ASSESSMENT REPORT TITLE PAGE AND SUMMARY

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

TOTAL COST: **$53,767.00**

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): **6061159 (July 1, 2024 to March 13, 2025 and 6072557 July 4, 2024, to Jone 14, 2025)**

YEAR OF WORK: **2024/2025**
PROPERTY NAME: **Ace Property**
CLAIM NAME(S) (on which work was done)
Ace 93 (tenure # 1106206)

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	N/A		
Silt	N/A		
Rock	17	1106206	$2,752.78
Heavy mineral	80	1106206	$33,317.79
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	97	1106206	$17.696.43
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	**$53,767.00**

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:	2025/JUN/16	**Effective:**	2025/JUN/16
D/E Date:	2025/JUN/16		

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: **6072557**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2024/JUL/04
Work Stop Date: 2025/JUN/14
Total Value of Work: $ 26000.00
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
1106204	SUL 2	2023/JUL/22	2025/JUL/31	2025/OCT/15	76	19.58	$ 20.38
1106205	AC	2023/JUL/22	2025/JUL/31	2025/OCT/15	76	19.58	$ 20.38
1106206	ACE 93	2023/JUL/22	2025/JUL/31	2025/OCT/15	76	11578.17	$ 24107.97
1106207	SUL 3	2023/JUL/22	2025/JUL/31	2025/OCT/15	76	528.49	$ 1100.41

Financial Summary:

Total applied work value: 25249.14

PAC name: Barker Minerals

Note: Any PAC debit and credit amounts will be calculated after the assessment report has been submitted and approved.

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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:	2025/MAR/14	**Effective:**	2025/MAR/14
D/E Date:	2025/MAR/14		

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: **6061159**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2024/JUL/01
Work Stop Date: 2025/MAR/13
Total Value of Work: $ 22000.00
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
1106204	SUL 2	2023/JUL/22	2025/MAR/31	2025/JUL/31	122	19.58	$ 32.71
1106205	AC	2023/JUL/22	2025/MAR/31	2025/JUL/31	122	19.58	$ 32.72
1106206	ACE 93	2023/JUL/22	2025/MAR/31	2025/JUL/31	122	11578.17	$ 20777.26
1106207	SUL 3	2023/JUL/22	2025/MAR/31	2025/JUL/31	122	528.49	$ 948.38

Financial Summary:

Total applied work value: 21791.07

PAC name: Barker Minerals Ltd.

Note: Any PAC debit and credit amounts will be calculated after the assessment report has been submitted and approved.

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1.0 SUMMARY

The field work performed in the 2024 and 2025 field season was conducted on the eastern and southern portion Barker Minerals Ltd's Ace Gold and Massive Sulphide Property and one work area in the Ace Core on newly timber harvested areas. The work programs consisted of 59 heavy mineral silt samples collected in three separate target areas, 21 heavy mineral till samples in two work areas and 17 rock samples which were collected from float and sub outcrop in one work area on the new Barker Creek logging road.

The purpose of the program was to investigate favorable geological and geochemical evidence by sampling local silts, tills and rocks for the presence of gold, or gold pathfinder minerals which may be related to Orogenic Intrusive Related Gold Deposits. The area of timber harvesting activities could only be accessed by helicopter until the very recent past and new road building has provided a plethora of opportunity to explore a vast region which was inaccessible until the current road building and logging activities which continue today.

In past geochemical stream sampling studies of the regional area it was determined that the best method to get the optimum results from stream sampling was by collecting larger sample sizes and meticulous hand panning the samples to get to the heavy mineral fraction separated for analysis. This technique is effective to help look through the dilution of deep till in the local surficial environment caused by the activities of multiple glaciations in the district.

In summary, the presence of tungsten, arsenic, and titanium anomalies, coupled with the right host rock (limestone), the presence of quartz veins, and characteristic alteration minerals like biotite and garnets, creates a highly prospective "fingerprint" for an Orogenic intrusion-related gold deposit, making it a very valid and exciting exploration target.

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

Work was done in tenure no. 1106206

for

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

Prepared by:
Louis Doyle

July 18, 2025

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2.0 INTRODUCTION

The field work performed in the 2024 and 2025 field season was conducted on the eastern and southern portion Barker Minerals Ltd's Ace Gold and Massive Sulphide Property and one work areas in the Ace Core on newly timber harvested areas. The work programs consisted of 59 heavy mineral silt samples collected in three separate target areas, 21 heavy mineral till samples in two work areas and 17 rock samples which were collected from float and sub outcrop in one work area.

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All till and silt samples were sieved in the field with enough material to fill a five gallon bucket three quarters full. The samples were then hand panned in the 150 mile house field office, observed initially with a binocular microscope in order to determine the matrix remaining at the end of the panning process, to determine if there were any visible gold flakes or grains and to prepare the samples for XRF analysis.

This report describes assessment work which was concentrated in the area of tenure no. 1106206.

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.

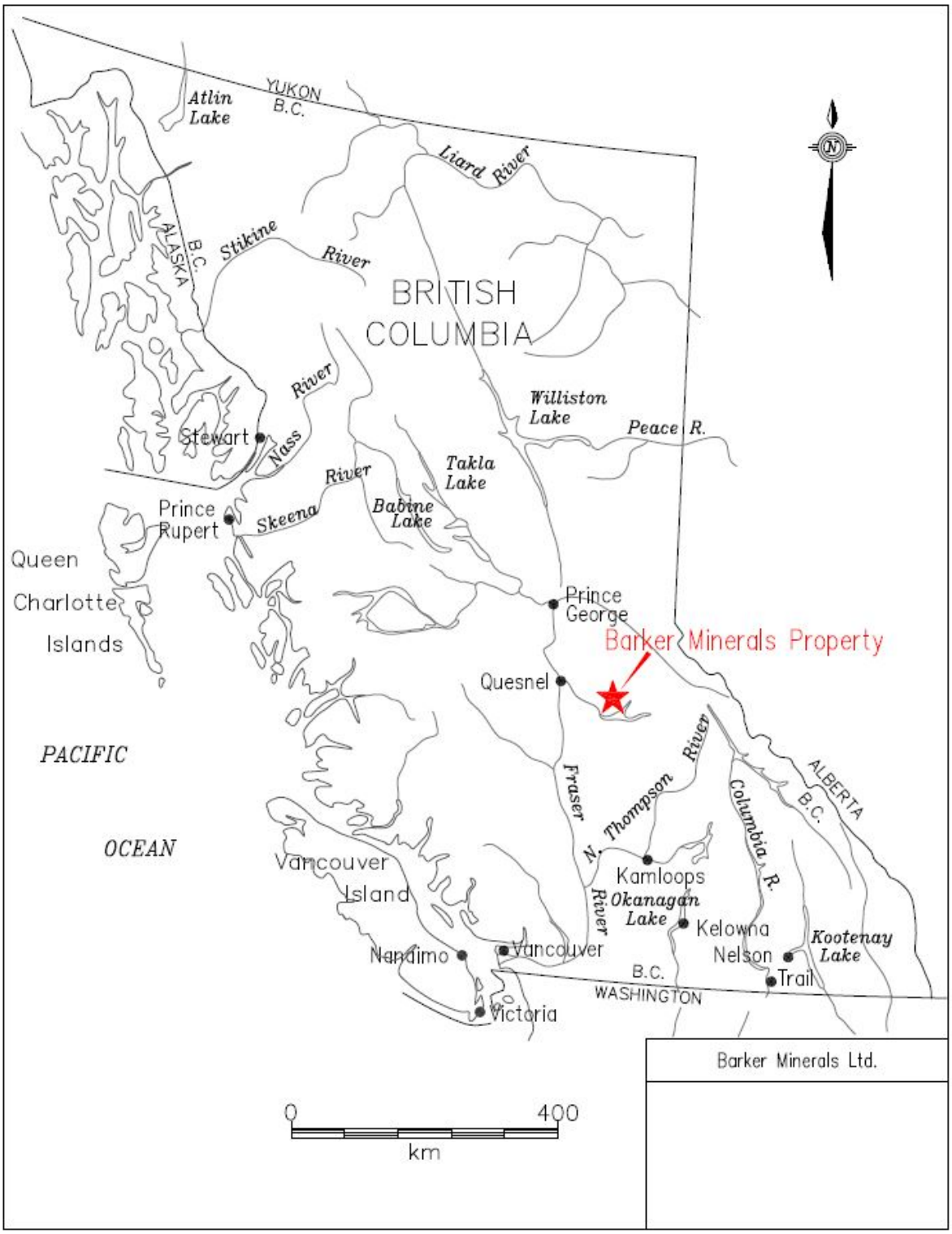


Figure No. 1 - Barker Minerals Ltd. Ace property location in British Columbia.

4.0 MINERAL CLAIMS

Tenure Number	Owner No.	Owner	Status	Area (ha)
1106204	140410	Barker Minerals Ltd. 100%	Good	19.58
1106205	140410	Barker Minerals Ltd. 100%	Good	19.58
1106206	140410	Barker Minerals Ltd. 100%	Good	11,578.17
1106207	140410	Barker Minerals Ltd. 100%	Good	528.49

Total Area is **12,145.82 ha**

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

Figure No: 2

Barker Minerals Ltd.

Ace Property Keymap of 2024/2025 Work Areas and Claim Boundaries

Cariboo Mining Division, B.C.

Claim Numbers: 1106204, 1106205, 1106206 and 1106207

Date: July 17, 2025 Mapsheet: 93A075

Legend

- Ace Claims
- BC Mapsheets
- Lakes/Rivers
- Roads

2025 Work Areas

- Area A-HM Silts
- Area B-HM Silts
- Area B-HM Tills
- Area B-Rocks
- Area C-HM Silts
- Area C-HM Tills

93a084
93a085
93a086
93a074
93a075
93a076
93a065

Area A
Area B
Area C

1106206
1106205
1106207
1106204

Three Creek
Cariboo River
Clair Creek
Levine Creek
Little River
Maeford Lake
Barkers Creek
Roaring Creek
Ishkloo Creek
Marten Creek
Quesnel Lake
Grain Creek
Long Creek

N

Map Datum: NAD83
Zone: 10

Scale:1:70,000

0 0.75 1.5 3 4.5 6 Kilometers

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

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.

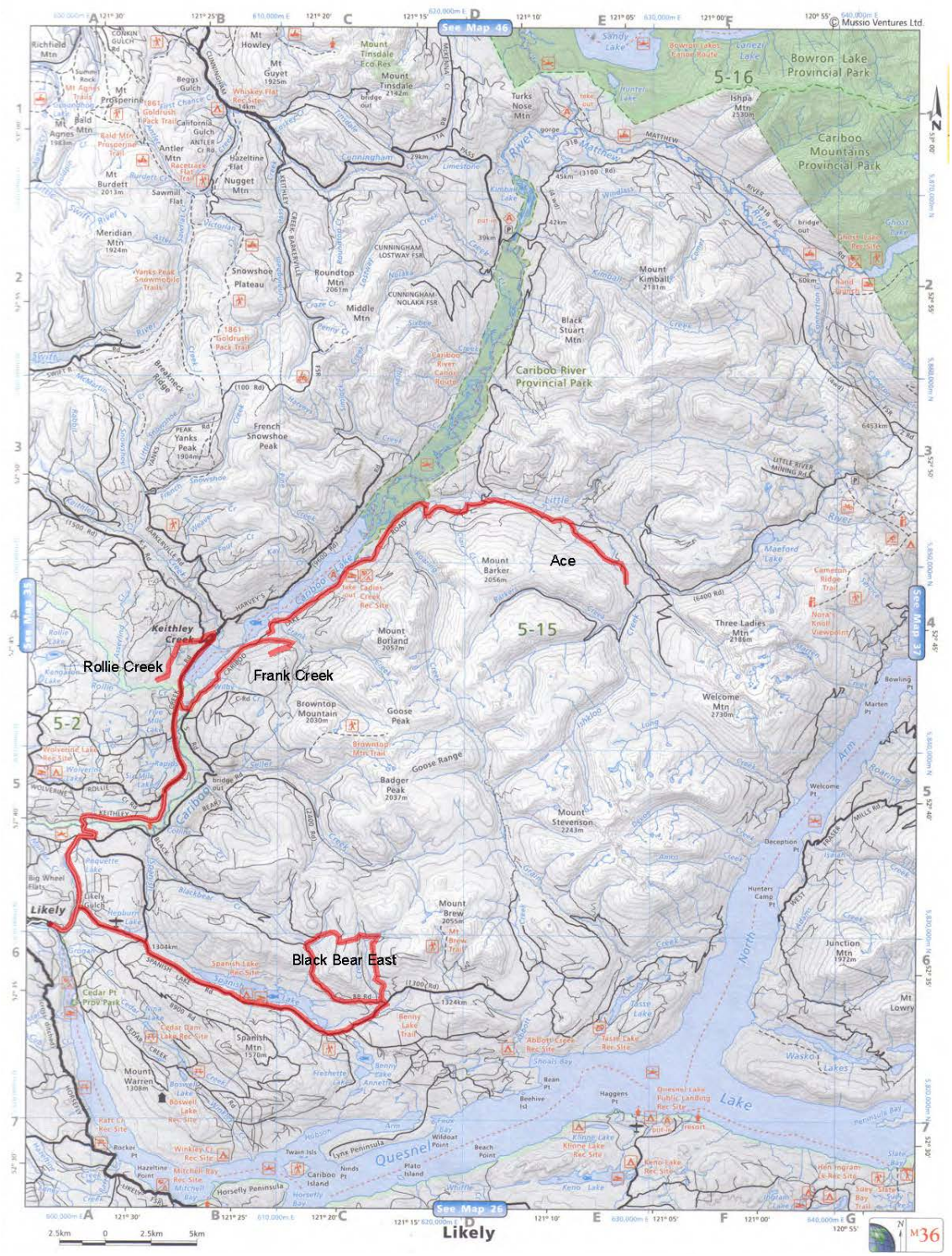


Figure No. 3 - Access roads from Likely to Barker Minerals' properties.

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, B.C. 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

6.1.17 Work done 2022

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. Samples were collected in the field and dried at Barker's field office in Quesnel, B.C. Once broken apart and dried the samples were then fine sieved through a series of fining down screen mesh sizes in preparation for analysis.

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.

6.1.18 Work done 2023

There were 45 soil and 142 rock samples collected in the field to be processed and analyzed at Barker's field office in Quesnel, B.C. (See Appendix G)

Previous studies and geochemical programs have determined that the tills and overburden is deep and extensive in this area of the Cariboo. Previous glacial studies also determined multiple glacial events occurred in the geological past which had major ice movement in different direction. These detriments make exploration geochemical results much more difficult to rely on due to the uncertainties and irregularities in geochemical patterns from the glacially diluted environment. As such, a larger volume of soil material than normal was screened for each sample collected.

Ace 2023-2024 Soil and Rock Sample Summary

Ishkloo (Area A) Soil samples

This limited soil survey has provided an initial geochemical snapshot of a small area to follow up on with more extensive surveys. There were five samples with anomalous arsenic with most other elements on the low range of values. Arsenic is an important pathfinder mineral on the Ace property as well as other places in the world where Orogenic Intrusive gold deposits occur.

Ishkloo (Area B) Soil samples

This initial soil survey has also provided an initial geochemical snapshot of a small area to follow up on with more extensive surveys. There were 10 samples with anomalous arsenic and 1 sample had 6.9 ppm Au and most other elements on the low range of values. Arsenic is an important pathfinder mineral on the Ace property as well as other places in the world where Orogenic Intrusive gold deposits occur.

Ishkloo (Area C) Rock samples

Most of the rocks collected were well weathered and oxidized float or sub outcrop. The main rock types found were highly altered quartz mica schist which in the Ace core is associated with high grades of gold in float and outcrop. Of the 80 rock samples from this work area 7 samples were anomalous in copper, 5 were anomalous in zinc and one sample (123-06) was 22.93 ppm gold.

Colleen Rd. (Area D) Rock samples

This work area in the Ace core had historic massive sulphide and quartz vein float samples strewn over a large area. This area requires more follow up now that significant log harvesting activities have opened up this high potential area. Of the 21 float samples collected 4 had anomalous zinc and 3 samples anomalous copper and one sample had 1.6 ppm gold.

Most rock samples in this area were quartz mica schist plus/minus garnet. Trenching and drilling should be planned on the most promising target areas.

Joe Road Area E

Area E has had little past work until now with recent logging activities creating an opportunity to gather further geological information in order to help define target areas for follow up trenching and drilling. Of the 41 float samples collected 5 were anomalous in zinc, 6 samples were anomalous in copper and one sample kicked 17.7 ppm gold.

Most rock samples in this area were quartz mica schist plus/minus garnet. Trenching and drilling should be planned on the most promising target areas.

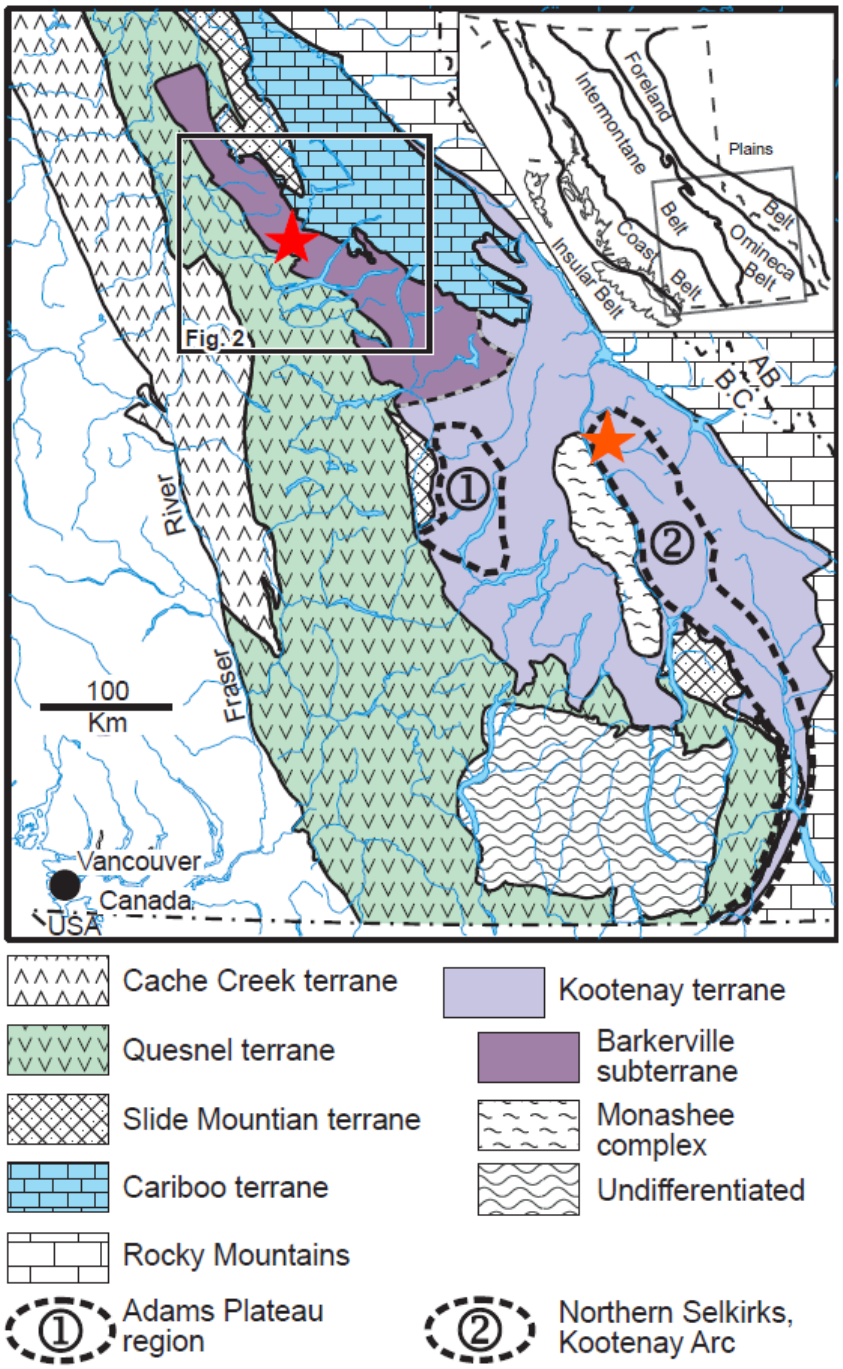


Figure No. 4 - Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by the red star over the Barkerville subterrane. The brown star to the SE is the Barkerville Gold Mine Ltd.' Goldstream volcanogenic massive sulphide deposit. Map is from Ferri, F. & Schiarizza, P., 2006.

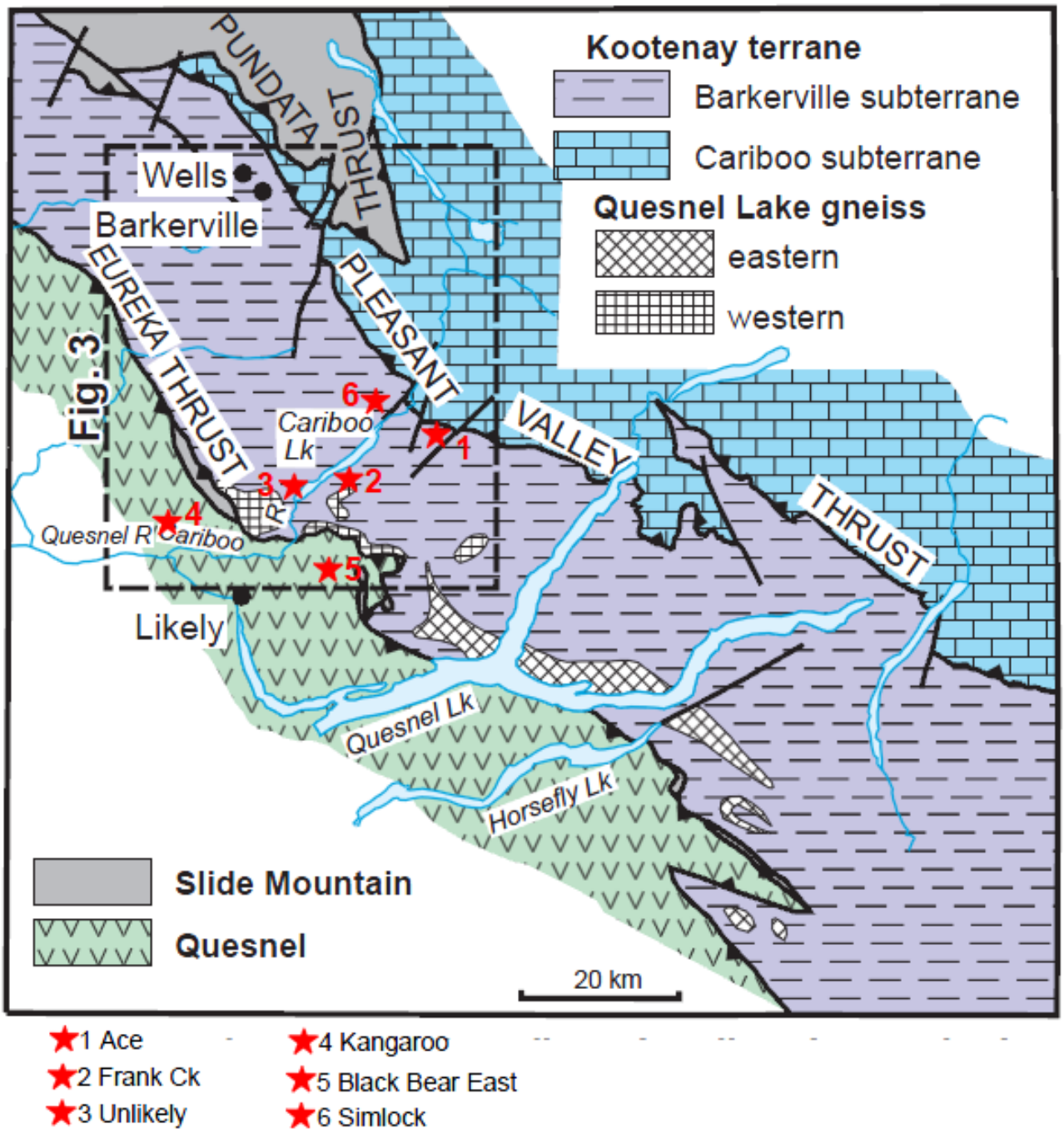


Figure No. 5 - Terrane Map of Cariboo Lake – Wells Area. Several Barker Minerals' properties are indicated by red stars. Map is from Ferri, F. & Schiarizza, P., 2006.

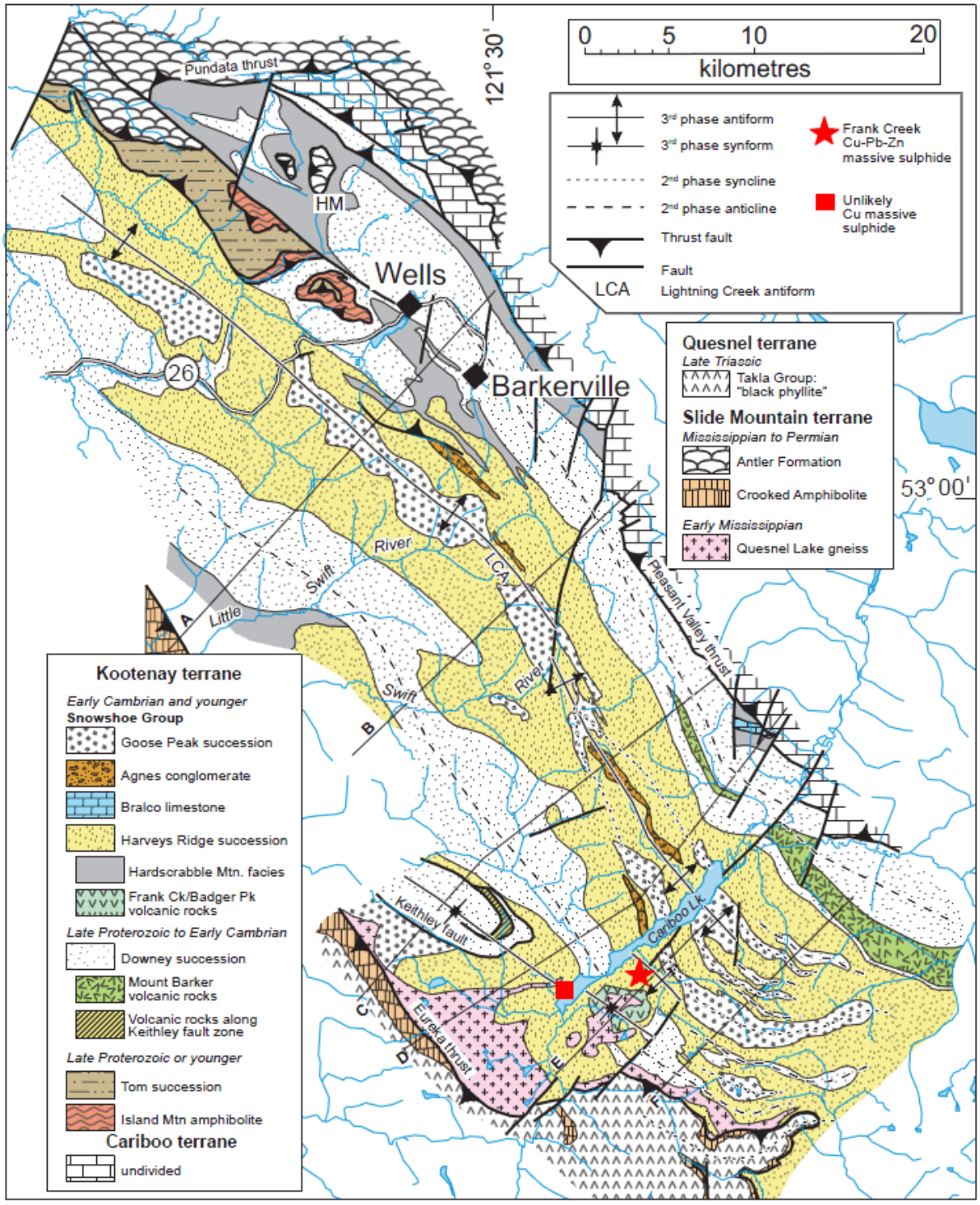


Figure No. 6 - Geology of Wells-Cariboo Lake area. Highlighted on the BCGS map are Barker Minerals' Frank Creek and Unlikely massive sulphide prospects. The Harveys Ridge succession consists of siltstone, quartzite and the Frank Creek volcanics. Map is from Ferri, F. & Schiarizza, P., 2006.

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.

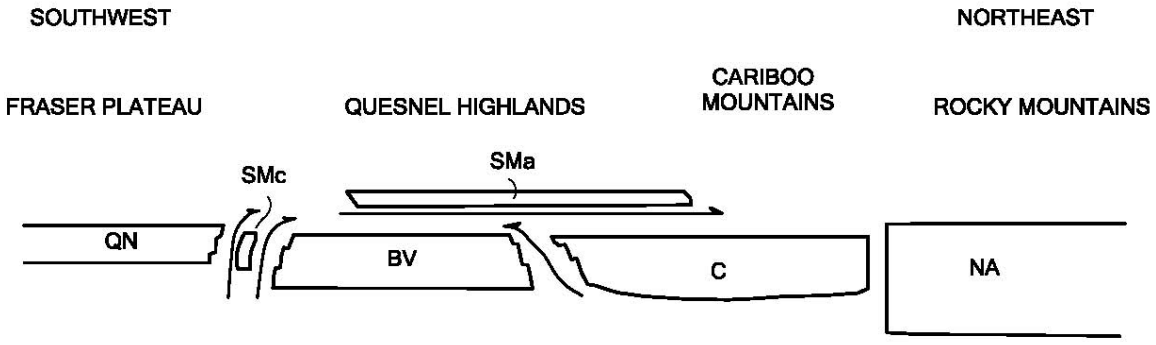


Figure No. 7 - Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain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

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, 2024 and 2025

8.1 Sampling Method and Approach

Rock and soil 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 F. 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

Orogenic and Intrusion Related Gold Deposits

The economic target is gold in quartz veins or within the intrusive rocks hosting the veins.

Rock types most common are quartz-feldspar±muscovite±chlorite±biotite±garnet-bearing schists with and without quartz veining.

The work programs consisted of 59 heavy mineral silt samples collected in three separate target areas, 21 heavy mineral till samples in two work areas and 17 rock samples which were collected from float and sub outcrop in one work area.

The samples collected in the field are processed and analyzed at Barker's field office in Quesnel, B.C. (See Appendix G)

Previous studies and geochemical programs have determined that the tills and overburden is deep and extensive in this area of the Cariboo. Previous glacial studies also determined multiple glacial events occurred in the geological past which had major ice movement in different direction. These detriments make exploration geochemical results much more difficult to rely on due to the uncertainties and irregularities in geochemical patterns from the glacially diluted environment. As such, a larger volume of material than normal was screened for each sample collected.

Ace 2024-2025 Heavy Mineral Silt, Heavy Mineral Till and Rock Sample Summary

The till and silt samples were screened in the field in order to accumulate around three quarters of a five gallon bucket for hand panning and XRF analysis.

The silt and till samples were meticulously hand panned in the 150 mile field office to the finest of fines which at the end of the process almost all samples had an abundance of currently unknown tiny small grained black metallic mineral. It is interesting to note that on the Ace project the GSC and independent expert both stated that the physical gold grains being micro-probed and studied were tiny grains and most were covered with a black Mn coating.

The fine fractions and fractions a bit coarser were observed under a binocular microscope which identified variable of amounts of biotite, garnets, quartz and the ever present black mineral like on the nearby Ace core.

Historically on the Ace project, the combination of a large sample size, hand panned material, optical viewing of various fractions and XRF analysis provides a solid effective exploration strategy to identify “hot” areas and targets for follow up programs. This sample technique has also been effective on the nearby Frank Creek VMS and Gold Project.

Ace (Area A) HM Silt samples

Twenty six silt samples were collected on a brand new logging access road which runs parallel to the F Road below which was one of the two locations of the original gold discovery in 1993. One sample was collected above the road cuts and a second sample was taken upstream to get as broad of coverage as possible during the silt study.

Samples 4k1 and 4k9 both had anomalous gold in the XRF analysis, 15.01 ppm and 16.86 ppm respectively. All samples contained abundances of quartz grains, biotite mica, +/- garnets, and the eventual heaviest material were the tiny grains of black minerals. In previous studies it was believed there may be a black manganese coating of gold particles which can occur in an oxidizing environment in areas associated with Intrusion Related Gold Deposits. This hypothesis is supported by elevated Mn in the geochemical XRF analysis.

A number of samples had elevated As, Ti, and W which also support the Intrusion related gold model. Interestingly one sample with gold also correlated with elevated As, W and Ti up to 8.7%.

Barker Creek Road (Area B) HM Silt samples

Eighteen silt samples were collected on a brand new logging access road which goes to the south side of Mt. Barker and up to Barker’s Creek.

Samples B1 and B4 both had anomalous gold in the XRF analysis, 11.88 ppm and 12.93 ppm respectively. All samples contained abundances of quartz grains, biotite mica, +/- garnets, and the eventual heaviest material were the tiny grains of black minerals. In previous studies it was believed there may be a black manganese coating of gold particles which can occur in an oxidizing environment in areas associated with Intrusion Related Gold Deposits. This hypothesis is supported by elevated Mn in the geochemical XRF analysis.

Three samples had elevated As and W had 11 elevated sample results which also support the Intrusion related gold model.

(Area B) Barker Creek Road HM Till samples

Eleven silt samples were collected on a brand new logging access road which goes to the south side of Mt. Barker and up to Barker's Creek. Samples were collected in an area along the road which had limited drainages to collect silt samples so it was decided to collect the till samples under the same procedure as the silts for heavy mineral study and analysis.

No samples had anomalous gold in the XRF analysis however all samples contained abundances of quartz grains, biotite mica, +/- garnets, and the eventual heaviest material were the tiny grains of black minerals. In previous studies it was believed there may be a black manganese coating of gold particles which can occur in an oxidizing environment in areas associated with Intrusion Related Gold Deposits. This hypothesis is supported by elevated Mn in the geochemical XRF analysis.

Seven samples had elevated As and W had six elevated sample results which also support the Intrusion related gold model.

(Area B) Barker Creek Road Rock samples

Seventeen quartz vein samples were collected in an area on the Barker Creek road where current road building activities have been, and still are ongoing, opening up the area for new timber harvesting.

During 2024 the road builders were exposing areas of outcrop including rock blasting which will provide fresh bedrock samples in 2025. Bedrock being exposed includes limestone outcrops, sericitic and micaceous schists, obvious blocks of intrusive rocks are abundant in the area which was to be blasted in 2024 and early 2025. Quartz vein material is abundant in the stream and river loads which indicate significant quartz vein outcrop nearby associated with the above observed rock types.

Most of the rocks collected were well weathered oxidized quartz vein float or sub outcrop quartz veins. The quartz vein rock samples did not yield any anomalous gold but with the pathfinder minerals identified by XRF analysis and optical viewing identifying quartz, biotite, garnets and an unidentified heavy black coated metal from hand panning the areas sampled identify still identify the potential for a fertile orogenic intrusion related model.

(Area C) Barker Creek Road Ishkloo Creek HM Silt samples

Fifteen silt samples were collected around and on Ishkloo Creek on a brand new logging access road which goes to the south side of Mt. Barker and up to Barker's Creek.

Sample C3 had anomalous gold in the XRF analysis, 16.91 ppm with all samples containing abundances of quartz grains, biotite mica, +/- garnets, and the eventual heaviest material were the tiny grains of black minerals. In previous studies it was believed there may be a black manganese coating of gold particles which can occur in an oxidizing environment in areas associated with Intrusion Related Gold Deposits. This hypothesis is supported by elevated Mn in the geochemical XRF analysis. It is possible that the unidentified black

mineral may be titanium minerals as per the XRF analysis? Further studies will identify the black mineral and its relevance.

One sample had elevated As and W had 5 elevated sample results which like the other work that also support the Intrusion related gold model.

(Area C) Barker Creek Road Ishkloo Creek HM Till samples

Ten Till samples were collected around Ishkloo Creek on a brand new logging access road which goes to the south side of Mt. Barker and up to Barker's Creek. Samples were collected in an area along the road which had limited drainages to collect silt samples so it was decided to collect the till samples under the same procedure as the silts for heavy mineral study and analysis.

No samples had anomalous gold in the XRF analysis however all samples contained abundances of quartz grains, biotite mica, +/- garnets, and the eventual heaviest material were the tiny grains of black minerals. In previous studies it was believed there may be a black manganese coating of gold particles which can occur in an oxidizing environment in areas associated with Intrusion Related Gold Deposits. This hypothesis is supported by elevated Mn in the geochemical XRF analysis.

One sample had elevated As and W had five elevated sample results which also support the Intrusion related gold model and indicate nearby intrusions.

9.0 CONCLUSIONS

Tungsten (W), Arsenic (As), Titanium (Ti) as Pathfinders: The presence of these elements, particularly tungsten and arsenic, in anomalous concentrations is a classic geochemical signature of gold-bearing hydrothermal systems, especially those related to intrusions. They act as "pathfinders" that indicate the presence of the mineralizing fluids that also carry gold.

Limestone (Reactive Host Rock): The interaction of gold-bearing fluids with chemically reactive rocks like limestone is a well-established mechanism for gold deposition. Limestone provides a chemical trap (e.g., through sulfidation of iron in the rock) that causes gold to precipitate out of solution. The potential for skarn development (which can be gold-bearing) at the contact of an intrusion with limestone is also a significant factor.

Biotite Mica (Alteration Indicator): While biotite is common, its presence in specific alteration assemblages (e.g., potassic alteration proximal to the intrusion, or sericitic alteration within the hydrothermal halo) can vector towards the gold mineralization. Changes in the type and intensity of mica can indicate proximity to gold.

Quartz Veins (Fluid Conduits and Ore Hosts): Quartz veins are paramount. They represent the pathways through which the gold-bearing fluids circulated and where gold itself precipitated. The density, orientation, and characteristics of these veins (e.g., presence of sulfides, textures) are crucial for assessing the economic potential.

Garnets (Skarn/High-Temperature Indicator): The presence of garnets often signifies a higher-temperature alteration environment, specifically skarn formation. While not always

directly hosting economic gold, skarns are commonly found in the broader halo of intrusion-related systems and can be important gold targets themselves or indicate proximity to the main gold-bearing veins.

It's not just about one or two of these components being present; it's the **co-occurrence and spatial relationship** of all of them that makes a compelling exploration target. This suite of indicators paints a coherent picture of a hydrothermal system capable of generating gold mineralization:

- An intrusion (inferred by the pathfinders and potentially geophysical signatures) provide the heat and fluids.
- The fluids interact with reactive host rocks (limestone) leading to gold deposition.
- The fluids travel through structural conduits (quartz veins) where gold could accumulate.
- Specific alteration minerals (biotite, garnets) form as a result of these processes.

Historic work in the Ace Property area determined gold occurs in quartz veins on the property. The 2024/2025 sampling program was of limited scope. The previous elevated gold values on the property 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

1. **Detailed geological mapping:** To define the extent of the alteration, the distribution and orientation of quartz veins, and the contact relationships between the intrusion and host rocks.
2. **Systematic geochemical sampling:** To confirm and delineate the anomalies of gold and pathfinder elements in rock, soil, and stream sediments.
3. **Geophysical surveys:** To identify the buried intrusion (e.g., magnetic, gravity surveys), map structures (e.g., electromagnetics, resistivity), and potentially detect sulfide mineralization (e.g., induced polarization).
4. **Target generation and drilling:** Based on the integrated geological, geochemical, and geophysical data, specific drill targets would be defined to test for economic gold mineralization.

In summary, the presence of tungsten, arsenic, and titanium anomalies, coupled with the right host rock (limestone), the presence of quartz veins, and characteristic alteration minerals like biotite and garnets, creates a highly prospective "fingerprint" for an Orogenic intrusion-related gold deposit, making it a very valid and exciting exploration target.

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

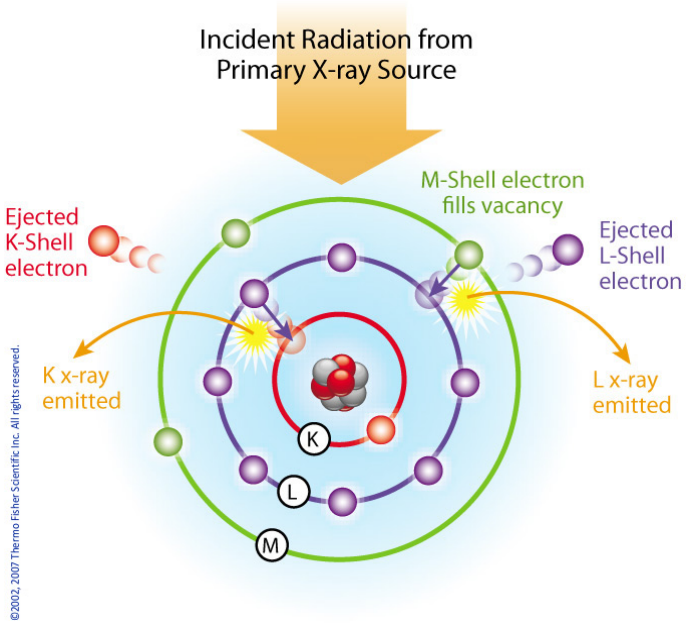
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

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 1, 2024 to March 13, 2025

Work was done on claim no. 1106206

Event # 6061159

Ace Property - Geological - Office

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

Ace Property - Geological - Field

Louis Doyle				
Heavy mineral silt & till sample collection	July 8, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 9, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 10, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 11, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 12, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 13, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 14, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 15, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 16, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 17, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 18, 2024	1	$ 600.00	$ 600.00
Heavy mineral silt & till sample collection	July 19, 2024	1	$ 600.00	$ 600.00
Vehicle & gas		12	$ 150.00	$ 1,800.00
Room & board		12	$ 100.00	$ 1,200.00
Colleen Doyle				
Heavy mineral silt & till sample collection	July 8, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 9, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 10, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 11, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 12, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 13, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 14, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 15, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 16, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 17, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 18, 2024	1	$ 300.00	$ 300.00
Heavy mineral silt & till sample collection	July 19, 2024	1	$ 300.00	$ 300.00
Room & board		12	$ 100.00	$ 1,200.00
				$ 15,000.00

Barker Minerals Ltd.
Work was completed between July 1, 2024 to March 13, 2025
Work was done on claim no. 1106206
Event # 6061159

Ace Property - Geochemical - Camp

Louis Doyle

Silt & till sample preparation	August 13, 2024	1	$	600.00	$	600.00
Silt & till sample preparation	August 14, 2024	1	$	600.00	$	600.00
Silt & till sample preparation	August 15, 2024	1	$	600.00	$	600.00
Silt & till sample preparation	August 16, 2024	1	$	600.00	$	600.00
Silt & till sample preparation	August 17, 2024	1	$	600.00	$	600.00
Room & board		5	$	100.00	$	500.00
					$	**3,500.00**

Ace Property - Travel

Louis Doyle

Travel in/out	July 7, 2024	1	$	600.00	$	600.00
Travel in/out	July 20, 2024	1	$	600.00	$	600.00
Room & board		2	$	100.00	$	200.00
Vehicle & gas		2	$	150.00	$	300.00

Colleen Doyle

Travel in/out	July 7, 2024	1	$	300.00	$	300.00
Travel in/out	July 20, 2024	1	$	300.00	$	300.00
Room & board		2	$	100.00	$	200.00
					$	2,500.00

Ace Property - Misc. expenditures

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

Exploration supplies & equipment					$	235.00
First aid equipment		12	$	50.00	$	600.00
Communication devices						
Hand held radios, satelite phones & SPOT locators		12	$	24.00	$	288.00
				Sub-total	**$**	**1,123.00**

Ace Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**2,800.00**
Geological - Field	**Sub-total**	**$**	**15,000.00**
Geochemical Camp	**Sub-total**	**$**	**3,500.00**
Travel	**Sub-total**	**$**	**2,500.00**
Misc. expenditures	**Sub-total**	**$**	**1,123.00**
	Ace Expenditure Total	**$**	**24,923.00**

Barker Minerals Ltd.

Work was completed between July 4, 2024 to June 14, 2025

Work was done on claim no. 1106206

Event # 6072557

Ace Property - Geological - Office

	Date	Days	Rate	Sub-total
Louis Doyle				
Report writing		5	$ 600.00	$ 3,000.00
Planning & managing		2	$ 600.00	$ 1,200.00
Room & board		7	$ 100.00	$ 700.00
Brenda Bye				
Map prep		4	$ 500.00	$ 2,000.00
Room & board		4	$ 100.00	$ 400.00
				$ 7,300.00

Ace Property - Geological - Field

	Date	Days	Rate	Sub-total
Louis Doyle				
Silt & till sample collection	July 24, 2024	1	$ 600.00	$ 600.00
Silt & till sample collection	July 25, 2024	1	$ 600.00	$ 600.00
Silt & till sample collection	July 256, 3024	1	$ 600.00	$ 600.00
Room & board		3	$ 100.00	$ 300.00
Vehicle & gas		3	$ 150.00	$ 450.00
Colleen Doyle				
Silt & till sample collection	July 24, 2024	1	$ 300.00	$ 300.00
Silt & till sample collection	July 25, 2024	1	$ 300.00	$ 300.00
Silt & till sample collection	July 256, 3024	1	$ 300.00	$ 300.00
Room & board		3	$ 100.00	$ 300.00
				$ 3,750.00
Louis Doyle				
Rock sample collection	October 9, 2024	1	$ 600.00	$ 600.00
Rock sample collection	October 10, 2024	1	$ 600.00	$ 600.00
Rock sample collection	October 11. 2024	1	$ 600.00	$ 600.00
Rock sample collection	October 12, 2024	1	$ 600.00	$ 600.00
Rock sample collection	October 13, 2024	1	$ 600.00	$ 600.00
Rock sample collection	October 14, 2024	1	$ 600.00	$ 600.00
Room & board		6	$ 100.00	$ 600.00
Vehicle & gas		6	$ 150.00	$ 900.00
				$ 5,100.00

Barker Minerals Ltd.

Work was completed between July 4, 2024 to June 14, 2025

Work was done on claim no. 1106206

Event # 6072557

Ace Property - Geochemical

Brian Hall- XRF operator						
Sample analysis	November 20, 2024	1	$	600.00	$	600.00
Sample analysis	January 18, 2025	1	$	600.00	$	600.00
Sample analysis	January 29, 2025	1	$	600.00	$	600.00
Room & board		3	$	100.00	$	300.00
Louis Doyle						
XRF Sample prep	November 20, 2024	1	$	600.00	$	600.00
XRF Sample prep	January 18, 2025	1	$	600.00	$	600.00
Heavy mineral panning	November 1, 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 2, 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 3, 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 4. 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 5, 2025	1	$	600.00	$	600.00
Heavy mineral panning	November 6, 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 7, 2024	1	$	600.00	$	600.00
Heavy mineral panning	November 8, 2024	1	$	600.00	$	600.00
Room & board		10	$	100.00	$	1,000.00
XRF rental		3	$	300.00	$	900.00
					$	**10,000.00**

Ace Property - Travel

Louis Doyle						
Travel in/out	July 23, 2024	1	$	600.00	$	600.00
Travel in/out	October 8, 2024	1	$	600.00	$	600.00
Room & board		2	$	100.00	$	200.00
Vehicle & gas		2	$	150.00	$	300.00
Colleen Doyle						
Travel in/out	July 23, 2024	1	$	300.00	$	300.00
Room & board		1	$	100.00	$	100.00
					$	**2,100.00**

Barker Minerals Ltd.

Work was completed between July 4, 2024 to June 14, 2025

Work was done on claim no. 1106206

Event # 6072557

Ace Property - Misc. expenditures

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

Exploration supplies & equipment			$	250.00
First aid equipment	6	$ 50.00	$	300.00
Communication devices				
Hand held radios, satelite phones & SPOT locators	6	$ 24.00	$	144.00
		Sub-total	**$**	**694.00**

Ace Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**7,300.00**
Geological Field - Rock Collection	**Sub-total**	**$**	**5,100.00**
Geological - Field - Till Collections	**Sub-total**	**$**	**3,750.00**
Geochemical	**Sub-total**	**$**	**10,000.00**
Travel	**Sub-total**	**$**	**2,100.00**
Misc. expenditures	**Sub-total**	**$**	**694.00**
	Ace Expenditure Total	**$**	**28,944.00**

APPENDIX F

Sample Locations and Descriptions

Appendix F

Ace 2021 & 2025 Sample Locations
Area A - HM Silts (Heavy Mineral Silts)

Sample #	UTM E	UTM N	Description	Visible Gold
4k-1	627987	5849626	Garnets, biotite, quartz, black heavies	N
4k-1a	627925	5849580	Garnets, biotite, quartz, black heavies	N
4k-2	628064	5849567	Biotite, quartz, black heavies	?
4k-2a	627969	5849510	Biotite, quartz, black heavies	N
4k-3	628275	5849223	Biotite, quartz, black heavies	N
4k-3a	628154	5849179	Biotite, quartz, black heavies	?
4k-3A	628307	5849213	Garnets, biotite, quartz, black heavies	?
4k-3Aa	628174	5849107	Garnets, biotite, quartz, black heavies	N
4k-4	628190	5849350	Biotite, quartz, black heavies	N
4k-4a	628090	5849306	Biotite, quartz, black heavies	?
4k-5	628163	5849395	Biotite, quartz, black heavies	?
4k-5a	628062	5849359	Biotite, quartz, black heavies	?
4k-6	628006	5849675	Garnets, biotite, quartz, black heavies	N
4k-6a	627909	5849671	Garnets, biotite, quartz, black heavies	?
4k-6A	627960	5849721	Garnets, biotite, quartz, black heavies	N
4k-6Aa	627843	5849699	Garnets, biotite, quartz, black heavies	N
4k-7	627939	5849821	Garnets, biotite, quartz, black heavies	?
4k-7a	627810	5849796	Garnets, biotite, quartz, black heavies	N
4k-8	627898	5849978	Biotite, quartz, black heavies	N
4k-8a	627635	5849820	Biotite, quartz, black heavies	N
4k-9	627879	5849994	Garnets, biotite, quartz, black heavies	N
4k-9a	627757	5849964	Garnets, biotite, quartz, black heavies	?
4k-9A	627852	5849996	Biotite, quartz, black heavies	?
4k-9Aa	627737	5850026	Biotite, quartz, black heavies	N
4k-9B	627789	5850129	Biotite, quartz, black heavies	N
4k-9Ba	627700	5850098	Biotite, quartz, black heavies	?

Appendix F

Ace 2024 & 2025 Sample Locations
Area B - HM Silts (Heavy Mineral Silts)

Sample #	UTM E	UTM N	Description	Visible Gold
B1	626419	5845917	Biotite, quartz, black heavies	N
B2	626426	5845891	Garnets, biotite, quartz, black heavies	N
B3	626436	5845778	Quartz, black heavies	?
B4	626354	5845860	Garnets, biotite, quartz, black heavies	N
B5	626217	5845831	Quartz, black heavies	N
B6	626103	5845627	Quartz, black heavies	N
B7	626067	5845800	Biotite, quartz, black heavies	N
B8	626181	5845988	Quartz, black heavies	N
B9	626452	5845579	Biotite, quartz, black heavies	N
B10	626587	5845993	Garnets, biotite, quartz, black heavies	?
B11	626470	5846155	garnets, biotite, quartz, black heavies	?
B12	626686	5846058	Garnets, biotite, quartz, black heavies	?
B13	626556	5845906	Quartz, black heavies	N
B14	626680	5845953	Garnets, biotite, quartz, black heavies	N
B15	626789	5846037	Quartz, black heavies	N
B16	626896	5846110	Garnets, biotite, quartz, black heavies	N
B17	626984	5846171	Quartz, black heavies	N
B18	627082	5846246	Garnets, biotite, quartz, black heavies	N

Appendix F **Ace 2024 & 2025 Sample Locations**

Area B - HM Tills (Heavy Mineral Tills)

Sample #	UTM E	UTM N	Description	Magnetic
BT1	628243	5845936	Garnets, biotite, quartz, black heavies	Y
BT2	628202	5846098	Quartz, black heavies	Y
BT3	628187	5846296	Garnets, biotite, quartz, black heavies	Y
BT4	628063	5846429	Quartz, black heavies	Y
BT5	627935	5846550	Biotite, quartz, black heavies	Y
BT6	627807	5846664	Quartz, black heavies	Y
BT7	627620	5846656	Quartz, black heavies	Y
BT8	627485	5846593	Garnets, biotite, quartz, black heavies	Y
BT9	627354	5846492	Biotite, quartz, black heavies	Y
BT10	627253	5846402	Biotite, quartz, black heavies	Y
BT11	627167	5846309	Garnets, biotite, quartz, black heavies	Y

Appendix F

Ace Property 2024 & 2025 Sample Locations
Area B - Rock Samples

Sample #	UTM E	UTM N	Description	Magnetic
BR1	626432	5845933	Quartz Vein in altered schist outcrop Py/Po	Y
BR2	626434	5845928	Quartz Vein in altered schist outcrop Py/Po	Y
BR3	626419	5845928	Quartz Vein in altered schist outcrop Py/Po	Y
BR4	626415	5845905	Quartz vein float barren	N
BR5	626416	5845881	Quartz vein float barren	N
BR6	626424	5845850	Quart vein float vuggy	N
BR7	626434	5845803	Quart vein float vuggy	N
BR8	626390	5845899	Quartz vein float Po, Py	Y
BR9	626382	5845894	Quartz vein float barren	N
BR10	626366	5845879	Quartz vein float barren	N
BR11	626359	5845891	Quartz vein float Po, Py	Y
BR12	626455	5845976	Quart vein float vuggy	N
BR13	626475	5845897	Quartz vein float barren	N
BR14	626515	5845901	Quartz vein float Po, Py	Y
BR15	626534	5845908	Quart vein float vuggy	N
BR16	626543	5845890	Quart vein float vuggy	N
BR17	626334	5845858	Quartz vein float barren	N

Appendix F

Ace 2021 & 2025 Sample Locations
Area C - HM Silts (Heavy Mineral Silts)

Sample #	UTM E	UTM N	Description	AU VG
C1	628330	5845896	Quartz, black heavies	N
C2	628300	5845842	Garnets, biotite, quartz, black heavies	?
C3	628268	5845829	Quartz, black heavies	N
C4	628309	5845783	Garnets, biotite, quartz, black heavies	N
C5	628312	5845731	Quartz, black heavies	N
C6	628234	5845719	Quartz, black heavies	?
C7	628385	5845704	Biotite, quartz, black heavies	N
C8	628319	5845695	Garnets, biotite, quartz, black heavies	?
C9	628323	5845621	Biotite, quartz, black heavies	?
C10	628276	5845598	Garnets, biotite, quartz, black heavies	N
C11	628379	5845588	Garnets, biotite, quartz, black heavies	N
C12	628323	5845510	Quartz, black heavies	?
C13	628352	5845424	Quartz, black heavies	N
C14	628343	5845357	Garnets, biotite, quartz, black heavies	N
C15	628379	5845359	Quartz, black heavies	?

Appendix F

Ace 2024 & 2025 Sample Locations
Area C - HM Tills (Heavy Mineral Tills)

Sample #	UTM E	UTM N	Description	Magnetic
CT1	629193	5847656	Biotite, quartz, black heavies	Y
CT2	629044	5847538	Biotite, quartz, black heavies	Y
CT3	628903	5847351	Biotite, quartz, black heavies	Y
CT4	628779	5847173	Garnets, biotite, quartz, black heavies	Y
CT5	628716	5846932	Quartz, black heavies	Y
CT6	628649	5846732	Quartz, black heavies	Y
CT7	628546	5846564	Biotite, quartz, black heavies	Y
CT8	628491	5846375	Garnets, biotite, quartz, black heavies	Y
CT9	628434	5846147	Biotite, quartz, black heavies	Y
CT10	628384	5845892	Quartz, black heavies	Y

APPENDIX G

Sample Location Maps with XRF Geochemical Results

630000

585000

Little River

Ishkloo Creek

4k-9B
4k-9Aa
4k-9A
4k-9
4k-9a
4k-8
4k-8a
4k-7a
4k-7
4k-6A
4k-6Aa
4k-6a
4k-6
4k-1
4k-1a
4k-2
4k-2a
4k-5
4k-5a
4k-4
4k-4a
4k-3
4k-3a
4k-3A
4k-3Aa

93a075
1106206

Ace Property
Work Area A HM Silts Samples
As, Au, W Results (ppm)

Sample #	AS (ppm)	AU (ppm)	W (ppm)
4k-1	8.85	15.01	56.33
4k-1a	0	0	
4k-2	0	0	
4k-2a	0	0	45.43
4k-3	0	0	
4k-3a	0	0	
4k-3A	0	0	81.9
4k-3Aa	0	0	127.9
4k-4	10.22	0	47.8
4k-4a	7.25	0	44.0
4k-5	0	0	27.8
4k-5a	0	0	0.0
4k-6	4.39	0	0.0
4k-6a	0	0	0.0
4k-6A	0	0	0.0
4k-6Aa	0	0	23.9
4k-7	4.56	0	0.0
4k-7a	5.7	0	0.0
4k-8	0	0	0.0
4k-8a	0	0	0.0
4k-9	12.64	16.86	0.0
4k-9a	0	0	0.0
4k-9A	0	0	23.9
4k-9Aa	0	0	0.0
4k-9B	4.37	0	0.0
4k-9Ba	0	0	0.0

N

Map Datum: NAD83
Zone: 10

Scale: 1:15,000

Barker Minerals Ltd.

Ace Property
2024/2025 Work Area A
HM Silt Sample Locations, numbers, and AS, AU, and W Geochemistry
Cariboo Mining Division, B.C.
Claim Numbers: 1106204, 1106205, 1106206 and 1106207

Mapsheet: 93A.075 Date: July 17, 2025

Legend

- Ace Claims
- Area A HM Silts
- ROAD
- BC Mapsheets
- Lakes/Rivers
- Streams

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

Appendix G - Area A HM Silt Sample Locations and Geochemistry Results 2024/2025

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb
4k1	ppm	< LOD : 8.10	1446.47	102.33	15.31	11.07	15.55	< LOD : 11.81
4k1a	ppm	6.89	131.36	32.9	< LOD : 3.67	8.2	2.62	< LOD : 3.92
4k2	ppm	6.19	97.8	15.36	< LOD : 2.02	2.97	26.25	< LOD : 2.83
4k2a	ppm	6.92	24.95	17.54	< LOD : 3.26	1.86	24.48	< LOD : 3.30
4k3	ppm	10.03	81.34	26.06	< LOD : 3.44	3.13	< LOD : 2.37	< LOD : 3.80
4k3a	ppm	9.29	42.84	19.84	< LOD : 3.40	2.86	< LOD : 2.20	< LOD : 3.62
4K3A	ppm	< LOD : 3.66	555.12	119.54	< LOD : 6.46	13.71	17.59	< LOD : 8.45
4K3Aa	ppm	< LOD : 4.96	977.13	146.46	8.94	13.47	27.14	< LOD : 8.75
4k4	ppm	< LOD : 6.22	935.07	189.81	18.1	25.37	29.74	< LOD : 9.80
4k4a	ppm	< LOD : 5.30	606.62	152.46	9.86	26.61	35.69	< LOD : 9.34
4k5	ppm	< LOD : 2.63	124.91	150.26	< LOD : 4.86	24.27	13.42	< LOD : 5.40
4k5a	ppm	< LOD : 1.50	136.97	166.46	5.47	25.44	11.26	< LOD : 4.92
4k6	ppm	< LOD : 3.12	165.59	209.23	8.6	44.2	8.58	< LOD : 5.46
4k6a	ppm	< LOD : 3.11	163.48	207.37	< LOD : 6.03	47.97	11.27	< LOD : 5.80
4k6A	ppm	< LOD : 1.50	101.98	152	< LOD : 4.63	29.33	11.44	< LOD : 4.84
4k6Aa	ppm	< LOD : 1.50	128.39	150.83	6.27	23.16	10.25	< LOD : 5.21
4k7	ppm	< LOD : 3.15	126.25	222.23	7.85	57.77	10.76	< LOD : 5.82
4k7a	ppm	< LOD : 3.26	139.15	199.81	< LOD : 6.40	46.12	11.26	< LOD : 5.73
4k8	ppm	< LOD : 1.50	113.65	215.74	6.33	38.73	13.43	< LOD : 4.87
4k8a	ppm	< LOD : 1.50	103.66	206.08	< LOD : 4.80	30.99	9.1	< LOD : 5.14
4k9	ppm	< LOD : 9.78	2631.22	125.28	17.35	13.44	30.28	< LOD : 11.94
4k9a	ppm	< LOD : 3.04	123.38	219.94	7.87	58.63	7.43	< LOD : 5.59
4k9B	ppm	< LOD : 1.50	126.29	186.03	5.83	29.37	10.11	< LOD : 4.31
4k9Ba	ppm	< LOD : 1.54	176.2	202.25	< LOD : 4.88	32.66	13.47	< LOD : 5.36
4k9C	ppm	< LOD : 2.66	144.55	224.87	7.53	62.1	8.48	< LOD : 4.96
4K9Ca	ppm	< LOD : 3.06	141.11	204.8	10.67	66.27	12.75	< LOD : 5.96

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	Se	As	Hg	Au	Zn	W
4k1	ppm	< LOD : 6.40	8.85	< LOD : 15.48	15.01	123.41	56.33
4k1a	ppm	< LOD : 2.01	< LOD : 3.02	< LOD : 4.64	< LOD : 4.00	31.15	< LOD : 15.24
4k2	ppm	< LOD : 1.50	< LOD : 1.50	< LOD : 4.38	< LOD : 4.97	18.31	< LOD : 30.38
4k2a	ppm	< LOD : 1.50	< LOD : 1.60	< LOD : 4.55	< LOD : 4.84	29.85	45.43
4k3	ppm	< LOD : 2.10	< LOD : 2.98	< LOD : 4.58	< LOD : 3.89	23.65	< LOD : 15.32
4k3a	ppm	< LOD : 1.98	< LOD : 2.77	< LOD : 4.51	< LOD : 3.82	22.51	< LOD : 15.08
4K3A	ppm	< LOD : 4.41	< LOD : 5.26	< LOD : 300000.00	< LOD : 14.17	81.05	81.88
4K3Aa	ppm	< LOD : 3.26	< LOD : 5.38	< LOD : 300000.00	< LOD : 13.68	86.23	127.89
4k4	ppm	< LOD : 5.60	10.22	< LOD : 12.84	< LOD : 10.15	78.91	47.8
4k4a	ppm	< LOD : 5.28	7.25	< LOD : 11.93	< LOD : 9.90	74.95	44.03
4k5	ppm	< LOD : 1.88	< LOD : 2.65	< LOD : 7.28	< LOD : 8.89	49	27.81
4k5a	ppm	< LOD : 1.59	< LOD : 2.40	< LOD : 6.50	< LOD : 8.37	49.72	< LOD : 22.25
4k6	ppm	< LOD : 3.14	4.39	< LOD : 7.10	< LOD : 6.26	37.74	< LOD : 23.14
4k6a	ppm	< LOD : 3.10	< LOD : 4.26	< LOD : 7.12	< LOD : 6.23	49.19	< LOD : 23.32
4k6A	ppm	< LOD : 1.58	< LOD : 2.40	< LOD : 6.68	< LOD : 8.52	47.26	< LOD : 22.05
4k6Aa	ppm	< LOD : 2.16	< LOD : 2.50	< LOD : 7.04	< LOD : 8.20	41.8	23.9
4k7	ppm	< LOD : 3.19	4.56	< LOD : 7.34	< LOD : 6.43	55.18	< LOD : 24.05
4k7a	ppm	< LOD : 3.27	5.7	< LOD : 7.25	< LOD : 6.86	40.01	< LOD : 24.44
4k8	ppm	< LOD : 2.01	< LOD : 2.35	< LOD : 6.43	< LOD : 7.66	53.78	< LOD : 21.46
4k8a	ppm	< LOD : 2.57	< LOD : 2.55	8.16	< LOD : 8.13	62	< LOD : 21.67
4k9	ppm	< LOD : 6.61	12.64	< LOD : 15.38	16.86	77.72	< LOD : 50.27
4k9a	ppm	< LOD : 2.94	< LOD : 4.26	< LOD : 6.70	< LOD : 6.04	50.03	< LOD : 22.46
4k9B	ppm	< LOD : 1.50	< LOD : 2.08	< LOD : 5.80	< LOD : 7.10	50.87	23.89
4k9Ba	ppm	< LOD : 1.61	< LOD : 2.58	< LOD : 6.96	< LOD : 8.69	54.81	< LOD : 22.60
4k9C	ppm	< LOD : 2.64	4.37	< LOD : 5.94	< LOD : 5.46	53.32	< LOD : 19.41
4K9Ca	ppm	< LOD : 3.10	< LOD : 4.41	< LOD : 6.95	< LOD : 6.50	51.49	< LOD : 22.87

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	Cu	Ni	Co	Fe	Mn	Cr
4k1	ppm	86.2	191.16	< LOD : 512.59	243827.86	15323.73	77.05
4k1a	ppm	< LOD : 10.91	< LOD : 15.65	< LOD : 85.40	24446.56	740.04	< LOD : 28.16
4k2	ppm	< LOD : 10.39	< LOD : 24.20	< LOD : 88.95	17000.63	433.34	< LOD : 248.81
4k2a	ppm	18.05	< LOD : 23.47	< LOD : 80.84	13470.48	< LOD : 1218.38	< LOD : 157.85
4k3	ppm	13.75	< LOD : 14.59	< LOD : 66.08	14843.47	358.51	39.43
4k3a	ppm	15.94	< LOD : 14.28	< LOD : 55.66	10496.98	181.83	< LOD : 21.47
4K3A	ppm	87.08	< LOD : 72.44	291.42	147320.34	7106.31	< LOD : 732.22
4K3Aa	ppm	60.17	< LOD : 69.76	< LOD : 264.30	139652.14	6629.48	< LOD : 670.08
4k4	ppm	98.82	129.03	< LOD : 388.71	169143.09	6930.99	151.92
4k4a	ppm	65.02	82.08	< LOD : 334.50	136170.28	6082.23	146.97
4k5	ppm	25.96	< LOD : 41.22	192.51	30136.97	662.7	< LOD : 178.79
4k5a	ppm	48.08	< LOD : 38.77	< LOD : 125.66	31448.42	832.6	< LOD : 172.46
4k6	ppm	26.86	72.31	< LOD : 115.22	28627.24	685.7	98.52
4k6a	ppm	45.92	71.75	< LOD : 126.33	36349.07	976.81	74.23
4k6A	ppm	45.04	< LOD : 38.32	< LOD : 129.90	36685.53	904.43	< LOD : 196.98
4k6Aa	ppm	42.11	99.43	< LOD : 130.92	31374.95	974.06	< LOD : 207.81
4k7	ppm	41.63	75.94	< LOD : 133.42	37562.06	645.67	100.2
4k7a	ppm	24.64	60.19	< LOD : 142.08	41476.51	1409.45	109.41
4k8	ppm	39.04	< LOD : 37.18	< LOD : 123.60	37711.47	653.78	< LOD : 186.23
4k8a	ppm	41.58	< LOD : 38.81	< LOD : 132.49	44207.63	918.92	< LOD : 172.75
4k9	ppm	92.22	170.82	< LOD : 493.39	222690.81	14137.62	79.84
4k9a	ppm	46.68	90.91	< LOD : 119.75	33394.66	723.97	92.72
4k9B	ppm	36.48	< LOD : 34.04	< LOD : 108.99	32116.81	605.68	< LOD : 169.53
4k9Ba	ppm	40.59	102.12	< LOD : 130.49	34973.47	1027.94	< LOD : 224.22
4k9C	ppm	43.6	74.28	< LOD : 108.37	35849.44	569.73	96.33
4K9Ca	ppm	42.26	92.93	< LOD : 124.92	35504.35	763.87	132.88

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	V	Ti	Sc	Ca	K	S	Ba
4k1	ppm	547.22	82501.44	48.97	10271.19	3054.52	< LOD : 1050.44	< LOD : 83.20
4k1a	ppm	144.17	19000.74	51.89	6850.68	6365.22	< LOD : 589.20	< LOD : 34.20
4k2	ppm	< LOD : 758.37	10475.34		6206.07	2105.83		< LOD : 33.19
4k2a	ppm	< LOD : 481.31	3310.62		6377.84	2258.18		< LOD : 32.01
4k3	ppm	106.27	9079.9	50.52	9618.23	2788.97	< LOD : 480.94	< LOD : 35.32
4k3a	ppm	85.43	8395.38	48.21	8697	2813	< LOD : 463.76	< LOD : 34.09
4K3A	ppm	< LOD : 2061.55	30132.47		11918.9	5832.4		260.61
4K3Aa	ppm	< LOD : 1914.95	25033.67		12765.96	5321.32		266.23
4k4	ppm	337.12	32507.26	71.39	11535.57	4225.7	< LOD : 772.02	< LOD : 76.12
4k4a	ppm	249.38	25559.17	44.24	9444.67	5351.48	< LOD : 634.82	< LOD : 75.17
4k5	ppm	< LOD : 541.44	2396.55		5561.2	8233.47		311.32
4k5a	ppm	< LOD : 522.19	2100.28		5959.55	8512.98		265.21
4k6	ppm	117.65	3516.2	31.78	5491.02	7425.08	< LOD : 410.83	162.34
4k6a	ppm	120.91	4245.76	38.19	6324.4	7674.33	< LOD : 458.92	118.26
4k6A	ppm	< LOD : 596.99	2778.63		5627.07	8834.41		371.85
4k6Aa	ppm	< LOD : 631.97	3816.83		6279.19	5938.63		394.01
4k7	ppm	136.99	4006.17	42.29	6433.31	8511.36	< LOD : 439.17	220.03
4k7a	ppm	136.63	3050.27	39.36	6809.96	8371.05	< LOD : 416.73	106.15
4k8	ppm	< LOD : 564.24	2177.22		6278.32	10064.46		357.3
4k8a	ppm	< LOD : 522.78	1366.43		4429.6	7935.01		375.46
4k9	ppm	506.82	87514.02	45.7	10693.97	3225.57	< LOD : 1026.17	< LOD : 93.48
4k9a	ppm	135.39	3963.58	33.71	5873.59	9694.88	< LOD : 452.31	315.21
4k9B	ppm	< LOD : 511.95	1520.98		5650.37	7821.53		386.19
4k9Ba	ppm	< LOD : 681.47	4466.84		7986.69	7812.35		361.79
4k9C	ppm	112.83	2361.27	35.11	5148.92	9277.4	< LOD : 443.39	325.99
4K9Ca	ppm	95.01	2915.81	28.47	4874.38	9537.61	< LOD : 439.51	385.78

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	Cs	Te	Sb	Sn	Cd	Ag
4k1	ppm	< LOD : 24.55	< LOD : 52.72	< LOD : 18.58	< LOD : 20.33	< LOD : 16.14	< LOD : 30.65
4k1a	ppm	< LOD : 10.62	< LOD : 21.98	< LOD : 7.82	< LOD : 7.64	< LOD : 7.14	< LOD : 11.59
4k2	ppm			< LOD : 11.34	< LOD : 14.64	10.15	< LOD : 14.88
4k2a	ppm			< LOD : 10.98	< LOD : 14.10	13.29	< LOD : 14.51
4k3	ppm	< LOD : 11.00	< LOD : 22.61	< LOD : 8.02	< LOD : 7.87	< LOD : 7.37	< LOD : 12.02
4k3a	ppm	< LOD : 10.58	< LOD : 21.71	< LOD : 7.72	< LOD : 7.53	< LOD : 6.91	< LOD : 11.54
4K3A	ppm			< LOD : 25.22	< LOD : 36.58	< LOD : 12.73	140.94
4K3Aa	ppm			< LOD : 25.31	< LOD : 36.68	< LOD : 12.80	115.95
4k4	ppm	< LOD : 22.12	< LOD : 46.44	< LOD : 16.93	< LOD : 18.22	< LOD : 14.57	< LOD : 27.37
4k4a	ppm	< LOD : 21.98	< LOD : 47.84	< LOD : 16.80	< LOD : 17.80	< LOD : 14.68	< LOD : 26.65
4k5	ppm			< LOD : 17.16	< LOD : 24.51	< LOD : 8.69	< LOD : 79.75
4k5a	ppm			< LOD : 17.45	< LOD : 24.42	< LOD : 8.43	< LOD : 88.38
4k6	ppm	< LOD : 17.31	< LOD : 37.98	< LOD : 13.78	< LOD : 14.89	< LOD : 12.37	< LOD : 38.47
4k6a	ppm	< LOD : 17.30	< LOD : 38.06	< LOD : 13.79	< LOD : 14.55	< LOD : 12.01	< LOD : 21.14
4k6A	ppm			< LOD : 17.13	< LOD : 25.75	< LOD : 8.67	< LOD : 94.57
4k6Aa	ppm			< LOD : 18.26	< LOD : 25.88	< LOD : 8.85	100.45
4k7	ppm	< LOD : 17.50	< LOD : 38.48	< LOD : 14.13	< LOD : 14.90	< LOD : 12.05	< LOD : 21.51
4k7a	ppm	< LOD : 18.04	< LOD : 40.31	< LOD : 14.44	< LOD : 15.23	< LOD : 12.49	< LOD : 22.26
4k8	ppm			< LOD : 18.32	< LOD : 25.71	< LOD : 9.05	< LOD : 70.65
4k8a	ppm			< LOD : 17.14	< LOD : 25.65	< LOD : 8.72	< LOD : 65.69
4k9	ppm	< LOD : 27.54	< LOD : 58.77	< LOD : 21.26	< LOD : 23.19	< LOD : 18.23	< LOD : 52.81
4k9a	ppm	< LOD : 17.38	< LOD : 38.57	< LOD : 13.94	< LOD : 14.82	< LOD : 12.07	< LOD : 42.98
4k9B	ppm			< LOD : 17.61	< LOD : 25.00	< LOD : 8.42	< LOD : 73.43
4k9Ba	ppm			< LOD : 16.58	< LOD : 24.01	< LOD : 8.64	< LOD : 92.20
4k9C	ppm	< LOD : 17.32	< LOD : 38.44	< LOD : 13.85	< LOD : 14.91	< LOD : 12.26	< LOD : 40.96
4K9Ca	ppm	24.43	< LOD : 39.55	< LOD : 14.23	< LOD : 15.37	< LOD : 12.34	< LOD : 62.44

Appendix G
Area A - Heavy Mineral Silts

Sample #	Units	Pd	Nd	Pr	Ce	La	Nb
4k1	ppm	< LOD : 15.70					
4k1a	ppm	< LOD : 6.44					
4k2	ppm		< LOD : 70.66	< LOD : 52.20	< LOD : 43.37	< LOD : 39.92	10.3
4k2a	ppm		< LOD : 68.92	< LOD : 50.77	< LOD : 42.41	< LOD : 38.59	11.58
4k3	ppm	< LOD : 6.42					
4k3a	ppm	< LOD : 5.97					
4K3A	ppm		866.18	561.08	411.24	318.45	100.59
4K3Aa	ppm		793.77	588.21	412.27	326.6	92.65
4k4	ppm	< LOD : 14.10					
4k4a	ppm	< LOD : 13.79					
4k5	ppm		440.97	318.05	236.65	182.41	12.02
4k5a	ppm		435.45	324.37	241.18	199	10.45
4k6	ppm	< LOD : 11.80					
4k6a	ppm	< LOD : 11.05					
4k6A	ppm		539.1	333.24	307.82	259.38	12
4k6Aa	ppm		659.67	422.97	309.55	241.67	14.21
4k7	ppm	< LOD : 11.40					
4k7a	ppm	< LOD : 11.96					
4k8	ppm		400.99	327.52	207.04	205.83	7.23
4k8a	ppm		371.03	263.33	210.4	180.59	4.02
4k9	ppm	< LOD : 17.25					
4k9a	ppm	< LOD : 11.46					
4k9B	ppm		525.12	390.72	282.76	205.75	6.46
4k9Ba	ppm		584.53	401.51	299.51	224.9	12.72
4k9C	ppm	< LOD : 11.43					
4K9Ca	ppm	< LOD : 11.77					

625000

630000

5845000

Barkers Creek

Ishkloo Creek

1106206

93a075

B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16 B17 B18

BT1 BT2 BT3 BT4 BT5 BT6 BT7 BT8 BT9 BT10 BT11

Ace Property
Work Area B HM Silts, HM Tills Samples
AS, AU, W Results (ppm)

HM Tills Sample #	AS (ppm)	AU (ppm)	W (ppm)
B1	0	11.88	
B2	0	0	69.83
B3	0	0	89.73
B4	8.85	12.93	0
B5	0	0	0
B6	0	0	36.64
B7	0	0	124.27
B8	0	0	138.96
B9	0	0	0
B10	0	0	33.7
B11	0	0	0
B12	0	0	44.2
B13	0	0	117.19
B14	0	0	0
B15	5.12	0	32.76
B16	0	0	32.27
B17	0	0	0
B18	0	0	0

HM Silts Sample #	AS (ppm)	Au (ppm)	W (ppm)
BT1	0	0	0
BT2	5.49	0	45.46
BT3	5.4	0	81.54
BT4	10.2	0	115.6
BT5	8.01	0	0
BT6	11.43	0	0
BT7	0	0	103.41
BT8	0	0	0
BT9	7.76	0	254.14
BT10	6.38	0	55.11
BT11	0	0	0

N

Map Datum: NAD83
Zone: 10

Scale: 1:15,000

Barker Minerals Ltd.

Ace Property
2024/2025 Work Area B
HM Silts, HM Tills Sample Locations, numbers and AS, AU, and W Geochemistry
Cariboo Mining Division, B.C.
Claim Numbers: 1106204, 1106205, 1106206 and 1106207

Mapsheet: 93A.075 Date: July 17, 2025

Legend

- Ace Claims
- Area B HM Silts
- Area B HM Tills
- ROAD
- BC Mapsheets
- Lakes/Rivers
- Streams

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

Appendix G - Area B HM Silts, HM Tills Sample Locations and Geochemistry Results 2024/2025

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se
B1	ppm	< LOD : 6.09	656.06	59.74	14	33.54	15.5	< LOD : 10.57	< LOD : 5.53
B2	ppm	< LOD : 3.04	109.11	45.83	< LOD : 5.32	17.55	< LOD : 8.87	< LOD : 6.65	< LOD : 2.51
B3	ppm	< LOD : 2.14	123.57	42.77	7.31	14.74	< LOD : 7.80	< LOD : 5.29	< LOD : 3.11
B4	ppm	< LOD : 6.72	795.2	57.21	< LOD : 8.93	19.42	19.14	< LOD : 10.46	< LOD : 6.11
B5	ppm	4.98	66.44	45.23	< LOD : 4.66	21.73	5.23	< LOD : 4.83	< LOD : 2.50
B6	ppm	< LOD : 3.74	113.26	76.35	8.96	36.7	11.89	< LOD : 6.91	< LOD : 4.13
B7	ppm	< LOD : 5.43	947.88	40.88	< LOD : 6.78	7.22	16	< LOD : 9.18	< LOD : 3.74
B8	ppm	4.48	401.44	44.69	10.74	11.99	16.96	< LOD : 7.94	< LOD : 3.04
B9	ppm	< LOD : 2.61	141.83	76.55	5.45	23.13	14.21	< LOD : 5.15	< LOD : 1.77
B10	ppm	< LOD : 1.79	262.92	74.57	6.72	23.78	11.65	< LOD : 5.27	< LOD : 1.65
B11	ppm	5.23	108.43	52.27	9.36	31.86	9.5	< LOD : 5.31	< LOD : 2.91
B12	ppm	< LOD : 3.54	165.87	101.69	11.19	52.56	11.46	< LOD : 6.66	< LOD : 3.59
B13	ppm	< LOD : 2.41	80.97	45.19	< LOD : 6.00	15.27	11.85	< LOD : 6.95	< LOD : 3.07
B14	ppm	< LOD : 2.71	173.32	59.64	< LOD : 4.59	24.3	10.68	< LOD : 5.21	< LOD : 1.79
B15	ppm	< LOD : 3.48	326.66	84.9	6.35	38.29	10.93	< LOD : 5.54	< LOD : 3.25
B16	ppm	< LOD : 3.79	409.22	89.33	8.84	35.96	13.44	< LOD : 6.04	< LOD : 3.47
B17	ppm	< LOD : 1.81	389.03	58.67	< LOD : 3.10	16.29	11.06	< LOD : 4.86	< LOD : 1.63
B18	ppm	< LOD : 1.57	408.04	60.7	< LOD : 3.92	14.91	14.75	< LOD : 4.02	< LOD : 1.50

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	As	Hg	Au	Zn	W	Cu	Ni
B1	ppm	< LOD : 7.75	14.15	11.88	157.81	< LOD : 44.28	84.51	163.13
B2	ppm	< LOD : 3.30	< LOD : 300000.00	< LOD : 11.26	129.97	69.83	48.87	< LOD : 53.30
B3	ppm	< LOD : 3.69	< LOD : 300000.00	< LOD : 9.56	98.83	89.73	35.97	< LOD : 48.46
B4	ppm	8.85	< LOD : 15.22	12.93	110.61	< LOD : 51.08	94.63	190.76
B5	ppm	< LOD : 3.60	< LOD : 5.75	< LOD : 5.05	66.8	< LOD : 18.71	21.59	< LOD : 19.25
B6	ppm	< LOD : 5.13	< LOD : 9.49	< LOD : 7.97	123.06	36.64	33.57	87.99
B7	ppm	< LOD : 5.72	< LOD : 300000.00	< LOD : 16.44	139.42	124.27	55.78	133.11
B8	ppm	< LOD : 4.90	< LOD : 300000.00	< LOD : 14.11	116.6	138.96	42.55	< LOD : 79.07
B9	ppm	< LOD : 3.67	10.27	< LOD : 8.80	102.98	< LOD : 24.21	36.54	103.4
B10	ppm	< LOD : 3.17	< LOD : 7.55	< LOD : 9.12	87.8	33.7	33.13	113.57
B11	ppm	< LOD : 4.09	< LOD : 6.76	< LOD : 5.92	69.81	< LOD : 22.98	29.75	< LOD : 23.62
B12	ppm	< LOD : 5.02	< LOD : 8.31	< LOD : 7.48	86.98	44.2	40.54	86.32
B13	ppm	< LOD : 3.67	< LOD : 300000.00	< LOD : 12.72	129.18	117.19	55.53	< LOD : 63.98
B14	ppm	< LOD : 2.59	< LOD : 7.54	< LOD : 9.10	83.19	< LOD : 24.50	19.82	< LOD : 41.85
B15	ppm	5.12	< LOD : 7.52	< LOD : 6.89	63.16	32.76	16.67	81.1
B16	ppm	< LOD : 4.54	< LOD : 8.02	< LOD : 6.89	99.55	32.27	44.66	79.47
B17	ppm	< LOD : 2.31	< LOD : 7.12	< LOD : 8.20	74.44	< LOD : 23.37	22.79	< LOD : 39.78
B18	ppm	< LOD : 1.88	< LOD : 6.15	< LOD : 7.01	65.46	< LOD : 20.57	25.6	< LOD : 35.09

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	Co	Fe	Mn	Cr	V	Ti
B1	ppm	< LOD : 437.06	200940.81	11757.66	120.25	540.21	72877.49
B2	ppm	< LOD : 198.66	92250.06	5604.26	< LOD : 393.89	< LOD : 1173.73	11276.83
B3	ppm	< LOD : 180.78	84414.27	4856.94	< LOD : 459.55	< LOD : 1353.69	16980.84
B4	ppm	< LOD : 425.81	169253.3	8674.83	102.28	249.76	41510.88
B5	ppm	< LOD : 106.59	29666.54	1249.72	136.55	146.93	14317.58
B6	ppm	< LOD : 242.99	95072.98	5111.64	156.05	125.22	15008.22
B7	ppm	< LOD : 331.91	144666.75	9188.66	< LOD : 1209.45	< LOD : 3119.58	61452.44
B8	ppm	< LOD : 296.26	151096.27	8487.71	< LOD : 1023.58	< LOD : 2715.59	51769.61
B9	ppm	< LOD : 150.88	61558.94	2559.97	< LOD : 263.68	< LOD : 800.06	5434.07
B10	ppm	< LOD : 151.31	46537.88	1672.31	< LOD : 302.92	< LOD : 916.03	8952.35
B11	ppm	< LOD : 115.73	30298.3	1022.3	124.99	100.43	5470.45
B12	ppm	< LOD : 165.00	50996.97	1820.75	121.89	110.67	10550.81
B13	ppm	< LOD : 181.09	29792.99	< LOD : 2910.64	< LOD : 255.96	< LOD : 772.62	4758.41
B14	ppm	< LOD : 147.47	47733.72	2142.8	< LOD : 266.22	< LOD : 805.90	7122.21
B15	ppm	< LOD : 131.44	36475.57	1612.49	114.21	227.86	22205.21
B16	ppm	< LOD : 146.78	41397.03	1678.16	106.09	210.45	19842.53
B17	ppm	< LOD : 146.78	45604.38	1895.04	< LOD : 341.74	< LOD : 1026.10	12515.1
B18	ppm	< LOD : 131.28	45122.06	1848.37	< LOD : 329.57	< LOD : 992.86	11484.27

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	Sc	Ca	K	S	Ba	Cs
B1	ppm	< LOD : 31.48	6631.25	5020.85	< LOD : 934.12	< LOD : 78.90	< LOD : 23.21
B2	ppm		6341.63	6150.17		193.43	
B3	ppm		8125.99	5766.9		219.68	
B4	ppm	19.28	3175.76	2143.11	< LOD : 582.55	< LOD : 93.53	< LOD : 27.25
B5	ppm	30.17	6353.63	6595.45	< LOD : 527.55	< LOD : 46.88	< LOD : 14.20
B6	ppm	23.2	4967.54	4389.93	< LOD : 527.68	< LOD : 71.28	< LOD : 20.80
B7	ppm		6051.86	2984.61		248.91	
B8	ppm		6382.2	5900.96		231.81	
B9	ppm		4380.14	7347.58		315.45	
B10	ppm		3864.08	8405.1		291.49	
B11	ppm	32.26	5360.4	5514.82	< LOD : 479.50	< LOD : 50.13	< LOD : 14.93
B12	ppm	22.26	4256.03	7916.51	< LOD : 441.86	136.93	< LOD : 18.79
B13	ppm		3871.97	4676.88		142.36	
B14	ppm		4570.71	7140.24		240.38	
B15	ppm	19.99	4445.56	6682.16	< LOD : 482.11	159.7	< LOD : 17.85
B16	ppm	24.41	4303.21	5658.84	< LOD : 492.48	127.82	< LOD : 18.18
B17	ppm		3568.41	6082.17		80.87	
B18	ppm		3646.33	6256.43		84.08	

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	Te	Sb	Sn	Cd	Ag	Pd
B1	ppm	< LOD : 50.07	< LOD : 17.98	< LOD : 19.12	< LOD : 15.50	< LOD : 28.85	< LOD : 14.37
B2	ppm		< LOD : 21.42	< LOD : 30.16	< LOD : 11.05	< LOD : 79.85	
B3	ppm		< LOD : 20.89	< LOD : 29.65	< LOD : 10.81	< LOD : 96.45	
B4	ppm	< LOD : 58.06	< LOD : 21.03	< LOD : 22.77	< LOD : 17.21	< LOD : 34.13	< LOD : 16.33
B5	ppm	< LOD : 30.07	< LOD : 10.95	< LOD : 10.84	< LOD : 9.92	< LOD : 16.12	< LOD : 8.65
B6	ppm	< LOD : 45.73	< LOD : 16.39	< LOD : 17.26	< LOD : 14.42	< LOD : 25.40	< LOD : 13.30
B7	ppm		< LOD : 28.74	< LOD : 41.27	< LOD : 14.12	126.07	
B8	ppm		< LOD : 26.97	< LOD : 40.01	< LOD : 13.91	107.14	
B9	ppm		< LOD : 19.55	< LOD : 26.60	< LOD : 9.33	< LOD : 97.99	
B10	ppm		< LOD : 18.99	< LOD : 25.44	< LOD : 9.29	< LOD : 83.98	
B11	ppm	< LOD : 32.24	< LOD : 11.62	< LOD : 11.76	< LOD : 10.17	< LOD : 17.53	< LOD : 9.61
B12	ppm	< LOD : 41.08	< LOD : 14.79	< LOD : 15.87	< LOD : 13.17	< LOD : 23.08	< LOD : 11.87
B13	ppm		< LOD : 22.55	< LOD : 31.49	< LOD : 10.72	< LOD : 63.43	
B14	ppm		< LOD : 18.42	< LOD : 26.51	< LOD : 9.19	< LOD : 63.52	
B15	ppm	< LOD : 39.39	< LOD : 14.31	< LOD : 15.39	< LOD : 12.18	< LOD : 54.29	< LOD : 11.48
B16	ppm	< LOD : 39.48	< LOD : 14.35	< LOD : 15.50	< LOD : 12.55	< LOD : 38.65	< LOD : 12.19
B17	ppm		< LOD : 18.54	< LOD : 23.92	< LOD : 8.65	< LOD : 27.86	
B18	ppm		< LOD : 18.32	< LOD : 25.00	< LOD : 8.85	< LOD : 32.25	

Appendix G

Area B - Heavy Mineral Silts

Sample #	Units	Nd	Pr	Ce	La	Nb	Y	Bi
B1	ppm							
B2	ppm	464.17	291.69	175.77	173.02	43.95	6.32	< LOD : 22.00
B3	ppm	567.06	404.45	242.11	195.18	45.18	6.6	< LOD : 21.17
B4	ppm							
B5	ppm							
B6	ppm							
B7	ppm	1011.15	666.29	465.68	403.08	158.48	8.36	< LOD : 32.54
B8	ppm	903.04	548.51	331.04	312.04	141.87	8.32	< LOD : 29.12
B9	ppm	682.03	406.05	244.48	212.19	26.71	3.71	< LOD : 18.79
B10	ppm	517.25	410.79	252.82	216.03	35.87	3.9	< LOD : 18.83
B11	ppm							
B12	ppm							
B13	ppm	171.78	198.82	< LOD : 102.18	< LOD : 84.21	24.75	2.52	< LOD : 23.67
B14	ppm	380.35	302.37	179.77	142.92	26.72	3.61	< LOD : 18.53
B15	ppm							
B16	ppm							
B17	ppm	< LOD : 129.07	< LOD : 93.87	< LOD : 80.60	< LOD : 70.20	44.82	3.57	< LOD : 19.01
B18	ppm	< LOD : 128.87	< LOD : 94.11	< LOD : 80.33	< LOD : 69.54	44.37	3.72	< LOD : 18.74

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se
BT1	ppm	< LOD : 3.81	413.77	84.02	< LOD : 5.93	35.67	11.12	< LOD : 6.07	< LOD : 3.36
BT2	ppm	< LOD : 5.02	1212.41	105.45	8.55	25.83	15.08	< LOD : 6.52	< LOD : 3.69
BT3	ppm	< LOD : 3.32	405.92	50.94	9.83	12.31	18.5	< LOD : 6.56	< LOD : 3.10
BT4	ppm	< LOD : 5.02	2218.07	57.66	15.2	9.24	42.48	< LOD : 7.70	< LOD : 3.99
BT5	ppm	< LOD : 6.72	1526.34	51.52	8.82	16.94	15.08	< LOD : 8.77	< LOD : 5.10
BT6	ppm	< LOD : 5.88	762.41	62.85	11.72	22.26	19.85	< LOD : 8.92	< LOD : 5.03
BT7	ppm	< LOD : 2.03	340.46	70.54	5.58	3.23	9.28	< LOD : 5.55	< LOD : 2.05
BT8	ppm	< LOD : 3.58	570.35	103.09	8.35	6.11	24.05	< LOD : 7.07	< LOD : 3.13
BT9	ppm	< LOD : 5.14	441.75	131.09	11.79	10.8	41.33	< LOD : 9.27	< LOD : 5.42
BT10	ppm	< LOD : 4.63	571.34	152.97	8.11	12.45	19.41	< LOD : 7.26	< LOD : 4.49
BT11	ppm	< LOD : 5.86	1334.61	90.83	16.04	3.2	57.42	< LOD : 10.65	< LOD : 3.68

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

Sample #	Units	As	Hg	Au	Zn	W	Cu	Ni
BT1	ppm	< LOD : 4.54	< LOD : 7.74	< LOD : 6.78	67.74	< LOD : 25.28	19.81	40.08
BT2	ppm	5.49	< LOD : 8.57	< LOD : 7.25	65.4	45.46	44.05	< LOD : 28.63
BT3	ppm	5.4	< LOD : 300000.00	< LOD : 11.84	213.44	81.54	38.87	< LOD : 63.20
BT4	ppm	10.2	< LOD : 300000.00	< LOD : 14.00	86.28	115.6	81.57	< LOD : 73.74
BT5	ppm	8.01	< LOD : 11.66	< LOD : 9.91	133.81	< LOD : 37.85	58.45	67.68
BT6	ppm	11.43	< LOD : 12.25	< LOD : 10.30	168.95	< LOD : 40.49	59.91	126.5
BT7	ppm	< LOD : 2.66	< LOD : 300000.00	< LOD : 9.02	53.65	103.41	42.78	< LOD : 45.75
BT8	ppm	< LOD : 4.28	< LOD : 300000.00	< LOD : 12.58	144.45	< LOD : 59.49	56.31	< LOD : 56.76
BT9	ppm	7.76	< LOD : 15.18	< LOD : 10.48	73.06	254.14	60.64	148.59
BT10	ppm	6.38	< LOD : 10.17	< LOD : 8.29	122.63	55.11	75.94	75.5
BT11	ppm	< LOD : 4.96	< LOD : 300000.00	< LOD : 17.60	210.2	< LOD : 80.80	69.32	< LOD : 80.99

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

Sample #	Units	Co	Fe	Mn	Cr	V	Ti
BT1	ppm	< LOD : 139.96	39842.07	1729.57	129.4	157.92	15326.62
BT2	ppm	< LOD : 160.58	46350.64	1813.91	126.34	231.24	21472.1
BT3	ppm	< LOD : 242.42	134404.23	7952.96	150.7	364.86	67049.81
BT4	ppm	< LOD : 280.46	130018.05	7640.66	< LOD : 1048.79	< LOD : 2758.17	55769.88
BT5	ppm	< LOD : 338.56	142313.41	6645.52	122.75	427.83	70346.94
BT6	ppm	< LOD : 365.17	157847.73	8038.01	148.64	466.52	66272.66
BT7	ppm	< LOD : 189.59	110329.04	5301.68	< LOD : 549.09	< LOD : 1605.35	19790.24
BT8	ppm	< LOD : 219.35	165091.41	9420.72	181.97	< LOD : 1604.91	33490.07
BT9	ppm	< LOD : 406.72	201734.91	10206.4	188.98	275.42	30386.29
BT10	ppm	< LOD : 246.00	97470.92	4544.8	142.04	176.26	16062.87
BT11	ppm	< LOD : 301.90	195206.81	8700.62	< LOD : 915.24	< LOD : 2510.57	37855.82

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

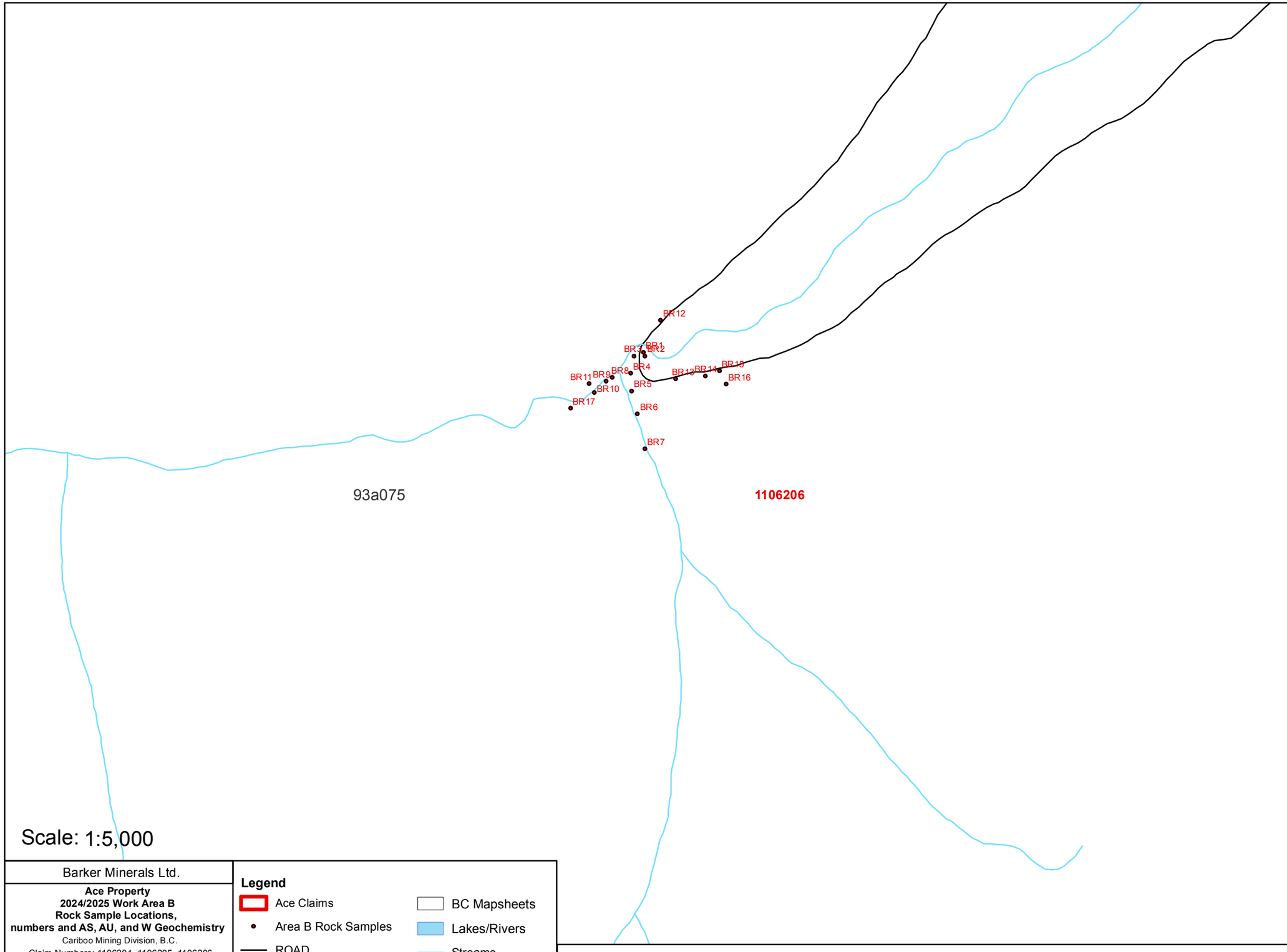
Sample #	Units	Sc	Ca	K	S	Ba	Cs
BT1	ppm	16.05	3426.04	6867.96	< LOD : 493.52	< LOD : 59.13	< LOD : 17.34
BT2	ppm	< LOD : 18.58	5265.29	5938.02	< LOD : 507.29	< LOD : 67.09	< LOD : 19.74
BT3	ppm	< LOD : 25.95	5465.85	4913.24	< LOD : 1.50	186.33	
BT4	ppm		7403.99	4273.8		194.5	
BT5	ppm	31.78	6022.51	3895.45	< LOD : 850.54	< LOD : 77.37	< LOD : 23.10
BT6	ppm	46.23	6291.39	4840.25	< LOD : 832.00	< LOD : 73.96	< LOD : 21.81
BT7	ppm		11830.84	2011.49		73.64	
BT8	ppm	89.66	15373.35	2975.12	< LOD : 1.50	135.35	
BT9	ppm	56.41	13032.93	2279.96	< LOD : 789.23	< LOD : 71.13	< LOD : 21.18
BT10	ppm	52.78	11679.59	1954.34	< LOD : 539.79	< LOD : 70.74	< LOD : 20.91
BT11	ppm		15516.63	1509.27		234	

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

Sample #	Units	Te	Sb	Sn	Cd	Ag	Pd
BT1	ppm	< LOD : 38.53	< LOD : 13.90	< LOD : 14.21	< LOD : 12.24	< LOD : 20.98	< LOD : 11.35
BT2	ppm	< LOD : 43.38	< LOD : 15.71	< LOD : 16.38	< LOD : 13.72	< LOD : 23.88	< LOD : 12.98
BT3	ppm		< LOD : 25.33	< LOD : 38.12	< LOD : 13.57	< LOD : 90.24	
BT4	ppm		< LOD : 25.63	< LOD : 38.44	< LOD : 13.30	111.63	
BT5	ppm	< LOD : 50.63	< LOD : 18.20	< LOD : 19.12	< LOD : 16.03	< LOD : 28.11	< LOD : 14.22
BT6	ppm	< LOD : 46.78	< LOD : 16.86	< LOD : 18.13	< LOD : 13.98	< LOD : 26.81	< LOD : 13.36
BT7	ppm		< LOD : 19.05	< LOD : 26.61	< LOD : 9.89	< LOD : 30.66	
BT8	ppm		< LOD : 25.20	< LOD : 36.83	< LOD : 13.24	< LOD : 71.46	
BT9	ppm	< LOD : 46.06	< LOD : 16.32	< LOD : 17.30	< LOD : 14.21	< LOD : 26.04	< LOD : 13.53
BT10	ppm	< LOD : 44.42	< LOD : 15.97	< LOD : 16.92	< LOD : 13.89	< LOD : 25.17	< LOD : 12.82
BT11	ppm		< LOD : 26.63	< LOD : 39.83	< LOD : 15.39	155.1	

Appendix G
Area B - HM Tills (Heavy Mineral Tills)

Sample #	Units	Nd	Pr	Ce	La	Nb	Y	Bi
BT1	ppm							
BT2	ppm							
BT3	ppm	561.47	343.1	153.89	247.62	130.83	6.98	< LOD : 27.42
BT4	ppm	708.02	504.13	344.55	259.9	158.2	9.18	< LOD : 35.68
BT5	ppm							
BT6	ppm							
BT7	ppm	166.29	< LOD : 107.52	107	95.76	54.32	6.92	< LOD : 20.08
BT8	ppm	469.29	309.33	321.64	211.07	112	18.93	< LOD : 29.71
BT9	ppm							
BT10	ppm							
BT11	ppm	829.4	588.21	599.23	464.71	214.39	20.82	< LOD : 36.64



Ace Property
Work Area B Rock Samples
AS, AU, W Results (ppm)

Sample #	AS (ppm)	AU (ppm)	W (ppm)
BR1	0	0	78.18
BR2	7.91	0	0
BR3	18.18	0	61
BR4	19.28	0	76.11
BR5	0	0	0
BR6	0	0	88.39
BR7	0	0	0
BR8	12.16	0	54.09
BR9	0	0	234.98
BR10	0	0	159.72
BR11	0	0	0
BR12	0	0	0
BR13	0	0	87.38
BR14	7.12	0	0
BR15	0	0	52.89
BR16	10.96	0	56.24
BR17	0	0	0

N

Map Datum: NAD83
Zone: 10

Scale: 1:5,000

Barker Minerals Ltd.

Ace Property
2024/2025 Work Area B
Rock Sample Locations,
numbers and AS, AU, and W Geochemistry
Cariboo Mining Division, B.C.
Claim Numbers: 1106204, 1106205, 1106206 and 1106207

Mapsheet: 93A.075 Date: July 17, 2025

Legend

- Ace Claims
- Area B Rock Samples
- ROAD
- BC Mapsheets
- Lakes/Rivers
- Streams

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

Appendix G - Area B Rock Sample Locations and Geochemistry Results 2024/2025

Appendix G

Area B - Rock Samples

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb
BR1	ppm	7.08	798.55	117.81	8	10.07	30.96	< LOD : 7.64
BR2	ppm	8.92	1096.58	154.1	10.8	10.33	28.37	< LOD : 8.60
BR3	ppm	< LOD : 8.85	2295.25	189.8	14.93	21.78	28.43	< LOD : 11.19
BR4	ppm	< LOD : 9.02	2667.44	161.97	16.18	21.44	32.49	< LOD : 11.27
BR5	ppm	< LOD : 5.18	981.43	113.78	7.47	7.14	23.87	< LOD : 8.89
BR6	ppm	< LOD : 4.17	1066.53	92.29	8.43	6.52	18.58	< LOD : 8.61
BR7	ppm	< LOD : 6.47	1082.81	127.17	15.7	13.37	15.34	< LOD : 9.31
BR8	ppm	< LOD : 6.23	731.57	146.84	13.29	16.59	18.88	< LOD : 9.89
BR9	ppm	< LOD : 5.87	1776.01	75.54	16.98	4.34	15.56	< LOD : 10.71
BR10	ppm	< LOD : 6.04	1954.53	74.7	12.26	6.39	32.43	< LOD : 10.37
BR11	ppm	9.3	81.12	16.33	7.45	< LOD : 1.64	< LOD : 2.64	5.48
BR12	ppm	< LOD : 6.98	1481.32	78.61	8.34	10.45	11.69	< LOD : 9.60
BR13	ppm	6.56	890.48	121.51	11.36	9.81	25.76	< LOD : 7.80
BR14	ppm	< LOD : 6.00	2547.33	179.71	17.95	7.43	33.7	< LOD : 9.14
BR15	ppm	< LOD : 6.77	987.69	145.27	16.38	20.15	19.32	< LOD : 10.87
BR16	ppm	< LOD : 7.81	1487.42	166.87	17.88	20.48	13.43	< LOD : 10.72
BR17	ppm	3.98	320.39	65.42	< LOD : 3.83	3.73	5.69	< LOD : 3.84

Appendix G

Area B - Rock Samples

Sample #	Units	Se	As	Hg	Au	Zn	W
BR1	ppm	< LOD : 2.80	< LOD : 4.78	< LOD : 300000.00	< LOD : 14.29	81.17	78.18
BR2	ppm	< LOD : 4.21	7.91	< LOD : 300000.00	< LOD : 15.96	95.35	< LOD : 72.76
BR3	ppm	< LOD : 5.90	18.18	< LOD : 14.60	< LOD : 11.96	109.31	61
BR4	ppm	< LOD : 6.12	19.28	< LOD : 15.59	< LOD : 11.48	1802.23	76.11
BR5	ppm	< LOD : 3.43	< LOD : 5.36	< LOD : 300000.00	< LOD : 16.21	93.98	< LOD : 74.57
BR6	ppm	< LOD : 3.16	< LOD : 5.31	< LOD : 300000.00	< LOD : 14.05	67.15	88.39
BR7	ppm	< LOD : 5.41	< LOD : 6.79	14.84	< LOD : 10.40	91.56	< LOD : 42.61
BR8	ppm	< LOD : 5.92	12.16	< LOD : 13.68	< LOD : 11.35	102.05	54.09
BR9	ppm	< LOD : 4.17	< LOD : 6.37	< LOD : 300000.00	< LOD : 17.02	72.71	234.98
BR10	ppm	< LOD : 4.15	< LOD : 6.22	< LOD : 300000.00	< LOD : 19.54	76.05	159.72
BR11	ppm	< LOD : 2.31	< LOD : 3.88	< LOD : 5.11	< LOD : 4.47	29.55	< LOD : 17.17
BR12	ppm	< LOD : 5.14	< LOD : 6.92	< LOD : 11.81	< LOD : 10.05	112.02	< LOD : 38.15
BR13	ppm	< LOD : 3.40	< LOD : 4.58	< LOD : 300000.00	< LOD : 14.05	77.83	87.38
BR14	ppm	< LOD : 4.69	7.12	< LOD : 300000.00	< LOD : 16.86	85.34	< LOD : 75.22
BR15	ppm	< LOD : 5.90	< LOD : 7.87	< LOD : 13.67	< LOD : 11.44	106.19	52.89
BR16	ppm	< LOD : 6.30	10.96	< LOD : 14.36	< LOD : 11.73	109.5	56.24
BR17	ppm	< LOD : 1.50	< LOD : 1.79	< LOD : 6.01	< LOD : 7.18	37.44	< LOD : 20.09

Appendix G

Area B - Rock Samples

Sample #	Units	Cu	Ni	Co	Fe	Mn	Cr
BR1	ppm	84.76	< LOD : 68.60	< LOD : 257.42	1553.44	9274.71	< LOD : 901.81
BR2	ppm	76.52	< LOD : 74.71	< LOD : 283.83	1398.05	8096.17	< LOD : 879.26
BR3	ppm	105.97	152	< LOD : 453.22	2718.03	11130.98	97.94
BR4	ppm	133.31	187.65	< LOD : 469.03	2762.81	15214.22	95.69
BR5	ppm	46	< LOD : 79.15	321.51	1832.61	10076.64	< LOD : 937.30
BR6	ppm	69.49	< LOD : 72.70	< LOD : 285.88	13252.36	8022.83	< LOD : 891.41
BR7	ppm	71.72	132.36	< LOD : 360.57	14641.06	8247.5	155.05
BR8	ppm	63.12	144.6	< LOD : 440.48	2080.06	11351.8	106.75
BR9	ppm	115.02	< LOD : 99.78	< LOD : 366.84	16617.08	10033.95	< LOD : 1416.68
BR10	ppm	104.98	< LOD : 101.12	< LOD : 373.50	1510.91	11405.32	< LOD : 1503.12
BR11	ppm	19.85	< LOD : 16.31	< LOD : 63.86	11386.1	376.59	59.71
BR12	ppm	59.32	< LOD : 42.56	< LOD : 392.75	182875.95	10020.43	81.64
BR13	ppm	44.98	92.01	< LOD : 256.97	161330.95	9110.78	< LOD : 925.59
BR14	ppm	101.74	< LOD : 78.30	302.52	1335.39	8081.96	< LOD : 1003.91
BR15	ppm	66.15	152.62	< LOD : 449.17	9614.66	12939.81	107.83
BR16	ppm	87.74	161.32	< LOD : 452.84	3195.83	12136.71	111.78
BR17	ppm	21.23	< LOD : 33.27	< LOD : 134.08	9421.85	1882.34	< LOD : 346.28

Appendix G

Area B - Rock Samples

Sample #	Units	V	Sc	Ca	K	S	Ba
BR1	ppm	< LOD : 2458.49		11600	4340		209.51
BR2	ppm	< LOD : 2411.40		15918.88	4100.84		248.18
BR3	ppm	457.86	69.26	14015.07	4136.37	< LOD : 849.81	< LOD : 87.27
BR4	ppm	513.15	83.72	12269.12	4401.52	< LOD : 899.67	< LOD : 92.55
BR5	ppm	< LOD : 2525.89		12298.75	3019.9		228.38
BR6	ppm	< LOD : 2429.05		10552.61	3096.96		127.56
BR7	ppm	394.21	43.63	9843.42	2801.09	< LOD : 737.24	< LOD : 79.37
BR8	ppm	580.85	61.93	9747.35	3214.51	< LOD : 899.55	< LOD : 84.96
BR9	ppm	< LOD : 3529.83		9404.17	2465.77		224.61
BR10	ppm	< LOD : 3687.82		9791.77	2396.95		227.78
BR11	ppm	99.36	54.81	11088.98	2484.55	705.67	< LOD : 38.92
BR12	ppm	614.09	< LOD : 38.19	8906.14	3538.39	< LOD : 1043.26	< LOD : 68.07
BR13	ppm	463.21	56.19	11821.25	3669.79	< LOD : 1.50	260.99
BR14	ppm	< LOD : 2694.39		17211.89	3777.52		285.98
BR15	ppm	343.34	< LOD : 35.21	10946.16	4506.02	< LOD : 855.75	< LOD : 81.75
BR16	ppm	457.85	54.73	10890.23	4269.02	< LOD : 805.40	< LOD : 85.16
BR17	ppm	< LOD : 1036.16		8578.29	3712.05		< LOD : 46.56

Appendix G

Area B - Rock Samples

Sample #	Units	Cs	Te	Sb	Sn	Cd	Ag
BR1	ppm			< LOD : 26.97	< LOD : 38.70	< LOD : 13.50	108.65
BR2	ppm			< LOD : 24.48	45.77	< LOD : 12.58	133.76
BR3	ppm	< LOD : 25.38	< LOD : 54.34	< LOD : 19.54	< LOD : 20.90	< LOD : 16.38	< LOD : 45.77
BR4	ppm	< LOD : 26.74	< LOD : 57.64	< LOD : 20.53	< LOD : 22.62	< LOD : 17.28	< LOD : 53.35
BR5	ppm			< LOD : 26.27	< LOD : 37.47	< LOD : 13.04	115.28
BR6	ppm			< LOD : 23.46	< LOD : 33.23	< LOD : 13.54	< LOD : 103.80
BR7	ppm	< LOD : 23.45	< LOD : 49.71	< LOD : 18.11	< LOD : 19.43	< LOD : 15.09	< LOD : 28.70
BR8	ppm	< LOD : 24.76	< LOD : 53.73	< LOD : 19.21	< LOD : 20.86	< LOD : 16.78	< LOD : 52.70
BR9	ppm			< LOD : 31.06	< LOD : 43.95	< LOD : 15.09	125.04
BR10	ppm			< LOD : 30.33	< LOD : 41.97	< LOD : 14.80	128.37
BR11	ppm	< LOD : 12.08	< LOD : 24.86	< LOD : 8.81	< LOD : 8.61	< LOD : 8.00	< LOD : 13.26
BR12	ppm	< LOD : 20.38	< LOD : 44.44	< LOD : 16.17	< LOD : 16.73	< LOD : 14.44	< LOD : 24.22
BR13	ppm			< LOD : 26.84	< LOD : 40.69	< LOD : 13.63	132.94
BR14	ppm			< LOD : 25.41	< LOD : 37.37	< LOD : 11.96	152.35
BR15	ppm	< LOD : 23.83	< LOD : 51.46	< LOD : 18.39	< LOD : 20.25	< LOD : 15.67	< LOD : 55.28
BR16	ppm	< LOD : 24.74	< LOD : 52.82	< LOD : 18.94	< LOD : 20.90	< LOD : 16.66	< LOD : 30.62
BR17	ppm			< LOD : 15.72	< LOD : 18.89	18.47	< LOD : 21.78

Appendix G

Area B - Rock Samples

Sample #	Units	Pd	Nd	Pr	Ce	La	Nb	Y
BR1	ppm		859.28	519.78	358.81	283.66	112.04	7.52
BR2	ppm		904.58	581.94	424.91	318.35	102.61	8.26
BR3	ppm	< LOD : 16.65						
BR4	ppm	< LOD : 16.60						
BR5	ppm		661.47	421.68	336.83	325.92	110.27	8.36
BR6	ppm		495.71	343.37	269.75	189.23	88.02	6.03
BR7	ppm	< LOD : 14.74						
BR8	ppm	< LOD : 15.51						
BR9	ppm		918.74	527.52	417.08	350.29	139.47	6.71
BR10	ppm		789.74	536.35	348.21	295.68	153.22	6.76
BR11	ppm	< LOD : 7.22						
BR12	ppm	< LOD : 12.96						
BR13	ppm		890.75	537.51	406.75	343.87	132.34	8.58
BR14	ppm		1049.22	666.28	484.23	359.62	125.77	10.15
BR15	ppm	< LOD : 15.86						
BR16	ppm	< LOD : 14.94						
BR17	ppm		< LOD : 100.30	< LOD : 73.22	< LOD : 60.36	< LOD : 75.47	64.81	4.84

630000

Barkers Creek

Ishkloo Creek

1106206

93a075

CT1 CT2 CT3 CT4 CT5 CT6 CT7 CT8 CT9 CT10

C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15

5845000

Scale: 1:15,000

Ace Property
Work Area C HM Silts, HM Tills Samples
AS, AU, W Results (ppm)

HM Silts Sample #	As (ppm)	Au (ppm)	W (ppm)
C1	0	0	0
C2	0	0	0
C3	78.12	16.91	85.68
C4	0	0	0
C5	0	0	0
C6	0	0	29.24
C7	0	0	44.27
C8	5.58	0	0
C9	0	0	35.24
C10	0	0	0
C11	0	0	0
C12	0	0	0
C13	0	0	25.46
C14	0	0	0
C15	0	0	0

HM Tills Sample #	AS (ppm)	AU (ppm)	W (ppm)
CT1	0	0	94.69
CT2	0	0	0
CT3	0	0	29.69
CT4	0	0	35.98
CT5	0	0	0
CT6	7.99	0	35.77
CT7	0	0	0
CT8	0	0	25.09
CT9	0	0	0
CT10	0	0	0

N

Map Datum: NAD83
Zone: 10

Barker Minerals Ltd.

Ace Property
2024/2025 Work Area C
HM Silts, HM Tills Sample Locations, numbers and AS, AU, and W Geochemistry

Cariboo Mining Division, B.C.

Claim Numbers: 1106204, 1106205, 1106206 and 1106207

Mapsheet: 93A.075 Date: July 17, 2025

Legend

- Ace Claims
- Area C HM Silt Samples
- Area C HM Till Samples
- ROAD
- BC Mapsheets
- Lakes/Rivers
- Streams

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

Appendix G - Area C HM Silts, HM Tills Sample Locations and Geochemistry Results 2024/2025

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb
C1	ppm	< LOD : 1.50	136.92	121.06	6.42	25.78	19.64	< LOD : 5.15
C2	ppm	< LOD : 1.50	136.53	115.19	4.7	20.46	6.87	< LOD : 4.87
C3	ppm	< LOD : 10.40	2802.14	52.43	19.32	6.01	32.47	< LOD : 14.84
C4	ppm	< LOD : 3.00	194.1	169.72	< LOD : 5.95	61.11	11.88	7.38
C5	ppm	< LOD : 3.14	251.2	175.15	6.51	36.67	14.34	< LOD : 5.70
C6	ppm	< LOD : 1.95	404.46	118.62	< LOD : 3.97	9.59	15.36	< LOD : 5.05
C7	ppm	< LOD : 3.03	1012.93	135.16	13.69	9.92	24.43	< LOD : 6.15
C8	ppm	< LOD : 5.38	1400.82	166.88	8.58	15.95	23.65	< LOD : 7.36
C9	ppm	< LOD : 4.51	716.65	173.5	< LOD : 6.47	24.09	20.54	< LOD : 6.84
C10	ppm	< LOD : 1.50	161.47	128.99	5.65	16.15	8.53	< LOD : 4.34
C11	ppm	< LOD : 1.50	132.44	135.55	< LOD : 4.32	22.54	10.37	< LOD : 4.77
C12	ppm	< LOD : 2.66	166.52	171.51	7.39	41.82	10.54	< LOD : 4.86
C13	ppm	< LOD : 2.65	146.35	159	9.45	45.18	11.34	< LOD : 4.81
C14	ppm	< LOD : 1.51	126.18	420.72	10.22	22.67	14.27	< LOD : 5.73
C15	ppm	< LOD : 1.92	253.37	503.77	8.94	21.49	16.7	< LOD : 6.54

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Se	As	Hg	Au	Zn	W	Cu
C1	ppm	< LOD : 1.59	< LOD : 2.56	< LOD : 6.23	< LOD : 7.97	51.38	< LOD : 20.82	30.09
C2	ppm	< LOD : 1.50	< LOD : 2.39	< LOD : 6.45	< LOD : 7.83	46.34	< LOD : 21.11	27.69
C3	ppm	< LOD : 8.09	78.12	< LOD : 17.43	16.91	116.98	85.68	114.74
C4	ppm	< LOD : 3.01	< LOD : 4.37	< LOD : 6.68	< LOD : 6.12	56.31	< LOD : 21.94	26.74
C5	ppm	< LOD : 2.93	< LOD : 4.28	< LOD : 6.72	< LOD : 5.88	64.99	< LOD : 21.82	30.75
C6	ppm	< LOD : 1.72	< LOD : 3.36	< LOD : 7.65	< LOD : 8.24	71.16	29.24	25.23
C7	ppm	< LOD : 2.21	< LOD : 3.06	10.17	< LOD : 9.84	61.48	44.27	34.65
C8	ppm	< LOD : 3.92	5.58	< LOD : 8.58	< LOD : 7.67	103.98	< LOD : 27.78	23.83
C9	ppm	< LOD : 3.80	< LOD : 5.17	< LOD : 8.79	< LOD : 7.57	78.37	35.24	28.66
C10	ppm	< LOD : 1.50	< LOD : 2.19	6.14	< LOD : 7.18	27.18	< LOD : 19.60	18.3
C11	ppm	< LOD : 1.50	< LOD : 2.32	< LOD : 6.19	< LOD : 7.76	30.92	< LOD : 20.04	21.19
C12	ppm	< LOD : 2.58	< LOD : 3.68	< LOD : 5.73	< LOD : 5.38	31.29	< LOD : 18.74	23.69
C13	ppm	< LOD : 2.55	< LOD : 3.68	< LOD : 6.00	< LOD : 5.37	25.56	25.46	23.8
C14	ppm	< LOD : 1.68	< LOD : 2.86	< LOD : 6.72	< LOD : 7.90	88.01	< LOD : 22.13	30.48
C15	ppm	< LOD : 1.87	< LOD : 3.36	< LOD : 7.56	< LOD : 9.33	56.04	< LOD : 25.09	54.17

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Ni	Co	Fe	Mn	Cr	V
C1	ppm	< LOD : 36.58	< LOD : 111.07	21714.12	595.86	< LOD : 144.51	< LOD : 437.42
C2	ppm	< LOD : 36.88	< LOD : 114.54	24379.16	575.9	< LOD : 145.18	< LOD : 438.44
C3	ppm	208.61	< LOD : 644.24	345677.78	17468.65	< LOD : 50.71	865.51
C4	ppm	71.51	< LOD : 103.57	26100.91	487.16	137.27	110.37
C5	ppm	56.08	< LOD : 108.69	28844.29	806.44	109.39	86.95
C6	ppm	< LOD : 39.27	< LOD : 153.93	49460.93	1669.34	< LOD : 357.04	< LOD : 1072.07
C7	ppm	< LOD : 47.21	< LOD : 177.37	66781.31	2647.5	< LOD : 384.13	< LOD : 1146.30
C8	ppm	< LOD : 29.82	< LOD : 208.09	75473.91	2671.79	132.75	241.7
C9	ppm	69.02	< LOD : 177.92	55380.86	2200.37	136.71	198.07
C10	ppm	< LOD : 34.70	< LOD : 101.86	17101.76	375.13	< LOD : 152.16	< LOD : 464.10
C11	ppm	< LOD : 35.17	< LOD : 103.26	17244.51	388.36	< LOD : 136.47	< LOD : 411.08
C12	ppm	41.64	< LOD : 77.78	17801.21	375.84	90.21	80.35
C13	ppm	65.25	< LOD : 78.64	18146.4	485.4	90.98	84.08
C14	ppm	< LOD : 36.34	< LOD : 127.54	38696.35	916.06	< LOD : 205.41	< LOD : 624.20
C15	ppm	< LOD : 42.00	< LOD : 144.02	42628.96	1216.22	< LOD : 231.14	< LOD : 702.72

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Ti	Sc	Ca	K	S	Ba
C1	ppm	1750.58		4768.59	7395.21		267.09
C2	ppm	1603.86		4559.61	5190.27		258.27
C3	ppm	151825.67	< LOD : 45.67	8078.62	2209.61	< LOD : 1342.32	< LOD : 96.64
C4	ppm	4025.1	30.1	4104.14	12339.26	< LOD : 432.29	198.31
C5	ppm	5611.4	42.17	7483.79	5999.42	< LOD : 414.76	138.97
C6	ppm	12819.4		7762.66	3978.82		< LOD : 58.92
C7	ppm	13548.98		9529.66	4875.46		141.14
C8	ppm	26200.01	69.52	10896.83	4374.07	< LOD : 603.19	< LOD : 66.84
C9	ppm	16111.01	50.86	7315.59	5123.18	< LOD : 493.21	< LOD : 64.33
C10	ppm	2593.44		4325.45	5987.31		182.32
C11	ppm	1471.05		3604.51	6535.76		220.59
C12	ppm	2295.73	27.09	3950.44	7607.93	< LOD : 354.89	144.03
C13	ppm	2118.82	14.1	2801.43	7764	< LOD : 382.13	303.3
C14	ppm	3226.44		8318.89	8613.76		175.68
C15	ppm	4270.05		11051.27	6695.06		258.81

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Cs	Te	Sb	Sn	Cd	Ag
C1	ppm			< LOD : 15.83	< LOD : 23.56	< LOD : 8.05	< LOD : 61.30
C2	ppm			< LOD : 16.06	< LOD : 24.14	< LOD : 8.47	< LOD : 61.15
C3	ppm	< LOD : 28.61	< LOD : 61.56	< LOD : 21.63	< LOD : 23.84	< LOD : 18.35	< LOD : 35.62
C4	ppm	< LOD : 16.41	< LOD : 36.04	< LOD : 13.15	< LOD : 13.82	< LOD : 11.50	< LOD : 20.11
C5	ppm	< LOD : 17.27	< LOD : 38.30	< LOD : 13.83	< LOD : 14.53	< LOD : 12.18	< LOD : 21.29
C6	ppm			< LOD : 16.89	< LOD : 23.73	< LOD : 8.98	< LOD : 33.87
C7	ppm			< LOD : 19.89	< LOD : 29.20	< LOD : 10.24	< LOD : 71.33
C8	ppm	< LOD : 19.83	< LOD : 43.89	< LOD : 16.13	< LOD : 16.56	< LOD : 13.85	< LOD : 23.84
C9	ppm	< LOD : 18.62	< LOD : 40.65	< LOD : 14.81	< LOD : 15.61	< LOD : 12.90	< LOD : 22.80
C10	ppm			< LOD : 16.02	< LOD : 21.98	< LOD : 8.89	< LOD : 29.28
C11	ppm			< LOD : 15.08	< LOD : 21.14	< LOD : 7.68	< LOD : 52.93
C12	ppm	< LOD : 15.60	< LOD : 34.51	< LOD : 12.42	< LOD : 13.14	< LOD : 10.97	< LOD : 19.04
C13	ppm	< LOD : 16.47	< LOD : 36.60	< LOD : 13.40	< LOD : 14.15	< LOD : 11.48	< LOD : 32.07
C14	ppm			< LOD : 16.01	< LOD : 23.55	< LOD : 8.40	< LOD : 51.93
C15	ppm			< LOD : 17.18	< LOD : 25.65	< LOD : 8.97	< LOD : 60.45

Appendix G

Area C - Heavy Mineral Silts

Sample #	Units	Pd	Nd	Pr	Ce	La	Nb	Y
C1	ppm		345.1	282.07	238.19	166.07	11.65	2.96
C2	ppm		434.22	299.53	249.51	197.52	16.06	2.72
C3	ppm	< LOD : 17.57						
C4	ppm	< LOD : 10.92						
C5	ppm	< LOD : 11.28						
C6	ppm		< LOD : 128	< LOD : 93.60	< LOD : 81.03	< LOD : 69.91	50.71	4.99
C7	ppm		274.42	182.87	265.33	159.08	77.12	8.87
C8	ppm	< LOD : 12.93						
C9	ppm	< LOD : 12.19						
C10	ppm		< LOD : 113	< LOD : 82.77	< LOD : 70.41	83.17	12.24	2.58
C11	ppm		191.8	118.38	120.21	88.93	9.59	1.89
C12	ppm	< LOD : 10.48						
C13	ppm	< LOD : 11.27						
C14	ppm		< LOD : 122	< LOD : 89.40	< LOD : 76.16	86.37	16.13	4.4
C15	ppm		395.73	207.95	241.31	152.04	24.1	5.3

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se
CT1	ppm	< LOD : 5.69	1777.99	86.28	22.61	3.71	73.9	< LOD : 11.83	< LOD : 4.34
CT2	ppm	< LOD : 9.90	2462.36	126.77	34.11	9.42	77.11	19.62	< LOD : 7.69
CT3	ppm	< LOD : 2.87	150.07	139.25	< LOD : 5.08	14.7	8.78	< LOD : 6.48	< LOD : 2.10
CT4	ppm	< LOD : 2.34	122.14	111.04	< LOD : 5.15	10.52	10.19	< LOD : 6.44	< LOD : 2.28
CT5	ppm	< LOD : 4.48	602.08	217.24	< LOD : 6.83	22.6	29.33	8.06	< LOD : 4.11
CT6	ppm	< LOD : 4.16	521.2	203.29	6.8	20.44	25.44	< LOD : 7.17	< LOD : 3.96
CT7	ppm	< LOD : 1.50	124.43	106.58	4.45	19.33	9.13	< LOD : 5.01	< LOD : 1.66
CT8	ppm	< LOD : 1.50	156.5	132.08	< LOD : 4.28	20.54	11.68	< LOD : 4.95	< LOD : 1.50
CT9	ppm	< LOD : 2.80	199.8	157.22	8.41	35.18	9.85	< LOD : 5.24	< LOD : 2.79
CT10	ppm	< LOD : 3.21	261.13	163.29	< LOD : 5.76	37.85	9.78	< LOD : 5.99	< LOD : 3.21

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	As	Hg	Au	Zn	W	Cu
CT1	ppm	< LOD : 6.63	< LOD : 300000.00	< LOD : 17.94	190.55	94.69	76.8
CT2	ppm	< LOD : 10.37	18.58	< LOD : 14.13	224.44	< LOD : 54.83	92.48
CT3	ppm	< LOD : 3.24	< LOD : 8.38	< LOD : 9.65	82.28	29.69	34.94
CT4	ppm	< LOD : 3.23	< LOD : 9.10	< LOD : 10.16	152.2	35.98	39.14
CT5	ppm	< LOD : 5.66	10.8	< LOD : 8.15	145.73	< LOD : 30.54	46.33
CT6	ppm	7.99	< LOD : 8.71	< LOD : 7.57	91.23	35.77	46.05
CT7	ppm	< LOD : 2.51	< LOD : 6.61	< LOD : 7.87	53.52	< LOD : 21.91	26.49
CT8	ppm	< LOD : 2.48	< LOD : 6.37	< LOD : 7.74	55.97	25.09	35.15
CT9	ppm	< LOD : 3.90	< LOD : 6.27	< LOD : 5.65	54.25	< LOD : 20.56	21.78
CT10	ppm	< LOD : 4.48	< LOD : 7.08	< LOD : 6.41	55.89	< LOD : 23.19	34.31

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	Ni	Co	Fe	Mn	Cr	V
CT1	ppm	101.46	< LOD : 322.06	198741.95	9881.74	< LOD : 975.08	< LOD : 2650.39
CT2	ppm	238.18	< LOD : 613.56	325543.13	14660.61	170.32	524.04
CT3	ppm	< LOD : 44.95	< LOD : 165.87	78264.57	3083.72	< LOD : 243.21	< LOD : 732.83
CT4	ppm	114.35	< LOD : 180.96	101412.98	5103.52	< LOD : 254.59	< LOD : 764.64
CT5	ppm	118.71	< LOD : 208.66	72262.59	2737.26	159.92	173.37
CT6	ppm	74.29	< LOD : 187.84	62383.37	2526.71	143.3	148.85
CT7	ppm	< LOD : 37.41	< LOD : 113.36	22488.86	789.49	< LOD : 166.85	< LOD : 505.39
CT8	ppm	< LOD : 36.07	< LOD : 114.86	26948.48	694.2	< LOD : 178.01	< LOD : 541.19
CT9	ppm	72.96	< LOD : 97.21	27376.03	874.01	107.8	97.88
CT10	ppm	65.22	< LOD : 111.38	28126.35	967.65	117.88	112.76

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs
CT1	ppm	40863.91		16235.83	1682.75		241.92	
CT2	ppm	55513.2	101.68	17076.42	1706	< LOD : 1054.67	< LOD : 83.73	< LOD : 24.60
CT3	ppm	3971.72		10247.62	4025.81		191.34	
CT4	ppm	3617.95		10000.18	3238.41		215.24	
CT5	ppm	12526.84	81.94	14262.16	3524.68	< LOD : 544.70	< LOD : 65.05	< LOD : 18.86
CT6	ppm	9856.95	84.91	13324.42	3584.67	< LOD : 522.91	< LOD : 64.35	< LOD : 18.60
CT7	ppm	2274.8		4680.72	7971.6		184.55	
CT8	ppm	2477.2		5765.01	8162.94		319.86	
CT9	ppm	4711.55	40.06	7336.54	6896.48	< LOD : 427.84	183.08	< LOD : 17.17
CT10	ppm	5022.25	31.29	8439.61	6508.23	< LOD : 418.72	154.92	< LOD : 16.96

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	Te	Sb	Sn	Cd	Ag
CT1	ppm		< LOD : 28.17	< LOD : 41.80	< LOD : 14.37	126.32
CT2	ppm	< LOD : 52.55	< LOD : 18.74	< LOD : 20.29	< LOD : 15.99	< LOD : 30.09
CT3	ppm		< LOD : 19.67	< LOD : 29.50	< LOD : 10.43	< LOD : 96.18
CT4	ppm		< LOD : 20.63	< LOD : 29.52	< LOD : 10.74	< LOD : 104.29
CT5	ppm	< LOD : 40.67	< LOD : 14.93	< LOD : 16.10	< LOD : 12.72	< LOD : 36.47
CT6	ppm	< LOD : 40.53	< LOD : 14.65	< LOD : 15.69	< LOD : 12.65	< LOD : 23.15
CT7	ppm		< LOD : 16.39	< LOD : 22.83	< LOD : 8.52	< LOD : 34.93
CT8	ppm		< LOD : 16.11	< LOD : 24.06	< LOD : 8.25	< LOD : 55.87
CT9	ppm	< LOD : 37.67	< LOD : 13.76	< LOD : 14.59	< LOD : 12.29	< LOD : 28.44
CT10	ppm	< LOD : 37.16	< LOD : 13.47	< LOD : 14.34	< LOD : 11.61	< LOD : 22.50

Appendix G

Area C - Heavy Mineral Tills

Sample #	Units	Pd	Nd	Pr	Ce	La	Nb	Y
CT1	ppm		951.73	630.06	786.12	540.36	214.95	25.07
CT2	ppm	< LOD : 14.96						
CT3	ppm		389.38	275.08	218.17	178.33	37.8	7.92
CT4	ppm		545.69	404.78	260.24	235.82	29	8.88
CT5	ppm	< LOD : 12.12						
CT6	ppm	< LOD : 11.93						
CT7	ppm		< LOD : 124.27	< LOD : 90.92	86.62	< LOD : 68.98	13.36	2.6
CT8	ppm		452.21	265.11	232.72	154.42	65.19	2.86
CT9	ppm	< LOD : 11.20						
CT10	ppm	< LOD : 10.81						

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Area C - Heavy Mineral Tills

Sample #	Units	Bi
CT1	ppm	< LOD : 41.54
CT2	ppm	
CT3	ppm	< LOD : 20.08
CT4	ppm	< LOD : 20.00
CT5	ppm	
CT6	ppm	
CT7	ppm	< LOD : 17.74
CT8	ppm	< LOD : 17.75
CT9	ppm	
CT10	ppm	