



**BMC MINERALS (NO.1) LTD**

**2019 GEOLOGICAL REPORT ON THE  
FYRE LAKE PROPERTY**

Located in the Watson Lake Mining District, Yukon  
NTS 105G/1, 2, 7 and 8  
61° 15' 12" N Latitude; 130° 32' 06" W Longitude

Field Work Completed Between July 1st and August 5<sup>th</sup>, 2019

-prepared by-

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## SUMMARY

The Fyre Lake Property comprises 282 quartz claims covering 5092 hectares (50.9 km<sup>2</sup>) of south-central Yukon, with 121 of these claims 100% owned by BMC MINERALS (NO.1) LTD (“BMC”) and 161 claims under option from Pacific Ridge Exploration Ltd (“Pacific Ridge”). The approximate center of the Property is 61° 15' N latitude and 130° 32' W longitude near the intersection of NTS map sheets 105G/1, 2, 7 and 8, within the Watson Lake Mining District. The Property hosts the Kona volcanogenic massive sulphide (VMS) Cu-Au-Ag deposit, which consists of the Kona East and West lenses. A recent Resource Estimate for the Kona deposit (Green, 2018) reported an open pittable Indicated Resource of 1.8 Mt at 1.4% Cu, 0.6 g/t Au and 3 g/t Ag (C\$25 NSR cut-off) along with an underground Indicated Resource of 1.2 Mt at 1.5% Cu, 0.9 g/t Au and 5 g/t Ag (C\$95 NSR cut-off). Inferred Resources were estimated at 0.3 Mt grading 1.3% Cu, 0.3 g/t Au and 3 g/t Ag for an open pit as well as 7.2 Mt averaging 1.7% Cu, 0.6 g/t Au and 4 g/t Ag underground at a C\$25 NSR cut-off and C\$95 NSR cut-off, respectively.

Work in 2019 consisted of a field prospecting program throughout the property over several days in July. The aim of the program was to verify historic data compiled the previous year as well as inspect several historic prospects throughout the property. Additionally, field geologists confirmed historic outcrop mapping used in the current property scale bedrock map generated by sebert *et al.* 2004. A total of 23 rock samples were collected for multi-element analysis and returned encouraging results over several historical prospects as well as several new showings on the property.

Recommended follow-up work includes (1) on-going historical core re-logging and preservation efforts, (2) additional prospect scale bedrock mapping, (3) physical property measurements of various lithologies and mineralization types to help design future geophysical surveys, and (4) additional soil geochemical sampling programs through areas of interest.

**Table 1: List of units and abbreviations used in this report**

Units	Abbreviations		
cm	centimetre	AES	atomic emission spectroscopy (an analytical technique)
C\$	Canadian dollar	BQTK	drill core measuring 40.5 mm in diameter
g	gram	DDH	diamond drill hole
g/t	grams/tonne	EM	electromagnetic
km	kilometre	EMR	Yukon Department of Energy, Mines and Resources
km <sup>2</sup>	square-kilometre	HLEM	horizontal loop EM
m	metre	ICP	inductively coupled plasma (an analytical technique)
mm	millimetre	ID	identification
Mt	million tonnes	KZK	Kudz Ze Kayah
ppm	part per million	Ma	million years ago,
		MS	mass spectrometry (an analytical technique)
		MRE	Mineral Resource Estimate
		NAD83	North American datum (1983)
		NSR	net smelter return
		NQ2	drill core measuring 50.5 mm in diameter
		PEX	Pacific Ridge Exploration
		QA	quality assurance
		QC	quality control
		UTEM	University of Toronto electromagnetic (a geophysical technique)
		UTM	universal Transverse Mercator
		VMS	volcanogenic massive sulphide
		VTEM	versatile time-domain electromagnetic (a geophysical survey system)
		wt%	weight per cent
		XRF	X-ray diffraction (an analytical technique)



## 1.0 INTRODUCTION

This report has been prepared by BMC MINERALS (NO.1) LTD (“BMC”) in order to document the procedures and results of the 2019 exploration work on the Fyre Lake Property and to satisfy assessment reporting requirements for the Yukon Department of Energy, Mines and Resources (“EMR”). A complete list of references is provided in Appendix A. Units and abbreviations used in this report are summarized in Table 1.

## 2.0 PROPERTY DESCRIPTION AND LOCATION

The Fyre Lake Property consists of 282 quartz claims covering 5092 hectares (50.9 km<sup>2</sup>) in the south-central Yukon, approximately 130 km southeast of the town of Ross River and 255 km ENE of Whitehorse (Figure 1). It is centred at 61° 15' N latitude and 130° 32' W longitude (NAD83 UTM Zone 9: 416900 m E 6791800 m N) on NTS map sheets 105G/1, 2, 7 and 8 within the Watson Lake Mining District. All claims were initially acquired through staking on the ground, with the area covered by each claim determined by the location of the two claim posts on the ground. A complete list of claims is provided in Appendix C.

The 282 claims are divided into a southern portion of 161 claims under option to BMC from Pacific Ridge and a northern portion of 121 claims owned 100% by BMC MINERALS (NO.1) LTD. Under the terms of the option agreement with Pacific Ridge, BMC can earn 100% ownership of the claims with no underlying royalties. The northern 121 claims are subject to a 1% gross overriding royalty on any future gemstone production payable to True North Gems Inc. (“True North”) and Yukon Zinc Corp. (“Yukon Zinc”) retains the base and precious metal rights through an earlier transaction between True North and Yukon Zinc.

In Yukon, quartz claims confer title to hard rock mineral tenure only. Surface rights are held by the Crown, as administered by the Yukon Territory. Trapping rights over most of the Fyre Lake Property are held under Single Holder Trapline #249 whereas the eastern part of the Property falls under Single Holder traplines #250 and #251. The Property falls entirely within Outfitter Concession #20, held by Yukon Big Game Outfitters. There are several parcels of land near the Fyre Lake Property that have been reserved for a future land claim settlement with the Liard First Nation (LFN), including LFN R-113A along the western shoreline of Fire Lake immediately southwest of the Property.

The Yukon Government (YG) placed a staking moratorium across Kaska Dena traditional territory in December 2013, which includes the Fyre Lake project area. This moratorium was subsequent to a 2012 decision by the Yukon Court of Appeal supporting the Ross River Dena Council’s contention that existing free entry -staking rules may conflict with the YG constitutional duty to consult aboriginal groups with land claims outstanding. In July 18 the moratorium was extended until January 31, 2021. Mineral claims staked prior to the moratorium are unaffected. The moratorium does not affect the ability to conduct exploration and mining on existing claims.

Assessment expenditures of C\$100/claim are required to extend quartz claim expiry dates. Current expiry dates range from 12 March 2024 to 17 March 2035.

Exploration programs in Yukon are divided into Class 1 (grassroots) through Class 4 (advanced), depending on thresholds of camp man-days, fuel storage and extent of exploration activities. In the Fyre Lake project area, Class 1 and 2 programs require notifying EMR whereas Class 3 and 4 programs involve submittal of an operation plan that, if approved by EMR, will provide a Quartz Mining Land Use Approval that is necessary to undertake exploration activities. The 2019 Fyre Lake exploration work was completed under the auspices of Mining Land Use Permit LQ00425c, which is valid from 28 April 2015 to 28 April 2020. The field prospecting work completed during 2019 required no ground disturbance or dedicated camp as the program was supported by daily helicopter set out from BMC’s Kudz Ze Kayah exploration camp.

The Fyre Lake Property lies within the traditional territory of the Kaska Dena. Land claims have not been settled in this part of Yukon and their future impact on Property access, title or the right and ability to perform work remain unknown.

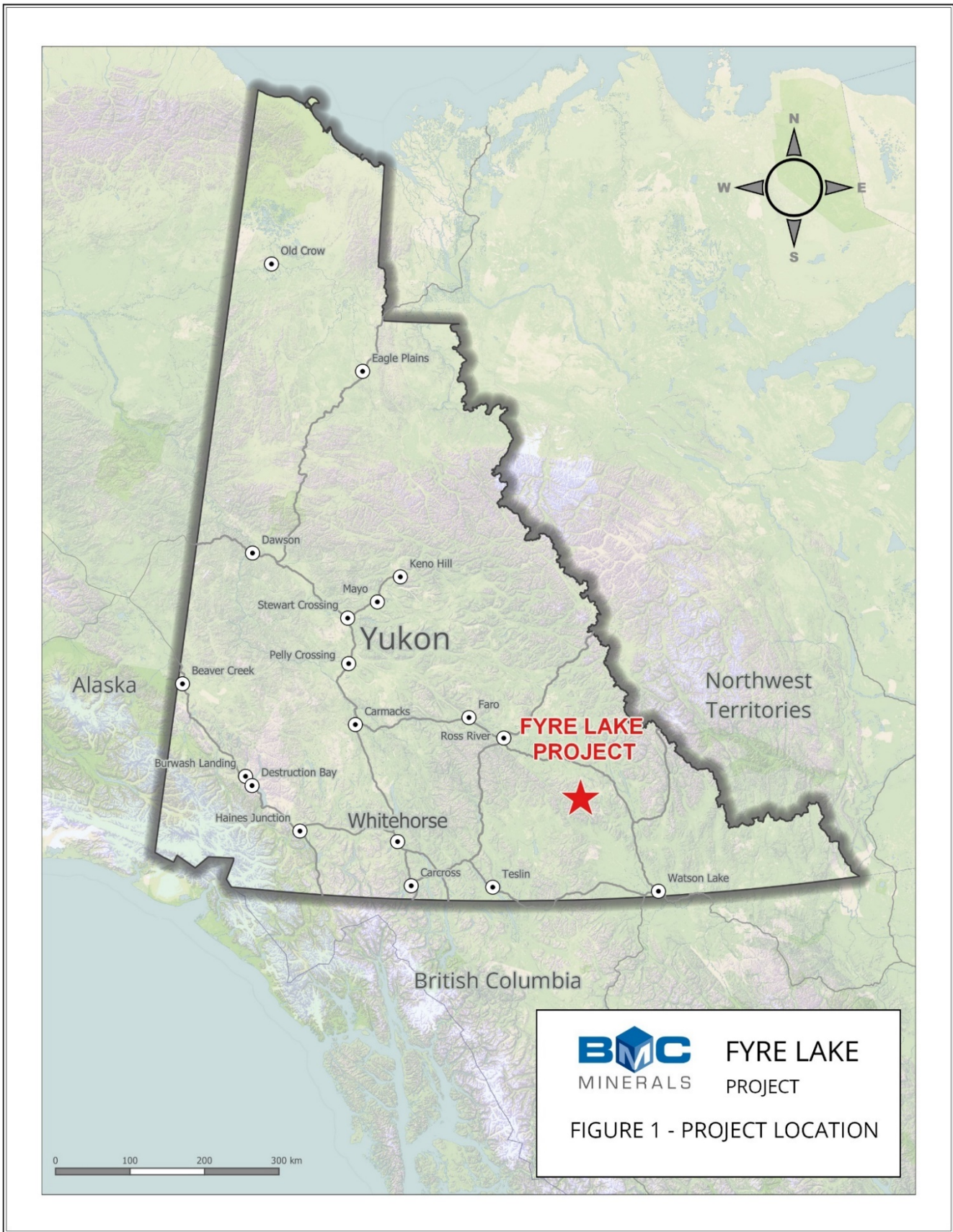
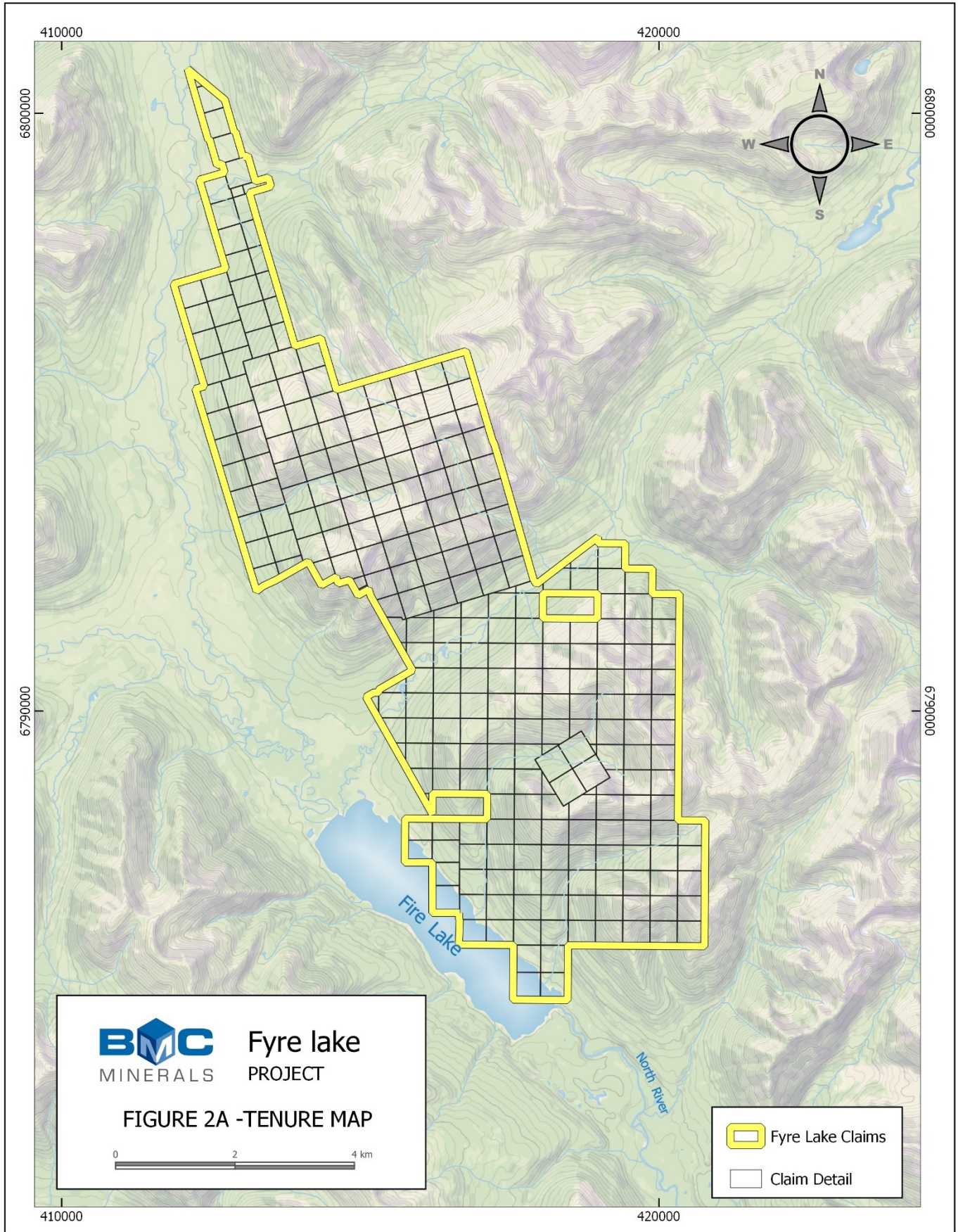


Figure 1: Location of the Fyre Lake Property





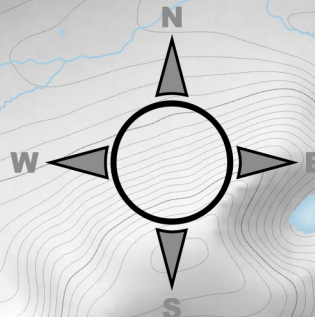
**Figure 2a:** 1:75,000 scale map of the Fyre Lake Property tenure



410000

415000

420000



6800000

6800000

6795000

6795000

6790000

6790000

6785000

6785000

410000

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420000



**FYRE LAKE PROJECT**

**FIGURE 2B - DETAILED TENURE MAP**

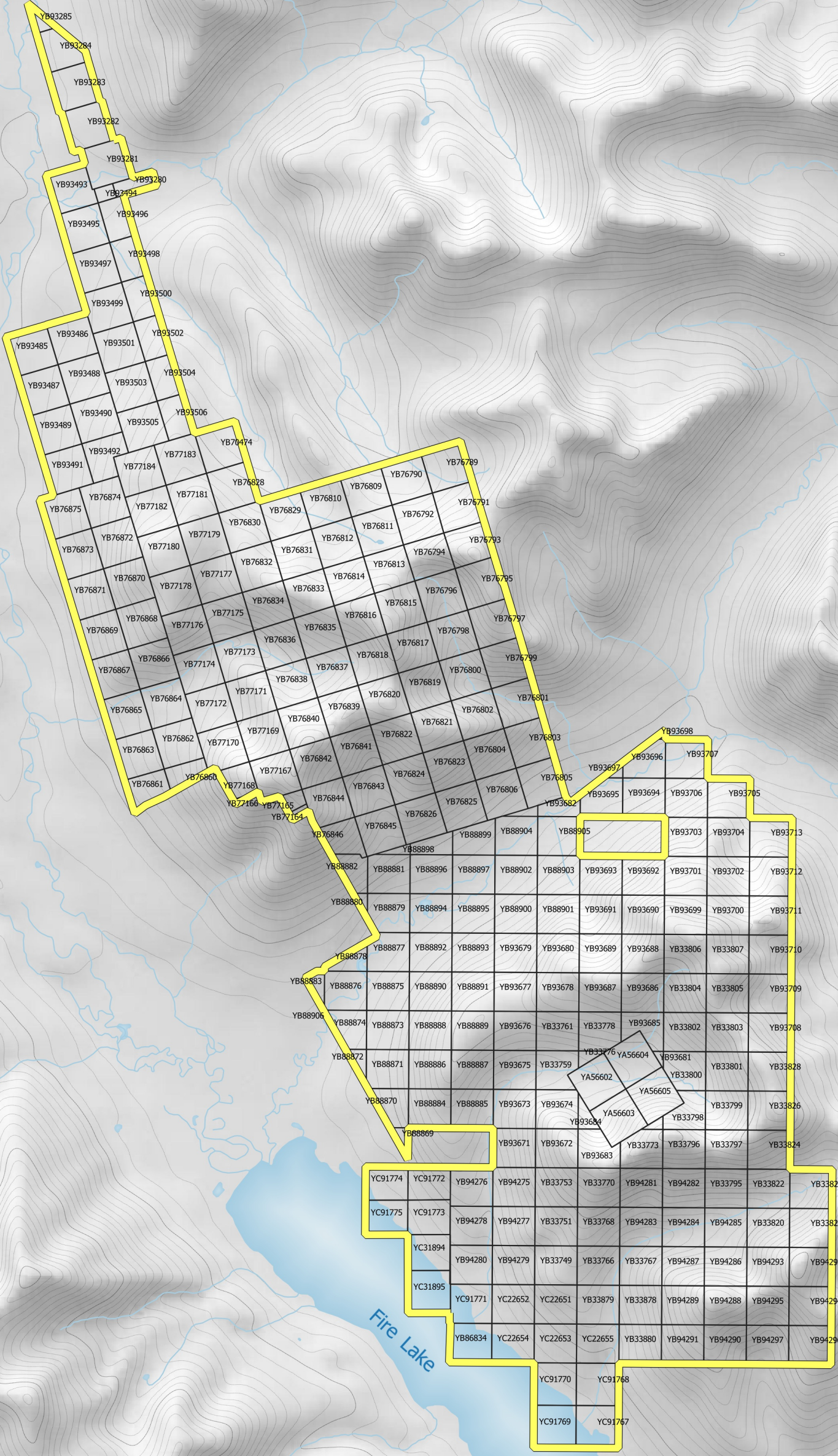


Fyre Lake Project

Claim Detail

Fire Lake

North River





### 3.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

The centre of the Property is located 45 km due south of the gravel Robert Campbell Highway (Highway 4), which then connects to the paved Alaska Highway at the town of Watson Lake as well as the paved Klondike Highway near the town of Carmacks, giving access to Whitehorse and points south (Figure 1). There is no direct road access to the property however, year-round access to the Fyre Lake Property is possible by helicopter or fixed wing, either by landing a float plane on Fire Lake in spring through fall or on skis during the winter months.

The nearest currently operable airstrips are at Finlayson Lake, 55 km to the north-northwest, and at the Wolverine Mine located 30 km to the northeast. The Wolverine Mine has been on care-and-maintenance since January 2015.

The nearest settlement to the Fyre Lake Property is the town of Ross River (population 300), which lies 130 km northwest of the Property on the Robert Campbell Highway and provides some logistics and contracting services (earthworks, groceries, bulk fuel, accommodation and meals). The city of Whitehorse (population 25,000) is located 250 km west-southwest of the Fyre Lake Property (Figure 1) and offers a full range of services and supplies for mineral exploration and mining, including skilled labour, bulk fuel, freight, heavy equipment, groceries, hardware and daily jet service to Vancouver.

The Yukon electrical grid supplies 138 kV electrical power to the town of Faro, located 190 km northwest of the Fyre Lake Property, but only 25kV to Ross River. The Property is situated within the Yukon Plateau physiographic region in the Simpson Range of the Eastern Pelly Mountains, approximately five kilometres northeast of the Tintina Trench. Part of its southwestern border is formed by Fire Lake, the namesake of the Fyre Lake Property. It is unclear why the mineral claims were spelled as “Fyre” instead of “Fire” but this has been consistent since the first publicly available assessment report on the property (e.g. Brock, 1966).

The Fire Lake area has linear open valleys and high rolling to craggy ridges and mountains. Topographic relief is moderate to locally high with elevations ranging from 1100 m at Fire Lake to 1900 m above mean sea level (AMSL) along the eastern ridge crests. A 2351 m high peak situated six kilometres north of the Property is the highest mountain in the area. The various mineral showings are situated between elevations of 1450 m and 1700 m AMSL.

Fire Lake is situated midway along the southeasterly-flowing North River. To the northeast, there are two easterly trending hanging valleys and broad open cirques. The northern hanging valley within which most of the known mineral showings are situated is called “Kona Creek”. Outfitters Creek cuts across the southern portion of the claims at the south end of Fire lake and several other smaller, unnamed creeks traverse the property. Kona and Outfitters Creek drainages have sufficient flows of water for diamond drilling purposes until mid-October or later.

The annual mean daily temperature for the eastern Pelly mountains is -5°C ranging from approximately -40°C during the winter months to 25°C during the summer months. Snow cover is minimal, averaging about 60 centimetres by late winter. Permafrost is discontinuous but widespread. Bedrock exposures are generally absent in areas of low to moderate relief; often limited to stream canyons, ridges and cliffs due to an extensive glacial till cover.

Near Fire Lake, a dense spruce forest extends from the lake up to tree line at an elevation of 1,500 m. Above that, the dense vegetation becomes more open with buckbrush (dwarf birch) and eventually disappears to a caribou moss cover.

### 4.0 HISTORY

The Pelly Mountains were originally mapped by the Geological Survey of Canada in 1958 and 1959 and the results of this work were published as the ‘Finlayson Lake’ map-sheet in 1960 (Wheeler, Green and Roddick, 1960). In September 1960, prospectors employed by Cassiar Asbestos Corporation discovered a 2.5 by 2.0 m

massive sulphide boulder on a glacial esker at the south end of Fire Lake. Shortly after, prospectors discovered massive pyrite mineralization exposed in Kona Creek; they called this showing the 'E' zone.

During the fall and winter of 1960, Cassiar staked the 'TOP' mineral claims covering the southwesterly facing slopes of Fire Lake. In 1961, Cassiar explored their claim holdings with prospecting, geological mapping, geophysical surveys (electromagnetics and magnetics), trenching and drilling. The drilling comprised 23 shallow packsack drill holes, totalling 224 m, and 12 AX-core diamond drill holes, totalling 582 m. Most of their efforts were concentrated on assessing the 'E' and 'K' mineral showings where they reportedly encountered mineralization with an average grade of 1.0% Cu, 0.95% Zn, 4.80 g/t Ag and 0.72 g/t Au (Crawford, 1981).

In December 1965, Atlas Copper Ltd. (later 'Atlas Explorations Ltd.')

 optioned the 'DUB' mineral claims and in June 1966, additional claims were staked to cover the Fyre Lake mineral showings. An airborne electromagnetic and magnetometer survey was conducted over the Kona Creek cirque and along the eastern slopes of Fire Lake and North River. This survey identified two target areas, called 'DUB I' and 'DUB II', for ground surveying. Six diamond drill holes (66-001 to -005A), totalling 593.44 m, tested and extended the Cu-bearing pyritic formation at 'I' and 'K' mineral showings which had been identified by earlier Cassiar drilling. Intercepts of massive sulphide mineralization up to 12.2 m thick were reported from this drilling (Sadlier-Brown, 1966).

In 1967, Atlas explored the southern DUB I target area near the original massive sulphide float boulder discovery site. Diamond drilling (three AX-core holes totalling 252.68 m) intersected disseminated pyrite and pyrrhotite mineralization but no significant base or precious metal mineralization (Sadlier-Brown, 1967).

In late August and early September 1980, Welcome North Mines Ltd. (Welcome North) staked 68 'KONA' mineral claims covering the Fyre Lake massive sulphide showings, after they discovered disseminated copper mineralization in metamorphosed volcanic rocks approximately 2 km north of the known mineral showings. This work was carried out as part of the Basin Joint Venture with Esperanza Explorations Ltd. (a predecessor corporation to Columbia Gold Mines Ltd.) Unfortunately, an early snowfall and other work priorities prevented further exploration that year. The Basin Joint Venture was terminated in 1981.

Placer Dome Inc. (Placer Dome) optioned the KONA mineral claims from Welcome North on November 30, 1990 and undertook a helicopter-supported airborne survey of a 36-square km area (308 flight line km) centred on the Fyre Lake mineral showings within the Kona Creek drainage. In 1991, a surface exploration program was completed, including geological mapping, geophysical surveying and soil, silt and rock geochemical sampling, based upon the 1990 airborne geophysical survey results. Placer Dome terminated the property option agreement in 1992.

In November 1995, Columbia Gold Mines Ltd. (Columbia) negotiated an agreement with Welcome Opportunities Ltd. (formerly Welcome North Mines Ltd.) to acquire the 'KONA' and 'FIRE' mineral claims, and in 1996 Columbia staked additional mineral claims west and south of the joint venture claim holdings. During the 1996 and 1997 field seasons, Columbia undertook a significant exploration program resulting in the discovery of the Kona Cu-Au VMS deposit. The program included construction of 36-person field camp and core logging facilities, land surveying, line cutting, prospecting, geological mapping, geochemical sampling (soil, silt, rock), geophysical surveys (ground magnetics, electromagnetics), diamond core drilling, petrographic studies, water and baseline environmental studies, preliminary metallurgical test work and a mining scoping study.

Columbia did not proceed with exploration work in 1998 due to insufficient exploration funding, and in 1999 the company decided to remove all drilling and exploration equipment and supplies from the property until sufficient funds were available to continue exploration.

In August 2002, Rock Resources Inc. (Rock), a Vancouver-based junior mining company, negotiated an option agreement with Pacific Ridge Exploration (PEX) (formerly Columbia) to earn a 60% interest in the subject property. Rock retained J. D. Blanchflower to prepare a report on the Property documenting all exploration work and to undertake Mineral Resource Estimation on the Kona deposit ("Report on the Fyre Lake Property", dated August 31, 2002).

Rock did not undertake any exploration work on the Property; thus, terminating their option agreement with PEX. No significant exploration work was undertaken on the Fyre Lake Property by PEX after completion of the 1997 exploration program (Blanchflower, 2006).

In July 2014, PEX optioned out the Fyre Lake Property to Merah Resources Limited (Merah) (ASX: MEH) later renamed MinQuest Limited (MinQuest). Merah completed a Versatile Time Domain Electromagnetic (VTEM) and magnetic survey, and drill core verification resampling and assaying. An updated MRE was also commissioned and completed by IMC Mining Pty Ltd (IMC). MinQuest withdrew from the Project in 2016.

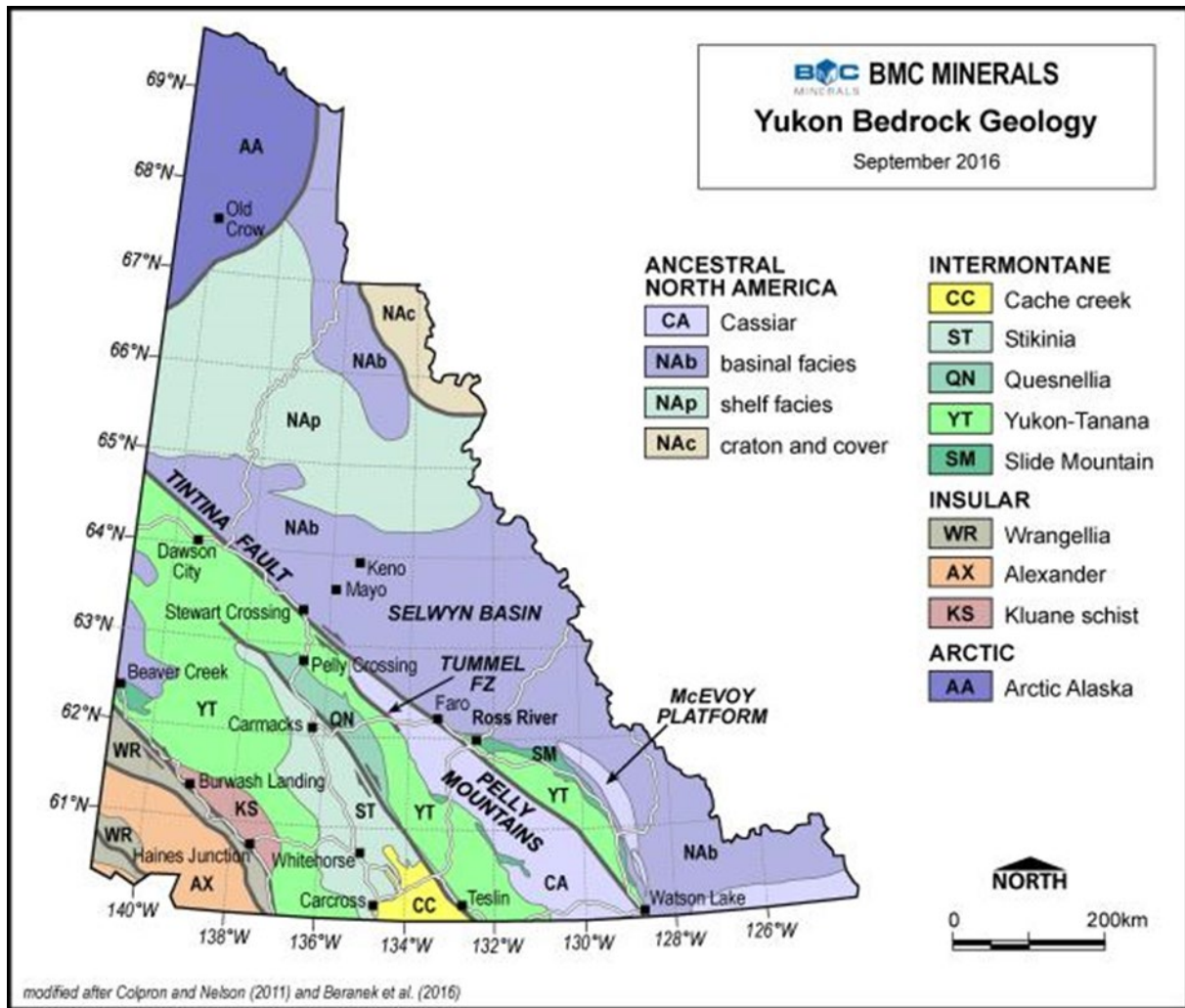
On 23 January 2017, BMC announced the signing of an option arrangement over a 100% interest in the Fyre Lake Property from PEX.

The 2018 work program completed by BMC included data compilation, core re-logging, lithogeochemistry, air photography and partial reclamation of the 1996-97 exploration camp. Data compilation was started in the spring and completed several weeks after the end of the summer field program. This work included review and compilation of historical work into a digital database.

## **5.0 GEOLOGICAL SETTING AND MINERALIZATION**

### **5.1 Regional Geology**

The Fyre Lake Property is located with the Finlayson Lake District, a crescent-shaped area approximately 300 km long and 50 km wide that extends from Ross River in the north to Watson Lake in the south (Figure 3).

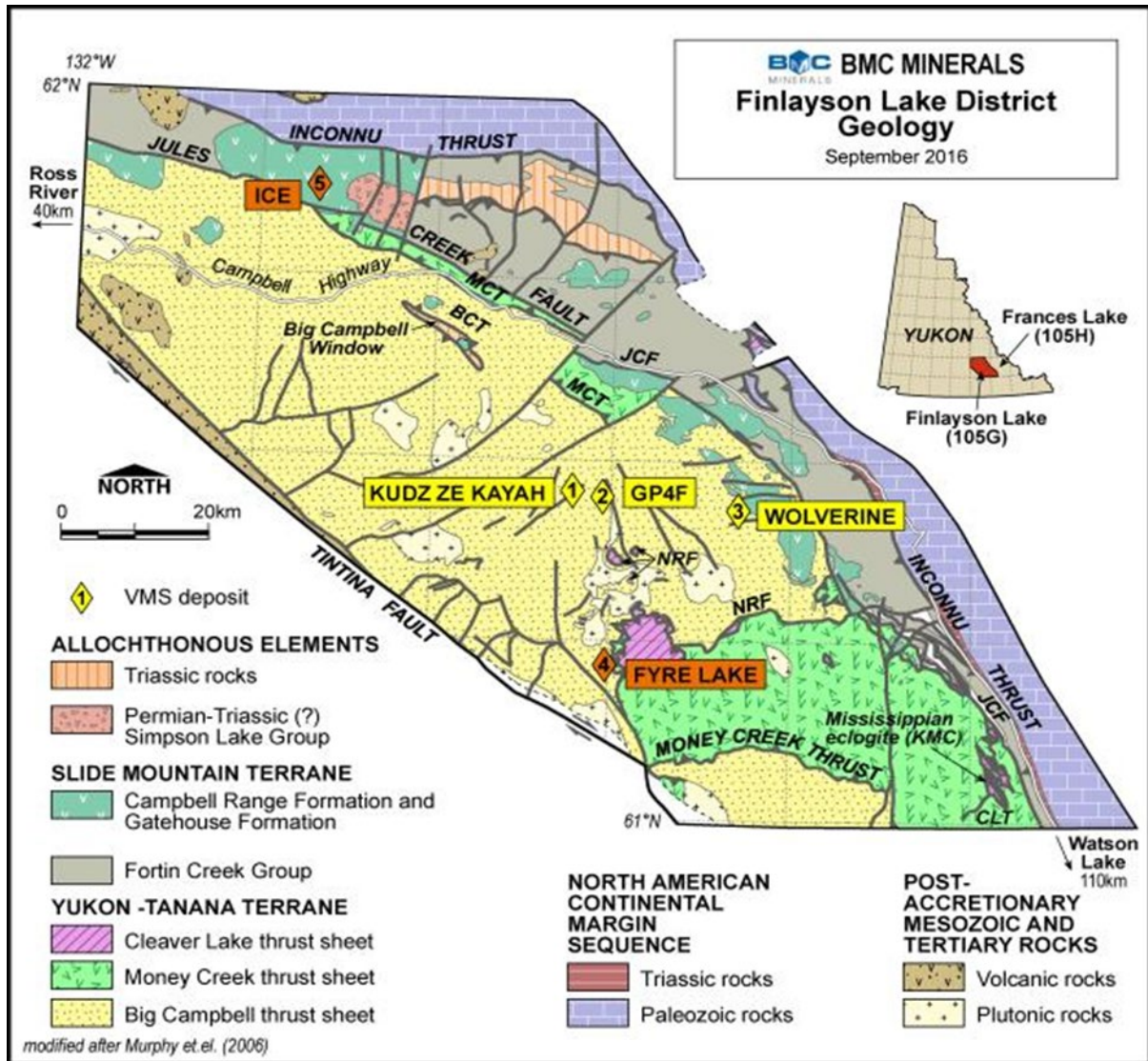


**Figure 3:** Yukon bedrock geology and terrane map.

*Modified after Colpron and Nelson (2011) and Beranek et al. (2016)*

The Finlayson Lake District predominantly comprises Devonian to Lower Carboniferous (Mississippian) volcanic, intrusive, and sedimentary rocks bounded to the east by Proterozoic and Palaeozoic strata of the Selwyn Basin, representing the ancient North American continental margin, and to the southwest by the Tintina Fault. Rocks of the Finlayson Lake District comprise several fault- and unconformity-bound groups and formations of early Mississippian to Early Permian age (Murphy et al., 2006) (Figure 4). The Yukon-Tanana and Slide Mountain terranes, which together with minor allochthonous elements that make up the Finlayson Lake District, are separated from the ancient continental strata to the northeast by the Inconnu Thrust (Mortensen and Jilson, 1985; Plint and Gordon, 1996; Tempelman-Kluit, 1979; Figure 4). Within the Finlayson Lake District, the Jules Creek Fault separates the Yukon-Tanana terrane from the Slide Mountain terrane. The Yukon-Tanana terrane of the Finlayson Lake District is interpreted to be contiguous with the main body of the Yukon-Tanana terrane, which underlies most of west central Yukon, after reconstruction of an approximately 425 km right-lateral, strike-slip movement of Late Cretaceous age along the Tintina Fault (e.g. Mortensen, 1992; Peter et al., 2007).





**Figure 4:** Tectonostratigraphic subdivisions of the Finlayson Lake District

Source: Murphy et al. (2006)

Rocks of the Finlayson Lake District comprise several fault- and unconformity-bound groups and formations of early Mississippian to Early Permian age (Murphy et al., 2006) (Figure 4, Figure 5 and Figure 6). Massive sulphide deposits have been identified primarily within the Big Campbell thrust sheet (Figure 4 and Figure 5), with the exception of the Ice deposit which is hosted by basalts of the Campbell Range Formation within the Slide Mountain Terrane.

Rocks of the Big Campbell thrust sheet include Pre-Late Devonian quartz-rich sedimentary rocks of the North River Formation; mafic and felsic volcanic, and carbonaceous clastic rocks of the Upper Devonian Grass Lakes Group; Late Devonian to Early Mississippian granitic rocks of the Grass Lakes plutonic suite; carbonaceous clastic, mafic and felsic volcanic rocks of the Lower Mississippian Wolverine Lake Group; and carbonaceous clastic rocks and chert of the Lower Permian Money Creek Formation (Murphy et al., 2006) (Figure 6).

The Grass Lakes Group (**Grass Lakes - DMF** in Figure 6) comprises strongly foliated and lineated layered sedimentary and volcanic rocks positioned in a roof setting above and between bodies of Early Mississippian granitic orthogneiss and weakly foliated mid-Cretaceous granite (Murphy, 1998). The Grass Lakes Group has been subdivided into three formations which, from oldest to youngest, are the Fire Lake Formation, Kudz Ze Kayah Formation, and the Wind Lake Formation (Peter et al., 2007). Each formation is briefly described below:

- The Upper Devonian (ca. 365 Ma) Fire Lake Formation is a mafic volcanic sequence comprising mainly chloritic phyllite with some carbonaceous phyllite and rare muscovite-quartz phyllite of probable felsic volcanic protolith. Intrusions and sills of mafic and serpentinized ultramafic plutonic rocks occur within the Fire Lake Formation (Peter et al., 2007).
- Stratigraphically overlying the Fire Lake Formation is the Kudz Ze Kayah Formation, a Late Devonian (ca. 360–356 Ma) sequence dominated by felsic volcanic and volcanoclastic and sedimentary rocks. It predominantly comprises feldspar-muscovite-quartz phyllite and augen phyllite of probable felsic volcanic and volcanoclastic origin, and lesser fine-grained carbonaceous and siliciclastic sedimentary rocks (Peter et al., 2007).
- The Wind Lake Formation forms the uppermost unit of the Grass Lakes Group and comprises carbonaceous phyllite, quartzite, and chloritic phyllite of probable alkalic mafic volcanic and intrusive protolith (Peter et al., 2007).

Coeval with the Kudz Ze Kayah and Wind Lake formations are peraluminous plutonic granitoids of the Grass Lakes Suite which are interpreted as the subvolcanic intrusive equivalents to the felsic volcanic host rocks of the Kudz Ze Kayah deposit and are as old as  $363 \pm 3.3$  Ma (Mortensen, 1992). These rocks are deformed and were intruded by younger, late-kinematic plutonic rocks prior to deposition of the Wolverine Lake Group (Peter et al., 2007).

The Grass Lakes Group is unconformably overlain by rocks of the Wolverine Lake Group (**Wolverine Lake – DMF** in Figure 6), and comprises a basal unit of conglomerate, grit, sandstone, and carbonaceous argillite, a middle unit of quartz-feldspar phytic felsic volcanic rocks, rare chert and sandstone, and an upper unit of aphyric rhyolite, argillite, magnetite iron formation, and mafic volcanic and intrusive rocks (Murphy et al., 2006; Peter et al., 2007).

A second unconformity separates the Wolverine Lake Group from the overlying carbonaceous clastic rocks (carbonaceous phyllite, chert-pebble conglomerate, quartzofeldspathic sandstone to pebble conglomerate, and locally, matrix-supported diamictite) and dark grey to black chert of the Lower Permian Money Creek Formation within the (Peter et al., 2007).

Both the Grass Lakes Group and Wolverine Lake Group occur in the footwall of the Money Creek thrust and record two cycles in the evolution of a Late Devonian to early Mississippian ensialic back-arc (Murphy and Piercey, 2000a; Piercey et al., 2001a, 2006). The unconformity separating these groups marks a period of deformation, uplift, and erosion (Peter et al., 2007).

Uranium-Lead geochronology places an upper age limit of  $356.9 \pm 0.5$  Ma for the host rocks to the Wolverine deposit (Mortensen, 1992b; Piercey et al., in press), and the immediate stratigraphic hanging wall is dated at  $346 \pm 2.2$  Ma (Piercey, 2001), indicating that Wolverine is younger than Kudz Ze Kayah (Peter et al., 2007).

The **Campbell Range Formation – CPSM**, is a mafic-dominated sequence comprising basalt, chert, and argillite which unconformably overlies rocks of the Wolverine Lake Group. Radiolarians and ca. 273 to 274 Ma UPb ages on gabbros and plagiogranites indicate a Pennsylvanian to Permian age (Murphy et al., 2006; Peter et al., 2007).

The rocks of the Finlayson Lake District indicate formation and emplacement in a variety of tectonic settings, including rifted frontal arc, continental back-arc, and oceanic back-arc that range in age from 365 to 275 Ma (Peter et al; 2007).

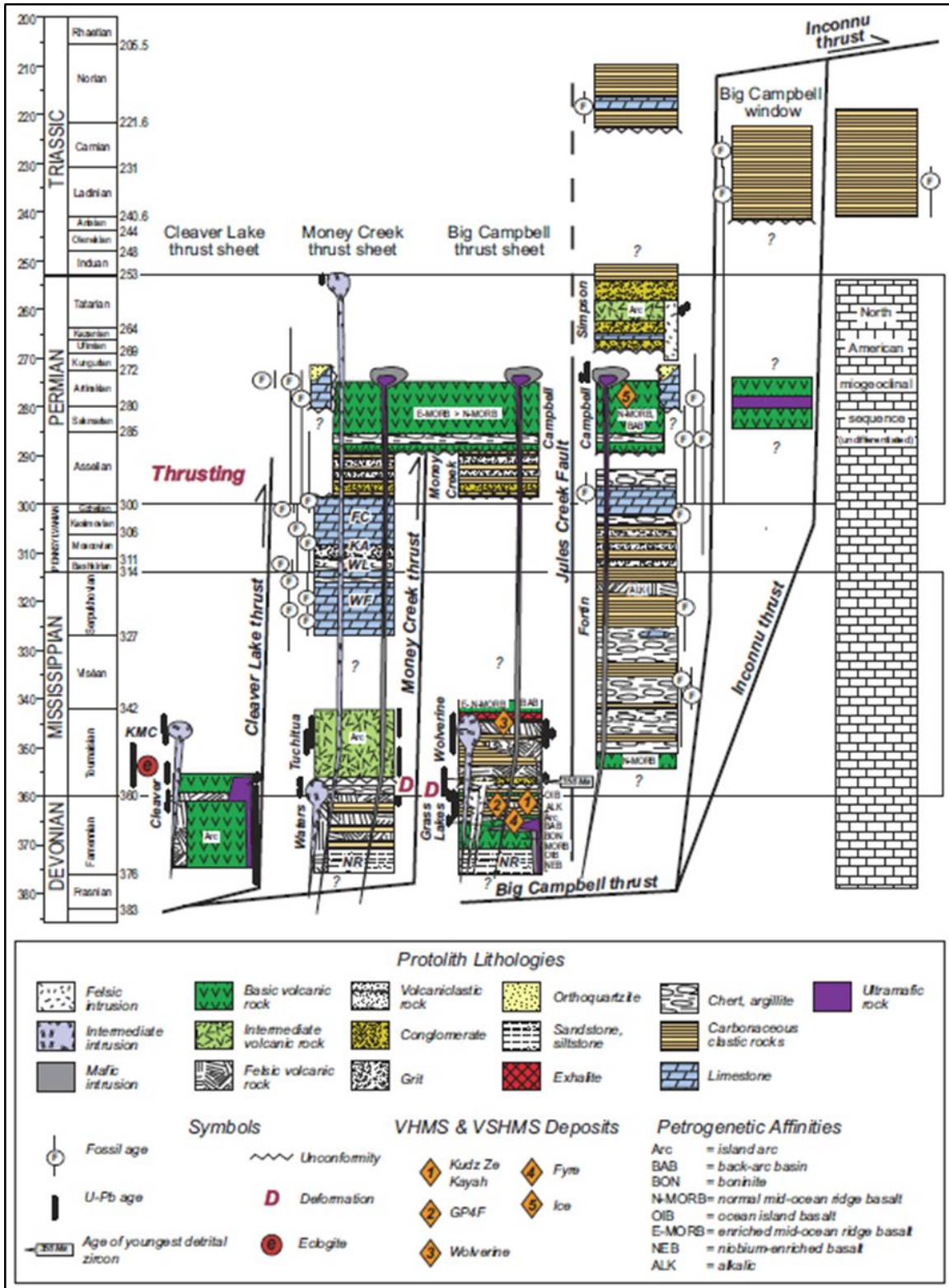


Figure 5: Structural and stratigraphic relationships in the Finlayson Lake District

Abbreviations are as follows: FC=Finlayson Creek limestone; KA=King Arctic formation; KMC=Klatsa metamorphic complex; NR=North River formation; WF=Whitefish limestone; WL=White Lake formation.

Source: Peter et al. (2007) modified after Murphy et al. (2006)



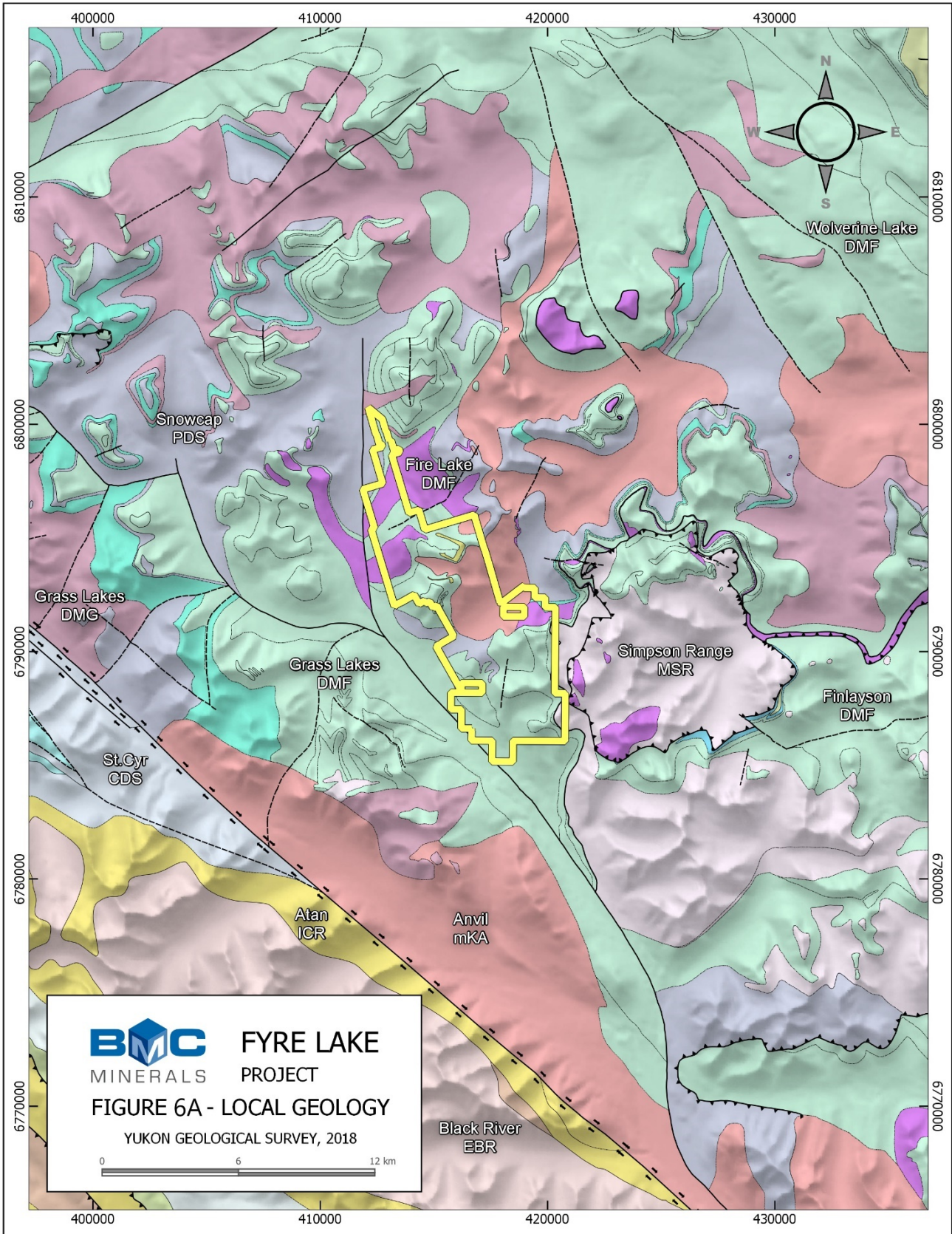
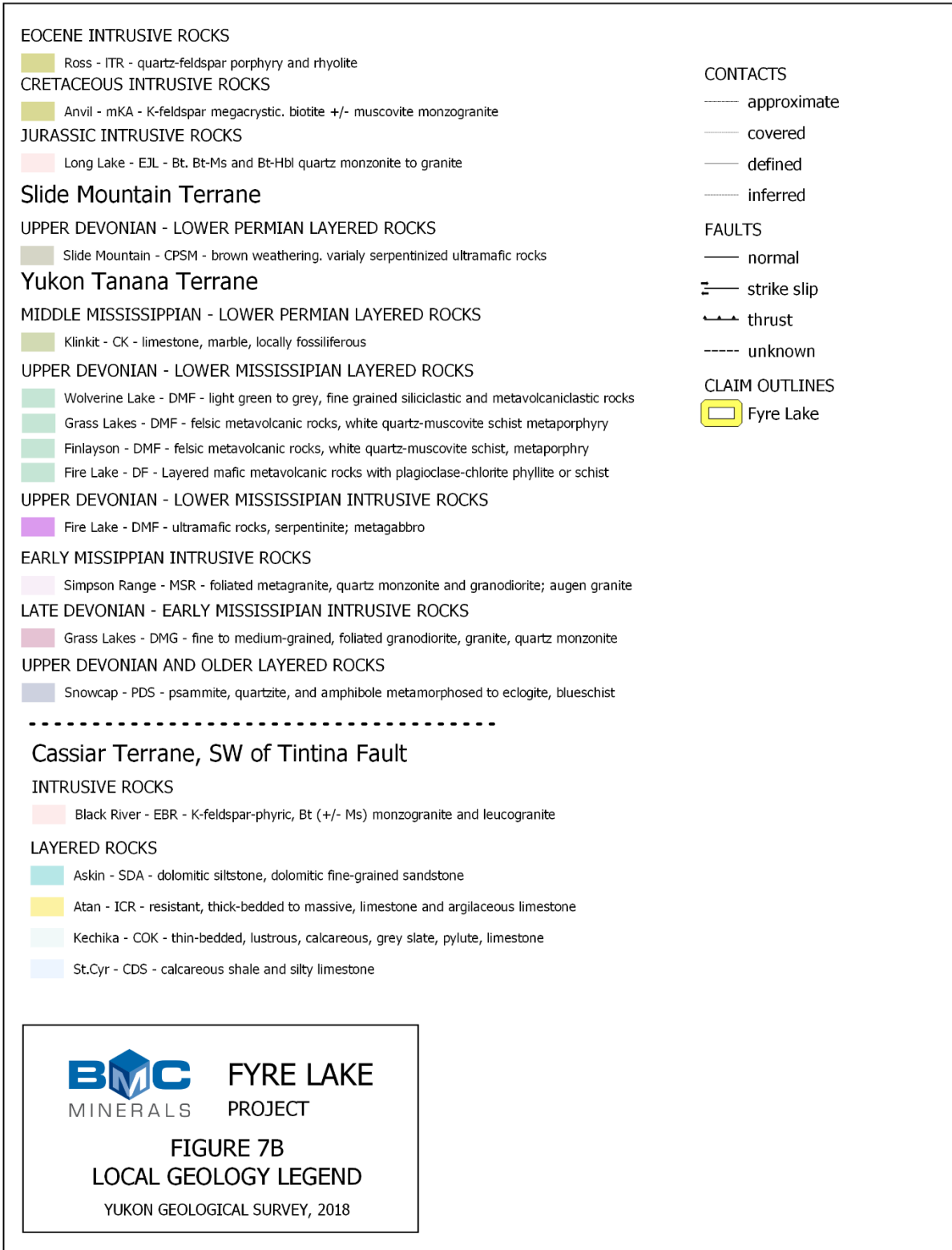


Figure 6a: Local geology of the Fyre Lake Property from the Yukon Geological Survey (2018).



**Figure 6b:** Legend for local geology of the Fyre Lake Property

## 5.2 Property Geology

The following discussion of the Fyre Lake Property geology is adapted from Blanchflower (2006).

The property is underlain primarily by the Fire Lake mafic metavolcanic unit (**DMmv**) of the Fire Lake formation. The majority of this unit, which hosts the Kona deposit, is made up of intercalated dark green, chlorite-quartz schist, chlorite-actinolite-quartz schist and grey phyllite. The schists and phyllites are underlain by carbonaceous mudstone (herein referred to as the basal mudstone) with a minimum stratigraphic(?) thickness of 50 m. Furthermore, the **DMmv** unit is overlain by a greater than 700 m thick sequence of fine-grained, finely laminated, well foliated, grey to black carbonaceous mudstone, lesser metasilstone and metasandstone, and minor limestone (Kudz Ze Kayah formation) (**MKcp**). The basal carbonaceous mudstone is indistinguishable from similar mudstone in the overlying Kudz Ze Kayah formation except by stratigraphic position and may be associated with the grey to brown biotite-muscovite-quartz rich phyllite of the North River Formation (**PDSst**). Locally, felsic metavolcanic rocks overlie the upper carbonaceous mudstone. The dominant foliation is parallel to compositional layering and dips shallowly eastward; lineations plunge shallowly to the southeast, parallel to the trend of mineralization at about 130° (Deighton and Foreman, 1997).

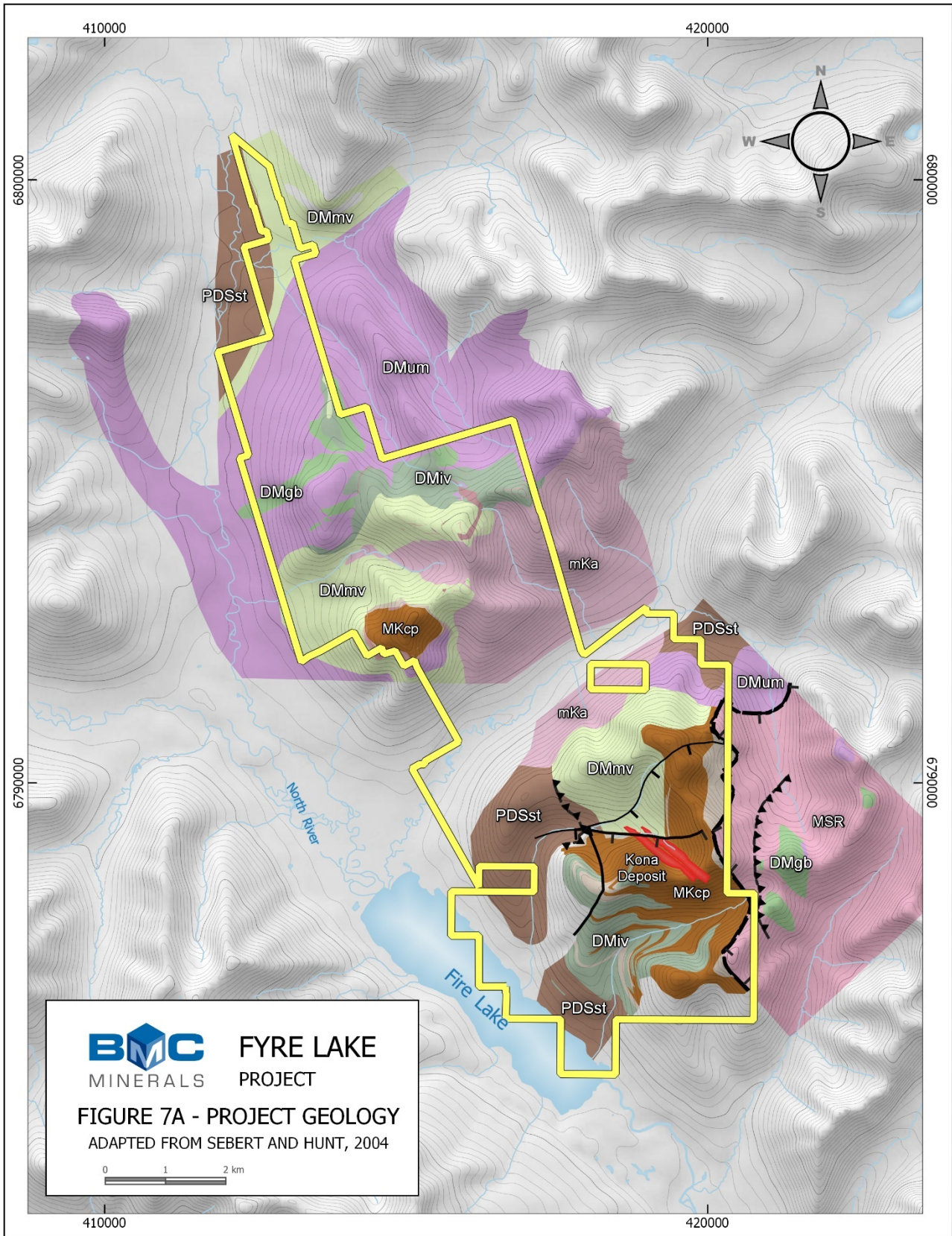
Schistose host rocks to the mineralization are interpreted as a succession of mafic (**DMmv**) to intermediate (**DMiv**) flows and tuffs with intercalated volcanoclastic and volcanically derived fine-grained sedimentary rocks (Deighton and Foreman, 1997; Foreman, 1998). The strata are part of a regionally persistent chlorite schist and phyllite unit (Fire Lake formation), spatially associated with voluminous mafic (**DMgb**) and ultramafic (**DMum**) intrusive rocks (Murphy, 1998; Murphy and Piercey, 1999b). Murphy (1998) interprets the ultramafic rocks as sills, fed by dykes which intruded along a syn-sedimentary fault (not preserved). This fault is inferred to have formed the northeast side of the basin in which the Kona massive sulphide deposit formed. Other intrusive rock observed include the Simpson Range plutonic suite (**MSR**), a foliated quartz monzonite and granodiorite intrusive exposed to the east of south of the deposit and a voluminous biotite-muscovite granite of the Anvil plutonic suite (**mKa**) located in the northern portion of the property.

The basal mudstone outcrops in Kona creek and was intersected in the Kona Zone in drill hole 97-97 which terminated in metasedimentary rocks beneath mafic volcanoclastic rocks (Foreman, 1998). It is not clear if the carbonaceous mudstone is structurally juxtaposed or if it represents a separate unit. Its presence as a separate stratigraphic unit would suggest that local faulting likely controlled sedimentation. Such a fault may also have acted as a conduit for mineralising hydrothermal solutions (Hunt and Murphy, 1998; Murphy, 1998).

Early descriptions of the Fyre Lake Property (cf. Stroshein, 1991) suggest the overlying Kudz Ze Kayah metasedimentary rocks are thrust over the underlying mafic metavolcanic rocks, however, later mapping found no evidence for a thrust fault contact (Blanchflower, 2006). The contact between the Fire Lake mafic metavolcanics unit and Kudz Ze Kayah metasedimentary rocks appears to be transitional and is marked by an interval of intercalated quartz-biotite ± chlorite and chlorite ± biotite ± quartz schist 6 to 200 m thick. This schist unit thickens to the west and is included within the Fire Lake formation previously described by Foreman (1998) as a zone of inter-fingering terrigenous sediments and volcanically derived sediments and/or flows.

Figure 7 (after Hunt, 2004) illustrate the bedrock geology of Fyre Lake Property





**Figure 7a:** Geology of the Fyre Lake claims, adapted from Sebert and Hunt (2004) and compiled from True North Gems 2006 bedrock mapping.


## Property Geology


### Cretaceous

 mKA : Anvil- K-feldspar megacrystic. biotite +/- muscovite monzogranite

 MSR: Simpson Range - fine to medium-grained, foliated granodiorite, quartz monzonite

### Kudz Ze Kayah fm


 MKq: Quartzite

 MKcp: Carbonaceous Mudstone

### Fire Lake fm

 DMiv: Intermediate Volcaniclastics

 DMmv: Mafic Volcaniclastics


 DMgb: Gabbro

 DMum: Ultramafic Intrusive

### North River fm

 PDSst: Quartz-feldspar Sandstone

### Mineralization


 Kona Deposit

### Claim Outlines

 Fyre Lake

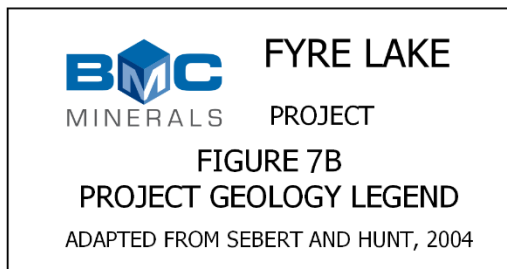
### Structure

 Inferred Thrust Fault

 Mapped Steep Fault

 Mapped Normal Fault

 North River Fault



**Figure 7b:** Geological legend for the Fyre Lake claims



### 5.3 Mineralization

The following section is modified from Blanchflower (2006).

#### *East Kona Zone – Lower Horizon*

The East Kona zone lower horizon (EKZlh) occurs over a strike length of at least 870 m and is between 100 and 150 m wide. Composition of the northern portion varies from bottom to top (Foreman, 1998). The lower part is made up of 65 to 75% massive sulphide with 25 to 35% discontinuous, thin (average 1 m thick) massive magnetite layers. The sulphide mineralization is dominantly made up of layers of fine- to medium grained pyrite with 3 m to 6 m thick local concentrations of chalcopyrite and pyrrhotite which occur as 2-10 cm thick bands. The upper 0.5-1.5 m of the sulphide mineralization is predominantly comprised of pyrite with 2 to 6% sphalerite, locally concentrated into 1-2 cm thick bands. The core consists of massive, fine grained, magnetite-rich layers with about 5% pyrite + chalcopyrite, in a carbonate and/or quartz groundmass. The upper part is predominantly massive, fine- to medium-grained pyrite with 3 to 5% chalcopyrite (Blanchflower, 2006).

The southern portion of the EKZlh also varies in composition from top to bottom. It is similar in appearance to the northern portion, except that locally the lower sulphide portion contains 0.5-3 m thick layers of banded semi-massive (rather than massive) sulphide mineralization, and disseminated to semi-massive banded magnetite, rather than massive magnetite, overlies the sulphide mineralization (Foreman, 1998).

#### *East Kona Zone – Upper Horizon*

East Kona zone upper horizon (EKZuh) mineralization occurs above the lower horizon and is separated from it by approximately 40 to 70 m of chlorite schist. The upper horizon occurs immediately below the contact between overlying metasedimentary (Carbonaceous Mudstones) and underlying mafic metavolcanic strata of the Fire Lake formation. The base of the upper horizon is evident in Kona Creek as boxwork-textured, siliceous grey to white boulders/subcrop. This horizon has a strike length of at least 630 m, is between 100 and 150 m wide (Foreman, 1998), and has average thicknesses of 8 to 12 m (Deighton and Foreman, 1997). The central portion is the thickest part (Foreman, 1998). The upper horizon is fairly consistent throughout and has been divided into lower, middle and upper layers as below (Foreman, 1998).

The lower layer is an average of 7 m thick (maximum 17 m) and is made up dominantly of metavolcanics rocks and magnetite; the sulphide content is below 10%. Throughout the lower layer finer-grained (< 1 mm) magnetite is concentrated into 1-10 mm thick bands and occurs within 2-20 mm thick grey siliceous bands. The sulphides in the lower layer occur predominantly as < 1-4 mm long irregular wisps and blebs. The lower layer is overlain by a 3-8 m thick middle layer made up of 1-25 cm thick bands of sulphides and quartz within foliated dark green metavolcanic strata. The middle layer contains 30 to 60% sulphides, dominantly made up of chalcopyrite, with lesser pyrite and pyrrhotite occurring as irregular wisps and blebs. Subhedral to euhedral magnetite porphyroblasts occur throughout the surrounding metavolcanics rocks. The middle layer is overlain by a 1-4 m thick upper layer made up primarily of massive, fine- to medium-grained pyrite, with 2 to 7% very fine-grained chalcopyrite and minor pyrrhotite and sphalerite.

Mineralization of the upper horizon changes to the southeast (down-plunge) where it is dominated by bands of pyrrhotite with 1 to 10% chalcopyrite in chlorite-quartz schist. In addition, the banded magnetite that underlies the upper horizon thickens locally to the southeast to a maximum of 24 m.

#### *West Kona Zone*

West Kona zone (WKZ) mineralization occurs immediately below the contact between metasedimentary and mafic metavolcanic rocks at the same stratigraphic level as EKZuh mineralization. The WKZ and the EKZuh are interpreted to be separated from one another by a reverse fault (Figure 8). The WKZ has a strike length of at least 1,420 m and an inferred width of 75 to 125 m (Foreman, 1998). The thickness of the mineralization varies across this width from about 44 m in the east to less than 1 m at the western margin; the thickness also varies along strike.

WKZ mineralization is markedly different from that of the EKZ in that it has dominantly siliceous gangue minerals. Greater than 80% of the WKZ is made up of siliceous, dominantly fine-grained, disseminated to

banded magnetite, with lesser pyrite, chalcopyrite and pyrrhotite mineralization. However, it does change laterally to the west to become true massive sulphide mineralization (Foreman, 1998). In the western part of the WKZ, the percentage of sulphides within the zone increases to >80% and the mineralization is dominantly made up of fine- to medium grained pyrite, with lesser fine-grained interstitial chalcopyrite and minor sphalerite, and a noticeable lack of pyrrhotite. The massive sulphides contain 1-10% quartz as blebs. At its western margin, the West Kona zone is less than 1 m thick and is composed dominantly of massive pyrrhotite with about 5% blebs and fracture fillings of pyrite and chalcopyrite.

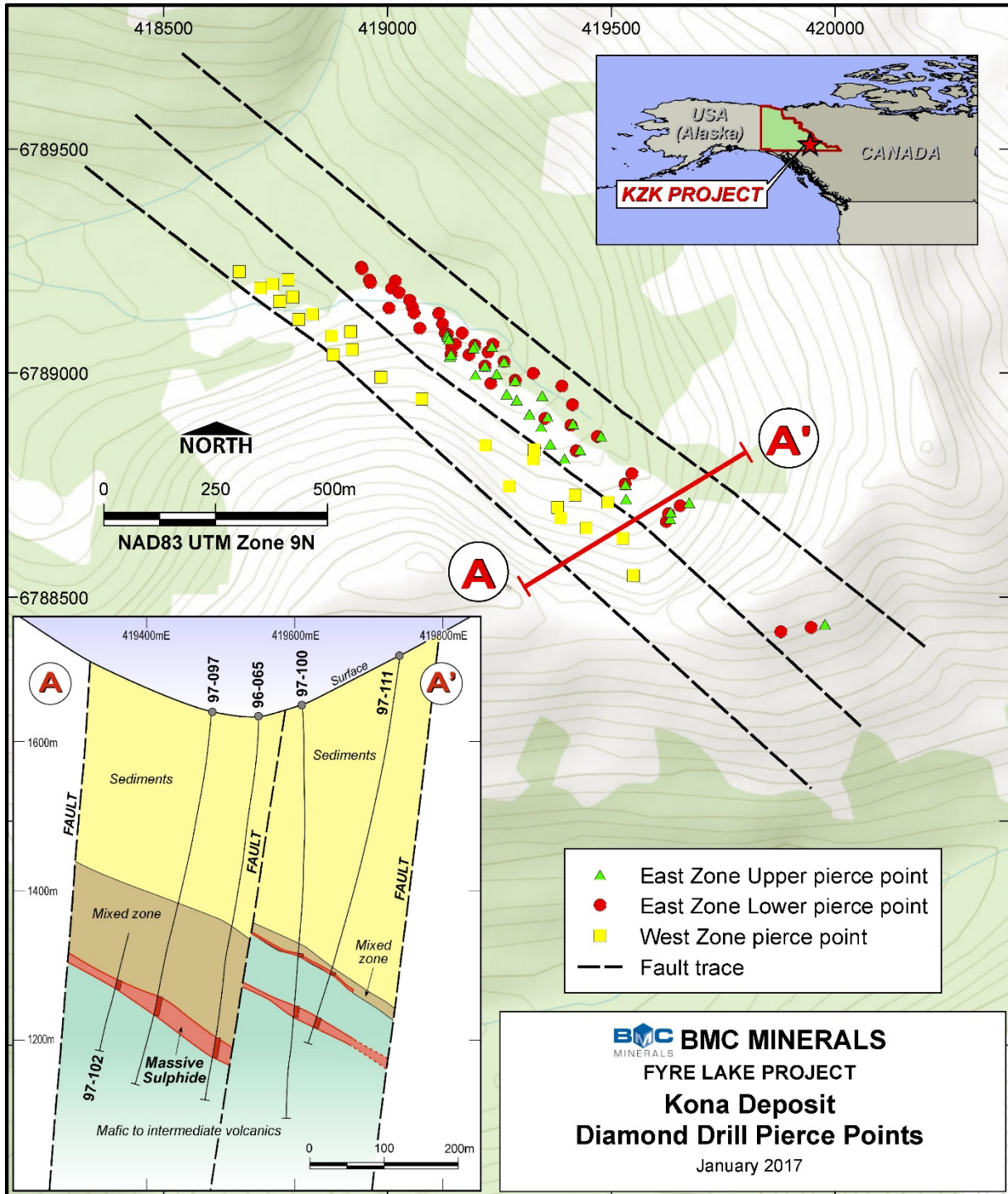


Figure 8: Plan and cross section view of the Kona deposit

## 6.0 Exploration

Work in 2019 consisted of prospecting, mapping and rock sampling program throughout the property over a five-day period from July 23<sup>rd</sup> to July 27<sup>th</sup>. Access to the property was via daily helicopter set outs from the Kudz Ze Kayak camp 30 km to the north. The aim of the program was to verify historic data compiled the previous year as well as locate and describe in detail several historic prospects on the property. Additionally, field geologists reconciled several sets of historic outcrop mapping for use in a single current property scale bedrock map.

Twenty-three rock samples were collected for geochemical analysis, with photographs taken, location recorded with a GPS, and field location marked with an aluminium tag. All samples were submitted to SGS Vancouver in Burnaby, BC, an ISO 9001:2008 certified laboratory (accredited laboratory No. 744). Analysis included:

- LOG02: Pre-preparation processing, sorting, logging, boxing, etc.
- PRP89: Weigh, dry, crush to 75% passing 2 mm, split 250 g, pulverize to 85% passing 75 µm
- GE ICM90A: Sodium peroxide fusion/combined ICP-AES and ICP-MS package (56 elements; trace elements); useful for digesting refractory minerals (i.e., spinel, zircon, etc.)
- GE FAA313: 30 g, Fire assay, AAS finish for Au
- GO-CP90Q: Sodium peroxide fusion/ICP-AES package (for over limit Zn; n = 1)



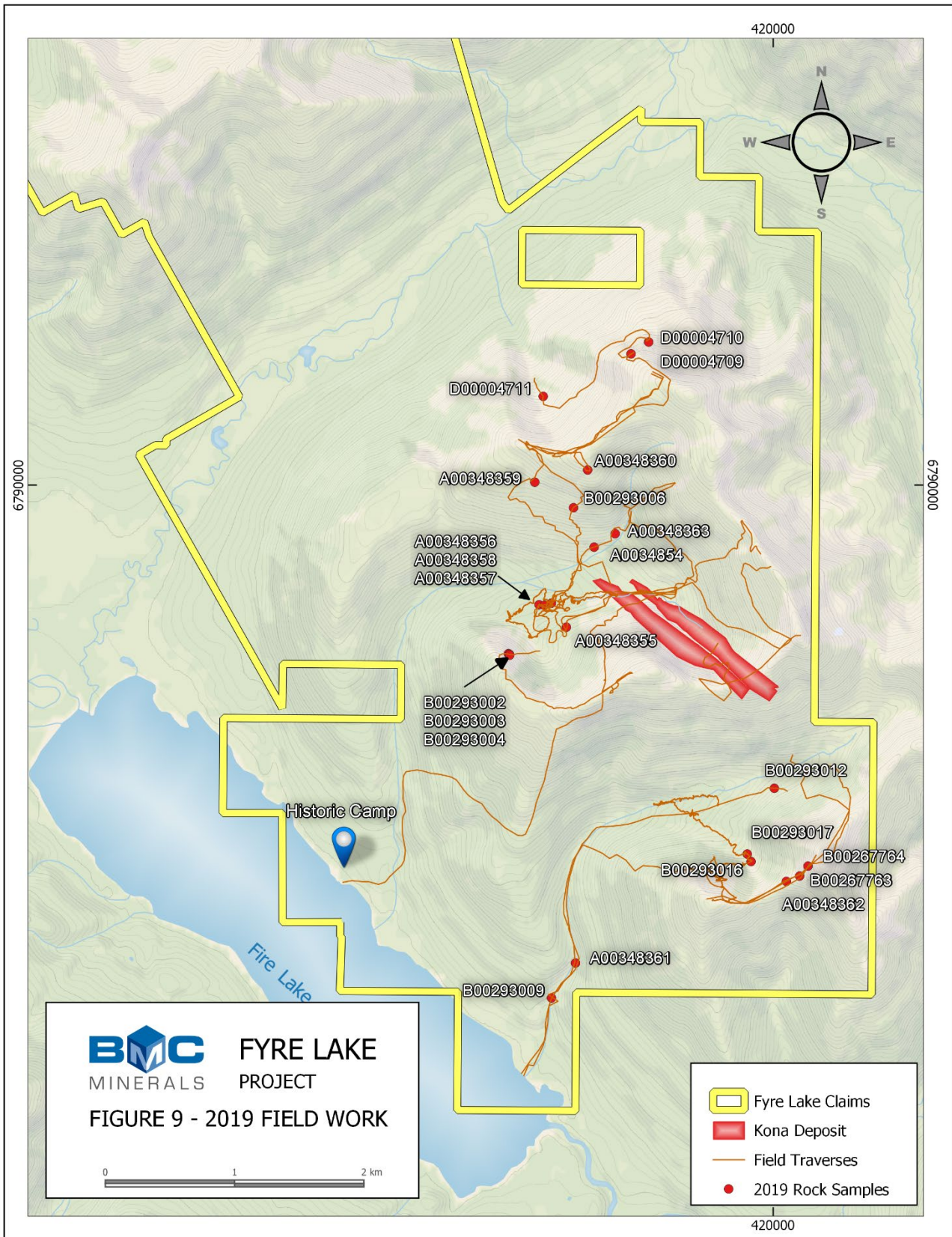


Figure 9:1:35,000 location map of field traverse and rock sample taken during the 2019 program through the Fyre Lake property.

## 6.1 Field Prospecting

Geologists from BMC and Equity Exploration Consultants (“Equity”) completed a five-day prospecting and data verification field program at the Fyre Lake property in July 2019. The aim of the program was to verify, and document prospects and targets areas generated from historically compiled data completed during the previous year. Additionally, field geologists were tasked to confirm and make note on historical outcrop mapping that was used to generate the property scale bedrock geology map by Sebert *et al.*, 2004 as well as any significant structural observations proximal to the Kona Deposit. A total of 43.55-line km’s of prospecting was completed during the program (Figure 9).

During the field program, 23 rock samples were collected throughout the property predominately from various historical prospects and submitted to SGS lab for multi-element analysis. Several samples returned encouraging results, either confirming historical prospects or highlighting new areas of mineralization.

**Table 2:** Summary Table of anomalous rock samples collected during the 2019 field prospecting program.

Sample ID	Prospect	Prospect Type	Sample Type	Easting	Northing	Au g/t	Ag g/t	Cu %	Co ppm	Pb %	Zn %
A00348354	North Fork 1	Historic	Float	418616	6789521	0.04	4	0.94	44.4	0.00	0.00
A00348356	Kailua	New	Float	418191	6789076	1.40	11.9	1.37	44.9	0.00	0.13
A00348357	Kailua	New	Float	418232	6789071	0.04	6.5	3.36	573	0.00	0.03
A00348358	Kailua	New	Float	418286	6789088	1.77	8.6	3.73	1828	0.00	3.00
B00267763	13	Historic	Grab	420205	6786979	0.10	23.7	0.02	30.9	1.81	2.31
B00293009	Lower Outfitter Creek	New	Float	418287	6786040	0.33	1.2	0.87	1214	0.00	0.00
B00293016	13	Historic	Float	419829	6787091	0.29	59.4	0.14	45.9	2.03	12.60
B00293017	13	Historic	Float	419800	6787150	1.83	13.6	0.09	10.6	0.03	0.06
D00004709	J Zone	Historic	Grab	418902	6791010	0.09	4.2	1.36	64	0.00	0.01
D00004711	F Zone	Historic	Float	418222	6790686	0.45	1.3	0.17	381	0.00	0.01

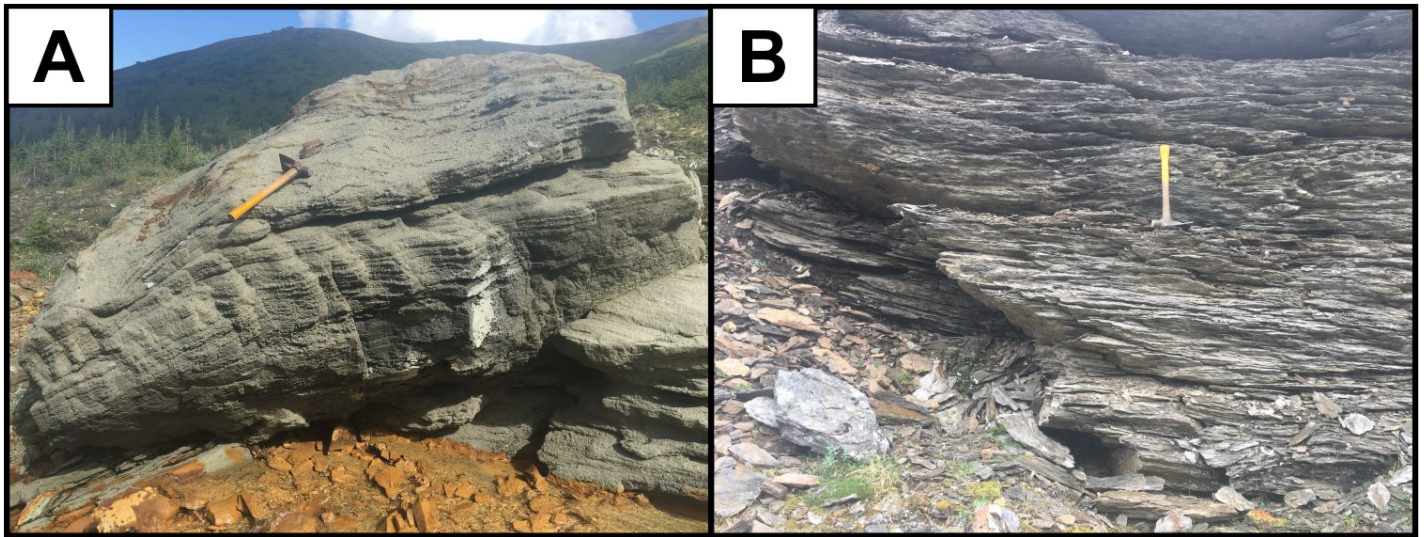
## 6.2 Structural Observations

High level structural mapping and overview through the Fyre Lake property outlined several outcrop-scale structural elements suggesting the area has been subject to at least two deformation events. The early deformation (D1) is evident from a conjunctive and penetrative cleavage indicative of a more ductile deformation event. These early structures are locally disrupted by disjunctive widely spaced fractures suggesting a later, brittle-style deformation event (D2).

### 6.2.1 Early Deformation (D1)

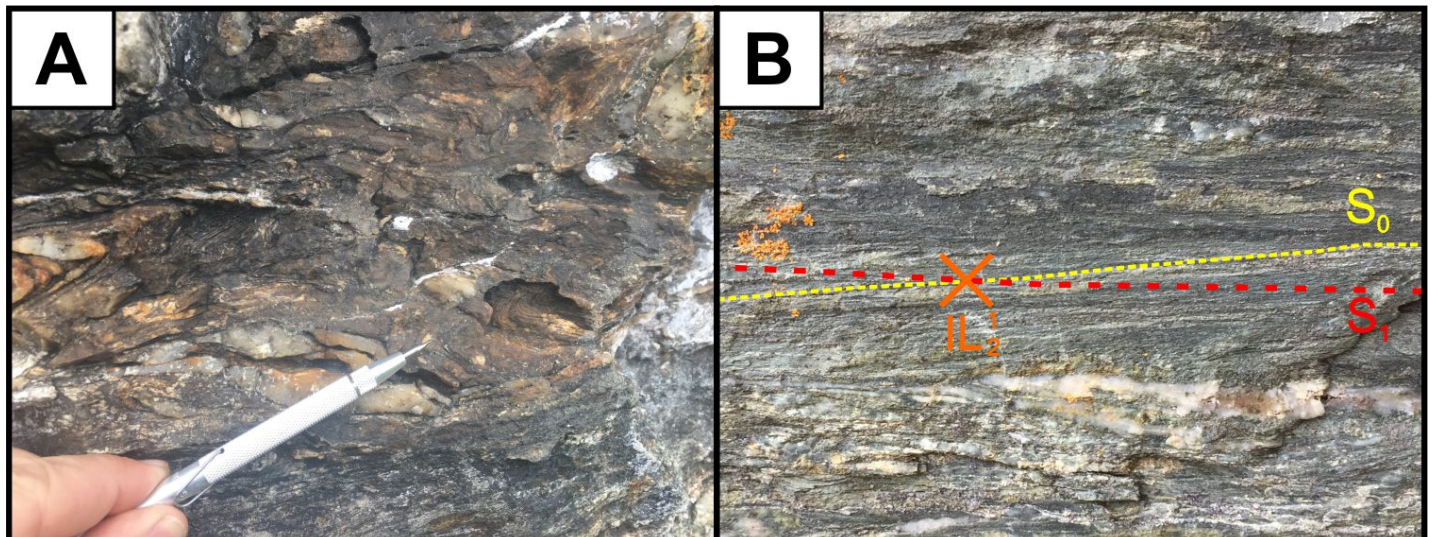
All units underlying the Fyre Lake property are deformed by a bedding-concordant, penetrative foliation or cleavage (Figure 10). The intensity of this foliation varies according to bulk composition and abundance of phyllosilicate minerals within the rock. This may result in rocks that are more felsic exhibiting a more pervasive foliation and therefore may appear “more strongly deformed” compared with a mafic volcanic unit. This foliation is herein referred to as S1 and has developed in response to an early deformation event (D1) (Burke *et al.*, 2019).





**Figure 10:** Penetrative, layer-concordant tectonic foliation (S1) that is characteristic of all rock types at Fyre Lake. (A) S1 in pyritic massive sulfide illustrating pervasive deformation of the massive sulfide lens; (B) typical mixed zone exposure showing well-developed, shallowly-dipping, penetrative S1 foliation.

Linear structures attributed to D1 include localized, generally cm-scale intrafolial folds (F1) as well as intersection lineation defined by the generally low-angle intersection of S1 with primary (S0) bedding planes (Figure 11). The occurrence of intrafolial folds is indicative of shearing but this is interpreted as a layer-concordant, localized phenomenon as no evidence for significant displacement of primary stratigraphic layers was observed. Moreover, stratigraphy is similarly continuous and persistent at the property-scale (Burke *et al*, 2019).



**Figure 11:** Small-scale D1 deformation structural elements. (A) centimetre-scale intrafolial folds within the mixed zone. Folds are defined by dismembered and transposed quartz veins and by fine laminations (bedding). These fold structures seem to be localized to areas which experienced some shearing but this appears to be restricted to bedding/ foliation concordant layers (i.e. shear zones are generally parallel to bedding); (B) S1 is concordant with bedding but on a small-scale, we observed several examples where S1 cuts bedding at a low angle. The intersection of these two planes was recorded as the bedding/cleavage intersection lineation.

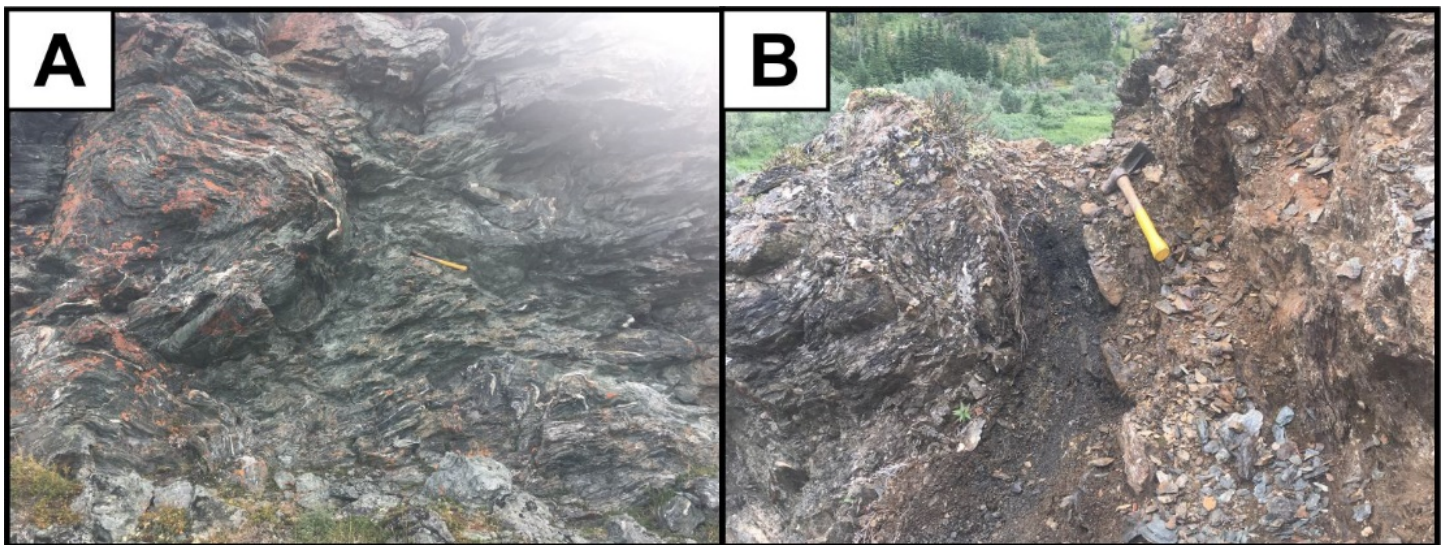


### Structures Formed by D2 Deformation

Whereas D1 foliation and folds are characteristically ductile in style, a series of over-printing, localized, more brittle style structures are assigned to D2 deformation. The most conspicuous D2 structure observable in outcrop is a crenulation of S1 (Figure 12). These low amplitude folds are highly localized and typically occur within several metres of brittle-style faults (Figure 13). This association demonstrates that these folds are simply related to deformation in wall rock near the deposit area adjacent to the faults and did not form in response to a property-wide stress field (Burke *et al*, 2019).



**Figure 12:** F2 fold axes on S1 foliation surface. The “ribbed” lineation is the bedding/cleavage intersection lineation which has been folded about F2. Darker bands are magnetite alteration which are common near the Kona massive sulfide surface exposure.



**Figure 13:** Brittle style faults characterized by fault gouge and fault breccia (B) and by locally chaotic folding of S1 (A) in the adjacent wallrock.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

The 2019 work program on the Fyre Lake Property consisted of a five-day field prospecting and ground truthing program aimed to verify previously compiled historical data ranging from outcrop mapping and geochemical sampling.

The program was successful in confirming multiple historic prospects through the property through supporting geochemical sampling and geological observations. The exercise has also built on the understanding of the underlying geology throughout the property and potential structural controls to the mineralization. In order to progress the project, the following is recommended:

- Continued re-boxing (persevering) and re-logging historic core not only from the immediate deposit area, but regionally as well with the aim of building a robust geological model.
- Physical property measurement on the various lithology and mineralization type found on the property. Result will aim in geophysical characterisation of these unit and aid in any reprocessing or design of geophysical surveys.
- Prospects scale bedrock mapping on priority prospects to better understand any structural controls to mineralization that may aim in drill hole targeting.
- Additional soil sampling through prospective regions previous not covered by historical soil programs.

Expanding current resources and discovering additional nearby mineralization is key to the success of the project and continued exploration on priority targets as outlined is recommended.

Respectfully submitted,

*Signed and sealed: "Robert Burke"*

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Robert Burke

BMC MINERALS (NO.1) LTD.

Vancouver, British Columbia

Date: January 8<sup>th</sup>, 2020



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**APPENDIX B: Statement of Expenditures**

**Table B-1: Expenditure statement for the 2019 work program on the Fyre Lake Property**

<b>Wages</b>	<b>Units</b>	<b>Rate</b>	<b>Cost</b>
Equity Wages			
2 x Project Geologist	14.65	\$750.00	\$10,987.50
BMC Wages			
2 x Senior Geologist	10.63	\$750.00	\$7,972.50
<b>Total</b>			<b>\$18,960.00</b>
<b>Field / camp expenses</b>			
Camp	7	\$4,355.83	\$30,490.81
Travel and material			\$836.55
<b>Total</b>			<b>\$31,327.36</b>
<b>Rental Equipment</b>			
XRF Rental	1	\$5,774.08	\$ 5,774.08
Equity Equipment Rental			
Field Computers	23	\$20	\$460
Satellite Phone	2	\$75	\$150
Micromine	7	\$50	\$350
<b>Total</b>			<b>\$6,734.08</b>
<b>Materials and Expenses</b>			
Helicopter	5	\$1,217.20	\$ 6,086.00
SGS Analytical	23	\$50.05	\$ 1,151.15
<b>Reporting</b>			
Assessment Report			\$ 3,000.00
<b>Total</b>			<b>\$67,258.59</b>

## APPENDIX C: Claim Data

### Fyre Lake Project: Group 1 Claims

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YA56602	Quartz	Q	Active	KONA 43	KONA	43	PACIFIC RIDGE EXPLORATION LTD. - 100%	1980-08-25	1980-09-09	2028-09-09	Watson Lake
YA56603	Quartz	Q	Active	KONA 44	KONA	44	PACIFIC RIDGE EXPLORATION LTD. - 100%	1980-08-25	1980-09-09	2028-09-09	Watson Lake
YA56604	Quartz	Q	Active	KONA 45	KONA	45	PACIFIC RIDGE EXPLORATION LTD. - 100%	1980-08-25	1980-09-09	2028-09-09	Watson Lake
YA56605	Quartz	Q	Active	KONA 46	KONA	46	PACIFIC RIDGE EXPLORATION LTD. - 100%	1980-08-25	1980-09-09	2028-09-09	Watson Lake
YB33749	Quartz	Q	Active	FIRE 2	FIRE	2	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33751	Quartz	Q	Active	FIRE 4	FIRE	4	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33753	Quartz	Q	Active	FIRE 6	FIRE	6	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33759	Quartz	Q	Active	FIRE 12	FIRE	12	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33761	Quartz	Q	Active	FIRE 14	FIRE	14	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33766	Quartz	Q	Active	FIRE 19	FIRE	19	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33767	Quartz	Q	Active	FIRE 20	FIRE	20	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33768	Quartz	Q	Active	FIRE 21	FIRE	21	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33770	Quartz	Q	Active	FIRE 23	FIRE	23	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33773	Quartz	Q	Active	FIRE 26	FIRE	26	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33775	Quartz	Q	Active	FIRE 28	FIRE	28	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33776	Quartz	Q	Active	FIRE 29	FIRE	29	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33778	Quartz	Q	Active	FIRE 31	FIRE	31	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-17	1990-12-31	2028-12-31	Watson Lake
YB33795	Quartz	Q	Active	FIRE 48	FIRE	48	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33796	Quartz	Q	Active	FIRE 49	FIRE	49	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33797	Quartz	Q	Active	FIRE 50	FIRE	50	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33798	Quartz	Q	Active	FIRE 51	FIRE	51	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33799	Quartz	Q	Active	FIRE 52	FIRE	52	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33800	Quartz	Q	Active	FIRE 53	FIRE	53	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33801	Quartz	Q	Active	FIRE 54	FIRE	54	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33802	Quartz	Q	Active	FIRE 55	FIRE	55	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33803	Quartz	Q	Active	FIRE 56	FIRE	56	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YB33804	Quartz	Q	Active	FIRE 57	FIRE	57	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33805	Quartz	Q	Active	FIRE 58	FIRE	58	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33806	Quartz	Q	Active	FIRE 59	FIRE	59	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33807	Quartz	Q	Active	FIRE 60	FIRE	60	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-15	1990-12-31	2028-12-31	Watson Lake
YB33820	Quartz	Q	Active	FIRE 73	FIRE	73	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33821	Quartz	Q	Active	FIRE 74	FIRE	74	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33822	Quartz	Q	Active	FIRE 75	FIRE	75	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33823	Quartz	Q	Active	FIRE 76	FIRE	76	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33824	Quartz	Q	Active	FIRE 77	FIRE	77	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33826	Quartz	Q	Active	FIRE 79	FIRE	79	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33828	Quartz	Q	Active	FIRE 81	FIRE	81	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-14	1990-12-31	2028-12-31	Watson Lake
YB33878	Quartz	Q	Active	FIRE 131	FIRE	131	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-16	1990-12-31	2028-12-31	Watson Lake
YB33879	Quartz	Q	Active	FIRE 132	FIRE	132	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-16	1990-12-31	2028-12-31	Watson Lake
YB33880	Quartz	Q	Active	FIRE 133	FIRE	133	PACIFIC RIDGE EXPLORATION LTD. - 100%	1990-12-16	1990-12-31	2028-12-31	Watson Lake
YB70474	Quartz	Q	Active	GOAL 204	GOAL	204	BMC Minerals (No.1) Ltd. - 100%	1995-09-28	1995-10-13	2035-03-17	Watson Lake
YB76789	Quartz	Q	Active	GOAL 213	GOAL	213	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76790	Quartz	Q	Active	GOAL 214	GOAL	214	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76791	Quartz	Q	Active	GOAL 215	GOAL	215	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76792	Quartz	Q	Active	GOAL 216	GOAL	216	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76793	Quartz	Q	Active	GOAL 217	GOAL	217	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76794	Quartz	Q	Active	GOAL 218	GOAL	218	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76795	Quartz	Q	Active	GOAL 219	GOAL	219	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76796	Quartz	Q	Active	GOAL 220	GOAL	220	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76797	Quartz	Q	Active	GOAL 221	GOAL	221	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76798	Quartz	Q	Active	GOAL 222	GOAL	222	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76799	Quartz	Q	Active	GOAL 223	GOAL	223	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76800	Quartz	Q	Active	GOAL 224	GOAL	224	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76801	Quartz	Q	Active	GOAL 225	GOAL	225	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake



grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YB76802	Quartz	Q	Active	GOAL 226	GOAL	226	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76803	Quartz	Q	Active	GOAL 227	GOAL	227	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76804	Quartz	Q	Active	GOAL 228	GOAL	228	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76805	Quartz	Q	Active	GOAL 229	GOAL	229	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76806	Quartz	Q	Active	GOAL 230	GOAL	230	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76809	Quartz	Q	Active	GOAL 233	GOAL	233	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76810	Quartz	Q	Active	GOAL 234	GOAL	234	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76811	Quartz	Q	Active	GOAL 235	GOAL	235	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76812	Quartz	Q	Active	GOAL 236	GOAL	236	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76813	Quartz	Q	Active	GOAL 237	GOAL	237	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76814	Quartz	Q	Active	GOAL 238	GOAL	238	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76815	Quartz	Q	Active	GOAL 239	GOAL	239	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76816	Quartz	Q	Active	GOAL 240	GOAL	240	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76817	Quartz	Q	Active	GOAL 241	GOAL	241	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76818	Quartz	Q	Active	GOAL 242	GOAL	242	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76819	Quartz	Q	Active	GOAL 243	GOAL	243	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76820	Quartz	Q	Active	GOAL 244	GOAL	244	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76821	Quartz	Q	Active	GOAL 245	GOAL	245	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76822	Quartz	Q	Active	GOAL 246	GOAL	246	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76823	Quartz	Q	Active	GOAL 247	GOAL	247	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76824	Quartz	Q	Active	GOAL 248	GOAL	248	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76825	Quartz	Q	Active	GOAL 249	GOAL	249	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76826	Quartz	Q	Active	GOAL 250	GOAL	250	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76828	Quartz	Q	Active	GOAL 252	GOAL	252	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76829	Quartz	Q	Active	GOAL 253	GOAL	253	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76830	Quartz	Q	Active	GOAL 254	GOAL	254	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76831	Quartz	Q	Active	GOAL 255	GOAL	255	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76832	Quartz	Q	Active	GOAL 256	GOAL	256	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YB76833	Quartz	Q	Active	GOAL 257	GOAL	257	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76834	Quartz	Q	Active	GOAL 258	GOAL	258	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76835	Quartz	Q	Active	GOAL 259	GOAL	259	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76836	Quartz	Q	Active	GOAL 260	GOAL	260	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76837	Quartz	Q	Active	GOAL 261	GOAL	261	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76838	Quartz	Q	Active	GOAL 262	GOAL	262	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76839	Quartz	Q	Active	GOAL 263	GOAL	263	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76840	Quartz	Q	Active	GOAL 264	GOAL	264	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76841	Quartz	Q	Active	GOAL 265	GOAL	265	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76842	Quartz	Q	Active	GOAL 266	GOAL	266	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76843	Quartz	Q	Active	GOAL 267	GOAL	267	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76844	Quartz	Q	Active	GOAL 268	GOAL	268	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76845	Quartz	Q	Active	GOAL 269	GOAL	269	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76846	Quartz	Q	Active	GOAL 270	GOAL	270	BMC Minerals (No.1) Ltd. - 100%	1996-02-12	1996-02-20	2035-03-17	Watson Lake
YB76860	Quartz	Q	Active	GOAL 304	GOAL	304	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76861	Quartz	Q	Active	GOAL 305	GOAL	305	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76862	Quartz	Q	Active	GOAL 306	GOAL	306	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76863	Quartz	Q	Active	GOAL 307	GOAL	307	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76864	Quartz	Q	Active	GOAL 308	GOAL	308	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76865	Quartz	Q	Active	GOAL 309	GOAL	309	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76866	Quartz	Q	Active	GOAL 310	GOAL	310	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76867	Quartz	Q	Active	GOAL 311	GOAL	311	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76868	Quartz	Q	Active	GOAL 312	GOAL	312	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76869	Quartz	Q	Active	GOAL 313	GOAL	313	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76870	Quartz	Q	Active	GOAL 314	GOAL	314	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76871	Quartz	Q	Active	GOAL 315	GOAL	315	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76872	Quartz	Q	Active	GOAL 316	GOAL	316	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76873	Quartz	Q	Active	GOAL 317	GOAL	317	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YB76874	Quartz	Q	Active	GOAL 318	GOAL	318	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB76875	Quartz	Q	Active	GOAL 319	GOAL	319	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-20	2035-03-17	Watson Lake
YB77164	Quartz	Q	Active	GOAL 283	GOAL	283	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77165	Quartz	Q	Active	GOAL 284	GOAL	284	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77166	Quartz	Q	Active	GOAL 285	GOAL	285	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77167	Quartz	Q	Active	GOAL 286	GOAL	286	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77168	Quartz	Q	Active	GOAL 287	GOAL	287	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77169	Quartz	Q	Active	GOAL 288	GOAL	288	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77170	Quartz	Q	Active	GOAL 289	GOAL	289	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77171	Quartz	Q	Active	GOAL 290	GOAL	290	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77172	Quartz	Q	Active	GOAL 291	GOAL	291	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77173	Quartz	Q	Active	GOAL 292	GOAL	292	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77174	Quartz	Q	Active	GOAL 293	GOAL	293	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77175	Quartz	Q	Active	GOAL 294	GOAL	294	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77176	Quartz	Q	Active	GOAL 295	GOAL	295	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77177	Quartz	Q	Active	GOAL 296	GOAL	296	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77178	Quartz	Q	Active	GOAL 297	GOAL	297	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77179	Quartz	Q	Active	GOAL 298	GOAL	298	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77180	Quartz	Q	Active	GOAL 299	GOAL	299	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77181	Quartz	Q	Active	GOAL 300	GOAL	300	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77182	Quartz	Q	Active	GOAL 301	GOAL	301	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77183	Quartz	Q	Active	GOAL 302	GOAL	302	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB77184	Quartz	Q	Active	GOAL 303	GOAL	303	BMC Minerals (No.1) Ltd. - 100%	1996-02-13	1996-02-21	2035-03-17	Watson Lake
YB86834	Quartz	Q	Active	FIRE 195	FIRE	195	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-07-25	1996-08-14	2029-08-14	Watson Lake
YB88869	Quartz	Q	Active	EMBER 62	EMBER	62	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88870	Quartz	Q	Active	EMBER 63	EMBER	63	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88871	Quartz	Q	Active	EMBER 64	EMBER	64	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88872	Quartz	Q	Active	EMBER 65	EMBER	65	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake



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YB88873	Quartz	Q	Active	EMBER 66	EMBER	66	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88874	Quartz	Q	Active	EMBER 67	EMBER	67	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88875	Quartz	Q	Active	EMBER 68	EMBER	68	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88876	Quartz	Q	Active	EMBER 69	EMBER	69	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88877	Quartz	Q	Active	EMBER 70	EMBER	70	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88878	Quartz	Q	Active	EMBER 71	EMBER	71	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88879	Quartz	Q	Active	EMBER 72	EMBER	72	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88880	Quartz	Q	Active	EMBER 73	EMBER	73	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88881	Quartz	Q	Active	EMBER 74	EMBER	74	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88882	Quartz	Q	Active	EMBER 75	EMBER	75	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88883	Quartz	Q	Active	EMBER 76	EMBER	76	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88884	Quartz	Q	Active	EMBER 77	EMBER	77	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88885	Quartz	Q	Active	EMBER 78	EMBER	78	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88886	Quartz	Q	Active	EMBER 79	EMBER	79	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88887	Quartz	Q	Active	EMBER 80	EMBER	80	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88888	Quartz	Q	Active	EMBER 81	EMBER	81	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88889	Quartz	Q	Active	EMBER 82	EMBER	82	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88890	Quartz	Q	Active	EMBER 83	EMBER	83	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88891	Quartz	Q	Active	EMBER 84	EMBER	84	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88892	Quartz	Q	Active	EMBER 85	EMBER	85	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88893	Quartz	Q	Active	EMBER 86	EMBER	86	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88894	Quartz	Q	Active	EMBER 87	EMBER	87	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88895	Quartz	Q	Active	EMBER 88	EMBER	88	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88896	Quartz	Q	Active	EMBER 89	EMBER	89	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88897	Quartz	Q	Active	EMBER 90	EMBER	90	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88898	Quartz	Q	Active	EMBER 91	EMBER	91	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88899	Quartz	Q	Active	EMBER 92	EMBER	92	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-26	1996-12-03	2028-12-03	Watson Lake
YB88900	Quartz	Q	Active	EMBER 93	EMBER	93	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake

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YB88901	Quartz	Q	Active	EMBER 94	EMBER	94	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88902	Quartz	Q	Active	EMBER 95	EMBER	95	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88903	Quartz	Q	Active	EMBER 96	EMBER	96	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88904	Quartz	Q	Active	EMBER 97	EMBER	97	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88905	Quartz	Q	Active	EMBER 98	EMBER	98	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2028-12-03	Watson Lake
YB88906	Quartz	Q	Active	EMBER 99	EMBER	99	PACIFIC RIDGE EXPLORATION LTD. - 100%	1996-11-25	1996-12-03	2027-12-03	Watson Lake
YB93280	Quartz	Q	Active	YIR 2	YIR	2	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93281	Quartz	Q	Active	YIR 3	YIR	3	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93282	Quartz	Q	Active	YIR 4	YIR	4	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93283	Quartz	Q	Active	YIR 5	YIR	5	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93284	Quartz	Q	Active	YIR 6	YIR	6	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93285	Quartz	Q	Active	YIR 7	YIR	7	BMC Minerals (No.1) Ltd. - 100%	2001-07-14	2001-07-18	2024-07-18	Watson Lake
YB93485	Quartz	Q	Active	MEG 101	MEG	101	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93486	Quartz	Q	Active	MEG 102	MEG	102	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93487	Quartz	Q	Active	MEG 103	MEG	103	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93488	Quartz	Q	Active	MEG 104	MEG	104	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93489	Quartz	Q	Active	MEG 105	MEG	105	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93490	Quartz	Q	Active	MEG 106	MEG	106	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93491	Quartz	Q	Active	MEG 107	MEG	107	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93492	Quartz	Q	Active	MEG 108	MEG	108	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93493	Quartz	Q	Active	MEG 109	MEG	109	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93494	Quartz	Q	Active	MEG 110	MEG	110	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93495	Quartz	Q	Active	MEG 111	MEG	111	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93496	Quartz	Q	Active	MEG 112	MEG	112	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93497	Quartz	Q	Active	MEG 113	MEG	113	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93498	Quartz	Q	Active	MEG 114	MEG	114	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93499	Quartz	Q	Active	MEG 115	MEG	115	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93500	Quartz	Q	Active	MEG 116	MEG	116	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake

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YB93501	Quartz	Q	Active	MEG 117	MEG	117	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93502	Quartz	Q	Active	MEG 118	MEG	118	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93503	Quartz	Q	Active	MEG 119	MEG	119	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93504	Quartz	Q	Active	MEG 120	MEG	120	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93505	Quartz	Q	Active	MEG 121	MEG	121	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93506	Quartz	Q	Active	MEG 122	MEG	122	BMC Minerals (No.1) Ltd. - 100%	2001-09-01	2001-09-12	2024-03-12	Watson Lake
YB93671	Quartz	Q	Active	STRAW 1	STRAW	1	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93672	Quartz	Q	Active	STRAW 2	STRAW	2	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93673	Quartz	Q	Active	STRAW 3	STRAW	3	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93674	Quartz	Q	Active	STRAW 4	STRAW	4	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93675	Quartz	Q	Active	STRAW 5	STRAW	5	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93676	Quartz	Q	Active	STRAW 6	STRAW	6	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93677	Quartz	Q	Active	STRAW 7	STRAW	7	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93678	Quartz	Q	Active	STRAW 8	STRAW	8	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93679	Quartz	Q	Active	STRAW 9	STRAW	9	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93680	Quartz	Q	Active	STRAW 10	STRAW	10	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93681	Quartz	Q	Active	STRAW 11	STRAW	11	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93682	Quartz	Q	Active	STRAW 12	STRAW	12	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93683	Quartz	Q	Active	STRAW 13	STRAW	13	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93684	Quartz	Q	Active	STRAW 14	STRAW	14	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93685	Quartz	Q	Active	STRAW 15	STRAW	15	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93686	Quartz	Q	Active	STRAW 16	STRAW	16	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93687	Quartz	Q	Active	STRAW 17	STRAW	17	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93688	Quartz	Q	Active	STRAW 18	STRAW	18	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93689	Quartz	Q	Active	STRAW 19	STRAW	19	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93690	Quartz	Q	Active	STRAW 20	STRAW	20	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93691	Quartz	Q	Active	STRAW 21	STRAW	21	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93692	Quartz	Q	Active	STRAW 22	STRAW	22	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake



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YB93693	Quartz	Q	Active	STRAW 23	STRAW	23	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93694	Quartz	Q	Active	STRAW 24	STRAW	24	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93695	Quartz	Q	Active	STRAW 25	STRAW	25	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93696	Quartz	Q	Active	STRAW 26	STRAW	26	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93697	Quartz	Q	Active	STRAW 27	STRAW	27	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93698	Quartz	Q	Active	STRAW 28	STRAW	28	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93699	Quartz	Q	Active	STRAW 29	STRAW	29	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93700	Quartz	Q	Active	STRAW 30	STRAW	30	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93701	Quartz	Q	Active	STRAW 31	STRAW	31	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93702	Quartz	Q	Active	STRAW 32	STRAW	32	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93703	Quartz	Q	Active	STRAW 33	STRAW	33	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93704	Quartz	Q	Active	STRAW 34	STRAW	34	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93705	Quartz	Q	Active	STRAW 35	STRAW	35	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93706	Quartz	Q	Active	STRAW 36	STRAW	36	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93707	Quartz	Q	Active	STRAW 37	STRAW	37	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93708	Quartz	Q	Active	STRAW 38	STRAW	38	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2027-01-08	Watson Lake
YB93709	Quartz	Q	Active	STRAW 39	STRAW	39	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2027-01-08	Watson Lake
YB93710	Quartz	Q	Active	STRAW 40	STRAW	40	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2027-01-08	Watson Lake
YB93711	Quartz	Q	Active	STRAW 41	STRAW	41	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93712	Quartz	Q	Active	STRAW 42	STRAW	42	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB93713	Quartz	Q	Active	STRAW 43	STRAW	43	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-06-20	2002-07-08	2029-01-08	Watson Lake
YB94275	Quartz	Q	Active	FIRE 301	FIRE	301	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94276	Quartz	Q	Active	FIRE 302	FIRE	302	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94277	Quartz	Q	Active	FIRE 303	FIRE	303	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94278	Quartz	Q	Active	FIRE 304	FIRE	304	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94279	Quartz	Q	Active	FIRE 305	FIRE	305	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94280	Quartz	Q	Active	FIRE 306	FIRE	306	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94281	Quartz	Q	Active	FIRE 312	FIRE	312	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YB94282	Quartz	Q	Active	FIRE 313	FIRE	313	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94283	Quartz	Q	Active	FIRE 314	FIRE	314	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94284	Quartz	Q	Active	FIRE 315	FIRE	315	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94285	Quartz	Q	Active	FIRE 316	FIRE	316	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94286	Quartz	Q	Active	FIRE 317	FIRE	317	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94287	Quartz	Q	Active	FIRE 318	FIRE	318	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94288	Quartz	Q	Active	FIRE 319	FIRE	319	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94289	Quartz	Q	Active	FIRE 320	FIRE	320	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94290	Quartz	Q	Active	FIRE 321	FIRE	321	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94291	Quartz	Q	Active	FIRE 322	FIRE	322	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94292	Quartz	Q	Active	FIRE 323	FIRE	323	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94293	Quartz	Q	Active	FIRE 324	FIRE	324	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94294	Quartz	Q	Active	FIRE 325	FIRE	325	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94295	Quartz	Q	Active	FIRE 326	FIRE	326	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94296	Quartz	Q	Active	FIRE 327	FIRE	327	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YB94297	Quartz	Q	Active	FIRE 328	FIRE	328	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-11-11	2002-11-12	2028-11-12	Watson Lake
YC22651	Quartz	Q	Active	FIRE 307	FIRE	307	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-12-08	2002-12-09	2028-12-09	Watson Lake
YC22652	Quartz	Q	Active	FIRE 308	FIRE	308	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-12-08	2002-12-09	2028-12-09	Watson Lake
YC22653	Quartz	Q	Active	FIRE 309	FIRE	309	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-12-08	2002-12-09	2028-12-09	Watson Lake
YC22654	Quartz	Q	Active	FIRE 310	FIRE	310	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-12-08	2002-12-09	2028-12-09	Watson Lake
YC22655	Quartz	Q	Active	FIRE 311	FIRE	311	PACIFIC RIDGE EXPLORATION LTD. - 100%	2002-12-08	2002-12-09	2028-12-09	Watson Lake
YC31894	Quartz	Q	Active	FIRE 185	FIRE	185	PACIFIC RIDGE EXPLORATION LTD. - 100%	2006-08-12	2006-08-25	2029-08-25	Watson Lake
YC31895	Quartz	Q	Active	FIRE 193	FIRE	193	PACIFIC RIDGE EXPLORATION LTD. - 100%	2006-08-12	2006-08-25	2029-08-25	Watson Lake
YC91767	Quartz	Q	Active	SPARK 1	SPARK	1	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91768	Quartz	Q	Active	SPARK 2	SPARK	2	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91769	Quartz	Q	Active	SPARK 3	SPARK	3	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91770	Quartz	Q	Active	SPARK 4	SPARK	4	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91771	Quartz	Q	Active	SPARK 5	SPARK	5	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake

grant_num	tenure	regulation	status	label	claim_name	claim_num	Owner	stake_date	recorded	expiry_dat	District
YC91772	Quartz	Q	Active	SPARK 6	SPARK	6	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91773	Quartz	Q	Active	SPARK 7	SPARK	7	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91774	Quartz	Q	Active	SPARK 8	SPARK	8	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake
YC91775	Quartz	Q	Active	SPARK 9	SPARK	9	PACIFIC RIDGE EXPLORATION LTD. - 100%	2010-11-22	2010-12-14	2028-12-14	Watson Lake



**APPENDIX D: Certificates of Analysis**



**Certificate of Analysis**  
**Work Order : VC191608**  
**[Report File No.: 0000036388]**

**Date:** September 02, 2019

**To: Robert Burke**  
**BMC MINERALS (NO 1) LTD**  
 SUITE 750-789 WEST PENDER ST  
 VANCOUVER BC V6C 1H2

**P.O. No.:** BMC19-06\_01/ Kudz Ze Kayah/ 25 Rocks  
**Project No.:** KZK  
**Samples:** 25  
**Received:** Aug 6, 2019  
**Pages:** Page 1 to 9  
 (Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
25	G_LOG02	Pre-preparation processing, sorting, logging, boxing
25	G_WGH79	Weighing of samples and reporting of weights
25	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
25	G_PUL45	Pulverize 250g, Cr Steel, 85% passing 75 microns
25	GE_IMS90A	Sodium Peroxide fusion/ICP-MS package(34 elements)
4	GO_ICP90Q	Sodium Peroxide fusion/ICP-AES, single element
25	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
25	GE_AAS12E	@ Ag by AAS after Aqua Regia digest, 2g Vol 50

**Storage: Pulp & Reject**

PULP STORAGE : STORE FOR 90 DAYS  
 REJECT STORAGE : STORE FOR 30 DAYS

Certified By :



Gerald Chik  
 Operations Manager/Chief Chemist

*SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>*

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
 n.a. = Not applicable -- = No result  
 \*INF = Composition of this sample makes detection impossible by this method  
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
 Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	Al	As	Ba	Be	Bi	Ca	Cd
	G_WGH79 0.01 kg	GE_IMS90A 0.01 %	GE_IMS90A 3 ppm	GE_IMS90A 10 ppm	GE_IMS90A 1 ppm	GE_IMS90A 0.1 ppm	GE_IMS90A 0.1 %	GE_IMS90A 0.2 ppm
A00348353	0.920	5.40	12	943	2	0.4	<0.1	3.0
A00348354	2.045	0.85	<3	<10	<1	1.3	<0.1	0.9
A00348355	1.785	6.86	<3	356	2	0.7	2.4	0.7
A00348356	0.430	0.96	106	60	<1	0.7	<0.1	0.4
A00348357	3.660	0.07	5	24	<1	1.6	<0.1	1.0
A00348358	3.385	0.31	346	28	<1	1.4	<0.1	48.2
A00348359	2.540	7.14	<3	462	18	2.9	4.1	0.3
A00348360	1.410	6.65	<3	603	2	0.7	3.1	<0.2
A00348361	2.525	8.36	<3	1032	<1	0.1	3.2	0.7
A00348362	2.110	0.48	44	130	<1	1.5	12.4	88.5
A00348363	1.785	6.40	<3	102	<1	0.6	4.7	0.6
B00267763	2.305	0.48	9	197	<1	5.6	0.2	342
B00267764	0.775	1.87	297	188	<1	0.5	8.1	1.6
B00293001	2.780	7.73	6	5518	1	1.2	0.6	584
B00293002	3.830	11.2	<3	988	4	0.7	4.2	0.8
B00293003	2.195	10.1	<3	1085	3	1.0	1.9	0.8
B00293004	2.035	11.2	<3	717	2	0.4	1.5	0.2
B00293006	3.170	6.12	<3	247	<1	0.3	3.8	1.4
B00293009	2.940	0.09	239	32	<1	2.8	<0.1	0.3
B00293012	3.025	0.33	46	56	<1	<0.1	13.5	0.7
B00293016	1.120	0.46	325	122	<1	0.1	0.1	1226
B00293017	4.655	1.47	<3	175	<1	40.6	<0.1	2.9
D00004709	1.615	6.74	5	129	<1	4.0	7.7	0.7
D00004710	1.675	7.21	<3	31	<1	<0.1	8.1	<0.2
D00004711	2.635	0.76	36	15	<1	2.6	<0.1	0.3
*Rep A00348362		0.50	44	132	<1	1.6	13.4	89.3
*Std OREAS135		5.16	872	4531	3	4.2	1.9	61.9
*Blk BLANK		<0.01	<3	<10	<1	<0.1	<0.1	<0.2

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Element Method Det.Lim. Units	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
	0.1 ppm	0.5 ppm	5 ppm	0.1 ppm	2 ppm	0.05 ppm	0.05 ppm	0.05 ppm
A00348353	39.6	2.6	16	1.6	7	2.28	1.55	0.27
A00348354	0.3	44.4	128	0.4	9433	0.25	0.21	<0.05
A00348355	51.6	13.4	87	9.9	63	4.40	3.20	1.24
A00348356	0.5	44.9	242	<0.1	13732	0.41	0.28	0.07
A00348357	0.9	573	45	0.3	33582	0.86	0.35	0.22
A00348358	0.2	1828	66	0.2	37284	0.26	0.16	<0.05
A00348359	0.8	32.3	204	17.5	177	0.97	0.78	0.19
A00348360	0.9	16.4	247	1.6	564	0.91	1.02	0.10
A00348361	61.9	13.9	101	1.8	42	4.33	2.70	1.35
A00348362	13.5	19.8	488	0.3	65	2.46	1.38	1.27
A00348363	1.9	9.1	21	2.7	1642	2.32	1.86	0.32
B00267763	8.0	30.9	52	0.2	186	2.45	1.37	1.50
B00267764	5.8	26.5	1891	3.0	23	0.89	0.55	0.41
B00293001	88.8	6.1	15	1.1	21	5.69	3.52	0.74
B00293002	83.4	11.5	108	5.2	66	6.86	5.14	1.74
B00293003	54.9	11.6	77	12.0	92	2.73	2.32	0.82
B00293004	28.3	7.4	102	3.7	81	1.73	1.44	0.57
B00293006	0.8	39.2	294	2.9	2812	0.88	0.74	0.12
B00293009	0.4	1214	31	0.4	8731	<0.05	<0.05	<0.05
B00293012	0.2	78.8	1422	<0.1	20	<0.05	<0.05	0.08
B00293016	2.6	45.9	214	0.1	1359	1.36	0.76	0.89
B00293017	6.0	10.6	40	0.3	852	1.87	1.16	0.42
D00004709	0.8	64.0	265	4.0	13595	1.05	0.83	0.12
D00004710	1.4	44.8	18	3.1	430	1.41	1.18	0.16
D00004711	0.2	381	120	0.2	1734	0.15	0.13	<0.05
*Rep A00348362	13.0	19.5	515	0.3	66	2.23	1.30	1.29
*Std OREAS135	76.3	30.5	52	4.2	280	4.37	2.33	1.92
*Bik BLANK	<0.1	<0.5	7	<0.1	<2	<0.05	<0.05	<0.05

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Element Method Det.Lim. Units	Fe	Ga	Gd	Ge	Ho	In	K	La
	GE_IMS90A 0.01 %	GE_IMS90A 1 ppm	GE_IMS90A 0.05 ppm	GE_IMS90A 1 ppm	GE_IMS90A 0.05 ppm	GE_IMS90A 0.2 ppm	GE_IMS90A 0.1 %	GE_IMS90A 0.1 ppm
A00348353	6.43	31	2.13	2	0.49	0.4	2.9	19.7
A00348354	8.31	3	0.16	<1	0.07	0.4	<0.1	0.2
A00348355	3.43	17	4.68	2	1.04	<0.2	0.5	26.1
A00348356	12.4	24	0.29	<1	0.11	0.6	<0.1	0.2
A00348357	14.9	<1	0.75	<1	0.17	<0.2	<0.1	0.6
A00348358	21.1	11	0.23	<1	0.06	1.0	<0.1	0.1
A00348359	6.08	12	0.61	3	0.25	<0.2	0.5	0.3
A00348360	4.02	10	0.46	2	0.25	<0.2	0.3	0.5
A00348361	4.92	16	4.90	1	0.91	<0.2	1.2	33.0
A00348362	5.14	2	2.27	1	0.50	0.3	0.1	9.0
A00348363	5.33	14	1.54	2	0.58	<0.2	0.4	0.8
B00267763	19.2	10	2.59	2	0.54	0.3	0.2	4.3
B00267764	2.30	4	0.89	<1	0.18	<0.2	<0.1	3.3
B00293001	1.98	18	5.46	1	1.20	0.8	5.9	47.6
B00293002	5.33	28	6.60	2	1.46	<0.2	1.1	45.1
B00293003	4.65	22	3.14	2	0.64	<0.2	1.8	35.2
B00293004	4.57	26	1.73	2	0.40	<0.2	0.7	16.1
B00293006	5.10	11	0.49	1	0.24	<0.2	0.4	0.4
B00293009	20.4	1	<0.05	<1	<0.05	<0.2	<0.1	0.3
B00293012	3.82	<1	<0.05	<1	<0.05	<0.2	<0.1	0.3
B00293016	22.0	11	1.29	5	0.30	0.3	0.2	1.5
B00293017	24.7	5	1.45	2	0.38	<0.2	0.3	3.3
D00004709	11.7	14	0.62	2	0.25	<0.2	0.5	0.4
D00004710	8.48	15	0.81	2	0.35	<0.2	0.1	0.6
D00004711	12.2	3	0.12	<1	<0.05	<0.2	<0.1	<0.1
*Rep A00348362	5.51	2	2.28	<1	0.51	0.3	0.1	8.0
*Std OREAS135	8.62	12	5.16	5	0.84	0.7	4.5	39.9
*Blk BLANK	<0.01	<1	<0.05	<1	<0.05	<0.2	<0.1	<0.1

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Element Method Det.Lim. Units	Li	Lu	Mg	Mn	Mo	Nb	Nd	Ni
	GE_IMS90A 5 ppm	GE_IMS90A 0.05 ppm	GE_IMS90A 0.01 %	GE_IMS90A 10 ppm	GE_IMS90A 2 ppm	GE_IMS90A 2 ppm	GE_IMS90A 0.1 ppm	GE_IMS90A 5 ppm
A00348353	58	0.25	0.03	116	25	18	13.7	5
A00348354	8	<0.05	0.89	190	<2	<2	0.2	40
A00348355	25	0.66	0.97	960	11	15	23.9	37
A00348356	<5	<0.05	0.61	135	16	<2	0.3	8
A00348357	<5	<0.05	0.03	77	32	<2	1.2	69
A00348358	<5	<0.05	0.20	121	17	<2	0.2	101
A00348359	46	0.14	6.82	1502	<2	3	0.8	111
A00348360	8	0.21	2.89	519	<2	<2	0.5	47
A00348361	24	0.39	2.29	917	2	12	28.3	14
A00348362	6	0.12	6.93	>10000	<2	<2	7.8	222
A00348363	7	0.31	1.14	721	<2	<2	1.7	<5
B00267763	8	0.16	0.12	>10000	<2	<2	6.3	63
B00267764	14	0.07	4.47	3347	<2	<2	2.8	371
B00293001	<5	0.54	0.04	373	3	22	33.5	10
B00293002	26	1.14	1.46	973	4	8	38.4	29
B00293003	43	0.56	1.20	766	2	10	20.8	22
B00293004	8	0.37	1.49	723	<2	17	12.8	11
B00293006	15	0.16	3.85	891	5	<2	0.6	81
B00293009	<5	<0.05	0.02	59	10	<2	0.2	16
B00293012	<5	<0.05	12.7	1083	<2	<2	0.1	1318
B00293016	5	0.09	0.14	>10000	<2	<2	2.2	207
B00293017	12	0.15	0.08	932	<2	3	4.2	21
D00004709	17	0.16	5.60	1490	4	<2	0.6	112
D00004710	11	0.20	3.33	1176	<2	<2	1.0	30
D00004711	<5	<0.05	0.41	119	12	<2	0.1	37
*Rep A00348362	6	0.11	6.92	>10000	<2	<2	7.8	239
*Std OREAS135	41	0.27	1.01	4465	8	9	33.4	36
*Blk BLANK	<5	<0.05	<0.01	<10	<2	<2	<0.1	<5

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Element Method Det.Lim. Units	P	Pb	Pr	Rb	Re	S	Sb	Si
	GE_IMS90A 0.01 %	GE_IMS90A 2 ppm	GE_IMS90A 0.05 ppm	GE_IMS90A 2 ppm	GE_IMS90A 0.05 ppm	GE_IMS90A 1 %	GE_IMS90A 1 ppm	GE_IMS90A 0.1 %
A00348353	0.01	249	4.61	92	<0.05	<1	9	31.6
A00348354	0.01	<2	<0.05	<2	<0.05	<1	<1	38.4
A00348355	0.05	21	6.38	62	<0.05	<1	<1	33.1
A00348356	<0.01	44	0.07	<2	<0.05	2	1	31.3
A00348357	0.01	9	0.22	<2	0.09	13	<1	27.7
A00348358	<0.01	28	<0.05	<2	0.05	16	4	19.6
A00348359	0.01	5	0.14	76	<0.05	<1	<1	25.2
A00348360	0.02	9	0.12	9	<0.05	<1	<1	28.6
A00348361	0.08	21	7.91	43	<0.05	<1	<1	27.3
A00348362	<0.01	345	2.09	6	<0.05	<1	4	11.2
A00348363	0.02	8	0.33	8	<0.05	<1	<1	29.6
B00267763	0.02	18096	1.30	10	<0.05	<1	15	20.4
B00267764	<0.01	17	0.74	3	<0.05	<1	4	23.2
B00293001	0.01	3046	10.56	124	<0.05	5	5	25.2
B00293002	0.07	29	10.53	73	<0.05	<1	<1	24.5
B00293003	0.07	26	6.01	129	<0.05	<1	<1	29.7
B00293004	0.05	26	3.56	45	<0.05	<1	<1	24.9
B00293006	0.01	7	0.13	9	<0.05	<1	<1	27.1
B00293009	<0.01	14	0.07	<2	0.06	20	2	23.6
B00293012	0.01	8	<0.05	<2	<0.05	<1	2	8.8
B00293016	<0.01	20257	0.45	9	<0.05	<1	22	8.5
B00293017	0.03	282	0.98	14	<0.05	<1	<1	22.5
D00004709	0.02	3	0.12	12	<0.05	1	<1	20.5
D00004710	<0.01	6	0.21	3	<0.05	<1	<1	21.3
D00004711	<0.01	3	<0.05	<2	0.08	11	<1	32.9
*Rep A00348362	0.01	339	1.85	6	<0.05	<1	5	11.2
*Std OREAS135	0.08	16666	8.89	205	<0.05	7	37	21.2
*Blk BLANK	<0.01	<2	<0.05	<2	<0.05	<1	<1	<0.1

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Element Method Det.Lim. Units	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
	0.1 ppm	1 ppm	10 ppm	0.5 ppm	0.05 ppm	1 ppm	0.1 ppm	0.01 %
A00348353	2.5	8	34	1.2	0.36	<1	13.9	0.16
A00348354	<0.1	<1	<10	<0.5	<0.05	<1	<0.1	0.01
A00348355	4.5	1	152	1.1	0.69	<1	10.6	0.38
A00348356	0.1	2	<10	<0.5	0.06	3	<0.1	0.03
A00348357	0.5	<1	<10	<0.5	0.13	2	<0.1	<0.01
A00348358	<0.1	<1	<10	<0.5	<0.05	3	<0.1	<0.01
A00348359	0.3	59	51	<0.5	0.12	<1	<0.1	0.13
A00348360	0.2	<1	149	<0.5	0.10	<1	<0.1	0.04
A00348361	5.3	1	212	0.7	0.70	<1	11.2	0.54
A00348362	1.9	5	148	<0.5	0.42	<1	0.6	<0.01
A00348363	0.8	<1	199	<0.5	0.31	<1	0.2	0.23
B00267763	1.8	8	135	<0.5	0.40	<1	0.4	0.02
B00267764	0.7	<1	265	<0.5	0.15	<1	0.2	0.01
B00293001	6.3	6	118	1.9	0.94	<1	31.4	0.19
B00293002	7.7	6	308	0.5	1.11	<1	17.5	0.29
B00293003	3.6	3	623	0.5	0.44	<1	11.7	0.40
B00293004	2.4	4	288	1.3	0.26	<1	16.2	0.66
B00293006	0.3	<1	53	<0.5	0.11	<1	<0.1	0.08
B00293009	<0.1	<1	<10	<0.5	<0.05	9	<0.1	<0.01
B00293012	<0.1	<1	601	<0.5	<0.05	<1	<0.1	<0.01
B00293016	0.8	32	31	<0.5	0.22	<1	0.1	0.01
B00293017	1.1	4	24	<0.5	0.28	3	1.1	0.09
D00004709	0.3	<1	40	<0.5	0.14	<1	0.1	0.14
D00004710	0.4	<1	135	<0.5	0.18	<1	0.1	0.31
D00004711	<0.1	<1	<10	<0.5	<0.05	3	<0.1	0.02
*Rep A00348362	1.7	5	162	<0.5	0.37	<1	0.5	<0.01
*Std OREAS135	5.9	2	165	0.6	0.76	<1	10.3	0.22
*Bik BLANK	<0.1	<1	<10	<0.5	<0.05	<1	<0.1	<0.01

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Element Method Det.Lim. Units	Tl	Tm	U	V	W	Y	Yb	Zn
	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
	0.5 ppm	0.05 ppm	0.05 ppm	5 ppm	5 ppm	0.5 ppm	0.1 ppm	5 ppm
A00348353	1.7	0.24	6.12	13	<5	14.8	1.4	1057
A00348354	<0.5	<0.05	0.15	253	<5	2.3	<0.1	141
A00348355	0.7	0.59	3.43	138	<5	27.2	4.6	69
A00348356	<0.5	0.05	1.63	91	<5	2.7	<0.1	1306
A00348357	<0.5	<0.05	9.72	6	<5	3.2	<0.1	342
A00348358	<0.5	<0.05	2.95	16	<5	1.5	<0.1	30043
A00348359	0.6	0.14	0.15	224	19	6.9	0.8	205
A00348360	<0.5	0.16	0.32	223	7	7.7	1.2	31
A00348361	<0.5	0.40	3.19	128	<5	24.7	2.6	118
A00348362	<0.5	0.17	0.72	21	<5	21.1	0.7	6100
A00348363	<0.5	0.31	0.26	207	<5	15.6	2.1	62
B00267763	1.8	0.19	6.24	12	<5	24.1	0.9	23088
B00267764	<0.5	0.08	0.17	31	<5	6.0	0.3	174
B00293001	0.9	0.54	6.29	16	<5	37.1	3.7	>50000
B00293002	0.6	0.88	4.37	174	8	43.4	7.7	156
B00293003	1.0	0.47	2.95	117	<5	20.4	3.6	99
B00293004	<0.5	0.26	2.87	142	<5	11.7	2.3	94
B00293006	<0.5	0.13	0.13	217	<5	6.2	0.8	72
B00293009	<0.5	<0.05	1.43	<5	<5	<0.5	<0.1	34
B00293012	<0.5	<0.05	0.35	20	<5	0.8	<0.1	70
B00293016	2.7	0.11	1.22	10	<5	14.1	0.3	>50000
B00293017	<0.5	0.17	2.98	48	7	11.8	1.0	617
D00004709	<0.5	0.12	12.99	295	<5	7.5	0.7	88
D00004710	<0.5	0.16	0.15	955	<5	9.1	1.3	48
D00004711	<0.5	<0.05	0.14	34	<5	1.4	<0.1	50
*Rep A00348362	<0.5	0.16	0.76	21	<5	20.6	0.8	6540
*Std OREAS135	31.9	0.31	9.63	76	<5	26.1	2.1	27006
*Blk BLANK	<0.5	<0.05	<0.05	<5	<5	<0.5	<0.1	<5

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Element Method Det.Lim. Units	@Zn	Mn	@Au	@Ag
	GO_ICP90Q 0.01 %	GO_ICP90Q 0.01 %	GE_FAA313 5 ppb	GE_AAS12E 0.3 g/t
A00348353	N.A.	N.A.	12	5.9
A00348354	N.A.	N.A.	36	4.0
A00348355	N.A.	N.A.	<5	<0.3
A00348356	N.A.	N.A.	1404	11.9
A00348357	N.A.	N.A.	36	6.5
A00348358	N.A.	N.A.	1769	8.6
A00348359	N.A.	N.A.	9	<0.3
A00348360	N.A.	N.A.	6	<0.3
A00348361	N.A.	N.A.	<5	0.4
A00348362	N.A.	1.76	12	2.5
A00348363	N.A.	N.A.	10	0.9
B00267763	N.A.	7.70	96	23.7
B00267764	N.A.	N.A.	6	<0.3
B00293001	9.41	N.A.	<5	7.8
B00293002	N.A.	N.A.	7	0.7
B00293003	N.A.	N.A.	6	0.5
B00293004	N.A.	N.A.	14	0.6
B00293006	N.A.	N.A.	48	1.7
B00293009	N.A.	N.A.	332	1.2
B00293012	N.A.	N.A.	6	0.8
B00293016	12.6	5.66	290	59.4
B00293017	N.A.	N.A.	1833	13.6
D00004709	N.A.	N.A.	88	4.2
D00004710	N.A.	N.A.	6	<0.3
D00004711	N.A.	N.A.	445	1.3
*Rep B00293016	12.7	5.69		
*Std MP1B	16.5	N.A.		
*Std 879-1	N.A.	3.36		
*Blk BLANK	<0.01	<0.01		
*Rep B00293004				0.8
*Std OREAS524				3.8
*Blk BLANK				0.5
*Rep A00348358			1857	
*Std OREAS223			1791	
*Blk BLANK			<5	

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## APPENDIX E: Data Drive

## APPENDIX F: Geologist Certificates



## GEOLOGIST'S CERTIFICATE

Robert Burke  
201-2222 Prince Edward Street  
Vancouver, BC, Canada  
V5T 4M6

I, **ROBERT BURKE**, B.Sc. in Geological Sciences, do hereby certify that:

1. I am presently a Senior Geologist with BMC Minerals (NO.1) LTD, with offices at Suite 750, 789 West Pender Street, Vancouver, British Columbia, Canada.
2. I am a graduate of the University of Manitoba, Canada with a Bachelor of Science in Geological Sciences (2009) and I have practiced my profession continuously since 2009.
3. I am a professional geologist in good standing order (#42498) in the province of British Columbia
4. Since 2010 I have been involved in natural resource exploration for base metals and gold (2010 to present) in Canada and Australia.
5. I am the author of the assessment report "2019 Geological Report on the Fyre Lake Property" prepared for BMC MINERALS (NO.1) LTD.
6. I was directly involved with the planning, managing and execution of the 2019 program at Fyre Lake and have examined the property which is subject of the Assessment Report.

Dated 8 January 2020, at Vancouver, British Columbia.

Signed and sealed: "*Robert Burke*"

\_\_\_\_\_  
Robert Burke, B.Sc., P. Geo

