# ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **Geological & Geochemical Ace Property, Cariboo Mining Division, British Columbia**

TOTAL COST: **$21,217.00**

AUTHOR(S): **Rein Turna**
SIGNATURE(S): **"SIGNED"**
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **MX-10-155 & MX-10-228**
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **5594432 – (October 15, 2015 to March 11, 2016)**

YEAR OF WORK: **2015 & 2016**
PROPERTY NAME: **Ace Property**
CLAIM NAME(S) (on which work was done)
**Ace Property (tenure # 1038873 & 1038874)**

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

BCGS: **93A/14**
LATITUDE **52.8°**
LONGITUDE **121.1°**
UTM Zone **10** EASTING **625986** NORTHING **5851878**

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

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

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

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

| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (in metric units) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|---|---|---|
| GEOLOGICAL (scale, area) | | | |
| Ground, mapping | N/A | | |
| Photo interpretation | N/A | | |
| GEOPHYSICAL (line-kilometres) | | | |
| Ground | N/A | | |
| Magnetic | N/A | | |
| Electromagnetic | N/A | | |
| Induced Polarization | N/A | | |
| Radiometric | N/A | | |
| Seismic | N/A | | |
| Other | N/A | | |
| Airborne | N/A | | |
| GEOCHEMICAL (number of samples analysed for …) | | | |
| Soil | N/A | | |
| Silt | N/A | | |
| Rock | 135 | 1038873<br>1038874 | $ 12,846.23 |
| Other | N/A | | |
| DRILLING (total metres, number of holes, size, storage location) | | | |
| Core | N/A | | |
| Non-core | N/A | | |
| RELATED TECHNICAL | | | |
| Sampling / Assaying | 135 | 1038873<br>1038874 | $ 8,370.77 |
| 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** | $ 21,217.00 |

# GEOLOGICAL & GEOCHEMICAL

## ASSESSMENT REPORT

**on the**

## Ace Property

Cariboo Mining Division, British Columbia

The geographic coordinates of the Ace property are:
52.8° North Latitude and 121.1° West Longitude or
625986 E and 5851878 N UTM coordinates (NAD 83)
The relevant map is:
N.T.S. Map No. 93A/14

for

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

Prepared by:
Rein Turna

**July 20, 2016**

## 1.0 SUMMARY

Work performed in 2015 and 2016 on Barker Minerals Ltd.'s Ace property consisted of rock sampling in follow up to soils sampled in a previous work program. 135 geochemical analyses were made of rocks collected during this program. This report describes the work done and results. Detailed maps and geochemical data are presented in Appendix H.

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## 2.0 INTRODUCTION

This report describes assessment work performed in 2015-2016 on Barker Minerals Ltd.'s Ace property. The work was concentrated in the area of **tenure nos. 1038873 and 1038874**. Rock and soil samples were analyzed by X-ray fluorescence (XRF) for multiple elements. The purpose was to add geochemical information to the existing database, and to identify potential mineralized lithologic horizons in an on-going mineral exploration program.

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

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

## 3.0 PROPERTY DESCRIPTION and LOCATION

The Ace property consists of contiguous claims listed in Appendix B – Barker Minerals Ltd. Mineral Claims Details. The property's location in British Columbia is indicated in Figure No. 1 – Ace 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 approximately 10.0 km east of the north end of Cariboo Lake in the Cariboo Mining Division in British Columbia and are 100% owned by Barker Minerals Ltd. of Prince George, B.C. The property is approximately 35 km northeast of the settlement of Likely and 100 km northeast the City of Williams Lake. The City of Prince George is 160 km to the north.

The geographic coordinates of the Ace property are:
52.8° North Latitude and 121.1° West Longitude or
625986 E and 5851878 N UTM coordinates (NAD 83).
The relevant map is:
N.T.S. Map No. 93A/14.

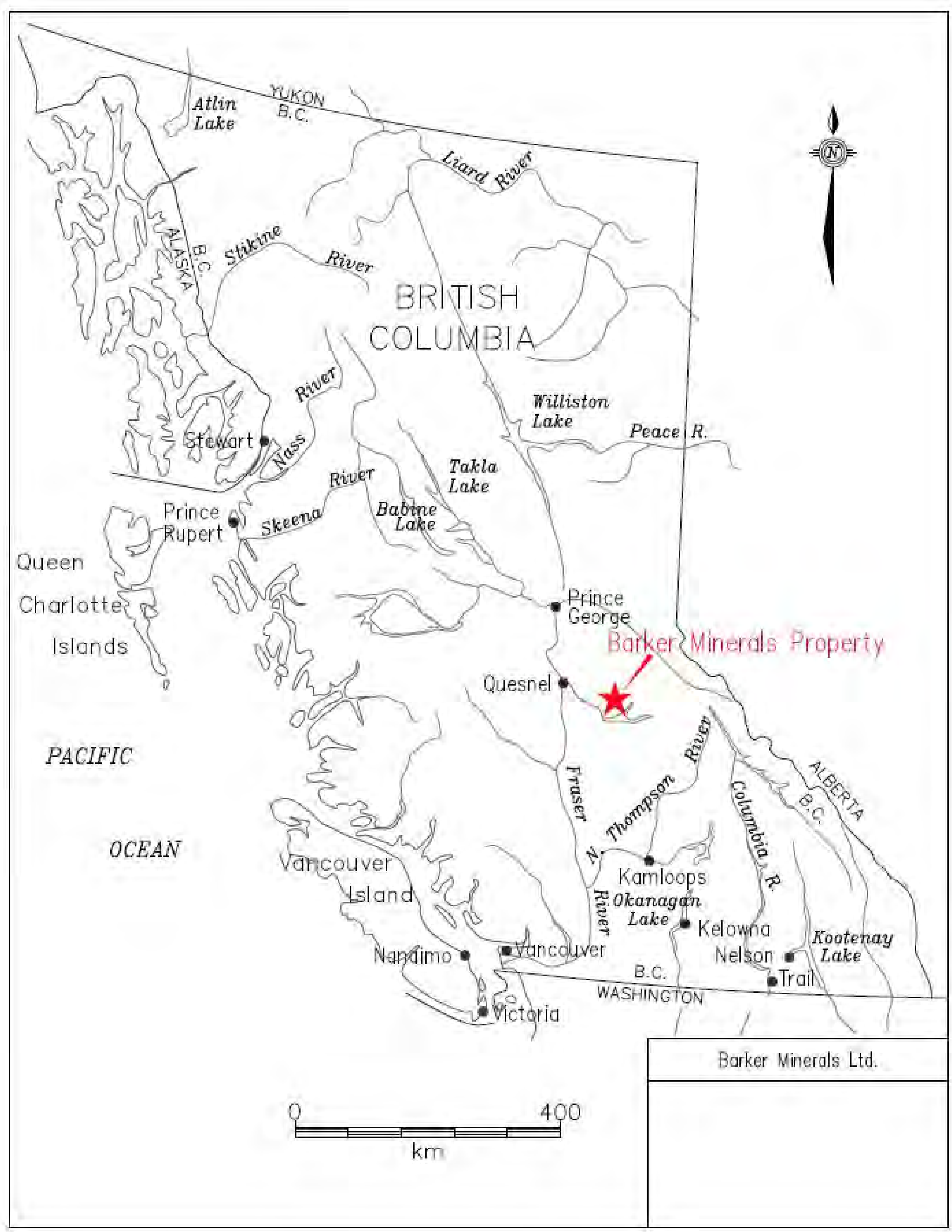



Figure No. 1 Barker Minerals Ltd. Ace property location in British Columbia.

## 4.0 MINERAL CLAIMS

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

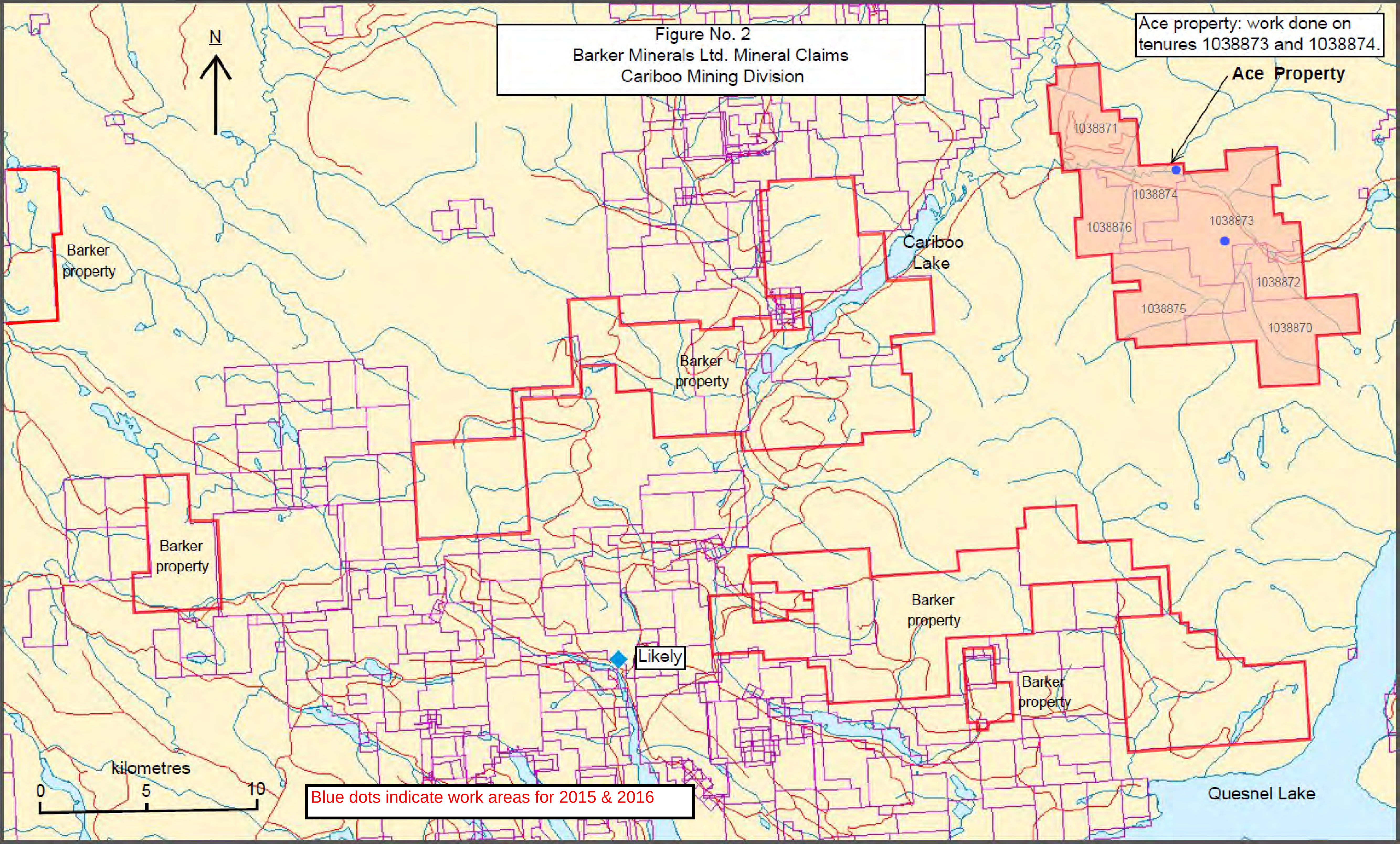


Figure No. 2
Barker Minerals Ltd. Mineral Claims
Cariboo Mining Division
Ace property: work done on tenures 1038873 and 1038874.
Ace Property
N
1038871
1038874
1038876
1038873
1038872
1038875
1038870
Cariboo Lake
Barker property
Barker property
Barker property
Barker property
Barker property
Likely
Quesnel Lake
kilometres
0
5
10
Blue dots indicate work areas for 2015 & 2016

## 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 Ace property is via gravel logging roads bearing northeast from Likely. Figure No. 4 shows access roads from Likely to Barker's mineral properties.

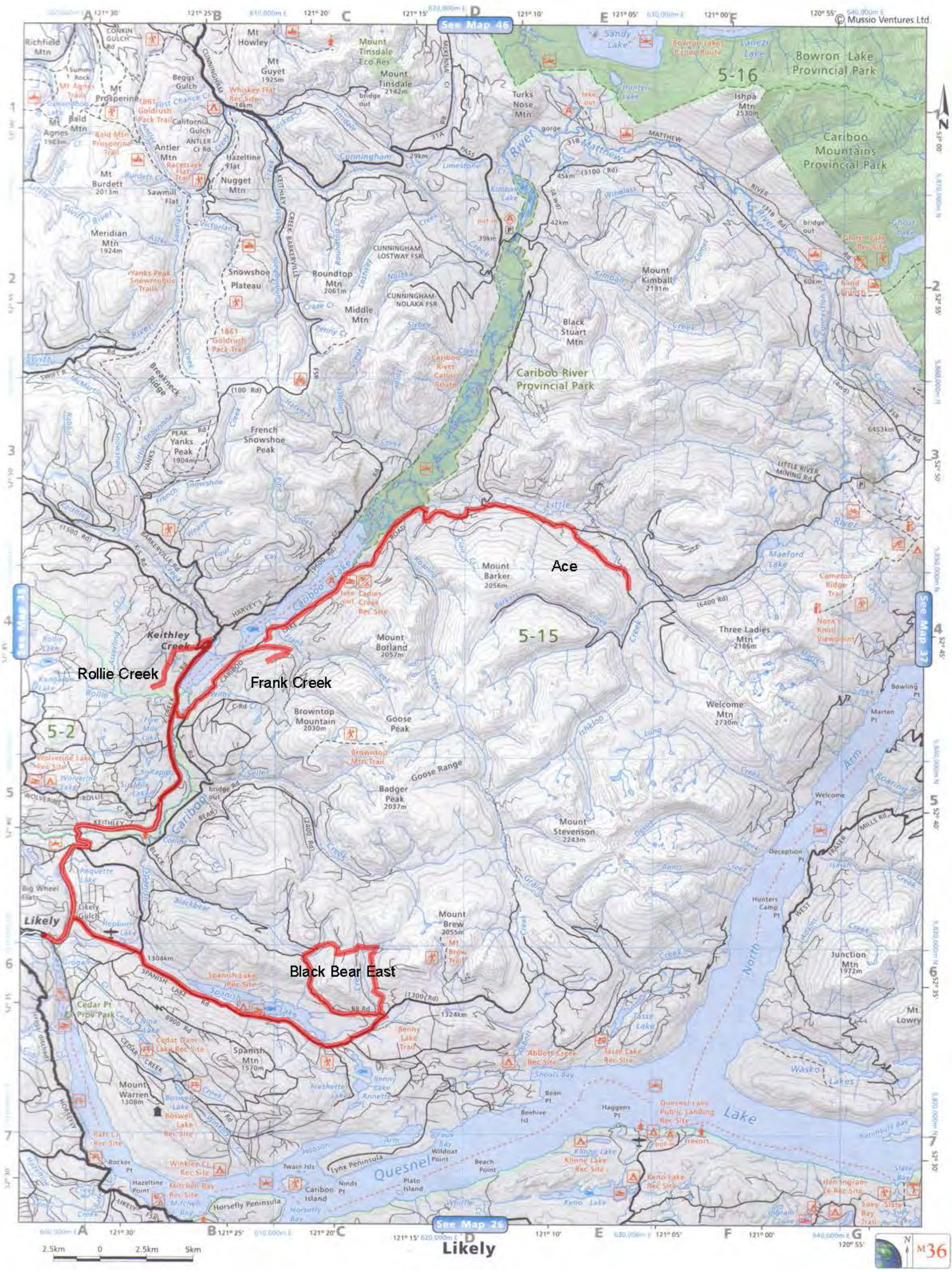



Figure No. 3 Access roads from Likely to several of Barker Minerals' properties.

## 6.0 HISTORY

### 6.1 History of Work Done on the Ace Property

The Ace property has an extensive exploration work history beginning in 1980. There is no record of any mineral exploration work in the area of the current Ace property prior to 1980.

#### 6.1.1 Work done in 1980

The relevant report is Assessment Report 9666 by M.G. Larsen.

"Huge boulders of well mineralized rock" were said to lie on a logged-off slope on the south side of Little River. Bornite, chalcopyrite, sphalerite and pyrite were noted in strongly metamorphosed sedimentary rocks.

#### 6.1.2 Work done in 1993-94

The relevant report is Assessment Report 23733 by H.P. Salat and C.A.R. Lammle.

Prospecting, geological mapping and stream silt and soil sampling were done on the Ace claims, owned by Barker Minerals Ltd. Prospecting by L.E. Doyle, later president of Barker Minerals Ltd., discovered coarse gold flakes in a rivulet on the north side of the ridge east of Mount Barker. The original sediment Sample No. 93-11-1001 from culvert #7, approximately 4.5 km up the F Road, assayed 129.0 g/t Au. Check Sample Nos. 93-11-1002 and 1003 from the same location as the original sample assayed 73.8 g/t and 41.8 g/t Au.

Outcrop was sparse but an extensive train of mineralized quartz vein float, up to 1 to 2 metres in size, and a few outcrops, often sulphide-rich, contained pyrite, pyrrhotite and arsenopyrite, with lesser chalcopyrite, bornite, galena and sphalerite. The quartz samples were often anomalous in Bi, Cu, Cr, As, Ag, Pb and Zn besides Au. Bi, Cu and Cr were considered the best pathfinders for Au in the quartz samples. Geochemical and assay results from samples of mineralized quartz float were:

| F Road sample no. | geochem or assay results |
|---|---|
| 1047 | 555 ppb Au |
| 1085 | 505 ppb Au |
| 1123 | 775 ppb Au |
| 1160 | 22.03 g/t Au, 8.80% As |
| 1162 | 1.02 g/t Au |
| 1163 | 0.59 g/t Au |
| 1187 | 990 ppb Au |
| 1188 | 1,900 ppb Au |
| 1345 | 1.76 g/t Au |

Hardychuck (S) Road

| sample no. | geochem or assay results |
|---|---|
| 1261 | 18.8 g/t Au, 2,025 ppm Bi, 1,252 ppm Pb |
| 1263 | 1.51 g/t Au |
| 1280 | 10.70% Pb, 1.42% Zn |

Colleen Rd.

| sample no. | geochem or assay results |
|---|---|
| 1326 | >10,000 ppm Pb, >10,000 ppm Zn |
| 1327 | 0.19 g/t Au |
| 1328 | 0.16 g/t Au |
| 1329 | 0.19 g/t Au |
| 1344 | 3,750 ppm Pb, 2,294 ppm Zn |
| 1358 | 23.71 g/t Au |
| 1359 | 1.13 g/t Au |

At certain locations mineralized quartz veins in outcrop were discovered. Grab samples from these returned:

F Road

| sample no. | geochem or assay results |
|---|---|
| 1124 | 355 ppb Au |

Slopes above end of F Road

| sample no. | geochem or assay results |
|---|---|
| 1148 | 0.41 g/t Au |
| 1150 | 0.36 g/t Au |

Colleen Road

| sample no. | geochem or assay results |
|---|---|
| 1287 | 1.52 g/t Au |
| 1289 | 6.05 g/t Au |

Main Cirque

| sample no. | geochem or assay results |
|---|---|
| 1176 | 140 ppb Au |
| 1195 | 300 ppb Au |
| 1196 | 425 ppb Au |

The most prominent quartz vein in outcrop was at the site of Sample No. 1150 approximately 1.0 km uphill, SE of the highly anomalous stream sediment at culvert #7 on the F Road. Here a 0.5 m to 2.0 m wide rusty vein was observed to trend over 100 m.

Approximately 25 km of lines were cut and flagged for subsequent soil sampling. 750 soil samples were collected.

It was considered the quartz-related Au mineralization on the Ace property may be generally comparable with similar gold-bearing veins known at the Mosquito Creek and Cariboo Mountain gold mines and Island Mountain deposit in the Well-Barkerville area, 40 km to the NW. The similarities were:

- Sulphide-rich quartz veins hosted in metamorphosed sediments in a similar geological setting.
- Bi, Ag and base metal sulphides with Au.
- Cr-mica in alteration zones.

Comprehensive follow-up work was recommended.

#### 6.1.3 Work done in 1995

The relevant report is Assessment Report 24286 by C.A.R. Lammle.

Prospecting, geological, petrographic, geochemical and geophysical work was done on the Ace claims by Barker Minerals Ltd.

Approximately 100 km of grid lines were cut and flagged and 1,780 soil samples were collected in the area of Colleen Road and the lower part of F road. 2,040 additional soils were collected to await analysis on a selective basis. Ground magnetometer and VLF-EM surveys were done over 109.7 line km.

The most significant geochemical and geophysical anomalies were assigned letters A to K, with the large “boron halo” feature given letter V. Individual magnetic anomalies varied from 200 m to 1,000 m in length and tended to parallel the NW-SE regional geological trend. Numerous electromagnetic conductors varying from 200 m to 600 m in length were defined.

Petrographic studies were done on several rock polished sections. Gold-bearing telluride minerals, bismuthenite, native bismuth and gold were observed in quartz in Sample No. 94-10-1358, the same sample from Colleen Road which assayed 23.71 g/t Au in the previous year’s work. In this sample the volume of Au-Te and Au-Bi minerals were much higher than native gold. It was estimated that telluride minerals in the quartz was 100 times greater than that of native gold. It was suggested that the economic potential of Au in compounds with Te and Bi was probably higher than in native Au itself.

Further EM and soil sampling was recommended to complete the geophysical and geochemical surveys southeast toward the 1994 survey grid. Trenching and diamond drilling were also recommended.

#### 6.1.4 Work done in 1996
The relevant report is Assessment Report 24988 by L.E. Doyle.

A magnetic survey was done on 8 placer claim units owned by Barker Minerals Ltd., situated in the west end of the Ace mineral claims, north of Mount Barker.

#### 6.1.5 Work done in 1996
The relevant report is Assessment Report 24989 by C.A.R. Lammle, G.A, Shore & S.N. Roach.

600 fill-in soil samples were collected. Ground VLF-EM and magnetic surveys were done over 77.3 line km .

A conventional pole-dipole induced polarization (IP) geophysical survey was done over 26.4 line km.

A resistivity (3-D E-SCAN) survey was done around the location of culvert #7 on the F Road where coarse gold flakes were discovered in 1993. A shallow strong low resistivity anomaly, approximately 400 m x 400 m in area, was centered 1.5 km north of culvert #7 and occurred astride the quartz float train outlined in 1994. This was deemed to be a prime low resistivity anomaly worthy of follow-up, along with others, and it was recommended to enlarge the 3-D E-SCAN survey area and correlate the data with geological mapping before determining drill targets.

36 prospecting test pits and 280 metres of mechanical trenching were done. Rock samples from Test Pit 30 on F Road returned 1,065 ppb and 1,386 ppb Au. Rocks from trenches on Colleen and Hardychuck Roads had values up to 296 ppb and 213 ppb Au.

Further work was recommended to be done on the Ace property; this to include geological mapping, detailed stream sediment sampling and detailed mapping and sampling of existing trenches and 22 line km of detailed VLF-EM and magnetic surveys.

#### 6.1.6 Work done in 1997
The relevant report is Assessment Report 25437 by J.G. Payne.

The Ace Grid was enlarged with 31.0 km of cut line. 11.9 km of magnetomer prospecting was done as a guide in locating trenches, 20 trenches (1,084 m total) were excavated, generally near the foot of Hardychuck Road, 343 rock chip and grab samples were collected, 336 soil samples, collected in 1996 on the periphery of the Ace grid, were analyzed in 1997, and stream sediment samples were collected.

Trenches exposed zones up to 10 m thick of semi-massive sulphide. Sample No. A97-50 on ‘M Road’ was quartz float with 6,420 ppb Au. The M Road is crossed by HLEM Conductor A, which would be discovered in the 2000 HLEM survey.

The rocks were considered to show many of the characteristics of the footwall rocks to a volcanogenic massive sulphide deposit. The major chargeability and resistivity anomaly which passes through the area of the main trenches and runs parallel with the host rocks was interpreted as being caused by a massive to semi-massive sulphide body at the top (northeast) side of a felsic rock unit. Drilling was recommended along the main zone of the felsic volcanic rocks.

#### 6.1.7 Work done in 1998

The relevant report is Assessment Report 25904 by J.G. Payne.

Seven DDH holes (1,260 m) were drilled on the Ace property. Geological mapping was done. The 7 drill holes targeted conductivity, low resistivity and magnetic anomalies in a zone suspected to be underlain by the felsic rocks with a potential for massive sulphides.

An unspecified number of rock samples were collected in prospecting. Of 31 samples deemed anomalous on Table 1b of the assessment report, several sulphide-rich quartz floats were high in gold:

| Sample no. | Au (ppb) | grid location | |
|---|---|---|---|
| #148 | 9,130 | 16+75S 12+00 E | at the foot of Jim Road |
| 9821 | 14,620 | 13+50S 4+90E | on main creek 500 m east of Colleen Road. |

Other samples had >1,000 ppb Au or were highly anomalous in base metals or pathfinder elements. The common and widespread occurrence of sulphide-rich quartz float with high Au values were indications of a local source on the Ace property but the general lack of outcrop in the areas of most interest continued to challenge the discovery of bedrock sources.

Payne's opinion was that data from the 1998 work tended to confirm the presence of a volcanogenic massive sulphide environment associated with metamorphosed felsic volcanic rock along the trend of the quartz boulder field and the massive sulphides and gold-bearing quartz-sulphide veins were from the same geological environment. The area west of DDH 98-3 was considered to be a major exploration target. A broad geophysical anomaly in an area of 'felsite' rubble and abundant boulders of quartz veins anomalous in precious and base metals northeast of the 1998 drilling was also recommended for further exploration.

It was recommended to extend the geophysical and geochemical surveys east and west of the surveys along the axis of the main zone of the felsic volcanic rocks.

### 6.1.8 Work done in 2000

The relevant report is Assessment Report 26504 by J.G.Payne .

HLEM and magnetometer surveys were done to locate conductors that could be attributable to massive sulphide mineralization. Three conductors were discerned. Conductor A had a strike length of 1,200 m, was associated with a magnetic high and was open to the east. It was also associated with the main resistivity low anomaly from the 3-D E-SCAN survey of 1996. Conductor A crossed the M Road on which rock Sample No. A97-50 had 6,420 ppb Au in quartz float in 1997.

Sixteen float rock samples collected during prospecting were variously anomalous in precious, base and pathfinder elements. Sample No. 2106 had 4,100 ppb Au.

Geological mapping was recommended, especially in areas of potential felsic volcanic rocks that had not yet been examined. The HLEM anomalies were recommended to have a gravity survey done over them. It was anticipated that follow-up of this work would include trenching and diamond drilling.

### 6.1.9 Work done in 2001

The relevant report is Assessment Report 26805 by P.E. Walcott.

HLEM and gravity surveys were done on Ace property. The purpose of the HLEM survey was to better define existing EM anomalies. The gravity survey was to assist in the discrimination of graphitic and sulphide conductors, based on the premise that a conductor with an associated gravity anomaly could be attributed to a possible massive sulphide body. Several gravity anomalies were detected, some coincident with known conductors from the previous year’s work. It was recommended that these gravity-conductor anomalies be investigated by drilling.

### 6.1.10 Work done in 2002

The relevant report is Assessment Report 27125 by L.E. Doyle.

Limited magnetic, HLEM and gravity surveys were continued at targeted areas.

Five DDH holes (646 m) were drilled . The small drill program, consisting of five widely spaced holes, tested only a few of the numerous geophysical, geochemical and geological targets on the property. Compilation of all existing data was recommended before further drilling would be proposed.

Expansion of the HLEM and gravity surveys along the strike of the favourable horizons in exploration for VMS massive sulphide mineralization was recommended.

### 6.1.11 Work done in 2003-04

The relevant report is Assessment Report 27655 by L.E. Doyle.

Eleven trenches (428 m) were excavated, targeting magnetic, HLEM and geochemical anomalies. The most significant outcome of the trenching may have been the discovery of 'coticule' rocks, inferred to represent metamorphosed Mn exhalites formed around subaqueous hydrothermal systems and can provide a marker unit and guide for exploration.

Recommendations for further work included:

- prospecting to be continued for mineralized boulders as well as 'coticule' rocks;
- further trenching to test geophysical and geochemical anomalies in the F Road area and in the eastern part of the property;
- a reconnaissance program including geological mapping and lithogeochemical sampling to include delimiting the area of the 'felsite' rocks and to improve understanding of the regional structure and local geology;
- soil sampling was recommended in specific areas. An enzyme leach geochemical technique was recommended to analyze soils due to its effectiveness to 'see through' deep glacial cover;
- a Titan-24 IP geophysical survey to be done over the eastern part of the Ace property;
- additional drilling was recommended at known zones of alteration.

### 6.1.12 Work done in 2014-2016

The relevant assessment reports are by Turna, R., dated February 18, 2015 (AR 35157), July 31, 2015 (AR 35468), November 30, 2015 [AR 35717] and March 15, 2016 and May 1, 2016.

In 2014 (AR 35157), 80 rock samples were collected on the flanks of Mount Barker.

In 2015 (AR 35468), 32 rocks were sampled on the ridge east of the mountain and 85 rock and 96 stream samples were collected in the vicinity of F Road. Three rock samples had 10.00 ppm Au, 10.50 ppm Au and 23.07 ppm Au.

In follow up work (AR 35717), 189 rock and 364 soils were sampled on the F and 8400 Roads. Three soils had 9.46 ppm Au, 11.35 ppm Au, 9.81 ppm Au.

In follow up (AR dated Mar 15, '16) work 53 stream samples were collected from streams and seeps crossing the F Road. Two streams had 11.45 ppm Au and 12.55 ppm Au.

In follow up (AR dated May 1, '16) work 193 rock samples were collected above the F Road. Some of these had anomalous results in Zn.

Continued exploration was recommended for quartz vein and intrusion related mineralization.

# 7.0 GEOLOGY

## 7.1 Regional Geology

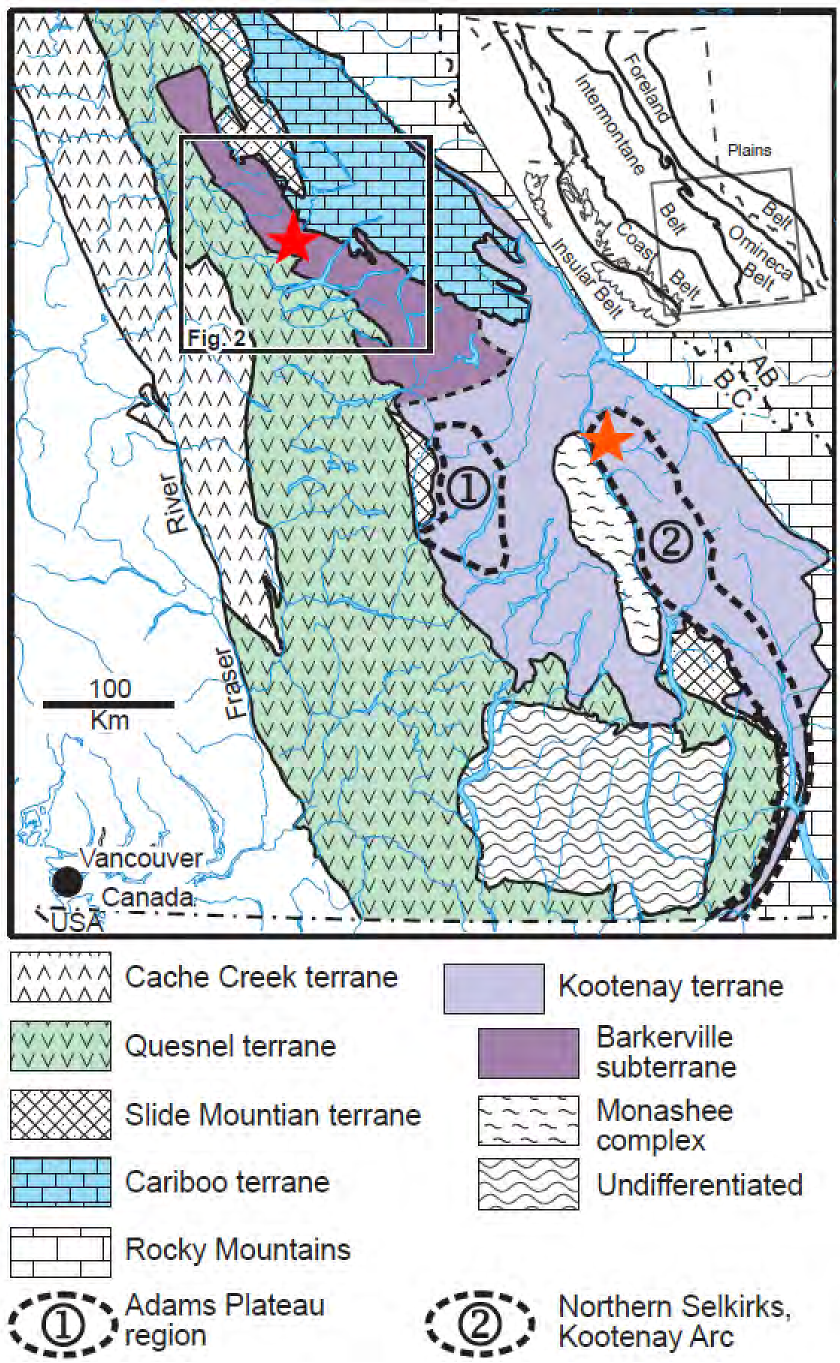



Figure No. 4 Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

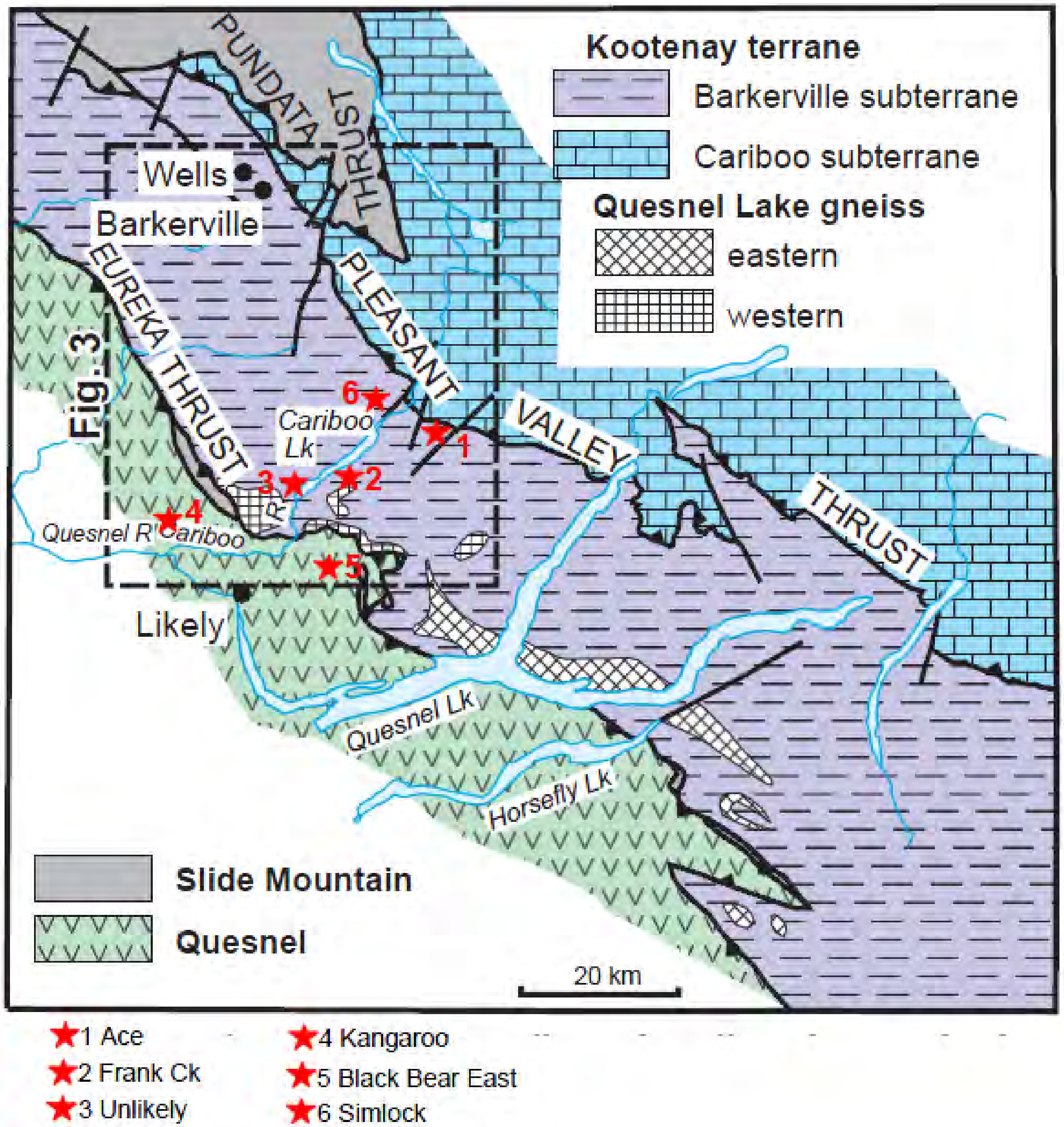



Figure No. 5 Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

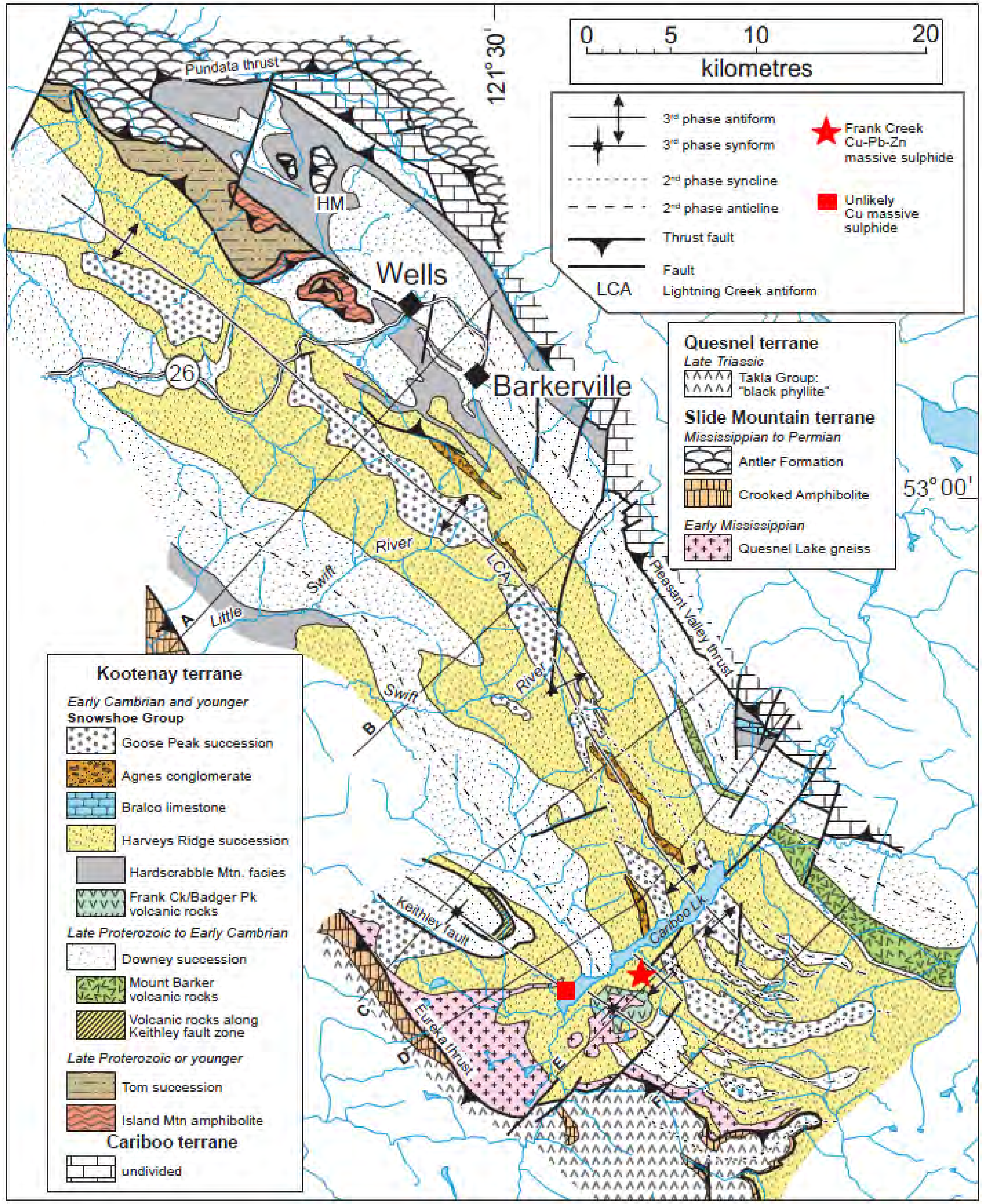



Figure No. 6 Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

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.

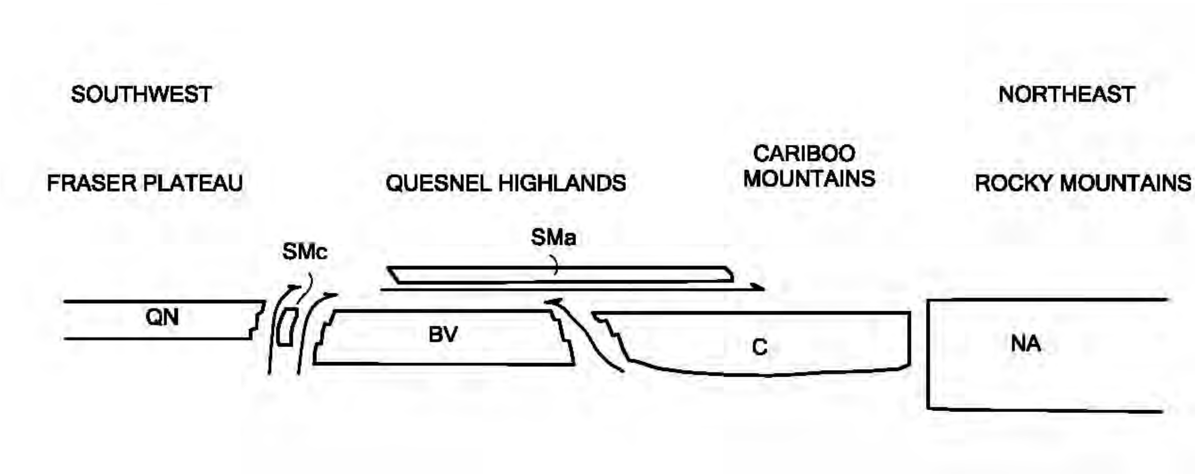



Figure No. 7 Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (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 Ace Area

The Ace property, and Little River area in general, are situated on the Barkerville Terrane which is in fault contact with the Cariboo Terrane to the northeast. The property is underlain by the Palaeozoic Downey succession of the Snowshoe Group. The Downey succession consists of micaceous quartzite, phyllite and schist, with some marble and amphibolite.

The Ace property is underlain by a sequence of metamorphosed and strongly deformed sedimentary and possibly intermediate volcanic rocks. The most prevalent lithologies are quartz-feldspar-muscovite-chlorite±biotite±garnet-bearing schists. Notable as well, is a thick, pyrite and pyrrhotite-rich graphitic layer. Black, locally graphitic phyllites, containing pyrite and pyrrhotite, occur on lower slopes. Calcareous argillite, quartzite and limestone are also present but are poorly exposed.

All rock formations in the area have experienced greenschist facies metamorphism. Metamorphic grade increases toward the southeast. All the rocks show at least one foliation or pervasive cleavage. The original bedding is rarely evident and relationships between units are difficult to determine.

## 8.0 EXPLORATION PROGRAM, 2015 - 2016

### 8.1 Sampling Method and Approach

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

Most rock analyses were done at Barker Minerals' field office in Likely. Coordinates were collected at all sample locations. The coordinates are provided in Table No. 1. The rocks were analyzed in a manner to determine both their “high grade” and “low grade” values at each site, in order to minimize a “nugget” effect and to determine background values. 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 135 geochemical analyses were made.

### 8.2 Economic Targets and Work Done

Rock sampling was done above the F Road on the northeastern side of the property. The sampling was done at locations where soil samples, collected during a previous program, had anomalous values of Pb, Zn or Cu. The rocks analyzed during the current program were float. The economic target was gold in quartz veins or within the rock hosting the veins.

Zn (up to 240 ppm) and Cu (up to 9,740 ppm) anomalies were got in several samples. Bi was spottily anomalous; the highest value was 586 ppm. Sample No. 24 had **145.86 ppm Au**. This same sample had 62,298 ppm tungsten and 149 ppm bismuth.

## 9.0 CONCLUSIONS

The rock sampling program was of limited scope. Limited outcrop in the target areas necessitated sampling float in lieu of bedrock.

## 10.0 RECOMMENDATIONS

The very extensive work history of the Ace property resulted in recommendations for comprehensive follow up work to be done. A synthesis of the historical work should be done along with work recommended by the previous programs.

The **145.86 ppm Au** result should be followed up by more intensive prospecting and rock and soil sampling.

# 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).<br>34.29 g/t (metric tonnes) = 1.00 oz/T (short tons). |
| Ha | Hectare - an area totalling 10,000 square metres, e.g., an area 100 metres by 100 metres. |
| HLEM | Horizontal loop electromagnetic. |
| IP | Induced polarization. |
| km | Kilometre. |
| lb. | Pound. |
| Leucocratic | Light-coloured. |
| m | Metre. |
| Max-Min | An HLEM technique to test for resistivity and conductivity of rocks. |
| MT | Magnetotelluric. A electrical method that uses natural variations in the Earth's magnetic field to induce electric current in the ground to determine the subsurface resistivity. |
| my | Million years. |
| NE-SW | Northeast-Southwest. |
| NNW-SSE | North northwest – South southeast. |
| NW | Northwest. |
| NW-SE | Northwest - Southeast. |
| N-S | North-South. |
| OF | Open File. |
| oz. | Ounce. |
| oz/T | ounces per ton (Imperial measurement). |

34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).

oz/st ounces per short ton (Imperial measurement, same as oz/T).
34.29 g/t (metric tonnes) = 1.00 oz/st (short tons).

ppb Parts per billion.

ppm Parts per million (1 ppm = 1,000 ppb = 1 g/t).

Protolith The original rock before it was metamorphosed.

QUEST Quesnellia Exploration Strategy, a BCGS geophysical survey.

Sedex Sedimentary-exhalative mineral deposit type.

SE Southeast.

TEM or TDEM Time Domain EM.

Tensor-magnetotelluric See MT.

Tholeiitic A type of basalt. The most common volcanic rocks on Earth, produced by submarine volcanism at mid-ocean ridges and make up much of the ocean crust. Chemically, these basalts have been described as subalkaline, that is, they contain less ($Na_2O$ plus $K_2O$) at similar $SiO_2$ than alkali basalt.

TRIM Terrain Resource Information Management, series of 1:20,000 scale maps.

VLF Very low frequency.

VLF-EM Very low frequency electromagnetic.

VMS Volcanic-related massive sulphide.

XRF X-ray florescence.

# APPENDIX B

Barker Minerals Ltd. - Mineral claims

| Title Number | Claim Name | Owner | Title Type | Title Sub Type | Map Number | Issue Date | Good To Date | Status | Area (ha) |
|---|---|---|---|---|---|---|---|---|---|
| 1038870 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 2231.609 |
| 1038871 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 1601.5832 |
| 1038872 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 704.289 |
| 1038873 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 2737.178 |
| 1038874 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 918.673 |
| 1038875 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 1976.209 |
| 1038876 | | 140410 (100%) | Mineral | Claim | 093A | 2015/sep/27 | 2016/oct/20 | GOOD | 957.897 |

# APPENDIX C

## Analytical Methods

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

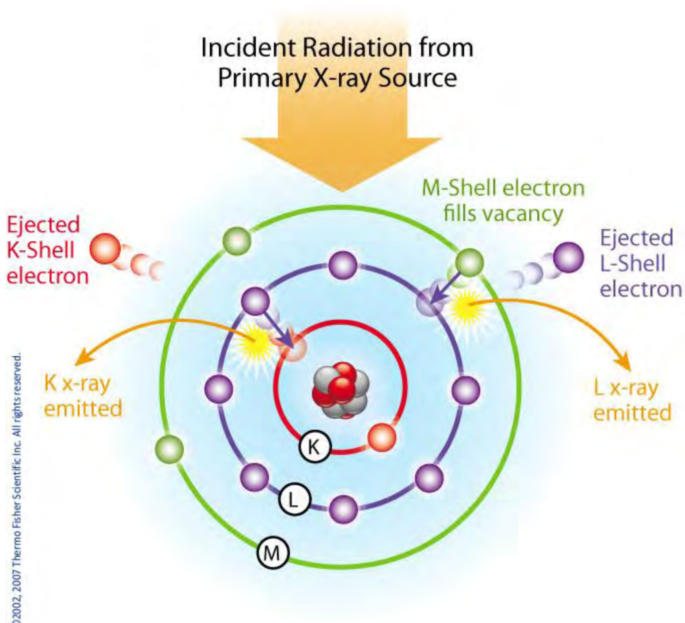
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

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 D

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## APPENDIX E

## STATEMENT of AUTHOR’S QUALIFICATIONS

## Statement of Author's Qualifications

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

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

R. Turna, P.Geo.
July 20, 2016

**APPENDIX F**

**STATEMENT of EXPENDITURES**

# Barker Minerals Ltd.

**Work was completed between October 15, 2015 & March 11, 2016**

**Work was done on claim # 1038873 & 1038874**

**Event # 5594432**

## Ace Property - Geological - Office

| | | | | |
|---|---|---|---|---|
| **Louis Doyle** | | | | |
| Planning, managing & interpretation | 1 | $ | 600.00 | $ 600.00 |
| Room & board | 1 | $ | 150.00 | $ 150.00 |
| **Rein Turna - Geologist** | | | | |
| Report writing, maps, managing & supervision | 6 | $ | 600.00 | $ 3,600.00 |
| Room & board | 6 | $ | 150.00 | $ 900.00 |
| **Colleen Doyle** | | | | |
| Report compilation & filing | 1 | $ | 350.00 | $ 350.00 |
| Room & board | 1 | $ | 150.00 | $ 150.00 |
| | | | | **$ 5,750.00** |

## Ace Property - Geochemical - Field

| | Date | Days | Rate | Sub-total |
|---|---|---|---|---|
| **Louis Doyle** | | | | |
| Rock sample collections (AC 01 - AC 11) | October 15, 2015 | 1 | $ 600.00 | $ 600.00 |
| Rock sample collections (AC 01 - AC 11) | October 28, 2015 | 1 | $ 600.00 | $ 600.00 |
| Rock sample collections (AC 12 - AC 39) | October 29, 2015 | 1 | $ 600.00 | $ 600.00 |
| Rock sample collections (AC 12 - AC 39) | October 30, 2015 | 1 | $ 600.00 | $ 600.00 |
| Rock sample collections (AC 40 - AC 45) | November 13, 2015 | 1 | $ 600.00 | $ 600.00 |
| Room & board | | 5 | $ 150.00 | $ 750.00 |
| Vehicle & gas | | 5 | $ 150.00 | $ 750.00 |
| **Brian Hall** | | | | |
| Rock sample collections (AC 01 - AC 11) | October 15, 2015 | 1 | $ 500.00 | $ 500.00 |
| Rock sample collections (AC 01 - AC 11) | October 28, 2015 | 1 | $ 500.00 | $ 500.00 |
| Rock sample collections (AC 12 - AC 39) | October 29, 2015 | 1 | $ 500.00 | $ 500.00 |
| Rock sample collections (AC 12 - AC 39) | October 30, 2015 | 1 | $ 500.00 | $ 500.00 |
| Rock sample collections (AC 40 - AC 45) | November 13, 2015 | 1 | $ 500.00 | $ 500.00 |
| Room & board | | 5 | $ 150.00 | $ 750.00 |
| **Louis Doyle** | | | | |
| Rock sample preparation & description | December 5, 2015 | 1 | $ 600.00 | $ 600.00 |
| Rock sample preparation & description | December 6, 2015 | 1 | $ 600.00 | $ 600.00 |
| Room & board | | 2 | $ 150.00 | $ 300.00 |

## Barker Minerals Ltd.

**Work was completed between October 15, 2015 & March 11, 2016**

**Work was done on claim # 1038873 & 1038874**

**Event # 5594432**

| **Ace Property - Geochemical** (continued) | | | | | | |
|---|---|---|---|---|---|---|
| **Brian Hall - XRF operator** | | | | | | |
| XRF analysis | December 5, 2015 | 1 | $ | 500.00 | $ | 500.00 |
| XRF analysis | December 6, 2015 | 1 | $ | 500.00 | $ | 500.00 |
| XRF analysis | December 7, 2015 | 1 | $ | 500.00 | $ | 500.00 |
| Room & board | | 3 | $ | 150.00 | $ | 450.00 |
| XRF rental | | 8 | $ | 200.00 | $ | 1,600.00 |
| | | | | | **$** | **12,800.00** |

| **Ace Property - Misc. expenditures** | | | | | |
|---|---|---|---|---|---|
| Exploration supplies & equipment | | | | | |
| Safety equipment (MTC), exploration supplies & equipment, communication devices & quad | | | | | |
| Exploration supplies & equipment | | | | $ | 475.00 |
| MTC rental (vehicle & gas) | 8 | $ | 250.00 | $ | 2,000.00 |
| **Communication devices** | | | | | |
| Hand held radios | 8 | $ | 7.00 | $ | 56.00 |
| Satelite phones | 8 | $ | 12.00 | $ | 96.00 |
| Spot emergency locators | 8 | $ | 5.00 | $ | 40.00 |
| | | | **Sub-total** | **$** | **2,667.00** |

| **Ace Property Expenditure Summary** | | | |
|---|---|---|---|
| **Geological** | **Sub-total** | **$** | **5,750.00** |
| **Geochemical** | **Sub-total** | **$** | **12,800.00** |
| **Misc. expenditures** | **Sub-total** | **$** | **2,667.00** |
| | **Ace Property Expenditure Total** | **$** | **21,217.00** |

## APPENDIX G

## ROCK SAMPLE DESCRIPTIONS AND COORDINATES

Table No. 1
Ace Sample Coordinates and Descriptions

| XRF No. | Field No. | Fig. No. / Area | Type | Easting | Northing | Magnetic | Color | Alteration | Metals | Rock Type | Outcrop or float | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ace 2016 Rock Sampling** | | | | | | | | | | |
| 4903 | AC-01 | Area A / Fig. 9 | Rock | 626370 | 5853036 | N | brown | | dis py | Quartz mica schist | float | |
| 4904 | AC-01a | Area A / Fig. 9 | Rock | 626370 | 5853036 | N | brown | | dis py | Quartz mica schist | float | |
| 4905 | AC-01b | Area A / Fig. 9 | Rock | 626370 | 5853036 | N | brown | | dis py | Quartz mica schist | float | |
| 4906 | AC-02 | Area A / Fig. 9 | Rock | 626222 | 5853046 | N | brown | | dis py | Quartz mica schist | float | |
| 4907 | AC-02a | Area A / Fig. 9 | Rock | 626222 | 5853046 | N | brown | | dis py | Quartz mica schist | float | |
| 4908 | AC-02b | Area A / Fig. 9 | Rock | 626222 | 5853046 | N | brown | | dis py | Quartz mica schist | float | |
| 4909 | AC-03 | Area A / Fig. 9 | Rock | 626078 | 5853041 | N | brown | | dis py | Quartz mica schist | float | |
| 4910 | AC-03a | Area A / Fig. 9 | Rock | 626078 | 5853041 | N | brown | | dis py | Quartz mica schist | float | |
| 4911 | AC-03b | Area A / Fig. 9 | Rock | 626078 | 5853041 | N | brown | | dis py | Quartz mica schist | float | |
| 4912 | AC-04 | Area A / Fig. 9 | Rock | 625988 | 5853100 | N | brown | | dis py | Quartz mica schist | float | |
| 4913 | AC-04a | Area A / Fig. 9 | Rock | 625988 | 5853100 | N | brown | | dis py | Quartz mica schist | float | |
| 4914 | AC-04b | Area A / Fig. 9 | Rock | 625988 | 5853100 | N | brown | | dis py | Quartz mica schist | float | |
| 4915 | AC-05 | Area A / Fig. 9 | Rock | 625929 | 5853098 | N | brown | | dis py | Quartz mica schist | float | |
| 4916 | AC-05a | Area A / Fig. 9 | Rock | 625929 | 5853098 | N | brown | | dis py | Quartz mica schist | float | |
| 4917 | AC-05b | Area A / Fig. 9 | Rock | 625929 | 5853098 | N | brown | | dis py | Quartz mica schist | float | |
| 4918 | AC-06 | Area A / Fig. 9 | Rock | 625863 | 5853113 | N | brown | | dis py | Quartz mica schist | float | |
| 4919 | AC-06a | Area A / Fig. 9 | Rock | 625863 | 5853113 | N | brown | | dis py | Quartz mica schist | float | |
| 4920 | AC-06b | Area A / Fig. 9 | Rock | 625863 | 5853113 | N | brown | | dis py | Quartz mica schist | float | |
| 4921 | AC-07a | Area A / Fig. 9 | Rock | 625799 | 5853140 | Y | grey | | dis py/po | Quartz mica schist | float | |
| 4922 | AC-07a | Area A / Fig. 9 | Rock | 625799 | 5853140 | Y | grey | | dis py/po | Quartz mica schist | float | |
| 4923 | AC-07b | Area A / Fig. 9 | Rock | 625799 | 5853140 | Y | grey | | dis py/po | Quartz mica schist | float | |
| 4924 | AC-08 | Area A / Fig. 9 | Rock | 626193 | 5853227 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4925 | AC-08a | Area A / Fig. 9 | Rock | 626193 | 5853227 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4926 | AC-08b | Area A / Fig. 9 | Rock | 626193 | 5853227 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4927 | AC-09 | Area A / Fig. 9 | Rock | 626140 | 5853312 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4928 | AC-09a | Area A / Fig. 9 | Rock | 626140 | 5853312 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4929 | AC-09b | Area A / Fig. 9 | Rock | 626140 | 5853312 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4930 | AC-10 | Area A / Fig. 9 | Rock | 625988 | 5853419 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4931 | AC-10a | Area A / Fig. 9 | Rock | 625988 | 5853419 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4932 | AC-10b | Area A / Fig. 9 | Rock | 625988 | 5853419 | Y | grey | | dis py/po | Quartz mica schist | OC | |
| 4933 | AC-11 | Area A / Fig. 9 | Rock | 625984 | 5853395 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4934 | AC-11a | Area A / Fig. 9 | Rock | 625984 | 5853395 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4935 | AC-11b | Area A / Fig. 9 | Rock | 625984 | 5853395 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4936 | AC-12 | Area A / Fig. 9 | Rock | 625956 | 5853371 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4937 | AC-12a | Area A / Fig. 9 | Rock | 625956 | 5853371 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4938 | AC-12b | Area A / Fig. 9 | Rock | 625956 | 5853371 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4939 | AC-13 | Area A / Fig. 9 | Rock | 625935 | 5853374 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4940 | AC-13a | Area A / Fig. 9 | Rock | 625935 | 5853374 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4941 | AC-13b | Area A / Fig. 9 | Rock | 625935 | 5853374 | N | grey | intense alteration | minor py | Quartz mica schist | OC | |
| 4942 | AC-14 | Area A / Fig. 9 | Rock | 625912 | 5853326 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |
| 4943 | AC-14a | Area A / Fig. 9 | Rock | 625912 | 5853326 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |
| 4944 | AC-14b | Area A / Fig. 9 | Rock | 625912 | 5853326 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |
| 4945 | AC-15 | Area A / Fig. 9 | Rock | 625869 | 5853312 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |
| 4946 | AC-15a | Area A / Fig. 9 | Rock | 625869 | 5853312 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |
| 4947 | AC-15b | Area A / Fig. 9 | Rock | 625869 | 5853312 | N | rusty brown | intense alteration | minor py | Oxidized schist | OC | |

Table No. 1
Ace Sample Coordinates and Descriptions

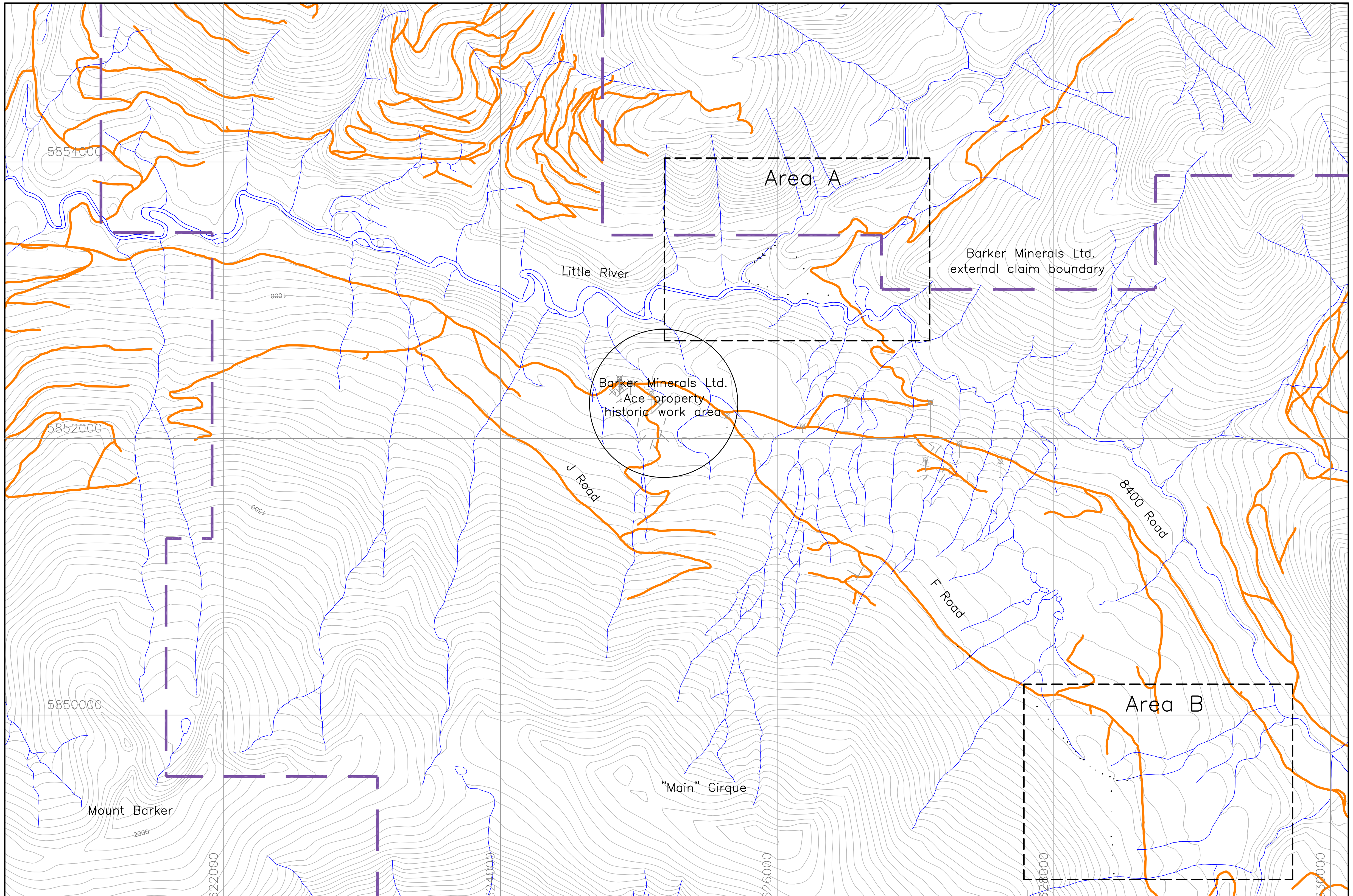
| XRF No. | Field No. | Fig. No. / Area | Type | Easting | Northing | Magnetic | Color | Alteration | Metals | Rock | Outcrop | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4948 | AC-16 | Area B / Fig. 10 | Rock | 628574 | 5849547 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4949 | AC-16a | Area B / Fig. 10 | Rock | 628574 | 5849547 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4950 | AC-16b | Area B / Fig. 10 | Rock | 628574 | 5849547 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4951 | AC-17 | Area B / Fig. 10 | Rock | 628530 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4952 | AC-17a | Area B / Fig. 10 | Rock | 628530 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4953 | AC-17b | Area B / Fig. 10 | Rock | 628530 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4954 | AC-18 | Area B / Fig. 10 | Rock | 628457 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4955 | AC-18a | Area B / Fig. 10 | Rock | 628457 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4956 | AC-18b | Area B / Fig. 10 | Rock | 628457 | 5849528 | N | rusty brown | intense alteration | minor py | Oxidized schist | float | |
| 4957 | AC-19 | Area B / Fig. 10 | Rock | 628405 | 5849554 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4958 | AC-19a | Area B / Fig. 10 | Rock | 628405 | 5849554 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4959 | AC-19b | Area B / Fig. 10 | Rock | 628405 | 5849554 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4960 | AC-20 | Area B / Fig. 10 | Rock | 628353 | 5849575 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4961 | AC-20a | Area B / Fig. 10 | Rock | 628353 | 5849575 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4962 | AC-20 | Area B / Fig. 10 | Rock | 628353 | 5849575 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4963 | AC-21 | Area B / Fig. 10 | Rock | 628264 | 5849628 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4964 | AC-21a | Area B / Fig. 10 | Rock | 628264 | 5849628 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4965 | AC-21b | Area B / Fig. 10 | Rock | 628264 | 5849628 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4966 | AC-22 | Area B / Fig. 10 | Rock | 628217 | 5849677 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4967 | AC-22a | Area B / Fig. 10 | Rock | 628217 | 5849677 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4968 | AC-22b | Area B / Fig. 10 | Rock | 628217 | 5849677 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4969 | AC-23 | Area B / Fig. 10 | Rock | 628158 | 5849738 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4970 | AC-23a | Area B / Fig. 10 | Rock | 628158 | 5849738 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4971 | AC-23b | Area B / Fig. 10 | Rock | 628158 | 5849738 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4972 | AC-24 | Area B / Fig. 10 | Rock | 628119 | 5849787 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4973 | AC-24a | Area B / Fig. 10 | Rock | 628119 | 5849787 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4974 | AC-24b | Area B / Fig. 10 | Rock | 628119 | 5849787 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4975 | AC-25 | Area B / Fig. 10 | Rock | 628068 | 5849833 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4976 | AC-25a | Area B / Fig. 10 | Rock | 628068 | 5849833 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4977 | AC-25b | Area B / Fig. 10 | Rock | 628068 | 5849833 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4978 | AC-26 | Area B / Fig. 10 | Rock | 627999 | 5849899 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4979 | AC-26a | Area B / Fig. 10 | Rock | 627999 | 5849899 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4980 | AC-26b | Area B / Fig. 10 | Rock | 627999 | 5849899 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4981 | AC-27 | Area B / Fig. 10 | Rock | 627960 | 5849969 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4982 | AC-27a | Area B / Fig. 10 | Rock | 627960 | 5849969 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4983 | AC-27b | Area B / Fig. 10 | Rock | 627960 | 5849969 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4984 | AC-28 | Area B / Fig. 10 | Rock | 627903 | 5849997 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4985 | AC-28a | Area B / Fig. 10 | Rock | 627903 | 5849997 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4986 | AC-28b | Area B / Fig. 10 | Rock | 627903 | 5849997 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4987 | AC-29 | Area B / Fig. 10 | Rock | 627879 | 5850062 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4988 | AC-29a | Area B / Fig. 10 | Rock | 627879 | 5850062 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4989 | AC-29b | Area B / Fig. 10 | Rock | 627879 | 5850062 | N | light brown | bleached brown | minor py | Felsite | float | |
| 4990 | AC-30 | Area A / Fig. 9 | Rock | 625896 | 5853335 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4991 | AC-30a | Area A / Fig. 9 | Rock | 625896 | 5853335 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4992 | AC-30b | Area A / Fig. 9 | Rock | 625896 | 5853335 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4993 | AC-31 | Area A / Fig. 9 | Rock | 625899 | 5853323 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4994 | AC-31a | Area A / Fig. 9 | Rock | 625899 | 5853323 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4995 | AC-31b | Area A / Fig. 9 | Rock | 625899 | 5853323 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |

Table No. 1
Ace Sample Coordinates and Descriptions

| XRF No. | Field No. | Fig. No. / Area | Type | Easting | Northing | Magnetic | Color | Alteration | Metals | Rock | Outcrop | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4996 | AC-32 | Area A / Fig. 9 | Rock | 625882 | 5853304 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4997 | AC-32a | Area A / Fig. 9 | Rock | 625882 | 5853304 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4998 | AC-32b | Area A / Fig. 9 | Rock | 625882 | 5853304 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4999 | AC-33 | Area A / Fig. 9 | Rock | 625861 | 5853301 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 5000 | AC-33a | Area A / Fig. 9 | Rock | 625861 | 5853301 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 5001 | AC-33b | Area A / Fig. 9 | Rock | 625861 | 5853301 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 1 | AC-34 | Area A / Fig. 9 | Rock | 625835 | 5853276 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 2 | AC-34a | Area A / Fig. 9 | Rock | 625835 | 5853276 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 3 | AC-34b | Area A / Fig. 9 | Rock | 625835 | 5853276 | Y | | | po/py/cpy | Quartz vein / pyrrhotite | OC | fresh sulphides |
| 4 | AC-35 | Area B / Fig. 10 | Rock | 628433 | 5849542 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 5 | AC-35a | Area B / Fig. 10 | Rock | 628433 | 5849542 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 6 | AC-35b | Area B / Fig. 10 | Rock | 628433 | 5849542 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 7 | AC-36 | Area B / Fig. 10 | Rock | 628301 | 5849603 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 8 | AC-36a | Area B / Fig. 10 | Rock | 628301 | 5849603 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 9 | AC-36b | Area B / Fig. 10 | Rock | 628301 | 5849603 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 10 | AC-37 | Area B / Fig. 10 | Rock | 628190 | 5849686 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 11 | AC-37a | Area B / Fig. 10 | Rock | 628190 | 5849686 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 12 | AC-37b | Area B / Fig. 10 | Rock | 628190 | 5849686 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 13 | AC-38 | Area B / Fig. 10 | Rock | 628100 | 5849806 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 14 | AC-38a | Area B / Fig. 10 | Rock | 628100 | 5849806 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 15 | AC-38b | Area B / Fig. 10 | Rock | 628100 | 5849806 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 16 | AC-39 | Area B / Fig. 10 | Rock | 628018 | 5849961 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 17 | AC-39a | Area B / Fig. 10 | Rock | 628018 | 5849961 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 18 | AC-39b | Area B / Fig. 10 | Rock | 628018 | 5849961 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 19 | AC-40 | Area B / Fig. 10 | Rock | 628415 | 5849450 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 20 | AC-40a | Area B / Fig. 10 | Rock | 628415 | 5849450 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 21 | AC-40b | Area B / Fig. 10 | Rock | 628415 | 5849450 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 22 | AC-41 | Area B / Fig. 10 | Rock | 628417 | 5849303 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 23 | AC-41a | Area B / Fig. 10 | Rock | 628417 | 5849303 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 24 | AC-41b | Area B / Fig. 10 | Rock | 628417 | 5849303 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 25 | AC-42 | Area B / Fig. 10 | Rock | 628415 | 5849120 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 26 | AC-42a | Area B / Fig. 10 | Rock | 628415 | 5849120 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 27 | AC-42b | Area B / Fig. 10 | Rock | 628415 | 5849120 | Y | light brown | | po/py/cpy | Quartz vein / pyrrhotite | float | |
| 28 | AC-43 | Area B / Fig. 10 | Rock | 628424 | 5849062 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 29 | AC-43a | Area B / Fig. 10 | Rock | 628424 | 5849062 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 30 | AC-43b | Area B / Fig. 10 | Rock | 628424 | 5849062 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 31 | AC-44 | Area B / Fig. 10 | Rock | 628425 | 5848986 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 32 | AC-44a | Area B / Fig. 10 | Rock | 628425 | 5848986 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 33 | AC-44b | Area B / Fig. 10 | Rock | 628425 | 5848986 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 34 | AC-45 | Area B / Fig. 10 | Rock | 628434 | 5848852 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 35 | AC-45a | Area B / Fig. 10 | Rock | 628434 | 5848852 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |
| 36 | AC-45b | Area B / Fig. 10 | Rock | 628434 | 5848852 | N | rusty brown | intense alteration | minor py | Quartz mica schist | float | |

# APPENDIX H

## Ace Property
## Maps and XRF Data Tables




Decreasing 0.05° annualy
19.0°
True North
Magnetic North
2007

UTM Coordinate System
Map Datum: NAD 83
Zone: 10

LEGEND

Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond

Road

· 2016 sample location

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

Scale 1:30,000
metres
0 300 600 900 1,200 1,500

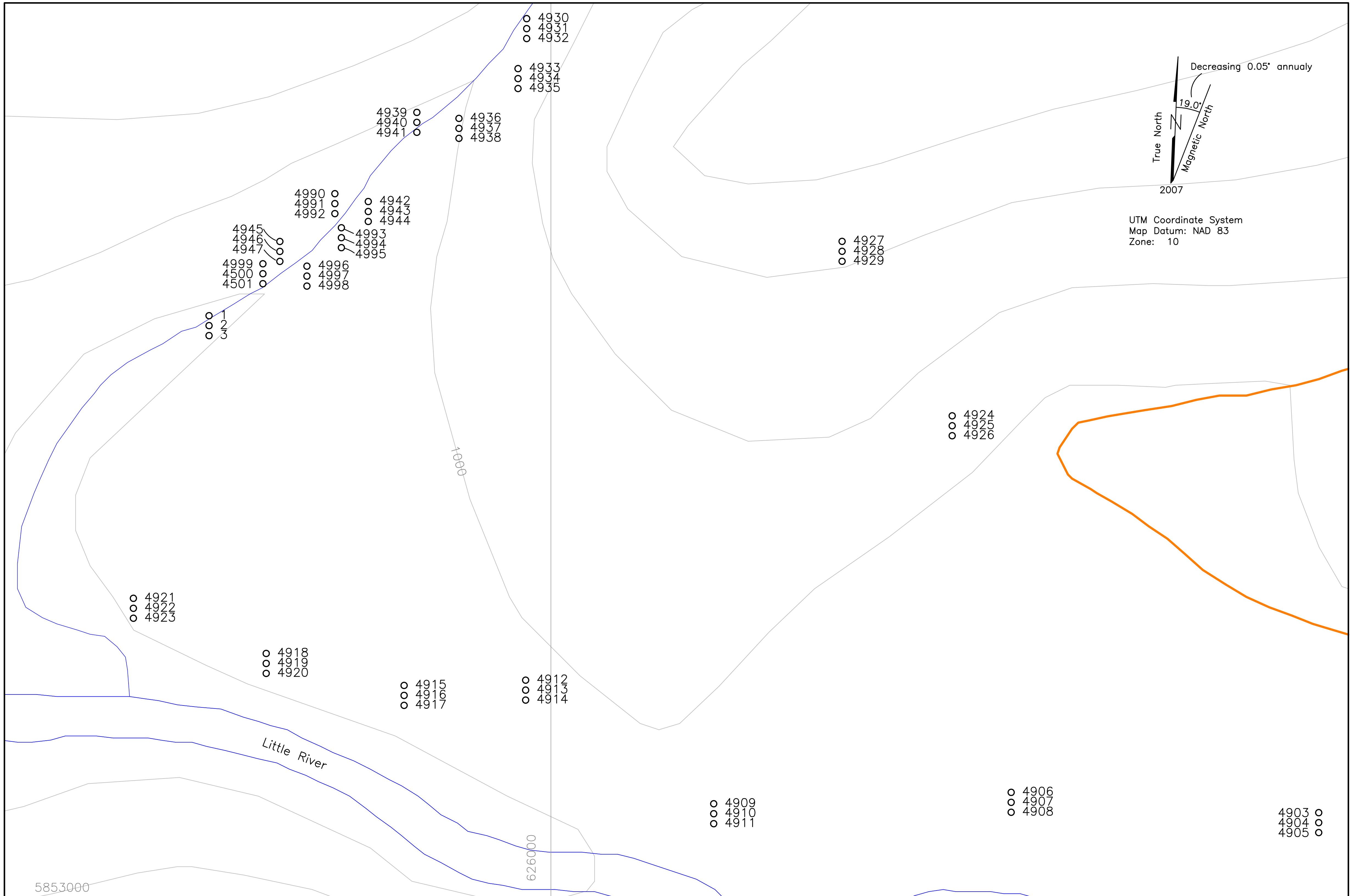
BARKER MINERALS LTD.

ACE PROPERTY

Keymap
for Areas A, B

Cariboo Mining Division, B.C.

| | |
|---|---|
| NTS Mapsheet: 93 A/14 | Date: July 20 2016 |
| | Fig.No. 8 |




Ace Property Area A
Rock Samples XRF Results (ppm)

| XRF No. | Zn | Cu | Bi |
|---|---|---|---|
| 4903 | 57 | | |
| 4904 | 70 | | |
| 4905 | 54 | 35 | |
| 4906 | 48 | | |
| 4907 | 179 | | |
| 4908 | 73 | | |
| 4909 | 51 | | |
| 4910 | 53 | 20 | |
| 4911 | 72 | 62 | |
| 4912 | 77 | 47 | |
| 4913 | 77 | | |
| 4914 | 63 | 104 | |
| 4915 | 152 | 146 | |
| 4916 | 54 | | |
| 4917 | 69 | | |
| 4918 | 72 | 30 | |
| 4919 | 51 | 114 | |
| 4920 | 95 | 51 | |
| 4921 | 44 | | |
| 4922 | 33 | | |
| 4923 | 83 | | |
| 4924 | 53 | | |
| 4925 | 55 | 60 | |
| 4926 | 71 | 42 | |
| 4927 | 42 | | |
| 4928 | 37 | | |
| 4929 | 80 | 58 | |
| 4930 | 51 | 24 | |
| 4931 | 38 | | |
| 4932 | 50 | | |
| 4933 | 84 | 36 | |
| 4934 | 88 | | |
| 4935 | 107 | | |
| 4936 | 59 | | |
| 4937 | 228 | 143 | |
| 4938 | 143 | 48 | |
| 4939 | 80 | | |
| 4940 | 81 | 66 | |
| 4941 | 79 | 49 | |
| 4942 | 60 | 29 | |
| 4943 | 107 | 59 | |
| 4944 | 64 | 32 | |
| 4945 | 92 | 59 | |
| 4946 | 88 | 36 | |
| 4947 | 78 | 77 | |
| 4990 | 20 | 48 | 586 |
| 4991 | 26 | 19 | 43 |
| 4992 | 34 | 30 | |
| 4993 | 24 | 81 | |
| 4994 | 28 | 80 | |
| 4995 | 67 | 93 | |
| 4996 | 47 | | |
| 4997 | 40 | | |
| 4998 | 97 | 85 | |
| 4999 | 14 | 88 | |
| 5000 | 15 | 31 | |
| 5001 | 48 | 8313 | |
| 1 | 63 | 259 | |
| 2 | 29 | | |
| 3 | 137 | 647 | |

Results below level of detction are not shown.
Results over 100 ppm marked in red.

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond

Road

o 4920 Rock sample location and number

See Table No. 2 for XRF results.

Scale 1:2,000
metres
0 25 50 75 100 125

BARKER MINERALS LTD.

ACE PROPERTY

Area A

Rock Sample Numbers
and Zn, Cu Geochemistry

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14

Date: July 20, 2016

Fig.No. 9

Table No. 2

Ace Area A - XRF Sampling Results

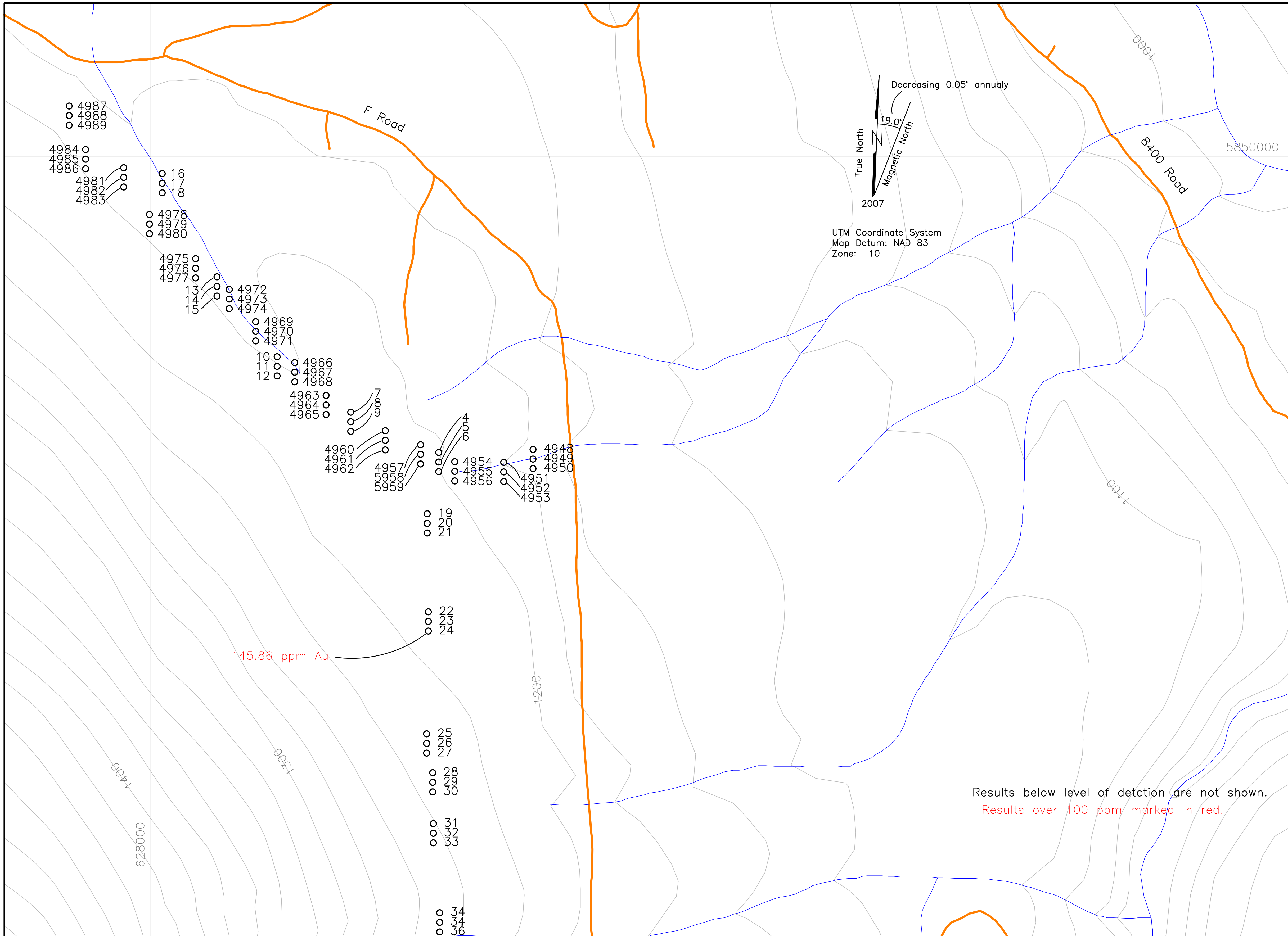
| XRF No. | Fig. No./Area | Type | Units | Mo | Zr | Sr | U | Rb | Th | Pb | Se | As | Hg | Au | Zn | W | Cu | Ni | Co | Fe | Mn | Sb | Sn | Cd | Ag | Nb | Y | Bi | Cr | V | Ti |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4903 | Fig. 9 / Area A | Rock | ppm | 7 | 223 | 93 | < LOD | 76 | 35 | < LOD | < LOD | < LOD | < LOD | < LOD | 57 | < LOD | < LOD | < LOD | < LOD | 51861 | < LOD | 36 | < LOD | < LOD | < LOD | 34 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4904 | Fig. 9 / Area A | Rock | ppm | 11 | 173 | 105 | < LOD | 62 | 41 | < LOD | < LOD | < LOD | < LOD | < LOD | 70 | < LOD | < LOD | < LOD | < LOD | 40746 | < LOD | 35 | < LOD | < LOD | < LOD | 28 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4905 | Fig. 9 / Area A | Rock | ppm | 7 | 231 | 91 | < LOD | 86 | 50 | < LOD | < LOD | 7 | < LOD | < LOD | 54 | < LOD | 35 | < LOD | 251 | 51035 | < LOD | 61 | 34 | < LOD | < LOD | 31 | 4 | < LOD | < LOD | < LOD | < LOD |
| 4906 | Fig. 9 / Area A | Rock | ppm | 10 | 198 | 93 | 9 | 69 | 35 | < LOD | < LOD | < LOD | < LOD | < LOD | 48 | < LOD | < LOD | < LOD | < LOD | 68364 | < LOD | 69 | 47 | < LOD | < LOD | 30 | 4 | < LOD | < LOD | < LOD | < LOD |
| 4907 | Fig. 9 / Area A | Rock | ppm | 10 | 178 | 62 | < LOD | 98 | 32 | 56 | < LOD | < LOD | < LOD | < LOD | 179 | < LOD | < LOD | < LOD | < LOD | 53923 | < LOD | 65 | < LOD | < LOD | < LOD | 22 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4908 | Fig. 9 / Area A | Rock | ppm | 9 | 186 | 100 | < LOD | 77 | 39 | < LOD | < LOD | < LOD | < LOD | < LOD | 73 | < LOD | < LOD | < LOD | < LOD | 37032 | < LOD | 31 | < LOD | < LOD | < LOD | 33 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4909 | Fig. 9 / Area A | Rock | ppm | 11 | 73 | 53 | < LOD | 6 | 25 | < LOD | < LOD | < LOD | < LOD | < LOD | 51 | < LOD | < LOD | < LOD | < LOD | 21398 | < LOD | 33 | < LOD | < LOD | < LOD | 14 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4910 | Fig. 9 / Area A | Rock | ppm | < LOD | 104 | 36 | 6 | 16 | 12 | < LOD | < LOD | < LOD | < LOD | < LOD | 53 | < LOD | 20 | < LOD | < LOD | 25512 | 203 | < LOD | < LOD | < LOD | < LOD | 8 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4911 | Fig. 9 / Area A | Rock | ppm | < LOD | 87 | 32 | < LOD | 13 | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | 72 | < LOD | 62 | 94 | < LOD | 38872 | 749 | < LOD | < LOD | < LOD | < LOD | 7 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4912 | Fig. 9 / Area A | Rock | ppm | 6 | 148 | 69 | < LOD | 36 | < LOD | 23 | < LOD | < LOD | < LOD | < LOD | 77 | < LOD | 47 | < LOD | < LOD | 33342 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4913 | Fig. 9 / Area A | Rock | ppm | < LOD | 173 | 81 | < LOD | 43 | 21 | 24 | < LOD | < LOD | < LOD | < LOD | 77 | < LOD | < LOD | < LOD | < LOD | 33741 | < LOD | < LOD | < LOD | < LOD | < LOD | 10 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4914 | Fig. 9 / Area A | Rock | ppm | 6 | 129 | 52 | < LOD | 34 | < LOD | 73 | < LOD | < LOD | < LOD | < LOD | 63 | < LOD | 104 | < LOD | < LOD | 112667 | < LOD | < LOD | < LOD | < LOD | < LOD | 4 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4915 | Fig. 9 / Area A | Rock | ppm | < LOD | 137 | 79 | < LOD | 53 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 152 | < LOD | 146 | < LOD | < LOD | 45332 | < LOD | < LOD | < LOD | < LOD | < LOD | 18 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4916 | Fig. 9 / Area A | Rock | ppm | < LOD | 163 | 84 | 12 | 53 | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | 54 | < LOD | < LOD | < LOD | < LOD | 37362 | < LOD | < LOD | < LOD | < LOD | < LOD | 21 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4917 | Fig. 9 / Area A | Rock | ppm | < LOD | 151 | 87 | < LOD | 56 | 20 | < LOD | < LOD | < LOD | < LOD | < LOD | 69 | < LOD | < LOD | < LOD | < LOD | 46857 | < LOD | < LOD | < LOD | < LOD | < LOD | 20 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4918 | Fig. 9 / Area A | Rock | ppm | < LOD | 102 | 66 | < LOD | 22 | 11 | 37 | < LOD | < LOD | < LOD | < LOD | 72 | < LOD | 30 | < LOD | < LOD | 24378 | 1407 | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4919 | Fig. 9 / Area A | Rock | ppm | 8 | 124 | 44 | < LOD | 33 | < LOD | 15 | < LOD | < LOD | < LOD | < LOD | 51 | < LOD | 114 | 141 | < LOD | 154399 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 2 | < LOD | < LOD | < LOD | < LOD |
| 4920 | Fig. 9 / Area A | Rock | ppm | < LOD | 172 | 75 | < LOD | 36 | 20 | 48 | < LOD | < LOD | < LOD | < LOD | 95 | < LOD | 51 | < LOD | < LOD | 49798 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4921 | Fig. 9 / Area A | Rock | ppm | < LOD | 147 | 63 | < LOD | 21 | 5 | < LOD | < LOD | < LOD | < LOD | < LOD | 44 | < LOD | < LOD | < LOD | < LOD | 13716 | 148 | < LOD | < LOD | < LOD | < LOD | 4 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4922 | Fig. 9 / Area A | Rock | ppm | < LOD | 142 | 70 | < LOD | 15 | 14 | < LOD | < LOD | < LOD | < LOD | < LOD | 33 | < LOD | < LOD | < LOD | < LOD | 12940 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4923 | Fig. 9 / Area A | Rock | ppm | < LOD | 154 | 58 | < LOD | 25 | 11 | < LOD | < LOD | < LOD | < LOD | < LOD | 83 | < LOD | < LOD | < LOD | < LOD | 26970 | 178 | < LOD | < LOD | < LOD | < LOD | 3 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4924 | Fig. 9 / Area A | Rock | ppm | < LOD | 69 | 45 | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 53 | < LOD | < LOD | < LOD | < LOD | 20725 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4925 | Fig. 9 / Area A | Rock | ppm | < LOD | 79 | 54 | < LOD | 4 | 7 | < LOD | < LOD | < LOD | < LOD | < LOD | 55 | < LOD | 60 | < LOD | < LOD | 50346 | 426 | < LOD | < LOD | < LOD | < LOD | 5 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4926 | Fig. 9 / Area A | Rock | ppm | < LOD | 91 | 49 | < LOD | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 71 | < LOD | 42 | 94 | < LOD | 52948 | < LOD | 31 | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4927 | Fig. 9 / Area A | Rock | ppm | < LOD | 119 | 51 | < LOD | 12 | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | 42 | < LOD | < LOD | < LOD | < LOD | 13038 | 347 | < LOD | < LOD | < LOD | < LOD | 6 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4928 | Fig. 9 / Area A | Rock | ppm | < LOD | 128 | 107 | < LOD | 21 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 37 | < LOD | < LOD | < LOD | < LOD | 10273 | 165 | < LOD | < LOD | < LOD | < LOD | 3 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4929 | Fig. 9 / Area A | Rock | ppm | < LOD | 174 | 85 | 7 | 34 | 18 | < LOD | < LOD | < LOD | < LOD | < LOD | 80 | < LOD | 58 | < LOD | 113 | 16550 | 147 | < LOD | < LOD | < LOD | < LOD | 5 | 5 | < LOD | < LOD | < LOD | < LOD |
| 4930 | Fig. 9 / Area A | Rock | ppm | < LOD | 138 | 62 | < LOD | 20 | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | 51 | < LOD | 24 | < LOD | < LOD | 15144 | 265 | < LOD | < LOD | < LOD | < LOD | 6 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4931 | Fig. 9 / Area A | Rock | ppm | < LOD | 150 | 55 | < LOD | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 38 | < LOD | < LOD | < LOD | < LOD | 17186 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4932 | Fig. 9 / Area A | Rock | ppm | < LOD | 169 | 49 | < LOD | 7 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | 50 | < LOD | < LOD | < LOD | < LOD | 15599 | < LOD | < LOD | < LOD | < LOD | < LOD | 8 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4933 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | 9 | < LOD | 18 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 84 | < LOD | 36 | < LOD | < LOD | 69737 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4934 | Fig. 9 / Area A | Rock | ppm | < LOD | 247 | 114 | < LOD | 61 | 25 | < LOD | < LOD | < LOD | < LOD | < LOD | 88 | < LOD | < LOD | < LOD | < LOD | 42662 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4935 | Fig. 9 / Area A | Rock | ppm | < LOD | 175 | 98 | < LOD | 42 | 31 | < LOD | < LOD | < LOD | < LOD | < LOD | 107 | < LOD | < LOD | < LOD | < LOD | 32919 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4936 | Fig. 9 / Area A | Rock | ppm | < LOD | 108 | 73 | < LOD | 56 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | 59 | < LOD | < LOD | < LOD | < LOD | 28612 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4937 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | 48 | 8 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 228 | < LOD | 143 | < LOD | < LOD | 155774 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4938 | Fig. 9 / Area A | Rock | ppm | < LOD | 323 | 90 | < LOD | 71 | 31 | < LOD | < LOD | < LOD | < LOD | < LOD | 143 | < LOD | 48 | < LOD | < LOD | 59456 | < LOD | < LOD | < LOD | < LOD | < LOD | 12 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4939 | Fig. 9 / Area A | Rock | ppm | < LOD | 150 | 110 | < LOD | 31 | 14 | < LOD | < LOD | < LOD | < LOD | < LOD | 80 | < LOD | < LOD | < LOD | < LOD | 46808 | < LOD | < LOD | < LOD | < LOD | < LOD | 12 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4940 | Fig. 9 / Area A | Rock | ppm | < LOD | 115 | 107 | < LOD | 22 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | 81 | < LOD | 66 | < LOD | < LOD | 49854 | < LOD | < LOD | < LOD | < LOD | < LOD | 10 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4941 | Fig. 9 / Area A | Rock | ppm | < LOD | 122 | 121 | < LOD | 26 | 21 | < LOD | < LOD | < LOD | < LOD | < LOD | 79 | < LOD | 49 | < LOD | < LOD | 47653 | < LOD | < LOD | < LOD | < LOD | < LOD | 9 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4942 | Fig. 9 / Area A | Rock | ppm | < LOD | 182 | 94 | < LOD | 76 | 21 | < LOD | < LOD | < LOD | < LOD | < LOD | 60 | < LOD | 29 | < LOD | < LOD | 36431 | < LOD | < LOD | < LOD | < LOD | < LOD | 25 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4943 | Fig. 9 / Area A | Rock | ppm | < LOD | 123 | 94 | < LOD | 46 | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | 107 | < LOD | 59 | < LOD | < LOD | 80846 | 3778 | < LOD | < LOD | < LOD | < LOD | 9 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4944 | Fig. 9 / Area A | Rock | ppm | < LOD | 163 | 75 | 7 | 53 | 17 | < LOD | < LOD | 7 | < LOD | < LOD | 64 | < LOD | 32 | < LOD | < LOD | 50607 | < LOD | < LOD | < LOD | < LOD | < LOD | 23 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4945 | Fig. 9 / Area A | Rock | ppm | < LOD | 101 | 80 | < LOD | 16 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 92 | < LOD | 59 | < LOD | < LOD | 32878 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4946 | Fig. 9 / Area A | Rock | ppm | < LOD | 148 | 145 | < LOD | 39 | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | 88 | < LOD | 36 | < LOD | < LOD | 58565 | 2539 | < LOD | < LOD | < LOD | < LOD | 11 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4947 | Fig. 9 / Area A | Rock | ppm | < LOD | 99 | 96 | < LOD | 27 | 22 | < LOD | < LOD | < LOD | < LOD | < LOD | 78 | < LOD | 77 | < LOD | < LOD | 54359 | < LOD | < LOD | < LOD | < LOD | < LOD | 8 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4990 | Fig. 9 / Area A | Rock | ppm | < LOD | 7 | < LOD | 8 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 20 | < LOD | 48 | < LOD | < LOD | 128152 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 586 | < LOD | < LOD | < LOD |
| 4991 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | 39 | < LOD | < LOD | < LOD | < LOD | < LOD | 26 | < LOD | 19 | < LOD | < LOD | 22121 | 386 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 43 | < LOD | < LOD | < LOD |
| 4992 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | 18 | < LOD | < LOD | < LOD | < LOD | 34 | < LOD | 30 | < LOD | < LOD | 97025 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |

Table No. 2

Ace Area A - XRF Sampling Results

| XRF No. | Fig. No./Area | Type | Units | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4993 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | 75 | < LOD | 7 | < LOD | 55 | < LOD | < LOD | < LOD | < LOD | 24 | < LOD | 81 | 73 | < LOD | 140936 | < LOD | 27 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4994 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | 66 | < LOD | 19 | < LOD | 111 | < LOD | < LOD | < LOD | < LOD | 28 | < LOD | 80 | 129 | < LOD | 167294 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4995 | Fig. 9 / Area A | Rock | ppm | < LOD | 126 | 58 | < LOD | 16 | 20 | 25 | < LOD | < LOD | < LOD | < LOD | 67 | < LOD | 93 | 169 | < LOD | 145048 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4996 | Fig. 9 / Area A | Rock | ppm | < LOD | 39 | 584 | < LOD | 7 | 22 | < LOD | < LOD | < LOD | < LOD | < LOD | 47 | < LOD | < LOD | < LOD | < LOD | 28728 | < LOD | < LOD | < LOD | < LOD | < LOD | 4 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4997 | Fig. 9 / Area A | Rock | ppm | < LOD | 6 | 496 | < LOD | < LOD | 17 | < LOD | < LOD | < LOD | < LOD | < LOD | 40 | < LOD | < LOD | < LOD | < LOD | 23337 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4998 | Fig. 9 / Area A | Rock | ppm | < LOD | 639 | 92 | 18 | 65 | 28 | < LOD | < LOD | 38 | < LOD | < LOD | 97 | < LOD | 85 | 101 | < LOD | 59965 | < LOD | < LOD | < LOD | < LOD | < LOD | 48 | 7 | < LOD | < LOD | < LOD | < LOD |
| 4999 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 14 | < LOD | 88 | < LOD | < LOD | 10181 | 87 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 5000 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 15 | < LOD | 31 | < LOD | < LOD | 99544 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 5001 | Fig. 9 / Area A | Rock | ppm | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 48 | < LOD | 8313 | < LOD | < LOD | 78721 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 1 | Fig. 9 / Area A | Rock | ppm | 7.59 | < LOD | 4.25 | < LOD | 3.59 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 63 | < LOD | 259 | 156.1 | < LOD | 343956 | < LOD | < LOD | < LOD | < LOD | < LOD | 6.76 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 2 | Fig. 9 / Area A | Rock | ppm | 4.73 | < LOD | < LOD | < LOD | < LOD | 15.15 | < LOD | < LOD | < LOD | < LOD | < LOD | 29 | < LOD | < LOD | < LOD | < LOD | 179419 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 3 | Fig. 9 / Area A | Rock | ppm | < LOD | < LOD | < LOD | 22.85 | < LOD | < LOD | < LOD | < LOD | 24.06 | < LOD | < LOD | 137 | < LOD | 647 | < LOD | < LOD | 300867 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |

In all cases <LOD means below level of detection




LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond

Road

o 4950 Rock sample location and number

See Table No. 3 for XRF results.

Scale 1:6,000
metres
0 75 150 225 300 375

Ace Property Area B
Rock Samples XRF Results (ppm)

| XRF No. | Zn | Cu | Au | Bi |
|---|---|---|---|---|
| 4948 | 43 | 63 | | |
| 4949 | 50 | 24 | | |
| 4950 | 46 | | | |
| 4951 | 173 | 175 | | |
| 4952 | 139 | 126 | | |
| 4953 | 240 | 264 | | |
| 4954 | 121 | 56 | | |
| 4955 | 91 | 36 | | |
| 4956 | 79 | 59 | | |
| 4957 | 81 | 45 | | |
| 4958 | 75 | 47 | | |
| 4959 | 26 | | | |
| 4960 | 61 | 38 | | |
| 4961 | 75 | | | |
| 4962 | 79 | 68 | | |
| 4963 | 141 | | | |
| 4964 | 85 | | | |
| 4965 | 78 | | | |
| 4966 | 57 | 49 | | |
| 4967 | 65 | 26 | | |
| 4968 | 80 | 53 | | |
| 4969 | 16 | | | |
| 4970 | 27 | | | |
| 4971 | 15 | | | |
| 4972 | 25 | | | |
| 4973 | 30 | | | |
| 4974 | 19 | | | |
| 4975 | 18 | | | |
| 4976 | 16 | | | |
| 4977 | 39 | | | |
| 4978 | 39 | | | |
| 4979 | 41 | | | |
| 4980 | 59 | | | |
| 4981 | 74 | 29 | | |
| 4982 | 56 | 37 | | |
| 4983 | 92 | 82 | | |
| 4984 | 82 | | | |
| 4985 | 97 | 47 | | |
| 4986 | 116 | 35 | | |
| 4987 | 26 | 496 | | |
| 4988 | 23 | 926 | | |
| 4989 | 18 | | | |
| 4 | 46 | 103 | | |
| 5 | 38 | 1174 | | |
| 6 | 75 | 3598 | | |
| 7 | 37 | 2830 | | |
| 8 | 17 | 34 | | |
| 9 | 19 | 39 | | |
| 10 | 40 | 142 | | |
| 11 | 55 | 7340 | | |
| 12 | 47 | 9740 | | |
| 13 | 26 | | | |
| 14 | 34 | 277 | | |
| 15 | 35 | | | |
| 16 | 39 | 127 | | 36 |
| 17 | 16 | | | |
| 18 | | | | |
| 19 | 17 | | | |
| 20 | 58 | 27 | | |
| 21 | 72 | 784 | | 54 |
| 22 | | 912 | | 47 |
| 23 | 55 | 152 | | 49 |
| 24 | | | 145.86 | 140 |
| 25 | 96 | 39 | | |
| 26 | 86 | 35 | | |
| 27 | 110 | 48 | | |
| 28 | 84 | 44 | | |
| 29 | 75 | | | |
| 30 | 97 | 113 | | |
| 31 | 132 | 49 | | |
| 32 | 59 | 23 | | |
| 33 | 181 | 33 | | |
| 34 | 45 | 46 | | |
| 35 | 21 | 32 | | |
| 36 | 63 | 31 | | |

BARKER MINERALS LTD.

ACE PROPERTY
Area B
Rock Sample Numbers
and Zn, Cu Geochemistry
Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14

Date: July 20, 2016

Fig.No. 10

Table No. 3

Ace Area B - XRF Sampling Results

| XRF No. | Fig. No./Area | Type | Units | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4948 | Fig. 10 / Area B | Rock | ppm | < LOD | 116 | 27 | < LOD | 10 | 22 | < LOD | < LOD | < LOD | < LOD | < LOD | 43 | < LOD | 63 | < LOD | < LOD | 29488 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4949 | Fig. 10 / Area B | Rock | ppm | < LOD | 99 | 21 | 6 | 8 | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | 50 | < LOD | 24 | < LOD | < LOD | 16073 | 463 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4950 | Fig. 10 / Area B | Rock | ppm | < LOD | 108 | 31 | < LOD | 9 | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | 46 | < LOD | < LOD | < LOD | < LOD | 21291 | < LOD | < LOD | < LOD | < LOD | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4951 | Fig. 10 / Area B | Rock | ppm | < LOD | 206 | 43 | < LOD | 43 | < LOD | 140 | < LOD | < LOD | < LOD | < LOD | 173 | < LOD | 175 | 111 | < LOD | 132419 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4952 | Fig. 10 / Area B | Rock | ppm | < LOD | 195 | 58 | < LOD | 35 | 9 | 70 | < LOD | < LOD | < LOD | < LOD | 139 | < LOD | 126 | 130 | < LOD | 110910 | 683 | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4953 | Fig. 10 / Area B | Rock | ppm | < LOD | 330 | 65 | 8 | 45 | 21 | 348 | < LOD | < LOD | < LOD | < LOD | 240 | < LOD | 264 | 197 | < LOD | 140535 | < LOD | 25 | < LOD | < LOD | < LOD | 9 | 4 | < LOD | < LOD | < LOD | < LOD |
| 4954 | Fig. 10 / Area B | Rock | ppm | < LOD | 230 | 60 | < LOD | 42 | 20 | 90 | < LOD | < LOD | < LOD | < LOD | 121 | < LOD | 56 | < LOD | < LOD | 51643 | < LOD | < LOD | < LOD | < LOD | < LOD | 9 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4955 | Fig. 10 / Area B | Rock | ppm | < LOD | 224 | 67 | 6 | 39 | 17 | 105 | < LOD | < LOD | < LOD | < LOD | 91 | < LOD | 36 | < LOD | < LOD | 42735 | 606 | < LOD | < LOD | < LOD | < LOD | 11 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4956 | Fig. 10 / Area B | Rock | ppm | < LOD | 65 | 29 | 8 | 13 | < LOD | 331 | < LOD | < LOD | < LOD | < LOD | 79 | < LOD | 59 | < LOD | < LOD | 65377 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4957 | Fig. 10 / Area B | Rock | ppm | < LOD | 123 | 43 | < LOD | 29 | 9 | < LOD | < LOD | < LOD | < LOD | < LOD | 81 | < LOD | 45 | < LOD | < LOD | 15427 | 1287 | < LOD | < LOD | < LOD | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4958 | Fig. 10 / Area B | Rock | ppm | < LOD | 71 | 22 | < LOD | 28 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 75 | < LOD | 47 | < LOD | < LOD | 43442 | 4250 | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4959 | Fig. 10 / Area B | Rock | ppm | < LOD | 106 | 42 | < LOD | 11 | 12 | < LOD | < LOD | < LOD | < LOD | < LOD | 26 | < LOD | < LOD | < LOD | < LOD | 11420 | < LOD | < LOD | < LOD | < LOD | < LOD | 3 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4960 | Fig. 10 / Area B | Rock | ppm | < LOD | 175 | 85 | < LOD | 26 | 16 | < LOD | < LOD | < LOD | < LOD | < LOD | 61 | < LOD | 38 | < LOD | < LOD | 25490 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4961 | Fig. 10 / Area B | Rock | ppm | < LOD | 94 | 47 | < LOD | 20 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 75 | < LOD | < LOD | < LOD | < LOD | 42030 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4962 | Fig. 10 / Area B | Rock | ppm | < LOD | 218 | 90 | 11 | 82 | 27 | < LOD | < LOD | < LOD | < LOD | < LOD | 79 | < LOD | 68 | < LOD | < LOD | 37711 | < LOD | < LOD | < LOD | < LOD | < LOD | 12 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4963 | Fig. 10 / Area B | Rock | ppm | < LOD | 186 | 44 | < LOD | 59 | 11 | < LOD | < LOD | < LOD | < LOD | < LOD | 141 | < LOD | < LOD | < LOD | < LOD | 40887 | < LOD | < LOD | < LOD | < LOD | < LOD | 10 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4964 | Fig. 10 / Area B | Rock | ppm | < LOD | 145 | 43 | < LOD | 68 | 11 | < LOD | < LOD | < LOD | < LOD | < LOD | 85 | < LOD | < LOD | 97 | < LOD | 29182 | 1181 | < LOD | < LOD | < LOD | < LOD | 9 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4965 | Fig. 10 / Area B | Rock | ppm | < LOD | 161 | 47 | < LOD | 70 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | 78 | < LOD | < LOD | < LOD | < LOD | 73953 | < LOD | < LOD | < LOD | < LOD | < LOD | 10 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4966 | Fig. 10 / Area B | Rock | ppm | < LOD | 211 | 86 | < LOD | 37 | 17 | < LOD | < LOD | < LOD | < LOD | < LOD | 57 | < LOD | 49 | < LOD | < LOD | 33774 | < LOD | < LOD | < LOD | < LOD | < LOD | 8 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4967 | Fig. 10 / Area B | Rock | ppm | < LOD | 170 | 76 | < LOD | 35 | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | 65 | < LOD | 26 | < LOD | < LOD | 21421 | 292 | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4968 | Fig. 10 / Area B | Rock | ppm | < LOD | 184 | 92 | < LOD | 42 | 12 | < LOD | < LOD | < LOD | < LOD | < LOD | 80 | < LOD | 53 | < LOD | < LOD | 43434 | < LOD | < LOD | < LOD | < LOD | < LOD | 8 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4969 | Fig. 10 / Area B | Rock | ppm | < LOD | 97 | 77 | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 16 | < LOD | < LOD | < LOD | < LOD | 15719 | < LOD | < LOD | < LOD | < LOD | < LOD | 4 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4970 | Fig. 10 / Area B | Rock | ppm | < LOD | 117 | 83 | < LOD | 3 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | 27 | < LOD | < LOD | < LOD | < LOD | 19679 | 3560 | < LOD | < LOD | < LOD | < LOD | 4 | 3 | < LOD | < LOD | < LOD | < LOD |
| 4971 | Fig. 10 / Area B | Rock | ppm | < LOD | 136 | 104 | < LOD | 3 | 8 | 15 | < LOD | < LOD | < LOD | < LOD | 15 | < LOD | < LOD | < LOD | < LOD | 6885 | 196 | < LOD | < LOD | < LOD | < LOD | 3 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4972 | Fig. 10 / Area B | Rock | ppm | < LOD | 114 | 73 | < LOD | 3 | 7 | < LOD | < LOD | < LOD | < LOD | < LOD | 25 | < LOD | < LOD | < LOD | < LOD | 14422 | 2011 | < LOD | < LOD | < LOD | < LOD | < LOD | 2 | < LOD | < LOD | < LOD | < LOD |
| 4973 | Fig. 10 / Area B | Rock | ppm | < LOD | 117 | 82 | < LOD | 4 | 7 | 26 | < LOD | < LOD | < LOD | < LOD | 30 | < LOD | < LOD | < LOD | < LOD | 20291 | 4901 | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4974 | Fig. 10 / Area B | Rock | ppm | < LOD | 100 | 79 | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 19 | < LOD | < LOD | < LOD | < LOD | 4571 | 122 | < LOD | < LOD | < LOD | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4975 | Fig. 10 / Area B | Rock | ppm | < LOD | 156 | 89 | < LOD | 7 | 9 | < LOD | < LOD | < LOD | < LOD | < LOD | 18 | < LOD | < LOD | < LOD | < LOD | 4967 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4976 | Fig. 10 / Area B | Rock | ppm | < LOD | 115 | 73 | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 16 | < LOD | < LOD | < LOD | < LOD | 6806 | < LOD | < LOD | < LOD | < LOD | < LOD | 4 | < LOD | < LOD | 103 | < LOD | 521 |
| 4977 | Fig. 10 / Area B | Rock | ppm | < LOD | 162 | 59 | < LOD | 12 | 14 | < LOD | < LOD | < LOD | < LOD | < LOD | 39 | < LOD | < LOD | 107 | < LOD | 27412 | 10492 | < LOD | < LOD | < LOD | < LOD | 3 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4978 | Fig. 10 / Area B | Rock | ppm | < LOD | 89 | 36 | < LOD | 6 | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | 39 | < LOD | < LOD | < LOD | < LOD | 9702 | 457 | < LOD | < LOD | < LOD | < LOD | 3 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4979 | Fig. 10 / Area B | Rock | ppm | < LOD | 118 | 46 | < LOD | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 41 | < LOD | < LOD | < LOD | < LOD | 16709 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4980 | Fig. 10 / Area B | Rock | ppm | < LOD | 116 | 43 | < LOD | 14 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 59 | < LOD | < LOD | < LOD | < LOD | 15117 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4981 | Fig. 10 / Area B | Rock | ppm | < LOD | 114 | 36 | < LOD | 26 | 11 | < LOD | < LOD | < LOD | < LOD | < LOD | 74 | < LOD | 29 | < LOD | < LOD | 29861 | 2030 | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4982 | Fig. 10 / Area B | Rock | ppm | < LOD | 152 | 64 | < LOD | 15 | 10 | < LOD | < LOD | < LOD | < LOD | < LOD | 56 | < LOD | 37 | < LOD | < LOD | 11027 | 406 | < LOD | < LOD | < LOD | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4983 | Fig. 10 / Area B | Rock | ppm | < LOD | 78 | 31 | < LOD | 16 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 92 | < LOD | 82 | < LOD | < LOD | 32556 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4984 | Fig. 10 / Area B | Rock | ppm | < LOD | 142 | 42 | < LOD | 72 | 15 | < LOD | < LOD | < LOD | < LOD | < LOD | 82 | < LOD | < LOD | < LOD | < LOD | 42742 | < LOD | < LOD | < LOD | < LOD | < LOD | 9 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4985 | Fig. 10 / Area B | Rock | ppm | < LOD | 140 | 53 | < LOD | 118 | 27 | < LOD | < LOD | < LOD | < LOD | < LOD | 97 | < LOD | 47 | < LOD | < LOD | 46141 | < LOD | < LOD | < LOD | < LOD | < LOD | 16 | 4 | < LOD | < LOD | < LOD | < LOD |
| 4986 | Fig. 10 / Area B | Rock | ppm | < LOD | 81 | 143 | < LOD | 52 | 19 | < LOD | < LOD | < LOD | < LOD | < LOD | 116 | < LOD | 35 | < LOD | < LOD | 44338 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | 2 | < LOD | < LOD | < LOD | < LOD |
| 4987 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 62 | < LOD | < LOD | < LOD | < LOD | 26 | < LOD | 496 | < LOD | < LOD | 37229 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4988 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 31 | < LOD | 5 | < LOD | 77 | < LOD | < LOD | < LOD | < LOD | 23 | < LOD | 926 | < LOD | < LOD | 28518 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4989 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 18 | < LOD | < LOD | < LOD | < LOD | 1637 | 74 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 4 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 4 | < LOD | < LOD | 25 | < LOD | < LOD | < LOD | < LOD | < LOD | 46 | < LOD | 103 | 109 | < LOD | 275449 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 5 | Fig. 10 / Area B | Rock | ppm | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 38 | < LOD | 1174 | < LOD | < LOD | 228543 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 6 | Fig. 10 / Area B | Rock | ppm | 7 | < LOD | 10 | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 75 | < LOD | 3598 | 265 | < LOD | 318585 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 7 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 5 | < LOD | 6 | 17 | 47 | < LOD | < LOD | < LOD | < LOD | 37 | < LOD | 2830 | 355 | < LOD | 300198 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 8 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 17 | < LOD | 34 | 128 | < LOD | 88220 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |
| 9 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 19 | < LOD | 39 | < LOD | < LOD | 10088 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD |

Table No. 3

Ace Area B - XRF Sampling Results

| XRF No. | Fig. No./Area | Type | Units | 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | Fig. 10 / Area B | Rock | ppm | 10 | < LOD | < LOD | < LOD | < LOD | 24 | < LOD | < LOD | < LOD | < LOD | < LOD | 40 | < LOD | 142 | < LOD | < LOD | 195463 | < LOD | 110 | 63 | < LOD | < LOD | 9 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 11 | Fig. 10 / Area B | Rock | ppm | 19 | < LOD | 5 | < LOD | 4 | 34 | 51 | < LOD | < LOD | < LOD | < LOD | 55 | < LOD | 7340 | 484 | < LOD | 373898 | < LOD | 54 | < LOD | < LOD | < LOD | 13 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 12 | Fig. 10 / Area B | Rock | ppm | 7 | < LOD | 4 | 14 | < LOD | 26 | < LOD | < LOD | < LOD | < LOD | < LOD | 47 | < LOD | 9740 | < LOD | < LOD | 154626 | < LOD | 88 | 58 | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 13 | Fig. 10 / Area B | Rock | ppm | 7 | 6 | < LOD | < LOD | 8 | 22 | < LOD | < LOD | < LOD | < LOD | < LOD | 26 | < LOD | < LOD | < LOD | < LOD | 80535 | < LOD | 53 | 36 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 14 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 34 | < LOD | 277 | < LOD | 366 | 64829 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 15 | Fig. 10 / Area B | Rock | ppm | < LOD | 520 | 31 | < LOD | 116 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 35 | 605 | < LOD | < LOD | < LOD | 20340 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | 2 | < LOD | < LOD | < LOD | < LOD | . |
| 16 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 39 | < LOD | 127 | 186 | < LOD | 288986 | < LOD | 39 | < LOD | < LOD | < LOD | < LOD | < LOD | 36 | < LOD | < LOD | < LOD | . |
| 17 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 8 | < LOD | 16 | < LOD | < LOD | < LOD | < LOD | 12971 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 18 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 141435 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 19 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 2 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 17 | < LOD | < LOD | < LOD | < LOD | 2096 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 20 | Fig. 10 / Area B | Rock | ppm | < LOD | 535 | 33 | < LOD | 103 | 17 | < LOD | < LOD | < LOD | < LOD | < LOD | 58 | 79 | 27 | < LOD | < LOD | 11087 | 159 | < LOD | < LOD | < LOD | < LOD | 6 | 2 | < LOD | < LOD | < LOD | < LOD | . |
| 21 | Fig. 10 / Area B | Rock | ppm | < LOD | 26 | 7 | < LOD | 4 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 72 | 195 | 784 | < LOD | < LOD | 139003 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 54 | < LOD | < LOD | < LOD | . |
| 22 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 705 | 912 | < LOD | < LOD | 138466 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | 47 | < LOD | < LOD | < LOD | . |
| 23 | Fig. 10 / Area B | Rock | ppm | < LOD | 16 | 8 | < LOD | 35 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | 55 | 150 | 152 | < LOD | < LOD | 248814 | 2591 | < LOD | < LOD | < LOD | < LOD | < LOD | 2 | 49 | < LOD | < LOD | < LOD | . |
| 24 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 13 | < LOD | < LOD | < LOD | < LOD | 58 | < LOD | < LOD | **145.86** | < LOD | 62298 | < LOD | < LOD | < LOD | 158217 | 4095 | < LOD | < LOD | < LOD | < LOD | < LOD | 7 | 149 | < LOD | < LOD | < LOD | . |
| 25 | Fig. 10 / Area B | Rock | ppm | < LOD | 300 | 60 | < LOD | 34 | 28 | 115 | < LOD | < LOD | < LOD | < LOD | 96 | < LOD | 39 | < LOD | < LOD | 45364 | < LOD | < LOD | < LOD | < LOD | < LOD | 11 | 3 | < LOD | < LOD | < LOD | < LOD | . |
| 26 | Fig. 10 / Area B | Rock | ppm | < LOD | 165 | 67 | 6 | 34 | 11 | 54 | < LOD | < LOD | < LOD | < LOD | 86 | < LOD | 35 | < LOD | < LOD | 30646 | 379 | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 27 | Fig. 10 / Area B | Rock | ppm | < LOD | 205 | 85 | < LOD | 42 | 32 | 58 | < LOD | < LOD | < LOD | < LOD | 110 | < LOD | 48 | < LOD | < LOD | 27102 | 403 | < LOD | < LOD | < LOD | < LOD | 9 | 3 | < LOD | < LOD | < LOD | < LOD | . |
| 28 | Fig. 10 / Area B | Rock | ppm | < LOD | 156 | 65 | < LOD | 33 | 12 | 81 | < LOD | < LOD | < LOD | < LOD | 84 | < LOD | 44 | < LOD | < LOD | 29383 | 1490 | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 29 | Fig. 10 / Area B | Rock | ppm | < LOD | 120 | 40 | < LOD | 23 | 13 | 50 | < LOD | < LOD | < LOD | < LOD | 75 | < LOD | < LOD | < LOD | < LOD | 27425 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 30 | Fig. 10 / Area B | Rock | ppm | < LOD | 169 | 61 | < LOD | 35 | < LOD | 184 | < LOD | < LOD | < LOD | < LOD | 97 | < LOD | 113 | < LOD | < LOD | 45062 | < LOD | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 31 | Fig. 10 / Area B | Rock | ppm | < LOD | 290 | 142 | < LOD | 61 | 20 | < LOD | < LOD | < LOD | < LOD | < LOD | 132 | < LOD | 49 | < LOD | < LOD | 76169 | < LOD | < LOD | < LOD | < LOD | < LOD | 9 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 32 | Fig. 10 / Area B | Rock | ppm | < LOD | 190 | 101 | < LOD | 93 | 7 | < LOD | < LOD | < LOD | < LOD | < LOD | 59 | < LOD | 23 | < LOD | < LOD | 20602 | 320 | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 33 | Fig. 10 / Area B | Rock | ppm | < LOD | 167 | 87 | < LOD | 49 | 25 | < LOD | < LOD | < LOD | < LOD | < LOD | 181 | < LOD | 33 | < LOD | < LOD | 96141 | 8121 | < LOD | < LOD | < LOD | < LOD | 6 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 34 | Fig. 10 / Area B | Rock | ppm | < LOD | 106 | 73 | < LOD | 12 | 15 | 25 | < LOD | < LOD | < LOD | < LOD | 45 | < LOD | 46 | < LOD | < LOD | 26644 | < LOD | < LOD | < LOD | < LOD | < LOD | 5 | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 35 | Fig. 10 / Area B | Rock | ppm | < LOD | < LOD | 93 | < LOD | 3 | < LOD | 105 | < LOD | < LOD | < LOD | < LOD | 21 | < LOD | 32 | 121 | < LOD | 126540 | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | < LOD | . |
| 36 | Fig. 10 / Area B | Rock | ppm | < LOD | 188 | 82 | < LOD | 19 | 58 | 150 | < LOD | < LOD | < LOD | < LOD | 63 | < LOD | 31 | 131 | < LOD | 85964 | 367 | < LOD | < LOD | < LOD | < LOD | 7 | < LOD | < LOD | < LOD | < LOD | < LOD | . |

In all cases <LOD means below level of detection