ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **Geological & Geochemical on the Frank Creek Property, Cariboo Mining Division, British Columbia**

TOTAL COST: **$52.923.00**

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): **6023505 (August 15, 2023 to April 29, 2024), 6032510 (August 15, 2023 to July 30, 2024) and 6040767 (July 1, 2024 to October 14, 2024),**

YEAR OF WORK: **2023, 2024 & 2025**
PROPERTY NAME: **Frank Creek Property**
CLAIM NAME(S) (on which work was done)
Frank 23 (tenure # 1106208)

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

BCGS: **93A/11 and 93A/14**
LATITUDE **52.66°**
LONGITUDE **121.43°**
UTM Zone **NAD 83** EASTING **605900** NORTHING **5835200**

OWNER(S): **Barker Minerals Ltd.**
MAILING ADDRESS: **P33 Valley Rd. Box 53, 150 Mile House BC, V0K 2G0**

OPERATOR(S) [who paid for the work]: **Barker Minerals Ltd.**
MAILING ADDRESS: **P33 Valley Rd. Box 53, 150 Mile House BC, 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	149	1106208	$10,685.31
Other	N/A		
DRILLING (total metres, number of holes, size, storage location)			
Core	N/A		
Non-core	N/A		
RELATED TECHNICAL			
Sampling / Assaying	**149**	**1106208**	**$42,237./69**
Petrographic	N/A		
Mineralographic	N/A		
Metallurgic	N/A		
PROSPECTING (scale/area)	N/A		
PREPATORY / PHYSICAL			
Line/grid (km)	N/A		
Topo/Photogrammetric (scale, area)	N/A		
Legal Surveys (scale, area)	N/A		
Road, local access (km)/trail	N/A		
Trench (number/metres)	N/A		
Underground development (metres)	N/A		
Other	N/A		
		TOTAL COST	**$52,923.00**

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:	2024/APR/30	**Effective:**	2024/APR/30
D/E Date:	2024/APR/30		

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: **6023505**

Work Type: Technical Work
Technical Items: Geochemical, Geological, PAC Withdrawal (up to 30% of technical work required)

Work Start Date: 2023/AUG/15
Work Stop Date: 2024/APR/29
Total Value of Work: $ 11000.00
Mine Permit No:

Summary of the work value:

Title Number	Claim Name	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
1106208	Frank 23	2023/JUL/22	2024/APR/30	2024/Aug/31	123	8825.18	$ 14842.41	$ 0.00

Financial Summary:

Total applied work value: $ 14842.41

PAC name: Barker Minerals Ltd.
Debited PAC amount: $ 3842.41
Credited PAC amount: $ 0

Total Submission Fees: $ 0.0

Total Paid: **$ 0.0**

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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:	2024/JUL/30	**Effective:**	2024/JUL/30
D/E Date:	2024/JUL/30		

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: **6032510**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2023/AUG/15
Work Stop Date: 2024/JUL/30
Total Value of Work: $ 19000.00
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
1106208	Frank 23	2023/JUL/22	2024/AUG/31	2025/JAN/30	152	8825.18	$ 18375.72

Financial Summary:

Total applied work value: 18375.72

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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Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder:	BARKER MINERALS LTD (140410)	**Submitter:**	BARKER MINERALS LTD (140410)
Recorded:	2024/OCT/15	**Effective:**	2024/OCT/15
D/E Date:	2024/OCT/15		

Confirmation

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

Event Number: **6040767**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2024/JUL/01
Work Stop Date: 2024/OCT/14
Total Value of Work: $ 15555.00
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
1106208	Frank 23	2023/JUL/22	2025/JAN/30	2025/MAY/30	120	8825.18	$ 14507.15

Financial Summary:

Total applied work value: 14507.15

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

This report describes 2023, 2024 and 2025 field work performed on Barker Minerals Ltd's Frank Creek Gold/VMS Property in the Cariboo Lake area, B.C. The purpose of the program was to search for indications of gold and/or VMS style mineralization and to add geochemical information to the existing database for the claim group and to identify potential mineralized target areas for future follow up programs.

The Frank Creek property, along with the Ace property, are both known to have deep overburden with complicated glacial histories. New logging activities have occurred both "down ice" and "across" the glacial till from the Frank Creek airborne Magnetic and EM target zones. The new logging roads are proximal to historic target areas and allow a broad area to be searched, and sampled, for possible extensions of favorable bedrock geology and/or new mineralized horizons.

One hundred and forty-nine rock float samples were collected in the field in 4 separate work areas, around and on three large newly logged areas southwest of the outlet of Cariboo Lake, all of which were followed up with XRF geochemical analysis.

The work programs were not successful in identifying any major VMS targets which require further detailed investigation or subsequent programs. However in the 4 work areas there were 6 quartz vein samples which were anomalous in gold.

In work Area CA, samples CA-10 and CA-13 had XRF results of 13.72 ppm and 10.4 ppm gold, respectively.

Area CB had no anomalous gold results or VMS indicators.

Area CC returned 3 samples with anomalous gold results. Samples CC-02, CC-26 and CC-28 had 13.31 ppm, 13.52 ppm and 12.34 ppm gold, respectively.

Area CD had 2 samples with anomalous gold. Samples CD-09 and CD-34 had 13.31 ppm, 13.52 ppm and 12.34 ppm gold, respectively. Sample CD-53 had a highly anomalous copper value of 1378 ppm returned from a float Mafic volcanic rock.

Maps and geochemical data for the work are presented in **Appendix G.**

GEOLOGICAL and GEOCHEMICAL

ASSESSMENT REPORT

on the

FRANK CREEK PROPERTY

Cariboo Mining Division, British Columbia

The geographic coordinates of the approximate centre of the property are:
52.73° North Latitude and 121.46° West Longitude or
604200 E and 5843900 N UTM coordinates (NAD 83)
The relevant map is:
N.T.S. Map No's. 93A/11 & 93A/14

Work was done in tenure no. 1106208

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

Prepared by:
Louis Doyle

February 13, 2025

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1.0 SUMMARY

This report describes 2023 and 2024 field work along with the 2025 camp work performed on Barker Minerals Ltd's Frank Creek Gold/VMS Property in the Cariboo Lake area, B.C. The purpose of the program was to search for indications of gold and/or VMS style mineralization and to add geochemical information to the existing database for the claim group and to identify potential mineralized target areas for future follow up programs.

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Maps and geochemical data for the work are presented in **Appendix G.**

Minerals Ltd. of 150 Mile House, B.C. The Property is approximately 25 km northeast of the community of Likely and 90 km northeast the City of Williams Lake.

The geographic coordinates of the approximate centre of the property are:
52.73° North Latitude and -121.46° West Longitude or
604200 E and 5843900 N UTM coordinates (NAD 83).
The relevant maps are: N.T.S. Map No. 93A/11 and 93A/14.

4.0 MINERAL CLAIMS

Table No. 1 – Mineral Claim Details, Barker Minerals Ltd. Cariboo Lake - Frank Creek Property

Tenure Number	Owner No.	Owner	Status	Area (ha)
1106208	140410	Barker Minerals Ltd. 100%	Good	8825.18

Total Area is 8825.18 ha

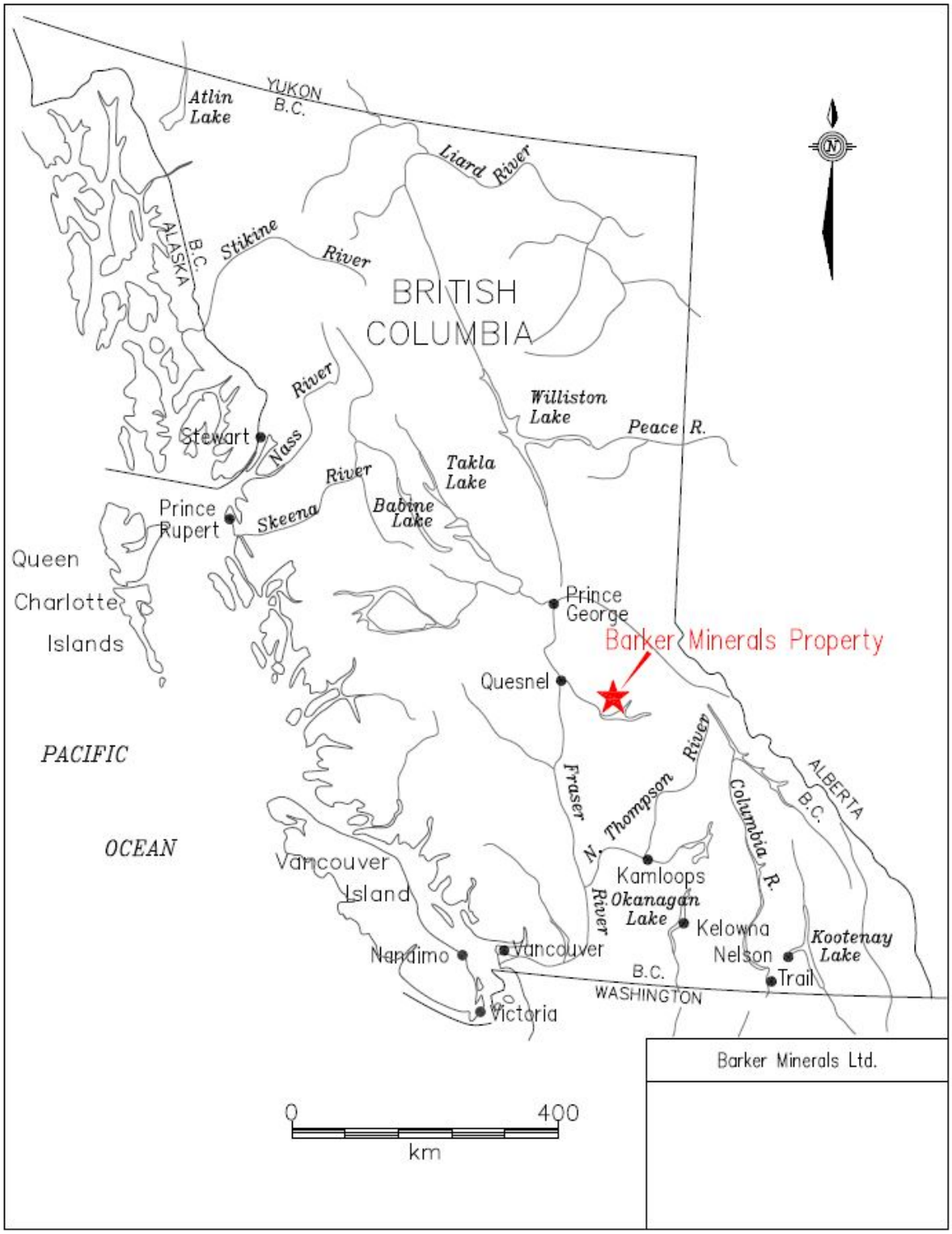


Figure No. 1 - Provincial Location Map.

605000

610000

Figure 2 - Claim Map

93a083

93a084

93a073

93a074

1106208

Four Creek

Weaver Creek

Kay Creek

Pine Creek

Ladies Creek

Cariboo Lake

Keithley Creek

Keithley Creek Road

Cariboo River FSR

Cariboo River

Frank Creek

Wilby Creek

Rolfe Creek

DL 11655

DL 571

DL 13208

DL 12964

DL 11567

DL 11544

DL 9688

DL 12059

DL 12058

DL 3496

DL 11757

DL 11626

DL 12210

DL 349

DL 9687

DL 11726

DL 11274

DL 5181, HILLBILLY NO. 1 MC

DL 5184, FIREFLY NO. 5 MC

DL 5185, FIREFLY NO. 6MC

DL 558

Work Area A

Work Area B

Work Area C

Work Area D

5850000

5845000

5840000

N

Map Datum: NAD83
Zone: 10

Scale:1:40,000

Legend

- Frank Creek 1106208
- 2024 Work Area A
- 2024 Work Area B
- 2024 Work Area C
- 2024 Work Area D
- Roads
- BC Mapsheets
- Lakes/Rivers
- Stream
- NCD

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

Figure 2 Claim Map 2023-2024-2025

Work Areas A , B, C and D

Barker Minerals Ltd.
Frank Creek Property
Work Areas A , B, C and D
Mineral Tenure: 1106208

Cariboo Mining Division, B.C.
Mapsheets: 93A.073, .074 Date drawn: February 13, 2025

605000

610000

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). Weldwood has been actively logging fir, spruce and pine in the area.

Access to the property is via gravel logging roads bearing northeast from Likely. Figure No. 3 shows access roads from Likely to Cariboo Lake and several of Barker's mineral properties, including Frank Creek which is approximately 1 hour drive from Likely.

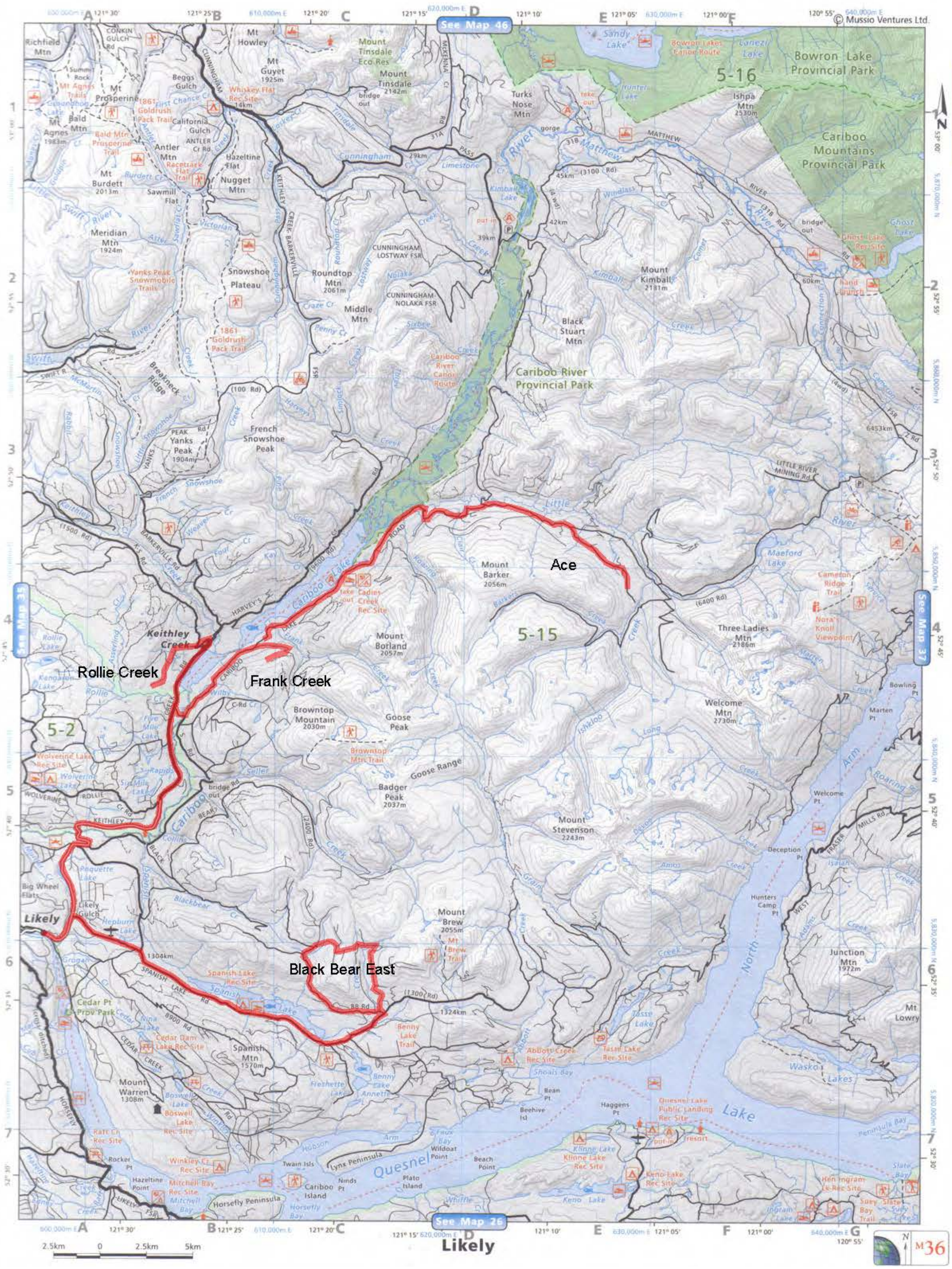


Figure No. 3 Access roads from Likely to several of Barker Minerals' properties.

6.0 HISTORY

The Frank Creek Project has historically had extensive work on it, including drilling, trenching, soil sampling and geophysical and geological mapping surveys; it would be appropriate to consult the References for an adequate description. Historically, since 1995 Frank Creek has been primarily a volcanogenic massive sulphide (VMS) prospect but gold vein mineralization is also present.

7.0 GEOLOGY

7.1 Regional Geology

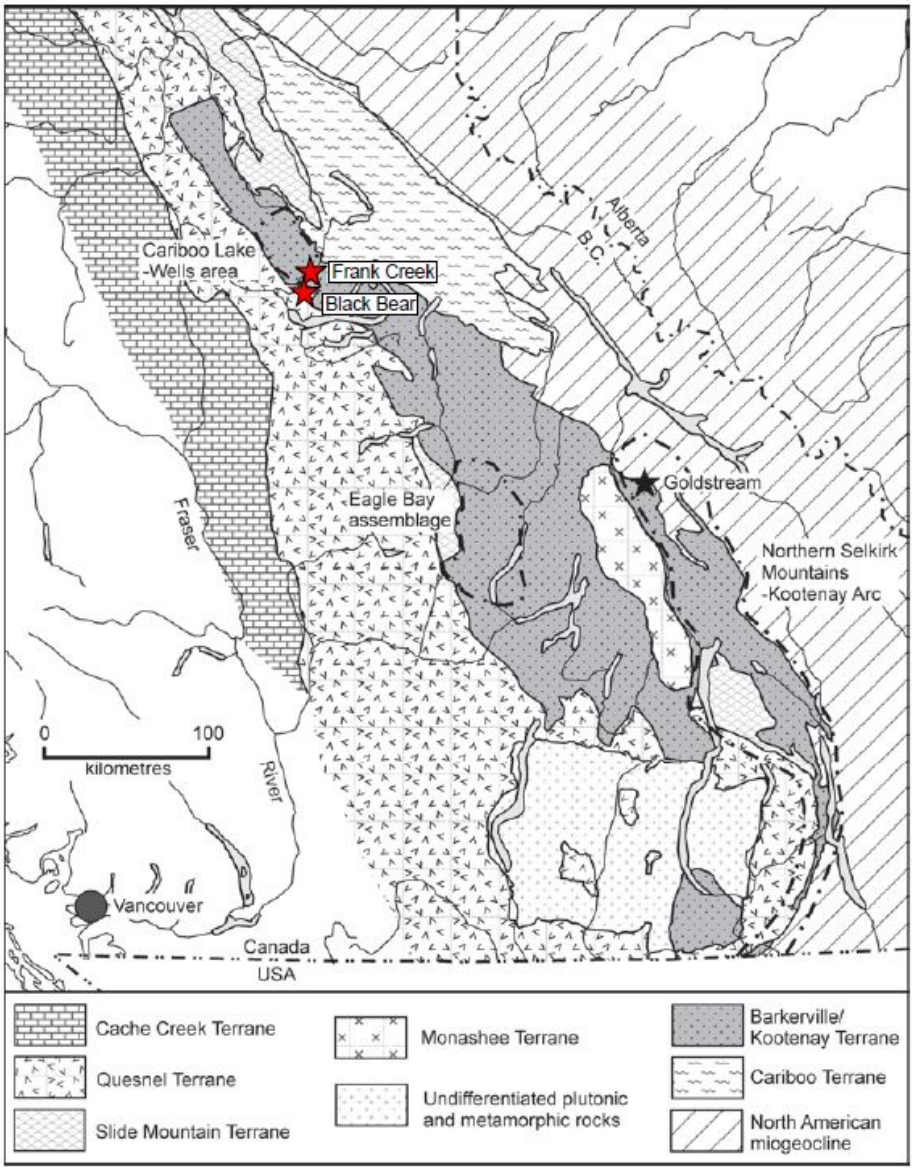


Figure No. 4 Terrane Map of Southern British Columbia.
Several Barker Minerals' properties are indicated by red stars.

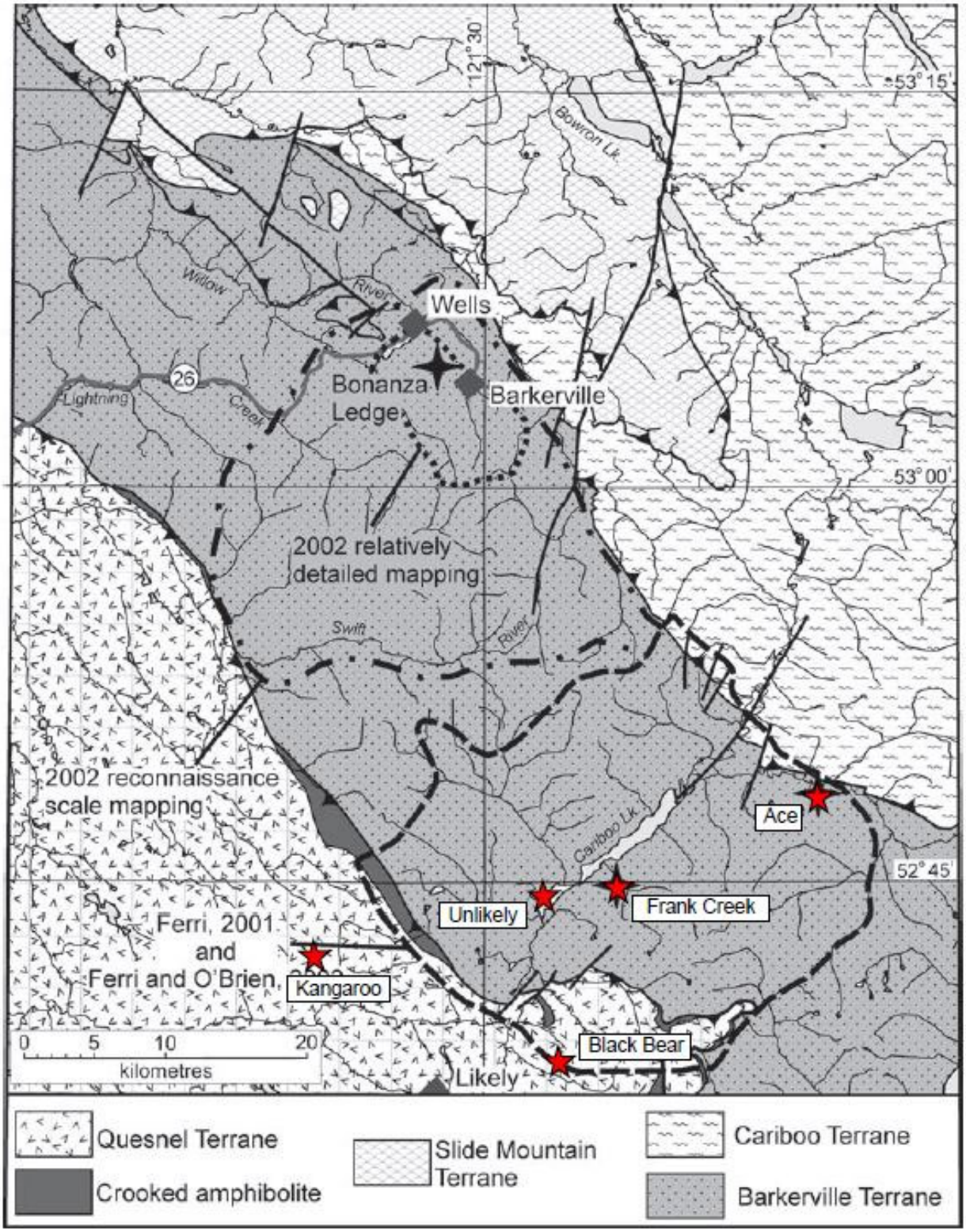


Figure No. 5 Terrane Map of Cariboo Lake – Wells Area.
Areas mapped by the BCGS in 2000 – 2002 are shown.
Several of Barker Minerals' properties are indicated by red stars.

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.

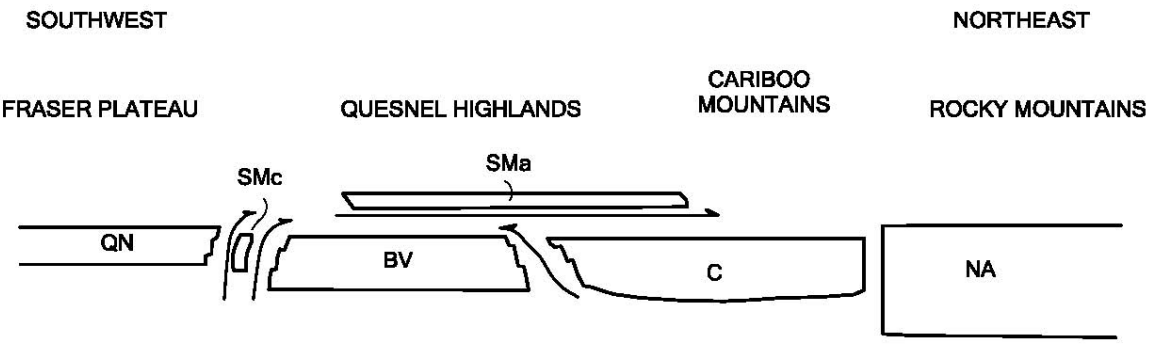


Figure No. 6 Schematic regional structural section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (Crooked amphibolite), QN-Quesnel and NA-North American. (after Struik, 1988).

Quesnel Terrane

The Late Triassic to Early Jurassic Quesnel Terrane…was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka Thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and volcaniclastic rocks and co-magmatic intrusions, with minor carbonate lenses and related sedimentary rocks.

The principal assemblage in the Quesnel Terrane is the Triassic-Jurassic Nicola Group island arc – marginal basin sequence. The underlying rocks are the Crooked Amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal basin volcanic and sedimentary rocks. Rocks of Quesnel Terrane and Crooked Amphibolite are structurally coupled and tectonically emplaced by the Eureka Thrust onto the Barkerville Terrane, to the east.

Two lithostratigraphic subdivisions of the Quesnel Terrane consists of: a basal Middle to Late Triassic metasedimentary unit of dominantly black phyllitic rocks, approximately 7 km thick, and an overlying Late Triassic to Early Jurassic volcanic arc assemblage, approximately 9 km thick. The overlying volcanic rocks outline a northwesterly trending belt of subaqueous and subaerial volcanic rocks, deposited along a series of volcanic-intrusive centres that define the Quesnel island arc of predominantly alkalic basalts.

Within…the northern extension of the Quesnel Trough, the term…Takla Group has been applied to rocks identical to the Quesnel belt rocks…Equivalent rocks to the south…are generally referred to as Nicola Group…Baily (1978) pointed out the similarity of the Quesnel volcanic units with both the Nicola Group rocks to the south and the Takla Group rocks to the north…The term Takla leads to ambiguity because in northern British Columbia it has been used for rocks in both Quesnel and Stikine terranes…The usage for the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred is Nicola Group. The term Takla Group possibly should be discarded… (Panteleyev et al., (1996).

The Quesnel Trough is a well-mineralized region typical of other Late Triassic to Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets in the central Quesnel belt are alkalic intrusion-related porphyry copper-gold deposits and gold-bearing propylitic alteration zones formed in volcanic rocks peripheral to some of the intrusions. Other important targets are auriferous quartz veins in the black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, low-grade deposits. Tertiary rocks are mineralized with copper and gold. Antimony-arsenic and mercury mineralization in some apparently low temperature quartz-calcite veins indicated the potential for epithermal deposits. Placer mining for gold, said to occur together with platinum, has been of major historical and economic importance.

Slide Mountain Terrane

Rocks of the Devonian to Late Triassic Slide Mountain Terrane were partly obducted, partly subducted during collision of an oceanic plate with the continent. Small slices of mainly mafic volcanic rocks and ultramafic rocks of the Slide Mountain Terrane occur in and parallel to the Eureka thrust. Minor lithologies include chert, meta-siltstone and argillite.

The Crooked Amphibolite, considered to likely be a part of the Slide Mountain Terrane, includes three major constituent rock types: greenstone, metagabbro and meta-ultramafite. North of Quesnel Lake, the map units consist of mafic metavolcanics, amphibolite, chlorite schist, serpentinite, ultramafic rocks and pillow lavas. Chemical analyses indicate subalkaline tholeiitic compositions of basalts formed on the ocean floor. If the Crooked Amphibolite is a sheared and metamorphosed equivalent of the Antler Formation and is part of the Slide Mountain Terrane, it is separated from the underlying Barkerville Terrane by the Eureka Thrust, a wide zone of mylonitization. The Crooked amphibolite and the overlying rocks of Quesnel Terrane are structurally coupled and emplaced tectonically onto Barkerville Terrane.

Barkerville Terrane

The Barkerville Terrane is made up of the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe Group rocks are Upper Proterozoic to Upper Devonian metasediments, considered correlative in age with the Eagle Bay Formation in the Kootenay Terrane to the south. The Snowshoe Group rocks are dominated by varieties of grit, quartzite, pelite, limestone and volcaniclastic rocks. The stratigraphic sequence is not well understood. The region was deformed by intense, complex, in part isoclinal folding and overturning. Locally,

strong shear deformation produced mylonitic textures. The Quesnel Lake Gneiss is a Devonian to Mississippian intrusive unit varying in composition from diorite to granite to syenite. It is generally coarse grained, leucocratic, often with megacrysts of potassium feldspar. The main body of gneiss is 30 km long by 3 km wide and is elongated parallel to the eastern border of the Intermontane belt. Its contacts are in part concordant with, and in part perpendicular to, metamorphic layering.

The contact between the Barkerville Terrane and Cariboo Terrane to the east is the Pleasant Valley Thrust. The Barkerville and Cariboo Terranes were juxtaposed prior to emplacement of the Slide Mountain Terrane which was thrust over both of them. The northeastern third of the Barkerville Terrane is the main zone of economic interest in the Cariboo district. Struik described it as “gold-enriched”, because it contains the historic Wells and Barkerville gold mines and the Cariboo Hudson deposit, approximately 40 km and 20 km northwest of the project area, respectively.

Cariboo Terrane

Northeast of Barker Minerals’ Cariboo Lake property 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 Geology at Cariboo Lake

Figure No. 7, next page, presents the broad-scale geology and stratigraphy of the Cariboo Lake project area. Work by Struik (1983), Ferri (2001) and Ferri and O’Brien (2002) placed the rocks of Barker’s project areas in the Snowshoe Group of the Barkerville terrane. These rocks include, from oldest to youngest, the Keithley succession, Harvey’s Ridge succession and Goose Peak quartzite.

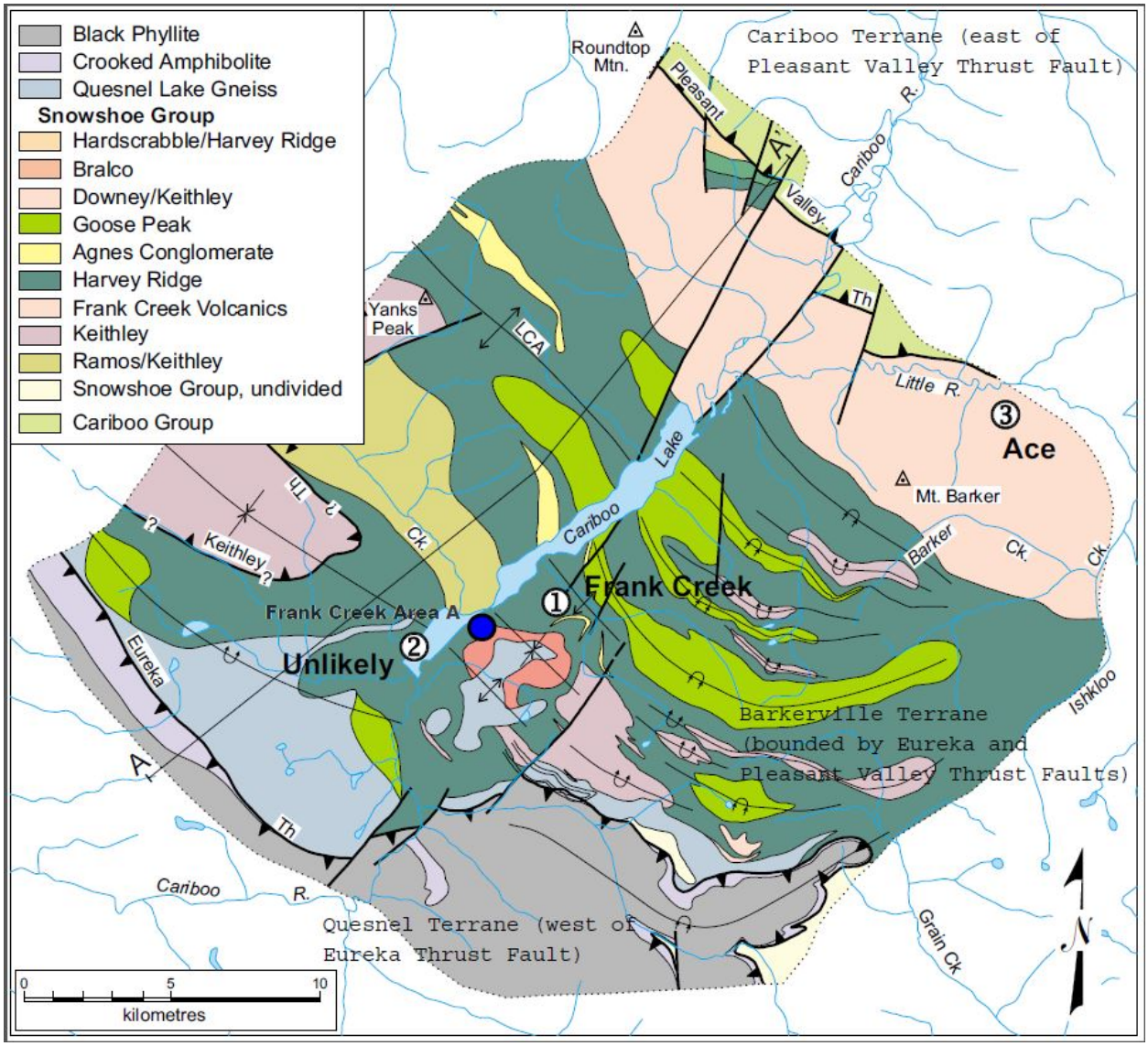


Figure No. 7 Geology and Stratigraphy of the Snowshoe Group. Barker Minerals' Ace, Unlikely and Frank Creek mineral prospects within the Cariboo Lake project are indicated on this BC Government map.

8.0 EXPLORATION PROGRAM, 2023, 2024 & 2025

The Frank Creek property, along with the Ace property, are both known to have deep overburden with complicated glacial histories. New logging activities have occurred both "down ice" and "across" the glacial till from the Frank Creek airborne Magnetic and EM target zones.

The new logging roads are proximal to historic target areas and allow a broad area to be searched, and sampled, for possible extensions of favorable bedrock geology and new mineralized horizons.

One hundred and forty-nine rock float samples were collected in the field in 4 separate work areas, around and on three large newly logged areas southwest of the outlet of Cariboo Lake, all of which were followed up with XRF geochemical analysis.

8.1 Sampling Method and Approach

The purpose of the program was to search for indications of gold and/or VMS style mineralization and to add geochemical information to the existing database for the claim group and to identify potential mineralized target areas for future follow up programs.

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

XRF analyses were completed at Barker's field office in Quesnel, B.C. Coordinates were collected at all sample locations. The coordinates are tabled in Appendix F. The rocks were analyzed to determine background values and to identify geochemical patterns. 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 although Au (gold) needs to be in relatively high grade in order to be detected by the XRF.

8.2 Economic Targets

The economic targets over all of the Cariboo Lake Property, Frank Creek area, are volcanogenic massive sulphide (VMS) and gold in quartz vein deposits.

8.3 Work done in 2023, 2024 and 2025

One hundred and forty-nine rock float samples were collected in the field in four separate work areas, around and on three large newly logged areas southwest of the outlet of Cariboo Lake, all of which were followed up with XRF geochemical analysis.

The work programs were not successful in identifying any major VMS targets which require further detailed investigation or subsequent programs. However in the 4 work areas there were 6 quartz vein samples which were anomalous in gold.

In work Area CA, samples CA-10 and CA-13 had XRF results of 13.72 ppm and 10.4 ppm gold, respectively.

Area CB had no anomalous gold results or VMS indicators.

Area CC returned 3 samples with anomalous gold results. Samples CC-02, CC-26 and CC-28 had 13.31 ppm, 13.52 ppm and 12.34 ppm gold, respectively.

Area CD had 2 samples with anomalous gold. Samples CD-09 and CD-34 had 13.31 ppm, 13.52 ppm and 12.34 ppm gold, respectively. Of interest is sample CD-53 which had a highly anomalous copper value of 1378 ppm in a float Mafic volcanic rock.

9.0 CONCLUSIONS and RECOMMENDATIONS

The results of the geological and geochemical studies will be added to the growing Frank Creek geochemical database. Part of that integration should be comparing the geochemical data with the Government airborne geophysical survey results to help identify conductive and magnetic target areas nearest the sampled areas, which may represent VMS or gold mineralized target areas.

The float rock samples collected and results are indicative of a possible gold vein system being present nearby which enhances the potential for future discovery of gold vein mineralization in bedrock nearby.

Ongoing active logging is taking place on a number of areas within the Frank Creek project areas with much future logging planned. The logging activity and associated access roads help provide access to areas which are otherwise inaccessible and which have yet to be explored. The new logging access roads and logging clear cuts provide opportunities to collect geochemical and geological information at an early stage through sampling of soils and rocks along the newly exposed road cuts and logged off areas.

With the deep overburden present over most of the property glacial till profile studies and surveys may also be useful to assist in vectoring in to the most prospective target areas for future trenching programs.

The results of a number of widespread quartz float samples warrants follow-up in order to determine if local sources of the quartz veins are present nearby. Further sampling, including rock, till and soil, should be done in the areas of fresh logging in the areas of anomalous gold and any higher copper and zinc values which can be followed up by geophysics and trenching if warranted

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

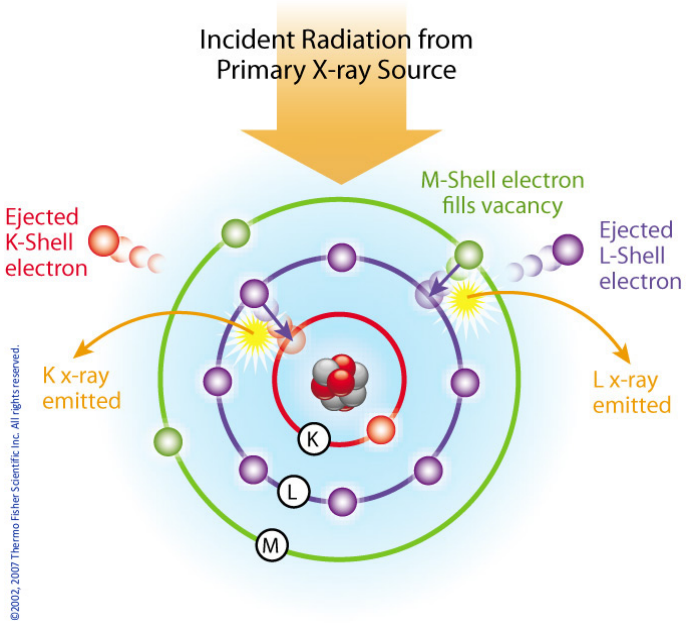
Thermo Scientific portable energy-dispersive x-ray fluorescence (EDXRF) analyzers, commonly known as XRF analyzers, can quickly and nondestructively determine the elemental composition of metal and precious metal samples of rocks, ore and soil.

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 August 15, 2023 to tp April 29, 2024

Work was done on claim # 1106208

Event # 6023505

Frank Creek Property - Geological

	Date	Days	Rate	Sub-total
Louis Doyle				
Planning & managing		1	$ 600.00	$ 600.00
Room & board		1	$ 100.00	$ 100.00
				$ 700.00

Frank Creek Property - Geological - Field

	Date	Days	Rate	Sub-total
Louis Doyle				
Rock sample collections	September 18, 2923	1	$ 600.00	$ 600.00
Rock sample collections	September 19, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 20, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 21, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 22, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 23, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 24, 2023	1	$ 600.00	$ 600.00
Rock sample collections	September 25, 2023	1	$ 600.00	$ 600.00
Vehicle & gas		8	$ 150.00	$ 1,200.00
Room & board		8	$ 100.00	$ 800.00
Colleen Doyle				
Rock sample collections	September 18, 2923	1	$ 300.00	$ 300.00
Rock sample collections	September 19, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 20, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 21, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 22, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 23, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 24, 2023	1	$ 300.00	$ 300.00
Rock sample collections	September 25, 2023	1	$ 300.00	$ 300.00
Room & board		8	$ 100.00	$ 800.00
Quad rental		8	$ 100.00	$ 800.00
				$ 10,800.00

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Barker Minerals Ltd.

Work was completed between August 15, 2023 to tp April 29, 2024

Work was done on claim # 1106208

Event # 6023505

Frank Creek Property - Travel

Louis Doyle						
Travel in/out	September 17, 2023	1	$	600.00	$	600.00
Travel in/out	September 26, 2023	1	$	600.00	$	600.00
Room & board		2	$	100.00	$	200.00
Vehicle & gas		2	$	150.00	$	300.00
Colleen Doyle						
Travel in/out	September 17, 2023	1	$	300.00	$	300.00
Travel in/out	September 26, 2023	1	$	300.00	$	300.00
Room & board		2	$	100.00	$	200.00
					$	**2,500.00**

Frank Creek Property - Misc. expenditures

Safety equipment (MTC), exploration supplies & equipment, communication devices & quad						
Exploration supplies & equipment					$	75.00
First aid equipment		8	$	50.00	$	400.00
Communication devices						
Hand held radios, satelite phones & SPOT locators		8	$	24.00	$	192.00
				Sub-total	**$**	**667.00**

Frank Creek Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**700.00**
Geological - Field	**Sub-total**	**$**	**10,800.00**
Travel	**Sub-total**	**$**	**2,500.00**
Misc. expenditures	**Sub-total**	**$**	**667.00**
Frank Creek Property Expenditure Total		**$**	**14,667.00**

BRITISH COLUMBIA

Print and Close | Cancel

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder:	BARKER MINERALS LTD (140410)	**Submitter:**	BARKER MINERALS LTD (140410)
Recorded:	2024/JUL/30	**Effective:**	2024/JUL/30
D/E Date:	2024/JUL/30		

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: **6032510**

Work Type: Technical Work
Technical Items: Geochemical, Geological

Work Start Date: 2023/AUG/15
Work Stop Date: 2024/JUL/30
Total Value of Work: $ 19000.00
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
1106208	Frank 23	2023/JUL/22	2024/AUG/31	2025/JAN/30	152	8825.18	$ 18375.72

Financial Summary:

Total applied work value: 18375.72

PAC name: Barker Minerals Ltd.

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

Please print this page for your records.

The event was successfully saved.

Click here to return to the Main Menu.

Barker Minerals Ltd.

Work was completed between July 1, 2024 tp October 14, 2024

Work was done on claim # 1106208

Event # 6040767

Frank Creek Property - Geological - Office

	Date	Days	Rate	Sub-total
Louis Doyle				
Planning & managing		1	$ 600.00	$ 600.00
Report writing		4	$ 600.00	$ 2,400.00
Room & board		5	$ 100.00	$ 500.00
Colleen Doyle				
Report compilation		2	$ 300.00	$ 600.00
Room & board		2	$ 100.00	$ 200.00
Brenda Bye				
Map drafting		3	$ 500.00	$ 1,500.00
Room & board		3	$ 100.00	$ 300.00
				$ 6,100.00

Frank Creek Property - Geological - Field

	Date	Days	Rate	Sub-total
Louis Doyle				
Rock sample collections	July 4, 2024	1	$ 600.00	$ 600.00
Rock sample collections	July 5, 2024	1	$ 600.00	$ 600.00
Vehicle & gas		2	$ 150.00	$ 300.00
Room & board		2	$ 100.00	$ 200.00
Colleen Doyle				
Rock sample collections	July 4, 2024	1	$ 300.00	$ 300.00
Rock sample collections	July 5, 2024	1	$ 300.00	$ 300.00
Room & board		2	$ 100.00	$ 200.00
Quad rental		2	$ 100.00	$ 200.00
				$ 2,700.00

Frank Creek Property - Geochemical - Camp

	Date	Days	Rate	Sub-total
Louis Doyle				
Rock sample preparation	September 23, 2024	1	$ 600.00	$ 600.00
Rock sample preparation	September 24, 2024	1	$ 600.00	$ 600.00
Rock sample preparation	September 25, 2024	1	$ 600.00	$ 600.00
Rock sample preparation	September 26, 2024	1	$ 600.00	$ 600.00
Rock sample preparation	September 27, 2024	1	$ 600.00	$ 600.00
Room & board		5	$ 100.00	$ 500.00

Barker Minerals Ltd.

Work was completed between July 1, 2024 tp October 14, 2024

Work was done on claim # 1106208

Event # 6040767

Frank Creek Property - Geochemical - Camp (continued)

Brian Hall

XRF operator	September 23, 2024	1	$	600.00	$	600.00
XRF operator	September 24, 2024	1	$	600.00	$	600.00
XRF operator	September 25, 2024	1	$	600.00	$	600.00
XRF operator	September 26, 2024	1	$	600.00	$	600.00
XRF operator	September 27, 2024	1	$	600.00	$	600.00
Room & board		5	$	100.00	$	500.00
XRF rental		5	$	200.00	$	1,000.00
					$	**8,000.00**

Frank Creek Property - Misc. expenditures

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

Exploration supplies & equipment					$	185.00
First aid equipment		2	$	50.00	$	100.00
Communication devices						
Hand held radios, satelite phones & SPOT locators		2	$	24.00	$	48.00
				Sub-total	**$**	**333.00**

Frank Creek Property Expenditure Summary

Geological - Office	**Sub-total**	**$**	**6,100.00**
Geological - Field	**Sub-total**	**$**	**2,700.00**
Geochemical - Camp	**Sub-total**	**$**	**8,000.00**
Misc. expenditures	**Sub-total**	**$**	**333.00**
Frank Creek Property Expenditure Total		**$**	**17,133.00**

APPENDIX E

Statement of Expenditures

Appendix F - Sample Locations & Descriptions

Area A

Sample #	Easting	Northing	Type	Magnetic
ca-01	608899	5844185	Gneiss	N
ca-02	608963	5844171	Quartz Vein	N
ca-03	609085	5844178	Mafic volcanic	Y
ca-04	609195	5844231	Mafic volcanic	Y
ca-05	609237	5844194	Mafic volcanic	Y
ca-06	609281	5844156	Mafic volcanic	Y
ca-07	609322	5844107	Altered Quartz Vein	N
ca-08	609217	5844135	Gneiss	N
ca-09	609088	5844120	Altered schist	slight
ca-10	609128	5844090	Altered Quartz Vein	N
ca-11	609183	5844076	Quartz Vein	N
ca-12	609212	5844032	Altered schist	slight
ca-13	609252	5843938	Altered Quartz Vein	N
ca-14	609194	5843923	Altered schist	slight
ca-15	609117	5843990	Gneiss	N
ca-16	608859	5844081	Altered schist	slight
ca-17	608796	5844105	Mafic volcanic	Y
ca-18	608710	5844034	Altered schist	slight
ca-19	608795	5844035	Quartz Vein	N
ca-20	608922	5844045	Altered Quartz Vein	N
ca-21	608976	5844070	Mafic volcanic	Y
ca-22	609023	5844021	Quartz Vein	N
ca-23	609054	5843995	Mafic volcanic	Y
ca-24	609095	5843926	Gneiss	N
ca-25	609122	5843889	Altered Quartz Vein	N
ca-26	609043	5843919	Altered schist	slight
ca-27	608988	5843917	Mafic volcanic	Y
ca-28	608930	5843965	Mafic volcanic	Y
ca-29	608672	5843936	Altered schist	slight
ca-30	608681	5843839	Altered schist	slight
ca-31	608757	5843877	Quartz Vein	N
ca-32	608861	5843870	Quartz Vein	N
ca-33	608986	5843847	Mafic volcanic	Y

Appendix F - Sample Locations & Descriptions

Area B

Sample #	Easting	Northing	Type	Magnetic
cb-1	608710	5842372	Altered schist	slight
cb-2	608539	5842394	Gneiss	N
cb-3	608444	5842374	Gneiss	N
cb-4	608524	5842190	Gneiss	N
cb-5	608719	5842259	Altered schist	slight
cb-6	608812	5842362	Altered schist	slight
cb-7	608864	5842327	Altered schist	slight
cb-8	609080	5842461	Altered schist	slight
cb-9	608986	5842441	Altered schist	slight
cb-10	608964	5842453	Altered schist	slight
cb-11	608865	5842165	Altered schist	slight
cb-12	608804	5842229	Altered schist	slight
cb-13	608956	5842355	Altered schist	slight
cb-14	608967	5842248	Altered schist	slight
cb-15	608857	5842413	Altered schist	slight
cb-16	608885	5842423	Altered schist	slight
cb-17	608885	5842379	Altered schist	slight
cb-18	608938	5842281	Quartz Vein	N
cb-19	608965	5842301	Quartz Vein	N
cb-20	609012	5842381	Mafic volcanic	Y
cb-21	609017	5842373	Mafic volcanic	Y
cb-22	609015	5842312	Quartz Vein	N
cb-23	609090	5842528	Altered schist	slight
cb-24	609063	5842531	Gneiss	N
cb-25	608957	5842600	Altered schist	slight
cb-26	608862	5842598	Altered schist	slight
cb-27	608829	5842575	Altered schist	slight

Appendix F - Sample Locations & Description

Area C

Sample #	Easting	Northing	Type	Magnetic
cc-01	610705	5843921	Altered schist	slight
cc-02	610652	5843921	Altered Quartz Vein	N
cc-03	610623	5843883	Gneiss	N
cc-04	610672	5843857	Gneiss	N
cc-05	610719	5843854	Altered schist	slight
cc-06	610700	5843823	Altered schist	slight
cc-07	610696	5843794	Quartz Vein	N
cc-08	610618	5843799	Mafic volcanic	Y
cc-09	610735	5843739	Altered schist	slight
cc-10	610730	5843688	Altered schist	slight
cc-11	610693	5843709	Mafic volcanic	Y
cc-12	610600	5843617	Altered schist	slight
cc-13	610666	5843624	Gneiss	N
cc-14	610856	5843630	Altered schist	N
cc-15	610828	5843580	Altered schist	N
cc-16	610799	5843521	Altered schist	slight
cc-17	610858	5843520	Mafic volcanic	Y
cc-18	610754	5843473	Quartz Vein	N
cc-19	610709	5843551	Quartz Vein	N
cc-20	610696	5843534	Mafic volcanic	Y
cc-21	610615	5843539	Mafic volcanic	Y
cc-22	610569	5843509	Gneiss	N
cc-23	610627	5843514	Altered schist	slight
cc-24	610666	5843489	Altered schist	slight
cc-25	610723	5843441	Quartz Vein	N
cc-26	610709	5843465	Altered Quartz Vein	N
cc-27	610784	5843431	Mafic volcanic	Y
cc-28	610748	5843411	Altered Quartz Vein	N
cc-29	610686	5843373	Altered schist	slight
cc-30	610549	5843453	Altered schist	slight
cc-31	610577	5843440	Altered schist	slight
cc-32	610620	5843460	Mafic volcanic	Y
cc-33	610595	5843392	Quartz Vein	N
cc-34	610642	5843338	Gneiss	N

Appendix F - Sample Locations & Descriptions

Area D

Sample #	Easting	Northing	Type	Magnetic
cd-01	610280	5842347	Altered schist	slight
cd-02	610338	5842212	Mafic volcanic	Y
cd-03	610147	5842208	Gneiss	N
cd-04	610089	5842137	Gneiss	N
cd-05	609970	5842182	Altered schist	slight
cd-06	609894	5842246	Altered schist	slight
cd-07	609827	5842313	Quartz vein	N
cd-08	609877	5842435	Mafic volcanic	Y
cd-09	609941	5842375	Quartz vein	N
cd-10	610057	5842429	Quartz vein	N
cd-11	610156	5842358	Mafic volcanic	Y
cd-12	610429	5842541	Altered schist	slight
cd-13	610271	5842469	Quartz vein	N
cd-14	610147	5842473	Altered schist	N
cd-15	610377	5842568	Altered schist	N
cd-16	610292	5842582	Altered schist	slight
cd-17	610215	5842631	Mafic volcanic	Y
cd-18	610267	5842694	Gneiss	N
cd-19	610343	5842664	Quartz vein	N
cd-20	610575	5842632	Mafic volcanic	y
cd-21	610578	5842692	Mafic volcanic	y
cd-22	610535	5842718	Altered schist	N
cd-23	610448	5842683	Altered schist	N
cd-24	610427	5842743	Altered schist	slight
cd-25	610545	5842825	Gneiss	N
cd-26	610616	5842925	Quartz vein	N
cd-27	610644	5843049	Mafic volcanic	y
cd-28	610685	5843040	Mafic volcanic	y
cd-29	610557	5843001	Mafic volcanic	y
cd-30	610481	5842916	Altered schist	N
cd-31	610385	5842882	Altered schist	N
cd-32	610300	5842945	Gneiss	N
cd-33	610331	5842822	Gneiss	N
cd-34	610260	5842801	Altered Quartz vein	N
cd-35	610115	5842804	Mafic volcanic	y
cd-36	610153	5842718	Mafic volcanic	y
cd-37	610112	5842604	Quartz vein	N
cd-38	609972	5842564	Altered schist	N
cd-39	609858	5842558	Altered schist	N
cd-40	609703	5842525	Mafic volcanic	y
cd-41	609809	5842637	Altered schist	N

Appendix F - Sample Locations & Descriptions

Area D

Sample #	Easting	Northing	Type	Magnetic
cd-42	610001	5842710	Altered schist	N
cd-43	609906	5842826	Quartz vein	N
cd-44	609963	5842913	Quartz vein	N
cd-45	609836	5842923	Gneiss	N
cd-46	609831	5842858	Altered schist	N
cd-47	609757	5842967	Altered schist	N
cd-48	609760	5842685	Altered schist	N
cd-49	609710	5842631	Mafic volcanic	y
cd-50	609605	5842604	Altered schist	N
cd-51	609527	5842638	Altered schist	N
cd-52	609589	5842694	Mafic volcanic	y
cd-53	609604	5842783	Mafic volcanic	y
cd-54	609704	5842760	Altered schist	N
cd-55	609703	5842829	Quartz vein	N

APPENDIX G

Rock Sample Locations with XRF Results

610000

5845000

Cariboo Lake

Cariboo River FSR

1106208

Work Area A

93a073

93a074

Willby Creek

ca-01 ca-02 ca-03 ca-04 ca-05 ca-06 ca-07 ca-08 ca-09 ca-10 ca-11 ca-12 ca-13 ca-14 ca-15 ca-16 ca-17 ca-18 ca-19 ca-20 ca-21 ca-22 ca-23 ca-24 ca-25 ca-26 ca-27 ca-28 ca-29 ca-30 ca-31 ca-32 ca-33

Frank Property
Rock Samples and Zn, Cu, Au Results

Sample	Copper (Cu)	Zinc (Zn)	Gold (Au)
ca-01	0	47.29	0
ca-02	0	0	0
ca-03	0	0	0
ca-04	0	101.96	0
ca-05	30.73	52.47	0
ca-06	0	0	0
ca-07	0	19.67	0
ca-08	0	26.46	0
ca-09	0	0	0
ca-10	24.18	192.55	13.22
ca-11	30.87	14.88	0
ca-12	0	11.06	0
ca-13	0	20.78	10.4
ca-14	0	0	0
ca-15	0	44.42	0
ca-16	0	0	0
ca-17	0	26.77	0
ca-18	0	38.19	0
ca-19	0	40.55	0
ca-20	0	50.55	0
ca-21	0	73.25	0
ca-22	0	54.42	0
ca-23	0	941.59	0
ca-24	0	0	0
ca-25	0	0	0
ca-26	0	0	0
ca-27	17.64	41	0
ca-28	0	287.51	0
ca-29	16.9	59.04	0
ca-30	0	65.73	0
ca-31	154.49	351.76	0
ca-32	0	0	0
ca-33	0	53.66	0

Legend

- Frank Creek 1106208
- BC Mapsheets
- ROAD
- Lakes/Rivers
- Stream
- NCD

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

Appendix G - Sample Locations with Zinc, Copper and Gold Geochemical XRF Results
2023 -2024 - 2025 Work Area A

N

Map Datum: NAD83
Zone: 10

Scale:1:10,000

610000

Barker Minerals Ltd.

Frank Creek Property
Work Area A Map

Area A Samples

Mineral Tenure: 1106208

Cariboo Mining Division, B.C.
Date drawn: February 13, 2025
Mapsheets: 93A.073, .074

Appendix G

Frank Creek Property
2023, 2024 2025
Rock Sample XRF Results

Area A

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
ca-01	ppm	< LOD	192.03	97.1	< LOD	96.77	18.84	< LOD	< LOD	< LOD	< LOD	< LOD
ca-02	ppm	< LOD	199.69	139.8	< LOD	14.12	28.66	23.15	< LOD	< LOD	< LOD	< LOD
ca-03	ppm	< LOD	67.63	67.8	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-04	ppm	< LOD	28.68	147.95	< LOD	8.64	< LOD	< LOD	< LOD	35.33	< LOD	< LOD
ca-05	ppm	< LOD	68.75	79.85	6.62	17.57	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-06	ppm	< LOD	4.3	23.1	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-07	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	178.3	< LOD	< LOD	< LOD	< LOD
ca-08	ppm	< LOD	62.21	182.74	< LOD	44.89	9.28	14.83	< LOD	< LOD	< LOD	< LOD
ca-09	ppm	< LOD	7.76	139.85	< LOD	8.74	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-10	ppm	< LOD	82.75	280.65	13.5	77.52	21.36	< LOD	< LOD	< LOD	< LOD	13.22
ca-11	ppm	< LOD	< LOD	29.44	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-12	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	4.25	< LOD	< LOD
ca-13	ppm	< LOD	77.41	77.21	< LOD	112.92	11.58	< LOD	< LOD	< LOD	10.03	10.4
ca-14	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-15	ppm	< LOD	< LOD	5.05	< LOD	7.94	< LOD	< LOD	< LOD	50.92	< LOD	< LOD
ca-16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-17	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-18	ppm	< LOD	90.11	62.68	6.54	51.54	9.75	< LOD	< LOD	< LOD	< LOD	< LOD
ca-19	ppm	< LOD	93.01	59.44	7.8	159.87	16.06	< LOD	< LOD	< LOD	< LOD	< LOD
ca-20	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-21	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-22	ppm	< LOD	105.48	157.36	< LOD	50.44	20.53	< LOD	< LOD	< LOD	< LOD	< LOD
ca-23	ppm	< LOD	23.63	19.43	17.76	27.59	< LOD	< LOD	< LOD	82	< LOD	< LOD
ca-24	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-25	ppm	< LOD	68.56	49.31	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-26	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-27	ppm	< LOD	38.35	103.7	< LOD	92.34	6.39	< LOD	< LOD	< LOD	< LOD	< LOD
ca-28	ppm	< LOD	86.87	377.02	8.29	27.74	17.77	< LOD	< LOD	25.51	< LOD	< LOD
ca-29	ppm	< LOD	153.67	70.84	13.22	89.02	25.39	< LOD	< LOD	< LOD	< LOD	< LOD
ca-30	ppm	< LOD	118.69	139.22	< LOD	30	< LOD	< LOD	< LOD	10	< LOD	< LOD
ca-31	ppm	< LOD	94.79	16.11	< LOD	13.02	< LOD	< LOD	< LOD	231.29	< LOD	< LOD
ca-32	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-33	ppm	< LOD	86.54	37.34	8.08	57.57	14.67	< LOD	< LOD	7.06	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024 2025
Rock Sample XRF Results

Area A

Sample #	Units	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V
ca-01	ppm	47.29	< LOD	< LOD	< LOD	< LOD	44178.64	< LOD	152.14	89.54
ca-02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	5229.38	< LOD	91.22	55.79
ca-03	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	9509.02	< LOD	63.69	< LOD
ca-04	ppm	101.96	< LOD	< LOD	107.14	< LOD	76285.6	1135.38	274.75	146.67
ca-05	ppm	52.47	< LOD	30.73	< LOD	< LOD	54158.59	4240.72	53.29	< LOD
ca-06	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	13273.35	< LOD	67.77	16.38
ca-07	ppm	19.67	< LOD	< LOD	< LOD	< LOD	6415.08	455.86	59.77	< LOD
ca-08	ppm	26.46	< LOD	< LOD	< LOD	< LOD	6678.38	174.04	39.86	21.42
ca-09	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	37416.57	< LOD	89.27	67.05
ca-10	ppm	192.55	< LOD	24.18	103.77	< LOD	27220.46	680.52	123.01	74.25
ca-11	ppm	14.88	< LOD	30.87	< LOD	< LOD	23160.81	3447.89	< LOD	< LOD
ca-12	ppm	11.06	< LOD	< LOD	< LOD	< LOD	2568.97	94.13	< LOD	< LOD
ca-13	ppm	20.78	< LOD	< LOD	61.09	< LOD	15412.71	224.29	47.94	< LOD
ca-14	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1956.76	< LOD	299.65	< LOD
ca-15	ppm	44.42	< LOD	< LOD	97.69	< LOD	134233	4922.56	< LOD	81.58
ca-16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1238.26	< LOD	22.21	16.04
ca-17	ppm	26.77	< LOD	< LOD	< LOD	< LOD	8227.31	469.3	85.62	< LOD
ca-18	ppm	38.19	< LOD	< LOD	< LOD	< LOD	9271.4	445.63	54.62	46.09
ca-19	ppm	40.55	< LOD	< LOD	< LOD	< LOD	23299.54	441.78	35.67	34.64
ca-20	ppm	50.55	< LOD	< LOD	< LOD	< LOD	72416.95	677.46	< LOD	30.65
ca-21	ppm	73.25	< LOD	< LOD	< LOD	< LOD	13830.12	156.22	33.63	< LOD
ca-22	ppm	54.42	< LOD	< LOD	< LOD	< LOD	75363.48	8746.46	54.94	32.09
ca-23	ppm	941.59	< LOD	< LOD	218.25	< LOD	208602.67	9201.13	< LOD	95.95
ca-24	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	810.72	< LOD	< LOD	< LOD
ca-25	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	83131.04	< LOD	< LOD	< LOD
ca-26	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	154.52	< LOD	< LOD	< LOD
ca-27	ppm	41	< LOD	17.64	< LOD	< LOD	12392.13	234.7	49.9	33.34
ca-28	ppm	287.51	< LOD	< LOD	134.37	< LOD	47406.82	1045.39	122.12	93.99
ca-29	ppm	59.04	< LOD	16.9	< LOD	< LOD	12332.41	259.47	54.38	66.66
ca-30	ppm	65.73	< LOD	< LOD	< LOD	< LOD	52025.86	< LOD	103.26	149.85
ca-31	ppm	351.76	< LOD	154.49	433.95	< LOD	113375.85	< LOD	489.47	161.45
ca-32	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	340.62	55.08	< LOD	< LOD
ca-33	ppm	53.66	< LOD	< LOD	< LOD	< LOD	26091.14	< LOD	56.98	19.23

Appendix G

Frank Creek Property
2023, 2024 2025
Rock Sample XRF Results

Area A

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs	Te	Sb
ca-01	ppm	3870.79	< LOD	8189.12	20289.79	< LOD	< LOD	< LOD	< LOD	< LOD
ca-02	ppm	876.24	43.46	12215.18	6175.75	< LOD	< LOD	< LOD	< LOD	< LOD
ca-03	ppm	179.44	6.98	1844.53	176.19	< LOD	< LOD	< LOD	< LOD	< LOD
ca-04	ppm	1213.86	67.97	29817.75	2267.61	< LOD	< LOD	< LOD	< LOD	< LOD
ca-05	ppm	112.56	169.79	82070.46	5874.41	< LOD	< LOD	< LOD	< LOD	< LOD
ca-06	ppm	260.26	7.07	1262.67	< LOD	< LOD	309.53	101.97	< LOD	< LOD
ca-07	ppm	34.68	< LOD	272.78	259.94	< LOD	133.33	50.51	< LOD	< LOD
ca-08	ppm	773.39	< LOD	4665.15	11444.77	< LOD	781.2	70.25	< LOD	< LOD
ca-09	ppm	676.32	164.73	65333.07	5069.79	< LOD	1409.72	89	95.37	< LOD
ca-10	ppm	2809.36	42.16	11665.79	23924.34	< LOD	4894.68	124.38	92.96	< LOD
ca-11	ppm	< LOD	82.48	50333.44	337.4	< LOD	< LOD	< LOD	< LOD	< LOD
ca-12	ppm	< LOD	< LOD	166.68	135.4	< LOD	137.01	97.05	121.71	< LOD
ca-13	ppm	1552.83	< LOD	625.01	26582.21	< LOD	1176.66	121.84	125.64	49.75
ca-14	ppm	< LOD	< LOD	121.37	116.22	< LOD	143.15	79.17	113.13	< LOD
ca-15	ppm	< LOD	26	1676.5	5348.81	< LOD	534.9	294.82	422.77	< LOD
ca-16	ppm	40.11	< LOD	180.18	93.35	< LOD	< LOD	< LOD	< LOD	< LOD
ca-17	ppm	< LOD	< LOD	200.58	245.11	< LOD	128.08	58.69	85.35	30.45
ca-18	ppm	1578.89	11.62	2556.58	15020.22	< LOD	< LOD	< LOD	< LOD	< LOD
ca-19	ppm	1402.01	< LOD	851.9	31422.86	< LOD	1492.04	< LOD	< LOD	< LOD
ca-20	ppm	< LOD	< LOD	162.98	2197.18	< LOD	221.15	146.64	174.64	64.37
ca-21	ppm	125.29	5.48	369.63	3618.49	< LOD	568.28	62.48	< LOD	< LOD
ca-22	ppm	384.52	162.05	59201.59	8287.93	< LOD	< LOD	< LOD	< LOD	< LOD
ca-23	ppm	745.82	< LOD	944.42	6695	< LOD	2479.18	101.1	113.03	< LOD
ca-24	ppm	22.58	< LOD	130.51	135.41	< LOD	< LOD	78.26	125.15	50.89
ca-25	ppm	3286.87	< LOD	6476.62	4706.75	< LOD	2205.11	< LOD	< LOD	< LOD
ca-26	ppm	450.33	< LOD	61.37	162.81	< LOD	131.16	77.37	85.36	29.71
ca-27	ppm	1731.28	< LOD	3500.27	19556.27	< LOD	754.9	79.79	< LOD	< LOD
ca-28	ppm	3349.67	98.8	25289.17	8358.74	< LOD	3401.46	105.84	97.36	< LOD
ca-29	ppm	3238.2	23.04	11946.01	30746.43	< LOD	497.67	116.27	122.2	< LOD
ca-30	ppm	4305.73	89.63	35051.13	11088.84	< LOD	2161.22	60.1	< LOD	< LOD
ca-31	ppm	4668.97	< LOD	3442.45	8339.44	< LOD	1684.74	56.46	< LOD	< LOD
ca-32	ppm	< LOD	< LOD	173.11	224	< LOD	103.67	71.37	101.13	< LOD
ca-33	ppm	1019.62	< LOD	666	9479.75	< LOD	469.16	82.01	137.49	49.66

Appendix G

Frank Creek Property
2023, 2024 2025
Rock Sample XRF Results

Area A

Sample #	Units	Sn	Cd	Ag	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
ca-01	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19.98	3.77	< LOD
ca-02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	5.79	< LOD
ca-03	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	3.01	< LOD	< LOD
ca-04	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-05	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2.06	< LOD
ca-06	ppm	< LOD	< LOD	258.32	< LOD	684.66	391.33	< LOD	328.37	< LOD	< LOD	< LOD
ca-07	ppm	< LOD	< LOD	< LOD	< LOD	484.81	305.5	169.77	171	< LOD	< LOD	< LOD
ca-08	ppm	< LOD	< LOD	< LOD	< LOD	576.63	439.32	334.52	251.74	7.01	1.6	< LOD
ca-09	ppm	< LOD	< LOD	113.06	< LOD	578.51	425.34	231.21	243.99	4.15	< LOD	< LOD
ca-10	ppm	< LOD	< LOD	< LOD	< LOD	322.08	368.05	262.63	228.28	10.99	1.99	< LOD
ca-11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2.18	< LOD
ca-12	ppm	< LOD	< LOD	< LOD	< LOD	479.18	376	162.64	170.53	< LOD	< LOD	< LOD
ca-13	ppm	< LOD	< LOD	113.12	< LOD	591.19	317.77	255.67	166.28	16.76	< LOD	< LOD
ca-14	ppm	< LOD	< LOD	100.52	< LOD	487.99	283.45	240.12	189.58	< LOD	< LOD	< LOD
ca-15	ppm	< LOD	< LOD	< LOD	< LOD	494.1	480.95	268.17	288.98	< LOD	< LOD	19.85
ca-16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
ca-17	ppm	39.14	< LOD	< LOD	< LOD	417.71	270.85	209.8	< LOD	< LOD	< LOD	< LOD
ca-18	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	11	1.67	< LOD
ca-19	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	19.92	< LOD	< LOD
ca-20	ppm	< LOD	< LOD	141.14	< LOD	713.03	430.79	333.89	232.37	< LOD	< LOD	< LOD
ca-21	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	260.93	287.36	< LOD	< LOD	< LOD	< LOD
ca-22	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	2.32	< LOD
ca-23	ppm	42.17	< LOD	159.06	< LOD	897.91	645.98	392.25	301.57	8.42	4.17	< LOD
ca-24	ppm	< LOD	< LOD	< LOD	< LOD	424.31	344.41	216.89	203.61	< LOD	< LOD	< LOD
ca-25	ppm	< LOD	< LOD	< LOD	< LOD	491.41	377.5	273.86	207.85	16.29	3.11	< LOD
ca-26	ppm	< LOD	< LOD	< LOD	< LOD	433.2	302.4	155.18	180.83	< LOD	< LOD	< LOD
ca-27	ppm	31.25	< LOD	< LOD	< LOD	737.24	521.54	311.68	329.57	6.03	< LOD	< LOD
ca-28	ppm	53.35	< LOD	110.66	< LOD	782.07	472.4	299.82	260.94	10.57	2.11	< LOD
ca-29	ppm	47.31	< LOD	136.43	< LOD	689.88	460.26	365.34	253.61	17.99	3.14	< LOD
ca-30	ppm	< LOD	< LOD	< LOD	< LOD	941.82	629.58	395.26	292.34	29.28	1.85	< LOD
ca-31	ppm	< LOD	< LOD	105.99	< LOD	684.87	471.49	263.31	216.19	24.45	1.69	< LOD
ca-32	ppm	< LOD	< LOD	< LOD	< LOD	500.19	253.3	141.7	155.93	< LOD	< LOD	< LOD
ca-33	ppm	< LOD	< LOD	119.84	< LOD	383.14	286.36	218.37	< LOD	16.3	2.07	< LOD

610000

Wilby Creek

1106208

93a073

93a074

Work Area B

cb-1 cb-2 cb-3 cb-4 cb-5 cb-6 cb-7 cb-8 cb-9 cb-10 cb-11 cb-12 cb-13 cb-14 cb-15 cb-16 cb-17 cb-18 cb-19 cb-20 cb-21 cb-22 cb-23 cb-24 cb-25 cb-26 cb-27

Frank Property
Rock Samples and Zn, Cu, Au Results

Sample	Copper (Cu)	Zinc (Zn)	Gold (Au)
cb-1	0	0	0
cb-2	0	23.35	0
cb-3	88.64	225.48	0
cb-4	0	0	0
cb-5	0	13.89	0
cb-6	0	22.17	0
cb-7	0	0	0
cb-8	44.09	81.02	0
cb-9	0	206.74	0
cb-10	0	44.31	0
cb-11	0	36.97	0
cb-12	0	0	0
cb-13	0	91.42	0
cb-14	64.1	202.02	0
cb-15	100.1	63.48	0
cb-16	0	0	0
cb-17	0	78.78	0
cb-18	0	0	0
cb-19	0	43.83	0
cb-20	0	0	0
cb-21	15.88	38.71	0
cb-22	0	0	0
cb-23	17.7	41.91	0
cb-24	0	0	0
cb-25	19.27	46.5	0
cb-26	0	0	0
cb-27	0	0	0

Legend

- Frank Creek 1106208
- BC Mapsheets
- ROAD
- Lakes/Rivers
- Stream
- NCD

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

Appendix G - Sample Locations with Zinc, Copper and Gold Geochemical XRF Results

2023 - 2024 - 2025 Work Area B

N

Map Datum: NAD83
Zone: 10

Scale:1:10,000

610000

Barker Minerals Ltd.

Frank Creek Property
Work Area B Map

- Area B Samples

Mineral Tenure: 1106208

Cariboo Mining Division, B.C.
Date drawn: February 13, 2025
Mapsheets: 93A.073, .074

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area B

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
cb-1	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-2	ppm	< LOD	40.52	50.89	< LOD	36.07	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-3	ppm	< LOD	99.82	74.05	< LOD	14.81	16.43	< LOD	< LOD	224.2	< LOD	< LOD
cb-4	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-5	ppm	< LOD	< LOD	6.6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-6	ppm	< LOD	9.08	117.34	< LOD	5.99	6.54	150.59	< LOD	< LOD	< LOD	< LOD
cb-7	ppm	< LOD	< LOD	1.75	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-8	ppm	< LOD	< LOD	17.19	< LOD	14.06	< LOD	< LOD	< LOD	23.03	< LOD	< LOD
cb-9	ppm	< LOD	71.75	319.43	< LOD	50.08	40.23	< LOD	< LOD	< LOD	< LOD	< LOD
cb-10	ppm	< LOD	92.13	32.23	< LOD	61.26	15.02	< LOD	< LOD	< LOD	< LOD	< LOD
cb-11	ppm	< LOD	67.71	20.52	8.83	59.32	9.72	< LOD	< LOD	< LOD	7.82	< LOD
cb-12	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-13	ppm	< LOD	72.99	318.39	8.62	45.79	14.77	< LOD	< LOD	< LOD	< LOD	< LOD
cb-14	ppm	< LOD	102.88	92.85	< LOD	13.2	5.47	< LOD	< LOD	< LOD	< LOD	< LOD
cb-15	ppm	< LOD	< LOD	85.18	8.93	131.73	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-16	ppm	< LOD	< LOD	7.99	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-17	ppm	< LOD	178.33	10.56	< LOD	9.97	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-18	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-19	ppm	< LOD	85.73	185.76	< LOD	14.62	< LOD	< LOD	< LOD	9.75	< LOD	< LOD
cb-20	ppm	< LOD	< LOD	1.54	< LOD	3.32	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-21	ppm	< LOD	54.02	54.83	6.07	53.93	8.21	< LOD	< LOD	< LOD	7.39	< LOD
cb-22	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-23	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-24	ppm	< LOD	10.61	< LOD	< LOD	2.52	< LOD	23.13	< LOD	< LOD	< LOD	< LOD
cb-25	ppm	< LOD	378.88	70.03	< LOD	44.38	11.7	< LOD	< LOD	< LOD	< LOD	< LOD
cb-26	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cb-27	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area B

Sample #	Units	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V
cb-1	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	2602.08	82.46	36.9	< LOD
cb-2	ppm	23.35	< LOD	< LOD	< LOD	< LOD	6407.78	281.58	60.71	< LOD
cb-3	ppm	225.48	< LOD	88.64	457.03	< LOD	91317.54	< LOD	506.71	118.16
cb-4	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	436.17	< LOD	78.04	< LOD
cb-5	ppm	13.89	< LOD	< LOD	< LOD	< LOD	30306.92	6203.72	53.45	< LOD
cb-6	ppm	22.17	< LOD	< LOD	< LOD	< LOD	3721.66	159.93	< LOD	< LOD
cb-7	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	409.6	89.62	< LOD	< LOD
cb-8	ppm	81.02	< LOD	44.09	223.2	< LOD	192676.2	8109.22	65.45	63.98
cb-9	ppm	206.74	< LOD	< LOD	< LOD	< LOD	26129.26	< LOD	81.99	36.93
cb-10	ppm	44.31	< LOD	< LOD	35.12	< LOD	10202.83	227.48	60.87	27.2
cb-11	ppm	36.97	< LOD	< LOD	< LOD	< LOD	8549.7	168.34	< LOD	22.91
cb-12	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	2895	87.78	32.77	< LOD
cb-13	ppm	91.42	< LOD	< LOD	< LOD	< LOD	26908.13	< LOD	99.9	46.2
cb-14	ppm	202.02	< LOD	64.1	126.4	< LOD	68360.53	1823.35	397.03	285.17
cb-15	ppm	63.48	< LOD	100.1	179.82	< LOD	46406.66	2233.53	99.85	247.42
cb-16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	2187.85	289.29	102.42	< LOD
cb-17	ppm	78.78	< LOD	< LOD	165.67	< LOD	139035.34	9229.58	57.22	< LOD
cb-18	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	6943.28	< LOD	< LOD	< LOD
cb-19	ppm	43.83	< LOD	< LOD	< LOD	< LOD	60582.85	< LOD	125.56	143.66
cb-20	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1716.41	132.66	< LOD	< LOD
cb-21	ppm	38.71	< LOD	15.88	< LOD	< LOD	11827.86	255.74	51.4	42.55
cb-22	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	7.74
cb-23	ppm	41.91	< LOD	17.7	< LOD	< LOD	736.16	81.83	< LOD	32.67
cb-24	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1873.14	140.66	< LOD	< LOD
cb-25	ppm	46.5	< LOD	19.27	< LOD	< LOD	19282.94	386.28	103.68	131.5
cb-26	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	16330.13	804.76	85.39	< LOD
cb-27	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	138.08	318.6	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area B

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs	Te	Sb
cb-1	ppm	35.66	< LOD	296.65	445.58	< LOD	115.5	54.37	62.33	< LOD
cb-2	ppm	554.75	< LOD	7228.03	8630.83	< LOD	410.91	44.6	< LOD	< LOD
cb-3	ppm	5840.32	81.23	26422.75	5366.25	< LOD	2175.49	< LOD	< LOD	< LOD
cb-4	ppm	45.83	< LOD	321.74	839.4	< LOD	114.37	66.2	82.29	< LOD
cb-5	ppm	< LOD	< LOD	827.26	231.11	< LOD	130.82	77.53	107.38	39.01
cb-6	ppm	< LOD	12.18	3649.5	2362.53	< LOD	315.72	45.79	< LOD	< LOD
cb-7	ppm	< LOD	< LOD	190.8	137.29	< LOD	175.74	64.13	111.28	< LOD
cb-8	ppm	198.41	21.03	2506.91	3498.29	< LOD	1777.68	326.92	465.69	< LOD
cb-9	ppm	1122.74	27.21	5227.36	6223.12	< LOD	3943.22	142.57	115.74	< LOD
cb-10	ppm	722.41	< LOD	852.36	14044.41	< LOD	509.31	92.75	106.13	< LOD
cb-11	ppm	810.06	< LOD	438.23	13067.94	< LOD	512.68	103.18	138.52	< LOD
cb-12	ppm	187.95	< LOD	< LOD	6993.11	< LOD	144.09	66.72	< LOD	< LOD
cb-13	ppm	1731.99	36.17	9620.63	10136.23	< LOD	3015.98	129.31	160.27	< LOD
cb-14	ppm	12846.85	37.86	18501.23	11651.7	< LOD	1393.28	81.61	139.46	< LOD
cb-15	ppm	8515.81	44.5	36330.78	36327.4	< LOD	3187.67	107.06	78.41	< LOD
cb-16	ppm	< LOD	16.62	4526.26	61.59	< LOD	108.3	60.29	99.43	< LOD
cb-17	ppm	140.98	< LOD	1169.02	1343.77	< LOD	379.89	291.48	343.55	< LOD
cb-18	ppm	27.63	< LOD	193.41	60.22	< LOD	167.79	90.62	101.04	39.85
cb-19	ppm	4578.64	208.3	94615.66	8784.38	< LOD	1695.2	48.24	< LOD	< LOD
cb-20	ppm	139.3	< LOD	431.36	11000.25	< LOD	136.4	91.56	114.09	< LOD
cb-21	ppm	1329.47	< LOD	2054.51	15170.57	< LOD	593.85	50.84	73.52	23.46
cb-22	ppm	16.84	3.02	107.09	86.19	< LOD	106.3	90.49	108.57	< LOD
cb-23	ppm	< LOD	< LOD	314.32	221.37	< LOD	125.1	77.28	98.26	< LOD
cb-24	ppm	52.54	< LOD	1124.63	2723.73	< LOD	218.1	36.68	< LOD	22.9
cb-25	ppm	4392.81	< LOD	2198.82	18436.55	< LOD	211.77	80.76	89.13	< LOD
cb-26	ppm	< LOD	< LOD	407.41	< LOD	< LOD	96.2	50.71	72.96	21.22
cb-27	ppm	< LOD	< LOD	143.96	176.04	< LOD	123.31	71.63	86.42	26.2

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area B

Sample #	Units	Sn	Cd	Ag	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
cb-1	ppm	27.32	< LOD	< LOD	< LOD	432.56	387.68	204.21	199.83	< LOD	< LOD	< LOD
cb-2	ppm	< LOD	< LOD	< LOD	< LOD	544.26	398.97	344.31	270.76	9.29	< LOD	< LOD
cb-3	ppm	< LOD	< LOD	< LOD	< LOD	666.12	410.37	289.52	225.94	27.17	< LOD	< LOD
cb-4	ppm	< LOD	< LOD	< LOD	< LOD	423.74	254.57	< LOD	170.4	< LOD	< LOD	< LOD
cb-5	ppm	< LOD	< LOD	104.55	< LOD	397.41	248.02	162.36	< LOD	< LOD	< LOD	< LOD
cb-6	ppm	< LOD	< LOD	< LOD	< LOD	452.94	279.12	270.44	219.02	< LOD	< LOD	< LOD
cb-7	ppm	< LOD	< LOD	< LOD	< LOD	401.9	261.3	< LOD	< LOD	< LOD	< LOD	< LOD
cb-8	ppm	< LOD	< LOD	113.44	< LOD	874.85	620.68	352.23	329.24	< LOD	< LOD	< LOD
cb-9	ppm	< LOD	< LOD	162.59	< LOD	426.79	351.42	< LOD	229.45	10.54	1.88	< LOD
cb-10	ppm	< LOD	< LOD	112.21	< LOD	530.9	348.9	279.09	195.58	10.67	2.16	< LOD
cb-11	ppm	< LOD	< LOD	130.86	< LOD	466.05	344.46	235.97	212.71	10.59	< LOD	< LOD
cb-12	ppm	< LOD	< LOD	< LOD	< LOD	433.56	323.05	170.21	245.55	< LOD	< LOD	< LOD
cb-13	ppm	< LOD	< LOD	144.55	< LOD	490.06	298.52	177.8	163.31	11.45	1.51	< LOD
cb-14	ppm	< LOD	< LOD	105.7	< LOD	497.75	238.76	< LOD	< LOD	12.67	1.56	< LOD
cb-15	ppm	38.08	< LOD	149.78	< LOD	1023.54	713.95	370.41	410.89	49.91	< LOD	< LOD
cb-16	ppm	< LOD	< LOD	< LOD	< LOD	385.5	225.68	178.06	< LOD	< LOD	< LOD	< LOD
cb-17	ppm	< LOD	< LOD	391.23	< LOD	1061.15	695.67	518.2	378.97	< LOD	3.6	< LOD
cb-18	ppm	< LOD	< LOD	170.2	< LOD	416.33	368.67	158.02	204.21	< LOD	< LOD	< LOD
cb-19	ppm	< LOD	< LOD	115.87	< LOD	1143.19	594.62	486.52	443.31	19.36	1.6	< LOD
cb-20	ppm	< LOD	< LOD	119.07	< LOD	424.48	302.99	210.6	169.57	< LOD	< LOD	< LOD
cb-21	ppm	< LOD	< LOD	< LOD	< LOD	456.05	385.95	235.66	203.88	6.21	< LOD	< LOD
cb-22	ppm	< LOD	< LOD	144.33	< LOD	436.31	302.5	265.87	248.71	< LOD	< LOD	< LOD
cb-23	ppm	< LOD	< LOD	< LOD	< LOD	374.88	312.01	144.69	145.43	< LOD	< LOD	< LOD
cb-24	ppm	< LOD	< LOD	< LOD	< LOD	433.66	273.98	147.37	139.68	< LOD	< LOD	< LOD
cb-25	ppm	< LOD	< LOD	102.58	< LOD	686.8	448.56	256.17	234.57	5.26	< LOD	< LOD
cb-26	ppm	23.83	< LOD	< LOD	< LOD	326.94	281.12	143.03	170.82	< LOD	< LOD	< LOD
cb-27	ppm	< LOD	< LOD	< LOD	< LOD	461.24	351.06	204.84	189.89	< LOD	< LOD	< LOD

610000

1106208

Work Area C

93a074

cc-01 cc-02 cc-03 cc-04 cc-05 cc-06 cc-07 cc-08 cc-09 cc-10 cc-11 cc-12 cc-13 cc-14 cc-15 cc-16 cc-17 cc-18 cc-19 cc-20 cc-21 cc-22 cc-23 cc-24 cc-25 cc-26 cc-27 cc-28 cc-29 cc-30 cc-31 cc-32 cc-33 cc-34

Frank Property
Rock Samples and Zn, Cu, Au Results

Sample	Copper (Cu)	Zinc (Zn)	Gold (Au)
cc-01	103.38	24.64	0
cc-02	50.15	920.18	13.31
cc-03	0	0	0
cc-04	0	117.27	0
cc-05	40.05	21.07	0
cc-06	0	139.58	0
cc-07	869.72	50.8	0
cc-08	43.16	17.78	0
cc-09	120.47	25.35	0
cc-10	50.09	109.52	0
cc-11	41.66	40.72	0
cc-12	26.15	41.57	0
cc-13	0	17.17	0
cc-14	18.79	0	0
cc-15	0	33.56	0
cc-16	0	60.67	0
cc-17	41.7	68.2	0
cc-18	0	122.83	0
cc-19	41.13	92.45	0
cc-20	0	0	0
cc-21	0	13.18	0
cc-22	0	0	0
cc-23	68.92	58.28	0
cc-24	61.55	30.54	0
cc-25	237.1	328.71	0
cc-26	112.83	74.16	13.52
cc-27	0	30.13	0
cc-28	110.94	34.36	12.34
cc-29	0	0	0
cc-30	0	0	0
cc-31	0	99.7	0
cc-32	141.1	79.3	0
cc-33	81.58	330.24	0
cc-34	0	0	0

Legend

- Frank Creek 1106208
- BC Mapsheets
- ROAD
- Lakes/Rivers
- Stream
- NCD

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

Appendix G - Sample Locations with Zinc, Copper and Gold Geochemical XRF Results

2023 - 2024 - 2025 Work Area C

N

Map Datum: NAD83
Zone: 10

Scale:1:10,000

Barker Minerals Ltd.

Frank Creek Property
Work Area C Map

Area C Samples

Mineral Tenure: 1106208

Cariboo Mining Division, B.C.
Date drawn: February 13, 2025
Mapsheets: 93A.073, .074

610000

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area C

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
cc-01	ppm	< LOD	10.71	218.34	< LOD	26.88	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-02	ppm	< LOD	36.63	298.23	8.2	28.73	13.43	104.68	< LOD	8.77	< LOD	13.31
cc-03	ppm	< LOD	< LOD	11.02	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-04	ppm	< LOD	126.05	41.81	< LOD	38.33	14.93	< LOD	< LOD	55.13	< LOD	< LOD
cc-05	ppm	< LOD	68.21	95.06	< LOD	8.76	6.39	< LOD	< LOD	6.69	14.26	< LOD
cc-06	ppm	< LOD	< LOD	7.24	8.37	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-07	ppm	< LOD	4.76	< LOD	< LOD	< LOD	< LOD	60.95	< LOD	34.67	< LOD	< LOD
cc-08	ppm	< LOD	21.02	1311.85	20.14	6.81	21.62	< LOD	< LOD	15.51	< LOD	< LOD
cc-09	ppm	< LOD	105.24	180.06	< LOD	18.17	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-10	ppm	< LOD	89.43	188.48	< LOD	22.4	8.28	< LOD	< LOD	22.9	< LOD	< LOD
cc-11	ppm	< LOD	78.63	182.86	< LOD	15.68	7.25	< LOD	< LOD	4.96	12.64	< LOD
cc-12	ppm	< LOD	21.44	159.13	< LOD	18.02	11.33	< LOD	< LOD	70.64	< LOD	< LOD
cc-13	ppm	< LOD	14.82	80.65	< LOD	< LOD	< LOD	< LOD	< LOD	12.87	< LOD	< LOD
cc-14	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-15	ppm	< LOD	< LOD	9.88	< LOD	2.07	< LOD	< LOD	< LOD	28.57	< LOD	< LOD
cc-16	ppm	< LOD	29.86	70.07	< LOD	5.31	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-17	ppm	< LOD	70.26	88.34	< LOD	< LOD	< LOD	< LOD	< LOD	13.2	< LOD	< LOD
cc-18	ppm	< LOD	133.18	82.73	< LOD	26.33	14.74	< LOD	< LOD	18.12	< LOD	< LOD
cc-19	ppm	< LOD	80.98	72.83	< LOD	44.88	14.08	< LOD	< LOD	54.26	< LOD	< LOD
cc-20	ppm	< LOD	3.2	24.51	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-21	ppm	< LOD	< LOD	5.5	< LOD	< LOD	< LOD	< LOD	< LOD	18.37	< LOD	< LOD
cc-22	ppm	< LOD	< LOD	5.99	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-23	ppm	< LOD	114.08	66.31	< LOD	7.26	14.27	< LOD	< LOD	15.79	< LOD	< LOD
cc-24	ppm	< LOD	32.29	153	< LOD	14.72	< LOD	< LOD	< LOD	28.39	< LOD	< LOD
cc-25	ppm	< LOD	248.98	27.82	< LOD	55.69	41.82	< LOD	< LOD	< LOD	< LOD	< LOD
cc-26	ppm	< LOD	124.07	181.01	7.34	39.18	6.34	< LOD	< LOD	77.26	< LOD	13.52
cc-27	ppm	< LOD	11.52	34.92	< LOD	9.13	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-28	ppm	< LOD	109.27	196.45	11.86	55.27	6.94	< LOD	< LOD	< LOD	< LOD	12.34
cc-29	ppm	< LOD	6.11	12.01	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-30	ppm	< LOD	5.46	19.92	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cc-31	ppm	< LOD	61.56	12.74	< LOD	126.64	7.87	< LOD	< LOD	< LOD	< LOD	< LOD
cc-32	ppm	< LOD	150.65	81.62	< LOD	5.35	< LOD	< LOD	< LOD	33.51	< LOD	< LOD
cc-33	ppm	< LOD	56.06	4.02	< LOD	4.05	13.8	107.08	< LOD	< LOD	< LOD	< LOD
cc-34	ppm	< LOD	7.54	4.08	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area C

Sample #	Units	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V
cc-01	ppm	24.64	< LOD	103.38	< LOD	< LOD	57992.27	< LOD	61.33	48.11
cc-02	ppm	920.18	< LOD	50.15	129.37	< LOD	39250.65	777.81	96.89	51.19
cc-03	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1360.83	78.14	74.79	< LOD
cc-04	ppm	117.27	< LOD	< LOD	< LOD	< LOD	105585.94	< LOD	125.47	244.4
cc-05	ppm	21.07	< LOD	40.05	< LOD	< LOD	72256.15	2550.5	79.7	147.86
cc-06	ppm	139.58	< LOD	< LOD	303.45	< LOD	200258.72	15454.06	< LOD	< LOD
cc-07	ppm	50.8	< LOD	869.72	< LOD	< LOD	16481.16	843.83	111.84	< LOD
cc-08	ppm	17.78	< LOD	43.16	96.03	< LOD	64336.48	< LOD	54.34	84.9
cc-09	ppm	25.35	< LOD	120.47	< LOD	< LOD	40936.94	< LOD	102.38	123.67
cc-10	ppm	109.52	< LOD	50.09	< LOD	< LOD	37631.42	977.5	108.92	161.7
cc-11	ppm	40.72	< LOD	41.66	120.11	< LOD	59941.91	1287.2	53.11	77.14
cc-12	ppm	41.57	< LOD	26.15	< LOD	< LOD	39681.47	< LOD	172.67	56.13
cc-13	ppm	17.17	< LOD	< LOD	< LOD	< LOD	15201.65	468.04	67.69	54.35
cc-14	ppm	< LOD	< LOD	18.79	< LOD	< LOD	488.53	55.28	135.17	< LOD
cc-15	ppm	33.56	< LOD	< LOD	< LOD	< LOD	32345.12	1251.14	69.01	44.51
cc-16	ppm	60.67	< LOD	< LOD	< LOD	< LOD	18038.07	< LOD	62.44	46.24
cc-17	ppm	68.2	< LOD	41.7	< LOD	< LOD	68899.38	< LOD	146.66	122.55
cc-18	ppm	122.83	< LOD	< LOD	224.6	< LOD	79301.64	< LOD	149.71	197.96
cc-19	ppm	92.45	< LOD	41.13	< LOD	< LOD	115244.65	3769.52	193.69	337.65
cc-20	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	6362.16	177.47	61.13	< LOD
cc-21	ppm	13.18	< LOD	< LOD	< LOD	< LOD	1291.85	78.75	< LOD	< LOD
cc-22	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	2922.1	295.45	117.58	< LOD
cc-23	ppm	58.28	< LOD	68.92	< LOD	< LOD	70459.68	< LOD	< LOD	< LOD
cc-24	ppm	30.54	< LOD	61.55	135.54	< LOD	32287.15	1028.07	100.45	97.77
cc-25	ppm	328.71	< LOD	237.1	179.81	< LOD	194320.45	< LOD	113.26	148.01
cc-26	ppm	74.16	< LOD	112.83	156.97	< LOD	68933.79	1623.2	108.48	249.09
cc-27	ppm	30.13	< LOD	< LOD	< LOD	< LOD	76626.72	2404.05	< LOD	< LOD
cc-28	ppm	34.36	< LOD	110.94	167.37	< LOD	44645.97	927.18	439.52	254.41
cc-29	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	14734.62	224.8	23.68	< LOD
cc-30	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	7642.82	< LOD	< LOD	38.38
cc-31	ppm	99.7	< LOD	< LOD	< LOD	< LOD	9794.04	292.01	42.49	36.05
cc-32	ppm	79.3	< LOD	141.1	< LOD	< LOD	77046.23	< LOD	141.91	253.92
cc-33	ppm	330.24	< LOD	81.58	171.58	< LOD	118716.96	10726.02	104.13	73.38
cc-34	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	14639.59	266.21	54.4	24.47

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area C

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs	Te	Sb
cc-01	ppm	233.13	97.66	33303.95	4993.87	< LOD	4155.43	61.62	< LOD	< LOD
cc-02	ppm	1771.05	62.93	26392.39	11059.73	< LOD	1663.92	72.23	< LOD	< LOD
cc-03	ppm	110.6	< LOD	338.93	564.81	< LOD	130.55	49.62	110.27	< LOD
cc-04	ppm	7571.62	< LOD	886.25	16038.48	< LOD	2475.92	45.22	< LOD	< LOD
cc-05	ppm	6385.65	< LOD	2946.04	4427.13	< LOD	1088.25	36.11	< LOD	< LOD
cc-06	ppm	< LOD	< LOD	2774.35	< LOD	< LOD	189.95	363.42	531.98	< LOD
cc-07	ppm	99.09	< LOD	91.84	337.53	< LOD	225.96	73.31	80.63	< LOD
cc-08	ppm	2236.16	251.37	69978.2	3773.84	< LOD	6589.64	141.48	159.14	< LOD
cc-09	ppm	3601.7	64.16	21058.41	4122.53	< LOD	2470.56	106.54	< LOD	< LOD
cc-10	ppm	5213.03	154.18	81682.05	10713.2	< LOD	4065.13	93.16	< LOD	< LOD
cc-11	ppm	2250.62	258.81	101195.13	3942.93	< LOD	1419.76	68.32	< LOD	< LOD
cc-12	ppm	1100.6	149.93	55622.16	7827.85	< LOD	1414.54	62.84	< LOD	< LOD
cc-13	ppm	1665.8	121.85	53419.63	1778.33	< LOD	1059.04	66.32	56.76	< LOD
cc-14	ppm	< LOD	< LOD	206.32	180.67	< LOD	112.92	66.01	84.18	< LOD
cc-15	ppm	302.31	< LOD	3794.42	3023.59	< LOD	271.2	95.28	123.4	47.73
cc-16	ppm	1392.31	62.16	18640.46	1867.95	< LOD	761.06	110.46	118.99	< LOD
cc-17	ppm	5080.8	28.72	7726.37	323.44	< LOD	299.58	90.94	99.32	39.84
cc-18	ppm	5730.04	156.3	39893.04	13157.89	< LOD	5832.24	93.42	105.29	< LOD
cc-19	ppm	7822.02	< LOD	2322.49	29644.06	< LOD	4434.36	< LOD	< LOD	< LOD
cc-20	ppm	637.44	35.54	12103.52	1326.98	< LOD	123.75	39.69	42.52	< LOD
cc-21	ppm	< LOD	< LOD	1070.03	127.74	< LOD	146.56	72.61	74.52	< LOD
cc-22	ppm	< LOD	< LOD	530.71	110.93	< LOD	103.23	69.82	113.38	< LOD
cc-23	ppm	7622.7	< LOD	17462.99	4706.75	< LOD	1189.51	< LOD	< LOD	< LOD
cc-24	ppm	2510.72	116.88	45701.04	5664.32	< LOD	2134.1	73.77	< LOD	< LOD
cc-25	ppm	5175.79	< LOD	934.12	14086.7	< LOD	1588.49	139.41	196.99	< LOD
cc-26	ppm	11382.09	214.49	82324.06	24810.26	< LOD	2960.01	51.3	< LOD	< LOD
cc-27	ppm	< LOD	< LOD	2406.94	5030.4	< LOD	373.92	< LOD	< LOD	< LOD
cc-28	ppm	9212.69	137.97	46629.73	23396.28	< LOD	6803.73	102.17	66.96	< LOD
cc-29	ppm	108.44	< LOD	81784.05	< LOD	< LOD	203.99	81.73	89.48	30.09
cc-30	ppm	2478.33	< LOD	15148.14	751.06	< LOD	178.72	75.89	115.67	< LOD
cc-31	ppm	936.93	< LOD	3136	34153.04	< LOD	619.07	84.38	102.52	< LOD
cc-32	ppm	9554.85	32.28	8049.55	4506.46	< LOD	919.24	71.66	< LOD	35.57
cc-33	ppm	1977.3	< LOD	2093.11	5367.73	< LOD	372.62	28.14	< LOD	< LOD
cc-34	ppm	307.99	< LOD	979.15	379.64	< LOD	280.16	70.49	78.06	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area C

Sample #	Units	Sn	Cd	Ag	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
cc-01	ppm	< LOD	< LOD	< LOD	< LOD	688.65	370.87	332.19	< LOD	< LOD	< LOD	< LOD
cc-02	ppm	< LOD	< LOD	118.23	< LOD	846.11	509.8	377.02	226.59	3.55	1.55	< LOD
cc-03	ppm	< LOD	< LOD	117.98	< LOD	322.15	316.95	201.16	197.32	< LOD	< LOD	< LOD
cc-04	ppm	< LOD	< LOD	117.12	< LOD	732.05	513.37	356.45	247.96	34.45	< LOD	< LOD
cc-05	ppm	< LOD	< LOD	< LOD	< LOD	596.46	529.11	265.48	253.47	17.34	1.53	< LOD
cc-06	ppm	< LOD	< LOD	< LOD	< LOD	593.33	468.42	298.18	319.94	< LOD	4.07	29.51
cc-07	ppm	43.01	< LOD	120.13	< LOD	736.86	469.07	332.41	275.59	< LOD	< LOD	< LOD
cc-08	ppm	40.68	< LOD	< LOD	< LOD	539.86	325.06	265.71	< LOD	5.22	1.78	< LOD
cc-09	ppm	< LOD	< LOD	119.48	< LOD	698.31	458.56	< LOD	249.87	24.51	2.22	< LOD
cc-10	ppm	< LOD	< LOD	< LOD	< LOD	660.8	534.81	426.57	306.9	20.82	1.78	< LOD
cc-11	ppm	35.84	< LOD	102.69	< LOD	785.16	529.7	400.68	323.92	25.17	2.3	< LOD
cc-12	ppm	< LOD	< LOD	108.62	< LOD	711.44	428.48	268.02	243.69	6.91	1.57	< LOD
cc-13	ppm	< LOD	< LOD	108.62	< LOD	577.1	443.69	263.95	177.63	3.14	< LOD	< LOD
cc-14	ppm	< LOD	< LOD	< LOD	< LOD	462.56	331.24	202.43	213.89	< LOD	< LOD	< LOD
cc-15	ppm	< LOD	< LOD	137.85	< LOD	497.2	429.33	217.71	225.09	< LOD	< LOD	< LOD
cc-16	ppm	< LOD	< LOD	182.27	< LOD	547.11	384.51	< LOD	201.62	4.95	< LOD	< LOD
cc-17	ppm	45.96	< LOD	176.41	< LOD	771.46	455.15	301.12	292.6	15.56	2.39	< LOD
cc-18	ppm	< LOD	< LOD	137.32	< LOD	894.36	453.27	307.93	263.3	26.15	1.82	< LOD
cc-19	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	15.27	3.95	< LOD
cc-20	ppm	< LOD	< LOD	< LOD	< LOD	520.66	359.65	216.21	191.42	< LOD	< LOD	< LOD
cc-21	ppm	31.23	< LOD	< LOD	< LOD	444.74	340.07	215.96	191.3	< LOD	< LOD	< LOD
cc-22	ppm	34.85	< LOD	< LOD	< LOD	336.25	335.95	160.04	136.59	< LOD	< LOD	< LOD
cc-23	ppm	< LOD	< LOD	< LOD	< LOD	548.79	368.05	226.83	182.31	29.51	2.99	< LOD
cc-24	ppm	24.57	< LOD	< LOD	< LOD	772.9	605.53	370.66	317.64	4.15	< LOD	< LOD
cc-25	ppm	71.74	< LOD	164.58	< LOD	763.5	448.34	335.5	196.71	28.27	2.49	< LOD
cc-26	ppm	< LOD	< LOD	< LOD	< LOD	627.15	374.19	206.83	211.08	35.29	< LOD	< LOD
cc-27	ppm	< LOD	< LOD	< LOD	< LOD	459.07	432.94	139.43	206.26	< LOD	< LOD	< LOD
cc-28	ppm	< LOD	< LOD	< LOD	< LOD	495.9	316.36	213.89	187.43	11.83	3.52	< LOD
cc-29	ppm	< LOD	< LOD	< LOD	< LOD	483.89	365.96	175.75	203.74	< LOD	< LOD	< LOD
cc-30	ppm	< LOD	< LOD	< LOD	< LOD	362.21	340.94	166.45	138.86	< LOD	< LOD	< LOD
cc-31	ppm	< LOD	< LOD	132.64	< LOD	771.37	508.47	316.34	229.56	8.45	< LOD	< LOD
cc-32	ppm	< LOD	< LOD	128.02	< LOD	801.4	571.38	374.94	291.85	36	2.5	< LOD
cc-33	ppm	< LOD	< LOD	106.59	< LOD	954.28	578.48	358.25	275.41	6.7	2.37	< LOD
cc-34	ppm	< LOD	< LOD	< LOD	< LOD	520.75	340.01	206.77	204.2	< LOD	< LOD	< LOD

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1106208

Work Area D

Wilby Creek

93a074

cd-01 cd-02 cd-03 cd-04 cd-05 cd-06 cd-07 cd-08 cd-09 cd-10 cd-11 cd-12 cd-13 cd-14 cd-15 cd-16 cd-17 cd-18 cd-19 cd-20 cd-21 cd-22 cd-23 cd-24 cd-25 cd-26 cd-27 cd-28 cd-29 cd-30 cd-31 cd-32 cd-33 cd-34 cd-35 cd-36 cd-37 cd-38 cd-39 cd-40 cd-41 cd-42 cd-43 cd-44 cd-45 cd-46 cd-47 cd-48 cd-49 cd-50 cd-51 cd-52 cd-53 cd-54 cd-55

Frank Property
Rock Samples and Zn, Cu, Au Results

Sample	Copper (Cu)	Zinc (Zn)	Gold (Au)
cd-01	0	140.44	0
cd-02	95.64	93.56	0
cd-03	317.89	79.89	0
cd-04	0	48.68	0
cd-05	43.3	111.42	0
cd-06	35.25	42.28	0
cd-07	120.04	132.05	0
cd-08	0	106.05	0
cd-09	139.61	83.31	11.1
cd-10	71.03	106.11	0
cd-11	41.53	76.53	0
cd-12	363.7	52.1	0
cd-13	33.24	81.67	0
cd-14	84.41	83.04	0
cd-15	37.43	26.89	0
cd-16	0	33.01	0
cd-17	130.95	38.4	0
cd-18	0	225.48	0
cd-19	0	43.45	0
cd-20	93.97	122.09	0
cd-21	0	30.34	0
cd-22	69.8	63.33	0
cd-23	45.47	66.04	0
cd-24	0	0	0
cd-25	0	72.53	0
cd-26	26.96	13.61	0
cd-27	111.66	35.19	0
cd-28	68.4	160.75	0
cd-29	27.6	137.56	0
cd-30	0	0	0
cd-31	60.73	143.62	0
cd-32	0	70.71	0
cd-33	35.31	29.99	0
cd-34	47.79	81.6	11.82
cd-35	0	187.22	0
cd-36	0	43.09	0
cd-37	0	61.68	0
cd-38	0	0	0
cd-39	0	35.68	0
cd-40	30.26	54.08	0
cd-41	0	26.99	0
cd-42	0	0	0
cd-43	50.86	144.07	0
cd-44	111.97	49.92	0
cd-45	0	27.78	0
cd-46	59.93	82.83	0
cd-47	45.52	17.67	0
cd-48	89.14	83.93	0
cd-49	61.29	41.26	0
cd-50	0	0	0
cd-51	0	44.59	0
cd-52	0	48.61	0
cd-53	1378.69	137.76	
cd-54	0	43.87	
cd-55	39.79	88.19	

N

Map Datum: NAD83
Zone: 10

Scale:1:10,000

Legend

- Frank Creek 1106208
- BC Mapsheets
- ROAD
- Lakes/Rivers
- Stream
- NCD

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

Appendix G - Sample Locations with Zinc, Copper and Gold Geochemical XRF Results

2024 Work Area D

Frank Creek Property
Work Area D Map

Work Area
- Area D Samples

Placer Tenure: 1106208

Cariboo Mining Division, B.C.
Date drawn: February 10, 2025
Mapsheets: 93A.073, .074

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Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
cd-01	ppm	< LOD	58.77	257.35	< LOD	29.62	18.38	< LOD	< LOD	< LOD	< LOD	< LOD
cd-02	ppm	< LOD	128.87	75.88	< LOD	11.63	< LOD	< LOD	< LOD	14.87	< LOD	< LOD
cd-03	ppm	< LOD	171.76	104.98	< LOD	33.2	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-04	ppm	< LOD	77.25	103.56	< LOD	28.7	< LOD	< LOD	< LOD	55.43	< LOD	< LOD
cd-05	ppm	< LOD	44.53	119.81	< LOD	12.96	5.38	< LOD	< LOD	178.38	< LOD	< LOD
cd-06	ppm	< LOD	123.05	116.33	< LOD	21.08	13.67	< LOD	< LOD	14.11	< LOD	< LOD
cd-07	ppm	< LOD	44.22	6.28	< LOD	5.37	22.22	< LOD	< LOD	10.55	< LOD	< LOD
cd-08	ppm	3.94	137.11	42.38	< LOD	18.38	15	< LOD	< LOD	25.26	< LOD	< LOD
cd-09	ppm	< LOD	129.16	97.91	< LOD	9.29	6.86	< LOD	< LOD	14.22	< LOD	11.1
cd-10	ppm	< LOD	138.53	66.57	< LOD	3.87	12.65	< LOD	< LOD	< LOD	< LOD	< LOD
cd-11	ppm	< LOD	132.09	70.28	< LOD	11.74	< LOD	< LOD	< LOD	12.43	< LOD	< LOD
cd-12	ppm	< LOD	143.53	83.42	< LOD	28.76	14.14	< LOD	< LOD	< LOD	< LOD	< LOD
cd-13	ppm	< LOD	49.87	38.95	< LOD	20.52	< LOD	< LOD	< LOD	21.07	< LOD	< LOD
cd-14	ppm	< LOD	144.25	81.41	8.95	31.12	< LOD	< LOD	< LOD	57.18	< LOD	< LOD
cd-15	ppm	< LOD	95.73	145.38	7.1	13.55	< LOD	< LOD	< LOD	15.69	< LOD	< LOD
cd-16	ppm	< LOD	65.74	38.69	< LOD	60.23	16.75	86.27	< LOD	< LOD	< LOD	< LOD
cd-17	ppm	< LOD	77.57	24.41	< LOD	93.31	18.39	< LOD	< LOD	< LOD	< LOD	< LOD
cd-18	ppm	< LOD	146.5	53.27	< LOD	12.37	11.77	< LOD	< LOD	45.7	< LOD	< LOD
cd-19	ppm	< LOD	79.1	59.67	< LOD	22.73	5.91	16.83	< LOD	< LOD	< LOD	< LOD
cd-20	ppm	< LOD	41.11	4.16	< LOD	17.19	< LOD	150.44	< LOD	< LOD	< LOD	< LOD
cd-21	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-22	ppm	< LOD	121.63	42.64	< LOD	37.87	< LOD	< LOD	< LOD	56.02	< LOD	< LOD
cd-23	ppm	< LOD	94.4	28.69	8.26	99.96	17.86	< LOD	< LOD	< LOD	< LOD	< LOD
cd-24	ppm	< LOD	5.11	3.6	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-25	ppm	< LOD	38.09	11.1	< LOD	149.56	10.06	< LOD	< LOD	< LOD	< LOD	< LOD
cd-26	ppm	< LOD	< LOD	1.57	< LOD	< LOD	< LOD	< LOD	< LOD	34.62	< LOD	< LOD
cd-27	ppm	< LOD	105.06	201.61	< LOD	44.31	13.17	< LOD	< LOD	< LOD	< LOD	< LOD
cd-28	ppm	< LOD	82.11	7.85	5.92	6.16	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-29	ppm	< LOD	144.56	102.72	< LOD	80.18	22.6	24.2	< LOD	< LOD	< LOD	< LOD
cd-30	ppm	< LOD	< LOD	2.26	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	7.58	< LOD
cd-31	ppm	< LOD	21.82	13.79	< LOD	35.2	< LOD	751.28	< LOD	70.17	< LOD	< LOD
cd-32	ppm	< LOD	124.8	23.87	< LOD	22.46	13.42	24.91	< LOD	< LOD	< LOD	< LOD
cd-33	ppm	< LOD	65.03	128.32	< LOD	19.13	< LOD	< LOD	< LOD	9.01	< LOD	< LOD
cd-34	ppm	< LOD	163.77	53.59	13.14	134.55	26.7	463.74	< LOD	< LOD	11.34	11.82
cd-35	ppm	< LOD	7.06	9	< LOD	< LOD	< LOD	< LOD	< LOD	8.45	< LOD	< LOD
cd-36	ppm	< LOD	61.86	55.03	< LOD	102.65	13.66	23.99	< LOD	< LOD	< LOD	< LOD
cd-37	ppm	4.89	58.19	119.03	< LOD	21.56	13.57	< LOD	< LOD	36.42	< LOD	< LOD
cd-38	ppm	< LOD	116.4	51.8	9.34	21.49	10.67	< LOD	< LOD	< LOD	< LOD	< LOD
cd-39	ppm	< LOD	170.62	23.4	< LOD	31.7	11.1	< LOD	< LOD	< LOD	< LOD	< LOD
cd-40	ppm	< LOD	140.39	166.02	< LOD	24.51	< LOD	< LOD	< LOD	17.2	< LOD	< LOD
cd-41	ppm	< LOD	62.02	237.41	< LOD	21.73	< LOD	< LOD	< LOD	36.3	< LOD	< LOD
cd-42	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Mo	Zr	Sr	U	Rb	Th	Pb	Se	As	Hg	Au
cd-43	ppm	< LOD	148.76	44.07	< LOD	40.26	< LOD	< LOD	< LOD	32.79	< LOD	< LOD
cd-44	ppm	< LOD	230.05	48.86	6.84	121.55	42.67	28.61	< LOD	< LOD	< LOD	< LOD
cd-45	ppm	< LOD	105.36	50.22	< LOD	56.82	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-46	ppm	< LOD	130.5	37.19	< LOD	67.26	11.28	< LOD	< LOD	< LOD	< LOD	< LOD
cd-47	ppm	< LOD	88.8	168.42	< LOD	22.54	15.7	< LOD	< LOD	5.97	< LOD	< LOD
cd-48	ppm	< LOD	89.2	26.55	< LOD	53.62	< LOD	< LOD	< LOD	16.86	< LOD	< LOD
cd-49	ppm	< LOD	68.79	272.06	< LOD	24.24	5.01	< LOD	< LOD	36.77	< LOD	< LOD
cd-50	ppm	< LOD	107.02	154.51	< LOD	58.9	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
cd-51	ppm	< LOD	72.53	68.48	< LOD	50.84	< LOD	< LOD	< LOD	673.02	< LOD	< LOD
cd-52	ppm	< LOD	70.81	68.68	< LOD	41.8	< LOD	< LOD	< LOD	381.04	< LOD	< LOD
cd-53	ppm	< LOD	249.56	34.39	< LOD	67.72	28.23	< LOD	< LOD	16.48	< LOD	< LOD
cd-54	ppm	< LOD	182.69	82.16	11.75	137.56	15.16	< LOD	< LOD	< LOD	< LOD	< LOD
cd-55	ppm	< LOD	191.68	36.99	< LOD	77.05	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V
cd-01	ppm	140.44	< LOD	< LOD	< LOD	< LOD	31948.82	< LOD	91.83	38.75
cd-02	ppm	93.56	< LOD	95.64	< LOD	< LOD	71551.17	< LOD	151.77	155.94
cd-03	ppm	79.89	< LOD	317.89	136.07	< LOD	120023.81	2963.76	120.87	276.85
cd-04	ppm	48.68	< LOD	< LOD	< LOD	< LOD	48111.36	< LOD	119.53	182.82
cd-05	ppm	111.42	< LOD	43.3	202	< LOD	50683.91	1510.98	457.4	146.49
cd-06	ppm	42.28	< LOD	35.25	< LOD	< LOD	63128.39	< LOD	80.75	140.65
cd-07	ppm	132.05	< LOD	120.04	< LOD	< LOD	106804.88	< LOD	130.81	53.94
cd-08	ppm	106.05	< LOD	< LOD	80.95	< LOD	91925.54	< LOD	157.86	279.69
cd-09	ppm	83.31	< LOD	139.61	131.04	< LOD	84109.64	973.49	143.27	298.98
cd-10	ppm	106.11	< LOD	71.03	< LOD	< LOD	94497.55	< LOD	189.71	295.33
cd-11	ppm	76.53	< LOD	41.53	< LOD	< LOD	59819.68	< LOD	160.43	168.54
cd-12	ppm	52.1	< LOD	363.7	89.52	< LOD	117187.42	3198.37	66.75	179.42
cd-13	ppm	81.67	< LOD	33.24	110.75	< LOD	161521.77	5556.35	68.46	105.86
cd-14	ppm	83.04	< LOD	84.41	157.06	< LOD	109089.08	3895.52	158.75	222.17
cd-15	ppm	26.89	< LOD	37.43	< LOD	< LOD	55461.23	< LOD	85.18	193.23
cd-16	ppm	33.01	< LOD	< LOD	< LOD	< LOD	17602.96	< LOD	56.54	20.44
cd-17	ppm	38.4	< LOD	130.95	< LOD	< LOD	41918.38	< LOD	101.53	64.29
cd-18	ppm	225.48	< LOD	< LOD	106.33	< LOD	114242.09	2739.52	265.82	310.27
cd-19	ppm	43.45	< LOD	< LOD	< LOD	< LOD	22241.45	499.1	53.37	< LOD
cd-20	ppm	122.09	< LOD	93.97	204.34	< LOD	44830.16	30000.16	144.2	< LOD
cd-21	ppm	30.34	< LOD	< LOD	< LOD	< LOD	59726.25	1781.51	79.65	< LOD
cd-22	ppm	63.33	< LOD	69.8	114.26	< LOD	93011.09	< LOD	165.78	154.71
cd-23	ppm	66.04	< LOD	45.47	97.48	< LOD	34132.15	686.27	149.04	112.04
cd-24	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	652.54	< LOD	94.63	15.23
cd-25	ppm	72.53	< LOD	< LOD	< LOD	< LOD	10552.96	575.83	34.59	35.3
cd-26	ppm	13.61	< LOD	26.96	< LOD	< LOD	10212.34	347.89	65.52	< LOD
cd-27	ppm	35.19	< LOD	111.66	194.06	< LOD	57030.65	< LOD	330.38	229.68
cd-28	ppm	160.75	< LOD	68.4	148.81	< LOD	121151.26	< LOD	< LOD	< LOD
cd-29	ppm	137.56	< LOD	27.6	114.79	< LOD	82048.81	1234.01	221.29	118.51
cd-30	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	2472.54	752.41	134.46	12
cd-31	ppm	143.62	< LOD	60.73	< LOD	< LOD	67234.77	< LOD	73.83	42.19
cd-32	ppm	70.71	< LOD	< LOD	< LOD	< LOD	24175.62	< LOD	82.69	< LOD
cd-33	ppm	29.99	< LOD	35.31	< LOD	< LOD	33518.05	1174.66	78.52	106.93
cd-34	ppm	81.6	< LOD	47.79	< LOD	< LOD	40439.07	556.53	126.87	122.11
cd-35	ppm	187.22	< LOD	< LOD	< LOD	< LOD	117987.55	5938.2	72.82	33.08
cd-36	ppm	43.09	< LOD	< LOD	< LOD	< LOD	12153.14	670.48	41.27	35.93
cd-37	ppm	61.68	< LOD	< LOD	< LOD	< LOD	93626.46	2919.91	144.67	69.06
cd-38	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	6744.43	< LOD	< LOD	< LOD
cd-39	ppm	35.68	< LOD	< LOD	< LOD	< LOD	13421.8	461.4	67.7	< LOD
cd-40	ppm	54.08	< LOD	30.26	< LOD	< LOD	41622.82	< LOD	87.58	117.39
cd-41	ppm	26.99	< LOD	< LOD	< LOD	< LOD	65120.51	< LOD	124.02	101.41
cd-42	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	1918.7	146.1	34.23	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Zn	W	Cu	Ni	Co	Fe	Mn	Cr	V
cd-43	ppm	144.07	< LOD	50.86	293.73	< LOD	100551.88	3164.79	177.67	197.58
cd-44	ppm	49.92	< LOD	111.97	< LOD	< LOD	18999.74	674.78	49.99	48.42
cd-45	ppm	27.78	< LOD	< LOD	< LOD	< LOD	51037.02	< LOD	94.76	121.78
cd-46	ppm	82.83	< LOD	59.93	90.38	< LOD	47249.33	551.34	120.05	< LOD
cd-47	ppm	17.67	< LOD	45.52	< LOD	< LOD	42899.27	< LOD	140.75	177.94
cd-48	ppm	83.93	< LOD	89.14	< LOD	< LOD	82067.65	< LOD	113.83	80.01
cd-49	ppm	41.26	< LOD	61.29	152.1	< LOD	48221.13	999.99	134.15	186.94
cd-50	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	18533.89	< LOD	90.29	148.73
cd-51	ppm	44.59	< LOD	< LOD	350.79	< LOD	130607.68	4393.9	391.45	141.48
cd-52	ppm	48.61	< LOD	< LOD	404.27	< LOD	163032.86	4539.4	315.26	116.88
cd-53	ppm	137.76	< LOD	1378.69	< LOD	< LOD	83419.34	< LOD	205.81	166.03
cd-54	ppm	43.87	< LOD	< LOD	< LOD	< LOD	20663.66	316.17	115.35	145.64
cd-55	ppm	88.19	< LOD	39.79	< LOD	< LOD	56260.75	< LOD	116.91	118.98

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs	Te	Sb
cd-01	ppm	1248.6	29.6	6275.06	5972.97	< LOD	2676.05	114.1	107.3	< LOD
cd-02	ppm	5157.06	36.64	12596.91	6425.09	< LOD	2233.57	90.16	< LOD	< LOD
cd-03	ppm	12153.78	< LOD	10859.93	15258.05	< LOD	4640.03	68.08	< LOD	< LOD
cd-04	ppm	5223.82	191.52	66369.87	15267.29	< LOD	2897.88	78.44	< LOD	< LOD
cd-05	ppm	5421.38	204.41	59343.95	9644.4	< LOD	1587.7	64.32	< LOD	< LOD
cd-06	ppm	4174.52	175.04	59899.68	9129.54	< LOD	1596	105.63	105.12	< LOD
cd-07	ppm	1126.58	< LOD	2844.75	2225.4	< LOD	305.48	201.33	279.05	91.8
cd-08	ppm	7146.24	40.81	15062.59	10978.97	< LOD	2726.17	51.62	< LOD	< LOD
cd-09	ppm	10568.57	73.98	20225.78	6239.21	< LOD	1501.95	51.43	< LOD	< LOD
cd-10	ppm	9153.96	< LOD	7878.74	3601.56	< LOD	1125.11	56.32	< LOD	< LOD
cd-11	ppm	6277.42	69.23	19096.88	6323.63	< LOD	2063.93	71.27	103.78	< LOD
cd-12	ppm	7397.34	85.25	28282.14	9132.21	< LOD	3139.95	65.91	< LOD	< LOD
cd-13	ppm	5830.26	39.9	7549.95	7805.79	< LOD	1169	67.46	73.77	< LOD
cd-14	ppm	7560.19	< LOD	8299.62	16369.34	< LOD	2524.34	91.09	< LOD	< LOD
cd-15	ppm	5918.31	118.81	36770.09	11879.06	< LOD	2437.92	83.47	< LOD	< LOD
cd-16	ppm	439.11	< LOD	340.19	5291.2	< LOD	615.08	87.21	121.9	< LOD
cd-17	ppm	1691.87	< LOD	268.65	14693.28	< LOD	1272.01	76.81	102.39	< LOD
cd-18	ppm	9985.7	< LOD	3364.55	8519.76	< LOD	2201.32	71.6	< LOD	< LOD
cd-19	ppm	966.65	< LOD	774.13	8449.97	< LOD	181.17	83.14	118.48	< LOD
cd-20	ppm	612.85	< LOD	< LOD	3962.97	< LOD	749.03	148.25	201.38	< LOD
cd-21	ppm	491.85	9.69	296.95	1557.99	< LOD	135	108.71	171.53	< LOD
cd-22	ppm	6025.35	9.84	1107.29	6113.77	< LOD	3193.83	78.21	< LOD	< LOD
cd-23	ppm	4091.88	< LOD	498.61	28861.31	< LOD	1036.1	69.82	< LOD	26.67
cd-24	ppm	156.21	< LOD	676.2	88.32	< LOD	310.71	65.23	104.83	< LOD
cd-25	ppm	1339.58	< LOD	3322.17	38646.21	< LOD	581.21	82.68	78.06	< LOD
cd-26	ppm	671.7	7.82	342.92	2733.94	< LOD	128.07	115.82	139.71	< LOD
cd-27	ppm	6546.92	128.8	40465.27	15671.17	< LOD	6711.47	95.95	< LOD	< LOD
cd-28	ppm	2098.68	< LOD	627.83	4285.3	< LOD	291.9	< LOD	< LOD	< LOD
cd-29	ppm	6275.08	< LOD	4626.15	28319.15	< LOD	829.17	110.47	120.7	< LOD
cd-30	ppm	84.75	< LOD	7444.53	677.57	< LOD	114.69	85.26	110.57	44.79
cd-31	ppm	1270.3	< LOD	319.44	10854.4	< LOD	589.24	180.77	194	< LOD
cd-32	ppm	576.28	< LOD	1564.55	4477.09	< LOD	861.03	88.35	87.58	27.43
cd-33	ppm	4340.99	161.53	58608.27	10411.71	< LOD	1503.17	52.65	61.26	< LOD
cd-34	ppm	2391.81	< LOD	349.29	33059.76	< LOD	2511.41	140.47	182.56	< LOD
cd-35	ppm	90.79	10.47	955.31	553.71	< LOD	404.05	138.26	137.1	70.81
cd-36	ppm	1177.34	< LOD	4276.57	26936.88	< LOD	610.89	123.72	132.85	< LOD
cd-37	ppm	2885.56	159.25	51785.84	7698.54	< LOD	2094.83	< LOD	< LOD	< LOD
cd-38	ppm	< LOD	< LOD	1321.71	2185.97	< LOD	209.94	< LOD	< LOD	< LOD
cd-39	ppm	1345.7	< LOD	1476.53	12731.78	< LOD	1237.31	86.57	82.32	< LOD
cd-40	ppm	4338.86	134.83	47198.7	8741.57	< LOD	2121.88	74.86	78.47	< LOD
cd-41	ppm	2846.92	91.49	22378.08	6810.11	< LOD	2219.8	72.35	90.43	< LOD
cd-42	ppm	372.12	< LOD	231.58	568.33	< LOD	137.93	53.16	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Ti	Sc	Ca	K	S	Ba	Cs	Te	Sb
cd-43	ppm	7357.98	21.61	4699.11	15676.24	< LOD	5174.3	119.54	< LOD	< LOD
cd-44	ppm	2076.09	< LOD	1815.22	32591.85	< LOD	664.49	75.71	< LOD	25.54
cd-45	ppm	4299.75	< LOD	3000.32	8861.89	< LOD	1748.1	51.66	< LOD	< LOD
cd-46	ppm	4152.91	< LOD	684.14	21024.23	< LOD	1464.31	75.56	76.71	< LOD
cd-47	ppm	5404.67	151.71	49604.43	13482.43	< LOD	3630.28	50.06	< LOD	< LOD
cd-48	ppm	2879.5	< LOD	611.14	21820.69	< LOD	387.79	130.33	218.72	< LOD
cd-49	ppm	5130.77	119.9	50759.18	12417.64	< LOD	3783.14	92.11	< LOD	< LOD
cd-50	ppm	5844.94	69.39	22849.95	14947.96	< LOD	2210.09	< LOD	< LOD	< LOD
cd-51	ppm	4857.2	< LOD	2079.18	8906.53	< LOD	3345.68	42.91	< LOD	< LOD
cd-52	ppm	7939.98	< LOD	4414.6	6433.79	< LOD	2168.19	75.22	84.66	31.75
cd-53	ppm	12171.12	< LOD	564.41	14054.92	< LOD	1228.32	116.97	124.07	< LOD
cd-54	ppm	4576.3	38.7	18373.06	35626.32	< LOD	2256.14	111.28	116.56	< LOD
cd-55	ppm	5496.78	14.56	2639.92	21488.55	< LOD	1513.96	125.2	127.22	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Sn	Cd	Ag	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
cd-01	ppm	< LOD	< LOD	149.62	< LOD	515.79	474.64	< LOD	306.44	8.78	1.68	< LOD
cd-02	ppm	< LOD	< LOD	< LOD	< LOD	734.82	383.38	307.06	243.38	26.65	2.48	< LOD
cd-03	ppm	< LOD	< LOD	< LOD	< LOD	628.14	361.63	304.67	214.19	47.15	2.58	< LOD
cd-04	ppm	< LOD	< LOD	< LOD	< LOD	893.16	589.49	303.78	348.32	16.21	2.08	< LOD
cd-05	ppm	29.56	< LOD	106.44	< LOD	685.89	479.83	285.45	233.22	9.59	< LOD	< LOD
cd-06	ppm	< LOD	< LOD	145.13	< LOD	296.62	209.19	172.76	105.23	36.37	2.72	< LOD
cd-07	ppm	< LOD	< LOD	265.85	< LOD	903.82	557.15	349.08	402.16	< LOD	< LOD	< LOD
cd-08	ppm	< LOD	< LOD	< LOD	< LOD	599.59	408.07	266.74	210.92	32.51	2.26	< LOD
cd-09	ppm	< LOD	< LOD	< LOD	< LOD	762.11	545.91	364.43	296.3	26.2	2.69	< LOD
cd-10	ppm	< LOD	< LOD	123.56	< LOD	971.3	569.47	444.54	375.64	32.27	1.54	< LOD
cd-11	ppm	< LOD	< LOD	112.55	< LOD	740.21	364.54	213.58	< LOD	30.94	2.43	< LOD
cd-12	ppm	< LOD	< LOD	< LOD	< LOD	888.59	527.64	440.85	267.59	39.86	2.23	< LOD
cd-13	ppm	< LOD	< LOD	130.91	< LOD	1066.57	629.37	385.18	302.68	16.14	1.55	< LOD
cd-14	ppm	35.54	< LOD	126.07	< LOD	653.49	439.44	374.79	305.25	27.34	4.61	< LOD
cd-15	ppm	< LOD	< LOD	< LOD	< LOD	619.09	467.32	305.48	229.47	28.12	2.3	< LOD
cd-16	ppm	< LOD	< LOD	133.17	< LOD	< LOD	336.8	187.63	174.64	13.7	< LOD	< LOD
cd-17	ppm	< LOD	< LOD	164.76	< LOD	793.82	440.06	375.77	277.36	8.06	4.15	< LOD
cd-18	ppm	< LOD	< LOD	< LOD	< LOD	809.68	557.07	369.16	285.05	43.71	5.44	< LOD
cd-19	ppm	< LOD	< LOD	103.96	< LOD	432.87	304.64	191.8	181.17	< LOD	2.33	< LOD
cd-20	ppm	< LOD	< LOD	205.17	< LOD	912.28	530.9	381.39	311.49	< LOD	< LOD	< LOD
cd-21	ppm	< LOD	< LOD	< LOD	< LOD	313.87	244.76	128.37	109.76	< LOD	< LOD	< LOD
cd-22	ppm	< LOD	< LOD	140.58	< LOD	564.48	507.92	278.16	265.06	21.09	2.17	< LOD
cd-23	ppm	< LOD	< LOD	115.06	< LOD	672.95	434.75	415.38	390.04	12.13	3.56	< LOD
cd-24	ppm	< LOD	< LOD	113.07	< LOD	434.19	341.44	169.14	158.55	< LOD	< LOD	< LOD
cd-25	ppm	39.02	< LOD	< LOD	< LOD	572.34	533.92	335.84	253.15	10.72	< LOD	< LOD
cd-26	ppm	54.62	< LOD	133.01	< LOD	483.31	344.3	146.92	187.16	< LOD	< LOD	< LOD
cd-27	ppm	< LOD	< LOD	104.88	< LOD	951.68	556.85	437.54	258.42	11.77	3.67	< LOD
cd-28	ppm	< LOD	< LOD	100.4	< LOD	949.03	644.54	370.28	288.4	5.75	1.72	< LOD
cd-29	ppm	< LOD	< LOD	157.96	< LOD	687.92	529.67	329.9	278.77	8.08	2.29	< LOD
cd-30	ppm	< LOD	< LOD	< LOD	< LOD	409.81	303.12	205.52	144.36	< LOD	< LOD	< LOD
cd-31	ppm	< LOD	< LOD	231.9	< LOD	771.57	594.92	361.02	332.75	< LOD	< LOD	< LOD
cd-32	ppm	< LOD	< LOD	116.62	< LOD	433.54	336.76	190.37	188.31	5.38	< LOD	< LOD
cd-33	ppm	24.01	< LOD	< LOD	< LOD	609	399.8	267.16	214.9	15.9	< LOD	< LOD
cd-34	ppm	< LOD	< LOD	107.5	< LOD	469.61	300.84	187.86	177.68	6.44	2.31	< LOD
cd-35	ppm	< LOD	< LOD	208.44	< LOD	809.61	568.45	368.01	319.98	< LOD	< LOD	< LOD
cd-36	ppm	< LOD	< LOD	154.75	< LOD	802.48	454	372.98	320.48	12.71	< LOD	< LOD
cd-37	ppm	< LOD	< LOD	< LOD	< LOD	624.07	430.45	214.11	< LOD	13.12	2.36	< LOD
cd-38	ppm	< LOD	< LOD	< LOD	< LOD	492.5	339.44	249.08	248.84	< LOD	1.51	< LOD
cd-39	ppm	< LOD	< LOD	< LOD	< LOD	516.63	313.28	235.89	212.34	4.94	1.78	< LOD
cd-40	ppm	< LOD	< LOD	111.84	< LOD	531.74	357.31	277.71	219.3	35.74	1.98	< LOD
cd-41	ppm	< LOD	< LOD	< LOD	< LOD	448.8	256.59	180.96	< LOD	11.6	1.67	< LOD
cd-42	ppm	< LOD	< LOD	< LOD	< LOD	409.48	344.32	212.75	180.06	< LOD	< LOD	< LOD

Appendix G

Frank Creek Property
2023, 2024, 2025
Rock Sample XRF Results

Area D

Sample #	Units	Sn	Cd	Ag	Pd	Nd	Pr	Ce	La	Nb	Y	Bi
cd-43	ppm	< LOD	< LOD	< LOD	< LOD	615.47	321.03	252.63	193.57	31.46	3.02	< LOD
cd-44	ppm	30.01	< LOD	106.72	< LOD	657.64	503.07	370.14	361.57	19.79	4.76	< LOD
cd-45	ppm	< LOD	< LOD	< LOD	< LOD	306.74	333.98	< LOD	210.23	28.89	< LOD	< LOD
cd-46	ppm	< LOD	< LOD	119.38	< LOD	716.63	487.2	324.99	282.6	17.14	2.43	< LOD
cd-47	ppm	< LOD	< LOD	< LOD	< LOD	649.79	246.21	282.28	214.3	18.65	< LOD	< LOD
cd-48	ppm	< LOD	< LOD	162.57	< LOD	539.86	368.54	310.6	154.71	6.83	< LOD	< LOD
cd-49	ppm	< LOD	< LOD	104.46	< LOD	708.44	476.47	339.94	321.67	12.13	2.07	< LOD
cd-50	ppm	< LOD	< LOD	< LOD	< LOD	805.86	< LOD	469.06	373.85	28.47	1.71	< LOD
cd-51	ppm	< LOD	< LOD	< LOD	< LOD	439.64	346.2	242.75	195.72	19.9	1.56	< LOD
cd-52	ppm	< LOD	< LOD	121.26	< LOD	593.87	391.03	257.3	229.82	15.1	1.87	< LOD
cd-53	ppm	37.91	< LOD	156.07	< LOD	892.29	520.85	427.42	320.75	30.31	6.32	< LOD
cd-54	ppm	43.15	< LOD	100.06	< LOD	519.94	315.28	197.65	171.02	18.18	2.59	< LOD
cd-55	ppm	35.01	< LOD	158.86	< LOD	688.27	454.17	350.2	267.32	16.99	2.77	< LOD