ASSESSMENT REPORT TITLE PAGE AND SUMMARY

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

TOTAL COST: **$52,934.00**

AUTHOR(S): **Louis Doyle**
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): **5950920 – (July 15, 2022 to September 15, 2022) and 5961141 - July 15, 2022 to December 14, 2022.**

YEAR OF WORK: **2022**
PROPERTY NAME: **Ace Property**
CLAIM NAME(S) (on which work was done)
ACE 22 (tenure # 1092643)

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: **P33 Valley Rd. Box 53, 150 Mile House B.C., V0K 2G0**

OPERATOR(S) [who paid for the work]: **Barker Minerals Ltd.**
MAILING ADDRESS: **P33 Valley Rd. Box 53, 150 Mile House B.C., V0K 2G0**

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	103	1092643	$23,634.14
Silt	N/A		
Rock	103	1092643	$17,482.79
Heavy mineral	N/A		
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	206	1092643	$11,817.07
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	**$52,934.00**

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Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change Confirmation

Recorder: BARKER MINERALS LTD (140410) **Submitter:** BARKER MINERALS LTD (140410)
Recorded: 2022/SEP/21 **Effective:** 2022/SEP/21
D/E Date: 2022/SEP/21

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: **5950920**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2022/JUL/15
Work Stop Date: 2022/SEP/15
Total Value of Work: $ 24000.00
Mine Permit No:

Summary of the work value:

Title Number	Claim Name	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
1092643	ACE 22	2022/JAN/28	2022/SEP/30	2023/FEB/28	151	11146.98	$ 23057.45	$ 0.00

Financial Summary:

Total applied work value: $ 23057.45

PAC name: Barker Minerals Ltd.
Debited PAC amount: $ 0.0
Credited PAC amount: $ 942.55

Total Submission Fees: $ 0.0

Total Paid: **$ 0.0**

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BRITISH COLUMBIA

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Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change Confirmation

Recorder: BARKER MINERALS LTD (140410) **Submitter:** BARKER MINERALS LTD (140410)
Recorded: 2022/DEC/15 **Effective:** 2022/DEC/15
D/E Date: 2022/DEC/15

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: **5961141**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2022/JUL/15
Work Stop Date: 2022/DEC/14
Total Value of Work: $ 25300.00
Mine Permit No:

Summary of the work value:

Title Number	Claim Name	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
1066779	A BB BRIDGE	2019/FEB/24	2023/FEB/24	2023/Jul/24	150	431.19	$ 1772.02	$ 0.00
1092643	ACE 22	2022/JAN/28	2023/FEB/28	2023/JUL/24	146	11146.98	$ 22293.96	$ 0.00
1092644		2022/JAN/28	2023/FEB/24	2023/JUL/24	150	508.91	$ 1045.71	$ 0.00

Financial Summary:

Total applied work value: $ 25111.69

PAC name: Barker Minerals Ltd.
Debited PAC amount: $ 0.0
Credited PAC amount: $ 188.31

Total Submission Fees: $ 0.0

Total Paid: **$ 0.0**

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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.
330 Valley Rd.
150 Mile House, B.C.
V0K 2G0

Prepared by:
Louis Doyle

January 23, 2023

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1.0 SUMMARY

Field work performed in the 2022 field season on Barker Minerals Ltd's. Ace property consisted of soil and rock sampling programs on new logging roads, and in newly logged areas, which was followed up with XRF geochemical analysis. One hundred and three soil samples were collected in the field and dried at Barker's field office in Quesnel BC. Once broken apart and dried the samples were then fine sieved through a series of fining down screen mesh sizes in preparation for analysis.

The soil samples are located in an area of deep overburden so a larger than normal amount of sample material was collected in order to get as much fine fraction material to provide the best chances to identify patterns of geochemical results. A plastic sample bag of soil or clay material 12 inches by 20 inches was collected at each sample site to be dried, screened and then analyzed by XRF at Barker's field office in Quesnel BC.

In order to get as much information from each sample location one hundred and three float rock samples were also collected within a metre from each of the soil samples. The new logging roads exposed deep overburden and high clay walls above the new roads.

Rock samples collected were chosen by the angularity of, and by the most common rock type in the immediate sample areas which are more likely to represent the underlying covered bedrock. It is expected as sampling goes up into the higher elevation new roads that outcrop exposure will eventually be found which can be then sampled for analysis.

Ace float rock sample summary

On the Ace property gold has been proven to be associated mostly within quartz veins so the rock sample collection program had a focus on collecting as many quartz vein samples as possible when rock type choice allowed. Highly altered quartz rich rocks were also collected as they are proximal to the quartz veining locations identified in previous programs.

Most of the rock samples were quartz rich and are extremely weathered from glaciation and erosion over time. Many rocks are highly altered which would be expected as proximity to the intrusive host rock is approached nearer.

Ace float quartz rich schist samples have minor pyrite sometimes with magnetic pyrrotite. The more altered and oxidized samples are non-magnetic and are a lighter rusty color. The odd sample was graphitic and dark black and also non-magnetic. Biotite is also present in a number of samples which also indicates higher temperatures and also close proximity to the main intrusive body.

Highly weathered diorite samples were found in a few locations which were blocky in nature and indicate proximity to bedrock. On the top of Mt, Barker gold bearing quartz veins occur in outcrop within diorite host rocks so these observations and findings are important to follow up on to locate their bedrock sources.

The geochemical values of the samples were overall low in most elements however five of the rock samples analyzed detected anomalous gold being present in the samples. Of the samples which detected gold three samples had elevated tellurium, three samples had elevated copper and silver, two samples were associated with arsenic and only one sample associated with slightly elevated zinc.

The five float rock samples high in Au are listed below.

Sample No.	**Au (ppm)**
AFR-07	11.42
AFR-30	10.40
AFR-39	10.09
AFR-89	14.31
AFR-100	11.18

Ace soil sample summary

The soil samples in general were low in most elements which would be expected in the deep overburdened and glaciated environment.

No gold was detected in any samples however the gold pathfinder arsenic was sporadic in the analysis and a series of continuous samples from AFS - 29 to AFS – 39 were anomalous, to highly anomalous in arsenic.

It is interesting to note that three of the gold rich rock samples are located within the 250 metre wide soil arsenic anomaly which is very encouraging.

2.0 INTRODUCTION

This report describes assessment work performed in 2022 on Barker Minerals Ltd.'s Ace Property. The work was concentrated in the area of tenure no. 1092643. Soil and rock samples were collected and then 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 horizons in the newly exposed road cuts in an on-going mineral exploration program.

The last 2 years of logging activities has opened up areas with over 20 kilometers of new roads and associated logged off areas in a highly prospective area. These road systems are the basis of a large scale 2022/2023 soil, stream sediment and rock sampling program to help determine the bedrock origin of the original gold discovery on the Ace property as many of the new access roads are located upslope from the original discovery area.

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

3.0 PROPERTY DESCRIPTION and LOCATION

The Ace property consists of contiguous claims listed in Table No. 1 – Ace 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 150 Mile House, 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.

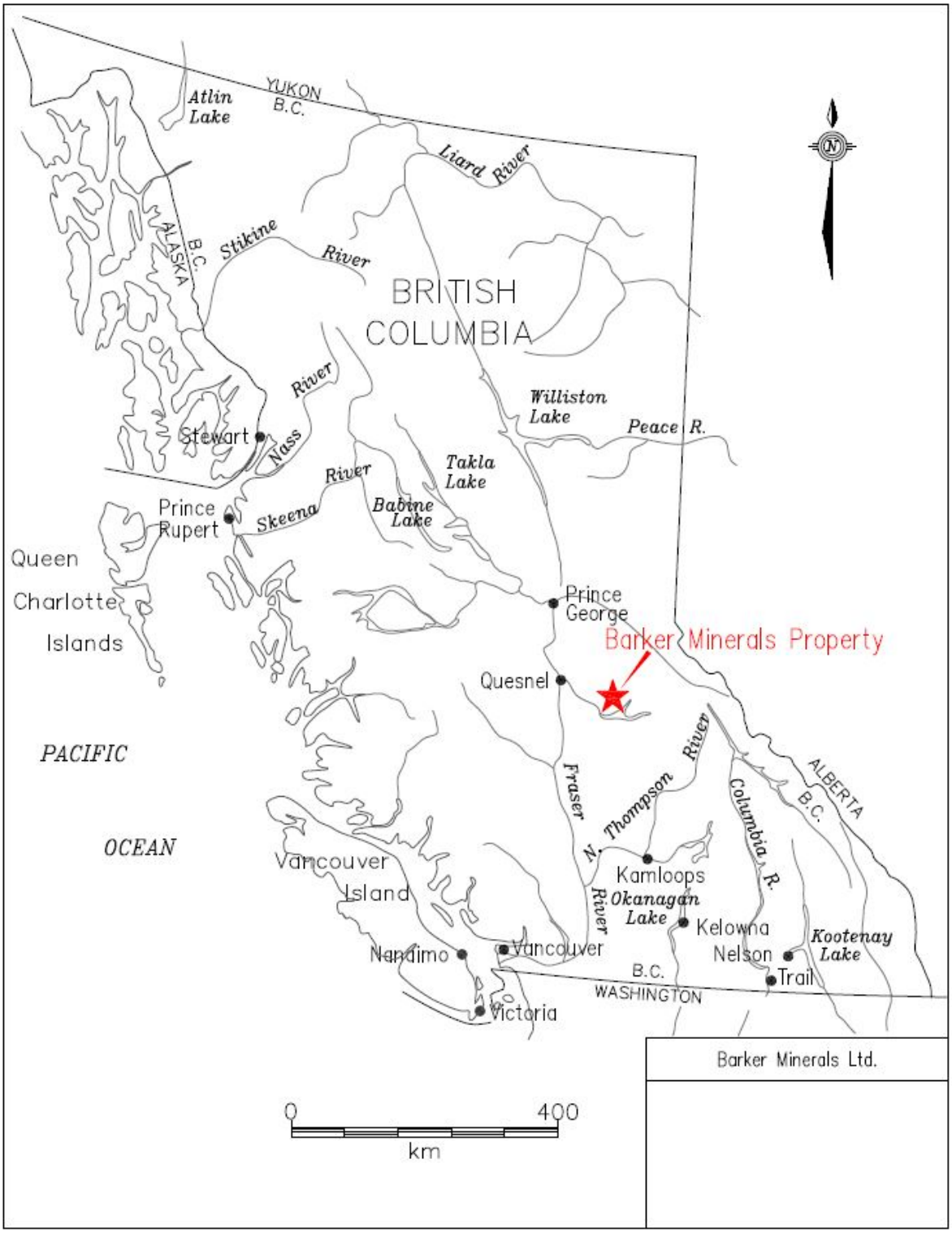


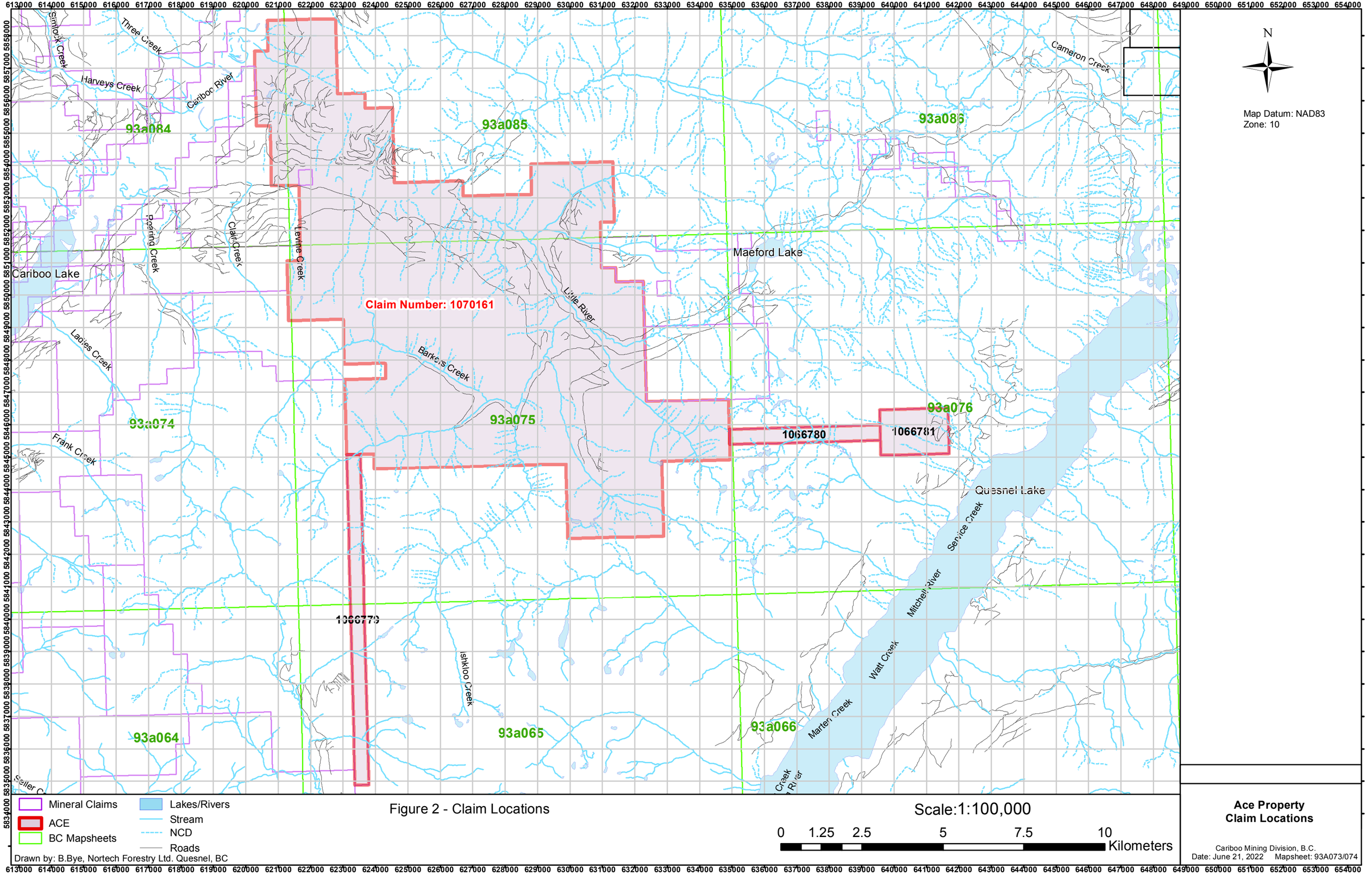
Figure No. 1 - Barker Minerals Ltd. Ace property location in British Columbia.

4.0 MINERAL CLAIMS

Tenure Number	Owner No.	Owner	Status	Area (ha)
1092643	140410	Barker Minerals Ltd. 100%	Good	11,146.98
1092644	140410	Barker Minerals Ltd. 100%	Good	508.91

Total Area is **11,655.89 ha**

Table No. *1* – *Ace Mineral Claim Details, Barker Minerals Ltd.*


Simlock Creek
Three Creek
Harveys Creek
Cariboc River
93a084
93a085
93a086
Cameron Creek
Clair Creek
Levine Creek
Roaring Creek
Cariboo Lake
Maeford Lake
Claim Number: 1070161
Little River
Barker's Creek
Ladies Creek
93a074
93a075
93a076
1066780
1066781
Frank Creek
Quesnel Lake
Service Creek
Mitchell River
Watt Creek
1066779
Ishkloo Creek
93a064
93a065
93a066
Marten Creek
N
Map Datum: NAD83
Zone: 10
Mineral Claims
ACE
BC Mapsheets
Lakes/Rivers
Stream
NCD
Roads
Drawn by: B.Bye, Nortech Forestry Ltd. Quesnel, BC
Figure 2 - Claim Locations
Scale:1:100,000
0 1.25 2.5 5 7.5 10
Kilometers
Ace Property
Claim Locations
Cariboo Mining Division, B.C.
Date: June 21, 2022 Mapsheet: 93A073/074

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. 3 shows access roads from Likely to Barker's mineral properties.

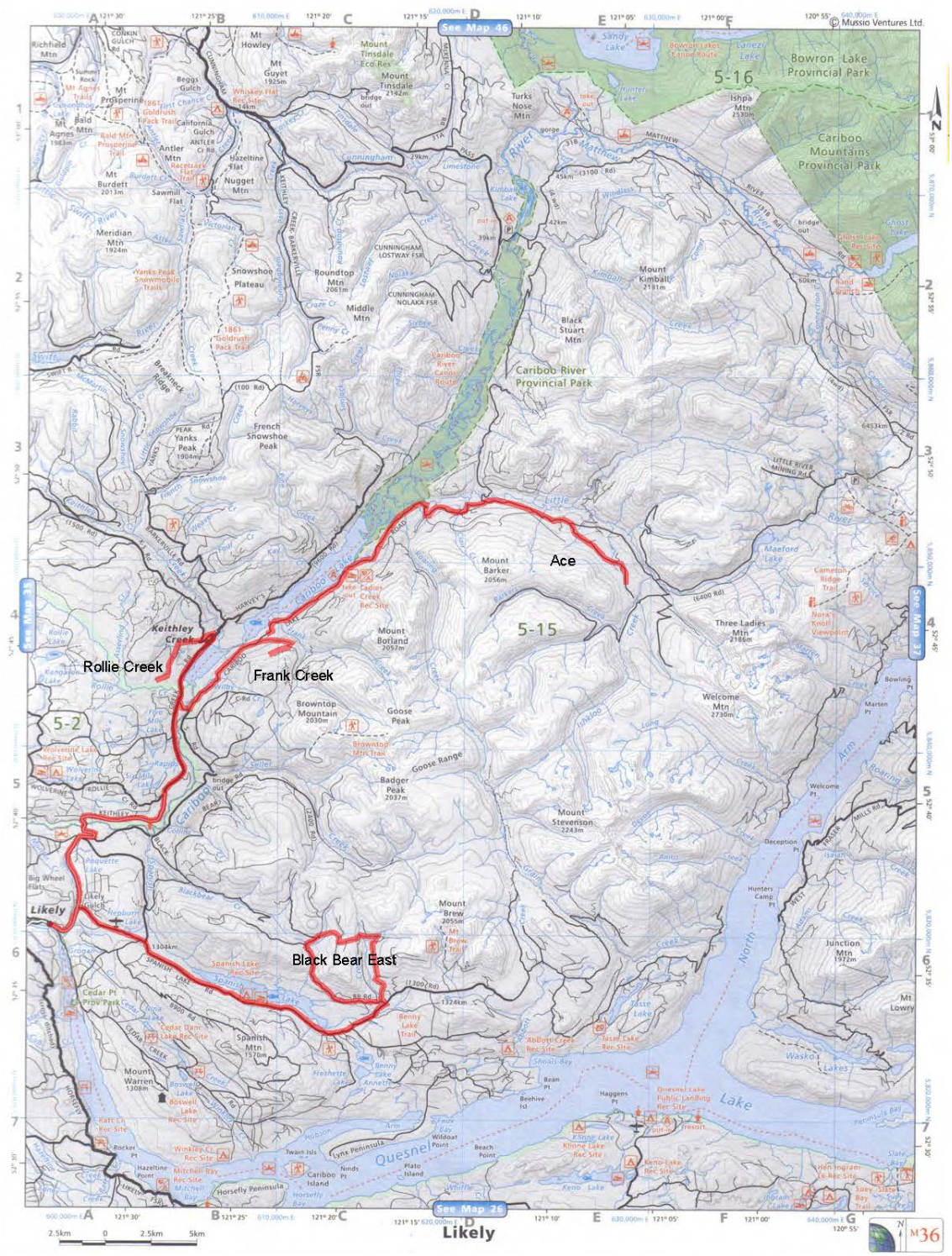


Figure No. 3 - Access roads from Likely to several of Barker Minerals' properties.

6.0 HISTORY

6.1 History of Work Done on the 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 - 1994

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 favorable horizons in exploration for VMS massive sulphide mineralization was recommended.

6.1.11 Work done in 2003 - 2004

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 (AR 36160) and May 1, 2016. and July 20, 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 work (AR 36160), 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, 2016) 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.

6.1.13 Work done in 2017

The relevant report is Assessment Report 37329 by Rein Turna.

226 rock samples were collected off the 8400 Road and F Road. Seven rock samples had gold values of 9,73 ppm 10.67 ppm, 10.81 ppm, 11.15 ppm, 11.27 ppm, 11.99 ppm and 21.61 ppm Au. Continued exploration was recommended in accordance with regard to a synthesis of all previous work done and recommendations.

6.1.14 Work done in 2018

Work performed in 2018 is described in Assessment Reports 37739 and 37999 both by Rein Turna. Both of these Assessment Reports describe rock sampling done in follow up to soils sampled previously.

Assessment Report 37739 describes the analysis results of 225 float rock samples collected during this program. Eight rock samples had highly anomalous gold values (10.02 ppm, 10.45 ppm, 10.50 ppm, 10.71 ppm, 11.39 ppm, 11.57 ppm, 11.59 ppm, and 12.06 ppm Au).

Assessment Report 37999 describes the analysis results of 264 float rock samples. Ten of the samples had high results in gold)847.90, 13.18, 12.85, 12.62, 11.93, 10.97, 10.37, 9.65, 9.49 and 9.14 ppm Au).

More intensive and extensive rock and soil sampling was recommended along with a synthesis of the extensive work history be made to guide future work programs on the Ace property.

6.1.15 Work done in 2019

Rock sampling was done off the F Road branch of the 8400 Road on the south side of Little River on the central portion of the Ace property. A total of 303 float rock samples from 101 locations were analysed. The economic target was gold in quartz veins or within the rocks hosting the veins. Zn and Cu results are plotted on the Figure Nos. 9 and 10 after page 22. These elements were chosen for the maps as they are often best pathfinder elements for Au, and were more frequently detected during the survey than other elements. "<LOD" signifies the result is below the level of detection.

Rock Sampling XRF Results:

Area A (For complete results see Appendix G)
111 rock samples from Area A were analyzed. None of the samples contained detectable gold. 29 of the samples had elevated results in Zn and/or Cu.

Area B (For complete results see Appendix G)
192 rock samples from Area B were analyzed. 66 of the samples had elevated results in Zn and/or Cu. Five of the samples contained gold. None of the samples containing Au had significantly elevated results in Zn or Cu. The five samples high in Au are listed below.

6.1.16 Work done in 2020 and 2021

Work performed in 2020 and 2021 on Barker Minerals Ltd.'s Ace property consisted of rock sampling programs on new logging roads and in newly logged areas with follow up XRF analysis. Three hundred and forty-seven in-situ float rock samples in the field were analyzed 3 times each during this program while Two hundred and twenty-two float rock samples

were collected in the field and analyzed by XRF at Barker's field office in Quesnel BC. This report describes the work done and associated geochemical results.

Twenty-one of the rock samples had highly anomalous gold values which are listed below. There appears to be no significant association of gold with any other elements. Previous petrographic studies on the Ace project determined that native gold was present as well as gold mineralization being associated with Bismuth and Tellurium elements.

The thirty-one samples high in Au are listed below.

XRF No.	Au (ppm)
3749	11.79
3768	10.48
3828	11.40
3905	25.86
3919	12.20
3927	9.94
3986	11.13
4105	10.41
4162	10.99
4186	20.46
4425	10.93
4455	11.12
4534	14.92
4544	10.95
4550	11.18
A2-1	9.81
A2-27	17.62
A2-28	12.55
A2-62	12.59
A2-145	10.54
A2-165	16.42

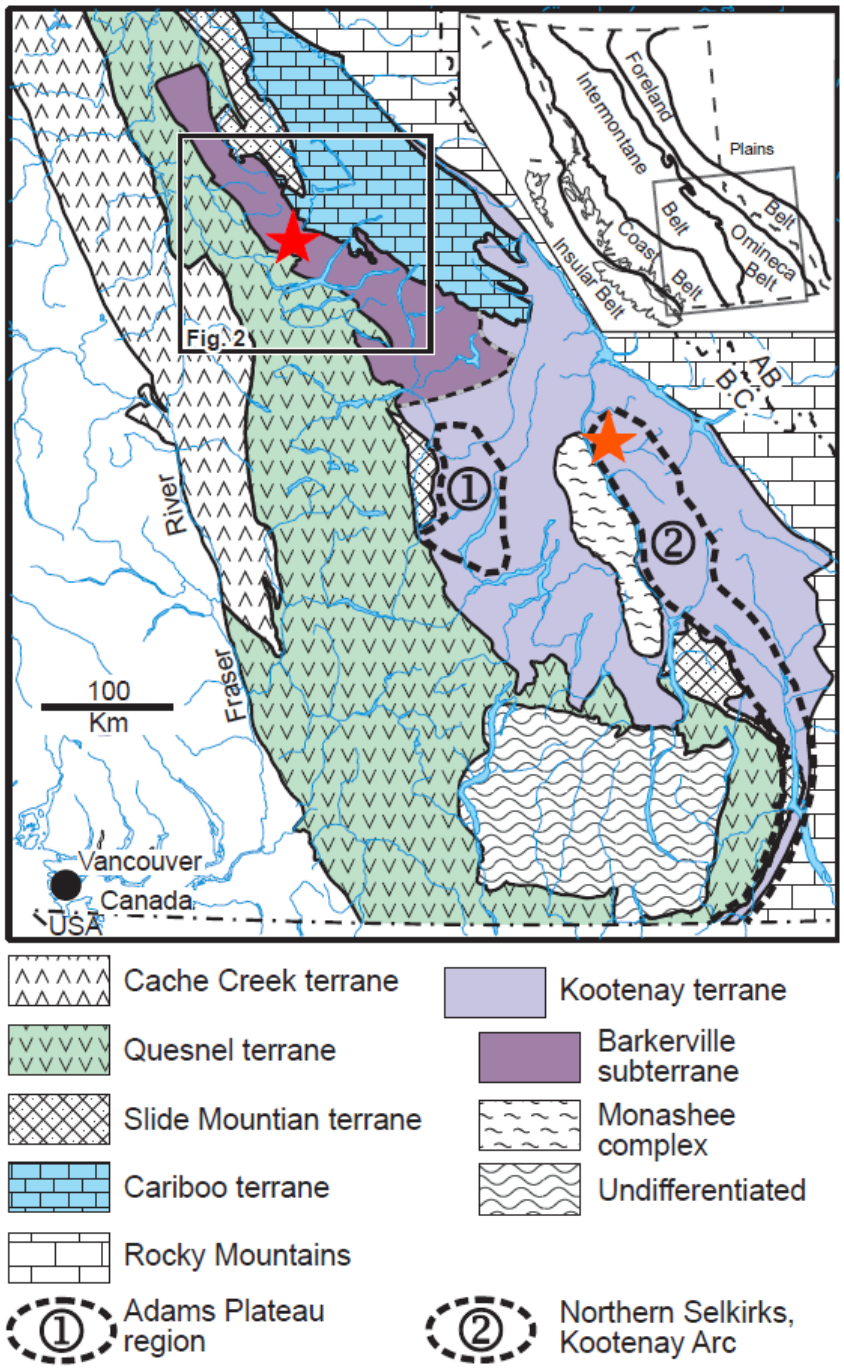


Figure No. 4 - Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

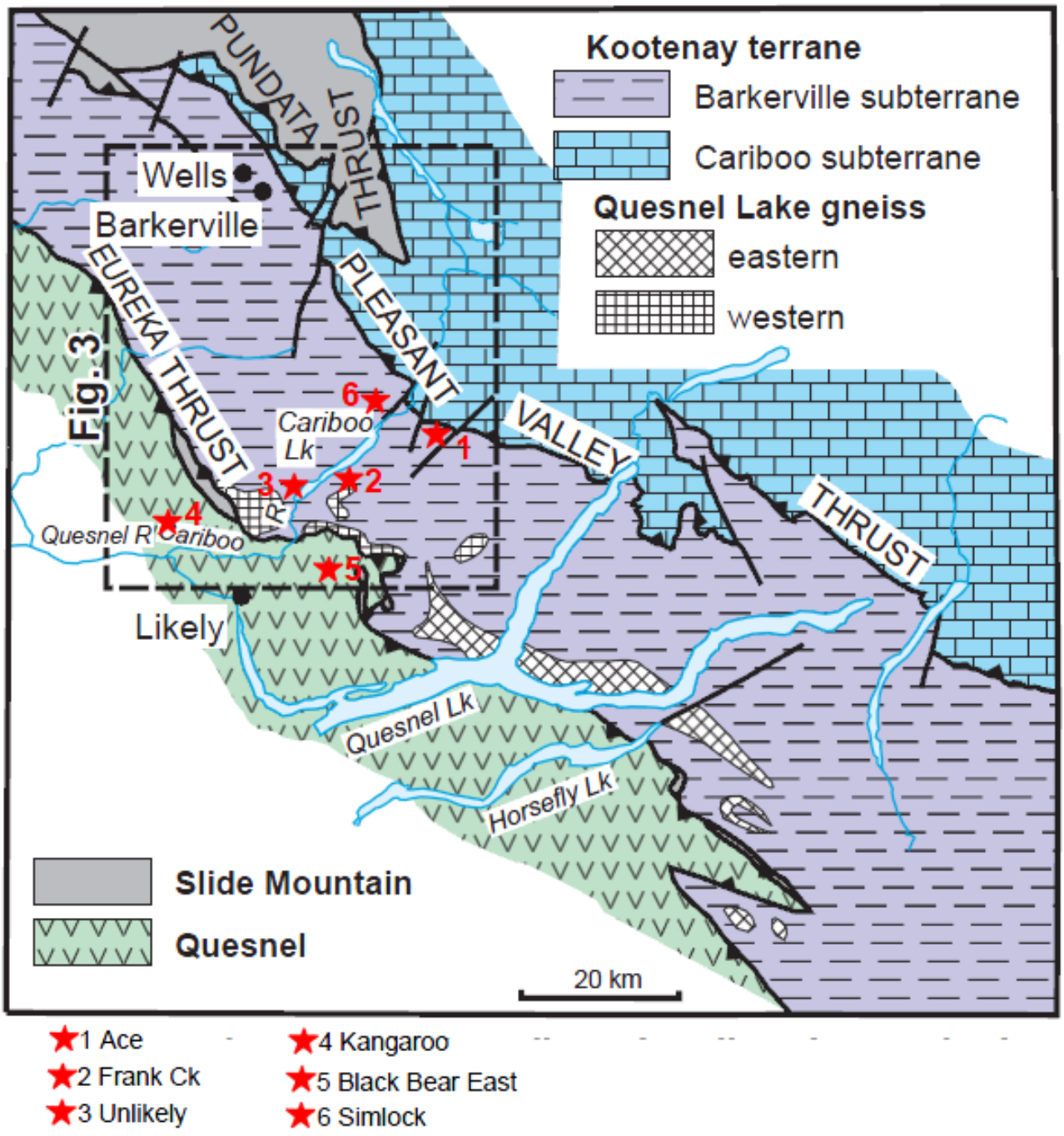


Figure No. 5 - Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

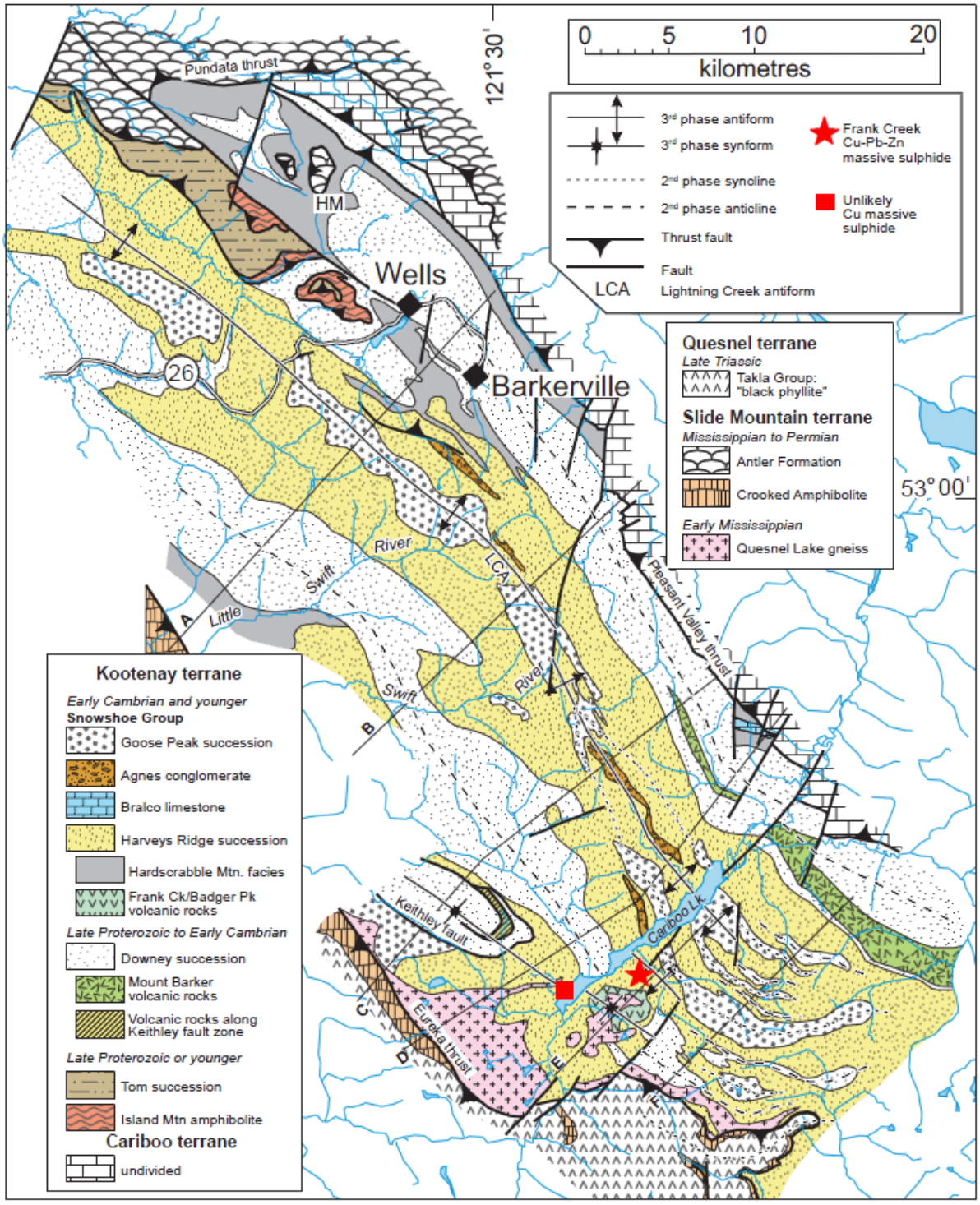


Figure No. 6 - Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

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.

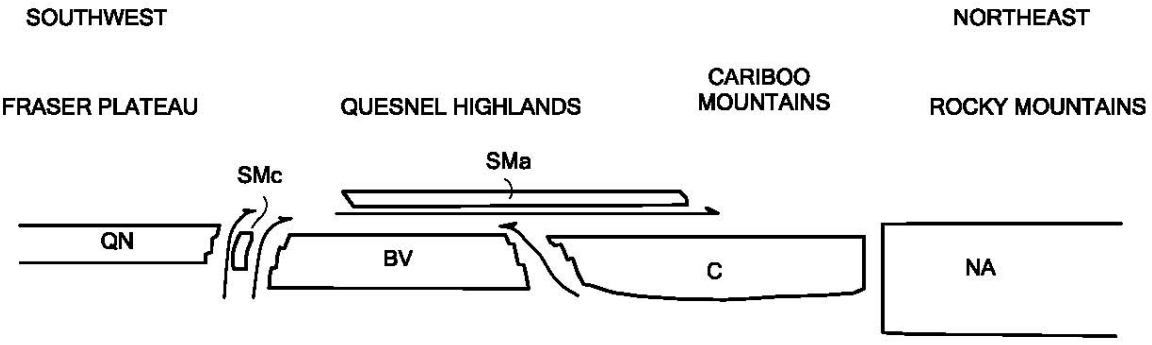


Figure No. 7 - Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain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

7.0 GEOLOGY

7.1 Regional Geology

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, 2022

8.1 Sampling Method and Approach

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

Coordinates were collected at all sample locations. The coordinates are provided in Appendix H. Barren granite was used for calibration of the XRF analyzer.

The XRF analysis method does not replace laboratory assay. It detects the presence or absence of multiple elements in prospecting and, up to a certain point, the intensity of mineralization and correlation among elements in a specimen. The XRF is very useful in analysis for base economic and pathfinder metals though Au needs to be in relatively high grade in order to be detected by the XRF.

8.2 Economic Targets and Work Done

The economic target was gold in quartz veins or within the rocks hosting the veins. Au, Zn and Cu results are plotted on the chart in Appendix H-R and H-S. These elements were chosen for the maps as they are often best pathfinder elements for Au, and were more frequently detected during the survey than other elements. "<LOD" signifies the result is below the level of detection.

Field work performed in the 2022 field season on Barker Minerals Ltd's. Ace property consisted of soil and rock sampling programs on new logging roads, and in newly logged areas, which was followed up with XRF geochemical analysis. One hundred and three soil sediment/clay samples were collected in the field and dried at Barker's field office in Quesnel BC. Once broken apart and dried the samples were then fine sieved through a series of screen mesh sizes in preparation for analysis. The soil samples were located in an area of widespread deep overburden so a larger than normal amount of sample material was collected in order to get as much fine fraction material to provide the best opportunity to get representative geochemical results. A plastic sample bag of soil or clay material 12 inches by 20 inches was collected at each sample site to be dried, screened and then analyzed by XRF at Barker's field office in Quesnel BC.

In order to get as much information from each sample location one hundred and three float rock samples were also collected from the immediate soil sample site locations, typically within one metre. The new logging roads exposed the deep overburden and high clay walls above the new roads. Rock samples collected were chosen by the angularity and by the most common rock type in the immediate sample areas which are more likely to represent

the underlying covered bedrock. It is expected as sampling goes up into the higher elevation new roads that outcrop exposure will eventually be found which can be then sampled for follow up analysis.

Ace Float Rock Sample Summary

On the Ace property gold has been proven to be associated mostly within quartz veins so the rock sample collection had a focus on collecting as many quartz vein samples as possible when rock type selection allowed. Highly altered quartz rich rocks were also collected as they are proximal to the quartz veining locations identified in previous programs.

Most of the rock samples were quartz rich and are extremely weathered from glaciation, and erosion over time. Many rocks are highly altered which would be expected as proximity to the intrusive host rock is approached nearer.

Ace float quartz rich schist samples have minor pyrite sometimes with magnetic pyrrotite. The more altered and oxidized samples are non-magnetic and are a lighter rusty orange red color. The odd sample is graphitic and dark black and also non-magnetic. Biotite is also present in a number of samples which also indicates higher temperatures and also close proximity to the main intrusive body.

Highly weathered diorite samples were found in a few locations which were blocky in nature and indicate proximity to bedrock. On the top of Mt, Barker gold bearing quartz veins occur in outcrop within diorite host rocks so these observations and findings are important to follow up on to locate their bedrock sources.

The geochemistry of the suite of samples were low in most elements however five rock samples analyzed detected anomalous gold being present. Of the samples which detected gold three samples had elevated tellurium, three samples had elevated copper and silver, two samples were associated with arsenic and only one sample associated with slightly elevated zinc.

The five float rock samples high in Au are listed below:

Sample No.	**Au (ppm)**
AFR-07	11.42
AFR-30	10.40
AFR-39	10.09
AFR-89	14.31
AFR-100	11.18

Ace Soil Sample Summary

The soil samples in general were low in most elements which would be expected in the deep overburdened and glaciated environment.

No gold was detected in any samples however the gold pathfinder arsenic was sporadic in the sample areas and in one area defined a series of continuous samples from AFS - 29 to AFS – 39 (250 metres wide) that were anomalous, to highly anomalous in arsenic.

It is interesting to note that three of the gold rich rock samples are located within the soil arsenic anomaly which is very encouraging. The arsenic anomaly and gold bearing rock samples should be followed up on as a high priority in the next program in the 2023 field season.

9.0 CONCLUSIONS

Five of the one hundred and three rock samples had high values in gold (Au). The arsenic anomaly identified should be prioritized in the next program in the 2023 field season. The locations of these samples should be followed up by more intensive and extensive rock, till, stream sediment and soil sampling, as well as outcrop wherever it can be found.

Historic work in the Ace Property area determined gold occurs in quartz veins on the property. The 2022 sampling program was of limited scope. The elevated gold values were not accompanied by elevated results in the elements deemed to be possible pathfinders, (zinc and copper). This suggests that most gold that may occur in host veins as a single native metal, it may be less associated with arsenic and rare telluride minerals which have been confirmed to be associated with gold in previous petrographic studies and analysis of gold rich samples on the Ace project.

10.0 RECOMMENDATIONS

More intensive and extensive rock and soil sampling is recommended to follow up the anomalous gold results from the 2022 program and to extend sample coverage on the new road systems and logged off areas in order to identify areas of interest to follow up on. A synthesis of the historical work should be done along with work recommended by the previous programs in order to help plan the next stage of exploration.

The locations of the gold rich samples and the arsenic anomaly should be followed up by more intensive and extensive rock, till, stream sediment and soil sampling, as well as outcrop wherever it can be found.

As systematic sampling of the new road systems are conducted it is expected that outcrops will eventually be found exposed on some of the new roads on the north slope of Mt. Barker. Heavy mineral samples should be collected and analyzed in the most clay rich areas of the new road systems and stream sediment sampling should be conducted on all the newly exposed seasonal drainages and creeks. Once bedrock exposure is found it should be sampled thoroughly in detail to assist in vectoring in to potential gold rich, or gold pathfinder, mineralized zones.

620000 621000 622000 623000 624000 625000 626000 627000 628000 629000 630000 631000 632000 633000 634000 635000 636000 637000 638000 639000 640000 641000 642000 643000 644000 645000 646000 647000 648000

5858000 5857000 5856000 5855000 5854000 5853000 5852000 5851000 5850000 5849000 5848000 5847000 5846000 5845000 5844000 5843000 5842000 5841000

93a084

93a085

93a086

Area A

Maeford Lake

Claim Number: 1092643

93a075

93a074

93a076

1066780

1066781

1066779

Quesnel Lake

N

Map Datum: NAD83
Zone: 10

For Area A see Figure No. 8

Legend

- Mineral Claims
- ACE
- BC Mapsheets
- Lakes/Rivers
- AFS22 Soil Samples

Drawn by: B.Bye, Nortech Forestry Ltd. Quesnel, BC

Figure No: 8

Scale:1:70,000

0 0.75 1.5 3 4.5 6 Kilometers

Barker Minerals Ltd.

Ace Property
Keymap of Claims and 2022 Work Areas

Cariboo Mining Division, B.C.

Date: Jan. 16, 2023 Mapsheet: 93A073/074

APPENDIX A

Glossary of Technical Terms and Abbreviations

Ag	Silver.
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.
As	Arsenic.
Au	Gold.
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.
BCGS	British Columbia Geological Survey.
B.C. MEMPR	British Columbia Ministry of energy Mines and Petroleum Resources.
Bi	Bismuth.
Cd	Cadmium.
cm	Centimetre.
Co	Cobalt.
Cu	Copper.
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.
F	Fluorine.
Float	Loose rocks or boulders; the location of the bedrock source is not known.

GBC	Geoscience British Columbia.
Grab sample	A sample of a single rock or selected rock chips collected from within a restricted area of interest.
GSC	Geological Survey of Canada.
g/t	Grams per tonne (metric tonne). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
Ha	Hectare - an area totalling 10,000 square metres, e.g., an area 100 metres by 100 metres.
Heavy mineral concentrate	A 10 kg sample is sieved and submitted to heavy liquid separation. The resultant heaviest concentrate is then separated into magnetic and non-magnetic portions. These are then examined under microscope or assayed.
Hg	Mercury.
HLEM	Horizontal loop electromagnetic.
Intrusive	A magmatic rock that cuts into and alters older rocks and may be the source of minerals deposited into the rocks intruded, creating skarn or porphyry type mineral deposits.
IP	Induced polarization geophysical survey.
kg	Kilogram.
km	Kilometre.
lb.	Pound.
Leucocratic	Light-coloured.
<LOD	Below the level of detection.
m	Metre.
Max-Min	An HLEM technique to test for resistivity and conductivity of rocks.
µm	Micron, micro-metre, one millionth of a metre.
Mn	Manganese.
Mo	Molybdenum.
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.

Orogenic The physical manifestations of the process of mountain building. Orogens are usually long, thin, arcuate tracts of rock that are geologically active and have a pronounced linear structure resulting in terranes.

oz. Ounce.

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

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

Pathfinder A metallic element associated with an ore element such as silver or gold. Areas of anomalous “pathfinder” elements can suggest the possible presence of ore elements though the latter may not be detected initially.

Pb Lead.

Porphyry A deposit where primarily Cu-bearing minerals occur in disseminated grains or veinlets through a large volume of rock within or in close association with intrusive igneous rocks. Au and Mo are also important products of porphyry deposits.

Potassic alteration Typical of porphyry copper and lode gold deposits, results in production of micaceous, potassic minerals such as biotite in iron-rich rocks, muscovite mica or sericite in felsic rocks, and orthoclase (adularia) alteration, often quite pervasive and producing distinct salmon-pink alteration zones.

ppb Parts per billion.

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

Propylitic alteration Alteration of rocks due to hot fluids that have a high sodium ion composition. It typically results in epidote–chlorite-albite alteration with pyrite.

Protolith The original rock before it was metamorphosed.

QUEST	Quesnellia Exploration Strategy, a BCGS geophysical survey.
Sedex	Sedimentary-exhalative mineral deposit type.
SE	Southeast.
Skarn	Forms by chemical metasomatism of rocks in the contact zone of intrusive rocks with rocks often containing carbonate minerals. Skarns in the igneous environment are associated with hornfels and wider zones of calc-silicate rocks. Skarns are often hosts for copper, lead, zinc, iron, gold, molybdenum, tin, and tungsten ore deposits.
Sb	Antimony.
Talus	A collection of rock fragments at the base of crags or mountain cliffs, that has accumulated through rockfall from adjacent cliff faces. Also called scree.
Te	Tellurium.
TEM or TDEM	Time Domain EM.
Tensor-magnetotelluric	See MT.
Terrain	An arbitrarily defined geographic location.
Terrane	A major crustal block with a particular geologic history.
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.
VHMS	Volcanic-hosted massive sulphide. Same as VMS.
XRF	X-ray florescence.
Zn	Zinc.

APPENDIX B

Analytical Methods

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

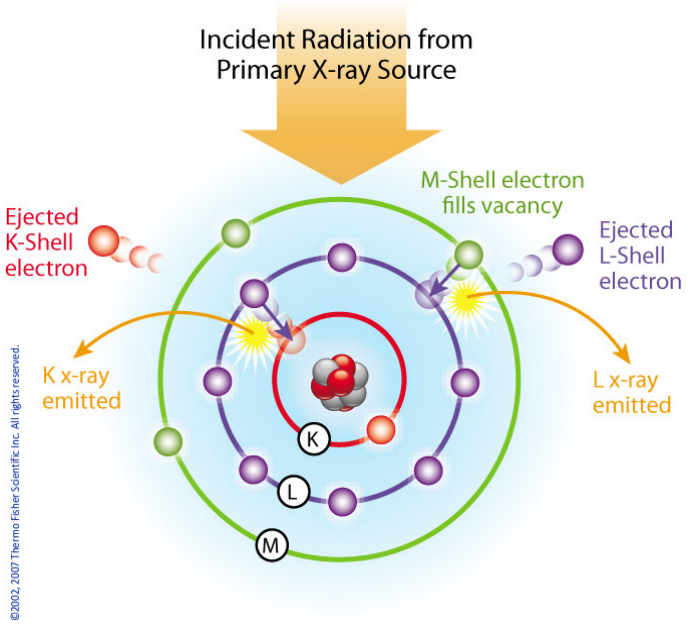
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

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

Elemental Analysis - A Unique Set of Fingerprints

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

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



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

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

Overview of the Thermo Scientific Niton XL3t handheld XRF analyzer.

APPENDIX C

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APPENDIX D

STATEMENT of AUTHOR'S QUALIFICATIONS

This report was prepared by Louis E. Doyle, Prospector, who has 27 years experience prospecting and managing exploration projects in the Cariboo Region of British Columbia.

APPENDIX E

Statement of Expenditures

Barker Minerals Ltd.

Work was completed between July 15, 2022 to September 15, 2022

Work was done on claim # 1092643

Event # 5950920

Ace Property - Geological - Office

	Date	Days	Rate	Sub-total
Louis Doyle				
Report writing		2	$ 600.00	$ 1,200.00
Planning & managing		2	$ 600.00	$ 1,200.00
Room & board		4	$ 100.00	$ 400.00
				$ 2,800.00

Ace Property - Geological - Field

Brian Hall				
Soil sample collection	August 30, 2022	1	$ 600.00	$ 600.00
Soil sample collection	August 31, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 1, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 2, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 3, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 4, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 5, 2022	1	$ 600.00	$ 600.00
Vehicle & gas		7	$ 150.00	$ 1,050.00
Room & board		7	$ 100.00	$ 700.00
Louis Doyle				
Soil sample collection	August 30, 2022	1	$ 600.00	$ 600.00
Soil sample collection	August 31, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 1, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 2, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 3, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 4, 2022	1	$ 600.00	$ 600.00
Soil sample collection	September 5, 2022	1	$ 600.00	$ 600.00
Vehicle & gas		7	$ 150.00	$ 1,050.00
Room & board		7	$ 100.00	$ 700.00
Karen Hall				
Soil sample collection	August 30, 2022	1	$ 300.00	$ 300.00
Soil sample collection	August 31, 2022	1	$ 300.00	$ 300.00
Soil sample collection	September 1, 2022	1	$ 300.00	$ 300.00
Soil sample collection	September 2, 2022	1	$ 300.00	$ 300.00
Soil sample collection	September 3, 2022	1	$ 300.00	$ 300.00
Room & board		5	$ 100.00	$ 500.00
				$ 13,900.00

Barker Minerals Ltd.

Work was completed between July 15, 2022 to September 15, 2022

Work was done on claim # 1092643

Event # 5950920

Ace Property - Geological - Field						
Brian Hall						
Rock sample collections	September 6, 2022	1	$	600.00	$	600.00
Rock sample collections	September 7, 2022	1	$	600.00	$	600.00
Vehicle & gas		2	$	150.00	$	300.00
Room & board		2	$	100.00	$	200.00
Louis Doyle						
Rock sample collections	September 6, 2022	1	$	600.00	$	600.00
Rock sample collections	September 7, 2022	1	$	600.00	$	600.00
Vehicle & gas		2	$	150.00	$	300.00
Room & board		2	$	100.00	$	200.00
					$	**3,400.00**
Ace Property - Travel						
Brian Hall						
Travel in/out	August 29, 2022	1	$	600.00	$	600.00
Travel in/out	September 8, 2022	1	$	600.00	$	600.00
Room & board		2	$	100.00	$	200.00
Vehicle & gas		2	$	150.00	$	300.00
Karen Hall						
Travel in/out	August 29, 2022	1	$	300.00	$	300.00
Room & board		1	$	100.00	$	100.00
Louis Doyle						
Travel in/out	August 29, 2022	1	$	600.00	$	600.00
Travel in/out	September 8, 2022	1	$	600.00	$	600.00
Room & board		2	$	100.00	$	200.00
Vehicle & gas		2	$	150.00	$	300.00
					$	**3,800.00**

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Barker Minerals Ltd.

Work was completed between July 15, 2022 to September 15, 2022

Work was done on claim # 1092643

Event # 5950920

Ace Property - Misc. expenditures

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

Exploration supplies & equipment			$ 437.00
First aid equipment	9	$ 100.00	$ 900.00
Quad rental	9	$ 100.00	$ 900.00
Communication devices			
Hand held radios, satelite phones & SPOT locators	9	$ 24.00	$ 216.00
		Sub-total	**$ 2,453.00**

Ace Property Expenditure Summary

Geological Office	**Sub-total**	**$ 2,800.00**
Geological - Soils - Field	**Sub-total**	**$ 13,900.00**
Geological - Rocks - Field	**Sub-total**	**$ 3,400.00**
Travel	**Sub-total**	**$ 3,800.00**
Misc. expenditures	**Sub-total**	**$ 2,453.00**
	Ace Expenditure Total	**$ 26,353.00**

Barker Minerals Ltd.

Work was completed between July 15, 2022 to December 14, 2022

Work was done on claim no.s 1066779, 1092643 & 1092644

Event # 5961141

Ace Property - Geological - Office

	Date	Days	Rate	Sub-total
Louis Doyle				
Report writing		6	$ 600.00	$ 3,600.00
Planning & Managing		2	$ 600.00	$ 1,200.00
Room & board		8	$ 100.00	$ 800.00
Brenda Bye				
Map drafting		3	$ 500.00	$ 1,500.00
Room & board		3	$ 100.00	$ 300.00
Colleen Doyle				
Report compilation and filing		5	$ 300.00	$ 1,500.00
Room & board		5	$ 100.00	$ 500.00
				$ 9,400.00

Ace Property - Geological - Field

Brian Hall				
Rock sample collection	September 27, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 28, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 29, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 30, 2022	1	$ 600.00	$ 600.00
Vehicle & gas		4	$ 150.00	$ 600.00
Room & board		4	$ 100.00	$ 400.00
Louis Doyle				
Rock sample collection	September 27, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 28, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 29, 2022	1	$ 600.00	$ 600.00
Rock sample collection	September 30, 2022	1	$ 600.00	$ 600.00
Vehicle & gas		4	$ 150.00	$ 600.00
Room & board		4	$ 100.00	$ 400.00
				$ 6,800.00

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Barker Minerals Ltd.

Work was completed between July 15, 2022 to December 14, 2022

Work was done on claim no.s 1066779, 1092643 & 1092644

Event # 5961141

Ace Property - Geochemical						
Brian Hall						
XRF operator	November 12, 2022	1	$	600.00	$	600.00
XRF operator	November 13, 2022	1	$	600.00	$	600.00
XRF operator	November 14, 2022	1	$	600.00	$	600.00
XRF operator	November 15, 2022	1	$	600.00	$	600.00
XRF operator	November 16, 2022	1	$	600.00	$	600.00
Room & board		5	$	100.00	$	500.00
Karen Hall						
Rock sample preparations	November 11, 2022	1	$	300.00	$	300.00
Rock sample preparations	November 12, 2022	1	$	300.00	$	300.00
Rock sample preparations	November 13, 2022	1	$	300.00	$	300.00
Rock sample preparations	November 14, 2022	1	$	300.00	$	300.00
Room & board		4	$	100.00	$	400.00
Karen Hall						
Soil sample preparations	November 8, 2022	1	$	300.00	$	300.00
Soil sample preparations	November 9, 2022	1	$	300.00	$	300.00
Soil sample preparations	November 10, 2022	1	$	300.00	$	300.00
Room & board		3	$	100.00	$	300.00
XRF rental		5	$	200.00	$	1,000.00
					$	**7,300.00**
Ace Property - Travel						
Brian Hall						
Travel in/out	September 26, 2022	1	$	600.00	$	600.00
Room & board		1	$	100.00	$	100.00
Vehicle & gas		1	$	150.00	$	150.00
Louis Doyle						
Travel in/out	September 26, 2022	1	$	600.00	$	600.00
Room & board		1	$	100.00	$	100.00
Vehicle & gas		1	$	150.00	$	150.00
					$	**1,700.00**

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Barker Minerals Ltd.

Work was completed between July 15, 2022 to December 14, 2022

Work was done on claim no.s 1066779, 1092643 & 1092644

Event # 5961141

Ace Property - Misc. expenditures

Safety equipment (MTC), exploration supplies & equipment, communication devices & quad				
Exploration supplies & equipment			$	485.00
First aid equipment	4	$ 100.00	$	400.00
Quad rental	4	$ 100.00	$	400.00
Communication devices				
Hand held radios, satelite phones & SPOT locators	4	$ 24.00	$	96.00
		Sub-total	**$**	**1,381.00**

Ace Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**9,400.00**
Geological - Field	**Sub-total**	**$**	**6,800.00**
Geochemical	**Sub-total**	**$**	**7,300.00**
Travel	**Sub-total**	**$**	**1,700.00**
Misc. expenditures	**Sub-total**	**$**	**1,381.00**
	Ace Expenditure Total	**$**	**26,581.00**

APPENDIX F

Sample Locations with Descriptions

APPENDIX F-R

Rock Sample Locations with Descriptions

Appendix F-R

Ace Property
2022 Rock Sample Locations & Descriptions

Sample #	UTM E	UTM N	Description	Magnetic
AFR22-01	625889	5851173	Vuggy quartz vein	n
AFR22-02	625942	5851153	Vuggy quartz vein	n
AFR22-03	625919	5851162	Vuggy quartz vein	n
AFR22-04	625966	5851147	Vuggy quartz vein	n
AFR22-05	626993	5851151	Vuggy quartz vein	n
AFR22-06	626017	5851147	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-07	626040	5851142	Vuggy quartz vein - minor pyrite	n
AFR22-08	626064	5851139	Altered quartz mica schist - pyrrhotite	y
AFR22-09	626089	5851136	Quartz vein - barren bull quartz	n
AFR22-10	626115	5851139	Quartz vein - barren bull quartz	n
AFR22-11	626140	5851151	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-12	626109	5851188	Altered quartz mica schist	n
AFR22-13	626086	5851199	Vuggy quartz vein	n
AFR22-14	626072	5851219	Altered quartz mica schist	n
AFR22-15	626062	5851242	Altered quartz mica schist	n
AFR22-16	626049	5851262	Altered quartz mica schist	n
AFR22-17	626038	5851284	Altered quartz mica schist - pyrrhotite	y
AFR22-18	626025	5851305	Vuggy quartz vein	n
AFR22-19	626008	5851322	Vuggy quartz vein	n
AFR22-20	625992	5851335	Black argillite	n
AFR22-21	625972	5851354	Black argillite highly altered	n
AFR22-22	625953	5851371	Black argillite	n
AFR22-23	625931	5851378	Black argillite	n
AFR22-24	625905	5851388	Black argillite - minor pyrite	n
AFR22-25	625883	5851393	Quartz vein - barren	n
AFR22-26	625858	5851398	Vuggy quartz vein	n
AFR22-27	625834	5851402	Quartz vein - barren	n
AFR22-28	625809	5851411	Black argillite	n
AFR22-29	625784	5851418	Altered quartz biotite schist - pyrrhotite/pyrite	y
AFR22-30	625760	5851426	Altered quartz biotite schist - pyrrhotite/pyrite	y
AFR22-31	625738	5851433	Black argillite	n
AFR22-32	625713	5851440	Vuggy quartz vein	n
AFR22-33	625692	5851448	Altered quartz biotite schist - pyrrhotite/pyrite	y
AFR22-34	625666	5851455	Black argillite	n
AFR22-35	625642	5851461	Vuggy quartz vein	n
AFR22-36	625618	5851471	Graphitic argillite	n
AFR22-37	625597	5851482	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-38	625574	5851493	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-39	625552	5851503	Vuggy quartz vein	n
AFR22-40	625530	5851149	Vuggy quartz vein	n
AFR22-41	625507	5851147	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-42	625483	5851534	Altered quartz mica schist - pyrrhotite/pyrite	y

Appendix F-R

Ace Property
2022 Rock Sample Locations & Descriptions

Sample #	UTM E	UTM N	Description	Magnetic
AFR22-43	625466	5851550	Vuggy quartz vein	n
AFR22-44	625648	5850804	Black argillite	n
AFR22-45	625668	5850787	Black argillite	n
AFR22-46	625693	5850784	Vuggy quartz vein	n
AFR22-47	625714	5850775	Vuggy quartz vein	n
AFR22-48	625735	5850761	Vuggy quartz vein	n
AFR22-49	625758	5850751	Biotite phyllite schist	n
AFR22-50	625780	5850740	Biotite phyllite schist	n
AFR22-51	625800	5850730	Altered quartz mica schist - pyrrhotite	y
AFR22-52	625824	5850727	Vuggy quartz vein	n
AFR22-53	625851	5850725	Altered quartz mica schist - pyrrhotite	y
AFR22-54	625874	5850716	Vuggy quartz vein	n
AFR22-55	625898	5850710	Vuggy quartz vein	n
AFR22-56	625922	5850701	Altered quartz mica schist - pyrrhotite	y
AFR22-57	625944	5850693	Biotite phyllite schist	y
AFR22-58	625968	5850675	Vuggy quartz vein	n
AFR22-59	625989	5850675	Vuggy quartz vein	n
AFR22-60	626012	5850666	Altered diorite intrusive	n
AFR22-61	626033	5850652	Vuggy quartz vein	n
AFR22-62	626057	5850642	Vuggy quartz vein	n
AFR22-63	626081	5850633	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-64	626106	5850628	Black argillite	n
AFR22-65	626131	5850625	Black argillite	n
AFR22-66	626156	5850622	Black argillite	n
AFR22-67	626183	5850620	Vuggy quartz vein	n
AFR22-68	626184	5850637	Vuggy quartz vein	n
AFR22-69	626167	5850652	Vuggy quartz vein	n
AFR22-70	626143	5850659	Vuggy quartz vein	n
AFR22-71	626121	5850670	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-72	626100	5850684	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-73	626080	5850702	Altered diorite intrusive	n
AFR22-74	626066	5850719	Altered diorite intrusive	n
AFR22-75	626050	5850739	Altered diorite intrusive	n
AFR22-76	626032	5850756	Biotite schist	n
AFR22-77	626010	5850770	Vuggy quartz vein	n
AFR22-78	625986	5850784	Quartz vein - barren	n
AFR22-79	625965	5850797	Quartz vein - barren	n
AFR22-80	625946	5850811	Vuggy quartz vein	n
AFR22-81	625926	5850827	Altered quartz mica schist - pyrite	n
AFR22-82	625904	5850838	Biotite schist	n
AFR22-83	625880	5850847	Altered quartz mica schist - pyrite	n
AFR22-84	625864	5850861	Quartz vein	n

Appendix F-R

Ace Property
2022 Rock Sample Locations & Descriptions

Sample #	UTM E	UTM N	Description	Magnetic
AFR22-85	625847	5850883	Vuggy quartz vein	n
AFR22-86	625827	5850898	Altered quartz mica schist - pyrrhotite/pyrite	y
AFR22-87	625808	5850914	Quartz vein	n
AFR22-88	625788	5850929	Altered quartz mica schist - pyrite	n
AFR22-89	625770	5850941	Vuggy quartz vein	n
AFR22-90	625749	5850952	Black argillite	n
AFR22-91	625723	5850964	Altered quartz mica schist - pyrite	n
AFR22-92	625700	5850971	Altered quartz biotite schist	n
AFR22-93	625677	5850982	Altered quartz mica schist - pyrite	n
AFR22-94	625654	5850997	Black argillite	n
AFR22-95	625634	5851008	Vuggy quartz vein	n
AFR22-96	625616	5851024	Black argillite	n
AFR22-97	625595	5851037	Vuggy quartz vein	n
AFR22-98	625574	5851050	Black argillite	n
AFR22-99	625551	5851058	Altered quartz mica schist - pyrite	n
AFR22-100	625526	5851061	Vuggy quartz vein minor sulphide	n
AFR22-101	625512	5851079	Altered quartz mica schist - pyrite	n
AFR22-102	625496	5851097	Altered quartz mica schist - pyrite	n
AFR22-103	625472	5851106	Vuggy quartz vein	n

APPENDIX F-S

Soil Sample Locations

Appendix F-S

Ace Property - 2022 Soil Sample Locations

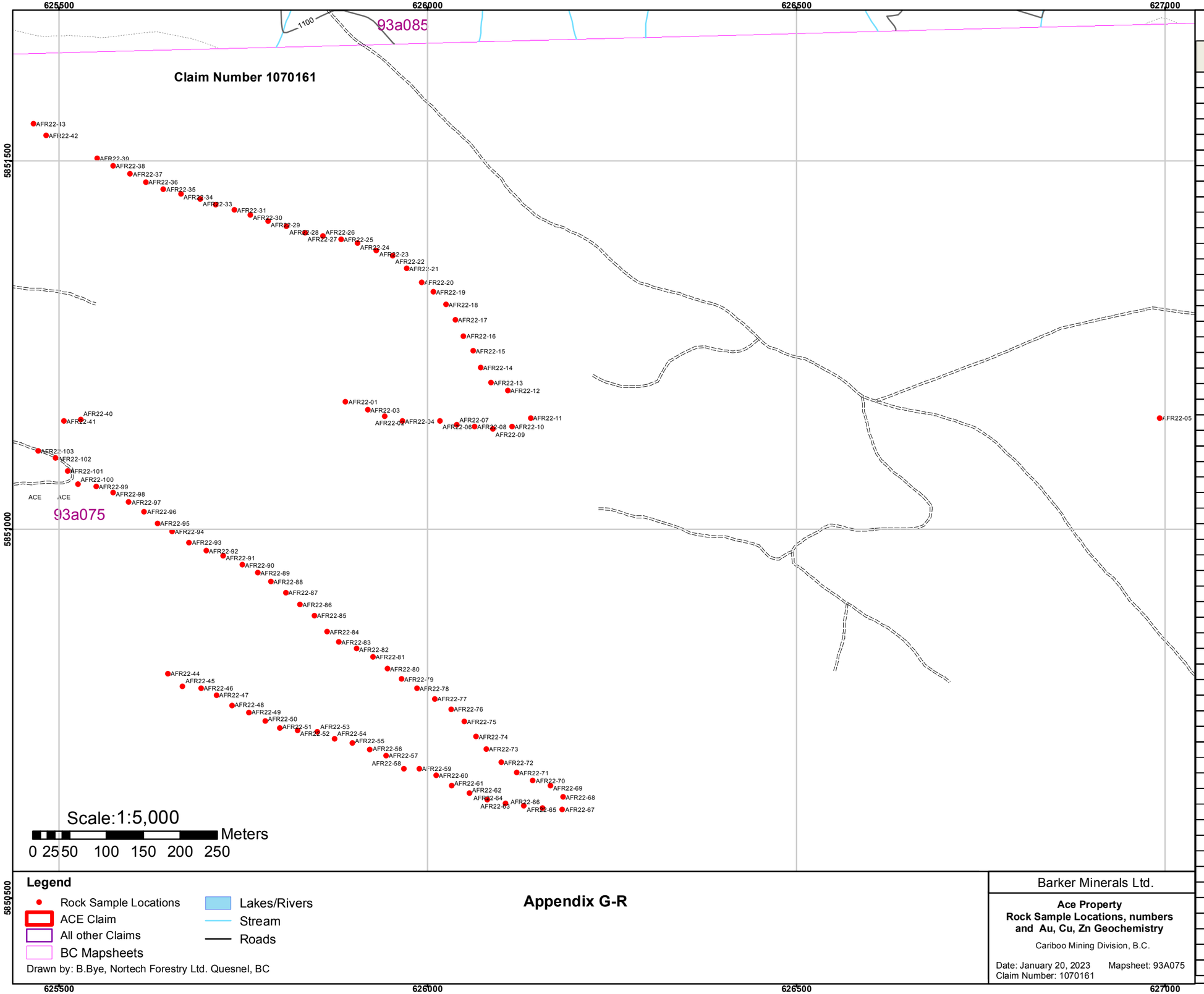
Sample #	UTM E	UTM N
AFS22-01	625889	5851173
AFS22-02	625942	5851153
AFS22-03	625919	5851162
AFS22-04	625966	5851147
AFS22-05	626993	5851151
AFS22-06	626017	5851147
AFS22-07	626040	5851142
AFS22-08	626064	5851139
AFS22-09	626089	5851136
AFS22-10	626115	5851139
AFS22-11	626140	5851151
AFS22-12	626109	5851188
AFS22-13	626086	5851199
AFS22-14	626072	5851219
AFS22-15	626062	5851242
AFS22-16	626049	5851262
AFS22-17	626038	5851284
AFS22-18	626025	5851305
AFS22-19	626008	5851322
AFS22-20	625992	5851335
AFS22-21	625972	5851354
AFS22-22	625953	5851371
AFS22-23	625931	5851378
AFS22-24	625905	5851388
AFS22-25	625883	5851393
AFS22-26	625858	5851398
AFS22-27	625834	5851402
AFS22-28	625809	5851411
AFS22-29	625784	5851418
AFS22-30	625760	5851426
AFS22-31	625738	5851433
AFS22-32	625713	5851440
AFS22-33	625692	5851448
AFS22-34	625666	5851455
AFS22-35	625642	5851461
AFS22-36	625618	5851471
AFS22-37	625597	5851482
AFS22-38	625574	5851493
AFS22-39	625552	5851503
AFS22-40	625530	5851149
AFS22-41	625507	5851147
AFS22-42	625483	5851534
AFS22-43	625466	5851550
AFS22-44	625648	5850804
AFS22-45	625668	5850787
AFS22-46	625693	5850784
AFS22-47	625714	5850775
AFS22-48	625735	5850761
AFS22-49	625758	5850751
AFS22-50	625780	5850740
AFS22-51	625800	5850730
AFS22-52	625824	5850727
AFS22-53	625851	5850725
AFS22-54	625874	5850716
AFS22-55	625898	5850710
AFS22-56	625922	5850701
AFS22-57	625944	5850693
AFS22-58	625968	5850675
AFS22-59	625989	5850675
AFS22-60	626012	5850666
AFS22-61	626033	5850652
AFS22-62	626057	5850642
AFS22-63	626081	5850633
AFS22-64	626106	5850628
AFS22-65	626131	5850625
AFS22-66	626156	5850622
AFS22-67	626183	5850620
AFS22-68	626184	5850637
AFS22-69	626167	5850652
AFS22-70	626143	5850659
AFS22-71	626121	5850670
AFS22-72	626100	5850684
AFS22-73	626080	5850702
AFS22-74	626066	5850719
AFS22-75	626050	5850739
AFS22-76	626032	5850756
AFS22-77	626010	5850770
AFS22-78	625986	5850784
AFS22-79	625965	5850797
AFS22-80	625946	5850811
AFS22-81	625926	5850827
AFS22-82	625904	5850838
AFS22-83	625880	5850847
AFS22-84	625864	5850861
AFS22-85	625847	5850883
AFS22-86	625827	5850898
AFS22-87	625808	5850914
AFS22-88	625788	5850929
AFS22-89	625770	5850941
AFS22-90	625749	5850952
AFS22-91	625723	5850964
AFS22-92	625700	5850971
AFS22-93	625677	5850982
AFS22-94	625654	5850997
AFS22-95	625634	5851008
AFS22-96	625616	5851024
AFS22-97	625595	5851037
AFS22-98	625574	5851050
AFS22-99	625551	5851058
AFS22-100	625526	5851061
AFS22-101	625512	5851079
AFS22-102	625496	5851097
AFS22-103	625472	5851106

APPENDIX G

Geochemical Map and XRF Sample Results

APPENDIX G-R

Rock Sample Geochemical Map and XRF Results



Legend

- Rock Sample Locations
- ACE Claim
- All other Claims
- BC Mapsheets
- Lakes/Rivers
- Stream
- Roads

Drawn by: B.Bye, Nortech Forestry Ltd. Quesnel, BC

Appendix G-R

Barker Minerals Ltd.

Ace Property
Rock Sample Locations, numbers and Au, Cu, Zn Geochemistry

Cariboo Mining Division, B.C.

Date: January 20, 2023 Mapsheet: 93A075
Claim Number: 1070161

Ace Property AFS22
Rock Samples Locations and XRF Results (ppm)

XRF	Au (ppm)	Cu (ppm)	Zn (ppm)	XRF	Au (ppm)	Cu (ppm)	Zn (ppm)
AFR22-01	0	32.06	123.5	AFR22-60	0	0	0
AFR22-02	0	0	0	AFR22-61	0	0	13.87
AFR22-03	0	48.19	122.2	AFR22-62	0	107.84	13.42
AFR22-04	0	111.7	47.19	AFR22-63	0	0	15.32
AFR22-05	0	0	0	AFR22-64	0	0	0
AFR22-06	0	72.01	24.83	AFR22-65	0	50.05	26.86
AFR22-07	11.42	126.1	48.17	AFR22-66	0	178.48	0
AFR22-08	0	0	49.77	AFR22-67	0	48.98	0
AFR22-09	0	38.34	93.71	AFR22-68	0	79.39	0
AFR22-10	0	0	27.9	AFR22-69	0	15.01	0
AFR22-11	0	0	0	AFR22-70	0	0	0
AFR22-12	0	142.1	82.61	AFR22-71	0	98.83	72.55
AFR22-13	0	0	27.53	AFR22-72	0	0	0
AFR22-14	0	114.5	353.3	AFR22-73	0	0	12.13
AFR22-15	0	0	67.99	AFR22-74	0	347.39	0
AFR22-16	0	0	29.23	AFR22-75	0	56.1	50.57
AFR22-17	0	0	0	AFR22-76	0	0	68.61
AFR22-18	0	24.16	60.12	AFR22-77	0	44.72	25.15
AFR22-19	0	237.5	14.58	AFR22-78	0	56.68	113.54
AFR22-20	0	189.8	93.66	AFR22-79	0	1132.05	39.49
AFR22-21	0	0	0	AFR22-80	0	0	93.33
AFR22-22	0	0	61.62	AFR22-81	0	263.51	103.99
AFR22-23	0	28.52	0	AFR22-82	0	95.57	65.12
AFR22-24	0	33.5	75.32	AFR22-83	0	55.19	80.75
AFR22-25	0	50.52	34.31	AFR22-84	0	0	18.02
AFR22-26	0	15.94	0	AFR22-85	0	111.25	43.62
AFR22-27	0	58.88	0	AFR22-86	0	24.29	78.25
AFR22-28	0	0	0	AFR22-87	0	88.17	0
AFR22-29	0	107.3	10.5	AFR22-88	0	190.93	0
AFR22-30	10.4	200	54.05	AFR22-89	14.3	50.85	90.99
AFR22-31	0	33.68	0	AFR22-90	0	19.92	0
AFR22-32	0	0	40.69	AFR22-91	0	18.92	21.24
AFR22-33	0	0	0	AFR22-92	0	43.31	39.63
AFR22-34	0	19.1	62.31	AFR22-93	0	0	25.98
AFR22-35	0	0	15.64	AFR22-94	0	0	0
AFR22-36	0	0	0	AFR22-95	0	26.36	30.89
AFR22-37	0	30.27	49.44	AFR22-96	0	391.04	48.84
AFR22-38	0	51.09	151.2	AFR22-97	0	225.97	0
AFR22-39	10.09	31.3	51.04	AFR22-98	0	112.56	22.85
AFR22-40	0	27.78	0	AFR22-99	0	0	57.84
AFR22-41	0	75.74	32.46	AFR22-100	11.18	348.45	231.61
AFR22-42	0	30.31	46.53	AFR22-101	0	0	0
AFR22-43	0	0	62.51	AFR22-102	0	89.59	69.23
AFR22-44	0	27.26	0	AFR22-103	0	280.19	0
AFR22-45	0	20.06	0				
AFR22-46	0	1562	217.7				
AFR22-47	0	0	0				
AFR22-48	0	86.52	53.68				
AFR22-49	0	136.5	0				
AFR22-50	0	0	0				
AFR22-51	0	164.9	52.36				
AFR22-52	0	35.66	24.23				
AFR22-53	0	20.09	0				
AFR22-54	0	0	15.3				
AFR22-55	0	94.66	43.27				
AFR22-56	0	29.07	0				
AFR22-57	0	108.4	52.02				
AFR22-58	0	54.3	38.63				

Results below level of detection are not shown
Zn, Cu results over 100 ppm marked in red.
See table No. ___ for XRF results.

N

Map Datum: NAD83
Zone: 10

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFR22-01	ppm	< LOD	16.09	1202.71	17.1	4.45	< LOD	< LOD	< LOD	13.67	< LOD	< LOD
AFR22-02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-03	ppm	< LOD	80.52	140.83	< LOD	164.17	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-04	ppm	8.44	45.63	100.13	< LOD	29.4	16.48	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-05	ppm	< LOD	2.66	28.69	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-06	ppm	< LOD	29.15	15.67	< LOD	21.31	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-07	ppm	< LOD	80.65	391.8	14.46	19.8	6.07	< LOD	< LOD	32.19	< LOD	11.42
AFR22-08	ppm	< LOD	276.51	256.6	8.45	15.68	17.65	20.79	< LOD	< LOD	< LOD	< LOD
AFR22-09	ppm	< LOD	< LOD	8	< LOD	13.44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-10	ppm	< LOD	37.47	36.84	< LOD	12.93	< LOD	11.54	< LOD	< LOD	< LOD	< LOD
AFR22-11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-12	ppm	< LOD	255.19	609.64	13.78	49.38	28.72	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-13	ppm	< LOD	132.71	160.97	< LOD	22.82	19.24	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-14	ppm	< LOD	162.36	91.3	< LOD	63.6	15.14	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-15	ppm	< LOD	147.66	189.07	< LOD	42.29	21	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-16	ppm	< LOD	31.14	199.78	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-17	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-18	ppm	< LOD	76.62	159.95	< LOD	12.92	4.87	< LOD	< LOD	< LOD	8.86	< LOD
AFR22-19	ppm	< LOD	< LOD	2.34	< LOD	< LOD	< LOD	15.99	< LOD	< LOD	< LOD	< LOD
AFR22-20	ppm	< LOD	< LOD	125.12	9.1	72.09	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-21	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-22	ppm	< LOD	71.06	150.59	< LOD	40.53	21.78	< LOD	< LOD	7.77	< LOD	< LOD
AFR22-23	ppm	< LOD	< LOD	4.42	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-24	ppm	< LOD	89.21	350.42	< LOD	32.16	23.75	< LOD	< LOD	10.74	< LOD	< LOD
AFR22-25	ppm	< LOD	136.9	140.95	< LOD	24.83	20.77	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-26	ppm	< LOD	9.51	21.07	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-27	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-28	ppm	< LOD	< LOD	29.95	< LOD	5.1	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-29	ppm	< LOD	166.8	234.99	8.25	8.47	6.49	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-30	ppm	< LOD	22.63	144.48	< LOD	42.91	< LOD	< LOD	< LOD	< LOD	< LOD	10.4
AFR22-31	ppm	< LOD	< LOD	481.34	< LOD	4.57	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-32	ppm	< LOD	26.41	947.98	13.12	< LOD	22.84	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-33	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-34	ppm	< LOD	161.06	15.34	< LOD	18.56	51.6	19.68	< LOD	< LOD	9.28	< LOD
AFR22-35	ppm	< LOD	6.62	12.51	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-36	ppm	< LOD	15.56	7.94	< LOD	3.67	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-37	ppm	< LOD	134.48	124.89	< LOD	16.51	8.92	< LOD	< LOD	27.66	< LOD	< LOD
AFR22-38	ppm	< LOD	137.17	44.6	< LOD	48.34	< LOD	< LOD	< LOD	29.81	< LOD	< LOD
AFR22-39	ppm	< LOD	400.01	217.07	12.9	96.15	9.73	< LOD	< LOD	< LOD	< LOD	10.09
AFR22-40	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-41	ppm	< LOD	52.33	298.37	< LOD	13.47	< LOD	< LOD	< LOD	51.7	< LOD	< LOD
AFR22-42	ppm	< LOD	91.95	305.65	10.23	22.25	< LOD	< LOD	< LOD	38.63	< LOD	< LOD
AFR22-43	ppm	< LOD	57.12	848.55	10.69	2.53	23.37	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-44	ppm	< LOD	5.58	34.46	< LOD	1.66	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-45	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-46	ppm	< LOD	< LOD	11.9	< LOD	5.91	< LOD	377.32	< LOD	14.04	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFR22-47	ppm	< LOD	< LOD	448.28	11.45	9	< LOD	< LOD	< LOD	5.27	< LOD	< LOD
AFR22-48	ppm	< LOD	38.51	445.02	< LOD	19.21	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-49	ppm	< LOD	14.71	88.54	8.3	3.37	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-50	ppm	< LOD	3.28	7.47	< LOD	6.51	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-51	ppm	< LOD	37.35	445.61	< LOD	32.24	13.27	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-52	ppm	< LOD	< LOD	26.21	< LOD	< LOD	14.19	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-53	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-54	ppm	< LOD	64.44	659.35	13.65	16.34	16.69	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-55	ppm	< LOD	48.52	980.18	12.11	12.39	22.06	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-56	ppm	< LOD	11.15	32.84	< LOD	3.29	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-57	ppm	< LOD	35.89	495.7	10.28	12.53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-58	ppm	< LOD	380.03	79.48	< LOD	74	29.38	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-59	ppm	< LOD	69.12	41.81	< LOD	6.51	13.13	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-60	ppm	< LOD	< LOD	843.12	< LOD	< LOD	23.28	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-61	ppm	< LOD	< LOD	2.99	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-62	ppm	< LOD	< LOD	3.59	< LOD	2.47	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-63	ppm	< LOD	< LOD	2.1	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-64	ppm	< LOD	< LOD	< LOD	< LOD	5.79	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-65	ppm	< LOD	21.7	27.53	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-66	ppm	< LOD	6.3	10.73	< LOD	3.6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-67	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-68	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-69	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-70	ppm	< LOD	72.24	27.19	< LOD	46.67	15.06	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-71	ppm	5.08	5.94	6.09	10.47	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-72	ppm	< LOD	3.36	13.03	< LOD	4.77	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-73	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-74	ppm	6.35	< LOD	< LOD	10.31	< LOD	20.72	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-75	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-76	ppm	4.37	< LOD	90.9	< LOD	< LOD	12.89	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-77	ppm	< LOD	127.96	54.3	< LOD	100.46	27.31	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-78	ppm	< LOD	47.74	48.69	24.82	59.75	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-79	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	26.21	< LOD	< LOD	< LOD	< LOD
AFR22-80	ppm	< LOD	44.59	215.78	< LOD	34.52	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-81	ppm	< LOD	125.33	87.49	< LOD	14.66	13.7	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-82	ppm	< LOD	< LOD	37.44	< LOD	9.24	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-83	ppm	< LOD	72.99	390.37	< LOD	11.35	14.55	< LOD	< LOD	< LOD	13.55	< LOD
AFR22-84	ppm	< LOD	107.17	34.7	< LOD	8.85	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-85	ppm	< LOD	33.76	510.91	< LOD	13.61	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-86	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-87	ppm	< LOD	15.15	5.29	< LOD	4.13	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-88	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	8.63	< LOD
AFR22-89	ppm	< LOD	98.55	13.85	< LOD	32.69	< LOD	32.72	< LOD	< LOD	11.54	14.3
AFR22-90	ppm	< LOD	17.9	4.4	< LOD	2.18	4.69	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-91	ppm	< LOD	20.36	13.75	< LOD	11.39	< LOD	< LOD	< LOD	< LOD	7.78	< LOD
AFR22-92	ppm	< LOD	49.55	365.03	< LOD	8.57	15.59	< LOD	< LOD	< LOD	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFR22-93	ppm	< LOD	169.35	53.72	< LOD	27.53	12.39	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-94	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-95	ppm	< LOD	326.31	148.98	< LOD	72.89	29.37	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-96	ppm	< LOD	113.06	34.6	< LOD	36.26	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-97	ppm	< LOD	< LOD	1.85	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-98	ppm	< LOD	< LOD	2.26	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-99	ppm	< LOD	< LOD	16.08	< LOD	2.08	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-100	ppm	< LOD	204.1	33.9	< LOD	84.44	49.73	51.79	< LOD	36.24	< LOD	11.18
AFR22-101	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-102	ppm	< LOD	117.07	45.4	< LOD	49.44	< LOD	< LOD	< LOD	52.84	< LOD	< LOD
AFR22-103	ppm	< LOD	< LOD	2.36	< LOD	1.83	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V	Ti
AFR22-01	123.54	< LOD	32.06	158.45	< LOD	139765.34	3426.14	< LOD	168.85	1542.88
AFR22-02	< LOD	< LOD	< LOD	< LOD	< LOD	1014.55	1257.74	116.43	< LOD	51.53
AFR22-03	122.21	< LOD	48.19	< LOD	< LOD	76988.98	< LOD	52.2	130.09	3609.35
AFR22-04	47.19	< LOD	111.73	< LOD	< LOD	38313.37	1338.3	58.11	51.45	1404.3
AFR22-05	< LOD	< LOD	< LOD	< LOD	< LOD	5335.8	< LOD	< LOD	< LOD	851.72
AFR22-06	24.83	< LOD	72.01	< LOD	< LOD	17759.86	453.61	81.71	44.59	1676.39
AFR22-07	48.17	< LOD	126.12	255.5	< LOD	45619.48	1028.04	461.65	165	9079.76
AFR22-08	49.77	< LOD	< LOD	< LOD	< LOD	14063.55	98.93	93.93	< LOD	2897.13
AFR22-09	93.71	< LOD	38.34	< LOD	< LOD	105625	< LOD	< LOD	< LOD	5270.18
AFR22-10	27.9	< LOD	< LOD	< LOD	< LOD	21532.62	< LOD	75.28	37.79	1252.34
AFR22-11	< LOD	< LOD	< LOD	< LOD	< LOD	239.67	< LOD	106.9	< LOD	< LOD
AFR22-12	82.61	< LOD	142.08	< LOD	< LOD	55720.34	< LOD	36.39	291.87	1806.07
AFR22-13	27.53	< LOD	< LOD	235.99	< LOD	154955.41	815.17	74.6	81.66	2810.19
AFR22-14	353.27	< LOD	114.5	< LOD	< LOD	102134.1	< LOD	137.97	159.71	4230.45
AFR22-15	67.99	< LOD	< LOD	< LOD	< LOD	22897.01	< LOD	100	< LOD	2070.7
AFR22-16	29.23	< LOD	< LOD	< LOD	< LOD	119933.86	2804.24	38.12	< LOD	208.66
AFR22-17	< LOD	< LOD	< LOD	< LOD	< LOD	231.13	444.22	88	< LOD	< LOD
AFR22-18	60.12	< LOD	24.16	< LOD	< LOD	10656.99	645.83	72.41	25.08	803.79
AFR22-19	14.58	< LOD	237.46	294.32	< LOD	233552.64	1080.63	< LOD	< LOD	< LOD
AFR22-20	93.66	< LOD	189.82	82.8	< LOD	83405.38	< LOD	133.35	220.35	5216.17
AFR22-21	< LOD	< LOD	< LOD	< LOD	< LOD	2375.15	< LOD	27.13	< LOD	< LOD
AFR22-22	61.62	< LOD	< LOD	< LOD	< LOD	26748.64	< LOD	88.37	70.14	1045.69
AFR22-23	< LOD	< LOD	28.52	104.16	< LOD	77769.88	213.76	< LOD	124.55	1301.89
AFR22-24	75.32	< LOD	33.5	< LOD	< LOD	34527.96	< LOD	88.34	108.7	1826.94
AFR22-25	34.31	< LOD	50.52	90.2	< LOD	128635.25	< LOD	141.98	104.86	3626.39
AFR22-26	< LOD	< LOD	15.94	< LOD	< LOD	3445.29	149.2	< LOD	< LOD	< LOD
AFR22-27	< LOD	< LOD	58.88	< LOD	< LOD	38024.03	155.44	67.08	< LOD	< LOD
AFR22-28	< LOD	< LOD	< LOD	< LOD	< LOD	26695.01	361.32	< LOD	< LOD	278.82
AFR22-29	10.5	< LOD	107.32	< LOD	< LOD	8348.39	107.65	56.25	70.06	3611.34
AFR22-30	54.05	< LOD	199.95	< LOD	< LOD	47483.55	< LOD	99	124.76	3151.67
AFR22-31	< LOD	< LOD	33.68	< LOD	< LOD	5851.03	1915.3	100.03	< LOD	127.42
AFR22-32	40.69	< LOD	< LOD	< LOD	< LOD	67324.02	2659.75	38.59	136.28	724.61
AFR22-33	< LOD	< LOD	< LOD	< LOD	< LOD	2153.55	< LOD	< LOD	< LOD	371.08
AFR22-34	62.31	< LOD	19.1	< LOD	< LOD	15652.61	232.75	151.12	61.26	1241.18
AFR22-35	15.64	< LOD	< LOD	< LOD	< LOD	28528.79	241.79	67	< LOD	76.75
AFR22-36	< LOD	< LOD	< LOD	< LOD	< LOD	2189.48	< LOD	< LOD	< LOD	< LOD
AFR22-37	49.44	< LOD	30.27	130.6	< LOD	75156.66	2328.92	140.09	234.43	8376.91
AFR22-38	151.19	< LOD	51.09	< LOD	< LOD	104832.83	< LOD	143.36	211.59	6376.53
AFR22-39	51.04	< LOD	31.3	124.22	< LOD	33224.68	2256.8	< LOD	< LOD	2194.54
AFR22-40	< LOD	< LOD	27.78	< LOD	< LOD	12796.22	< LOD	< LOD	< LOD	< LOD
AFR22-41	32.46	< LOD	75.74	104.52	< LOD	50945.77	< LOD	471	< LOD	3902.78
AFR22-42	46.53	< LOD	30.31	< LOD	< LOD	66911.98	< LOD	484.12	162.76	8736.38
AFR22-43	62.51	< LOD	< LOD	< LOD	< LOD	82298.33	3688.38	24.19	173.84	772.98
AFR22-44	< LOD	< LOD	27.26	< LOD	< LOD	2260.43	170.24	13.63	41.3	< LOD
AFR22-45	< LOD	< LOD	20.06	< LOD	< LOD	6926.89	98.25	140.93	< LOD	28.63
AFR22-46	217.69	< LOD	1561.8	192.17	< LOD	173884.19	10138.85	< LOD	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V	Ti
AFR22-47	< LOD	< LOD	< LOD	< LOD	< LOD	7633.75	2198.26	35.85	< LOD	< LOD
AFR22-48	53.68	< LOD	86.52	< LOD	< LOD	58604.44	< LOD	118.06	122.82	1437.77
AFR22-49	< LOD	< LOD	136.46	57.1	< LOD	61722.66	5381.02	< LOD	< LOD	< LOD
AFR22-50	< LOD	< LOD	< LOD	< LOD	< LOD	7173.87	94.82	73.8	28.42	535.36
AFR22-51	52.36	< LOD	164.88	< LOD	< LOD	71638.91	< LOD	127.63	118.58	2323.98
AFR22-52	24.23	< LOD	35.66	< LOD	< LOD	20222.43	290.86	102.1	< LOD	< LOD
AFR22-53	< LOD	< LOD	20.09	< LOD	< LOD	24501	147.53	32.54	23.78	< LOD
AFR22-54	15.3	< LOD	< LOD	< LOD	< LOD	29207.04	< LOD	63.62	57.25	1268.04
AFR22-55	43.27	< LOD	94.66	< LOD	< LOD	50258.91	< LOD	19.35	137.17	2136.67
AFR22-56	< LOD	< LOD	29.07	< LOD	< LOD	6030.96	141.48	< LOD	38.73	345.04
AFR22-57	52.02	< LOD	108.4	< LOD	< LOD	55188.05	< LOD	85.57	91.43	860.19
AFR22-58	38.63	< LOD	54.3	< LOD	< LOD	49862.8	< LOD	162.4	98.16	3627.2
AFR22-59	35.16	< LOD	< LOD	132.07	< LOD	132686.27	1170.95	< LOD	< LOD	< LOD
AFR22-60	< LOD	< LOD	< LOD	< LOD	< LOD	8894.27	< LOD	31.6	22.34	< LOD
AFR22-61	13.87	< LOD	< LOD	< LOD	< LOD	16335.47	5206.5	74.07	< LOD	< LOD
AFR22-62	13.42	< LOD	107.84	< LOD	< LOD	11086.66	1200.51	51.57	< LOD	648.93
AFR22-63	15.32	< LOD	< LOD	< LOD	< LOD	30678.82	2986.49	48.5	< LOD	< LOD
AFR22-64	< LOD	< LOD	< LOD	< LOD	< LOD	2130.34	125.4	44.38	63.08	165.86
AFR22-65	26.86	< LOD	50.05	141.49	< LOD	131431.31	980.02	67.8	< LOD	< LOD
AFR22-66	< LOD	< LOD	178.48	< LOD	< LOD	165441.91	< LOD	43.42	< LOD	< LOD
AFR22-67	< LOD	< LOD	48.98	< LOD	< LOD	80938.5	< LOD	158.81	< LOD	< LOD
AFR22-68	< LOD	< LOD	79.39	111.88	< LOD	64940.07	115.5	173.27	< LOD	< LOD
AFR22-69	< LOD	< LOD	15.01	< LOD	< LOD	816.68	56.86	119.57	< LOD	64.14
AFR22-70	< LOD	< LOD	< LOD	< LOD	< LOD	19087.61	< LOD	55.58	33.88	245.76
AFR22-71	72.55	< LOD	98.83	394.74	< LOD	251794.64	11617.58	< LOD	< LOD	< LOD
AFR22-72	< LOD	< LOD	< LOD	< LOD	< LOD	3988.39	70.57	120.8	< LOD	137.22
AFR22-73	12.13	< LOD	< LOD	< LOD	< LOD	7363.56	526.78	57.83	< LOD	< LOD
AFR22-74	< LOD	< LOD	347.39	605.11	< LOD	219348.73	< LOD	61.65	< LOD	< LOD
AFR22-75	50.57	< LOD	56.1	273.51	< LOD	214763.34	9645.94	< LOD	< LOD	< LOD
AFR22-76	68.61	< LOD	< LOD	129.21	< LOD	154363.56	7214.12	< LOD	< LOD	< LOD
AFR22-77	25.15	< LOD	44.72	100.41	< LOD	22258.18	3425.98	126.8	261.53	2893.07
AFR22-78	113.54	< LOD	56.68	< LOD	< LOD	175791.19	5621.39	93.18	195.53	2800.28
AFR22-79	39.49	< LOD	1132.05	249.03	< LOD	271278.91	3129.94	< LOD	< LOD	< LOD
AFR22-80	93.33	< LOD	< LOD	< LOD	< LOD	94519.63	4117.65	241.71	199.21	2379.01
AFR22-81	103.99	< LOD	263.51	98.92	< LOD	151039.06	< LOD	65.9	58.87	1273.57
AFR22-82	65.12	< LOD	95.57	246.09	< LOD	288774.81	27842.57	< LOD	< LOD	< LOD
AFR22-83	80.75	< LOD	55.19	110.41	< LOD	112540.42	1984.11	51.43	265.61	3802.63
AFR22-84	18.02	< LOD	< LOD	< LOD	< LOD	28900.6	< LOD	77.81	29.04	580.26
AFR22-85	43.62	< LOD	111.25	< LOD	< LOD	40231.73	< LOD	65.11	34.43	312.84
AFR22-86	78.25	< LOD	24.29	< LOD	< LOD	84639.68	1185.08	452.6	456.51	1196.73
AFR22-87	< LOD	< LOD	88.17	< LOD	< LOD	6708.28	4583.46	< LOD	< LOD	150.48
AFR22-88	< LOD	< LOD	190.93	< LOD	< LOD	54946.19	120.93	28.43	< LOD	< LOD
AFR22-89	90.99	< LOD	50.85	569.24	< LOD	317573.75	29923.23	< LOD	< LOD	1039.11
AFR22-90	< LOD	< LOD	19.92	< LOD	< LOD	4105.05	264.53	92.72	61.88	1361.81
AFR22-91	21.24	< LOD	18.92	< LOD	< LOD	26685.05	655.89	162.7	< LOD	1243.59
AFR22-92	39.63	< LOD	43.31	< LOD	< LOD	72088.38	< LOD	53.42	129.43	1247.39

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V	Ti
AFR22-93	25.98	< LOD	< LOD	< LOD	< LOD	28197.92	< LOD	96.43	50.07	1295.46
AFR22-94	< LOD	< LOD	< LOD	< LOD	< LOD	3694.46	< LOD	81.21	< LOD	< LOD
AFR22-95	30.89	< LOD	26.36	< LOD	< LOD	22842.21	645.12	218.17	157.7	3764.78
AFR22-96	48.84	< LOD	391.04	381.43	< LOD	54310.2	4214.34	< LOD	< LOD	< LOD
AFR22-97	< LOD	< LOD	225.97	< LOD	< LOD	42549.84	< LOD	78.53	< LOD	< LOD
AFR22-98	22.85	< LOD	112.56	< LOD	< LOD	140697.73	< LOD	< LOD	< LOD	< LOD
AFR22-99	57.84	< LOD	< LOD	147.59	< LOD	164643.33	18840.04	36.86	107.43	< LOD
AFR22-100	231.61	< LOD	348.45	400.37	< LOD	185779.31	2630.17	124.74	124.05	5373.73
AFR22-101	< LOD	< LOD	< LOD	< LOD	< LOD	732.85	< LOD	< LOD	< LOD	87.43
AFR22-102	69.23	< LOD	89.59	< LOD	< LOD	79552.42	3674.21	138.12	174.22	5957.77
AFR22-103	< LOD	< LOD	280.19	< LOD	< LOD	29761.55	7507.9	108.74	23.36	533.8

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Sc	Ca	K	S	Ba	Cs	Te	Sb	Sn	Cd	Ag
AFR22-01	94.77	22304.99	4777.64	< LOD	411.87	281.67	335.18	< LOD	< LOD	< LOD	104.91
AFR22-02	< LOD	267.41	398.1	< LOD	112.52	63.89	105.01	< LOD	< LOD	< LOD	106.43
AFR22-03	41.35	22145.69	20535.61	< LOD	851.9	111.23	127.62	< LOD	38.41	< LOD	197.08
AFR22-04	85.84	56333.42	3926.45	< LOD	632.01	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-05	< LOD	2033.74	4113.84	< LOD	107.96	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-06	11.66	2340.54	7980.27	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-07	289.71	111499.88	12768.22	< LOD	3271.4	83.36	< LOD	< LOD	< LOD	< LOD	117.45
AFR22-08	9.14	1056.26	4131.02	< LOD	371.56	36	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-09	< LOD	1342.83	5517.48	< LOD	316.14	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-10	< LOD	2168.95	3917.4	< LOD	197.37	93.65	111.65	39.48	< LOD	< LOD	158.87
AFR22-11	< LOD	108.12	142.98	< LOD	86.7	87.62	135.03	38.95	< LOD	< LOD	101.39
AFR22-12	< LOD	1602.77	17801.51	< LOD	598.82	77.01	109.93	< LOD	< LOD	< LOD	101.94
AFR22-13	< LOD	2882.77	5517.68	< LOD	788.41	197.41	232.36	< LOD	< LOD	< LOD	246.54
AFR22-14	< LOD	881.68	15880.11	< LOD	835.46	63.77	< LOD	24.68	< LOD	< LOD	100.11
AFR22-15	< LOD	752.99	7075.01	< LOD	967.03	67.1	60.63	< LOD	< LOD	< LOD	< LOD
AFR22-16	< LOD	697.65	2170.43	< LOD	212.6	176.51	221.25	77.92	80.73	< LOD	197.01
AFR22-17	< LOD	224.8	108.92	< LOD	136.64	89.85	94.46	36.3	< LOD	< LOD	117.55
AFR22-18	6.64	1423.43	1433.83	< LOD	360.17	135.7	172.44	< LOD	58.04	< LOD	173.7
AFR22-19	< LOD	845.04	1784.81	< LOD	286.35	266.49	345.13	< LOD	109.46	< LOD	326.78
AFR22-20	< LOD	6857.85	11858.31	< LOD	814.87	129	124.63	43.36	55.83	< LOD	181.5
AFR22-21	< LOD	214.07	150.82	< LOD	93.95	59.85	73.96	27.57	23.84	< LOD	< LOD
AFR22-22	42.7	14173.23	11634.9	< LOD	7054.38	155.74	152.97	< LOD	< LOD	< LOD	137.27
AFR22-23	< LOD	3477.81	3741.19	< LOD	148.88	127.41	176.47	< LOD	< LOD	< LOD	147.58
AFR22-24	87.36	23037.26	11871.15	< LOD	5343.69	129.84	119.12	< LOD	< LOD	< LOD	118.29
AFR22-25	< LOD	671.05	7805.35	< LOD	902.27	164.52	172.04	53.51	< LOD	< LOD	206.89
AFR22-26	< LOD	2627.42	4382.46	< LOD	103.44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-27	< LOD	139.33	< LOD	< LOD	133.13	109.77	154.65	< LOD	< LOD	< LOD	150.42
AFR22-28	< LOD	3820.92	2576.92	< LOD	185.5	110.58	129.44	< LOD	< LOD	< LOD	153.5
AFR22-29	< LOD	1531.13	3611.12	< LOD	415.6	58.91	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-30	19.72	5299.82	9483.81	< LOD	609.95	174.74	240.82	< LOD	< LOD	< LOD	253.4
AFR22-31	< LOD	397.65	1233.74	< LOD	90.07	56	74.95	< LOD	< LOD	< LOD	< LOD
AFR22-32	104.8	24523.46	1311.01	< LOD	246.86	< LOD	< LOD	< LOD	< LOD	< LOD	100.65
AFR22-33	< LOD	1757.11	4698.52	< LOD	125.83	54.76	65.05	23.38	< LOD	< LOD	< LOD
AFR22-34	< LOD	556.96	16748.1	< LOD	166	85.06	125.35	43.44	< LOD	< LOD	113.94
AFR22-35	8.41	382.56	338.79	< LOD	107.81	66.7	78.25	< LOD	21.31	< LOD	< LOD
AFR22-36	< LOD	2433.41	1575.26	< LOD	139.99	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-37	63.69	34807.63	7281.99	< LOD	758.92	53.71	< LOD	< LOD	20.24	< LOD	< LOD
AFR22-38	13.9	855.02	14064.71	< LOD	4355.06	29.63	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-39	< LOD	21109.13	11015.28	< LOD	1317.3	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-40	< LOD	132.37	117.55	< LOD	105.01	56.32	71.13	28.33	21.84	< LOD	< LOD
AFR22-41	< LOD	90590.87	6839.77	< LOD	2576.1	< LOD	< LOD	< LOD	< LOD	< LOD	101.18
AFR22-42	102.74	42573.34	8151.15	< LOD	2385.47	86.1	59.59	22.96	< LOD	< LOD	121.14
AFR22-43	108.51	27261.65	1807.18	< LOD	360.04	73.18	70.46	< LOD	23.93	< LOD	132.28
AFR22-44	< LOD	223.05	168.16	< LOD	110.61	57.59	65.09	33.93	< LOD	< LOD	< LOD
AFR22-45	< LOD	251.88	381.38	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-46	< LOD	553.98	3153.52	< LOD	181.78	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Sc	Ca	K	S	Ba	Cs	Te	Sb	Sn	Cd	Ag
AFR22-47	10.98	1109.94	2459.41	< LOD	204.18	95.61	123.97	< LOD	< LOD	< LOD	122.33
AFR22-48	99.58	27671.45	13075.98	< LOD	896.74	74.08	110.71	< LOD	< LOD	< LOD	146.99
AFR22-49	< LOD	1854.33	988.36	< LOD	226.32	< LOD	< LOD	< LOD	< LOD	< LOD	108.2
AFR22-50	< LOD	259.34	10531.96	< LOD	194.16	80.64	104.31	40.57	< LOD	< LOD	< LOD
AFR22-51	127.62	34788.92	12632.62	< LOD	1061.24	85.98	< LOD	< LOD	< LOD	< LOD	162.68
AFR22-52	< LOD	471.86	2335.94	< LOD	124.11	89.45	132.42	< LOD	< LOD	< LOD	108.09
AFR22-53	< LOD	479.94	1128.05	< LOD	149.19	92.11	111.19	< LOD	< LOD	< LOD	108.64
AFR22-54	18.34	6991.08	3000.02	< LOD	267.58	45.07	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-55	74.95	23964.25	3500.72	< LOD	341.09	52.2	68.47	< LOD	< LOD	< LOD	116.21
AFR22-56	< LOD	214.2	1530.92	< LOD	230.61	109.85	131.85	< LOD	< LOD	< LOD	150.06
AFR22-57	115.7	29085.1	3520.65	< LOD	408.89	109.16	171.81	< LOD	55.95	< LOD	159.13
AFR22-58	< LOD	923.17	18729.4	< LOD	493.42	170.98	197.02	62.61	< LOD	< LOD	201.19
AFR22-59	< LOD	891.25	1255.53	< LOD	343.42	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-60	271.45	217025.52	< LOD	< LOD	< LOD	105.05	130.77	45.29	< LOD	< LOD	183.07
AFR22-61	< LOD	656.65	145.43	< LOD	111.71	102.28	151.74	< LOD	< LOD	< LOD	135.27
AFR22-62	< LOD	400.76	6931.9	< LOD	137.27	96.69	133.72	< LOD	< LOD	< LOD	114.43
AFR22-63	18.29	5330.58	129.37	< LOD	91.79	132.18	219.78	< LOD	< LOD	< LOD	163.45
AFR22-64	< LOD	< LOD	7662.49	< LOD	270.42	75.04	131.53	< LOD	< LOD	< LOD	112.04
AFR22-65	13.84	281.65	519.92	< LOD	232.72	168.64	244.02	< LOD	< LOD	< LOD	195.6
AFR22-66	< LOD	476.7	1672.35	< LOD	334.7	85.1	108.14	32.65	< LOD	< LOD	149.13
AFR22-67	< LOD	1086.95	233.05	< LOD	135.78	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-68	< LOD	< LOD	279.09	< LOD	117.21	146.12	223.16	< LOD	< LOD	< LOD	167.71
AFR22-69	< LOD	180.82	1280.76	< LOD	76.22	75.47	124.59	< LOD	< LOD	< LOD	< LOD
AFR22-70	< LOD	322.95	4866.43	< LOD	720.42	68.4	80.55	< LOD	< LOD	< LOD	107.63
AFR22-71	< LOD	817.82	342.04	< LOD	295.91	537.85	766.63	< LOD	< LOD	< LOD	544.25
AFR22-72	< LOD	199.98	1058.31	< LOD	162.12	76.06	102.68	< LOD	< LOD	< LOD	< LOD
AFR22-73	< LOD	573.21	422.27	< LOD	99.77	78.18	103.74	32.86	< LOD	< LOD	104.28
AFR22-74	< LOD	208.44	< LOD	< LOD	164.15	< LOD	< LOD	< LOD	< LOD	< LOD	153.55
AFR22-75	< LOD	466.03	352.4	< LOD	244.31	375.15	546.7	< LOD	< LOD	< LOD	417.65
AFR22-76	465.53	206641.02	< LOD	< LOD	409.12	66.5	< LOD	< LOD	< LOD	< LOD	179.12
AFR22-77	< LOD	669.6	37824.96	< LOD	1329.23	113.19	124.99	< LOD	39.79	< LOD	138.56
AFR22-78	< LOD	4294.61	21404.99	< LOD	878.73	60.77	< LOD	< LOD	< LOD	< LOD	132.38
AFR22-79	< LOD	899.36	< LOD	< LOD	160.6	322.14	452.27	< LOD	< LOD	< LOD	385.78
AFR22-80	106.83	96676.48	8052.63	< LOD	420.9	113.9	113.44	< LOD	47.11	< LOD	158.67
AFR22-81	< LOD	339.75	2705.76	< LOD	678.25	257.36	366.89	< LOD	< LOD	< LOD	310.84
AFR22-82	< LOD	5065.25	< LOD	< LOD	494.39	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-83	101.55	66264.83	5783.12	< LOD	641.75	72.56	93.18	< LOD	< LOD	< LOD	148.98
AFR22-84	< LOD	905.96	1200.9	< LOD	111.44	58.44	< LOD	< LOD	< LOD	< LOD	133.05
AFR22-85	15.16	3288.1	514.61	< LOD	303.53	< LOD	< LOD	< LOD	< LOD	< LOD	148.53
AFR22-86	14.93	1679.35	1681.58	< LOD	172.86	133.18	191.96	< LOD	< LOD	< LOD	172.12
AFR22-87	< LOD	474.86	1264.77	< LOD	110.51	63.49	97.56	31.51	< LOD	< LOD	< LOD
AFR22-88	< LOD	< LOD	679.33	< LOD	157.44	100.79	122.8	44.02	< LOD	< LOD	122.72
AFR22-89	< LOD	2072.64	3608.08	< LOD	397.08	346.54	485.54	< LOD	145.5	< LOD	< LOD
AFR22-90	< LOD	1057.49	9014.75	< LOD	398.97	100.27	140.95	< LOD	< LOD	< LOD	198.67
AFR22-91	< LOD	370.27	12199.27	< LOD	148.38	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-92	64.64	49880.04	2072.55	< LOD	565.59	74.44	< LOD	< LOD	< LOD	< LOD	127.8

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Sc	Ca	K	S	Ba	Cs	Te	Sb	Sn	Cd	Ag
AFR22-93	< LOD	136.85	9482.8	< LOD	304.89	130.99	173.42	59.89	< LOD	< LOD	176.02
AFR22-94	< LOD	477.86	87.75	< LOD	< LOD	86.58	157.78	< LOD	< LOD	< LOD	163.51
AFR22-95	< LOD	2106.92	32686.31	< LOD	319.96	142.85	184.3	70.94	57.79	< LOD	185.45
AFR22-96	< LOD	1321.75	13124.52	< LOD	307.94	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-97	< LOD	1226.07	677.73	< LOD	< LOD	107.27	161.99	< LOD	< LOD	< LOD	150.79
AFR22-98	< LOD	291.03	2157.49	< LOD	279.04	< LOD	< LOD	< LOD	< LOD	< LOD	113.41
AFR22-99	32.58	6072.44	697.88	< LOD	637.07	169.54	268.77	80.11	< LOD	< LOD	190.51
AFR22-100	< LOD	1196.3	9757.66	< LOD	1177.7	222.56	293.05	< LOD	< LOD	< LOD	270.13
AFR22-101	< LOD	169.29	1187.33	< LOD	152.13	68.16	78.3	< LOD	27.97	< LOD	< LOD
AFR22-102	< LOD	1948.44	10766.02	< LOD	4436.67	69.32	< LOD	< LOD	26.71	< LOD	< LOD
AFR22-103	< LOD	493.64	4949.98	< LOD	< LOD	117.97	229.38	65.83	< LOD	< LOD	140.06

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
AFR22-01	< LOD	1145.46	790.89	435.72	414.15	< LOD	5.37	< LOD
AFR22-02	< LOD	510.52	247.47	141.71	179.29	< LOD	< LOD	< LOD
AFR22-03	< LOD	798.94	446.98	305.23	250.2	4.38	2.23	< LOD
AFR22-04	< LOD	388.61	315.36	< LOD	< LOD	3.84	2.46	< LOD
AFR22-05	< LOD	421.69	299.79	187.01	160.34	< LOD	< LOD	< LOD
AFR22-06	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-07	< LOD	1057.97	608.96	351.02	377.92	13.36	3.19	< LOD
AFR22-08	< LOD	474.74	279.17	282.99	203.41	16.44	2.79	< LOD
AFR22-09	< LOD	858.58	551.71	348.01	235.95	8.51	< LOD	< LOD
AFR22-10	< LOD	564.64	422.61	229.07	210.55	< LOD	1.51	< LOD
AFR22-11	< LOD	286.57	239.99	122.44	125.92	< LOD	< LOD	< LOD
AFR22-12	< LOD	561.95	397.85	245.84	185.54	< LOD	1.96	< LOD
AFR22-13	< LOD	1081.58	719.84	466.73	422.3	7.29	6.67	< LOD
AFR22-14	< LOD	809.99	533.86	458.67	327.99	21.19	4.06	< LOD
AFR22-15	< LOD	697.65	449.28	279.6	238.23	13.31	2.48	< LOD
AFR22-16	< LOD	750.19	500.88	253.69	295.63	< LOD	1.96	< LOD
AFR22-17	< LOD	503.09	348.71	225.79	236.07	< LOD	< LOD	< LOD
AFR22-18	< LOD	678.33	440.2	211.36	312.56	5.5	1.65	< LOD
AFR22-19	20.47	1067.99	704.11	430.33	438.41	< LOD	< LOD	37.09
AFR22-20	< LOD	1094	788.01	464.97	437.16	13.23	< LOD	< LOD
AFR22-21	< LOD	436.24	366.47	213.26	195.37	< LOD	< LOD	< LOD
AFR22-22	< LOD	525.89	250.01	289.8	174.45	10.92	< LOD	< LOD
AFR22-23	< LOD	557.91	381.65	170.56	210.76	< LOD	< LOD	< LOD
AFR22-24	< LOD	496.51	439.4	314.31	316.16	15.65	1.91	< LOD
AFR22-25	< LOD	1014.8	649.57	467.07	376.24	6.58	1.81	< LOD
AFR22-26	< LOD	390.02	273.7	180.04	98.01	< LOD	< LOD	< LOD
AFR22-27	< LOD	466.35	339.6	223.88	174.31	< LOD	< LOD	< LOD
AFR22-28	< LOD	632.06	471.07	249.78	251.47	< LOD	4.56	< LOD
AFR22-29	< LOD	475.16	319.57	186.23	190.15	8.36	4.12	< LOD
AFR22-30	< LOD	818.71	636.42	390.71	301.88	8.31	< LOD	< LOD
AFR22-31	< LOD	472.76	270.76	176.09	165.03	< LOD	< LOD	< LOD
AFR22-32	< LOD	779.24	495.03	291.41	265.44	< LOD	4.25	< LOD
AFR22-33	< LOD	523.62	296.64	234.51	184.93	< LOD	< LOD	< LOD
AFR22-34	< LOD	385.69	335.59	249.49	203.76	< LOD	2.82	< LOD
AFR22-35	< LOD	456.18	347.54	210.89	176.69	< LOD	< LOD	< LOD
AFR22-36	< LOD	321.1	260.22	176.39	111.77	< LOD	< LOD	< LOD
AFR22-37	< LOD	845.75	480.8	392.18	313.82	36.71	2.67	< LOD
AFR22-38	< LOD	574	393.39	178.98	244.96	26.76	< LOD	< LOD
AFR22-39	< LOD	686.35	403.15	312.26	253.24	24.28	4.19	< LOD
AFR22-40	< LOD	459.49	331.71	206.04	195.52	< LOD	< LOD	< LOD
AFR22-41	< LOD	912.38	595.07	406.84	334.91	11.27	< LOD	< LOD
AFR22-42	< LOD	727.02	461.82	288.34	247.78	16.94	1.98	< LOD
AFR22-43	< LOD	898.67	596.08	340.98	321.84	< LOD	3.47	< LOD
AFR22-44	< LOD	492.46	362.22	259.41	198.2	< LOD	< LOD	< LOD
AFR22-45	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-46	< LOD	666	443.82	241.67	238.55	< LOD	< LOD	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
AFR22-47	< LOD	588.03	400.8	177.4	226.74	< LOD	< LOD	< LOD
AFR22-48	< LOD	879.92	481.66	295.37	261.8	4.24	< LOD	< LOD
AFR22-49	< LOD	685.45	471.13	386.65	284.63	< LOD	< LOD	< LOD
AFR22-50	17.98	328.55	310.37	276.94	193.13	< LOD	< LOD	< LOD
AFR22-51	< LOD	1112.52	616.64	477.18	357.01	4.76	< LOD	< LOD
AFR22-52	< LOD	392.51	276.9	151.75	184.35	< LOD	< LOD	< LOD
AFR22-53	< LOD	465.98	326.04	226.89	195.18	< LOD	< LOD	< LOD
AFR22-54	< LOD	482.74	372.84	321.42	187.71	< LOD	< LOD	< LOD
AFR22-55	< LOD	812.9	428.19	335.63	256.36	4.56	2.46	< LOD
AFR22-56	< LOD	618.74	488.87	300.59	286.91	< LOD	< LOD	< LOD
AFR22-57	< LOD	796.89	550.55	292.9	279.18	< LOD	1.69	< LOD
AFR22-58	< LOD	843.08	545.05	346.12	340.85	7.22	4.09	< LOD
AFR22-59	< LOD	904.08	642.58	382.21	341.92	< LOD	2.54	< LOD
AFR22-60	< LOD	924.47	665.16	370.74	328.74	< LOD	< LOD	< LOD
AFR22-61	< LOD	355.96	306.28	125.54	173.38	< LOD	< LOD	< LOD
AFR22-62	< LOD	477.83	370.1	189.51	191.61	< LOD	< LOD	< LOD
AFR22-63	< LOD	356.78	264.29	169.79	137.57	< LOD	< LOD	< LOD
AFR22-64	< LOD	421.18	308.8	130.84	160.47	< LOD	< LOD	< LOD
AFR22-65	< LOD	553.14	362.99	274	252.6	< LOD	< LOD	< LOD
AFR22-66	< LOD	581.42	479.25	255.43	226.85	< LOD	< LOD	< LOD
AFR22-67	< LOD	517.88	384.87	258.75	212.96	< LOD	< LOD	< LOD
AFR22-68	< LOD	481.16	366.7	238.7	182.15	< LOD	< LOD	< LOD
AFR22-69	< LOD	373.44	263.96	167.02	132.93	< LOD	< LOD	< LOD
AFR22-70	< LOD	616.9	490.47	315.98	267.6	7.95	< LOD	< LOD
AFR22-71	31.86	929.68	679.38	431.71	411.44	< LOD	5.26	37.57
AFR22-72	< LOD	425.19	331.66	223.85	203.02	< LOD	< LOD	< LOD
AFR22-73	< LOD	391.31	337.07	166.71	156.25	< LOD	< LOD	< LOD
AFR22-74	< LOD	1274.19	927.91	435.25	457.56	< LOD	< LOD	< LOD
AFR22-75	< LOD	966.81	614	462.87	427.2	< LOD	2.97	< LOD
AFR22-76	< LOD	1207.82	778.19	340.15	398.32	< LOD	5.26	< LOD
AFR22-77	< LOD	825.73	597.55	339.55	297.41	18.94	< LOD	< LOD
AFR22-78	< LOD	1073.58	653.83	436.06	352.96	11.55	1.89	< LOD
AFR22-79	< LOD	807.35	464.12	212.34	301.86	< LOD	< LOD	26.04
AFR22-80	< LOD	808.93	584.65	255.97	283.95	< LOD	< LOD	< LOD
AFR22-81	< LOD	836.89	511.35	480.13	273.13	6.27	2.69	< LOD
AFR22-82	< LOD	1206.27	759.37	424.55	335.83	< LOD	3.85	< LOD
AFR22-83	< LOD	850.79	649.1	391.5	306	< LOD	2.34	< LOD
AFR22-84	< LOD	324.85	247.39	214.75	167.94	4.07	< LOD	< LOD
AFR22-85	< LOD	639.6	494.15	297.26	286.87	< LOD	1.84	< LOD
AFR22-86	< LOD	665.58	436.79	255.1	224.84	< LOD	< LOD	< LOD
AFR22-87	< LOD	355.91	221.29	142.62	175.81	< LOD	< LOD	< LOD
AFR22-88	< LOD	531.91	404.52	252.27	263.97	< LOD	< LOD	< LOD
AFR22-89	< LOD	679.58	567.14	397.68	329.56	< LOD	1.55	32.22
AFR22-90	< LOD	407.82	320.6	160.55	144.75	< LOD	< LOD	< LOD
AFR22-91	< LOD	502.78	347.15	173.85	193.81	< LOD	< LOD	< LOD
AFR22-92	< LOD	806.71	552.51	263.28	313.64	3.63	1.62	< LOD

Ace Property - Rock Sample - Geochemical Results

SAMPLE	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
AFR22-93	< LOD	626.56	395.55	259.57	252.74	4.8	1.75	< LOD
AFR22-94	< LOD	228.19	196.06	< LOD	< LOD	< LOD	< LOD	< LOD
AFR22-95	< LOD	706.12	505.76	282.09	350.43	7.3	< LOD	< LOD
AFR22-96	< LOD	632.53	405.18	224.96	208.73	4.71	1.68	< LOD
AFR22-97	< LOD	471.52	418.87	198.33	184.67	< LOD	< LOD	< LOD
AFR22-98	< LOD	1026.84	761.33	420.39	469.23	< LOD	< LOD	< LOD
AFR22-99	< LOD	795.65	565.59	342.3	261	< LOD	1.5	< LOD
AFR22-100	< LOD	820.34	609.35	427.8	351.52	21.35	6.01	< LOD
AFR22-101	< LOD	543.24	402.9	206.12	218.98	< LOD	< LOD	< LOD
AFR22-102	< LOD	472.11	347.26	247.15	166.57	29.23	2.62	< LOD
AFR22-103	< LOD	358.87	165.93	< LOD	< LOD	< LOD	< LOD	< LOD

APPENDIX G-S

Soil Sample Geochemical Map and XRF Results

625500 626000 626500 627000

93a085

Claim Number 1070161

5851500

5851000

5850500

AFS22-43 AFS22-42 AFS22-39 AFS22-38 AFS22-37 AFS22-36 AFS22-35 AFS22-34 AFS22-32 AFS22-31 AFS22-30 AFS22-29 AFS22-28 AFS22-26 AFS22-27 AFS22-25 AFS22-24 AFS22-23 AFS22-22 AFS22-21 AFS22-20 AFS22-19 AFS22-18 AFS22-17 AFS22-16 AFS22-15 AFS22-14 AFS22-13 AFS22-12 AFS22-1 AFS22-3 AFS22-2 AFS22-4 AFS22-6 AFS22-8 AFS22-10 AFS22-11 AFS22-7 AFS22-9 AFS22-40 AFS22-41 AFS22-103 AFS22-102 AFS22-101 AFS22-100 AFS22-99 AFS22-98 AFS22-97 AFS22-96 AFS22-95 AFS22-94 AFS22-93 AFS22-92 AFS22-91 AFS22-90 AFS22-89 AFS22-88 AFS22-87 AFS22-86 AFS22-85 AFS22-84 AFS22-83 AFS22-82 AFS22-81 AFS22-80 AFS22-79 AFS22-78 AFS22-77 AFS22-76 AFS22-75 AFS22-74 AFS22-73 AFS22-72 AFS22-71 AFS22-70 AFS22-69 AFS22-68 AFS22-66 AFS22-65 AFS22-67 AFS22-44 AFS22-45 AFS22-46 AFS22-47 AFS22-48 AFS22-49 AFS22-50 AFS22-51 AFS22-53 AFS22-52 AFS22-54 AFS22-55 AFS22-56 AFS22-57 AFS22-58 AFS22-59 AFS22-60 AFS22-61 AFS22-62 AFS22-64 AFS22-63 AFS22-5

ACE ACE

93a075

Scale:1:5,000

Meters

0 25 50 100 150 200 250

Results below level of detection are not shown.
Zn, Cu results over 100 ppm marked in red.
See table No. ___ for XRF results.

Legend

- Soil Sample Locations
- ACE Claim
- All other Claims
- BC Mapsheets
- Lakes/Rivers
- Stream
- Roads

Drawn by: B.Bye, Nortech Forestry Ltd. Quesnel, BC

Appendix G-S

N

Map Datum: NAD83
Zone: 10

Barker Minerals Ltd.

Ace Property
XRF Results
Soil Sample Locations, numbers and Au, Cu, Zn, Au Geochemistry

Cariboo Mining Division, B.C.

Date: January 20, 2023 Mapsheet: 93A075
Claim Number: 1070161

Ace Property AFS22
Soil Samples Locations and XRF Results (ppm)

XRF	Au (ppm)	Cu (ppm)	Zn (ppm)	XRF	Au (ppm)	Cu (ppm)	Zn (ppm)
AFS22-1	0	56.47	39.16	AFS22-51	0	28.14	59.96
AFS22-2	0	53.56	58.89	AFS22-52	0	64.36	54.73
AFS22-3	0	60.91	46.02	AFS22-53	0	55.09	58.02
AFS22-4	0	39.3	54.89	AFS22-54	0	39.41	79.21
AFS22-5	0	44.02	51.39	AFS22-55	0	51.11	65.2
AFS22-6	0	30.78	53.92	AFS22-56	0	22.63	43.09
AFS22-7	0	40.72	42.24	AFS22-57	0	44.48	61.66
AFS22-8	0	34.15	52.27	AFS22-58	0	82.41	56.91
AFS22-9	0	53.59	51.61	AFS22-59	0	47.92	48.21
AFS22-10	0	58.61	63.39	AFS22-60	0	51.55	72.5
AFS22-11	0	34.05	48	AFS22-60	0	51.55	72.5
AFS22-12	0	32.56	54.6	AFS22-61	0	37.35	62.49
AFS22-13	0	76.43	76.23	AFS22-62	0	44.49	49.68
AFS22-14	0	50.87	54.27	AFS22-63	0	45.46	62.24
AFS22-15	0	52.22	77.39	AFS22-64	0	49.9	53.53
AFS22-16	0	42.52	68.68	AFS22-65	0	52.15	59.42
AFS22-17	0	41.84	57.29	AFS22-66	0	36.41	51.59
AFS22-18	0	40.07	49.63	AFS22-67	0	56.11	69.61
AFS22-19	0	41.65	56.36	AFS22-68	0	51.7	56.04
AFS22-20	0	43.14	50.28	AFS22-69	0	31.29	64.42
AFS22-21	0	79.1	59.18	AFS22-70	0	40.7	58.27
AFS22-22	0	63.54	64.97	AFS22-71	0	43.21	55.59
AFS22-23	0	60.57	56.12	AFS22-72	0	34.63	43.16
AFS22-24	0	73.42	72.38	AFS22-73	0	37.09	48.52
AFS22-25	0	44.04	59.39	AFS22-74	0	32.07	45.68
AFS22-26	0	58.78	48.85	AFS22-75	0	58.14	89.26
AFS22-27	0	55.87	70.3	AFS22-76	0	27.11	48.24
AFS22-28	0	26.01	40.25	AFS22-77	0	45.01	74.13
AFS22-29	0	44.1	58.48	AFS22-78	0	37.07	60.94
AFS22-30	0	47.9	71.55	AFS22-79	0	34.51	59.3
AFS22-31	0	41.29	64.96	AFS22-80	0	36.77	56.9
AFS22-32	0	73.16	76	AFS22-81	0	26.19	65.1
AFS22-33	0	73.15	85.01	AFS22-82	0	39.88	51.02
AFS22-34	0	48.69	78.03	AFS22-83	0	30.68	56.47
AFS22-35	0	42.39	64.93	AFS22-84	0	40	54.21
AFS22-36	0	30.43	51.86	AFS22-85	0	58.52	62.7
AFS22-37	0	44.71	53.28	AFS22-86	0	62.31	42.38
AFS22-38	0	29.05	56.71	AFS22-87	0	38.8	48.92
AFS22-39	0	62.91	61.47	AFS22-88	0	31.99	62.71
AFS22-40	0	44.88	45.35	AFS22-89	0	42.71	66.02
AFS22-41	0	48.1	66.45	AFS22-90	0	35.1	55.44
AFS22-42	0	55.92	53.24	AFS22-91	0	39.86	74.67
AFS22-43	0	49.1	78.92	AFS22-92	0	88.92	59.83
AFS22-44	0	40.08	74.15	AFS22-93	0	45.6	70.64
AFS22-45	0	20.53	51.61	AFS22-94	0	51.34	65.34
AFS22-46	0	40.89	64.59	AFS22-95	0	43.15	45.04
AFS22-47	0	44.67	72.59	AFS22-96	0	57.97	43.89
AFS22-48	0	118	86.5	AFS22-97	0	55.45	77.24
AFS22-49	0	49.82	58.76	AFS22-98	0	24.72	54.95
AFS22-50	0	48.69	59.66	AFS22-99	0	66.48	51.63
				AFS22-100	0	63.11	68.79
				AFS22-101	0	60.1	63.23
				AFS22-102	0	54.68	40.95
				AFS22-103	0	42.23	78.25
				AFS22-102	0	54.68	40.95
				AFS22-103	0	42.23	78.25

Appendix G-S **Ace Property - Soil Sample XRF Results**

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFS22-01	ppm	< LOD	93.59	132.04	< LOD	47.6	7.44	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-02	ppm	< LOD	170.03	157.08	11.31	82.63	13.35	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-03	ppm	< LOD	168.65	166	10.07	60.21	9.19	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-04	ppm	< LOD	168.56	161.56	< LOD	52.57	9.27	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-05	ppm	< LOD	163.95	133.24	< LOD	82.14	9.49	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-06	ppm	< LOD	150.65	133.27	< LOD	50.86	13.26	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-07	ppm	< LOD	131.82	135.01	< LOD	54.6	10.89	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-08	ppm	< LOD	175.68	185.14	13.08	74.03	11.92	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-09	ppm	< LOD	183.63	143.22	< LOD	60.83	10.11	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-10	ppm	< LOD	167.07	195.71	10.25	67.41	12.32	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-11	ppm	< LOD	235.57	136.85	10.94	61.73	12.75	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-12	ppm	< LOD	116.07	120.26	< LOD	57.95	8.09	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-13	ppm	< LOD	124.45	193.68	18.86	52.54	18.28	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-14	ppm	< LOD	172.13	163.04	< LOD	61.16	10.78	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-15	ppm	< LOD	186.14	179.24	13.33	83.24	14.34	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-16	ppm	< LOD	147.46	161.42	12.26	68.25	14.43	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-17	ppm	< LOD	188.33	197.44	9.99	64.83	12.46	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-18	ppm	< LOD	194.51	152.97	< LOD	58.78	9.66	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-19	ppm	< LOD	128.69	168.4	15.84	62.53	11.25	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-20	ppm	< LOD	167.3	175.21	11.21	68.34	9.69	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-21	ppm	< LOD	157.98	208.78	11.28	60.79	13.4	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-22	ppm	< LOD	214.11	168.34	11.02	66.78	10.09	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-23	ppm	< LOD	180.89	141.1	< LOD	54.44	8.91	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-24	ppm	< LOD	166.22	185.57	17.28	78.31	15.3	< LOD	< LOD	7.45	< LOD	< LOD
AFS22-25	ppm	< LOD	141.29	187.8	12.45	56.92	8.96	< LOD	< LOD	6.79	< LOD	< LOD
AFS22-26	ppm	< LOD	159.6	130.97	13.51	83.44	12.67	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-27	ppm	< LOD	116.9	167.67	< LOD	74.92	11.33	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-28	ppm	< LOD	150.98	183.48	< LOD	50.74	8.47	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-29	ppm	< LOD	142.24	188.45	< LOD	59.3	11.19	< LOD	< LOD	8.16	< LOD	< LOD
AFS22-30	ppm	< LOD	152.41	193.04	28.3	77.49	11.8	< LOD	< LOD	140.58	< LOD	< LOD
AFS22-31	ppm	< LOD	149.55	199.61	9.91	52.91	13.74	< LOD	< LOD	43.84	< LOD	< LOD
AFS22-32	ppm	< LOD	115.75	189.71	16.64	52.59	9.45	< LOD	< LOD	65.83	< LOD	< LOD
AFS22-33	ppm	< LOD	135.67	204.65	14.31	58.36	11.72	< LOD	< LOD	490.78	< LOD	< LOD
AFS22-34	ppm	< LOD	119.94	339.37	< LOD	36.21	11.27	13	< LOD	266.01	< LOD	< LOD
AFS22-35	ppm	< LOD	139.14	156.04	< LOD	64.5	14.43	< LOD	< LOD	105.98	< LOD	< LOD
AFS22-36	ppm	< LOD	109.47	154.86	9.95	43.35	10.42	< LOD	< LOD	62.32	< LOD	< LOD
AFS22-37	ppm	< LOD	177.37	141.55	< LOD	53.47	12.26	12.52	< LOD	11.8	< LOD	< LOD
AFS22-38	ppm	< LOD	166.92	166.39	< LOD	58.85	13.01	< LOD	< LOD	13.92	< LOD	< LOD
AFS22-39	ppm	< LOD	145	139.24	10.21	61.92	13.07	< LOD	< LOD	7.29	< LOD	< LOD
AFS22-40	ppm	5.39	169.04	144.54	< LOD	63.58	6.62	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-41	ppm	< LOD	151.56	172.25	10.16	59.56	9.63	< LOD	< LOD	7.13	< LOD	< LOD
AFS22-42	ppm	< LOD	211.91	351.49	< LOD	53.73	14.38	< LOD	< LOD	16	< LOD	< LOD
AFS22-43	ppm	< LOD	154.61	225.06	11.29	64.05	17.23	< LOD	< LOD	14.97	< LOD	< LOD
AFS22-44	ppm	< LOD	228.71	166.72	9.63	88.62	8.76	< LOD	< LOD	< LOD	< LOD	< LOD

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFS22-45	ppm	< LOD	142.16	116.39	10.54	78.45	11.27	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-46	ppm	< LOD	180.19	138.87	< LOD	75.91	7.88	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-47	ppm	< LOD	205.57	158.61	< LOD	74.26	14.2	< LOD	< LOD	6.66	< LOD	< LOD
AFS22-48	ppm	< LOD	225.78	349.21	11.59	47.4	17.53	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-49	ppm	< LOD	119.65	141.33	12.52	66.67	12.63	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-50	ppm	< LOD	114.55	126.32	14.26	62.43	10.95	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-51	ppm	< LOD	146.93	146.28	13.67	66	13.52	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-52	ppm	< LOD	147.31	150.99	13.49	70.88	10.29	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-53	ppm	< LOD	140.07	180.24	< LOD	55.54	12.1	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-54	ppm	< LOD	147.05	151.66	< LOD	76.79	14.62	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-55	ppm	< LOD	122.22	203	11.66	60.67	11.2	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-56	ppm	< LOD	152.74	191.58	< LOD	55.67	4.93	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-57	ppm	< LOD	180.65	132.83	< LOD	88.49	11.96	< LOD	< LOD	6.62	< LOD	< LOD
AFS22-58	ppm	< LOD	87.07	204.99	< LOD	76.89	6.97	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-59	ppm	< LOD	163.39	98.74	< LOD	76.43	7.54	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-60	ppm	< LOD	179.58	64.81	< LOD	122.15	13.05	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-61	ppm	< LOD	161.36	182.81	< LOD	64.2	12.13	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-62	ppm	< LOD	139.35	135.01	12.78	64.17	12.34	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-63	ppm	< LOD	138.29	177.87	12.55	60.59	16.62	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-64	ppm	< LOD	137.72	190.14	9.68	57.25	15.06	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-65	ppm	< LOD	139.73	138.13	10.65	63.45	13.87	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-66	ppm	< LOD	181.6	131.04	10.88	78.29	10.7	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-67	ppm	< LOD	189.81	177.39	11.64	71.39	16.86	< LOD	< LOD	8.06	< LOD	< LOD
AFS22-68	ppm	< LOD	187.78	166.99	< LOD	76.33	13.02	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-69	ppm	< LOD	167.78	149.02	12.69	59.37	10.31	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-70	ppm	< LOD	186.09	154.21	< LOD	76.54	10.12	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-71	ppm	< LOD	118.28	390.66	< LOD	45.1	10.88	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-72	ppm	< LOD	109.36	93.93	< LOD	57.66	8.54	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-73	ppm	< LOD	194.27	238.71	10.34	52.15	11.25	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-74	ppm	< LOD	188.29	114.87	< LOD	88.67	12.52	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-75	ppm	< LOD	137.79	156.17	< LOD	69.29	16.29	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-76	ppm	< LOD	165.98	147.42	< LOD	69.87	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-77	ppm	< LOD	171.2	113.66	< LOD	113.02	13.82	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-78	ppm	< LOD	159.42	122.11	< LOD	73.02	8.8	< LOD	< LOD	6.04	< LOD	< LOD
AFS22-79	ppm	< LOD	180.54	124.63	< LOD	70.19	10.03	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-80	ppm	< LOD	160.79	134.39	< LOD	69.31	7.56	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-81	ppm	< LOD	215.29	155.15	12.4	79.38	12.48	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-82	ppm	< LOD	150.45	121	< LOD	71.12	9.5	< LOD	< LOD	7.53	< LOD	< LOD
AFS22-83	ppm	< LOD	127.31	154.61	14.8	74.35	10.89	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-84	ppm	< LOD	133.54	155.97	11.09	61.31	8.86	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-85	ppm	< LOD	174.89	163.95	13.25	69.4	14.27	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-86	ppm	< LOD	113.16	121.88	< LOD	43.93	7.25	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-87	ppm	< LOD	143.22	113.58	< LOD	73.04	8.71	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-88	ppm	< LOD	145.02	156.78	< LOD	62.24	13.79	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-89	ppm	< LOD	142.44	154.09	10.71	73.19	9.17	< LOD	< LOD	< LOD	< LOD	< LOD

SAMPLE	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
AFS22-90	ppm	< LOD	166.51	127.05	10.46	66.16	12.35	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-91	ppm	7.18	163.31	148.03	< LOD	70.67	12.44	< LOD	< LOD	6.3	< LOD	< LOD
AFS22-92	ppm	< LOD	131.71	238.81	< LOD	66.08	17.56	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-93	ppm	< LOD	149.36	138.67	< LOD	77.66	8.36	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-94	ppm	< LOD	133.05	136.05	< LOD	87.33	8.84	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-95	ppm	< LOD	148.28	139.67	< LOD	64.45	9.79	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-96	ppm	< LOD	142.66	117.12	< LOD	59.41	7.19	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-97	ppm	< LOD	158.68	131.21	< LOD	90.35	14.75	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-98	ppm	4.86	182.82	116.86	< LOD	61.43	12.94	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-99	ppm	< LOD	235.3	134.39	13.32	103.69	13.75	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-100	ppm	< LOD	195.82	161.1	< LOD	79.07	12.3	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-101	ppm	< LOD	201.73	142.05	< LOD	77.69	13.59	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-102	ppm	< LOD	147.76	135.82	10.87	70.61	12.81	< LOD	< LOD	< LOD	< LOD	< LOD
AFS22-103	ppm	< LOD	192.98	152.27	< LOD	92.89	14.47	< LOD	< LOD	< LOD	< LOD	< LOD

Appendix G-S

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag
AFS22-01	39.16	< LOD	56.47	< LOD	< LOD	41936.47	2880.49	< LOD	< LOD	< LOD	< LOD
AFS22-02	58.89	< LOD	53.56	< LOD	< LOD	46546.13	796.8	< LOD	< LOD	< LOD	< LOD
AFS22-03	46.02	< LOD	60.91	< LOD	< LOD	36988.77	785.08	< LOD	< LOD	< LOD	< LOD
AFS22-04	54.89	< LOD	39.3	< LOD	< LOD	31383.85	759.47	< LOD	< LOD	< LOD	< LOD
AFS22-05	51.39	< LOD	44.02	< LOD	< LOD	70983.89	527.4	< LOD	< LOD	< LOD	< LOD
AFS22-06	53.92	< LOD	30.78	< LOD	< LOD	41365.05	1116.21	< LOD	< LOD	< LOD	< LOD
AFS22-07	42.24	< LOD	40.72	< LOD	< LOD	33334.13	478.06	< LOD	< LOD	< LOD	< LOD
AFS22-08	52.27	< LOD	34.15	37.67	< LOD	42652.29	570.23	< LOD	< LOD	< LOD	< LOD
AFS22-09	51.61	< LOD	53.59	< LOD	< LOD	32416.02	734.21	< LOD	< LOD	< LOD	< LOD
AFS22-10	63.39	< LOD	58.61	< LOD	< LOD	44080.68	901.53	< LOD	< LOD	< LOD	< LOD
AFS22-11	48	< LOD	34.05	< LOD	< LOD	35199.9	499.25	< LOD	< LOD	< LOD	< LOD
AFS22-12	54.6	< LOD	32.56	< LOD	< LOD	43448.97	335.38	< LOD	< LOD	< LOD	< LOD
AFS22-13	76.23	< LOD	76.43	< LOD	< LOD	35694.04	1002.48	< LOD	< LOD	< LOD	< LOD
AFS22-14	54.27	< LOD	50.87	< LOD	< LOD	36788.98	1109.57	< LOD	< LOD	< LOD	< LOD
AFS22-15	77.39	< LOD	52.22	< LOD	< LOD	40417.06	541.61	< LOD	< LOD	< LOD	< LOD
AFS22-16	68.68	< LOD	42.52	39.1	< LOD	51434.52	1618.9	< LOD	< LOD	< LOD	< LOD
AFS22-17	57.29	< LOD	41.84	< LOD	< LOD	43464.71	562.02	< LOD	< LOD	< LOD	< LOD
AFS22-18	49.63	< LOD	40.07	45.93	< LOD	31584.6	570.13	< LOD	< LOD	< LOD	< LOD
AFS22-19	56.36	< LOD	41.65	< LOD	< LOD	38160.44	1583.87	< LOD	< LOD	< LOD	< LOD
AFS22-20	50.28	< LOD	43.14	< LOD	< LOD	49965.36	607.25	< LOD	< LOD	< LOD	< LOD
AFS22-21	59.18	< LOD	79.1	39.16	< LOD	42524.07	1232.52	< LOD	< LOD	< LOD	< LOD
AFS22-22	64.97	< LOD	63.54	< LOD	< LOD	44333.84	784.34	< LOD	< LOD	< LOD	< LOD
AFS22-23	56.12	< LOD	60.57	< LOD	< LOD	37827.54	584.56	< LOD	< LOD	< LOD	< LOD
AFS22-24	72.38	< LOD	73.42	< LOD	< LOD	45306.27	507.35	< LOD	< LOD	< LOD	< LOD
AFS22-25	59.39	< LOD	44.04	< LOD	< LOD	44137.11	1044.93	< LOD	< LOD	< LOD	< LOD
AFS22-26	48.85	< LOD	58.78	< LOD	< LOD	35260.22	605.98	< LOD	< LOD	< LOD	< LOD
AFS22-27	70.3	< LOD	55.87	< LOD	< LOD	39880.25	760.35	< LOD	< LOD	< LOD	< LOD
AFS22-28	40.25	< LOD	26.01	< LOD	< LOD	33812.92	840.36	< LOD	< LOD	< LOD	< LOD
AFS22-29	58.48	< LOD	44.1	< LOD	< LOD	35622.06	339.55	< LOD	< LOD	< LOD	< LOD
AFS22-30	71.55	< LOD	47.9	< LOD	< LOD	54505.98	694.55	< LOD	< LOD	< LOD	< LOD
AFS22-31	64.96	< LOD	41.29	< LOD	< LOD	46260.66	1250.03	< LOD	< LOD	< LOD	< LOD
AFS22-32	76	< LOD	73.16	< LOD	< LOD	31015.01	256.1	< LOD	< LOD	< LOD	< LOD
AFS22-33	85.01	< LOD	73.15	< LOD	< LOD	53527.77	6155.39	< LOD	< LOD	< LOD	< LOD
AFS22-34	78.03	< LOD	48.69	< LOD	< LOD	48481.46	729.03	< LOD	< LOD	< LOD	< LOD
AFS22-35	64.93	< LOD	42.39	< LOD	< LOD	36191.4	823.97	257.1	< LOD	< LOD	< LOD
AFS22-36	51.86	< LOD	30.43	< LOD	< LOD	37091.29	995.06	< LOD	< LOD	< LOD	< LOD
AFS22-37	53.28	< LOD	44.71	< LOD	< LOD	43046.92	1075.59	< LOD	< LOD	< LOD	< LOD
AFS22-38	56.71	< LOD	29.05	< LOD	< LOD	32573.08	775.25	< LOD	< LOD	< LOD	< LOD
AFS22-39	61.47	< LOD	62.91	< LOD	< LOD	32893.67	910.66	< LOD	< LOD	< LOD	< LOD
AFS22-40	45.35	< LOD	44.88	< LOD	< LOD	38682.34	537.1	< LOD	< LOD	< LOD	< LOD
AFS22-41	66.45	< LOD	48.1	< LOD	< LOD	40220.26	1293.11	< LOD	< LOD	< LOD	< LOD
AFS22-42	53.24	< LOD	55.92	< LOD	< LOD	35263.06	792.2	< LOD	< LOD	< LOD	< LOD
AFS22-43	78.92	< LOD	49.1	< LOD	< LOD	52464.45	1741.91	< LOD	< LOD	< LOD	< LOD
AFS22-44	74.15	< LOD	40.08	83.19	< LOD	45251.12	943.5	< LOD	< LOD	< LOD	< LOD

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag
AFS22-45	51.61	< LOD	20.53	< LOD	< LOD	32180.64	344.96	< LOD	< LOD	< LOD	< LOD
AFS22-46	64.59	< LOD	40.89	45.63	< LOD	48507.9	569.33	< LOD	< LOD	< LOD	< LOD
AFS22-47	72.59	< LOD	44.67	< LOD	< LOD	48664.3	811.27	< LOD	< LOD	< LOD	< LOD
AFS22-48	86.5	< LOD	118.01	79.21	< LOD	67083.84	1295.08	< LOD	< LOD	< LOD	< LOD
AFS22-49	58.76	< LOD	49.82	< LOD	< LOD	38012.63	356.5	< LOD	< LOD	< LOD	< LOD
AFS22-50	59.66	< LOD	48.69	< LOD	< LOD	35339.8	656.5	< LOD	< LOD	< LOD	< LOD
AFS22-51	59.96	< LOD	28.14	< LOD	< LOD	44873.7	723.48	< LOD	< LOD	< LOD	< LOD
AFS22-52	54.73	< LOD	64.36	< LOD	< LOD	39399.38	1520.82	< LOD	< LOD	< LOD	< LOD
AFS22-53	58.02	< LOD	55.09	< LOD	< LOD	32815.87	463.59	< LOD	< LOD	< LOD	< LOD
AFS22-54	79.21	< LOD	39.41	< LOD	< LOD	60703.33	719.64	< LOD	< LOD	< LOD	< LOD
AFS22-55	65.2	< LOD	51.11	< LOD	< LOD	45788.52	835.01	< LOD	< LOD	< LOD	< LOD
AFS22-56	43.09	< LOD	22.63	< LOD	< LOD	40616.26	479.31	< LOD	< LOD	< LOD	< LOD
AFS22-57	61.66	< LOD	44.48	< LOD	< LOD	53609.55	491.96	< LOD	< LOD	< LOD	< LOD
AFS22-58	56.91	< LOD	82.41	63.07	< LOD	62007.55	1931.79	< LOD	< LOD	< LOD	< LOD
AFS22-59	48.21	< LOD	47.92	< LOD	< LOD	38983.3	708.46	< LOD	< LOD	< LOD	< LOD
AFS22-60	72.5	< LOD	51.55	< LOD	< LOD	43357.88	555.83	< LOD	< LOD	< LOD	< LOD
AFS22-61	62.49	< LOD	37.35	45	< LOD	49118.51	564.1	< LOD	< LOD	< LOD	< LOD
AFS22-62	49.68	< LOD	44.49	< LOD	< LOD	30590.18	432.59	< LOD	< LOD	< LOD	< LOD
AFS22-63	62.24	< LOD	45.46	< LOD	< LOD	40975.23	464.09	< LOD	< LOD	< LOD	< LOD
AFS22-64	53.53	< LOD	49.9	< LOD	< LOD	52011.2	880.62	< LOD	< LOD	< LOD	< LOD
AFS22-65	59.42	< LOD	52.15	< LOD	< LOD	40897.86	821.19	< LOD	< LOD	< LOD	< LOD
AFS22-66	51.59	< LOD	36.41	< LOD	< LOD	48792.8	382.07	< LOD	< LOD	< LOD	< LOD
AFS22-67	69.61	< LOD	56.11	< LOD	< LOD	51540.29	593.61	< LOD	< LOD	< LOD	< LOD
AFS22-68	56.04	< LOD	51.7	< LOD	< LOD	36839.25	526.5	< LOD	< LOD	< LOD	< LOD
AFS22-69	64.42	< LOD	31.29	< LOD	< LOD	47719.59	492.26	< LOD	< LOD	< LOD	< LOD
AFS22-70	58.27	< LOD	40.7	38.9	< LOD	42768.93	510.89	< LOD	< LOD	< LOD	< LOD
AFS22-71	55.59	< LOD	43.21	< LOD	< LOD	39259.61	1225.14	< LOD	< LOD	< LOD	< LOD
AFS22-72	43.16	< LOD	34.63	< LOD	< LOD	41522.58	413.39	< LOD	< LOD	< LOD	< LOD
AFS22-73	48.52	< LOD	37.09	< LOD	< LOD	39525.73	852.34	< LOD	< LOD	< LOD	< LOD
AFS22-74	45.68	< LOD	32.07	< LOD	< LOD	37420.1	660.4	< LOD	< LOD	< LOD	< LOD
AFS22-75	89.26	< LOD	58.14	< LOD	< LOD	44390.92	796.7	< LOD	< LOD	< LOD	< LOD
AFS22-76	48.24	< LOD	27.11	< LOD	< LOD	33234.57	491.9	< LOD	< LOD	< LOD	< LOD
AFS22-77	74.13	< LOD	45.01	< LOD	< LOD	44797.46	488.7	< LOD	< LOD	< LOD	< LOD
AFS22-78	60.94	< LOD	37.07	< LOD	< LOD	46412.5	634.74	< LOD	< LOD	< LOD	< LOD
AFS22-79	59.3	< LOD	34.51	< LOD	< LOD	45727.89	431.64	< LOD	< LOD	< LOD	< LOD
AFS22-80	56.9	< LOD	36.77	< LOD	< LOD	46480.93	487.63	< LOD	< LOD	< LOD	< LOD
AFS22-81	65.1	< LOD	26.19	< LOD	< LOD	44844.32	480.49	< LOD	< LOD	< LOD	< LOD
AFS22-82	51.02	< LOD	39.88	< LOD	< LOD	45083.47	536.59	< LOD	< LOD	< LOD	< LOD
AFS22-83	56.47	< LOD	30.68	< LOD	< LOD	43550.44	601.18	< LOD	< LOD	< LOD	< LOD
AFS22-84	54.21	< LOD	40	< LOD	< LOD	45258.73	539.74	< LOD	< LOD	< LOD	< LOD
AFS22-85	62.7	< LOD	58.52	< LOD	490.69	75247.89	862.73	< LOD	< LOD	< LOD	< LOD
AFS22-86	42.38	< LOD	62.31	< LOD	< LOD	33863.66	580.32	< LOD	< LOD	< LOD	< LOD
AFS22-87	48.92	< LOD	38.8	< LOD	< LOD	43221.56	452.57	< LOD	< LOD	< LOD	< LOD
AFS22-88	62.71	< LOD	31.99	< LOD	< LOD	35786.32	752.88	< LOD	< LOD	< LOD	< LOD
AFS22-89	66.02	< LOD	42.71	< LOD	< LOD	41610.71	705.29	< LOD	< LOD	< LOD	< LOD

SAMPLE	Zn	W	Cu	Ni	Co	Fe	Mn	Sb	Sn	Cd	Ag
AFS22-90	55.44	< LOD	35.1	< LOD	< LOD	46584.98	635.68	< LOD	< LOD	< LOD	< LOD
AFS22-91	74.67	< LOD	39.86	< LOD	< LOD	47943.99	603.35	< LOD	< LOD	< LOD	< LOD
AFS22-92	59.83	< LOD	88.92	< LOD	< LOD	46939.54	1278.79	< LOD	< LOD	< LOD	< LOD
AFS22-93	70.64	< LOD	45.6	< LOD	< LOD	53274.88	531.91	< LOD	< LOD	< LOD	< LOD
AFS22-94	65.34	< LOD	51.34	< LOD	< LOD	46782.62	510.42	< LOD	< LOD	< LOD	< LOD
AFS22-95	45.04	< LOD	43.15	< LOD	< LOD	37544.59	915.43	< LOD	< LOD	< LOD	< LOD
AFS22-96	43.89	< LOD	57.97	< LOD	< LOD	38584.43	333.88	< LOD	< LOD	< LOD	< LOD
AFS22-97	77.24	< LOD	55.45	< LOD	< LOD	50864.63	515.72	< LOD	< LOD	< LOD	< LOD
AFS22-98	54.95	< LOD	24.72	< LOD	< LOD	51988.08	527.12	< LOD	< LOD	< LOD	< LOD
AFS22-99	51.63	< LOD	66.48	43.16	< LOD	33916.88	578.34	< LOD	< LOD	< LOD	< LOD
AFS22-100	68.79	< LOD	63.11	49.11	< LOD	44983.24	746.27	< LOD	< LOD	< LOD	< LOD
AFS22-101	63.23	< LOD	60.1	< LOD	< LOD	43069.09	1046.66	< LOD	< LOD	< LOD	< LOD
AFS22-102	40.95	< LOD	54.68	< LOD	< LOD	35868.71	959.73	< LOD	< LOD	< LOD	< LOD
AFS22-103	78.25	< LOD	42.23	< LOD	< LOD	43846.56	800.49	< LOD	< LOD	< LOD	< LOD

APPENDIX H-R

Rock Sample Locations with Au, Cu, & Zn Geochemical Results

Appendix H-R
See Appendix G

Ace Property
2022 Rock Sample Locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFR22-01	625889	5851173	0	32.06	123.54
AFR22-02	625942	5851153	0	0	0
AFR22-03	625919	5851162	0	48.19	122.21
AFR22-04	625966	5851147	0	111.73	47.19
AFR22-05	626993	5851151	0	0	0
AFR22-06	626017	5851147	0	72.01	24.83
AFR22-07	626040	5851142	11.42	126.12	48.17
AFR22-08	626064	5851139	0	0	49.77
AFR22-09	626089	5851136	0	38.34	93.71
AFR22-10	626115	5851139	0	0	27.9
AFR22-11	626140	5851151	0	0	0
AFR22-12	626109	5851188	0	142.08	82.61
AFR22-13	626086	5851199	0	0	27.53
AFR22-14	626072	5851219	0	114.5	353.27
AFR22-15	626062	5851242	0	0	67.99
AFR22-16	626049	5851262	0	0	29.23
AFR22-17	626038	5851284	0	0	0
AFR22-18	626025	5851305	0	24.16	60.12
AFR22-19	626008	5851322	0	237.46	14.58
AFR22-20	625992	5851335	0	189.82	93.66
AFR22-21	625972	5851354	0	0	0
AFR22-22	625953	5851371	0	0	61.62
AFR22-23	625931	5851378	0	28.52	0
AFR22-24	625905	5851388	0	33.5	75.32
AFR22-25	625883	5851393	0	50.52	34.31
AFR22-26	625858	5851398	0	15.94	0
AFR22-27	625834	5851402	0	58.88	0
AFR22-28	625809	5851411	0	0	0
AFR22-29	625784	5851418	0	107.32	10.5
AFR22-30	625760	5851426	10.4	199.95	54.05
AFR22-31	625738	5851433	0	33.68	0
AFR22-32	625713	5851440	0	0	40.69
AFR22-33	625692	5851448	0	0	0
AFR22-34	625666	5851455	0	19.1	62.31
AFR22-35	625642	5851461	0	0	15.64
AFR22-36	625618	5851471	0	0	0
AFR22-37	625597	5851482	0	30.27	49.44
AFR22-38	625574	5851493	0	51.09	151.19
AFR22-39	625552	5851503	10.09	31.3	51.04
AFR22-40	625530	5851149	0	27.78	0
AFR22-41	625507	5851147	0	75.74	32.46

Appendix H-R
See Appendix G

Ace Property
2022 Rock Sample Locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFR22-42	625483	5851534	0	30.31	46.53
AFR22-43	625466	5851550	0	0	62.51
AFR22-44	625648	5850804	0	27.26	0
AFR22-45	625668	5850787	0	20.06	0
AFR22-46	625693	5850784	0	1561.8	217.69
AFR22-47	625714	5850775	0	0	0
AFR22-48	625735	5850761	0	86.52	53.68
AFR22-49	625758	5850751	0	136.46	0
AFR22-50	625780	5850740	0	0	0
AFR22-51	625800	5850730	0	164.88	52.36
AFR22-52	625824	5850727	0	35.66	24.23
AFR22-53	625851	5850725	0	20.09	0
AFR22-54	625874	5850716	0	0	15.3
AFR22-55	625898	5850710	0	94.66	43.27
AFR22-56	625922	5850701	0	29.07	0
AFR22-57	625944	5850693	0	108.4	52.02
AFR22-58	625968	5850675	0	54.3	38.63
AFR22-59	625989	5850675	0	0	35.16
AFR22-60	626012	5850666	0	0	0
AFR22-61	626033	5850652	0	0	13.87
AFR22-62	626057	5850642	0	107.84	13.42
AFR22-63	626081	5850633	0	0	15.32
AFR22-64	626106	5850628	0	0	0
AFR22-65	626131	5850625	0	50.05	26.86
AFR22-66	626156	5850622	0	178.48	0
AFR22-67	626183	5850620	0	48.98	0
AFR22-68	626184	5850637	0	79.39	0
AFR22-69	626167	5850652	0	15.01	0
AFR22-70	626143	5850659	0	0	0
AFR22-71	626121	5850670	0	98.83	72.55
AFR22-72	626100	5850684	0	0	0
AFR22-73	626080	5850702	0	0	12.13
AFR22-74	626066	5850719	0	347.39	0
AFR22-75	626050	5850739	0	56.1	50.57
AFR22-76	626032	5850756	0	0	68.61
AFR22-77	626010	5850770	0	44.72	25.15
AFR22-78	625986	5850784	0	56.68	113.54
AFR22-79	625965	5850797	0	1132.05	39.49
AFR22-80	625946	5850811	0	0	93.33
AFR22-81	625926	5850827	0	263.51	103.99
AFR22-82	625904	5850838	0	95.57	65.12

Appendix H-R
See Appendix G

Ace Property
2022 Rock Sample Locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFR22-83	625880	5850847	0	55.19	80.75
AFR22-84	625864	5850861	0	0	18.02
AFR22-85	625847	5850883	0	111.25	43.62
AFR22-86	625827	5850898	0	24.29	78.25
AFR22-87	625808	5850914	0	88.17	0
AFR22-88	625788	5850929	0	190.93	0
AFR22-89	625770	5850941	14.3	50.85	90.99
AFR22-90	625749	5850952	0	19.92	0
AFR22-91	625723	5850964	0	18.92	21.24
AFR22-92	625700	5850971	0	43.31	39.63
AFR22-93	625677	5850982	0	0	25.98
AFR22-94	625654	5850997	0	0	0
AFR22-95	625634	5851008	0	26.36	30.89
AFR22-96	625616	5851024	0	391.04	48.84
AFR22-97	625595	5851037	0	225.97	0
AFR22-98	625574	5851050	0	112.56	22.85
AFR22-99	625551	5851058	0	0	57.84
AFR22-100	625526	5851061	11.18	348.45	231.61
AFR22-101	625512	5851079	0	0	0
AFR22-102	625496	5851097	0	89.59	69.23
AFR22-103	625472	5851106	0	280.19	0

APPENDIX H-S

Soil Sample Locations with Au, Cu, & Zn Geochemical Results

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-01	625889	5851173	0	56.47	39.16
AFS22-02	625942	5851153	0	53.56	58.89
AFS22-03	625919	5851162	0	60.91	46.02
AFS22-04	625966	5851147	0	39.3	54.89
AFS22-05	626993	5851151	0	44.02	51.39
AFS22-06	626017	5851147	0	30.78	53.92
AFS22-07	626040	5851142	0	40.72	42.24
AFS22-08	626064	5851139	0	34.15	52.27
AFS22-09	626089	5851136	0	53.59	51.61
AFS22-10	626115	5851139	0	58.61	63.39
AFS22-11	626140	5851151	0	34.05	48
AFS22-12	626109	5851188	0	32.56	54.6
AFS22-13	626086	5851199	0	76.43	76.23
AFS22-14	626072	5851219	0	50.87	54.27
AFS22-15	626062	5851242	0	52.22	77.39
AFS22-16	626049	5851262	0	42.52	68.68
AFS22-17	626038	5851284	0	41.84	57.29
AFS22-18	626025	5851305	0	40.07	49.63
AFS22-19	626008	5851322	0	41.65	56.36
AFS22-20	625992	5851335	0	43.14	50.28
AFS22-21	625972	5851354	0	79.1	59.18
AFS22-22	625953	5851371	0	63.54	64.97
AFS22-23	625931	5851378	0	60.57	56.12
AFS22-24	625905	5851388	0	73.42	72.38
AFS22-25	625883	5851393	0	44.04	59.39
AFS22-26	625858	5851398	0	58.78	48.85
AFS22-27	625834	5851402	0	55.87	70.3
AFS22-28	625809	5851411	0	26.01	40.25
AFS22-29	625784	5851418	0	44.1	58.48
AFS22-30	625760	5851426	0	47.9	71.55
AFS22-31	625738	5851433	0	41.29	64.96
AFS22-32	625713	5851440	0	73.16	76
AFS22-33	625692	5851448	0	73.15	85.01
AFS22-34	625666	5851455	0	48.69	78.03
AFS22-35	625642	5851461	0	42.39	64.93
AFS22-36	625618	5851471	0	30.43	51.86
AFS22-37	625597	5851482	0	44.71	53.28
AFS22-38	625574	5851493	0	29.05	56.71
AFS22-39	625552	5851503	0	62.91	61.47
AFS22-40	625530	5851149	0	44.88	45.35
AFS22-41	625507	5851147	0	48.1	66.45

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-42	625483	5851534	0	55.92	53.24
AFS22-43	625466	5851550	0	49.1	78.92
AFS22-44	625648	5850804	0	40.08	74.15
AFS22-45	625668	5850787	0	20.53	51.61
AFS22-46	625693	5850784	0	40.89	64.59
AFS22-47	625714	5850775	0	44.67	72.59
AFS22-48	625735	5850761	0	118.01	86.5
AFS22-49	625758	5850751	0	49.82	58.76
AFS22-50	625780	5850740	0	48.69	59.66
AFS22-51	625800	5850730	0	28.14	59.96
AFS22-52	625824	5850727	0	64.36	54.73
AFS22-53	625851	5850725	0	55.09	58.02
AFS22-54	625874	5850716	0	39.41	79.21
AFS22-55	625898	5850710	0	51.11	65.2
AFS22-56	625922	5850701	0	22.63	43.09
AFS22-57	625944	5850693	0	44.48	61.66
AFS22-58	625968	5850675	0	82.41	56.91
AFS22-59	625989	5850675	0	47.92	48.21
AFS22-60	626012	5850666	0	51.55	72.5
AFS22-61	626033	5850652	0	37.35	62.49
AFS22-62	626057	5850642	0	44.49	49.68
AFS22-63	626081	5850633	0	45.46	62.24
AFS22-64	626106	5850628	0	49.9	53.53
AFS22-65	626131	5850625	0	52.15	59.42
AFS22-66	626156	5850622	0	36.41	51.59
AFS22-67	626183	5850620	0	56.11	69.61
AFS22-68	626184	5850637	0	51.7	56.04
AFS22-69	626167	5850652	0	31.29	64.42
AFS22-70	626143	5850659	0	40.7	58.27
AFS22-71	626121	5850670	0	43.21	55.59
AFS22-72	626100	5850684	0	34.63	43.16
AFS22-73	626080	5850702	0	37.09	48.52
AFS22-74	626066	5850719	0	32.07	45.68
AFS22-75	626050	5850739	0	58.14	89.26
AFS22-76	626032	5850756	0	27.11	48.24
AFS22-77	626010	5850770	0	45.01	74.13
AFS22-78	625986	5850784	0	37.07	60.94
AFS22-79	625965	5850797	0	34.51	59.3
AFS22-80	625946	5850811	0	36.77	56.9
AFS22-81	625926	5850827	0	26.19	65.1
AFS22-82	625904	5850838	0	39.88	51.02

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-83	625880	5850847	0	30.68	56.47
AFS22-84	625864	5850861	0	40	54.21
AFS22-85	625847	5850883	0	58.52	62.7
AFS22-86	625827	5850898	0	62.31	42.38
AFS22-87	625808	5850914	0	38.8	48.92
AFS22-88	625788	5850929	0	31.99	62.71
AFS22-89	625770	5850941	0	42.71	66.02
AFS22-90	625749	5850952	0	35.1	55.44
AFS22-91	625723	5850964	0	39.86	74.67
AFS22-92	625700	5850971	0	88.92	59.83
AFS22-93	625677	5850982	0	45.6	70.64
AFS22-94	625654	5850997	0	51.34	65.34
AFS22-95	625634	5851008	0	43.15	45.04
AFS22-96	625616	5851024	0	57.97	43.89
AFS22-97	625595	5851037	0	55.45	77.24
AFS22-98	625574	5851050	0	24.72	54.95
AFS22-99	625551	5851058	0	66.48	51.63
AFS22-100	625526	5851061	0	63.11	68.79
AFS22-101	625512	5851079	0	60.1	63.23
AFS22-102	625496	5851097	0	54.68	40.95
AFS22-103	625472	5851106	0	42.23	78.25

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-01	625889	5851173	0	56.47	39.16
AFS22-02	625942	5851153	0	53.56	58.89
AFS22-03	625919	5851162	0	60.91	46.02
AFS22-04	625966	5851147	0	39.3	54.89
AFS22-05	626993	5851151	0	44.02	51.39
AFS22-06	626017	5851147	0	30.78	53.92
AFS22-07	626040	5851142	0	40.72	42.24
AFS22-08	626064	5851139	0	34.15	52.27
AFS22-09	626089	5851136	0	53.59	51.61
AFS22-10	626115	5851139	0	58.61	63.39
AFS22-11	626140	5851151	0	34.05	48
AFS22-12	626109	5851188	0	32.56	54.6
AFS22-13	626086	5851199	0	76.43	76.23
AFS22-14	626072	5851219	0	50.87	54.27
AFS22-15	626062	5851242	0	52.22	77.39
AFS22-16	626049	5851262	0	42.52	68.68
AFS22-17	626038	5851284	0	41.84	57.29
AFS22-18	626025	5851305	0	40.07	49.63
AFS22-19	626008	5851322	0	41.65	56.36
AFS22-20	625992	5851335	0	43.14	50.28
AFS22-21	625972	5851354	0	79.1	59.18
AFS22-22	625953	5851371	0	63.54	64.97
AFS22-23	625931	5851378	0	60.57	56.12
AFS22-24	625905	5851388	0	73.42	72.38
AFS22-25	625883	5851393	0	44.04	59.39
AFS22-26	625858	5851398	0	58.78	48.85
AFS22-27	625834	5851402	0	55.87	70.3
AFS22-28	625809	5851411	0	26.01	40.25
AFS22-29	625784	5851418	0	44.1	58.48
AFS22-30	625760	5851426	0	47.9	71.55
AFS22-31	625738	5851433	0	41.29	64.96
AFS22-32	625713	5851440	0	73.16	76
AFS22-33	625692	5851448	0	73.15	85.01
AFS22-34	625666	5851455	0	48.69	78.03
AFS22-35	625642	5851461	0	42.39	64.93
AFS22-36	625618	5851471	0	30.43	51.86
AFS22-37	625597	5851482	0	44.71	53.28
AFS22-38	625574	5851493	0	29.05	56.71
AFS22-39	625552	5851503	0	62.91	61.47
AFS22-40	625530	5851149	0	44.88	45.35
AFS22-41	625507	5851147	0	48.1	66.45

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-42	625483	5851534	0	55.92	53.24
AFS22-43	625466	5851550	0	49.1	78.92
AFS22-44	625648	5850804	0	40.08	74.15
AFS22-45	625668	5850787	0	20.53	51.61
AFS22-46	625693	5850784	0	40.89	64.59
AFS22-47	625714	5850775	0	44.67	72.59
AFS22-48	625735	5850761	0	118.01	86.5
AFS22-49	625758	5850751	0	49.82	58.76
AFS22-50	625780	5850740	0	48.69	59.66
AFS22-51	625800	5850730	0	28.14	59.96
AFS22-52	625824	5850727	0	64.36	54.73
AFS22-53	625851	5850725	0	55.09	58.02
AFS22-54	625874	5850716	0	39.41	79.21
AFS22-55	625898	5850710	0	51.11	65.2
AFS22-56	625922	5850701	0	22.63	43.09
AFS22-57	625944	5850693	0	44.48	61.66
AFS22-58	625968	5850675	0	82.41	56.91
AFS22-59	625989	5850675	0	47.92	48.21
AFS22-60	626012	5850666	0	51.55	72.5
AFS22-61	626033	5850652	0	37.35	62.49
AFS22-62	626057	5850642	0	44.49	49.68
AFS22-63	626081	5850633	0	45.46	62.24
AFS22-64	626106	5850628	0	49.9	53.53
AFS22-65	626131	5850625	0	52.15	59.42
AFS22-66	626156	5850622	0	36.41	51.59
AFS22-67	626183	5850620	0	56.11	69.61
AFS22-68	626184	5850637	0	51.7	56.04
AFS22-69	626167	5850652	0	31.29	64.42
AFS22-70	626143	5850659	0	40.7	58.27
AFS22-71	626121	5850670	0	43.21	55.59
AFS22-72	626100	5850684	0	34.63	43.16
AFS22-73	626080	5850702	0	37.09	48.52
AFS22-74	626066	5850719	0	32.07	45.68
AFS22-75	626050	5850739	0	58.14	89.26
AFS22-76	626032	5850756	0	27.11	48.24
AFS22-77	626010	5850770	0	45.01	74.13
AFS22-78	625986	5850784	0	37.07	60.94
AFS22-79	625965	5850797	0	34.51	59.3
AFS22-80	625946	5850811	0	36.77	56.9
AFS22-81	625926	5850827	0	26.19	65.1
AFS22-82	625904	5850838	0	39.88	51.02

Appendix H-S
See Appendix G

Ace Property
2022 Soil Sample locations
with Gold, Copper & Zinc results

Sample #	UTM E	UTM N	Au (Gold)	Cu (Copper)	Zn (Zinc)
AFS22-83	625880	5850847	0	30.68	56.47
AFS22-84	625864	5850861	0	40	54.21
AFS22-85	625847	5850883	0	58.52	62.7
AFS22-86	625827	5850898	0	62.31	42.38
AFS22-87	625808	5850914	0	38.8	48.92
AFS22-88	625788	5850929	0	31.99	62.71
AFS22-89	625770	5850941	0	42.71	66.02
AFS22-90	625749	5850952	0	35.1	55.44
AFS22-91	625723	5850964	0	39.86	74.67
AFS22-92	625700	5850971	0	88.92	59.83
AFS22-93	625677	5850982	0	45.6	70.64
AFS22-94	625654	5850997	0	51.34	65.34
AFS22-95	625634	5851008	0	43.15	45.04
AFS22-96	625616	5851024	0	57.97	43.89
AFS22-97	625595	5851037	0	55.45	77.24
AFS22-98	625574	5851050	0	24.72	54.95
AFS22-99	625551	5851058	0	66.48	51.63
AFS22-100	625526	5851061	0	63.11	68.79
AFS22-101	625512	5851079	0	60.1	63.23
AFS22-102	625496	5851097	0	54.68	40.95
AFS22-103	625472	5851106	0	42.23	78.25

APPENDIX I

2022 Ace Property Photo Gallery

Ace Property

Looking north towards Tuckett Creek from the north slope of Mt. Barker on newly logged area.

Ace Property

Example of large 1m x 1m oxidized quartz vein boulder. The angularity and size indicate the bedrock source may not be far upslope.

Ace Property

Example of oxidized quartz veining within intrusive diorite from newly logged area on the north slope of Mt. Barker. The top of Mt. Barker has many gold bearing veins in similar host rocks.

Ace Property

This picture shows the deep, hard compacted clay overburden which is abundant on the lower slopes of Mt. Barker. In some instances new road cuts have 30 – 40 feet high glacial clay deposits on the upper side of the new roads.

Ace Property

Example of broken float oxidized quartz vein material from new roads on the north slope of Mt. Barker which looks broken off outcrop or larger pieces nearby. Approximately 1.5M x 1M in size.

Ace Property

As the new roads go higher on the slope of Mt. Barker the overburden is less compact on the till is made up of float material of similar composition indicating bedrock is nearby, upslope. The overburden is about 25M high in this newly logged area.