

Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey

Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochem Sampling, Prospecting and Hand Trenching TOTAL COST: \$7,632.21

AUTHOR(S): Bernie Kreft

SIGNATURE(S): BK

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): \_\_\_\_\_ YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5667359

PROPERTY NAME: Yellow Moose

CLAIM NAME(S) (on which the work was done): EM West and the other claim worked on has no name

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093F 058

MINING DIVISION: Omineca

NTS/BCGS: 093F06E/093F11E and 093F045/093F055

LATITUDE: 53 ° 29 ' \_\_\_\_\_ " LONGITUDE: 125 ° 56 ' \_\_\_\_\_ " (at centre of work)

OWNER(S):

1) John Bernard Kreft

2) \_\_\_\_\_

MAILING ADDRESS:

1 Locust Place, Whitehorse YT, Y1A 5G9

OPERATOR(S) [who paid for the work]:

1) as above

2) \_\_\_\_\_

MAILING ADDRESS:

as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Eocene Ootsa Lake Group Rhyolite and rhyolitic volcanic rocks, clay alteration, brecciation, silicification, quartz, arsenopyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 18191, 23099, 23387, 23748, 24265, 24766

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOFYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b> (number of samples analysed for...)			
Soil 21 by FA430 (30g Au fire assay) _____			
Silt _____			
Rock 17 by FA430 (30g Au fire assay) _____			
Other _____			
<b>DRILLING</b> (total metres; number of holes, size)			
Core _____			
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
<b>PROSPECTING (scale, area)</b> _____			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
		TOTAL COST:	\$7,632.21

Assessment Report

**2017 Geochemical Sampling,  
Prospecting and Hand Trenching  
Report**

**On The  
Yellow Moose Property  
Tenures Worked On: 1041422 and 1048568**

Located In The Nechako Plateau Area  
Central British Columbia  
Omineca Mining Division  
On  
NTS: 093F06E and 093F11E  
BCGS: 093F045 and 093F055  
Latitude 53°29' North and Longitude 125°06' West

By  
Bernie Kreft

December 8<sup>th</sup>, 2017

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**Location** – The Yellow Moose project is located on BCGS map sheets 093F045 and 055 in the Omineca Mining Division approximately 65 kilometers south of Fraser Lake BC and 6 kilometres north of Ootsa Lake, centered at 53°29' North and 125°06' West. The showings are located just north of locally named Yellow Moose Lake. A total of 10 tenures comprise the project with claim data found on the following table:

Title Number	Claim Name	Owner	Good To Date	Area (ha)
1041415		114661 (100%)	2020/NOV/13	19.24
1041422	EM WEST	114661 (100%)	2020/NOV/13	115.43
1041658	WOHOO	114661 (100%)	2020/JUL/13	19.23
1041660	YELLOW	114661 (100%)	2020/JUL/13	57.69
1041665	YELLOW	114661 (100%)	2020/JUL/13	19.23
1041670	YELLOW FINAL	114661 (100%)	2017/JUL/13	76.93
1047057		114661 (100%)	2020/NOV/13	19.24
1047058	YELLOW WEST PERIM	114661 (100%)	2020/NOV/13	96.21
1047061	YELLOW SE	114661 (100%)	2020/NOV/13	19.24
1048568		114661 (100%)	2020/NOV/13	96.19

**Access** – Access to the property was achieved by truck via the Holy Cross mainline forest service road which leaves HWY37 just east of Fraser Lake at Lejac and the Deerhorn mainline logging road, an approximate 40 minute one-way drive. The property can also be reached by a series of logging roads extending south from either Burns Lake or Vanderhoof.

**Topography and Vegetation** – The property is located on the Nechako plateau, just north of Ootsa Lake which is part of a series of artificial lakes formed behind the Kenney Dam. Upland surfaces are generally comprised of rolling hills with numerous small lakes and marshes, with many of the smaller drainages generally following striations remaining from glacial activity which crossed the area from the SW to NE. Topography in the area is moderate, with elevations ranging from 850 meters on Ootsa Lake to over 1200 meters on hill tops. Outcrop exposures are occasionally found at higher elevations and on steep slopes, but become increasingly masked by glacial till at lower elevations.

The main economic activity in the area is logging, with approximately 50% of the property being clear cut which has left logging slash with a light growth of shrubbery and sections of 10-15 year old re-planted pine tree forest. Original vegetation is dominated by evergreens (pine and spruce) with poplar and cottonwood in low-lying areas, and undergrowth of huckleberry and alder. Large areas of vegetation have been affected by the Rocky Mountain Pine beetle. Along the Nechako Reservoir, any area close to lake level is potentially liable to be flooded with no compensation.

**History And Previous Work** – A series of assessment reports detailing work completed within, or close to, current property boundaries exist within the public domain. A brief chronological summary of these reports is as follows:

AR18191 – Newmont Exploration – 1988 – Newmont completed mapping, soil-silt-rock sampling and various geophysical surveys in an effort to define precious metals enriched epithermal style targets within Ootsa Lake group volcanics. This work located two mineralized showings, Gus and Arrow Lake, within the northeast corner of the current property environs. Arrow Lake consists of a 600m long by 10-150m wide area of sulphidic, silicified and chalcedonic veined rhyolite and arkosic sandstone. Highly anomalous mercury, antimony and arsenic along with weakly anomalous gold and silver values are found throughout the zone. Alteration and mineralization appears to be associated with dilatant zones located at the intersection of a major NE structure with numerous north-south tensional fault structures





Property Location Map (Provincial)  
To Accompany Yellow Moose Assessment Report

\* = Yellow Moose Property Location

Date Drawn: December 9th, 2017

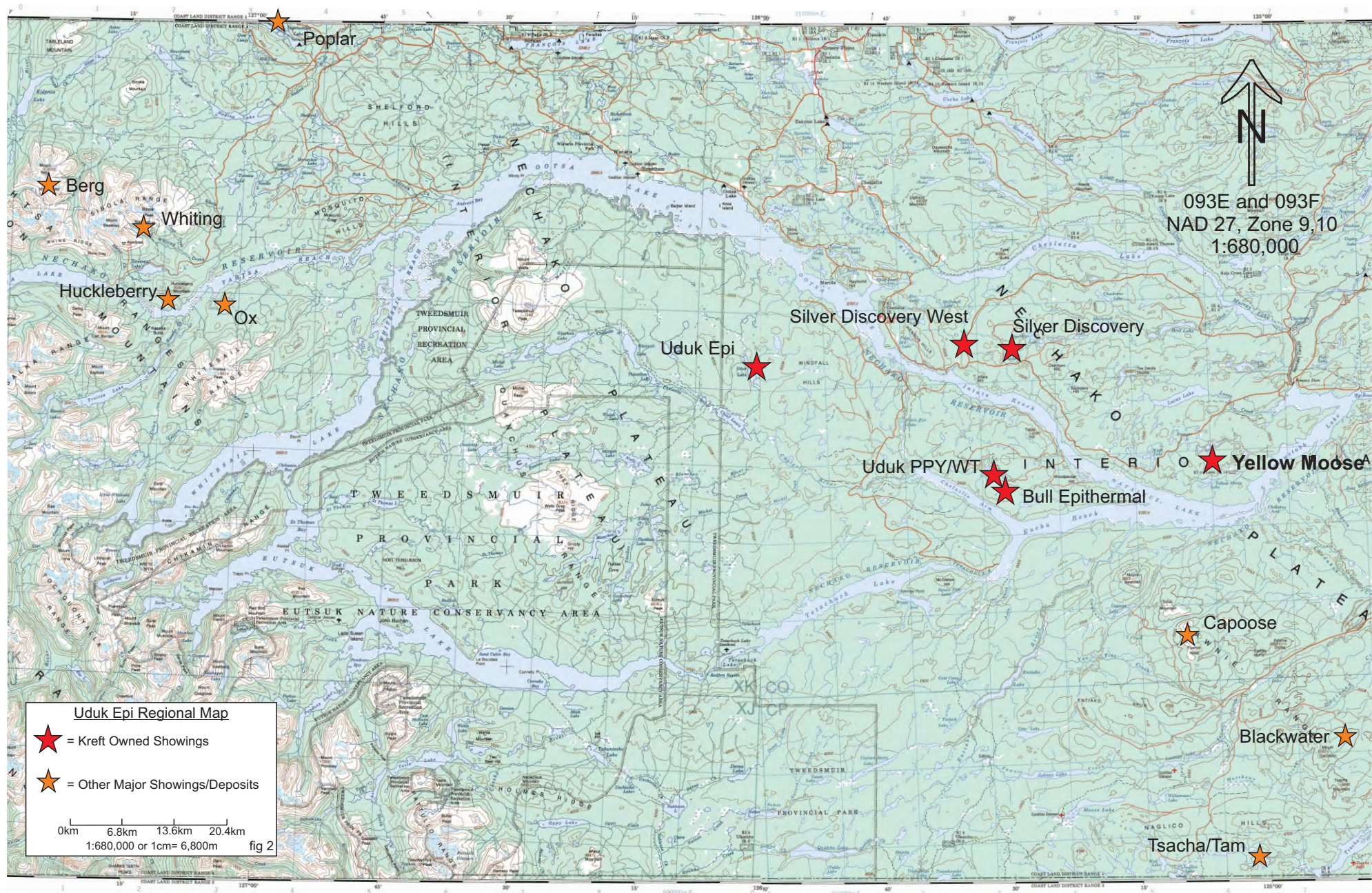
Drawn By: Bernie Kreft

Fig1

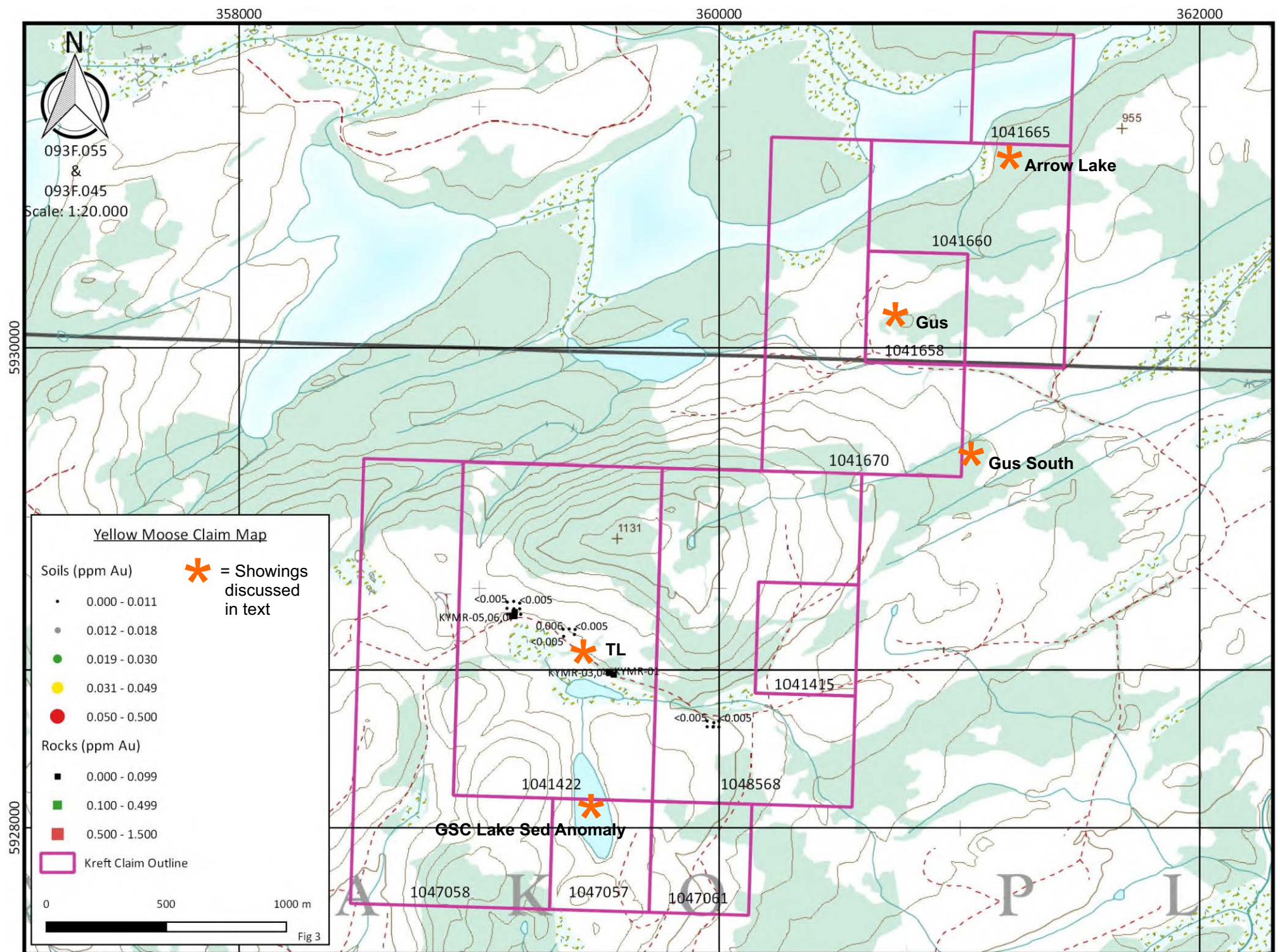


0 75 150 300  
kilometres











and fractures. Potential extensions to this zone are heavily till covered. Gus consists of several rhyolite and tuff hosted northeast trending silicified and brecciated dilatant fault zones in close proximity to a major east-west lineament. Results of up to 795 ppb Au and 1.5 ppm Ag were encountered along with highly anomalous As-Sb-Hg. Soil sampling returned generally low and erratic results due to the presence of widespread glacial till. Geophysical survey results were occasionally hampered by areas of thick till. Further work including drilling was recommended for the showings.

AR23099 – Cogema Resources – 1993 – Work consisted of a combined VLF, magnetics and electromagnetic airborne geophysical survey covering a large area centred on the current property. Anomalies were defined and the reader is directed to the report. It should be noted that the line orientation used (north-south) would be parallel to the north-south structures noted at both Gus and Arrow Lake and that the EM would likely be unable to accurately identify low-sulphidation type epithermal deposits common to the district.

AR23387 – Cogema Resources – 1993 – Work consisted of the collection of 609 till samples over a broad-spaced grid. The Arrow Lake showing is represented by a strong As to 42 ppm and Sb to 27 ppm anomaly with no significant precious metal values. Although the Gus showing wasn't detected by the survey, coincident high As to 95 ppm and Sb to 10 ppm was noted approximately 250 metres to the southeast of it, and several adjacent samples with Au of up to 36 ppb a further 450 metres south, with this anomalous area (Gus South) possibly representing extensions to the showing. A potentially significant multi-station arsenic anomaly with values to 76 ppm along with lesser and occasional Au-Ag-Sb-Hg anomaly was encountered in the vicinity of two lakes (the TL showing) in the southwest corner of the current property.

AR23748 – Cogema Resources – 1994 – Work consisted of trenching, drilling and mapping/prospecting. Mapping and prospecting was conducted around two small lakes at the TL showing which yielded highly anomalous values for As-Sb-Hg-Au-Pb-Mo from a GSC sponsored 1993 regional lake sediment survey. Geology consists of kaolinized, pyritized and variably silicified rhyolite with weakly anomalous gold values. All trenching was concentrated at, and to the south of, the Gus showing and encountered weakly anomalous gold values to 220 ppb along with highly anomalous As-Sb-Hg. A total of 6 holes (624.3 metres) were drilled in the vicinity of the trenches. Best results were returned from a section of brecciated, vuggy and silicified rhyolite to tuff with grey patches likely representing very fine grained sulphide a 3.4 metre section of which returned approximately 108 ppb Au, along with highly anomalous As-Sb-Hg. This anomalous interval was found within a broader 26.9 metre interval of highly anomalous As-Sb-Hg geochemistry.

AR24265 – Phelps Dodge – 1995 – Phelps Dodge optioned the property from Cogema and conducted a mapping, soil sampling and prospecting program resulting in 159 rock samples and 1009 B-horizon soil samples. Variably anomalous amounts of As-Sb-Hg along with sporadic weakly anomalous Au-Ag were found in both soils and rocks associated with a 2500 metre long roughly east-west oriented clay altered and silicified fault zone cutting Ootsa Group predominantly rhyolitic volcanics centred on the TL showing.

AR24766 – Phelps Dodge – 1996 – Phelps Dodge conducted combined chargeability and resistivity surveys over the Arrow and TL showings. The Arrow showing manifests as a moderate resistivity with exemplary chargeability (up to 68mV/V over background of 5mV/V) while the work at TL yielded markedly lower anomalies.

2016 – Kreft – Fieldwork was designed to provide first pass sampling of the TL Showing. Prospecting, soil and biogeochemical sampling yielded maximum values of 0.18 ppm Au, 1.6 ppm Ag, 2,497 ppm As, 72 ppm Sb and 5 ppm Hg from a grab sample of brecciated and micro-fractured limonitic rhyolite with

weakly pyritic grey quartz cement. The anomalous rock samples are located proximal to two biogeochemical samples with highly anomalous arsenic and lesser Sb-Au-Ag-Pb as well as a till sample with highly anomalous arsenic (129.7 ppm) and weakly anomalous Au-Ag-Sb. Recommendations were for a property wide airborne magnetic and radiometric geophysical survey coupled with a regional as well as property scale mixed biogeochemical/deep till sampling program.

Although extensive till cover of variable thickness has hampered exploration efforts by masking bedrock and severely limiting the usefulness of common mineral exploration vectoring techniques such as mapping, soil sampling and to a lesser extent geophysical surveys, numerous epithermal style showings have been located. The widespread alteration and anomalous geochemical values occurring on the Yellow Moose property suggest potential for a bulk tonnage epithermal gold and silver deposit.

**Regional Geology And Metallogeny** – The property lies in the central part of the Stikine Terrane which contains three volcanic stratigraphic groups of latest Upper Cretaceous to Miocene age, underlain by Cretaceous and older basement rocks. Mineralization is associated with an Eocene tectonic event that involved crustal extension, felsic and basic volcanism, unroofed metamorphic complexes, large and small scale calderas and associated plutons, pull-apart sedimentary basins, and basin and range geomorphology. This Eocene tectonic-metallogenic belt extends from northwestern British Columbia and crosses all major geologic terranes of the northern Cordillera to the Columbia River basalt plateau in Washington State. The Tertiary tectonic evolution and volcanism of the Nechako Basin are similar to that of the Great Basin of Nevada and the Republic Graben in Washington and the potential for volcanic-hosted and hot-spring type epithermal deposits is similar.

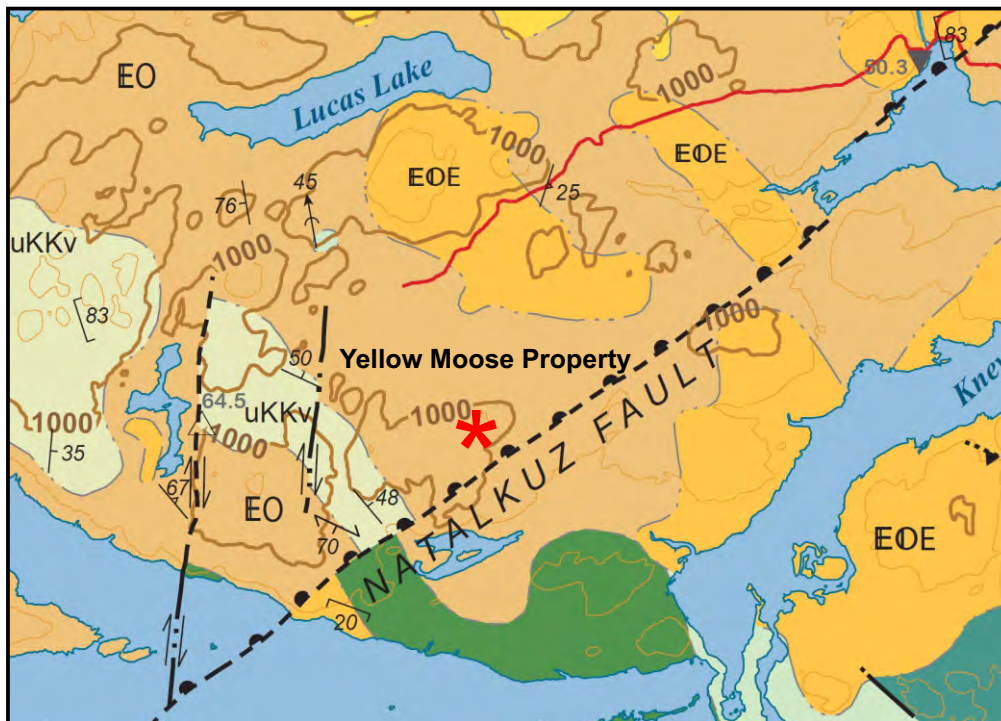
Eocene epithermal gold deposits of the Republic District formed in a near-surface environment by deposition of gold and silver in a wide range of styles, including quartz-pyrite-clay-carbonate (+/- calcite, marcasite, ankerite, illite, kaolinite, and alunite) veins and breccias, common to a hot-spring environment. Deposits occur within a graben-filling Eocene pyroclastic, fluvial, and lacustrine succession.

In Nevada Eocene magmatism is the likely heat source that drove the hydrothermal systems that generated the prolific Carlin type sediment hosted deposits. Round Mountain is a significant volcanic hosted epithermal gold deposits consisting of clay altered and silicified volcanic rocks (predominantly tuffs) located along the margins of an approximate 26.3ma caldera complex.

**Property Geology And Mineralization** – Lower to middle Eocene, Ootsa Lake Group rhyolite is exposed throughout the property forming a series of east-west oriented incised knolls. Rhyolite consists of a maroon to cream coloured feldspar phyric rock which is intercalated with flows which are banded. Locally within the sequence are quartz phyric flows that appear to be of limited lateral extent. When the rocks are unaltered they have euhedral plagioclase +/- quartz phenocrysts (rounded) set in a maroon to light grey vitreous matrix. On a local scale the rocks are flow banded, micro brecciated, spherulitic and sometimes perlitic. Generally the unaltered or weakly altered rhyolite occupies the tops of knolls while the topographic lows contain the moderate to strongly altered rhyolite. Occasionally intercalated with the rhyolite are thick sequences of shallow west dipping crystal tuff, ash flow tuff and coarse lapilli tuff. Interspersed with the rhyolite is an intercalated lapilli tuff, sandstone, siltstone, minor conglomerate and lahar unit. Occasionally found overlying the Ootsa Lake group are areas of flat lying Endako Group basalt. Stratigraphic, fossil, and isotopic age data suggest at least two pulses of Endako basaltic volcanism in the Middle (48-43 Ma) and Late (38-37 Ma) Eocene closely followed cessation of the Ootsa Lake Group felsic volcanism in the Middle Eocene.

Epithermal alteration and mineralization is found within rhyolite, sandstones and fine conglomerates at the Arrow Showing as well as rhyolite and lesser tuffs at the TL, Gus and Gus South Showings. Sulphides consist of generally very fine-grained pyrite, arsenopyrite, marcasite and stibnite. Clay alteration,





#### FAULTS / CONTACTS

- |  |   |
|--|---|
|  | Thrust fault, approximate/inferred / interpreted from geophysics / concealed    |
|  | Normal fault, approximate/inferred / interpreted from geophysics / concealed    |
|  | Sinistral fault, approximate/inferred / interpreted from geophysics / concealed |
|  | Dextral fault, approximate/inferred / interpreted from geophysics / concealed   |
|  | Undefined fault, approximate/inferred / interpreted from geophysics / concealed |
|  | Contact, approximate/inferred / interpreted from geophysics / concealed         |

#### GEOCHRONOLOGY (Ma)

- |  |                  |  |                 |
|--|------------------|--|-----------------|
|  | Ar/Ar Biotite    |  | K/Ar Feldspar   |
|  | Ar/Ar Hornblende |  | K/Ar Whole-rock |
|  | Ar/Ar Whole-rock |  | U/Pb Zircon     |

#### STRUCTURES

- |  |                                |  |                      |
|--|--------------------------------|--|----------------------|
|  | Bedding                        |  | Bedding, Upright     |
|  | Joint                          |  | Minor fault          |
|  | Foliation                      |  | Fold hinge line      |
|  | Igneous layering, Flow banding |  | Stretching lineation |

#### OTHER FEATURES

- |  |                    |  |                |
|--|--------------------|--|----------------|
|  | City               |  | River          |
|  | Road               |  | Lake           |
|  | Contour line, 500m |  | Protected area |
|  | Contour line, 100m |  |                |

Geoscience BC Map 2015-10-01  
Preliminary Geology  
Trek Project Area  
Central British Columbia

0 2.5 5  
kilometres

Map To Accompany:  
2017 Yellow Moose Report  
figure 4 - Geology

#### Eocene to Oligocene Endako Group

- EOE** **Basalt** - Basaltic andesite and andesitic lava flows. Dark green-grey to black, columnar jointed to massive, fine grained to sparsely porphyritic flows with plagioclase phenocrysts and, less commonly, microphenocrysts of pyroxene and olivine (Haskin et al., 1998).

#### Eocene

##### Ootsa Lake Group

- EO** **Rhyolite to andesite flows and volcanoclastic rocks** - White to beige to pale pink flow banded rhyolite, commonly with spherulites, <5% quartz, <3% feldspar, 7% magnetite phenocrysts; perlitic vitreous black dacite with <1% pyroxene and plagioclase phenocrysts; tan to pink hornblende dacite with <5% hornblende and <2% potassium feldspar phenocrysts; rhyolitic to dacitic lapilli tuff, locally welded. Minor amygdaloidal pyroxene or plagioclase phyric basalt, volcanic sandstone and conglomerate locally containing plutonic clasts (Bordet, 2014 and Diakow et al., 1997).

#### Upper Cretaceous

##### Kasalka Group

- uKKv** **Andesite to rhyolite flows and volcanoclastic rocks** - Pale to dark grey-green and purple andesite flows and hypabyssal intrusions with up to 35% plagioclase, 5% hornblende, and 3% biotite phenocrysts; plagioclase exhibits typical epidote altered cores. Lapilli and block tuff with fragments of previously described andesite up to 30 cm within a light to dark grey ash and plagioclase crystal fragment matrix (Diakow et al., 1997). Grey lithic-rich latite lapilli tuff comprised of dark grey latitic lapilli and cream coloured rhyolitic lapilli up to 5 cm supported in a grey ash matrix (Looby, 2015). Dark grey to beige, flow banded to massive, rarely autobrecciated, rhyolite with up to 10% combined potassium feldspar and hornblende phenocrysts (Looby, 2015). Rare, sub-rounded to well-rounded polyolithic basal pebble to cobble conglomerate, often strongly hematite stained.

#### Stikine Terrane

##### Lower and Middle Jurassic

##### Hazelton Group

##### Naglico Formation

- mJHN** **Basalt** - Pyroxene phyric mafic flows, tuff, and minor submarine sediments. Flows are dark green and rarely maroon basalt to andesite with 1-3 % augite phenocrysts and 1-35% plagioclase phenocrysts, less commonly aphanitic. Rare amygdules contain quartz, chlorite, and epidote. Pyroclastic rocks are green and red lapilli tuff with abundant plagioclase and chloritized mafics in both the matrix and lapilli. Rare interbedded sediments include arkosic arenite, siltstone, tuffaceous argillite, volcanic derived conglomerate, and minor limestone (Diakow et al., 1997).

##### Entiako Formation

- ImJHE** **Sedimentary and bimodal volcanic sequence** - Black laminated mudstone which is sometimes interbedded with fine pink tuff, limy siltstone, and arkosic sandstone, tuffaceous sandstone, and angular epiclastic conglomerate. Rhyolitic flows and volcanoclastics including white to pink rhyolite flows with up to 3% quartz phenocrysts and maroon and light green lapilli tuff. Minor dark green mafic lapilli tuff (Diakow et al., 1997).

silicification and chalcedonic veining along with shearing or brecciation are common to most showings. Anomalous gold values are invariably found associated with weakly to moderately anomalous values for As-Sb-Hg-Ag.

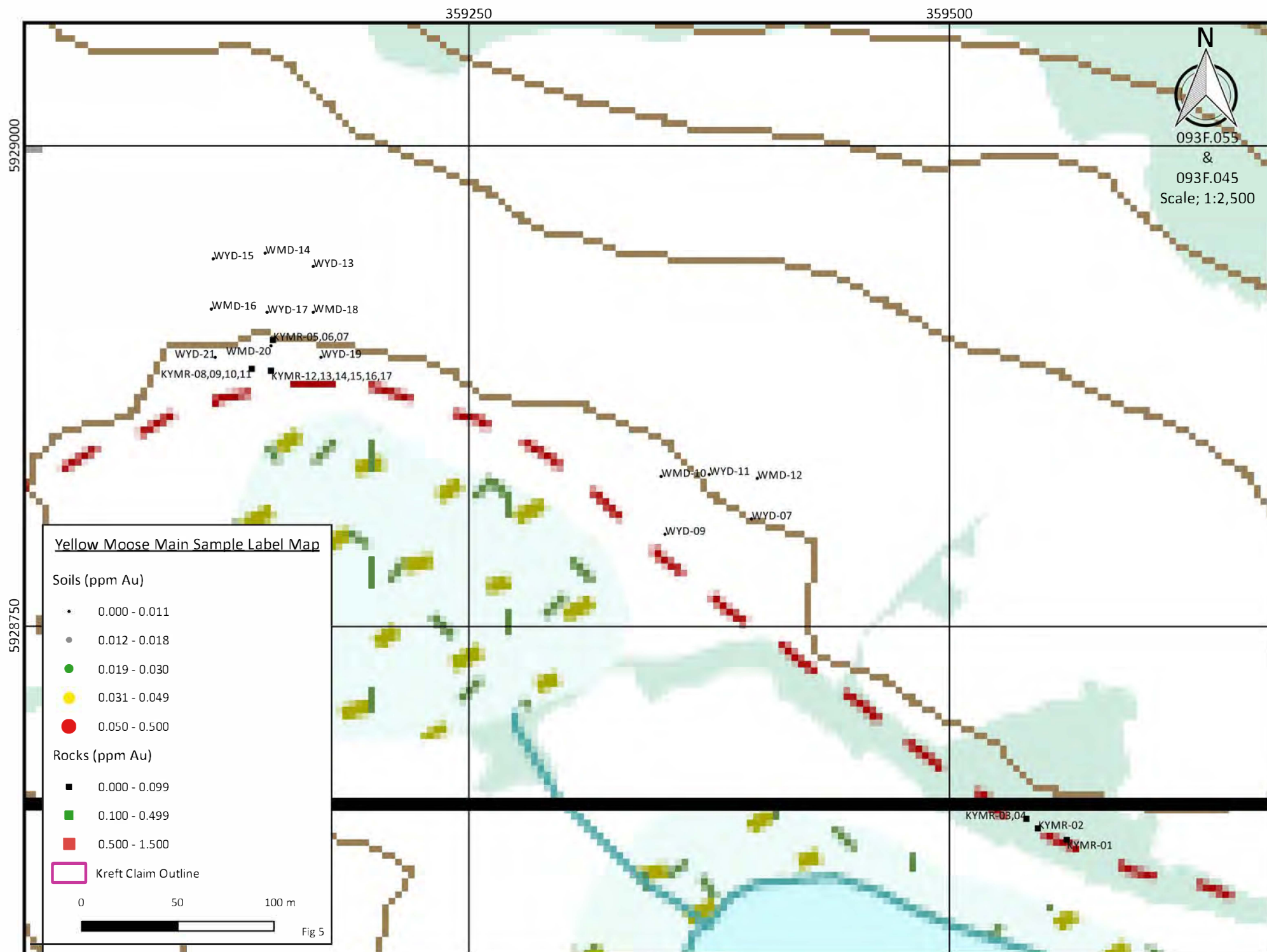
**Current Work and Results** – Exploration work at the Yellow Moose Project was conducted on the 2<sup>nd</sup> and 3<sup>rd</sup> of June and yielded 17 rock samples and 21 soil samples. Rock samples were taken from hand dug pits and trenches while till samples were taken at approximately 80cm depth using hand-held soil augers. Sample sites were marked in the field using flagging inscribed with the sample code, with soils collected in standard soil sample packets and rock samples placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by Bureau Veritas, with soils prepped by SS80 (dry and sieve 100g of soil to -80 mesh), and rocks prepped using PRP70-250 (crush 70% to 10 mesh and pulverize a 250g split). All samples were analyzed using FA430 (30g Au fire assay).

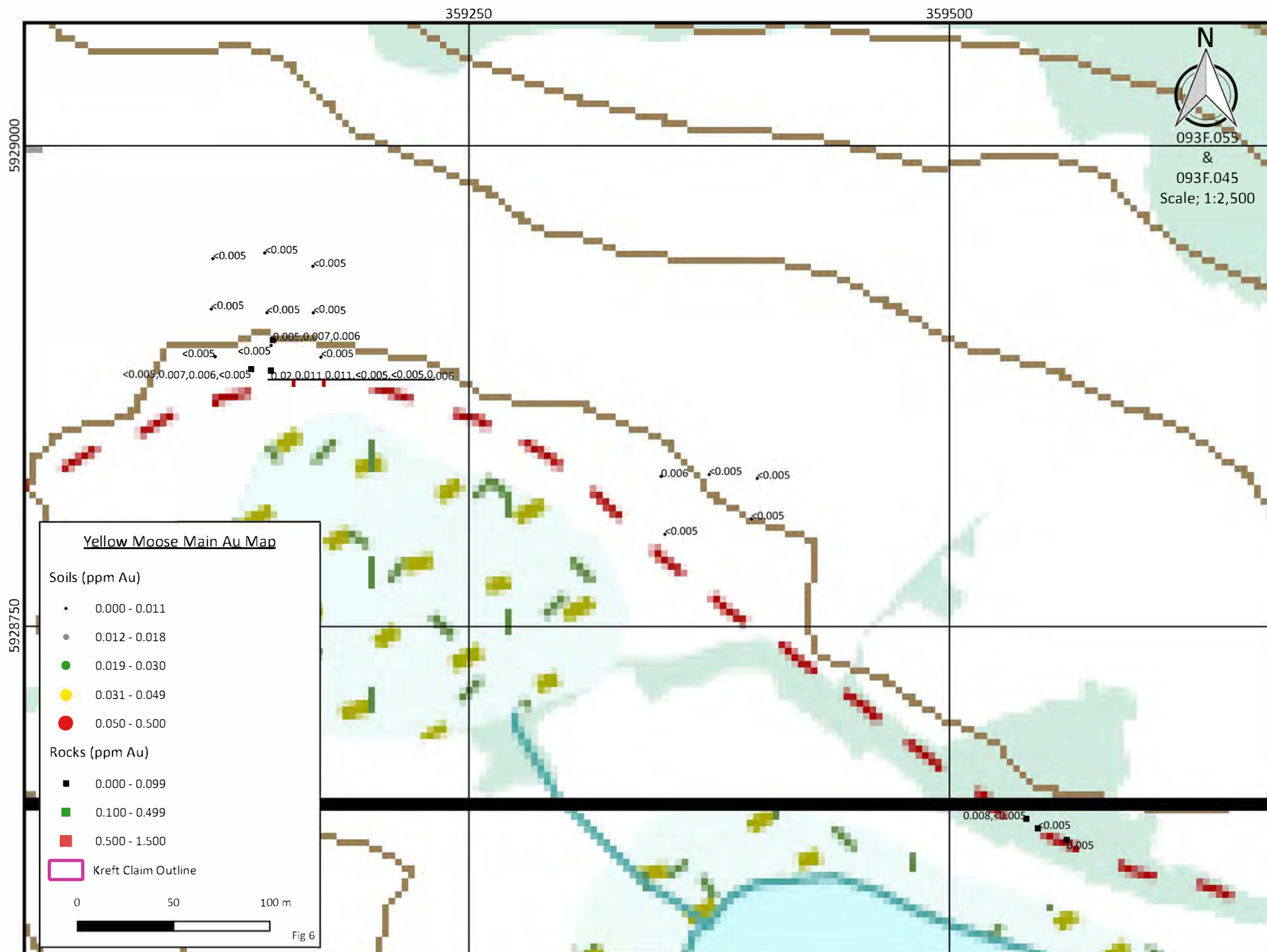
Fieldwork was designed to provide follow up sampling of several of the anomalies identified by 2016 fieldwork conducted in the area of the TL Showing. Although numerous areas of silicification, brecciation, bleaching, clay alteration and vein to fracture fillings of grey to black quartz and/or chalcedony were identified, analytical results yielded maximum values of only 0.020 ppm Au in rock and 0.006 ppm Au in soil. Hand trenching was attempted in several areas but overburden depths were often beyond the capabilities of a pick and shovel approach.

**Conclusions** – Fieldwork conducted during 2017 coupled with the results of a review of previous exploration efforts has helped define numerous epithermal style mineralized and altered showings with occasional precious metals values within Eocene (approx. 56-47ma) Ootsa Lake volcanics, with this geological setting somewhat analogous to the Great Basin in Nevada and the Republic Graben in Washington. Although a significant mineralized zone has yet to be identified on the property, this may be due to the fact that controls on mineralization are poorly understood due to extensive glacial till masking bedrock and a lack of a modern property wide geophysical database with which to interpret bedrock geology. Furthermore much of the historical vectoring work consisted of traditional B-horizon soil sampling which is now known to be an extremely poor sampling method within glaciated terrain. The 2017 fieldwork employed deep till sampling with weak results suggesting that biogeochemical sampling will likely be a superior vectoring tool. Due to these factors it is the author's opinion that excellent exploration potential remains.

**Recommendations** – Further work on the Yellow Moose project is recommended and should initially consist of a property wide airborne magnetic and radiometric geophysical survey coupled with a regional as well as property scale biogeochemical sampling program. Mapping, prospecting and excavator trenching of the TL and Arrow Lake showings is also recommended. Pending favorable results from this work, a RAB or RC drill program may be considered.









359750

360000

360250



093F.055  
&  
093F.045  
Scale; 1:2,500

5928500

5928250


### Yellow Moose East Sample Label Map

#### Soils (ppm Au)

- 0.000 - 0.011
- 0.012 - 0.018
- 0.019 - 0.030
- 0.031 - 0.049
- 0.050 - 0.500

#### Rocks (ppm Au)

- 0.000 - 0.099
- 0.100 - 0.499
- 0.500 - 1.500

 Kreft Claim Outline

0 50 100 m

Fig 7

WYD-03  
WYD-02  
WYD-01  
WMD-04 WYD-05  
WMD-06

359750

360000

360250



093F.055  
&  
093F.045  
Scale; 1:2,500

5928500

5928250


### Yellow Moose East Au Map

#### Soils (ppm Au)

- 0.000 - 0.011
- 0.012 - 0.018
- 0.019 - 0.030
- 0.031 - 0.049
- 0.050 - 0.500

#### Rocks (ppm Au)

- 0.000 - 0.099
- 0.100 - 0.499
- 0.500 - 1.500

 Kreft Claim Outline

0 50 100 m

Fig 8

<0.005 <0.005 <0.005  
<0.005 <0.005 <0.005

**2017 Yellow Moose Rock Sample Table**

<b><u>Sample Code</u></b>	<b><u>Property</u></b>	<b><u>Easting</u></b>	<b><u>Northing</u></b>	<b><u>Description</u></b>	<b><u>Type</u></b>	<b><u>Wgt</u></b>	<b><u>Au</u></b>
KYMR-01	Yellow Moose	359561	5928639	rho frags from ditch trace lim minor milky qtz veinlets	Rock	0.29	0.005
KYMR-02	Yellow Moose	359546	5928645	clay altered and limonitic rhyolite	Rock	0.77	<0.005
KYMR-03	Yellow Moose	358540	5928650	crumbly decomposed rho clat alt minor lim 1m chip	Rock	0.63	0.008
KYMR-04	Yellow Moose	359540	5928651	small grab bag of qtz veined and brx rho frags minor lim surface rubble	Rock	0.18	<0.005
KYMR-05	Yellow Moose	359148	5928893	variably lim and brx rho with quartz cement and trace black matrix	Rock	0.78	0.005
KYMR-06	Yellow Moose	359148	5928893	variably lim and brx rho with quartz cement and trace black matrix	Rock	0.96	0.007
KYMR-07	Yellow Moose	359140	5928886	variably lim rho micro-brecciated black qtz filling in a few spots	Rock	0.83	0.006
KYMR-08	Yellow Moose	359137	5928884	as above	Rock	0.8	<0.005
KYMR-09	Yellow Moose	359139	5928881	brx bleached and clay altered rhyolite with black quartz matrix	Rock	0.86	0.007
KYMR-10	Yellow Moose	359139	5928881	as above with minor graphitic frags	Rock	0.65	0.006
KYMR-11	Yellow Moose	359134	5928883	as above with less clay alteration/bleaching tr py	Rock	0.94	<0.005
KYMR-12	Yellow Moose	359147	5928883	lim clay alt and bleached rho with trace diss py no obvious vns or brx	Rock	0.76	0.02
KYMR-13	Yellow Moose	359147	5928883	45cm chip sample of above	Rock	0.61	0.011
KYMR-14	Yellow Moose	359151	5928879	limonitic and silicic rho microbreccia matrix is smokey	Rock	0.43	0.011
KYMR-15	Yellow Moose	359161	5928818	micro brx bleached rho qtz cement smokey in part trace lim	Rock	0.97	<0.005
KYMR-16	Yellow Moose	359161	5928818	as above trace diss py	Rock	0.66	<0.005
KYMR-17	Yellow Moose	359147	5928883		Rock	0.23	0.006



**2017 Yellow Moose Soil Sample Table**

<b><u>Sample Code</u></b>	<b><u>Property</u></b>	<b><u>Easting</u></b>	<b><u>Northing</u></b>	<b><u>Description</u></b>	<b><u>Au</u></b>
WYD-01	Yellow Moose	359999	5928444	till	<0.005
WYD-02	Yellow Moose	359978	5928438	till	<0.005
WYD-03	Yellow Moose	359950	5928445	till	<0.005
WYD-05	Yellow Moose	359975	5928420	till	<0.005
WYD-07	Yellow Moose	359397	5928806	till	<0.005
WYD-09	Yellow Moose	359352	5928798	till	<0.005
WYD-11	Yellow Moose	359375	5928829	till	<0.005
WYD-13	Yellow Moose	359169	5928937	till	<0.005
WYD-15	Yellow Moose	359117	5928941	till	<0.005
WYD-17	Yellow Moose	359145	5928913	till	<0.005
WYD-19	Yellow Moose	359173	5928890	till	<0.005
WYD-21	Yellow Moose	359118	5928890	till	<0.005
WMD-04	Yellow Moose	359950	5928421	till	<0.005
WMD-06	Yellow Moose	359999	5928420	till	<0.005
WMD-08	Yellow Moose	359976	5928422	till	<0.005
WMD-10	Yellow Moose	359350	5928828	till	0.006
WMD-12	Yellow Moose	359400	5928827	till	<0.005
WMD-14	Yellow Moose	359144	5928944	till	<0.005
WMD-16	Yellow Moose	359116	5928915	till	<0.005
WMD-18	Yellow Moose	359169	5928913	till	<0.005
WMD-20	Yellow Moose	359147	5928896	till	<0.005

**Statement Of Qualifications**

I, Bernie Kreft, directed and participated in the exploration work described herein.

I have 30 years prospecting experience in the Yukon and BC.

This report is based on fieldwork directed or conducted by the author, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed June 2<sup>nd</sup> and 3<sup>rd</sup> of the 2017 field season.

This report is based on fieldwork completed on the Yellow Moose Project

Respectfully Submitted,

---

Bernie Kreft

## Statement of Costs

Wages Jarret Kreft (2.0 field day x \$325/day) June 2 <sup>nd</sup> and 3 <sup>rd</sup> , 2017	\$650.00
Wages Joel Wynnyk (2.0 field day x \$325/day) June 2 <sup>nd</sup> and 3 <sup>rd</sup> , 2017	\$650.00
Wages Bernie Kreft (2.0 field day x \$475/day) June 2 <sup>nd</sup> and 3 <sup>rd</sup> , 2017	\$950.00
Bureau Veritas (17 rocks, 21 soils, FA430)	\$797.85
Report writing, data research and compilation, map making	\$1,500.00
Food, Field Supplies, Camp (3 people x 2 days x \$150/day/person)	\$900.00
Truck Travel 1,297.5 kilometres x \$0.75/km	\$973.13
0.5 day travel - wages for 3 people (wages as above)	\$562.50
0.5 day travel - food and hotel for 3 people (\$150/day/person)	\$225.00
Sample Shipping Greyhound	\$60.29
<b>Sub Total</b>	\$7,268.77
5% Management Fee	\$363.44
<b>Total</b>	\$7,632.21





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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft  
Receiving Lab: Canada-Vancouver  
Received: June 15, 2017  
Report Date: August 10, 2017  
Page: 1 of 5

## CERTIFICATE OF ANALYSIS

VAN17001166.2

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 98

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	98	Crush, split and pulverize 250 g rock to 200 mesh			VAN
FA430	76	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	76	Environmental disposal charge-Fire assay lead waste			VAN
AQ201	22	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
AQ300	21	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
DRPLP	98	Warehouse handling / disposition of pulps			VAN
DRRJT	88	Warehouse handling / Disposition of reject			VAN
MA404	8	4 Acid Digest AAS Finish Vancouver	0.5	Completed	VAN
GC204	8	HF + AR digestion, analyzed by ICP & MS analysis	0.25	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: MA404-Zn & GC204-Ge included.

Invoice To: Kreft, Bernie  
1 Locust Place  
Whitehorse Yukon Y1A 5G9  
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

**Project:** None Given  
**Report Date:** August 10, 2017

**Page:** 4 of 5

**Part:** 1 of 4

# CERTIFICATE OF ANALYSIS

VAN17001166.2

	Method	Analyte	Unit	MDL	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201				
					Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
					0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
JUR-04	Rock				0.69	<0.005																			
JUR-05	Rock				0.98	<0.005																			
JUR-06	Rock				0.40	<0.005																			
JCR-01	Rock				0.39	<0.005																			
JCR-02	Rock				0.36	<0.005																			
JCR-03	Rock				0.34	0.018																			
JCR-04	Rock				0.38	0.032																			
JCR-05	Rock				0.46	0.013																			
JCR-06	Rock				0.42	<0.005																			
JCR-07	Rock				0.45	0.009																			
JCR-08	Rock				0.37	0.011																			
JCR-09	Rock				0.30	0.015																			
BCLR-01	Rock				0.14	<0.005																			
BCLR-02	Rock				0.56	0.045																			
BCLR-03	Rock				0.45	<0.005																			
BCLR-04	Rock				0.23	0.015																			
BCLR-05	Rock				0.65	0.025																			
BCLR-06	Rock				0.26	<0.005																			
BCLR-07	Rock				0.14	<0.005																			
BCLR-08	Rock				0.35	0.019																			
BCLR-09	Rock				0.35	<0.005																			
KYMR-01	Rock				0.29	0.005																			
KYMR-02	Rock				0.77	<0.005																			
KYMR-03	Rock				0.63	0.008																			
KYMR-04	Rock				0.18	<0.005																			
KYMR-05	Rock				0.78	0.005																			
KYMR-06	Rock				0.96	0.007																			
KYMR-07	Rock				0.83	0.006																			
KYMR-08	Rock				0.80	<0.005																			
KYMR-09	Rock				0.86	0.007																			



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PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given  
Report Date: August 10, 2017

Page: 5 of 5

Part: 1 of 4

# CERTIFICATE OF ANALYSIS

**VAN17001166.2**

	Method Analyte Unit MDL	WGHT	FA430	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
KYMR-10	Rock	0.65	0.006																		
KYMR-11	Rock	0.94	<0.005																		
KYMR-12	Rock	0.76	0.020																		
KYMR-13	Rock	0.61	0.011																		
KYMR-14	Rock	0.43	0.011																		
KYMR-15	Rock	0.97	<0.005																		
KYMR-16	Rock	0.66	<0.005																		
KYMR-17	Rock	0.23	0.006																		





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PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft  
Receiving Lab: Canada-Vancouver  
Received: June 15, 2017  
Report Date: July 05, 2017  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

VAN17001167.1

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 163

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kreft, Bernie  
1 Locust Place  
Whitehorse Yukon Y1A 5G9  
Canada

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	161	Dry at 60C			VAN
SS80	161	Dry at 60C sieve 100g to -80 mesh			VAN
FA430	106	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	106	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	30	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ200	55	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	161	Warehouse handling / disposition of pulps			VAN

### ADDITIONAL COMMENTS



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\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

**Project:** None Given  
**Report Date:** July 05, 2017

**Page:** 6 of 7

**Part:** 1 of 4

# CERTIFICATE OF ANALYSIS

VAN17001167.1

	Method	Analyte	Unit	MDL	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300			
					Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
WCLD-03	Soil	<0.005																						
WCLD-04	Soil	0.006																						
WCLD-05	Soil	<0.005																						
WCLD-06	Soil	<0.005																						
WCLD-07	Soil	<0.005																						
WCLD-08	Soil	<0.005																						
WCLD-09	Soil	<0.005																						
WCLD-10	Soil	<0.005																						
WCLD-11	Soil	0.005																						
WCLD-12	Soil	0.007																						
WCLD-13	Soil	<0.005																						
WCLD-14	Soil	0.007																						
WCLD-15	Soil	<0.005																						
WCLD-16	Soil	0.015																						
JCD-01	Soil	<0.005																						
JCD-02	Soil	<0.005																						
JCD-03	Soil	<0.005																						
JCD-05	Soil	<0.005																						
JCD-06	Soil	<0.005																						
JCD-07	Soil	<0.005																						
BBD-01	Soil	<0.005	<1	22	12	68	<0.3	15	8	429	2.49	47	2	8	<0.5	<3	<3	45	0.12	0.127	11			
WYD-01	Soil	<0.005																						
WYD-02	Soil	<0.005																						
WYD-03	Soil	<0.005																						
WYD-5	Soil	<0.005																						
WYD-7	Soil	<0.005																						
WYD-9	Soil	<0.005																						
WYD-10	Soil	<0.005																						
WYD-11	Soil	<0.005																						
WYD-13	Soil	<0.005																						



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PHONE (604) 253-3158

**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

**Project:** None Given  
**Report Date:** July 05, 2017

**Page:** 7 of 7

**Part:** 1 of 4

# CERTIFICATE OF ANALYSIS

**VAN17001167.1**

	Method	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
WYD-15	Soil	<0.005																			
WYD-17	Soil	<0.005																			
WYD-19	Soil	<0.005																			
WYD-21	Soil	<0.005																			
WMD-04	Soil	<0.005																			
WMD-06	Soil	<0.005																			
WMD-08	Soil	0.006																			
WMD-10	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
WMD-12	Soil	<0.005																			
WMD-14	Soil	<0.005																			
WMD-16	Soil	<0.005																			
WMD-18	Soil	<0.005																			
WMD-20	Soil	<0.005																			