Black Bear East Property - Geochemical - Field Days

	Date	Days	Rate	Subtotal
Louis Doyle -				
Rock sample collection	August 30, 2018	1	$ 600.00	$ 600.00
Rock sample collection	August 31, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 1, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 2, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 3, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 4, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 5, 2018	1	$ 600.00	$ 600.00
Room & Board (day rate)		7	$ 150.00	$ 1,050.00
Vehicle & gas (day rate)		7	$ 150.00	$ 1,050.00
Brian Hall -				
Rock sample collection	August 30, 2018	1	$ 600.00	$ 600.00
Rock sample collection	August 31, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 1, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 2, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 3, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 4, 2018	1	$ 600.00	$ 600.00
Rock sample collection	September 5, 2018	1	$ 600.00	$ 600.00
Room & Board (day rate)		7	$ 150.00	$ 1,050.00

Barker Minerals Ltd.

Work was completed between November 15, 2017 and November 15, 2018

Work was done on claim # 1055646

Event # 5719695

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

	Date	Days	Rate	Subtotal
Louis Doyle -				
Rock sample preparation & XRF assistant	September 1, 2018	1	$ 600.00	$ 600.00
Rock sample preparation & XRF assistant	September 2, 2018	1	$ 600.00	$ 600.00
Rock sample preparation & XRF assistant	September 3, 2018	1	$ 600.00	$ 600.00
Rock sample preparation & XRF assistant	September 4, 2018	1	$ 600.00	$ 600.00
Room & Board (day rate)		4	$ 150.00	$ 600.00
Brian Hall -				
XRF Analysis	September 1, 2018	1	$ 600.00	$ 600.00
XRF Analysis	September 2, 2018	1	$ 600.00	$ 600.00
XRF Analysis	September 3, 2018	1	$ 600.00	$ 600.00
XRF Analysis	September 4, 2018	1	$ 600.00	$ 600.00
Room & Board (day rate)		4	$ 150.00	$ 600.00
XRF rental		12	$ 200.00	$ 2,400.00
				$ 19,950.00

Black Bear East Property - Travel to/from

Louis Doyle				
Travel to/from	August 29, 2018	1	$ 600.00	$ 600.00
Travel to/from	September 5, 2018	1	$ 600.00	$ 600.00
Room & Board (day rate)		2	$ 150.00	$ 300.00
Vehicle & gas (day rate)		2	$ 150.00	$ 300.00
Brian Hall				
Travel to/from	August 29, 2018	1	$ 600.00	$ 600.00
Travel to/from	September 5, 2018	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**

Barker Minerals Ltd.

Work was completed between November 15, 2017 and November 15, 2018

Work was done on claim # 1055646

Event # 5719695

Black Bear East Property - Miscellaneous Expenditures

Exploration supplies & equipment				
Safety equipment (MTC), exploration supplies & equipment, communication devices & quad				
Exploration supplies & equipment			$	275.00
Quad Rental	8	$ 100.00	$	800.00
MTC rental	12	$ 150.00	$	1,800.00
Communication devices				
Hand held radios, satelite phones, Spot emergency locator	8	$ 25.00	$	200.00
	Sub-total		**$**	**3,075.00**

Black Bear East Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**7,950.00**
Geochemical - Field Days	**Sub-total**	**$**	**19,950.00**
Travel to/from	**Sub-total**	**$**	**3,600.00**
Misc. Expenditures	**Sub-total**	**$**	**3,075.00**
	Total	**$**	**34,575.00**

APPENDIX F

ROCK SAMPLE DESCRIPTIONS AND COORDINATES

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment		Magnetic
						XRF Target Features		Y or N
						1 = sample of main mass	4 = sulphide band	
						2 = quartz vein	5 = rusty, altered	
						3 = sulphide bleb	6 = other	
	Black Bear East Rock Sampling - Area A							
4480	BBE18-01	Fig No 9 /Area A	Rock	X = 612908	Y = 5828365	1	Green quartz schist	N
4481	BBE18-01a	Fig No 9 /Area A	Rock	X = 612908	Y = 5828365	1	Green quartz schist	N
4482	BBE18-01b	Fig No 9 /Area A	Rock	X = 612908	Y = 5828365	1	Green quartz schist	N
4483	BBE18-02	Fig No 9 /Area A	Rock	X = 612692	Y = 5828259	1	Green siltstone	N
4484	BBE18-02a	Fig No 9 /Area A	Rock	X = 612692	Y = 5828259	1	Green siltstone	N
4485	BBE18-02b	Fig No 9 /Area A	Rock	X = 612692	Y = 5828259	1	Green siltstone	N
4486	BBE18-03	Fig No 9 /Area A	Rock	X = 612481	Y = 5828280	1	Siltstone	N
4487	BBE18-03a	Fig No 9 /Area A	Rock	X = 612481	Y = 5828280	1	Siltstone	N
4488	BBE18-03b	Fig No 9 /Area A	Rock	X = 612481	Y = 5828280	1	Siltstone	N
4489	BBE18-04	Fig No 9 /Area A	Rock	X = 612388	Y = 5828210	1	Barren quartz vein	N
4490	BBE18-04a	Fig No 9 /Area A	Rock	X = 612388	Y = 5828210	1	Barren quartz vein	N
4491	BBE18-04b	Fig No 9 /Area A	Rock	X = 612388	Y = 5828210	1	Barren quartz vein	N
4492	BBE18-05	Fig No 9 /Area A	Rock	X = 612261	Y = 5828237	1	Barren quartz vein	N
4493	BBE18-05a	Fig No 9 /Area A	Rock	X = 612261	Y = 5828237	1	Barren quartz vein	N
4494	BBE18-05b	Fig No 9 /Area A	Rock	X = 612261	Y = 5828237	1	Barren quartz vein	N
4495	BBE18-06	Fig No 9 /Area A	Rock	X = 612160	Y = 5828174	1	Siltstone	N
4496	BBE18-06a	Fig No 9 /Area A	Rock	X = 612160	Y = 5828174	1	Siltstone	N
4497	BBE18-06b	Fig No 9 /Area A	Rock	X = 612160	Y = 5828174	1	Siltstone	N
4498	BBE18-07	Fig No 9 /Area A	Rock	X = 611980	Y = 5828197	1	Siltstone	N
4499	BBE18-07a	Fig No 9 /Area A	Rock	X = 611980	Y = 5828197	1	Siltstone	N
4500	BBE18-07b	Fig No 9 /Area A	Rock	X = 611980	Y = 5828197	1	Siltstone	N
4501	BBE18-08	Fig No 9 /Area A	Rock	X = 613033	Y = 5828841	1	Grey phyllite	N
4502	BBE18-08a	Fig No 9 /Area A	Rock	X = 613033	Y = 5828841	1	Grey phyllite	N
4503	BBE18-08b	Fig No 9 /Area A	Rock	X = 613033	Y = 5828841	1	Grey phyllite	N
4504	BBE18-08b	Fig No 9 /Area A	Rock	X = 613033	Y = 5828841	1	Grey phyllite	N
4505	BBE18-09	Fig No 9 /Area A	Rock	X = 612940	Y = 5828683	1	Quartz mafic schist	Y
4506	BBE18-09a	Fig No 9 /Area A	Rock	X = 612940	Y = 5828683	1	Quartz mafic schist	Y
4507	BBE18-09b	Fig No 9 /Area A	Rock	X = 612940	Y = 5828683	1	Quartz mafic schist	Y
	Black Bear East Rock Sampling - Area A							

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment		Magnetic
4508	BBE18-10a	Fig No 9 /Area A	Rock	X = 612758	Y = 5828567	1	Quartz mafic schist	N
4509	BBE18-10b	Fig No 9 /Area A	Rock	X = 612758	Y = 5828567	1	Quartz mafic schist	N
4510	BBE18-11	Fig No 9 /Area A	Rock	X = 612657	Y = 5828582	1	Quartz mafic schist	N
4511	BBE18-11a	Fig No 9 /Area A	Rock	X = 612657	Y = 5828582	1	Quartz mafic schist	N
4512	BBE18-11b	Fig No 9 /Area A	Rock	X = 612657	Y = 5828582	1	Quartz mafic schist	N
4513	BBE18-12	Fig No 9 /Area A	Rock	X = 612546	Y = 5828589	1	Siltstone	N
4514	BBE18-12a	Fig No 9 /Area A	Rock	X = 612546	Y = 5828589	1	Siltstone	N
4515	BBE18-12b	Fig No 9 /Area A	Rock	X = 612546	Y = 5828589	1	Siltstone	N
4516	BBE18-13	Fig No 9 /Area A	Rock	X = 612419	Y = 5828498	1	Quartz vein	N
4517	BBE18-13a	Fig No 9 /Area A	Rock	X = 612419	Y = 5828498	1	Quartz vein	N
4518	BBE18-13b	Fig No 9 /Area A	Rock	X = 612419	Y = 5828498	1	Quartz vein	N
4519	BBE18-14	Fig No 9 /Area A	Rock	X = 612277	Y = 5828461	1	Grey phyllite	N
4520	BBE18-14a	Fig No 9 /Area A	Rock	X = 612277	Y = 5828461	1	Grey phyllite	N
4521	BBE18-14b	Fig No 9 /Area A	Rock	X = 612277	Y = 5828461	1	Grey phyllite	N
4522	BBE18-15	Fig No 9 /Area A	Rock	X = 612171	Y = 5828409	1	Grey phyllite	N
4523	BBE18-15a	Fig No 9 /Area A	Rock	X = 612171	Y = 5828409	1	Grey phyllite	N
4524	BBE18-15b	Fig No 9 /Area A	Rock	X = 612171	Y = 5828409	1	Grey phyllite	N
4525	BBE18-15b	Fig No 9 /Area A	Rock	X = 612171	Y = 5828409	1	Grey phyllite	N
4526	BBE18-16	Fig No 9 /Area A	Rock	X = 612097	Y = 5828324	1	Phyllite	N
4527	BBE18-16a	Fig No 9 /Area A	Rock	X = 612097	Y = 5828324	1	Phyllite	N
4528	BBE18-16b	Fig No 9 /Area A	Rock	X = 612097	Y = 5828324	1	Phyllite	N
4529	BBE18-17	Fig No 9 /Area A	Rock	X = 612852	Y = 5829048	1	Green siltstone	N
4530	BBE18-17b	Fig No 9 /Area A	Rock	X = 612852	Y = 5829048	1	Green siltstone	N
4531	BBE18-18	Fig No 9 /Area A	Rock	X = 612743	Y = 5828931	1	Green siltstone	N
4532	BBE18-18a	Fig No 9 /Area A	Rock	X = 612743	Y = 5828931	1	Green siltstone	N
4533	BBE18-18b	Fig No 9 /Area A	Rock	X = 612743	Y = 5828931	1	Green siltstone	N
4534	BBE18-19	Fig No 9 /Area A	Rock	X = 612546	Y = 5828950	1	Mafic volcanic	N
4535	BBE18-19a	Fig No 9 /Area A	Rock	X = 612546	Y = 5828950	1	Mafic volcanic	N
4536	BBE18-19b	Fig No 9 /Area A	Rock	X = 612546	Y = 5828950	1	Mafic volcanic	N
4537	BBE18-20	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Mafic volcanic	N
4538	BBE18-20a	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Mafic volcanic	N
4539	BBE18-20b	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Mafic volcanic	N
4540	BBE18-21	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Green mafic schist	N
4541	BBE18-21a	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Green mafic schist	N

Black Bear East Rock Sampling - Area A

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment		Magnetic
4542	BBE18-21b	Fig No 9 /Area A	Rock	X = 612284	Y = 5828825	1	Green mafic schist	N
4543	BBE18-22a	Fig No 9 /Area A	Rock	X = 612198	Y = 5828752	1	Green mafic schist	N
4544	BBE18-22b	Fig No 9 /Area A	Rock	X = 612198	Y = 5828752	1	Green mafic schist	N
4545	BBE18-23	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4546	BBE18-23a	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4547	BBE18-23b	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4548	BBE18-24	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4549	BBE18-24a	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4550	BBE18-24b	Fig No 9 /Area A	Rock	X = 612160	Y = 5828877	1	Siltstone	N
4551	BBE18-25	Fig No 9 /Area A	Rock	X = 611949	Y = 5828838	1	Siltstone	N
4552	BBE18-22	Fig No 9 /Area A	Rock	X = 612198	Y = 5828752	1	Siltstone	N
4553	BBE18-25a	Fig No 9 /Area A	Rock	X = 611949	Y = 5828838	1	Siltstone	N
4554	BBE18-25b	Fig No 9 /Area A	Rock	X = 611949	Y = 5828838	1	Siltstone	N
4555	BBE18-26	Fig No 9 /Area A	Rock	X = 612377	Y = 5829683	1	Siltstone	N
4556	BBE18-26a	Fig No 9 /Area A	Rock	X = 612377	Y = 5829683	1	Siltstone	N
4557	BBE18-26b	Fig No 9 /Area A	Rock	X = 612377	Y = 5829683	1	Siltstone	N
4558	BBE18-27	Fig No 9 /Area A	Rock	X = 612314	Y = 5829671	1	Siltstone	N
4559	BBE18-27a	Fig No 9 /Area A	Rock	X = 612314	Y = 5829671	1	Siltstone	N
4560	BBE18-27b	Fig No 9 /Area A	Rock	X = 612314	Y = 5829671	1	Siltstone	N
4561	BBE18-28	Fig No 9 /Area A	Rock	X = 612236	Y = 5829590	1	Siltstone	N
4562	BBE18-28a	Fig No 9 /Area A	Rock	X = 612236	Y = 5829590	1	Siltstone	N
4563	BBE18-28b	Fig No 9 /Area A	Rock	X = 612236	Y = 5829590	1	Siltstone	N
4564	BBE18-29	Fig No 9 /Area A	Rock	X = 612191	Y = 5829557	1	Siltstone	N
4565	BBE18-29a	Fig No 9 /Area A	Rock	X = 612191	Y = 5829557	1	Siltstone	N
4566	BBE18-29b	Fig No 9 /Area A	Rock	X = 612191	Y = 5829557	1	Siltstone	N
4567	BBE18-30	Fig No 9 /Area A	Rock	X = 612125	Y = 5829471	1	Siltstone	N
4568	BBE18-30a	Fig No 9 /Area A	Rock	X = 612125	Y = 5829471	1	Siltstone	N
4569	BBE18-30b	Fig No 9 /Area A	Rock	X = 612125	Y = 5829471	1	Siltstone	N
4570	BBE18-31	Fig No 9 /Area A	Rock	X = 612038	Y = 5829451	1	Siltstone	N
4571	BBE18-31a	Fig No 9 /Area A	Rock	X = 612038	Y = 5829451	1	Siltstone	N
4572	BBE18-31b	Fig No 9 /Area A	Rock	X = 612038	Y = 5829451	1	Siltstone	N
4573	BBE18-32	Fig No 9 /Area A	Rock	X = 611972	Y = 5829377	1	Siltstone	N
4574	BBE18-32a	Fig No 9 /Area A	Rock	X = 611972	Y = 5829377	1	Siltstone	N

Black Bear East Rock Sampling - Area A

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4575	BBE18-32b	Fig No 9 /Area A	Rock	X = 611972	Y = 5829377	1 Siltstone	N
4576	BBE18-33	Fig No 9 /Area A	Rock	X = 611890	Y = 5829357	1 Quartz vein	N
4577	BBE18-33a	Fig No 9 /Area A	Rock	X = 611890	Y = 5829357	1 Quartz vein	N
4578	BBE18-33b	Fig No 9 /Area A	Rock	X = 611890	Y = 5829357	1 Quartz vein	N
4579	BBE18-34	Fig No 9 /Area A	Rock	X = 611797	Y = 5829329	1 Quartz vein	N
4580	BBE18-34a	Fig No 9 /Area A	Rock	X = 611797	Y = 5829329	1 Quartz vein	N
4581	BBE18-34b	Fig No 9 /Area A	Rock	X = 611797	Y = 5829329	1 Quartz vein	N
4582	BBE18-35	Fig No 9 /Area A	Rock	X = 611708	Y = 5829311	1 Quartz vein	N
4583	BBE18-35a	Fig No 9 /Area A	Rock	X = 611708	Y = 5829311	1 Quartz vein	N
4584	BBE18-35b	Fig No 9 /Area A	Rock	X = 611708	Y = 5829311	1 Quartz vein	N
4585	BBE18-36	Fig No 9 /Area A	Rock	X = 612900	Y = 5829290	1 Quartz vein	N
4586	BBE18-36a	Fig No 9 /Area A	Rock	X = 612900	Y = 5829290	1 Quartz vein	N
4587	BBE18-36b	Fig No 9 /Area A	Rock	X = 612900	Y = 5829290	1 Quartz vein	N
4588	BBE18-37	Fig No 9 /Area A	Rock	X = 612713	Y = 5829235	1 Quartz vein - bull quartz	N
4589	BBE18-37a	Fig No 9 /Area A	Rock	X = 612713	Y = 5829235	1 Quartz vein - bull quartz	N
4590	BBE18-37b	Fig No 9 /Area A	Rock	X = 612713	Y = 5829235	1 Quartz vein - bull quartz	N
4591	BBE18-38	Fig No 9 /Area A	Rock	X = 612560	Y = 5829172	1 Quartz vein	N
4592	BBE18-38a	Fig No 9 /Area A	Rock	X = 612560	Y = 5829172	1 Quartz vein	N
4593	BBE18-38b	Fig No 9 /Area A	Rock	X = 612560	Y = 5829172	1 Quartz vein	N
4594	BBE18-39	Fig No 9 /Area A	Rock	X = 612617	Y = 5829367	1 Quartz vein	N
4595	BBE18-39a	Fig No 9 /Area A	Rock	X = 612617	Y = 5829367	1 Quartz vein	N
4596	BBE18-39b	Fig No 9 /Area A	Rock	X = 612617	Y = 5829367	1 Quartz vein	N
4597	BBE18-40	Fig No 9 /Area A	Rock	X = 612716	Y = 5829470	1 Green mafic schist	N
4598	BBE18-40a	Fig No 9 /Area A	Rock	X = 612716	Y = 5829470	1 Green mafic schist	N
4599	BBE18-40b	Fig No 9 /Area A	Rock	X = 612716	Y = 5829470	1 Green mafic schist	N
4600	BBE18-41	Fig No 9 /Area A	Rock	X = 612696	Y = 5829571	1 Siltstone	N
4601	BBE18-41a	Fig No 9 /Area A	Rock	X = 612696	Y = 5829571	1 Siltstone	N
4602	BBE18-41b	Fig No 9 /Area A	Rock	X = 612696	Y = 5829571	1 Siltstone	N

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Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4603	BBE18-42	Fig No 10 /Area B	Rock	X = 612682	Y = 5829737	1 Siltstone	N
4604	BBE18-42a	Fig No 10 /Area B	Rock	X = 612682	Y = 5829737	1 Siltstone	N
4605	BBE18-42b	Fig No 10 /Area B	Rock	X = 612682	Y = 5829737	1 Siltstone	N
4606	BBE18-43	Fig No 10 /Area B	Rock	X = 612784	Y = 5829829	1 Siltstone	N
4607	BBE18-43a	Fig No 10 /Area B	Rock	X = 612784	Y = 5829829	1 Siltstone	N
4608	BBE18-43b	Fig No 10 /Area B	Rock	X = 612784	Y = 5829829	1 Siltstone	N
4609	BBE18-44	Fig No 10 /Area B	Rock	X = 613124	Y = 5830130	1 Siltstone	N
4610	BBE18-44a	Fig No 10 /Area B	Rock	X = 613124	Y = 5830130	1 Siltstone	N
4611	BBE18-44b	Fig No 10 /Area B	Rock	X = 613124	Y = 5830130	1 Siltstone	N
4612	BBE18-45	Fig No 10 /Area B	Rock	X = 613116	Y = 5830234	1 White quartz vein	N
4613	BBE18-45a	Fig No 10 /Area B	Rock	X = 613116	Y = 5830234	1 White quartz vein	N
4614	BBE18-45b	Fig No 10 /Area B	Rock	X = 613116	Y = 5830234	1 White quartz vein	N
4615	BBE18-46	Fig No 10 /Area B	Rock	X = 613116	Y = 5830306	1 White quartz vein	N
4616	BBE18-46a	Fig No 10 /Area B	Rock	X = 613116	Y = 5830306	1 White quartz vein	N
4617	BBE18-46b	Fig No 10 /Area B	Rock	X = 613116	Y = 5830306	1 White quartz vein	N
4618	BBE18-47	Fig No 10 /Area B	Rock	X = 613074	Y = 5830332	1 Siltstone	N
4619	BBE18-47a	Fig No 10 /Area B	Rock	X = 613074	Y = 5830332	1 Siltstone	N
4620	BBE18-47b	Fig No 10 /Area B	Rock	X = 613074	Y = 5830332	1 Siltstone	N
4621	BBE18-48	Fig No 10 /Area B	Rock	X = 613105	Y = 5830396	1 Siltstone	N
4622	BBE18-48a	Fig No 10 /Area B	Rock	X = 613105	Y = 5830396	1 Siltstone	N
4623	BBE18-48b	Fig No 10 /Area B	Rock	X = 613105	Y = 5830396	1 Siltstone	N
4624	BBE18-49	Fig No 10 /Area B	Rock	X = 613057	Y = 5830550	1 Siltstone	N
4625	BBE18-49a	Fig No 10 /Area B	Rock	X = 613057	Y = 5830550	1 Siltstone	N
4626	BBE18-49b	Fig No 10 /Area B	Rock	X = 613057	Y = 5830550	1 Siltstone	N
4627	BBE18-50	Fig No 10 /Area B	Rock	X = 612962	Y = 5830210	1 Quartz vein	N
4628	BBE18-50a	Fig No 10 /Area B	Rock	X = 612962	Y = 5830210	1 Quartz vein	N
4629	BBE18-50b	Fig No 10 /Area B	Rock	X = 612962	Y = 5830210	1 Quartz vein	N
4630	BBE18-51	Fig No 10 /Area B	Rock	X = 612939	Y = 5830263	1 Siltstone	N
4631	BBE18-51a	Fig No 10 /Area B	Rock	X = 612939	Y = 5830263	1 Siltstone	N
4632	BBE18-51b	Fig No 10 /Area B	Rock	X = 612939	Y = 5830263	1 Siltstone	N
4633	BBE18-52	Fig No 10 /Area B	Rock	X = 612935	Y = 5830359	1 Siltstone	N
4634	BBE18-52a	Fig No 10 /Area B	Rock	X = 612935	Y = 5830359	1 Siltstone	N
4635	BBE18-52b	Fig No 10 /Area B	Rock	X = 612935	Y = 5830359	1 Siltstone	N

Black Bear East Rock Sampling - Area B

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4636	BBE18-53	Fig No 10 /Area B	Rock	X = 612920	Y = 5830452	1 Siltstone	N
4637	BBE18-53a	Fig No 10 /Area B	Rock	X = 612920	Y = 5830452	1 Siltstone	N
4638	BBE18-53b	Fig No 10 /Area B	Rock	X = 612920	Y = 5830452	1 Siltstone	N
4639	BBE18-54	Fig No 10 /Area B	Rock	X = 612867	Y = 5830454	1 Siltstone	N
4640	BBE18-54a	Fig No 10 /Area B	Rock	X = 612867	Y = 5830454	1 Siltstone	N
4641	BBE18-54b	Fig No 10 /Area B	Rock	X = 612867	Y = 5830454	1 Siltstone	N
4642	BBE18-55	Fig No 10 /Area B	Rock	X = 612895	Y = 5830540	1 Siltstone	N
4643	BBE18-55a	Fig No 10 /Area B	Rock	X = 612895	Y = 5830540	1 Siltstone	N
4644	BBE18-55b	Fig No 10 /Area B	Rock	X = 612895	Y = 5830540	1 Siltstone	N
4645	BBE18-56	Fig No 10 /Area B	Rock	X = 612785	Y = 5830581	1 Siltstone	N
4646	BBE18-56a	Fig No 10 /Area B	Rock	X = 612785	Y = 5830581	1 Siltstone	N
4647	BBE18-56b	Fig No 10 /Area B	Rock	X = 612785	Y = 5830581	1 Siltstone	N
4648	BBE18-57	Fig No 10 /Area B	Rock	X = 612778	Y = 5830400	1 Siltstone	N
4649	BBE18-57a	Fig No 10 /Area B	Rock	X = 612778	Y = 5830400	1 Siltstone	N
4650	BBE18-57b	Fig No 10 /Area B	Rock	X = 612778	Y = 5830400	1 Siltstone	N
4651	BBE18-58	Fig No 10 /Area B	Rock	X = 612789	Y = 5830287	1 Siltstone	N
4652	BBE18-58a	Fig No 10 /Area B	Rock	X = 612789	Y = 5830287	1 Siltstone	N
4653	BBE18-58b	Fig No 10 /Area B	Rock	X = 612789	Y = 5830287	1 Siltstone	N
4654	BBE18-59	Fig No 10 /Area B	Rock	X = 612862	Y = 5830195	1 Siltstone	N
4655	BBE18-59a	Fig No 10 /Area B	Rock	X = 612862	Y = 5830195	1 Siltstone	N
4656	BBE18-59b	Fig No 10 /Area B	Rock	X = 612862	Y = 5830195	1 Siltstone	N
4657	BBE18-60	Fig No 10 /Area B	Rock	X = 612844	Y = 5830099	1 Siltstone	N
4658	BBE18-60a	Fig No 10 /Area B	Rock	X = 612844	Y = 5830099	1 Siltstone	N
4659	BBE18-60b	Fig No 10 /Area B	Rock	X = 612844	Y = 5830099	1 Siltstone	N
4660	BBE18-61	Fig No 10 /Area B	Rock	X = 612725	Y = 5830188	1 Siltstone	N
4661	BBE18-61a	Fig No 10 /Area B	Rock	X = 612725	Y = 5830188	1 Siltstone	N
4662	BBE18-61b	Fig No 10 /Area B	Rock	X = 612725	Y = 5830188	1 Siltstone	N
4663	BBE18-62	Fig No 10 /Area B	Rock	X = 612715	Y = 5830341	1 Quartz vein	N
4664	BBE18-62a	Fig No 10 /Area B	Rock	X = 612715	Y = 5830341	1 Quartz vein	N
4665	BBE18-62b	Fig No 10 /Area B	Rock	X = 612715	Y = 5830341	1 Quartz vein	N
4666	BBE18-63	Fig No 10 /Area B	Rock	X = 612700	Y = 5830547	1 Quartz vein	N
4667	BBE18-63a	Fig No 10 /Area B	Rock	X = 612700	Y = 5830547	1 Quartz vein	N
4668	BBE18-63b	Fig No 10 /Area B	Rock	X = 612700	Y = 5830547	1 Quartz vein	N
4669	BBE18-64	Fig No 10 /Area B	Rock	X = 612681	Y = 5830695	1 Quartz vein	N

Black Bear East Rock Sampling - Area B

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4670	BBE18-64a	Fig No 10 /Area B	Rock	X = 612681	Y = 5830695	1 Siltstone	N
4671	BBE18-64b	Fig No 10 /Area B	Rock	X = 612681	Y = 5830695	1 Siltstone	N
4672	BBE18-65	Fig No 10 /Area B	Rock	X = 612632	Y = 5830742	1 Siltstone	N
4673	BBE18-65a	Fig No 10 /Area B	Rock	X = 612632	Y = 5830742	1 Siltstone	N
4674	BBE18-65b	Fig No 10 /Area B	Rock	X = 612632	Y = 5830742	1 Siltstone	N
4675	BBE18-66	Fig No 10 /Area B	Rock	X = 612562	Y = 5830666	1 Siltstone	N
4676	BBE18-66a	Fig No 10 /Area B	Rock	X = 612562	Y = 5830666	1 Siltstone	N
4677	BBE18-66b	Fig No 10 /Area B	Rock	X = 612562	Y = 5830666	1 Siltstone	N
4678	BBE18-67	Fig No 10 /Area B	Rock	X = 612590	Y = 5830608	1 Siltstone	N
4679	BBE18-67a	Fig No 10 /Area B	Rock	X = 612590	Y = 5830608	1 Siltstone	N
4680	BBE18-67b	Fig No 10 /Area B	Rock	X = 612590	Y = 5830608	1 Siltstone	N
4681	BBE18-68	Fig No 10 /Area B	Rock	X = 612598	Y = 5830566	1 Siltstone	N
4682	BBE18-68a	Fig No 10 /Area B	Rock	X = 612598	Y = 5830566	1 Siltstone	N
4683	BBE18-68b	Fig No 10 /Area B	Rock	X = 612598	Y = 5830566	1 Siltstone	N
4684	BBE18-69	Fig No 10 /Area B	Rock	X = 612595	Y = 5830510	1 Siltstone	N
4685	BBE18-69a	Fig No 10 /Area B	Rock	X = 612595	Y = 5830510	1 Siltstone	N
4686	BBE18-69b	Fig No 10 /Area B	Rock	X = 612595	Y = 5830510	1 Siltstone	N
4687	BBE18-70	Fig No 10 /Area B	Rock	X = 612602	Y = 5830426	1 Siltstone	N
4688	BBE18-70a	Fig No 10 /Area B	Rock	X = 612602	Y = 5830426	1 Siltstone	N
4689	BBE18-70b	Fig No 10 /Area B	Rock	X = 612602	Y = 5830426	1 Siltstone	N
4690	BBE18-71	Fig No 10 /Area B	Rock	X = 612584	Y = 5830318	1 Siltstone	N
4691	BBE18-71a	Fig No 10 /Area B	Rock	X = 612584	Y = 5830318	1 Siltstone	N
4692	BBE18-71b	Fig No 10 /Area B	Rock	X = 612584	Y = 5830318	1 Siltstone	N
4693	BBE18-72	Fig No 10 /Area B	Rock	X = 612591	Y = 5830172	1 Siltstone	N
4694	BBE18-72a	Fig No 10 /Area B	Rock	X = 612591	Y = 5830172	1 Siltstone	N
4695	BBE18-72b	Fig No 10 /Area B	Rock	X = 612591	Y = 5830172	1 Siltstone	N
4696	BBE18-73	Fig No 10 /Area B	Rock	X = 612534	Y = 5830045	1 Siltstone	N
4697	BBE18-73a	Fig No 10 /Area B	Rock	X = 612534	Y = 5830045	1 Siltstone	N
4698	BBE18-73b	Fig No 10 /Area B	Rock	X = 612534	Y = 5830045	1 Siltstone	N
4699	BBE18-74	Fig No 9 /Area A	Rock	X = 613439	Y = 5829171	1 Siltstone	N
4700	BBE18-74a	Fig No 9 /Area A	Rock	X = 613439	Y = 5829171	1 Siltstone	N
4701	BBE18-74b	Fig No 9 /Area A	Rock	X = 613439	Y = 5829171	1 Siltstone	N
4702	BBE18-75	Fig No 9 /Area A	Rock	X = 613404	Y = 5829080	1 Siltstone	N

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4703	BBE18-75a	Fig No 9 /Area A	Rock	X = 613404	Y = 5829080	1 Quartz veins	N
4704	BBE18-75b	Fig No 9 /Area A	Rock	X = 613404	Y = 5829080	1 Quartz veins	N
4705	BBE18-76	Fig No 9 /Area A	Rock	X = 613377	Y = 5828980	1 Quartz veins	N
4706	BBE18-76a	Fig No 9 /Area A	Rock	X = 613377	Y = 5828980	1 Quartz veins	N
4707	BBE18-76b	Fig No 9 /Area A	Rock	X = 613377	Y = 5828980	1 Quartz veins	N
4708	BBE18-77	Fig No 9 /Area A	Rock	X = 613354	Y = 5828881	1 Quartz veins	N
4709	BBE18-77a	Fig No 9 /Area A	Rock	X = 613354	Y = 5828881	1 Quartz veins	N
4710	BBE18-77b	Fig No 9 /Area A	Rock	X = 613354	Y = 5828881	1 Quartz veins	N
4711	BBE18-78	Fig No 9 /Area A	Rock	X = 613322	Y = 5828843	1 Quartz veins	N
4712	BBE18-78a	Fig No 9 /Area A	Rock	X = 613322	Y = 5828843	1 Quartz veins	N
4713	BBE18-78b	Fig No 9 /Area A	Rock	X = 613322	Y = 5828843	1 Quartz veins	N
4714	BBE18-79	Fig No 9 /Area A	Rock	X = 613251	Y = 5828902	1 Quartz veins	N
4715	BBE18-79a	Fig No 9 /Area A	Rock	X = 613251	Y = 5828902	1 Quartz veins	N
4716	BBE18-79b	Fig No 9 /Area A	Rock	X = 613251	Y = 5828902	1 Quartz veins	N
4717	BBE18-80	Fig No 9 /Area A	Rock	X = 613249	Y = 5829031	1 Quartz veins	N
4718	BBE18-80	Fig No 9 /Area A	Rock	X = 613249	Y = 5829031	1 Quartz veins	N
4719	BBE18-80a	Fig No 9 /Area A	Rock	X = 613249	Y = 5829031	1 Quartz veins	N
4720	BBE18-80b	Fig No 9 /Area A	Rock	X = 613249	Y = 5829031	1 Quartz veins	N
4721	BBE18-81	Fig No 9 /Area A	Rock	X = 613308	Y = 5829146	1 Quartz veins	N
4722	BBE18-81a	Fig No 9 /Area A	Rock	X = 613308	Y = 5829146	1 Quartz veins	N
4723	BBE18-81b	Fig No 9 /Area A	Rock	X = 613308	Y = 5829146	1 Quartz veins	N
4724	BBE18-82	Fig No 9 /Area A	Rock	X = 613081	Y = 5829494	1 Quartz veins	N
4725	BBE18-82a	Fig No 9 /Area A	Rock	X = 613081	Y = 5829494	1 Quartz veins	N
4726	BBE18-82b	Fig No 9 /Area A	Rock	X = 613081	Y = 5829494	1 Quartz veins	N
4727	BBE18-83	Fig No 9 /Area A	Rock	X = 612999	Y = 5829627	1 Quartz veins	N
4728	BBE18-83a	Fig No 9 /Area A	Rock	X = 612999	Y = 5829627	1 Quartz veins	N
4729	BBE18-83b	Fig No 9 /Area A	Rock	X = 612999	Y = 5829627	1 Quartz veins	N
4730	BBE18-84	Fig No 10 /Area B	Rock	X = 612999	Y = 5829805	1 Quartz veins	N
4731	BBE18-84a	Fig No 10 /Area B	Rock	X = 612999	Y = 5829805	1 Quartz veins	N
4732	BBE18-84b	Fig No 10 /Area B	Rock	X = 612999	Y = 5829805	1 Quartz veins	N
4733	BBE18-85	Fig No 10 /Area B	Rock	X = 612961	Y = 5829938	1 Quartz veins	N
4734	BBE18-85a	Fig No 10 /Area B	Rock	X = 612961	Y = 5829938	1 Quartz veins	N
4735	BBE18-85b	Fig No 10 /Area B	Rock	X = 612961	Y = 5829938	1 Quartz veins	N
4736	BBE18-86	Fig No 10 /Area B	Rock	X = 613281	Y = 5830937	1 Quartz veins	N

Black Bear East Rock Sampling - Area B

Table No. 2

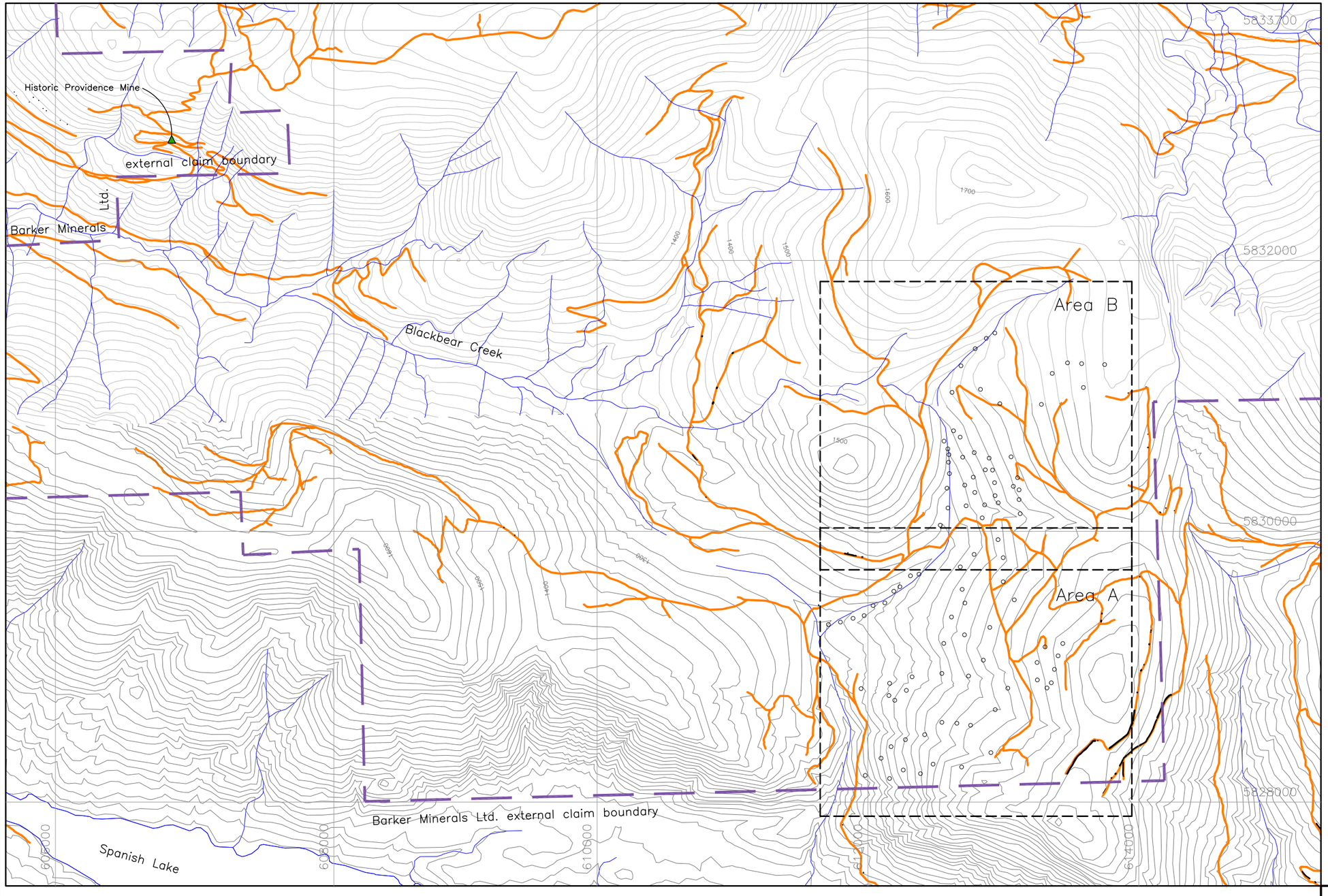
Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF	Target and Description and Comment	Magnetic
4737	BBE18-86a	Fig No 10 /Area B	Rock	X = 613281	Y = 5830937	1	Quartz veins	N
4738	BBE18-86b	Fig No 10 /Area B	Rock	X = 613281	Y = 5830937	1	Quartz veins	N
4739	BBE18-87	Fig No 10 /Area B	Rock	X = 613361	Y = 5831166	1	Quartz veins	N
4740	BBE18-87a	Fig No 10 /Area B	Rock	X = 613361	Y = 5831166	1	Quartz veins	N
4741	BBE18-87b	Fig No 10 /Area B	Rock	X = 613361	Y = 5831166	1	Quartz veins	N
4742	BBE18-88	Fig No 10 /Area B	Rock	X = 613474	Y = 5831244	1	Quartz veins	N
4743	BBE18-88a	Fig No 10 /Area B	Rock	X = 613474	Y = 5831244	1	Quartz veins	N
4744	BBE18-88b	Fig No 10 /Area B	Rock	X = 613474	Y = 5831244	1	Quartz veins	N
4745	BBE18-89	Fig No 10 /Area B	Rock	X = 613578	Y = 5831238	1	Quartz veins	N
4746	BBE18-89a	Fig No 10 /Area B	Rock	X = 613578	Y = 5831238	1	Quartz veins	N
4747	BBE18-89b	Fig No 10 /Area B	Rock	X = 613578	Y = 5831238	1	Quartz veins	N
4748	BBE18-90	Fig No 10 /Area B	Rock	X = 613748	Y = 5831231	1	Quartz veins	N
4749	BBE18-90a	Fig No 10 /Area B	Rock	X = 613748	Y = 5831231	1	Quartz veins	N
4750	BBE18-90b	Fig No 10 /Area B	Rock	X = 613748	Y = 5831231	1	Quartz veins	N
4751	BBE18-91	Fig No 10 /Area B	Rock	X = 613591	Y = 5831062	1	Quartz veins	N
4752	BBE18-91a	Fig No 10 /Area B	Rock	X = 613591	Y = 5831062	1	Quartz veins	N
4753	BBE18-91b	Fig No 10 /Area B	Rock	X = 613591	Y = 5831062	1	Quartz veins	N
4754	BBE18-92	Fig No 10 /Area B	Rock	X = 612974	Y = 5830942	1	Quartz veins	N
4755	BBE18-92a	Fig No 10 /Area B	Rock	X = 612974	Y = 5830942	1	Quartz veins	N
4756	BBE18-92b	Fig No 10 /Area B	Rock	X = 612974	Y = 5830942	1	Quartz veins	N
4757	BBE18-93	Fig No 10 /Area B	Rock	X = 612831	Y = 5831048	1	Siltstone	N
4758	BBE18-93a	Fig No 10 /Area B	Rock	X = 612831	Y = 5831048	1	Siltstone	N
4759	BBE18-93b	Fig No 10 /Area B	Rock	X = 612831	Y = 5831048	1	Siltstone	N
4760	BBE18-94	Fig No 10 /Area B	Rock	X = 612937	Y = 5831464	1	Siltstone	N
4761	BBE18-94	Fig No 10 /Area B	Rock	X = 612937	Y = 5831464	1	Siltstone	N
4762	BBE18-94a	Fig No 10 /Area B	Rock	X = 612937	Y = 5831464	1	Siltstone	N
4763	BBE18-94b	Fig No 10 /Area B	Rock	X = 612937	Y = 5831464	1	Siltstone	N
4764	BBE18-95	Fig No 10 /Area B	Rock	X = 612874	Y = 5831425	1	Siltstone	N
4765	BBE18-95a	Fig No 10 /Area B	Rock	X = 612874	Y = 5831425	1	Siltstone	N
4766	BBE18-95b	Fig No 10 /Area B	Rock	X = 612874	Y = 5831425	1	Siltstone	N
4767	BBE18-96	Fig No 10 /Area B	Rock	X = 612792	Y = 5831349	1	Siltstone	N
4768	BBE18-96a	Fig No 10 /Area B	Rock	X = 612792	Y = 5831349	1	Siltstone	N
4769	BBE18-96b	Fig No 10 /Area B	Rock	X = 612792	Y = 5831349	1	Siltstone	N
	Black Bear East Rock Sampling - Area B							
4770	BBE18-97	Fig No 10 /Area B	Rock	X = 612687	Y = 5831222	1	Siltstone	N

Table No. 2

Black Bear East Rock Sample Coordinates and Descriptions

XRF No.	Field No.	Fig. No. / Area	Type	Easting (X)	Northing (Y)	XRF Target and Description and Comment	Magnetic
4771	BBE18-97a	Fig No 10 /Area B	Rock	X = 612687	Y = 5831222	1 Siltstone	N
4772	BBE18-97b	Fig No 10 /Area B	Rock	X = 612687	Y = 5831222	1 Siltstone	N
4773	BBE18-98	Fig No 10 /Area B	Rock	X = 612621	Y = 5831026	1 Siltstone	N
4774	BBE18-98a	Fig No 10 /Area B	Rock	X = 612621	Y = 5831026	1 Siltstone	N
4775	BBE18-98b	Fig No 10 /Area B	Rock	X = 612621	Y = 5831026	1 Siltstone	N



Decreasing 0.05° annualy

19.0°

True North

Magnetic North

2007

UTM Coordinate System
Map Datum: NAD 83
Zone: 10

For Area A see Figure No. 9
For Area B see Figure No. 10

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond

Road

○ 2018 sample location

Scale 1:30,000
metres

0 300 600 900 1,200 1,500

BARKER MINERALS LTD.

Black Bear East Property

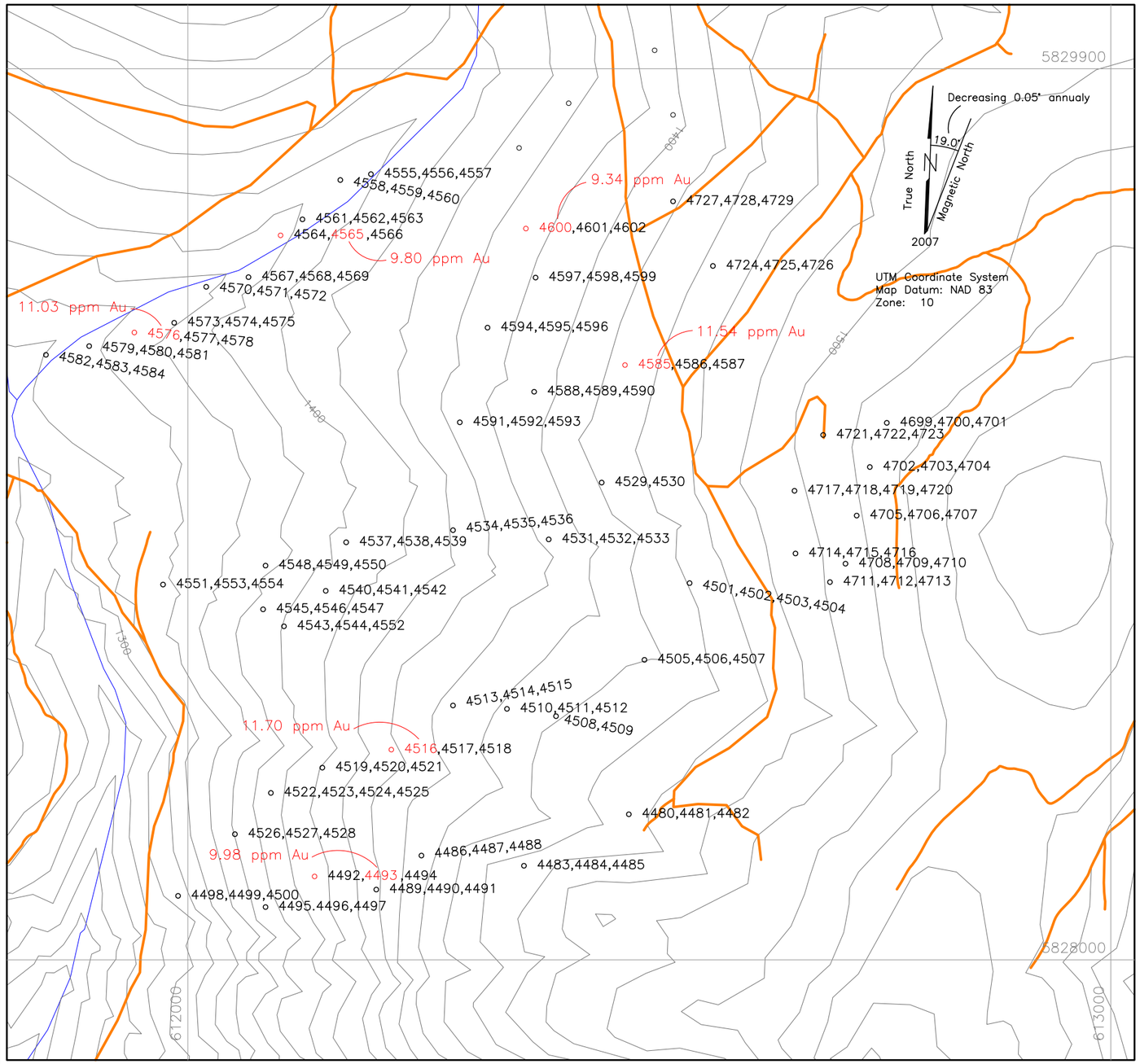
Keymap

of Black Bear East Areas A and B

.

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14	Date: March 26, 2019
	Fig.No. 8



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

XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au
4480	48			4531	198			4582	31		
4481	33	27		4532	95	50		4583	40		
4482	55			4533	88	46		4584	21		
4483	36	40		4534	50	156		4585	16		**9.34**
4484	64			4535	52	69		4586	64	20	
4485	38			4536	71	57		4587	25		
4486	70			4537	92	1627		4588	27		
4487	48			4538	52	2528		4589	43	17	
4488	68			4539	80	729		4590	116	87	
4489	85	42		4540	21			4591	11		
4490	28			4541	24			4592	14		
4491	93	29		4542	32	44		4593	60		
4492	117	33		4543	36			4594	43	34	
4493	90	36	**9.98**	4544	45			4595	37	17	
4494	13			4545	24			4596	59		
4495	16			4546	49	61		4597	70	82	
4496	64	44		4547	39	22		4598	134	489	
4497	23			4548	44	138		4599	87	99	
4498	69			4549	55			4600	1967	39	**11.54**
4499	141	29		4550	38			4601			
4500	72	31		4551	41	33		4602	1802	26	
4501	36			4552	32			4699	23		
4502	77	61		4553	34			4700	22		
4503	152	531		4554	53			4701	53	23	
4504	89	123		4555	41			4702	31	20	
4505	66	29		4556	42	17		4703	11		
4506	126	27		4557	46			4704	68		
4507	65	70		4558	22			4705	28	26	
4508	87	81		4559	21			4706	55		
4509	39	32		4560	35			4707	50	45	
4510	73	76		4561	32			4708	10		
4511	56	95		4562	41	26		4709	36	27	
4512	77	85		4563	26	25		4710	33	20	
4513	67			4564	18			4711	50	39	
4514	48	21		4565	40	29	**9.80**	4712	24		
4515	111			4566	171	156		4713	84	72	
4516	101	47	**11.70**	4567	47	44		4714	111	33	
4517	60	27		4568	32	34		4715	56		
4518	96	51		4569	44			4716	70		
4519	113	51		4570	24	21		4717	550		
4520	105	102		4571	52	61		4718	24	16	
4521	78			4572	33	21		4719	112	38	
4522	43			4573	62	56		4720	55	31	
4523	32			4574	33	36		4721	28	27	
4524	28			4575	35			4722	85		
4525	32	17		4576	34	29	**11.03**	4723	54		
4526	23	25		4577	41	36		4724	72	41	
4527	117	37		4578	54	97		4725	92	44	
4528	31	20		4579	43			4726	98	40	
4529	65	27		4580	28			4727	93	102	
4530	132	43		4581	81	29		4728	81	28	
								4729	78	108	

Au results over level of detection marked in red.
Zn and Cu results over 100 ppm marked in red.

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

LEGEND

1000 Topographic Contour & Elevation Contour interval 20 metres

Creek, Pond

Road

2018 sample location and number

Scale 1:10,000
metres
0 250 500

BARKER MINERALS LTD.

Black Bear East Property

Area A

Sample Numbers and
Zn, Cu, Au Geochemistry

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14

Date: March 26, 2019

Fig.No. 9

Table No. 3

Black Bear East Area A - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
	In all cases <LOD means below level of detection.				Values for Au are coloured red.											Values for Pb and Zn over 1,000 ppm are coloured red.																	
	Black Bear East Area A																															
4480	Fig No 9 /Area A	float	ppm	BBE18-01	< LOD	66	6	< LOD	10	4	< LOD	< LOD	< LOD	: < LOD	< LOD	48	< LOD	< LOD	< LOD	< LOD	25439	300	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	92	< LOD	: 495	.
4481	Fig No 9 /Area A	float	ppm	BBE18-01a	< LOD	37	4	< LOD	12	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	33	< LOD	27	< LOD	< LOD	30775	652	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4482	Fig No 9 /Area A	float	ppm	BBE18-01b	< LOD	188	45	9	132	24	< LOD	< LOD	17	< LOD	< LOD	55	85	< LOD	< LOD	< LOD	25970	< LOD	: < LOD	< LOD	< LOD	< LOD	15	2	< LOD	110	75	1610	.
4483	Fig No 9 /Area A	float	ppm	BBE18-02	< LOD	47	4	< LOD	15	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	36	< LOD	40	< LOD	< LOD	54846	1017	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD	: < LOD	.
4484	Fig No 9 /Area A	float	ppm	BBE18-02a	< LOD	92	8	< LOD	12	14	< LOD	< LOD	< LOD	: < LOD	< LOD	64	< LOD	< LOD	< LOD	< LOD	38689	< LOD	: < LOD	< LOD	< LOD	< LOD	4	< LOD	< LOD	69	< LOD	: < LOD	.
4485	Fig No 9 /Area A	float	ppm	BBE18-02b	< LOD	55	5	< LOD	10	4	< LOD	< LOD	< LOD	: < LOD	< LOD	38	< LOD	< LOD	< LOD	< LOD	11569	205	< LOD	< LOD	< LOD	< LOD	4	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4486	Fig No 9 /Area A	float	ppm	BBE18-03	< LOD	120	11	< LOD	12	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	70	< LOD	< LOD	192	< LOD	125791	2128	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4487	Fig No 9 /Area A	float	ppm	BBE18-03a	< LOD	173	15	< LOD	12	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	48	< LOD	< LOD	< LOD	< LOD	14623	< LOD	: < LOD	< LOD	< LOD	< LOD	4	2	< LOD	< LOD	< LOD	: < LOD	.
4488	Fig No 9 /Area A	float	ppm	BBE18-03b	< LOD	215	18	< LOD	45	16	< LOD	< LOD	< LOD	: < LOD	< LOD	68	< LOD	< LOD	< LOD	< LOD	29431	< LOD	: < LOD	< LOD	< LOD	< LOD	5	< LOD	< LOD	< LOD	< LOD	: 1945	.
4489	Fig No 9 /Area A	float	ppm	BBE18-04	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD	66	< LOD	< LOD	85	< LOD	42	175	< LOD	105110	1007	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4490	Fig No 9 /Area A	float	ppm	BBE18-04a	< LOD	3	2	< LOD	5	< LOD	< LOD	< LOD	8	< LOD	< LOD	28	< LOD	< LOD	< LOD	< LOD	16769	157	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4491	Fig No 9 /Area A	float	ppm	BBE18-04b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	108	< LOD	< LOD	93	< LOD	29	144	< LOD	112040	1106	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4492	Fig No 9 /Area A	float	ppm	BBE18-05	< LOD	84	37	9	119	20	50	< LOD	< LOD	: < LOD	< LOD	117	< LOD	33	105	< LOD	24765	9333	< LOD	< LOD	< LOD	< LOD	10	2	< LOD	< LOD	< LOD	: < LOD	.
4493	Fig No 9 /Area A	float	ppm	BBE18-05a	< LOD	142	44	17	126	30	< LOD	< LOD	< LOD	: < LOD	9.98	90	< LOD	36	133	< LOD	71115	2987	< LOD	< LOD	< LOD	< LOD	18	3	< LOD	< LOD	< LOD	: < LOD	.
4494	Fig No 9 /Area A	float	ppm	BBE18-05b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	13	< LOD	< LOD	< LOD	< LOD	8648	259	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	65	25	188	.
4495	Fig No 9 /Area A	float	ppm	BBE18-06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD	< LOD	: < LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	17678	242	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4496	Fig No 9 /Area A	float	ppm	BBE18-06a	< LOD	317	50	10	151	45	25	< LOD	< LOD	: < LOD	< LOD	64	< LOD	44	< LOD	< LOD	16716	2408	< LOD	< LOD	< LOD	< LOD	24	8	< LOD	291	< LOD	: 8003	.
4497	Fig No 9 /Area A	float	ppm	BBE18-06b	< LOD	< LOD	< LOD	< LOD	3	< LOD	15	< LOD	< LOD	: 7	< LOD	23	< LOD	< LOD	106	< LOD	42596	337	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	18	< LOD	< LOD	: < LOD	.
4498	Fig No 9 /Area A	float	ppm	BBE18-07	< LOD	215	21	< LOD	34	20	299	< LOD	< LOD	: < LOD	< LOD	69	< LOD	< LOD	< LOD	< LOD	45686	1563	< LOD	< LOD	< LOD	< LOD	5	2	< LOD	< LOD	< LOD	: < LOD	.
4499	Fig No 9 /Area A	float	ppm	BBE18-07a	< LOD	182	10	< LOD	18	< LOD	73	< LOD	< LOD	: 9	< LOD	141	< LOD	29	204	< LOD	96811	2941	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: 1374	.
4500	Fig No 9 /Area A	float	ppm	BBE18-07b	< LOD	384	53	10	156	37	< LOD	< LOD	17	< LOD	< LOD	72	< LOD	31	< LOD	< LOD	16044	890	< LOD	< LOD	< LOD	< LOD	20	5	< LOD	230	225	6994	.
4501	Fig No 9 /Area A	float	ppm	BBE18-08	< LOD	129	44	8	124	19	< LOD	< LOD	8	9	< LOD	36	< LOD	< LOD	102	< LOD	14837	208	< LOD	< LOD	< LOD	< LOD	10	3	< LOD	< LOD	< LOD	: 4188	.
4502	Fig No 9 /Area A	float	ppm	BBE18-08a	< LOD	42	4	< LOD	11	< LOD	47	< LOD	< LOD	: < LOD	< LOD	77	< LOD	61	< LOD	< LOD	51305	< LOD	: < LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: 492	.
4503	Fig No 9 /Area A	float	ppm	BBE18-08b	12	97	40	< LOD	62	< LOD	290	< LOD	< LOD	: < LOD	< LOD	152	< LOD	531	245	< LOD	172636	< LOD	: < LOD	< LOD	< LOD	< LOD	9	3	< LOD	< LOD	< LOD	: < LOD	.
4504	Fig No 9 /Area A	float	ppm	BBE18-08b	5	89	26	< LOD	32	15	74	< LOD	< LOD	: < LOD	< LOD	89	< LOD	123	< LOD	< LOD	104984	< LOD	: < LOD	< LOD	< LOD	< LOD	7	3	< LOD	104	< LOD	: 2191	.
4505	Fig No 9 /Area A	float	ppm	BBE18-09	< LOD	143	50	11	166	25	< LOD	< LOD	133	< LOD	< LOD	66	< LOD	29	145	< LOD	39246	336	< LOD	< LOD	< LOD	< LOD	10	4	< LOD	< LOD	< LOD	: 4057	.
4506	Fig No 9 /Area A	float	ppm	BBE18-09a	< LOD	122	34	< LOD	78	11	< LOD	< LOD	53	< LOD	< LOD	126	< LOD	27	208	< LOD	128698	780	< LOD	< LOD	< LOD	< LOD	7	2	< LOD	< LOD	< LOD	: < LOD	.
4507	Fig No 9 /Area A	float	ppm	BBE18-09b	< LOD	89	28	11	106	19	< LOD	< LOD	167	< LOD	< LOD	65	< LOD	70	150	< LOD	68610	380	< LOD	< LOD	< LOD	< LOD	11	4	< LOD	90	< LOD	: 3658	.
4508	Fig No 9 /Area A	float	ppm	BBE18-10a	< LOD	55	16	10	58	< LOD	< LOD	< LOD	153	< LOD	< LOD	87	< LOD	81	91	< LOD	181037	< LOD	: < LOD	< LOD	< LOD	< LOD	5	2	< LOD	< LOD	< LOD	: 1243	.
4509	Fig No 9 /Area A	float	ppm	BBE18-10b	< LOD	146	42	10	128	21	< LOD	< LOD	97	12	< LOD	39	< LOD	32	< LOD	< LOD	34594	208	< LOD	< LOD	< LOD	< LOD	13	3	< LOD	149	85	3261	.
4510	Fig No 9 /Area A	float	ppm	BBE18-11	7	175	41	< LOD	113	30	27	< LOD	< LOD	: < LOD	< LOD	73	< LOD	76	< LOD	< LOD	44591	< LOD	: < LOD	< LOD	< LOD	< LOD	17	5	< LOD	127	63	2141	.
4511	Fig No 9 /Area A	float	ppm	BBE18-11a	< LOD	418	44	8	126	34	12	< LOD	< LOD	: < LOD	< LOD	56	< LOD	95	< LOD	< LOD	42982	< LOD	: < LOD	< LOD	< LOD	< LOD	20	5	< LOD	167	< LOD	: 3587	.
4512	Fig No 9 /Area A	float	ppm	BBE18-11b	< LOD	75	16	< LOD	58	19	32	< LOD	< LOD	: < LOD	< LOD	77	< LOD	85	< LOD	< LOD	63894	424	< LOD	< LOD	< LOD	< LOD	8	2	< LOD	< LOD	< LOD	: 3531	.
4513	Fig No 9 /Area A	float	ppm	BBE18-12	< LOD	168	12	< LOD	12	18	< LOD	< LOD	< LOD	: < LOD	< LOD	67	< LOD	< LOD	161	< LOD	111745	1877	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: 651	.
4514	Fig No 9 /Area A	float	ppm	BBE18-12a	< LOD	193	18	< LOD	19	16	< LOD	< LOD	< LOD	: < LOD	< LOD	48	< LOD	21	< LOD	< LOD	14148	317	< LOD	< LOD	< LOD	< LOD	5	2	< LOD	< LOD	< LOD	: 1179	.
4515	Fig No 9 /Area A	float	ppm	BBE18-12b	< LOD	577	55	12	84	32	< LOD	< LOD	< LOD	: < LOD	< LOD	111	< LOD	< LOD	178	< LOD	103027	< LOD	: 47	42	< LOD	< LOD	13	4	< LOD	< LOD	< LOD	: 5065	.
4516	Fig No 9 /Area A	float	ppm	BBE18-13	< LOD	168	43	10	133	28	< LOD	< LOD	10	< LOD	11.70	101	< LOD	47	112	< LOD	44201	344	< LOD	< LOD	< LOD	< LOD	15	4	< LOD	135	< LOD	: 2982	.
4517	Fig No 9 /Area A	float	ppm	BBE18-13a	< LOD	112	26	< LOD	93	14	< LOD	< LOD	10	< LOD	< LOD	60	< LOD	27	< LOD	< LOD	36427	< LOD	: < LOD	< LOD	< LOD	< LOD	9	2	< LOD	139	96	2330	.
4518	Fig No 9 /Area A	float	ppm	BBE18-13b	< LOD	89	27	< LOD	86	18	< LOD	< LOD	10	< LOD	< LOD	96	< LOD	51	< LOD	< LOD	72012	< LOD	: < LOD	< LOD	< LOD	< LOD	10	2	< LOD	< LOD	< LOD	: 2209	.
4519	Fig No 9 /Area A	float	ppm	BBE18-14	< LOD	105	36	< LOD	121	16	< LOD	< LOD	14	< LOD	< LOD	113	< LOD	51	153	< LOD	74329	543	< LOD	< LOD	< LOD	< LOD	10	2	< LOD	96	< LOD	: 3110	.
4520	Fig No 9 /Area A	float	ppm	BBE18-14a	< LOD	73	21	< LOD	60	19	105	< LOD	< LOD	: < LOD	< LOD	105	< LOD	102	< LOD	< LOD	78165	< LOD	: < LOD	< LOD	< LOD	< LOD	11	2	< LOD	108	< LOD	: 1282	.
4521	Fig No 9 /Area A	float	ppm	BBE18-14b	< LOD	160	54	< LOD	163	24	< LOD	< LOD	< LOD	: < LOD	< LOD	78	< LOD	< LOD	< LOD	< LOD	64428	< LOD	: < LOD	< LOD	< LOD	< LOD	18	5	< LOD	< LOD	< LOD	: < LOD	.
4522	Fig No 9 /Area A	float	ppm	BBE18-15	< LOD	4	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	43	< LOD	< LOD	< LOD	< LOD	7672	314	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	70	< LOD	: < LOD	.
4523	Fig No 9 /Area A	float	ppm	BBE18-15a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	6422	176	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4524	Fig No 9 /Area A	float	ppm	BBE18-15b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	28	< LOD	< LOD	< LOD	< LOD	7707	< LOD	: < LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.
4525	Fig No 9 /Area A	float	ppm	BBE18-15b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	< LOD	32	< LOD	17	101	< LOD	31452	2834	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	: < LOD	.

Table No. 3

Black Bear East Area A - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
4526	Fig No 9 /Area A	float	ppm	BBE18-16	< LOD	9	< LOD	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	23	< LOD	25	< LOD	< LOD	6942	532	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	43	< LOD	< LOD
4527	Fig No 9 /Area A	float	ppm	BBE18-16a	< LOD	149	57	10	166	28	< LOD	< LOD	5	< LOD	< LOD	117	< LOD	37	106	< LOD	43758	1511	< LOD	< LOD	< LOD	< LOD	13	4	< LOD	< LOD	< LOD	< LOD
4528	Fig No 9 /Area A	float	ppm	BBE18-16b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	31	< LOD	20	< LOD	< LOD	17621	857	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	74	< LOD	69
4529	Fig No 9 /Area A	float	ppm	BBE18-17	< LOD	143	14	< LOD	45	11	< LOD	< LOD	< LOD	< LOD	< LOD	65	< LOD	27	< LOD	< LOD	26409	318	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	101	< LOD	1415
4530	Fig No 9 /Area A	float	ppm	BBE18-17b	< LOD	189	43	13	132	26	< LOD	< LOD	< LOD	12	< LOD	132	< LOD	43	96	< LOD	56291	666	< LOD	< LOD	< LOD	< LOD	26	3	< LOD	< LOD	< LOD	4601
4531	Fig No 9 /Area A	float	ppm	BBE18-18	< LOD	176	40	< LOD	121	32	< LOD	< LOD	< LOD	< LOD	< LOD	198	< LOD	< LOD	< LOD	< LOD	52132	< LOD	< LOD	< LOD	< LOD	< LOD	17	5	< LOD	113	79	2885
4532	Fig No 9 /Area A	float	ppm	BBE18-18a	< LOD	108	56	10	175	20	< LOD	< LOD	< LOD	10	< LOD	95	< LOD	50	119	< LOD	31306	818	< LOD	< LOD	< LOD	< LOD	11	2	< LOD	< LOD	< LOD	< LOD
4533	Fig No 9 /Area A	float	ppm	BBE18-18b	< LOD	79	34	11	97	16	< LOD	< LOD	< LOD	< LOD	< LOD	88	< LOD	46	104	< LOD	24799	2710	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	< LOD	< LOD	< LOD
4534	Fig No 9 /Area A	float	ppm	BBE18-19	< LOD	39	177	< LOD	< LOD	18	< LOD	< LOD	< LOD	< LOD	< LOD	50	< LOD	156	< LOD	< LOD	58443	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	1557
4535	Fig No 9 /Area A	float	ppm	BBE18-19a	< LOD	45	191	< LOD	< LOD	17	< LOD	< LOD	< LOD	< LOD	< LOD	52	< LOD	69	< LOD	< LOD	65134	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	61	116	1655
4536	Fig No 9 /Area A	float	ppm	BBE18-19b	< LOD	57	209	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	71	< LOD	57	< LOD	< LOD	76690	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	3655
4537	Fig No 9 /Area A	float	ppm	BBE18-20	< LOD	80	182	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	92	< LOD	1627	< LOD	< LOD	96538	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	53	190	4349
4538	Fig No 9 /Area A	float	ppm	BBE18-20a	< LOD	43	192	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	52	< LOD	2528	< LOD	< LOD	71885	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD
4539	Fig No 9 /Area A	float	ppm	BBE18-20b	< LOD	50	178	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	80	< LOD	729	< LOD	< LOD	75976	3728	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD
4540	Fig No 9 /Area A	float	ppm	BBE18-21	< LOD	119	38	< LOD	113	18	< LOD	< LOD	22	< LOD	< LOD	21	< LOD	< LOD	< LOD	< LOD	27457	< LOD	< LOD	< LOD	< LOD	< LOD	11	2	< LOD	< LOD	< LOD	1862
4541	Fig No 9 /Area A	float	ppm	BBE18-21a	5	78	28	< LOD	82	16	< LOD	< LOD	18	< LOD	< LOD	24	< LOD	< LOD	< LOD	< LOD	20324	< LOD	< LOD	< LOD	< LOD	< LOD	10	2	< LOD	< LOD	< LOD	< LOD
4542	Fig No 9 /Area A	float	ppm	BBE18-21b	< LOD	110	40	< LOD	123	25	< LOD	< LOD	21	< LOD	< LOD	32	< LOD	44	< LOD	< LOD	21782	< LOD	< LOD	< LOD	< LOD	< LOD	16	4	< LOD	112	53	1333
4543	Fig No 9 /Area A	float	ppm	BBE18-22a	< LOD	107	36	< LOD	117	< LOD	< LOD	< LOD	18	< LOD	< LOD	36	< LOD	< LOD	< LOD	< LOD	16440	< LOD	< LOD	< LOD	< LOD	< LOD	15	3	< LOD	< LOD	< LOD	856
4544	Fig No 9 /Area A	float	ppm	BBE18-22b	< LOD	87	31	< LOD	99	15	< LOD	< LOD	16	< LOD	< LOD	45	< LOD	< LOD	< LOD	< LOD	19220	< LOD	< LOD	< LOD	< LOD	< LOD	14	2	< LOD	88	< LOD	888
4545	Fig No 9 /Area A	float	ppm	BBE18-23	< LOD	101	36	< LOD	113	28	< LOD	< LOD	21	< LOD	< LOD	24	< LOD	< LOD	< LOD	< LOD	23663	< LOD	< LOD	< LOD	< LOD	< LOD	14	3	< LOD	98	< LOD	2262
4546	Fig No 9 /Area A	float	ppm	BBE18-23a	< LOD	69	47	< LOD	73	19	< LOD	< LOD	132	< LOD	< LOD	49	< LOD	61	206	< LOD	191229	< LOD	< LOD	< LOD	< LOD	< LOD	4	2	< LOD	< LOD	< LOD	< LOD
4547	Fig No 9 /Area A	float	ppm	BBE18-23b	< LOD	120	41	< LOD	120	14	< LOD	< LOD	38	13	< LOD	39	< LOD	22	< LOD	< LOD	22526	< LOD	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	< LOD	< LOD	< LOD
4548	Fig No 9 /Area A	float	ppm	BBE18-24	< LOD	79	28	< LOD	82	< LOD	< LOD	< LOD	81	< LOD	< LOD	44	< LOD	138	174	< LOD	179501	< LOD	36	55	< LOD	< LOD	5	2	< LOD	< LOD	< LOD	2351
4549	Fig No 9 /Area A	float	ppm	BBE18-24a	< LOD	93	43	< LOD	111	16	< LOD	< LOD	18	< LOD	< LOD	55	< LOD	< LOD	< LOD	< LOD	34273	< LOD	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	106	< LOD	1467
4550	Fig No 9 /Area A	float	ppm	BBE18-24b	< LOD	101	37	< LOD	133	19	< LOD	< LOD	34	< LOD	< LOD	38	< LOD	< LOD	< LOD	< LOD	19921	216	< LOD	< LOD	< LOD	< LOD	13	3	< LOD	< LOD	< LOD	3475
4551	Fig No 9 /Area A	float	ppm	BBE18-25	< LOD	124	46	8	139	13	< LOD	< LOD	29	< LOD	< LOD	41	< LOD	33	< LOD	< LOD	24175	< LOD	< LOD	< LOD	< LOD	< LOD	9	3	< LOD	126	< LOD	1605
4552	Fig No 9 /Area A	float	ppm	BBE18-22	< LOD	90	31	< LOD	101	< LOD	< LOD	< LOD	16	< LOD	< LOD	32	< LOD	< LOD	< LOD	< LOD	18416	< LOD	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	< LOD	< LOD	< LOD
4553	Fig No 9 /Area A	float	ppm	BBE18-25a	< LOD	109	33	9	121	23	< LOD	< LOD	17	< LOD	< LOD	34	< LOD	< LOD	< LOD	< LOD	28064	< LOD	< LOD	< LOD	< LOD	< LOD	14	4	< LOD	144	90	2410
4554	Fig No 9 /Area A	float	ppm	BBE18-25b	< LOD	126	34	8	118	17	< LOD	< LOD	18	< LOD	< LOD	53	< LOD	< LOD	< LOD	< LOD	16183	198	< LOD	< LOD	< LOD	< LOD	14	3	< LOD	< LOD	< LOD	< LOD
4555	Fig No 9 /Area A	float	ppm	BBE18-26	< LOD	109	40	10	116	11	< LOD	< LOD	36	< LOD	< LOD	41	< LOD	< LOD	< LOD	< LOD	29495	< LOD	< LOD	< LOD	< LOD	< LOD	13	3	< LOD	< LOD	< LOD	< LOD
4556	Fig No 9 /Area A	float	ppm	BBE18-26a	< LOD	115	46	< LOD	132	21	< LOD	< LOD	96	9	< LOD	42	< LOD	17	< LOD	< LOD	28545	183	< LOD	< LOD	< LOD	< LOD	11	3	< LOD	< LOD	< LOD	3636
4557	Fig No 9 /Area A	float	ppm	BBE18-26b	< LOD	107	40	< LOD	117	12	< LOD	< LOD	23	< LOD	< LOD	46	< LOD	< LOD	< LOD	< LOD	23026	< LOD	< LOD	< LOD	< LOD	< LOD	10	3	< LOD	< LOD	< LOD	< LOD
4558	Fig No 9 /Area A	float	ppm	BBE18-27	4	115	38	< LOD	121	21	< LOD	< LOD	20	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	23687	< LOD	< LOD	< LOD	< LOD	< LOD	9	2	< LOD	150	< LOD	2473
4559	Fig No 9 /Area A	float	ppm	BBE18-27a	< LOD	107	37	9	118	22	< LOD	< LOD	13	< LOD	< LOD	21	< LOD	< LOD	< LOD	< LOD	19888	< LOD	< LOD	< LOD	< LOD	< LOD	10	2	< LOD	< LOD	< LOD	2179
4560	Fig No 9 /Area A	float	ppm	BBE18-27b	< LOD	85	30	< LOD	74	18	< LOD	< LOD	63	< LOD	< LOD	35	< LOD	< LOD	< LOD	< LOD	132465	< LOD	< LOD	< LOD	< LOD	< LOD	8	2	< LOD	< LOD	< LOD	653
4561	Fig No 9 /Area A	float	ppm	BBE18-28	< LOD	112	39	< LOD	134	16	< LOD	< LOD	12	< LOD	< LOD	32	< LOD	< LOD	95	< LOD	15588	181	< LOD	< LOD	< LOD	< LOD	13	4	< LOD	158	94	2950
4562	Fig No 9 /Area A	float	ppm	BBE18-28a	< LOD	120	46	13	138	19	< LOD	< LOD	22	< LOD	< LOD	41	< LOD	26	< LOD	< LOD	18691	207	< LOD	< LOD	< LOD	< LOD	15	3	< LOD	< LOD	< LOD	< LOD
4563	Fig No 9 /Area A	float	ppm	BBE18-28b	< LOD	110	47	8	128	20	< LOD	< LOD	15	< LOD	< LOD	26	< LOD	25	< LOD	< LOD	14285	251	< LOD	< LOD	< LOD	< LOD	12	2	< LOD	137	131	4648
4564	Fig No 9 /Area A	float	ppm	BBE18-29	< LOD	94	37	< LOD	110	16	< LOD	< LOD	18	< LOD	< LOD	18	< LOD	< LOD	< LOD	< LOD	21635	< LOD	< LOD	< LOD	< LOD	< LOD	11	3	< LOD	128	68	1649
4565	Fig No 9 /Area A	float	ppm	BBE18-29a	< LOD	120	39	< LOD	136	20	< LOD	< LOD	16	< LOD	9.80	40	< LOD	29	< LOD	< LOD	16548	189	< LOD	< LOD	< LOD	< LOD	15	3	< LOD	131	94	3793
4566	Fig No 9 /Area A	float	ppm	BBE18-29b	< LOD	112	42	13	64	15	74	< LOD	51	< LOD	< LOD	171	< LOD	156	390	< LOD	160193	15560	< LOD	< LOD	< LOD	< LOD	11	3	< LOD	< LOD	< LOD	2784
4567	Fig No 9 /Area A	float	ppm	BBE18-30	< LOD	83	29	< LOD	76	22	< LOD	< LOD	31	< LOD	< LOD	47	< LOD	44	< LOD	< LOD	25415	< LOD	< LOD	< LOD	< LOD	< LOD	11	3	< LOD	< LOD	< LOD	546
4568	Fig No 9 /Area A	float	ppm	BBE18-30a	4	132	39	< LOD	128	24	< LOD	< LOD	44	< LOD	< LOD	32	< LOD	34	< LOD	< LOD	44920	< LOD	< LOD	< LOD	< LOD	< LOD	15	4	< LOD	164	< LOD	3582
4569	Fig No 9 /Area A	float	ppm	BBE18-30b	< LOD	76	28	< LOD	75	23	< LOD	< LOD	18	< LOD	< LOD	44	< LOD	< LOD	< LOD	< LOD	22980	< LOD	< LOD	< LOD	< LOD	< LOD	9	2	< LOD	91	21	600
4570	Fig No 9 /Area A	float	ppm	BBE18-31	< LOD	131	39	8	127	16	< LOD	< LOD	37	< LOD	< LOD	24	< LOD	21	< LOD	< LOD	11601	157	< LOD	< LOD	< LOD	< LOD	15	3	< LOD	147	144	5070
4571	Fig No 9 /Area A	float	ppm	BBE18-31a	< LOD	39	13	< LOD	27	24	< LOD	< LOD	116	< LOD	< LOD	52	< LOD	61	119	< LOD	173034	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4572	Fig No 9 /Area A	float	ppm	BBE18-31b	< LOD	108	38	9	121	21	< LOD	< LOD	12	< LOD	< LOD	33	< LOD	21	101	105	15385	277	< LOD	< LOD	< LOD	< LOD	10	3	< LOD	< LOD	< LOD	< LOD
4573	Fig No 9 /Area A	float	ppm	BBE18-32	< LOD	84	31	< LOD	98	23	< LOD	< LOD	22	< LOD	< LOD	62	< LOD	56	< LOD	< LOD	23394	< LOD	< LOD	< LOD	< LOD	< LOD	9	3	< LOD	116	< LOD	1306

Table No. 3

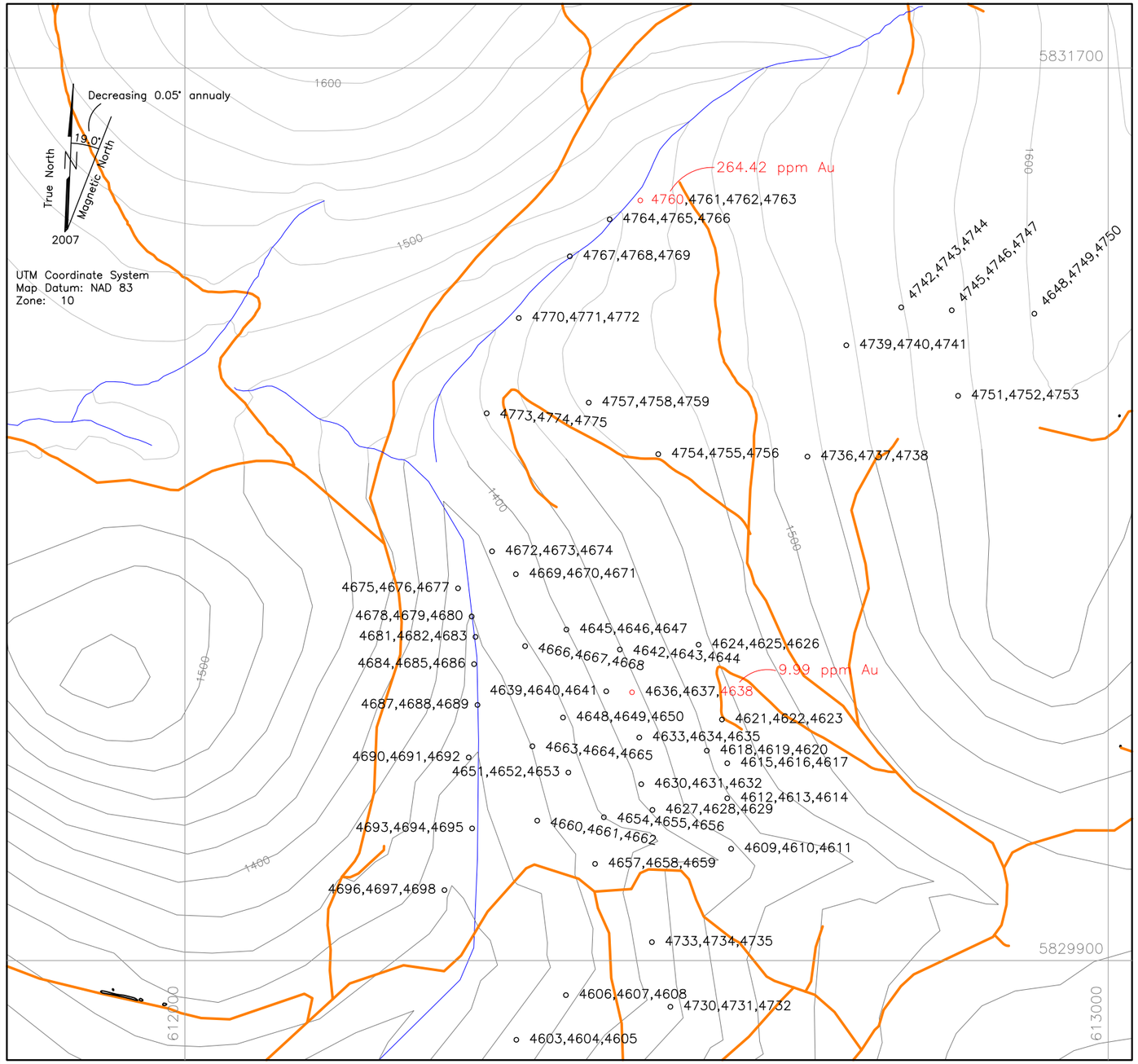
Black Bear East Area A - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
4574	Fig No 9 /Area A	float	ppm	BBE18-32a	< LOD	132	44	8	132	26	< LOD	< LOD	39	< LOD	< LOD	33	< LOD	36	71	< LOD	22222	206	< LOD	< LOD	< LOD	< LOD	24	5	< LOD	< LOD	< LOD :	< LOD : .
4575	Fig No 9 /Area A	float	ppm	BBE18-32b	< LOD	96	38	< LOD	130	26	< LOD	< LOD	36	< LOD	< LOD	35	< LOD	< LOD	< LOD	< LOD	29414	< LOD :	< LOD	< LOD	< LOD	< LOD	11	3	< LOD	162	105	2864 .
4576	Fig No 9 /Area A	float	ppm	BBE18-33	< LOD	140	35	12	126	18	< LOD	< LOD	35	10	**11.03**	34	< LOD	29	107	219	24680	169	< LOD	< LOD	< LOD	< LOD	14	3	< LOD	< LOD	< LOD :	< LOD : .
4577	Fig No 9 /Area A	float	ppm	BBE18-33a	< LOD	116	42	11	125	18	< LOD	< LOD	63	< LOD	< LOD	41	< LOD	36	< LOD	< LOD	31626	215	< LOD	< LOD	< LOD	< LOD	16	3	< LOD	157	142	5434 .
4578	Fig No 9 /Area A	float	ppm	BBE18-33b	< LOD	103	36	9	134	28	< LOD	< LOD	72	< LOD	< LOD	54	< LOD	97	111	< LOD	43635	220	< LOD	< LOD	< LOD	< LOD	15	3	< LOD	< LOD	< LOD :	4296 .
4579	Fig No 9 /Area A	float	ppm	BBE18-34	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	72	< LOD	< LOD	43	< LOD	< LOD	177	< LOD	34037	492	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	100	< LOD :	247 .
4580	Fig No 9 /Area A	float	ppm	BBE18-34a	< LOD	< LOD	< LOD	< LOD	4	< LOD	< LOD	< LOD	7	< LOD	< LOD	28	< LOD	< LOD	< LOD	< LOD	8581	2673	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	96	< LOD :	197 .
4581	Fig No 9 /Area A	float	ppm	BBE18-34b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19	< LOD	202	< LOD	< LOD	81	< LOD	29	334	< LOD	50024	847	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	68	< LOD :	< LOD : .
4582	Fig No 9 /Area A	float	ppm	BBE18-35	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	66	< LOD	< LOD	31	< LOD	< LOD	118	< LOD	13057	211	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	112	< LOD :	< LOD : .
4583	Fig No 9 /Area A	float	ppm	BBE18-35a	< LOD	32	< LOD	< LOD	13	< LOD	< LOD	< LOD	21	< LOD	< LOD	40	< LOD	< LOD	< LOD	< LOD	13933	670	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	399 .
4584	Fig No 9 /Area A	float	ppm	BBE18-35b	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	< LOD	27	< LOD	< LOD	21	< LOD	< LOD	< LOD	< LOD	3824	91	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	214	< LOD :	261 .
4585	Fig No 9 /Area A	float	ppm	BBE18-36	< LOD	< LOD	< LOD	< LOD	4	< LOD	< LOD	< LOD	< LOD :	< LOD	**9.34**	16	< LOD	< LOD	97	< LOD	4948	886	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	88	23	130 .
4586	Fig No 9 /Area A	float	ppm	BBE18-36a	< LOD	< LOD	< LOD	< LOD	57	5	< LOD	< LOD	115	< LOD	< LOD	64	< LOD	20	148	< LOD	37273	413	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	178	47	< LOD : .
4587	Fig No 9 /Area A	float	ppm	BBE18-36b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	7	< LOD	< LOD	25	< LOD	< LOD	< LOD	< LOD	5190	276	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	113	< LOD :	58 .
4588	Fig No 9 /Area A	float	ppm	BBE18-37	< LOD	< LOD	< LOD	< LOD	5	< LOD	< LOD	< LOD	20	< LOD	< LOD	27	< LOD	< LOD	< LOD	< LOD	2834	62	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	135	< LOD :	< LOD : .
4589	Fig No 9 /Area A	float	ppm	BBE18-37a	< LOD	< LOD	4	< LOD	29	< LOD	< LOD	< LOD	42	< LOD	< LOD	43	< LOD	17	< LOD	< LOD	6468	167	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	254	107	1893 .
4590	Fig No 9 /Area A	float	ppm	BBE18-37b	< LOD	149	46	< LOD	117	< LOD	< LOD	< LOD	202	< LOD	< LOD	116	< LOD	87	< LOD	< LOD	123810	< LOD :	42	43	< LOD	< LOD	7	4	< LOD	103	136	3295 .
4591	Fig No 9 /Area A	float	ppm	BBE18-38	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	11	< LOD	< LOD	< LOD	< LOD	806	63	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4592	Fig No 9 /Area A	float	ppm	BBE18-38a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	14	< LOD	< LOD	< LOD	< LOD	2330	388	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	75	< LOD :	86 .
4593	Fig No 9 /Area A	float	ppm	BBE18-38b	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	55	< LOD	< LOD	60	< LOD	< LOD	< LOD	< LOD	16297	960	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	42	< LOD :	206 .
4594	Fig No 9 /Area A	float	ppm	BBE18-39	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	43	< LOD	34	33	< LOD	8256	1071	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	103	< LOD :	< LOD : .
4595	Fig No 9 /Area A	float	ppm	BBE18-39a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	13	< LOD	< LOD	37	< LOD	17	< LOD	< LOD	5178	163	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	103 .
4596	Fig No 9 /Area A	float	ppm	BBE18-39b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	10	10	< LOD	59	< LOD	< LOD	< LOD	< LOD	19426	1732	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	133	< LOD :	94 .
4597	Fig No 9 /Area A	float	ppm	BBE18-40	< LOD	13	136	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	70	< LOD	82	143	< LOD	44633	1019	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	231	123	2277 .
4598	Fig No 9 /Area A	float	ppm	BBE18-40a	< LOD	17	141	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	134	< LOD	489	88	< LOD	79909	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD :	< LOD : .
4599	Fig No 9 /Area A	float	ppm	BBE18-40b	< LOD	16	123	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	87	< LOD	99	< LOD	< LOD	46504	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	154	58	604 .
4600	Fig No 9 /Area A	float	ppm	BBE18-41	< LOD	< LOD	2	< LOD	< LOD	< LOD	265	< LOD	943	< LOD	**11.54**	1967	< LOD	39	199	< LOD	134475	2104	54	28	< LOD	< LOD	< LOD	< LOD	19	< LOD	< LOD :	< LOD : .
4601	Fig No 9 /Area A	float	ppm	BBE18-41a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	448	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	54	26	< LOD : .
4602	Fig No 9 /Area A	float	ppm	BBE18-41b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	271	< LOD	847	< LOD	< LOD	1802	< LOD	26	174	< LOD	117495	1945	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	65	68	1138 .
4699	Fig No 9 /Area A	float	ppm	BBE18-74	< LOD	90	59	< LOD	12	15	< LOD	< LOD	< LOD :	< LOD	< LOD	23	< LOD	< LOD	< LOD	< LOD	4541	246	< LOD	< LOD	< LOD	< LOD	5	< LOD	< LOD	99	28	568 .
4700	Fig No 9 /Area A	float	ppm	BBE18-74a	< LOD	59	38	< LOD	14	4	< LOD	< LOD	< LOD :	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	4923	170	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD :	557 .
4701	Fig No 9 /Area A	float	ppm	BBE18-74b	< LOD	89	33	< LOD	23	11	< LOD	< LOD	< LOD :	< LOD	< LOD	53	< LOD	23	< LOD	< LOD	15211	2656	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4702	Fig No 9 /Area A	float	ppm	BBE18-75	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	31	< LOD	20	< LOD	< LOD	24954	718	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	63	105	< LOD : .
4703	Fig No 9 /Area A	float	ppm	BBE18-75a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	11	< LOD	< LOD	< LOD	< LOD	1568	308	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	202	< LOD :	132 .
4704	Fig No 9 /Area A	float	ppm	BBE18-75b	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	15	< LOD	68	< LOD	< LOD	241	< LOD	230115	9971	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4705	Fig No 9 /Area A	float	ppm	BBE18-76	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	28	< LOD	26	< LOD	< LOD	46729	2001	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	89	< LOD :	329 .
4706	Fig No 9 /Area A	float	ppm	BBE18-76a	< LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	55	< LOD	< LOD	101	< LOD	193275	6819	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4707	Fig No 9 /Area A	float	ppm	BBE18-76b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	15	< LOD	50	< LOD	45	224	< LOD	173359	8581	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	18	< LOD	< LOD :	< LOD : .
4708	Fig No 9 /Area A	float	ppm	BBE18-77	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	10	< LOD	< LOD	< LOD	< LOD	4653	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4709	Fig No 9 /Area A	float	ppm	BBE18-77a	< LOD	11	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	36	< LOD	27	180	< LOD	111082	4953	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	1733 .
4710	Fig No 9 /Area A	float	ppm	BBE18-77b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	33	< LOD	20	120	< LOD	52056	3121	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	62	< LOD :	< LOD : .
4711	Fig No 9 /Area A	float	ppm	BBE18-78	< LOD	4	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	50	< LOD	39	267	< LOD	172917	7618	62	36	< LOD	< LOD	< LOD	2	< LOD	75	< LOD :	< LOD : .
4712	Fig No 9 /Area A	float	ppm	BBE18-78a	< LOD	< LOD	50	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	24	< LOD	< LOD	< LOD	< LOD	18784	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	59	< LOD :	< LOD : .
4713	Fig No 9 /Area A	float	ppm	BBE18-78b	< LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	84	< LOD	72	274	< LOD	240690	10532	69	59	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD :	< LOD : .
4714	Fig No 9 /Area A	float	ppm	BBE18-79	< LOD	61	132	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	111	< LOD	33	67	< LOD	103606	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	93	261	5951 .
4715	Fig No 9 /Area A	float	ppm	BBE18-79a	< LOD	14	11	< LOD	< LOD	< LOD	< LOD	< LOD	7	< LOD	< LOD	56	< LOD	< LOD	< LOD	< LOD	58367	10529	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	338	81	894 .
4716	Fig No 9 /Area A	float	ppm	BBE18-79b	< LOD	27	30	< LOD	11	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	70	< LOD	< LOD	< LOD	< LOD	64076	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	748	157	2971 .

Table No. 3

Black Bear East Area A - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
4717	Fig No 9 /Area A	float	ppm	BBE18-80	767	656	136	486	66	386	< LOD	347	< LOD :	< LOD	< LOD	550	< LOD	< LOD	< LOD	< LOD	< LOD : 6	< LOD :	392	< LOD	< LOD	< LOD	168	38	< LOD	< LOD	< LOD :	< LOD : .
4718	Fig No 9 /Area A	float	ppm	BBE18-80	< LOD	121	23	< LOD	37	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	24	< LOD	16	< LOD	< LOD	7239	135	< LOD	< LOD	< LOD	< LOD	7	< LOD	< LOD	137	46	1866 .
4719	Fig No 9 /Area A	float	ppm	BBE18-80a	< LOD	100	22	< LOD	40	24	< LOD	< LOD	< LOD :	< LOD	< LOD	112	< LOD	38	< LOD	< LOD	88913	< LOD :	< LOD	< LOD	< LOD	< LOD	45	2	< LOD	179	73	4188 .
4720	Fig No 9 /Area A	float	ppm	BBE18-80b	< LOD	403	69	8	126	26	24	< LOD	< LOD :	< LOD	< LOD	55	< LOD	31	< LOD	< LOD	26325	396	< LOD	< LOD	< LOD	< LOD	20	3	< LOD	152	116	2716 .
4721	Fig No 9 /Area A	float	ppm	BBE18-81	< LOD	< LOD	19	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	28	< LOD	27	< LOD	< LOD	23221	955	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4722	Fig No 9 /Area A	float	ppm	BBE18-81a	< LOD	10	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	85	< LOD	< LOD	< LOD	< LOD	106201	4105	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	83	< LOD :	< LOD : .
4723	Fig No 9 /Area A	float	ppm	BBE18-81b	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	10	< LOD	54	< LOD	< LOD	141	< LOD	111949	5416	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4724	Fig No 9 /Area A	float	ppm	BBE18-82	< LOD	158	87	< LOD	71	13	< LOD	< LOD	< LOD :	< LOD	< LOD	72	< LOD	41	< LOD	< LOD	21122	240	< LOD	< LOD	< LOD	< LOD	11	2	< LOD	119	70	2775 .
4725	Fig No 9 /Area A	float	ppm	BBE18-82a	< LOD	169	73	< LOD	78	22	< LOD	< LOD	< LOD :	< LOD	< LOD	92	< LOD	44	< LOD	< LOD	35016	497	< LOD	< LOD	< LOD	< LOD	12	< LOD	< LOD	118	99	2621 .
4726	Fig No 9 /Area A	float	ppm	BBE18-82b	< LOD	160	75	< LOD	73	23	< LOD	< LOD	18	< LOD	< LOD	98	< LOD	40	< LOD	< LOD	37889	< LOD :	< LOD	< LOD	< LOD	< LOD	14	2	< LOD	118	< LOD :	2396 .
4727	Fig No 9 /Area A	float	ppm	BBE18-83	< LOD	84	273	7	11	14	< LOD	< LOD	< LOD :	< LOD	< LOD	93	< LOD	102	156	< LOD	59562	1558	< LOD	< LOD	< LOD	< LOD	3	2	< LOD	259	210	4644 .
4728	Fig No 9 /Area A	float	ppm	BBE18-83a	< LOD	70	236	< LOD	7	19	< LOD	< LOD	< LOD :	< LOD	< LOD	81	< LOD	28	< LOD	< LOD	60570	< LOD :	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	155	< LOD :	2030 .
4729	Fig No 9 /Area A	float	ppm	BBE18-83b	< LOD	76	306	7	10	15	< LOD	< LOD	< LOD :	< LOD	< LOD	78	< LOD	108	< LOD	< LOD	58220	4403	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	252	214	3801 .



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

XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au	XRF No.	Zn	Cu	Au
4603	13			4651	143			4698	51		
4604				4652	162	64		4730	81	44	
4605	18	33		4653	66			4731	77		
4606	16			4654	108			4732	72		
4607	18			4655	116			4733			
4608	18	17		4656	104			4734	14		
4609	28			4657	63			4735	19		
4610	22			4658	61	102		4736	89	16	
4611	16			4659	63	49		4737	17		
4612	36			4660	80	76		4738	35		
4613	556			4661	74	76		4739	12	17	
4614	44	23		4662	57	388		4740	75		
4615	1227	29		4663	105	187		4741			
4616	261	26		4664	202	244		4742	20	29	
4617	283			4665	33	99		4743	13	27	
4618	38			4666	16	30		4744	16		
4619	32	20		4667	127	349		4745	69	21	
4620	26			4668	64	222		4746	23		
4621	83			4669	39			4747	86		
4622	85	24		4670	114			4748	22		
4623	98	35		4671	30	17		4749	71	53	
4624	65			4672	18	25		4750	53	277	
4625	81	21		4673	81			4751	64	35	
4626	64	50		4674	70	36		4752	56	562	
4627	44	16		4675	51			4753	92	101	
4628	13			4676	53	26		4754	22	24	
4629	20	14		4677	50			4755	24	16	
4630	40	19		4678	90	104		4756	18	28	
4631	50			4679	39	27		4757	16	17	
4632	40	16		4680	100	45		4758	15	17	
4633	97	41		4681	47	54		4759	11		
4634	49			4682	38	147		4760			264.42
4635	96	20		4683	84	65		4761	14	23	
4636	58			4684	68			4762	20	184	
4637	43	33		4685	50			4763	27	163	
4638	41	28	9.99	4686	45			4764		19	
4639	17			4687	113			4765			
4640	13			4688	24			4766	12		
4641	15			4689	118	84		4767	16	18	
4642	123			4690	66	39		4768		15	
4643	51	23		4691	81	63		4769	17		
4644	76			4692	73	45		4770	39	19	
4645	14			4693	60			4771	51		
4646	21			4694	70	56		4772	35		
4647	53			4695	67			4773	70	17	
4648	44			4696	58			4774	87	31	
4649	52			4697	80			4775	71	44	
4650	55	37									

Au results over level of detection marked in red.
Zn and Cu results over 100 ppm marked in red.

Values below level of detection are not shown.
See Table No. 4 for XRF results.

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond

Road

2018 sample location and number

Scale 1:10,000
metres
0 250 500

BARKER MINERALS LTD.

Black Bear East Property

Area B

Sample Numbers and
Zn, Cu, Au Geochemistry

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14

Date: March 26, 2019

Fig.No. 10

Table No. 4

Black Bear East Area B - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
					In all cases <LOD means below level of detection.									Values for Au are coloured red.									Values for Pb and Zn over 1,000 ppm are coloured red.											
	Black Bear East Area B																															
4603	Fig No 10 /Area B	float	ppm	BBE18-42	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	13	< LOD	< LOD	< LOD	< LOD	2847	166	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD :	63 .
4604	Fig No 10 /Area B	float	ppm	BBE18-42a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	885	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	71	< LOD :	121 .
4605	Fig No 10 /Area B	float	ppm	BBE18-42b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	18	< LOD	33	< LOD	< LOD	1129	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4606	Fig No 10 /Area B	float	ppm	BBE18-43	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	1439	134	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	61	< LOD :	304 .
4607	Fig No 10 /Area B	float	ppm	BBE18-43a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	18	< LOD	< LOD	< LOD	< LOD	1292	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	166	< LOD :	< LOD : .
4608	Fig No 10 /Area B	float	ppm	BBE18-43b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	18	< LOD	17	< LOD	< LOD	622	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	134	< LOD :	< LOD : .
4609	Fig No 10 /Area B	float	ppm	BBE18-44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	21	< LOD	< LOD	28	< LOD	< LOD	< LOD	< LOD	12022	114	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	52	< LOD :	162 .
4610	Fig No 10 /Area B	float	ppm	BBE18-44a	< LOD	4	153	< LOD	12	< LOD	17	< LOD	16	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	8158	107	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4611	Fig No 10 /Area B	float	ppm	BBE18-44b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	21	< LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	13310	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4612	Fig No 10 /Area B	float	ppm	BBE18-45	< LOD	< LOD	51	< LOD	< LOD	< LOD	< LOD	< LOD	8	< LOD	< LOD	36	< LOD	< LOD	< LOD	< LOD	2533	476	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	70	54	522 .
4613	Fig No 10 /Area B	float	ppm	BBE18-45a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	53	< LOD	188	< LOD	< LOD	556	< LOD	< LOD	< LOD	< LOD	24970	960	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	130 .
4614	Fig No 10 /Area B	float	ppm	BBE18-45b	< LOD	< LOD	39	< LOD	< LOD	< LOD	< LOD	< LOD	45	< LOD	< LOD	44	< LOD	23	< LOD	< LOD	2172	250	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	123	< LOD :	63 .
4615	Fig No 10 /Area B	float	ppm	BBE18-46	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	399	< LOD	823	< LOD	< LOD	1227	< LOD	29	108	< LOD	60529	1737	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	87	< LOD :	237 .
4616	Fig No 10 /Area B	float	ppm	BBE18-46a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	72	< LOD	< LOD	261	< LOD	26	< LOD	< LOD	10191	454	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	99	< LOD :	447 .
4617	Fig No 10 /Area B	float	ppm	BBE18-46b	< LOD	< LOD	121	< LOD	< LOD	< LOD	< LOD	< LOD	139	< LOD	< LOD	283	< LOD	< LOD	< LOD	< LOD	11427	403	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	344 .
4618	Fig No 10 /Area B	float	ppm	BBE18-47	< LOD	117	115	< LOD	19	10	< LOD	< LOD	< LOD :	< LOD	< LOD	38	< LOD	< LOD	< LOD	< LOD	6917	259	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	91	< LOD :	645 .
4619	Fig No 10 /Area B	float	ppm	BBE18-47a	< LOD	109	128	< LOD	19	7	< LOD	< LOD	< LOD :	< LOD	< LOD	32	< LOD	20	< LOD	< LOD	6566	206	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	71	53	904 .
4620	Fig No 10 /Area B	float	ppm	BBE18-47b	< LOD	137	101	< LOD	16	9	< LOD	< LOD	< LOD :	< LOD	< LOD	26	< LOD	< LOD	< LOD	< LOD	5555	185	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	96	26	708 .
4621	Fig No 10 /Area B	float	ppm	BBE18-48	6	156	53	< LOD	66	23	< LOD	< LOD	< LOD :	< LOD	< LOD	83	136	< LOD	< LOD	< LOD	53912	< LOD :	< LOD	< LOD	< LOD	< LOD	13	2	< LOD	99	< LOD :	485 .
4622	Fig No 10 /Area B	float	ppm	BBE18-48a	< LOD	213	39	< LOD	77	13	< LOD	< LOD	< LOD :	< LOD	< LOD	85	31	24	< LOD	< LOD	21201	445	< LOD	< LOD	< LOD	< LOD	10	< LOD	< LOD	112	81	3485 .
4623	Fig No 10 /Area B	float	ppm	BBE18-48b	< LOD	155	49	< LOD	55	19	< LOD	< LOD	< LOD :	< LOD	< LOD	98	< LOD	35	130	< LOD	70608	1486	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	< LOD	< LOD :	4217 .
4624	Fig No 10 /Area B	float	ppm	BBE18-49	< LOD	7	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	65	< LOD	< LOD	367	< LOD	57737	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	1131	71	692 .
4625	Fig No 10 /Area B	float	ppm	BBE18-49a	< LOD	14	5	< LOD	< LOD	5	< LOD	< LOD	< LOD :	< LOD	< LOD	81	< LOD	21	175	< LOD	49312	1632	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	212	78	949 .
4626	Fig No 10 /Area B	float	ppm	BBE18-49b	< LOD	< LOD	7	< LOD	< LOD	13	< LOD	< LOD	< LOD :	< LOD	< LOD	64	< LOD	50	480	< LOD	51341	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	504	< LOD :	434 .
4627	Fig No 10 /Area B	float	ppm	BBE18-50	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	319	< LOD	47	< LOD	< LOD	44	< LOD	16	< LOD	< LOD	5740	1093	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	95	< LOD :	< LOD : .
4628	Fig No 10 /Area B	float	ppm	BBE18-50a	< LOD	< LOD	31	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	13	< LOD	< LOD	< LOD	< LOD	950	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4629	Fig No 10 /Area B	float	ppm	BBE18-50b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	20	< LOD	14	< LOD	< LOD	1507	531	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	160	< LOD :	584 .
4630	Fig No 10 /Area B	float	ppm	BBE18-51	< LOD	156	48	< LOD	25	7	< LOD	< LOD	< LOD :	< LOD	< LOD	40	< LOD	19	< LOD	< LOD	13511	262	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	76	< LOD :	2061 .
4631	Fig No 10 /Area B	float	ppm	BBE18-51a	< LOD	145	40	< LOD	31	11	< LOD	< LOD	< LOD :	< LOD	< LOD	50	< LOD	< LOD	< LOD	< LOD	16446	267	< LOD	< LOD	< LOD	< LOD	7	< LOD	< LOD	115	46	3267 .
4632	Fig No 10 /Area B	float	ppm	BBE18-51b	< LOD	179	64	< LOD	33	8	< LOD	< LOD	< LOD :	9	< LOD	40	< LOD	16	< LOD	< LOD	14893	225	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	67	< LOD :	3447 .
4633	Fig No 10 /Area B	float	ppm	BBE18-52	< LOD	156	558	< LOD	< LOD	18	27	< LOD	40	< LOD	< LOD	97	< LOD	41	95	< LOD	34390	1434	< LOD	< LOD	< LOD	< LOD	20	3	< LOD	128	71	2393 .
4634	Fig No 10 /Area B	float	ppm	BBE18-52a	< LOD	217	556	11	< LOD	13	< LOD	< LOD	< LOD :	< LOD	< LOD	49	< LOD	< LOD	< LOD	< LOD	28299	< LOD :	< LOD	< LOD	< LOD	< LOD	18	2	< LOD	< LOD	< LOD :	1549 .
4635	Fig No 10 /Area B	float	ppm	BBE18-52b	< LOD	184	96	9	98	21	< LOD	< LOD	23	< LOD	< LOD	96	< LOD	20	< LOD	< LOD	38107	676	< LOD	< LOD	< LOD	< LOD	17	2	< LOD	< LOD	< LOD :	11604 .
4636	Fig No 10 /Area B	float	ppm	BBE18-53	< LOD	139	20	< LOD	59	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	58	< LOD	< LOD	< LOD	< LOD	26902	< LOD :	< LOD	< LOD	< LOD	< LOD	10	2	< LOD	79	< LOD :	327 .
4637	Fig No 10 /Area B	float	ppm	BBE18-53a	< LOD	193	22	< LOD	69	17	< LOD	< LOD	9	10	< LOD	43	< LOD	33	< LOD	< LOD	35867	1037	< LOD	< LOD	< LOD	< LOD	11	2	< LOD	< LOD	< LOD :	1676 .
4638	Fig No 10 /Area B	float	ppm	BBE18-53b	< LOD	227	39	< LOD	110	22	< LOD	< LOD	< LOD :	< LOD	9.99	41	< LOD	28	< LOD	< LOD	21166	1359	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	140	100	2941 .
4639	Fig No 10 /Area B	float	ppm	BBE18-54	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	17	< LOD	< LOD	< LOD	< LOD	1247	259	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	50	54	169 .
4640	Fig No 10 /Area B	float	ppm	BBE18-54a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	13	< LOD	< LOD	< LOD	< LOD	344	68	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	147	< LOD :	< LOD : .
4641	Fig No 10 /Area B	float	ppm	BBE18-54b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	15	< LOD	< LOD	< LOD	< LOD	330	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	157	< LOD :	25 .
4642	Fig No 10 /Area B	float	ppm	BBE18-55	< LOD	143	44	< LOD	38	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	123	< LOD	< LOD	< LOD	< LOD	56331	< LOD :	< LOD	< LOD	< LOD	< LOD	7	2	< LOD	153	98	5358 .
4643	Fig No 10 /Area B	float	ppm	BBE18-55a	< LOD	111	67	< LOD	83	9	< LOD	< LOD	< LOD :	< LOD	< LOD	51	< LOD	23	< LOD	< LOD	19784	204	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	58	< LOD :	592 .
4644	Fig No 10 /Area B	float	ppm	BBE18-55b	< LOD	203	59	< LOD	170	37	< LOD	< LOD	13	< LOD	< LOD	76	< LOD	< LOD	110	< LOD	34410	423	< LOD	< LOD	< LOD	< LOD	6	2	< LOD	< LOD	< LOD :	1159 .
4645	Fig No 10 /Area B	float	ppm	BBE18-56	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	14	< LOD	< LOD	< LOD	< LOD	739	85	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4646	Fig No 10 /Area B	float	ppm	BBE18-56a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	21	< LOD	< LOD	< LOD	< LOD	1063	101	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4647	Fig No 10 /Area B	float	ppm	BBE18-56b	< LOD	5	5	< LOD	48	< LOD	< LOD	< LOD	106	8	< LOD	53	< LOD	< LOD	< LOD	< LOD	32304	258	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	2120 .
4648	Fig No 10 /Area B	float	ppm	BBE18-57	< LOD	5	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	44	< LOD	< LOD	100	< LOD	46432	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	1351	106	509 .

Table No. 4

Black Bear East Area B - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
4649	Fig No 10 /Area B	float	ppm	BBE18-57a	< LOD	7	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	52	< LOD	< LOD	< LOD	< LOD	41113	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	969	83	331 .
4650	Fig No 10 /Area B	float	ppm	BBE18-57b	< LOD	4	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	55	34	37	204	< LOD	31205	1058	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	1736	129	843 .
4651	Fig No 10 /Area B	float	ppm	BBE18-58	< LOD	223	347	< LOD	42	27	69	< LOD	< LOD :	< LOD	< LOD	143	< LOD	< LOD	< LOD	< LOD	51753	< LOD :	< LOD	< LOD	< LOD	< LOD	13	5	< LOD	88	61	1406 .
4652	Fig No 10 /Area B	float	ppm	BBE18-58a	< LOD	143	382	< LOD	10	26	168	< LOD	< LOD :	< LOD	< LOD	162	< LOD	64	< LOD	< LOD	61652	3096	< LOD	< LOD	< LOD	< LOD	5	3	< LOD	< LOD	< LOD :	< LOD : .
4653	Fig No 10 /Area B	float	ppm	BBE18-58b	< LOD	83	478	< LOD	14	34	73	< LOD	< LOD :	< LOD	< LOD	66	< LOD	< LOD	< LOD	< LOD	32359	< LOD :	< LOD	< LOD	< LOD	< LOD	7	3	< LOD	< LOD	< LOD :	< LOD : .
4654	Fig No 10 /Area B	float	ppm	BBE18-59	< LOD	5	9	< LOD	11	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	108	< LOD	< LOD	82	< LOD	117166	2594	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	103	166	756 .
4655	Fig No 10 /Area B	float	ppm	BBE18-59a	< LOD	39	4	< LOD	7	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	116	< LOD	< LOD	< LOD	< LOD	126563	3539	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD :	2225 .
4656	Fig No 10 /Area B	float	ppm	BBE18-59b	< LOD	8	14	< LOD	15	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	104	< LOD	< LOD	98	< LOD	84365	< LOD :	< LOD	< LOD	< LOD	< LOD	4	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4657	Fig No 10 /Area B	float	ppm	BBE18-60	< LOD	34	125	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	63	< LOD	< LOD	< LOD	< LOD	74469	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	4	< LOD	89	245	4061 .
4658	Fig No 10 /Area B	float	ppm	BBE18-60a	< LOD	52	53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	61	< LOD	102	< LOD	320	48820	1231	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	96	140	3127 .
4659	Fig No 10 /Area B	float	ppm	BBE18-60b	< LOD	51	79	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	63	< LOD	49	< LOD	< LOD	82674	3025	< LOD	< LOD	< LOD	< LOD	< LOD	4	< LOD	133	206	4538 .
4660	Fig No 10 /Area B	float	ppm	BBE18-61	< LOD	17	18	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	80	< LOD	76	117	< LOD	49778	821	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	654	149	1735 .
4661	Fig No 10 /Area B	float	ppm	BBE18-61a	< LOD	61	19	< LOD	< LOD	< LOD	13	< LOD	18	< LOD	< LOD	74	< LOD	76	< LOD	< LOD	68748	18335	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	125	105	2815 .
4662	Fig No 10 /Area B	float	ppm	BBE18-61b	< LOD	62	24	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	57	< LOD	388	< LOD	< LOD	58222	7180	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	118	103	3754 .
4663	Fig No 10 /Area B	float	ppm	BBE18-62	< LOD	< LOD	< LOD	< LOD	2	< LOD	684	< LOD	127	< LOD	< LOD	105	< LOD	187	< LOD	< LOD	25146	< LOD :	70	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	166 .
4664	Fig No 10 /Area B	float	ppm	BBE18-62a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	723	< LOD	143	< LOD	< LOD	202	< LOD	244	< LOD	< LOD	43442	142	375	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4665	Fig No 10 /Area B	float	ppm	BBE18-62b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	240	< LOD	43	< LOD	< LOD	33	< LOD	99	< LOD	< LOD	11182	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4666	Fig No 10 /Area B	float	ppm	BBE18-63	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	111	< LOD	16	< LOD	< LOD	16	< LOD	30	< LOD	< LOD	7184	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	83	< LOD :	< LOD : .
4667	Fig No 10 /Area B	float	ppm	BBE18-63a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	966	< LOD	185	< LOD	< LOD	127	< LOD	349	< LOD	< LOD	38824	216	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4668	Fig No 10 /Area B	float	ppm	BBE18-63b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	757	< LOD	109	< LOD	< LOD	64	< LOD	222	< LOD	< LOD	27260	169	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	49	< LOD :	145 .
4669	Fig No 10 /Area B	float	ppm	BBE18-64	< LOD	6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	39	< LOD	< LOD	< LOD	< LOD	64797	4694	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	74	< LOD :	373 .
4670	Fig No 10 /Area B	float	ppm	BBE18-64a	< LOD	25	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	114	< LOD	< LOD	162	< LOD	141022	6282	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	46	150	1287 .
4671	Fig No 10 /Area B	float	ppm	BBE18-64b	< LOD	29	20	< LOD	39	< LOD	< LOD	< LOD	< LOD :	10	< LOD	30	< LOD	17	< LOD	< LOD	22433	540	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4672	Fig No 10 /Area B	float	ppm	BBE18-65	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	18	< LOD	25	< LOD	< LOD	73366	3157	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	88	< LOD :	51 .
4673	Fig No 10 /Area B	float	ppm	BBE18-65a	< LOD	45	23	< LOD	39	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	81	< LOD	< LOD	170	< LOD	60756	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	70	50	904 .
4674	Fig No 10 /Area B	float	ppm	BBE18-65b	< LOD	13	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	70	< LOD	36	< LOD	< LOD	86646	6029	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD :	768 .
4675	Fig No 10 /Area B	float	ppm	BBE18-66	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	51	< LOD	< LOD	144	< LOD	54780	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3929	100	642 .
4676	Fig No 10 /Area B	float	ppm	BBE18-66a	< LOD	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	53	< LOD	26	223	< LOD	39371	961	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2646	< LOD :	< LOD : .
4677	Fig No 10 /Area B	float	ppm	BBE18-66b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	50	< LOD	< LOD	125	< LOD	49163	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2937	67	475 .
4678	Fig No 10 /Area B	float	ppm	BBE18-67	< LOD	34	88	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	90	< LOD	104	< LOD	< LOD	73292	11275	< LOD	< LOD	< LOD	< LOD	< LOD	4	< LOD	74	97	1750 .
4679	Fig No 10 /Area B	float	ppm	BBE18-67a	< LOD	26	91	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	39	< LOD	27	93	< LOD	53985	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	104	111	1636 .
4680	Fig No 10 /Area B	float	ppm	BBE18-67b	< LOD	28	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	100	< LOD	45	94	< LOD	134770	9577	< LOD	< LOD	< LOD	< LOD	< LOD	4	< LOD	115	< LOD :	1221 .
4681	Fig No 10 /Area B	float	ppm	BBE18-68	< LOD	56	21	< LOD	7	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	47	< LOD	54	45	< LOD	51148	2681	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	84	105	4629 .
4682	Fig No 10 /Area B	float	ppm	BBE18-68a	< LOD	50	14	< LOD	6	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	38	< LOD	147	< LOD	< LOD	82345	6336	< LOD	< LOD	< LOD	< LOD	3	2	< LOD	< LOD	< LOD :	< LOD : .
4683	Fig No 10 /Area B	float	ppm	BBE18-68b	< LOD	59	17	< LOD	10	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	84	< LOD	65	84	< LOD	140681	13963	< LOD	< LOD	< LOD	< LOD	< LOD	7	< LOD	112	339	3445 .
4684	Fig No 10 /Area B	float	ppm	BBE18-69	< LOD	12	33	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	68	< LOD	< LOD	< LOD	< LOD	102247	4542	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	64	60	468 .
4685	Fig No 10 /Area B	float	ppm	BBE18-69a	< LOD	< LOD	41	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	50	< LOD	< LOD	< LOD	< LOD	69019	2242	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	38	32	< LOD : .
4686	Fig No 10 /Area B	float	ppm	BBE18-69b	< LOD	< LOD	38	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	45	< LOD	< LOD	< LOD	< LOD	55665	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD : .
4687	Fig No 10 /Area B	float	ppm	BBE18-70	< LOD	42	10	< LOD	16	15	< LOD	< LOD	< LOD :	< LOD	< LOD	113	< LOD	< LOD	< LOD	< LOD	117720	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	54	118	1210 .
4688	Fig No 10 /Area B	float	ppm	BBE18-70a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	24	< LOD	< LOD	< LOD	< LOD	42660	2651	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	46	< LOD :	128 .
4689	Fig No 10 /Area B	float	ppm	BBE18-70b	< LOD	< LOD	23	< LOD	< LOD	< LOD	< LOD	< LOD	23	< LOD	< LOD	118	< LOD	84	234	< LOD	202316	8959	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD :	< LOD : .
4690	Fig No 10 /Area B	float	ppm	BBE18-71	< LOD	92	124	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	66	< LOD	39	< LOD	< LOD	86744	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	4	< LOD	70	231	7292 .
4691	Fig No 10 /Area B	float	ppm	BBE18-71a	< LOD	107	97	< LOD	2	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	81	< LOD	63	< LOD	< LOD	102372	2448	< LOD	< LOD	< LOD	< LOD	4	5	< LOD	< LOD	< LOD :	8009 .
4692	Fig No 10 /Area B	float	ppm	BBE18-71b	< LOD	84	76	< LOD	2	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	73	< LOD	45	< LOD	< LOD	76447	< LOD :	< LOD	< LOD	< LOD	< LOD	5	3	< LOD	70	202	7302 .
4693	Fig No 10 /Area B	float	ppm	BBE18-72	< LOD	15	18	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	60	< LOD	< LOD	< LOD	< LOD	51304	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	470	136	1799 .
4694	Fig No 10 /Area B	float	ppm	BBE18-72a	< LOD	72	76	< LOD	2	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	70	< LOD	56	< LOD	< LOD	74903	2447	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	144	3677 .
4695	Fig No 10 /Area B	float	ppm	BBE18-72b	< LOD	72	112	< LOD	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	67	< LOD	< LOD	< LOD	< LOD	63020	< LOD :	< LOD	< LOD	< LOD	< LOD	6	4	< LOD	83	89	2366 .
4696	Fig No 10 /Area B	float	ppm	BBE18-73	< LOD	24	21	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD :	< LOD	< LOD	58	< LOD	< LOD	< LOD	< LOD	55267	< LOD :	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	506	117	1578 .

Table No. 4

Black Bear East Area B - Rock XRF Sampling Results

XRF No.	Fig. No./Area	Type	Units	Field No.	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag	Nb	Y	Bi	Cr	V	Ti
4697	Fig No 10 /Area B	float	ppm	BBE18-73a	< LOD	17	19	< LOD	5	4	< LOD	< LOD	< LOD	< LOD	< LOD	80	< LOD	< LOD	124	< LOD	67438	1631	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	839	< LOD	3327
4698	Fig No 10 /Area B	float	ppm	BBE18-73b	< LOD	22	26	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	51	< LOD	< LOD	< LOD	< LOD	34686	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	234	< LOD	1546
4730	Fig No 10 /Area B	float	ppm	BBE18-84	< LOD	110	85	< LOD	66	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	81	< LOD	44	< LOD	< LOD	65676	< LOD	< LOD	< LOD	< LOD	< LOD	17	< LOD	< LOD	< LOD	< LOD	1723
4731	Fig No 10 /Area B	float	ppm	BBE18-84a	< LOD	107	71	< LOD	62	11	< LOD	< LOD	< LOD	< LOD	< LOD	77	< LOD	< LOD	< LOD	< LOD	62416	< LOD	< LOD	< LOD	< LOD	< LOD	16	< LOD	< LOD	101	78	2462
4732	Fig No 10 /Area B	float	ppm	BBE18-84b	< LOD	116	57	< LOD	53	12	< LOD	< LOD	< LOD	< LOD	< LOD	72	< LOD	< LOD	< LOD	< LOD	43122	< LOD	< LOD	< LOD	< LOD	< LOD	16	< LOD	< LOD	134	< LOD	2552
4733	Fig No 10 /Area B	float	ppm	BBE18-85	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	616	113	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	109
4734	Fig No 10 /Area B	float	ppm	BBE18-85a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	14	< LOD	< LOD	< LOD	< LOD	664	144	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	324	< LOD	115
4735	Fig No 10 /Area B	float	ppm	BBE18-85b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19	< LOD	< LOD	< LOD	< LOD	782	222	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	32	< LOD	88
4736	Fig No 10 /Area B	float	ppm	BBE18-86	< LOD	< LOD	41	< LOD	2	< LOD	23	< LOD	11	< LOD	< LOD	89	< LOD	16	< LOD	< LOD	25027	763	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	865
4737	Fig No 10 /Area B	float	ppm	BBE18-86a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	17	< LOD	< LOD	< LOD	< LOD	677	83	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4738	Fig No 10 /Area B	float	ppm	BBE18-86b	< LOD	< LOD	123	< LOD	< LOD	< LOD	70	< LOD	< LOD	< LOD	< LOD	35	< LOD	< LOD	< LOD	< LOD	8522	218	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4739	Fig No 10 /Area B	float	ppm	BBE18-87	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	12	< LOD	17	< LOD	< LOD	683	97	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4740	Fig No 10 /Area B	float	ppm	BBE18-87a	< LOD	< LOD	68	< LOD	< LOD	< LOD	25	< LOD	< LOD	< LOD	< LOD	75	< LOD	< LOD	< LOD	< LOD	30775	226	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4741	Fig No 10 /Area B	float	ppm	BBE18-87b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	594	67	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4742	Fig No 10 /Area B	float	ppm	BBE18-88	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	20	< LOD	29	< LOD	< LOD	42322	328	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	71	< LOD	264
4743	Fig No 10 /Area B	float	ppm	BBE18-88a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	13	< LOD	27	< LOD	< LOD	5779	60	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4744	Fig No 10 /Area B	float	ppm	BBE18-88b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	16	< LOD	< LOD	< LOD	< LOD	1824	219	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	52	< LOD	211
4745	Fig No 10 /Area B	float	ppm	BBE18-89	< LOD	< LOD	49	< LOD	< LOD	< LOD	30	< LOD	< LOD	< LOD	< LOD	69	< LOD	21	< LOD	< LOD	21738	310	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	126	< LOD	< LOD
4746	Fig No 10 /Area B	float	ppm	BBE18-89a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	23	< LOD	< LOD	< LOD	< LOD	5442	242	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	30	< LOD	142
4747	Fig No 10 /Area B	float	ppm	BBE18-89b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	25	< LOD	14	< LOD	< LOD	86	< LOD	< LOD	< LOD	< LOD	23584	260	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4748	Fig No 10 /Area B	float	ppm	BBE18-90	< LOD	335	146	6	2	28	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	< LOD	< LOD	< LOD	3832	249	< LOD	< LOD	< LOD	< LOD	4	3	< LOD	80	< LOD	1036
4749	Fig No 10 /Area B	float	ppm	BBE18-90a	< LOD	25	61	< LOD	< LOD	< LOD	45	< LOD	< LOD	< LOD	< LOD	71	< LOD	53	< LOD	< LOD	38781	3733	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	80	< LOD	1298
4750	Fig No 10 /Area B	float	ppm	BBE18-90b	5	6	61	< LOD	3	< LOD	209	< LOD	13	< LOD	< LOD	53	< LOD	277	129	< LOD	114046	4695	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	< LOD	< LOD
4751	Fig No 10 /Area B	float	ppm	BBE18-91	< LOD	97	11	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	64	< LOD	35	< LOD	< LOD	98695	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	180	5248
4752	Fig No 10 /Area B	float	ppm	BBE18-91a	< LOD	173	19	< LOD	15	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	56	< LOD	562	111	< LOD	147406	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	9	< LOD	< LOD	306	9577
4753	Fig No 10 /Area B	float	ppm	BBE18-91b	< LOD	84	16	< LOD	2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	92	< LOD	101	< LOD	< LOD	71937	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2	< LOD	< LOD	< LOD	2524
4754	Fig No 10 /Area B	float	ppm	BBE18-92	< LOD	62	4	< LOD	7	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	22	< LOD	24	< LOD	< LOD	4936	306	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	62	< LOD	432
4755	Fig No 10 /Area B	float	ppm	BBE18-92a	< LOD	44	5	< LOD	9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	24	< LOD	16	< LOD	< LOD	14523	619	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	571
4756	Fig No 10 /Area B	float	ppm	BBE18-92b	< LOD	105	5	< LOD	6	5	< LOD	< LOD	< LOD	< LOD	< LOD	18	< LOD	28	< LOD	< LOD	7808	965	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	41	< LOD	465
4757	Fig No 10 /Area B	float	ppm	BBE18-93	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	16	< LOD	17	< LOD	< LOD	6516	247	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4758	Fig No 10 /Area B	float	ppm	BBE18-93a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	15	< LOD	17	< LOD	< LOD	2999	80	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	56	< LOD	< LOD
4759	Fig No 10 /Area B	float	ppm	BBE18-93b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	11	< LOD	< LOD	< LOD	< LOD	871	66	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	152	< LOD	< LOD
4760	Fig No 10 /Area B	float	ppm	BBE18-94	631	566	172	407	55	202	442	< LOD	< LOD	< LOD	**264.42**	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	6	< LOD	< LOD	< LOD	< LOD	158	37	< LOD	< LOD	< LOD	< LOD
4761	Fig No 10 /Area B	float	ppm	BBE18-94	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	14	< LOD	23	< LOD	< LOD	8939	147	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	48	< LOD	131
4762	Fig No 10 /Area B	float	ppm	BBE18-94a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	20	< LOD	184	< LOD	< LOD	75441	280	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4763	Fig No 10 /Area B	float	ppm	BBE18-94b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	65	< LOD	9	< LOD	< LOD	27	< LOD	163	< LOD	< LOD	127336	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4764	Fig No 10 /Area B	float	ppm	BBE18-95	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19	< LOD	< LOD	969	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	44	177
4765	Fig No 10 /Area B	float	ppm	BBE18-95a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	5	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	434	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4766	Fig No 10 /Area B	float	ppm	BBE18-95b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	12	< LOD	< LOD	< LOD	< LOD	495	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	68
4767	Fig No 10 /Area B	float	ppm	BBE18-96	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	16	< LOD	18	< LOD	< LOD	3250	139	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4768	Fig No 10 /Area B	float	ppm	BBE18-96a	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	15	< LOD	< LOD	441	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4769	Fig No 10 /Area B	float	ppm	BBE18-96b	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	17	< LOD	< LOD	< LOD	< LOD	12098	452	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	86	< LOD	73
4770	Fig No 10 /Area B	float	ppm	BBE18-97	< LOD	20	144	< LOD	10	5	< LOD	< LOD	< LOD	9	< LOD	39	< LOD	19	< LOD	< LOD	3156	189	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	91	< LOD	359
4771	Fig No 10 /Area B	float	ppm	BBE18-97a	< LOD	24	171	< LOD	3	20	43	< LOD	< LOD	< LOD	< LOD	51	< LOD	< LOD	< LOD	< LOD	5293	527	< LOD	< LOD	< LOD	< LOD	3	< LOD	< LOD	73	< LOD	224
4772	Fig No 10 /Area B	float	ppm	BBE18-97b	< LOD	32	144	< LOD	11	4	19	< LOD	< LOD	< LOD	< LOD	35	< LOD	< LOD	< LOD	< LOD	4340	487	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	78	< LOD	377
4773	Fig No 10 /Area B	float	ppm	BBE18-98	< LOD	195	151	< LOD	102	16	< LOD	< LOD	< LOD	< LOD	< LOD	70	< LOD	17	< LOD	< LOD	18004	260	< LOD	< LOD	< LOD	< LOD	10	3	< LOD	96	150	3610
4774	Fig No 10 /Area B	float	ppm	BBE18-98a	< LOD	199	169	< LOD	106	15	< LOD	< LOD	< LOD	< LOD	< LOD	87	41	31	< LOD	158	26950	376	< LOD	< LOD	< LOD	< LOD	14	3	< LOD	< LOD	< LOD	< LOD
4775	Fig No 10 /Area B	float	ppm	BBE18-98b	< LOD	155	82	< LOD	52	28	32	< LOD	< LOD	< LOD	< LOD	71	< LOD	44	< LOD	< LOD	29039	< LOD	< LOD	< LOD	< LOD	< LOD	12	3	< LOD	< LOD	< LOD	1528