

Assessment Report on 2017 Surface work

**On the
Clear Creek Property**

Dawson Mining Division
Yukon Territory

398,500mE and 7,085,000mN
UTM Nad83 Zone 8N
NTS: 115P14

YC84372 – YC84377	Ellen 1 - 6
YD05581 – YD05582	Ellen 7 - 8
YC84360 – YC84371	Mary 1 - 12
YD05583 – YD05617	Mary 13 - 47
YD60081 – YD60101	Zoe 1 – 21
YD60114 – YD60118	Zoe 34 -38
YD60136 – YD60139	Zoe 56 - 59

Operated by and recorded to:

Bernie Kreft

for



By

Marty Huber, P.Geol.

March 29, 2018

Contents

Contents	ii
List of Figures	ii
List of Tables	iii
Introduction and Terms of Reference.....	1
Location, Property Information, and Access.....	1
Previous Work.....	2
Geology and Mineralization.....	7
Deposit Model.....	8
2017 Exploration	11
Rock Sampling.....	11
Saddle Rock Results	11
Eiger Rock Results	11
Soil Sampling.....	11
Soil Results	12
Data Verification	12
Interpretation and Conclusion.....	13
Recommendations	13
References	14
Certificate of Qualifications	17
Appendix A – Statement of Costs	
Appendix B – Sample Locations and Rock Descriptions	
Appendix C –Analytical Certificates	

List of Figures

Figure 1 - Location.....	5
Figure 2 – Claims	6
Figure 3 – Yukon Terranes	9
Figure 4 – Geology	10
Figure 5 - Rock and Soil Locations.....	15
Figure 6 - Rock and Soil Results	16

List of Tables

Table 1 - List of Claims 1
Table 2 - Yukon MINFILE Showings 2
Table 3- Exploration History..... 3
Table 4 - Soil Results 12
Table 5 - Soil Element Correlation Matrix..... 12

Introduction and Terms of Reference

Bernie Kreft (“Kreft”) was engaged by Kestrel Gold Inc. (“Kestrel”) to carry out surface exploration on the Clear Creek property (“Clear Creek” or the “Property”) in the Yukon in 2017. Professional Geologist, Marty Huber (the “Author”), was engaged by Kestrel to report on the exploration program. This technical report (the “Report”) describes the 2017 work, which consisted of geochemical soil and rock sampling. The goal of the work was to define geochemical trends that may lead to gold mineralization. The main purpose of the Report is to complete statutory assessment work filings required under Yukon mining regulations. It is not intended and does not fully comply with National Instrument 43-101.

Location, Property Information, and Access

The Clear Creek property covers an approximate area of 1,760 hectares within the Dawson Mining Division of Yukon Territory. It is located approximately 110 km east of Dawson City (Figure 1). The approximate centre of the property is described by 398,500mE and 7,085,000mN, UTM Nad83 Zone 8N on N.T.S. sheets 115P14. The Property includes 85 contiguous, un-surveyed mineral titles (Figure 2) more fully described in Table 1 below.

Table 1 - List of Claims

Grant Number	Name	Recorded To	Expiry
YC84372 – YC84377	Ellen 1 - 6	Bernard Kreft – 100%	2020\12\31
YD05581 – YD05582	Ellen 7 - 8	Bernard Kreft – 100%	2020\12\31
YC84360 – YC84371	Mary 1 - 12	Bernard Kreft – 100%	2021\12\31
YD05583 – YD05605	Mary 13 – 35	Bernard Kreft – 100%	2020\12\31
YD05606	Mary 36	Bernard Kreft – 100%	2021\12\31
YD05607	Mary 37	Bernard Kreft – 100%	2020\12\31
YD05608	Mary 38	Bernard Kreft – 100%	2021\12\31
YD05609	Mary 39	Bernard Kreft – 100%	2020\12\31
YD05610	Mary 40	Bernard Kreft – 100%	2021\12\31
YD05611	Mary 41	Bernard Kreft – 100%	2020\12\31
YD05612	Mary 42	Bernard Kreft – 100%	2021\12\31
YD05613	Mary 43	Bernard Kreft – 100%	2020\12\31
YD05614	Mary 44	Bernard Kreft – 100%	2021\12\31
YD05615 – YD05617	Mary 45 – 47	Bernard Kreft – 100%	2020\12\31
YD60081 – YD60101	Zoe 1 – 21	Bernard Kreft – 100%	2020\12\31
YD60114 – YD60118	Zoe 34 -38	Bernard Kreft – 100%	2020\12\31
YD60136 – YD60139	Zoe 56 - 59	Bernard Kreft – 100%	2020\12\31

On April 27, 2017 Kestrel entered into an option agreement with the Kreft. Under the terms of the agreement Kestrel has the option to earn 100% interest in the Property, in order to do so they must spend \$350,000 on exploration, drill a minimum of 2,500 metres (core or RC) and make annual cash and Kestrel share issuances to Kreft. The project is also subject to a 2.5% royalty payable to Kreft with a buy down of 60% for \$1,500,000.

Access into the project area is by a 46 kilometre long (approximate 1.4 hours travel time) government maintained gravel road originating at Barlow Lake on the Klondike Highway and ending in the valley of the Left Fork of Clear Creek near its confluence with Right Fork Clear Creek. Rough roads related to placer mining extend along both forks of Clear Creek from this point, with further access to the project

provided by 4-wheel drive roads. The access road is in good condition apart from a seasonal washout that exists where the road leaves the Clear Creek valley bottom near the end of the placer workings, and begins its climb up the hillside. Numerous local exploration roads provide rough access to most of the zones. A camp can be supported from Dawson City, where a wide range of services are available or from Whitehorse where a full range of services are available including line-cutting, geophysics, drilling, assaying, aircraft charters etc.

The Clear Creek property is located at the transition between the Klondike Plateau and more mountainous terrain to the north. Topography is moderate to steep, but generally not a hindrance to exploration efforts. Property elevations range from 1000 to 1830 meters. The majority of the property is located above tree line, with vegetation consisting of mosses, grasses and some willow. The Clear Creek property has a northern interior climate characterized by a wide temperature range with warm summers, long cold winters and light precipitation. The property experiences rapid weather changes with somewhat cooler weather and more precipitation than what typically occurs in the Dawson area. Windstorms are common at higher elevations. A normal field season lasts from late May to mid-September, but certain types of exploration and mining are possible on a year round basis. The area escaped the last two continental glaciation episodes, but was affected by montane glaciation resulting in the presence of several cirques and moraines. True outcrop is rare, but there is abundant subcrop and locally derived talus suitable for surface prospecting and rock-sampling purposes.

Previous Work

The YGS MINFILE database lists four significant mineral showings documented within or near the Project Area and are listed in Table 2 below (Figure 4).

MINFILE No.	MINFILE Name	Type	Description
115P011	Josephine	Plutonic related Au	The Josephine showing encompasses mineralization observed in the Saddle, Eiger and Josephine stocks: the Saddle zone is noted as a mineralized shear zone 300m wide by 2,700m long with several quartz-sulfide veins containing up to 3.7 g/t Au, trenching returned a 160 m anomalous zone with 2.11 g/t Au over 24m and up to 6.05 g/t over 5m; the Eiger zone mineralization is associated with quartz-arsenopyrite veins striking 100° and dipping steeply south, assays range up to 343.5 g/t Au and 4.7 g/t Au over 5m; the Josephine zone consists of quartz-arsenopyrite-pyrrhotite veins in hornfels with values up to 5.14 g/t Au and up to 7.63 g/t Au from a stockwork of quartz-feldspar-scheelite veinlets.
115P 013	Pukelman	Plutonic related Au	Gold bearing arsenopyrite, galena and scheelite occur in sheeted quartz veins and argillically altered stockworks adjacent to the stock. Values up to 45.0 g/t Au and 227.7 g/t Au returned from vein material.
115P023	Clear Creek Project	Plutonic Related Au	Gold bearing quartz-arsenopyrite veins and large geochemical anomalies associated with contact between Tombstone Plutonic Suite and Hyland Group metasedimentary rocks. Bear Paw breccia zone – Gold mineralization occurs in hydrothermal breccias with quartz stockwork + K-feldspar + sulfide veins overprinting earlier intrusive and tectonic breccias. Drilling included 2 g/t over 26.7m
115P 012	Rhosgobel	Skarn W	Hyland Group rocks intruded by a quartz veined porphyritic granite stock. Scheelite, gold and arsenopyrite occur in quartz veins and in diopside skarn along margins of the stock.

The Clear Creek area has a long history of placer activity dating back to 1900 when the first placers claims were recorded. Hard rock activity in the area was first recorded in 1902 with work at Lewis Gulch and Josephine Creek. Table 3 below lists all known exploration history covering the Clear Creek property. The data was compiled using the Yukon Geological Survey's Integrated Data System (YGSIDS) and Yukon Mining Map Viewer.

Table 3- Exploration History

Assessment Report #	Year	Operator	Author	Work completed
090926	1981	Canada Tungsten	Rainbird, R.H.	soil, rock, silt geochemistry, prospecting, mapping
092146	1987	Goldrite Mining Corp.	Nicholson, G.	soil geochemistry, prospecting,
062291	1987	M.E. Compu Software Inc.	Wallis, J.E.	Data compilation, summarize pre existing data
092748	1989	Goldrite Mining Corp.	Doherty, R.A.	soil, rock, silt geochemistry, prospecting, mapping, geophysics, at Saddle / Contact ; diamond drilling at Contact;
092984	1991	Noranda Exploration Co.	Duke, J.L.	Soil and rock geochemistry and trenching
093011	1991	Noranda exploration Co.	Duke, J.L.	Soil and rock geochemistry, IP and magnetics ground survey, and trenching
093097	1992	Noranda Exploration Co.	Bidwell, G.	Reverse circulation drilling
093289	1994	Ivanhoe GoldFields Ltd.	Doherty, R.A.	geochemical sampling, geological mapping, road and grid construction
093372	1995	Kennecott Canada Ltd.	Coombes, S.F.	reverse circulation drilling, geochemical sampling, geological mapping and road construction
093767	1997	Newmont Exploration Ltd.	Stammers, M.A.	Soil geochemistry, mapping and line cutting
093763	1997	New Millennium Mining	Doherty, R.A.	Trenching
093937	1998	Newmont Mines Ltd.	Stammers, M.A.	soil, rock, silt geochemistry, prospecting, mapping, property wide airborne EM and radiometrics
094058	1999	Newmont Exploration Ltd.	Stammers, M.A.	Soil and rock geochemistry, diamond drilling and line cutting
095031	2004	StrataGold Corp.	Hladky, D.	Orthophoto, Satellite Imagery
094885	2006	StrataGold Corp.	Ferguson, K.	Soil, and silt, geochemistry and trenching
095152	2009	Bernie Kreft	Kreft, B.	Soil and rock geochemistry and prospecting
095539	2011	Golden Predator Canada Corp.	O'Brien, E.	Diamond drilling and Reverse circulation drilling
095984	2011	Golden Predator Canada Corp	Shutty, M.	Diamond drilling, soil geochemistry

After the original staking in the early 1900's little hard rock exploration was completed in the area until the demand for tungsten in the late 1970's and early 1980's drove activity back into the area with exploration focused on skarns related to the Rhosgobelm, Pukelman and Barney stocks. Canada Tungsten was first to notice the potential for lode gold deposits in the area with strong gold assays from stream, soil and rock samples, however with declining tungsten and tin market these claims were allowed to lapse.

In the late 1980's and early 1990's the area was explored by Cambridge Resources Ltd. and Secret Pass Minerals with soil surveys, IP surveys, mapping, road building, trenching and limited diamond drilling. The work focused on a gold bearing semi-massive pyrite showing in a shear zone on Left Clear Creek.

In 1993 Ivanhoe Goldfields Ltd. completed geochemical sampling and mapping over the Rhosgobel, Saddle, Eiger, Pukelman, Josephine, Barney and Far stocks. The report (093161) produced from the work completed offers an excellent summary of the project area.

In 1994 First Dynasty Mines Ltd. acquired the Clear Creek property through a reverse takeover of Ivanhoe Goldfields and completed soil sampling and road construction on Barney Ridge and mapping, soil sampling and rock sampling on the Saddle stock.

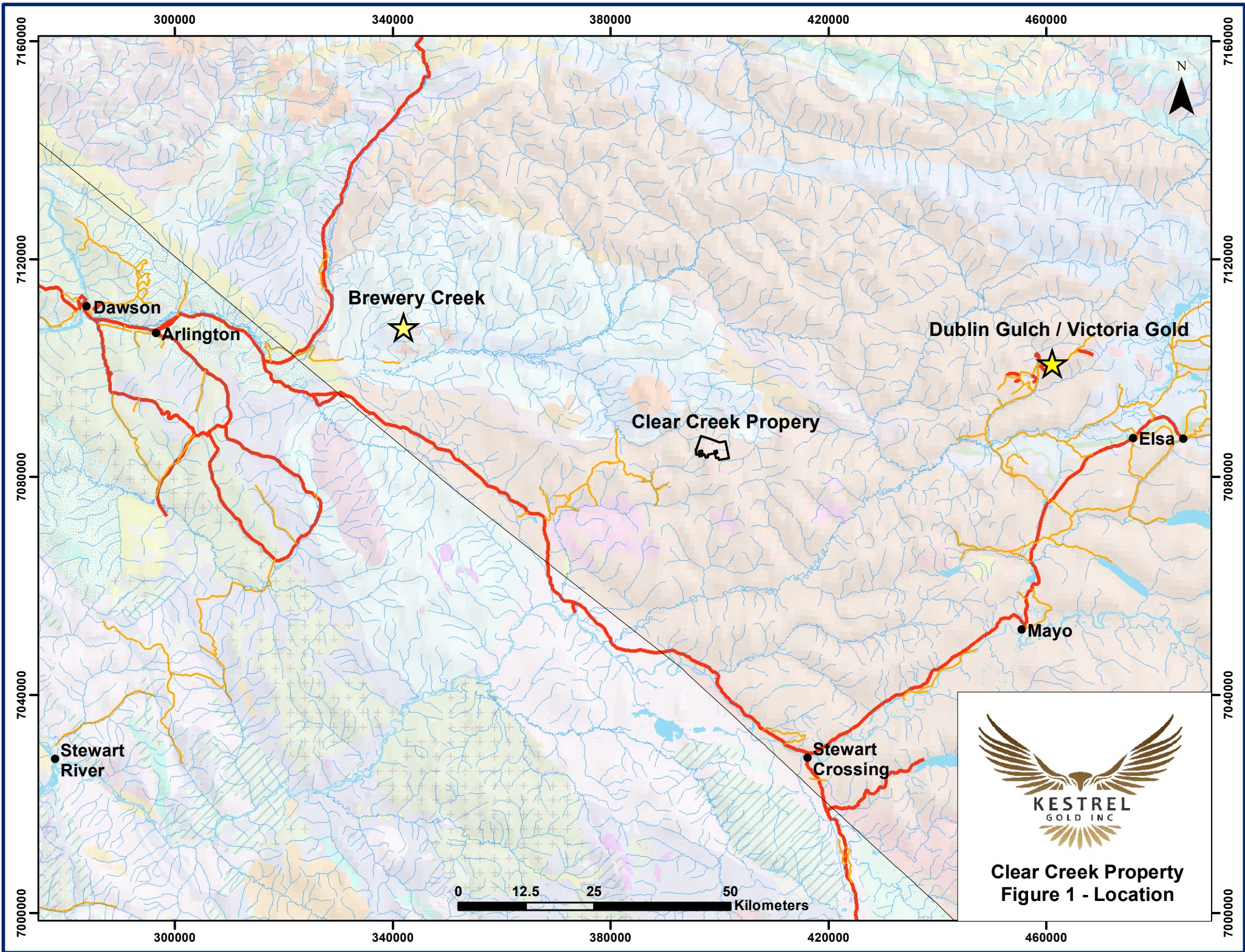
Kennecott Canada Inc. optioned the property in 1995 and completed road construction, bulldozer trenching, geological mapping and soil sampling. Drilling tested the bulk tonnage, low grade gold (Fort Knox) potential of the sheeted quartz-tourmaline stockwork zone in the Rhosgobel quartz monzonite body. Sub-grade gold results were not up to Kennecott's expectations and the option was dropped.

In 1997, New Millennium performed road building, trenching, geological mapping and soil sampling with work concentrated in the Saddle and Barney stock areas.

Newmont Mines Ltd. acquired the option from New Millennium and consolidating their tenure position in the Clear Creek area, Newmont completed a two stage exploration program that comprised geological and geochemical surveys in July 1998 and an airborne magnetic and radiometric geophysical survey in August 1998. The magnetic survey indicated little contrast between the intrusive stocks and the surrounding metasediments. It also identified two dominate structural trends, oriented NW-SE and WNW-ESE defined by linear magnetic lows interpreted to be major faults (Stammers, 1998).

In 2009 Bernard Kreft of Whitehorse staked 55 claims covering the Eiger, Saddle and Josephine Stocks and portions of the Pukelman stock. This same year Kreft completed road rehabilitation, prospecting and rock sampling concentrated on the four stocks. Grab samples from the Pukelman North zone returned assays up to 7.09 g/t Au, Eiger zone returned 2.26 g/t Au

In 2010 the property was optioned to Golden Predator Canada Corp. who completed 1,139.95m of reverse circulation drilling that summer over 18 holes. An interval of 1.24 g/t Au over 22.86m on the Saddle zone was encountered from this work (O'Brien, 2011). The overall 2010 program appears to have been designed around road access rather than targeting anomalous trends and geological structures, leading to less favourable results.



KESTREL
GOLD INC

Clear Creek Property
Figure 1 - Location

396000

398000

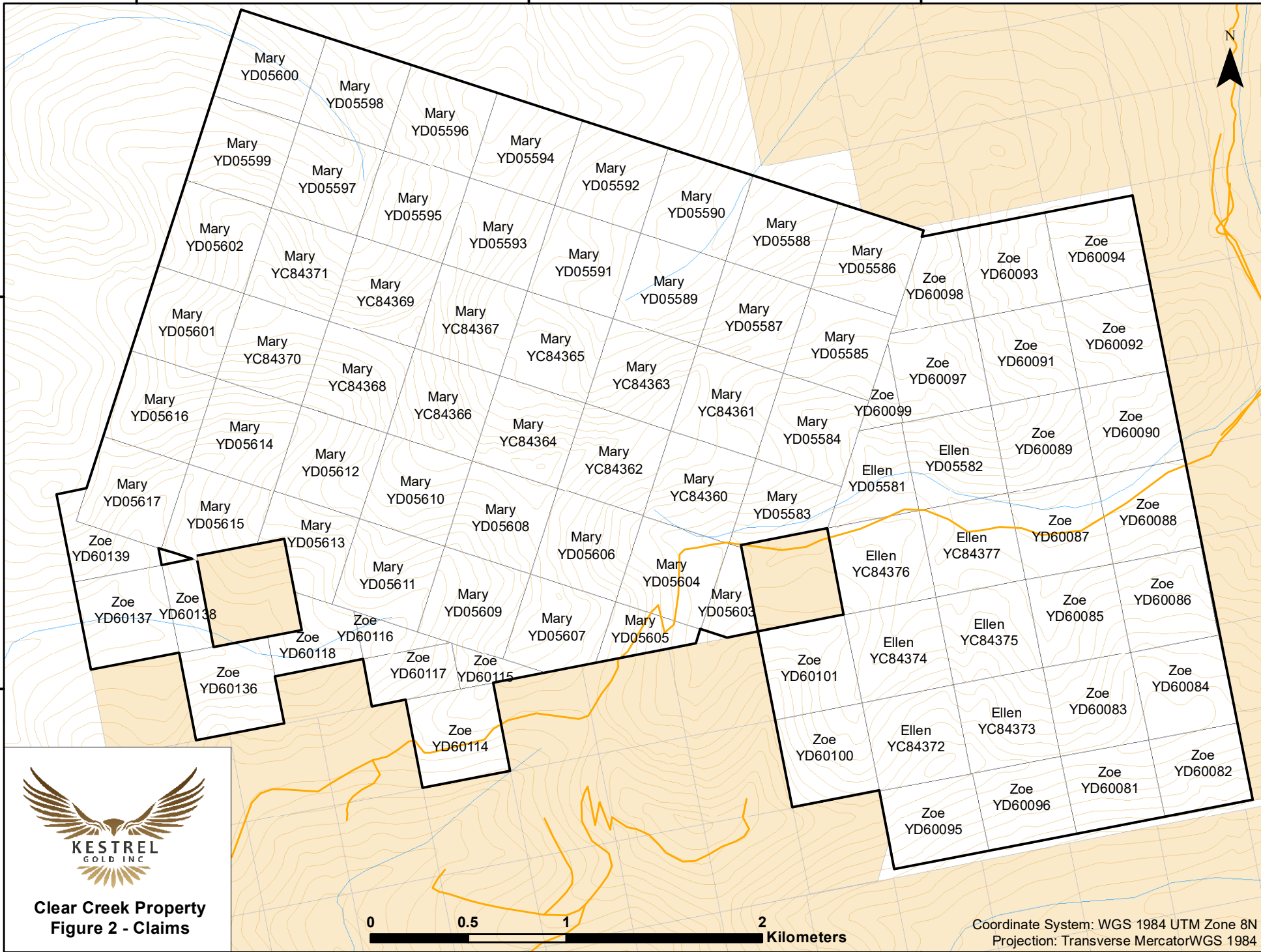
400000

7086000

7086000

7084000

7084000



**Clear Creek Property
Figure 2 - Claims**



Coordinate System: WGS 1984 UTM Zone 8N
Projection: Transverse Mercator WGS 1984

396000

398000

400000

Geology and Mineralization

The following geological description is derived from regional compilation maps by Gordey and Makepeace (2000) and descriptions by Hart (2002).

Regionally, the Clear Creek area lies northwest of the Tintina Fault within the western part of the Upper Proterozoic to Mississippian Selwyn Basin (Figure 3). The Selwyn Basin is disrupted by folding and faulting, and is divided into three tectonic sheets by the Dawson, Tombstone, and Robert Service thrusts. These tectonic sheets were subsequently intruded by the northwest trending Mid-Cretaceous Tombstone Suite and the Late Cretaceous McQueston Suite. Together these intrusive suites are commonly referred to as the Tombstone Belt.

The property is primarily underlain by Neoproterozoic Yusezyu Formation (PCH1) part of the Hyland Group which is described as coarse to fine grained clastic sediments. The Hyland Group consists of phyllite, schist, quartzite, meta-grit, metamorphosed fine pebble conglomerate and rare limestone (Figure 4). Hyland Group sediments form the oldest group of the Selwyn Basin which underlies much of the area northeast of the Tintina Fault Zone. The general trend of the schistosity and bedding in the area strikes west-northwesterly and dips gently to moderately northeast. Regional metamorphic grade is nominally greenschist but is transitional and decreases from south to north.

The Property covers the Saddle, Eiger, Josephine and portions of the Pukelman stocks belonging to the mid-Cretaceous Tombstone Plutonic Suite (TPS) which are interpreted as upper-level members of a single larger intrusive event. The composition of TPS stocks vary from quartz monzonite to granite, granodiorite and diorite (Murphy, 1997). Zones of massive quartz-biotite hornfels and rare calc-silicate skarn as well as auriferous quartz-sulphide veins are often associated with large TPS stocks. Zones of variably mineralized, hydrothermal breccias are spatially and possibly temporally related to the intrusive rocks (Stephens, 2000). Gold mineralization often occurs within veins adjacent to these stocks (Marsh et al., 1999).

Gold mineralization is predominantly associated with quartz veining occurring within intrusive as well as hornfels, with zones of potential interest found in areas of stockwork or sheeted veining. The linear nature of many of the gold soil anomalies suggests a strong structural control on mineralization. Anomalous gold values have also been found within argillically altered and limonitic intrusive material with an absence of veining. Gold is associated with anomalous arsenic and bismuth and occasional tungsten, with the highest gold grades invariably associated with highly anomalous bismuth. Where attitudes could be measured, the highest gold values encountered during 2009 were found associated with vein and alteration zones trending approximately 100-120 degrees. Stephens (2000) notes the gold bearing mineralization associated with east-west sheeted quartz veins within the intrusions at approximately 085° and within the Hyland Group rocks at approximately 105°. Previous work has identified visible gold associated with bismuth within quartz veins at the Eiger Zone which, when coupled with the presence of significant amounts of placer gold within area creeks, suggests that coarse visible gold may be more widespread in the area than work to date suggests.

Deposit Model

Exploration on the Property has been focused on an intrusion related gold system. The Project Area lies in an underexplored part of the loosely defined Tintina Gold Belt. This metallurgical province has past production of 29.9 million ounces and 39.3 million ounces of resources for total gold resources of 69.2 million ounces. Notable gold deposits are Donlin Creek, Ft. Knox, Pogo, Brewery Creek and Dublin Gulch (Victoria Gold). Gold mineralization on the Clear Creek intrusions share strong similarities with Dublin Gulch (Victoria Gold) deposit and the Fort Knox deposit in Alaska, including sheeted quartz veins, anomalous tungsten, arsenic and bismuth as well as mineralized metasediments adjacent to the intrusive bodies.

Deposits and occurrences within the belt are associated with mid to late Cretaceous intrusions hosted by the intrusions and/or the older basement rocks. There is typically a strong correlation between gold and bismuth with low and reduced sulfide mineralogy.

The following description of the epizonal plutonic-related gold quartz deposit model is summarized from Lefebure and Hart (2005).

Gold mineralization is hosted by millimetre to metre wide quartz veins in equigranular to porphyritic granitic intrusions and adjacent hornfelsed country rock. The veins are sheeted and less typically, weakly developed stockworks. The density of the veins and veinlets is a critical element for defining ore. Native gold occurs associated with minor pyrite, arsenopyrite, pyrrhotite, scheelite and bismuth and telluride minerals. Epizonal veins are arsenopyrite-pyrite rich and lack associated bismuth, tellurium and tungsten minerals. A number of deposits have late and/or peripheral arsenopyrite, stibnite or galena veins.

Epizonal mineralization, typically less focused than the deeper intrusion-related type, may be disseminated, or occur as replacements. The thicker shear-veins are typically in fault zones outside of the pluton. The sheeted and stockwork zones extend up to a kilometre in the greatest dimension, while individual veins can be traced for more than a kilometre in exceptional cases.

The host rocks are granitic intrusions and variably metamorphosed sedimentary rocks. Associated volcanic rocks are rare. The granitoid rocks are lithologically variable, but typically granodiorite, quartz monzonite to granite. Most intrusions have some degree of lithological variation that appear as multiple phases that can include monzonite, monzogranite, albite granites, alkali syenite and syenite. The more differentiated phases commonly contain feldspar and quartz and less than 5% mafic minerals. Some deposits have abundant associated dykes.

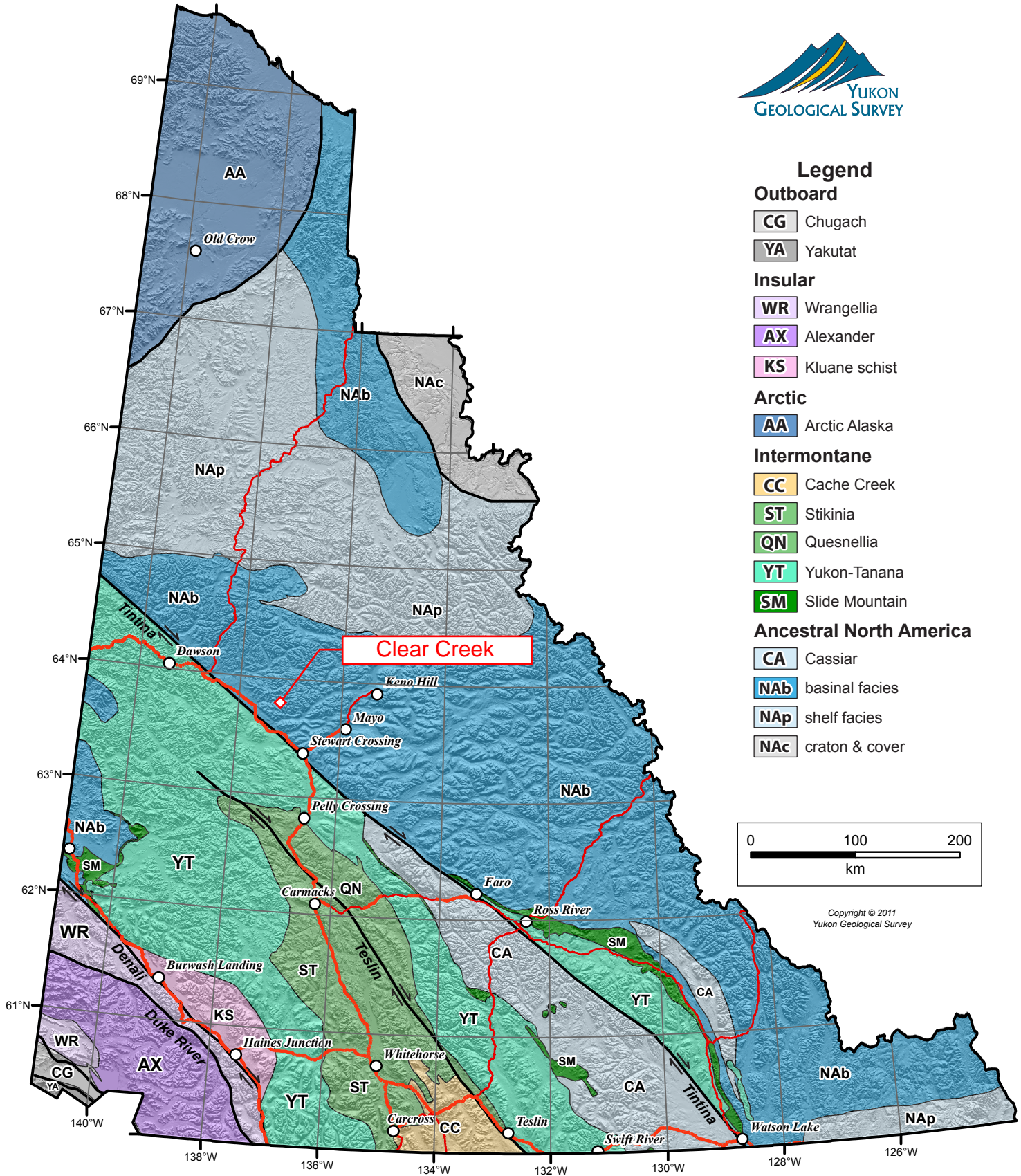
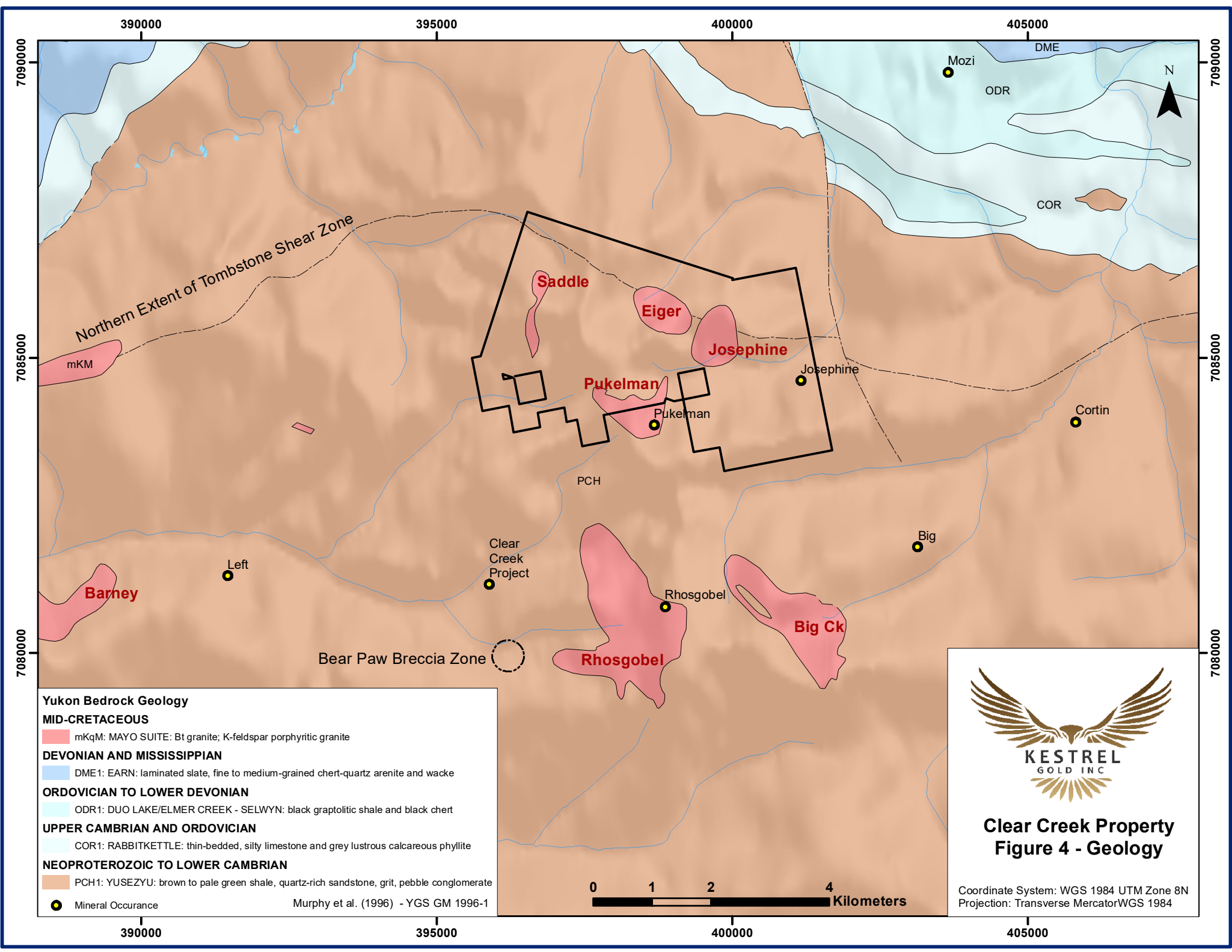


Figure 3 - Yukon Tectonic Map



Yukon Bedrock Geology

MID-CRETACEOUS

- mKqM: MAYO SUITE: Bt granite; K-feldspar porphyritic granite

DEVONIAN AND MISSISSIPPIAN

- DME1: EARN: laminated slate, fine to medium-grained chert-quartz arenite and wacke

ORDOVICIAN TO LOWER DEVONIAN

- ODR1: DUO LAKE/ELMER CREEK - SELWYN: black graptolitic shale and black chert

UPPER CAMBRIAN AND ORDOVICIAN

- COR1: RABBITKETTLE: thin-bedded, silty limestone and grey lustrous calcareous phyllite

NEOPROTEROZOIC TO LOWER CAMBRIAN

- PCH1: YUSEZYU: brown to pale green shale, quartz-rich sandstone, grit, pebble conglomerate

● Mineral Occurrence

Murphy et al. (1996) - YGS GM 1996-1

**Clear Creek Property
Figure 4 - Geology**

Coordinate System: WGS 1984 UTM Zone 8N
Projection: Transverse Mercator WGS 1984

2017 Exploration

Surface exploration on the Property, including travel to and from Whitehorse, Yukon, was completed between July 11th and July 19th for a total of 12 man days. The crew included four Whitehorse based prospectors: Bernie Kreft, Jarret Kreft, Justin Kreft and Joel Wynnyk. The crew was set up at the Bonanza Creek Campground with travel to and from the Property by truck, approximately 170 km. Analytical work was completed by Bureau Veritas Laboratories (“BV”), final analytical results were received on October 3, 2017. The Author compiled the field data into digital maps and wrote this Report up to March 26, 2018. A detailed Statement of Work is included herein as Appendix A.

Rock Sampling

A total of 59 rocks were collected over the Saddle and Eiger zones during the 2017 field season. Sample locations were tagged in field using flagging inscribed with the sample code. Sample descriptions were recorded in field with hand written notes and locations recorded with Garmin GPS receivers in map datum UTM Nad83 Zone 8N. Sample Locations (Figure 5) and descriptions are included as Appendix B. Rock samples were placed in industry standard poly rock bags with the appropriate sample numbers marked in indelible ink. Samples were then sealed in rice bags and taken to Whitehorse for preparation and subsequently to Vancouver for analysis. Samples were crushed, split, and pulverized to ≥85 % passing 200 mesh (BV Code PRP70-250) and analyzed for gold by 30 g lead collection fire assay fusion with AAS finish (BV code FA430) samples were also analyzed for 33 elements by 0.5 gram Aqua Regia digestion, ICP-ES finish (BV code AQ300; Appendix C).

Saddle Rock Results

Rock results returned from the Saddle zone ranged from below detection (i.e. < 0.005 ppm Au) up to a maximum of 5.591 ppm Au (BKIR-15; Figure 6). This sample was taken from a quartz-arsenopyrite vein which also returned > 10000 ppm As. Sample JCR-12 taken from a quartz limonite vein assayed 1.863 ppm Au. Sample JCR-11 a bleached phyllite with quartz stockwork and limonite assayed 1.249 ppm Au. Several additional samples returned values > 0.200 ppm Au associated with quartz veining and stockwork.

Eiger Rock Results

Excellent results were returned from the Eiger zone with values up to 100.1 ppm Au, 34.7 ppm Ag, and >10000 ppm As (JEIR-05) taken from a 2cm wide massive pyrite-quartz-arsenopyrite vein (Figure 6). Sample JEIR-11 assayed 26.4 ppm Au, 30.5 ppm Ag and >10000 ppm As; taken from a quartz-arsenopyrite vein with semi-massive sulfides. The 2017 work also identified quartz veining from the Eiger stock striking in a roughly east-west direction. Eleven additional samples from this zone returned values greater than 1.0 ppm Au more fully described in Appendix B.

Soil Sampling

A total of 48 soil samples were collected over the Saddle and Eiger zones on the Property in 2017. Sample locations were tagged in field using flagging inscribed with the sample code. Sample locations were recorded using Garmin GPS receivers in map datum UTM Nad83 Zone 9N. Samples taken over the Saddle zone were taken at 50m intervals along three east-west lines spaced 75 - 100m apart north-south (Figure 5). Nine soil samples taken over the Eiger zone were collected to fill in previous sampling gaps.

Sample material consisted of talus taken from depths varying from 20 - 70 cm using hand held augers and shovels. Sample locations and descriptions are included as appendix B. Soil samples were placed in Kraft-type paper bags with the appropriate sample numbers marked with indelible ink. Samples were dried, then sealed in rice bags and taken to Whitehorse for preparation and subsequently to Vancouver for analysis. Samples were crushed, split, and pulverized to $\geq 85\%$ passing 200 mesh (BV Code PRP70-250) and analyzed for gold by 30 g lead collection fire assay fusion with AAS finish (BV code FA430) samples were also analyzed for 33 elements by 0.5 gram Aqua Regia digestion, ICP-ES finish (BV code AQ300; Appendix C).

Soil Results

Samples from the soil survey returned Au values ranging from below detection (i.e. < 0.005 ppm Au) to a maximum of 1.55 ppm Au. Gold, arsenic, bismuth and tungsten results from 2017 were evaluated as calculated percentiles (Table 4) and gold was plotted as a thematic map (Figure 6). Soil results were also evaluated with a Pearson product-moment correlation to determine relationships between various elements, values range between -1 (negative correlation) to 1 (positive correlation). Elements with a moderate to strong correlation with Au are presented in Table 5 below.

Table 4 - Soil Results

Field	Count	Maximum	Mean	Standard Deviation	50 th %ile	70 th %ile	80 th %ile	90 th %ile	98 th %ile
Au ppm	48	1.55	0.26	0.33	0.14	0.30	0.36	0.92	1.03
As ppm	48	2242	443.13	420.98	317.00	531.90	742.60	1121.40	1295.42
Bi ppm	48	78	7.73	12.88	3.00	5.00	6.00	30.85	41.34
W ppm	48	77	12.56	14.81	9.00	13.90	16.80	42.45	59.14

Table 5 - Soil Element Correlation Matrix

Field	Au	Ag	As	Bi	W
Au	1.00	0.55	0.69	0.79	0.69
As	0.69	0.67	1.00	0.82	0.62
Cu	0.51	0.41	0.68	0.56	0.55
Bi	0.79	0.74	0.82	1.00	0.76
W	0.69	0.56	0.62	0.76	1.00

Excellent results were returned from both the Saddle and Eiger sampling. All soils collected from the Eiger zone returned results > 0.185 ppm Au with four of those being > 0.500 ppm Au including 1.55 ppm Au. Several highly anomalous As values were also recorded over the Eiger zone with up to 2,242 ppm As and 1,235 ppm As. The Saddle zone sampling also returned highly anomalous results with 16 of the samples returning > 0.130 ppm Au and up to 0.938 ppm Au. Soil results also indicated gold having strong correlation with arsenic, bismuth and tungsten and a moderate correlation with copper.

Data Verification

It is the Authors opinion that the sampling procedures, security measures, sample preparations, and analytical methods applied to the rock samples were diligently followed and are adequate to meet industry standards commonly accepted for this level of exploration. The Author has relied upon the adequacy and accuracy of the analytical results provided by BV. Independent verification of those results has not been undertaken. The Author reconciled the field data with the analytical results and found no irregularities.

Interpretation and Conclusion

The exceptional results from the 2017 field work on the Clear Creek property further attest to the highly prospective nature of the claims. A statistical breakdown of the 2017 gold-in-soil results categorized the 50th percentile break at 0.140 ppm Au and the 98th percentile over 1.00 ppm Au, these are magnitudes higher than most gold projects in the Yukon. Although this only represents an analysis of 48 samples, previous work on the property indicate similar results. These gold-in-soil results have also shown a strong correlation with arsenic, bismuth and tungsten over the Eiger and Saddle zones, which is beneficial for high grade gold mineralization on the property.

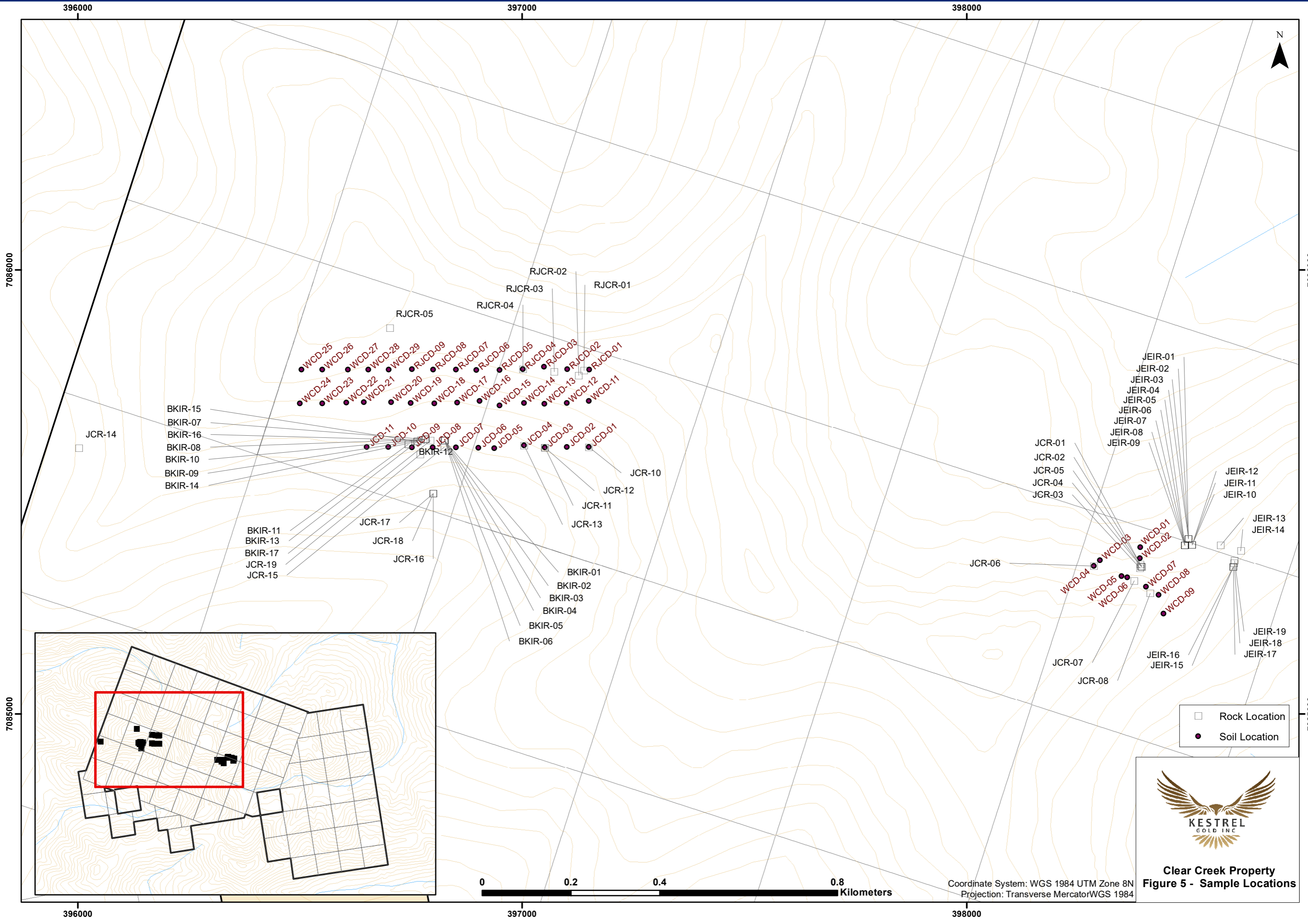
Previous and current work on the property have proven a relationship in rock samples with high grade gold and sheeted quartz veins and stockwork in and around the felsic stocks. Several east-west trending quartz veins were observed in the 2017 work around the Eiger stock, this is a favourable orientation for gold bearing quartz veins in TPS intrusions and the Hyland Group rocks (Stevens, 2000). It has also been noted by Kreft (2009) that numerous small areas of exposed intrusive occur throughout the property, which suggests that large portions of the brittle outer shell of the stocks remain intact or only slightly eroded. These outer shells or haloes with sheeted quartz veins and stockwork contain the large tonnage, low bulk grade gold found at Fort Knox and similarly at Dublin Gulch. This bulk-tonnage gold potential exists within the Saddle, Eiger and Pukelman stocks.

Recommendations

Based on the favourable geology, highly anomalous soils over large extents, high grade rock samples, and infrastructure to access the Property it is the Author's opinion that the Clear Creek property is of significant merit to continue work. It is recommended that 2018 work begin with the acquisition of a Class III YESAA permit to allow for multi-year exploration with larger programs for drilling, trenching, and the establishment of a camp. During the 2018 field season it is advised to map out geological structures associated with the Eiger and Saddle zones to better define drill targets. It is highly recommended that the target west of the Eiger zone with rock samples up to 100 ppm Au be further explored by means of trenching. Areas west of the Saddle stock remain untested by soil sampling and prospecting, these should be filled in to assist in generating drill targets for this zone.

References

- Gordey, S. P. and Makepeace, A.J. (2000): Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.): Geol. Survey of Canada, Open File D3826.
- Hart, C. (2002): The Geological Framework of the Yukon Territory, Yukon Geology Website: http://www.geology.gov.yk.ca/pdf/bedrock_geology.pdf
- Hart, C., (2005): Classifying, distinguishing and exploring for Intrusion-Related Gold Systems in The Gangue - Geological Association of Canada, Mineral Deposits Division Issue 87.
- Kreft, B., (2010): Prospecting and Geochemical Sampling on the Clear Creek Project, Dawson Mining District, Yukon, NTS Sheet 115P14, 63°48' W / 137°10' N, (Assessment report #095540).
- Marsh, E.E., Hart, C.J.R, Goldfarb, R.J. and Allen, T.L., 1999. Geology and geochemistry of the Clear Creek gold occurrences, Tombstone gold belt, central Yukon Territory. In: Yukon Exploration and Geology 1998, C.F. Roots and D.S. Emond (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 185-196.
- Murphy, D. C. (1997): Geology of the McQueston River Region, Northern McQueston and Mayo Map Areas, Yukon Territory (115P/14, 15, 16l 105M/13, 14), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.
- Roots, C.F. (1997): Geology of the Mayo Map area, Yukon Territory (105M), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.
- Schulze, C. (2012): Technical Report for the Barney Ridge Property, Dawson Mining District, Yukon, NTS Sheet 115P14, 63°48' W / 137°10' N, (unpub).
- Stammers, M.A. (1999): Geochemical and Diamond Drilling Assessment Report on the Clear Creek Property; report for Redstar Resources Corporation by Pamicon Developments Ltd.
- Stephens, J.R., Oliver, N.H.S., Baker, T., and Hart, C.J.R., 2000. Structural evolution and controls on gold mineralization at Clear Creek, Yukon. In: Yukon Exploration and Geology 1999, Emond, D.S. and Weston, L.W. (eds.), Exploration and Geological Sciences Division, Yukon Region, Indian and Northern Affairs Canada, p. 151-163.
- Stephens, J.R. and Weeks, S., 2001. Intrusive-breccia-hosted gold mineralization associated with ca. 92 Ma Tombstone Plutonic Suite magmatism: An example from the Bear Paw breccia zone, Clear Creek, Tintina gold belt, Yukon. In: Yukon Exploration and Geology 2000, Emond, D.S. and Weston, L.W. (eds.), Exploration and Geological Sciences Division, Yukon Region, Indian and Northern Affairs Canada, p. 347-353.



WCD-25 ● WCD-26 ● WCD-27 ● WCD-28 ● WCD-29 ● WCD-24 ● WCD-23 ● WCD-22 ● WCD-21 ● WCD-20 ● WCD-19 ● WCD-18 ● WCD-17 ● WCD-16 ● WCD-15 ● WCD-14 ● WCD-13 ● WCD-12 ● WCD-11 ●
 RJCD-09 ● RJCD-08 ● RJCD-07 ● RJCD-06 ● RJCD-05 ● RJCD-04 ● RJCD-03 ● RJCD-02 ● RJCD-01 ●
 RJCR-02 ● RJCR-03 ● RJCR-04 ● RJCR-05 ●

BKIR-15 ●
 BKIR-07 ●
 BKIR-16 ●
 BKIR-08 ●
 BKIR-10 ●
 BKIR-09 ●
 BKIR-14 ●

BKIR-11 ●
 BKIR-13 ●
 BKIR-17 ●
 JCR-19 ●
 JCR-15 ●

JCR-17 ●
 JCR-18 ●
 JCR-16 ●

JCD-11 ● JCD-10 ● JCD-09 ● JCD-08 ● JCD-07 ● JCD-06 ● JCD-05 ● JCD-04 ● JCD-03 ● JCD-02 ● JCD-01 ●

JCR-10 ●
 JCR-12 ●
 JCR-11 ●
 JCR-13 ●

BKIR-01 ●
 BKIR-02 ●
 BKIR-03 ●
 BKIR-04 ●
 BKIR-05 ●
 BKIR-06 ●

JCR-06 ●

WCD-04 ● WCD-03 ● WCD-01 ● WCD-02 ●
 WCD-05 ● WCD-06 ● WCD-07 ● WCD-08 ● WCD-09 ●

JCR-01 ●
 JCR-02 ●
 JCR-05 ●
 JCR-04 ●
 JCR-03 ●

JEIR-01 ●
 JEIR-02 ●
 JEIR-03 ●
 JEIR-04 ●
 JEIR-05 ●
 JEIR-06 ●
 JEIR-07 ●
 JEIR-08 ●
 JEIR-09 ●

JEIR-12 ●
 JEIR-11 ●
 JEIR-10 ●

JEIR-13 ●
 JEIR-14 ●

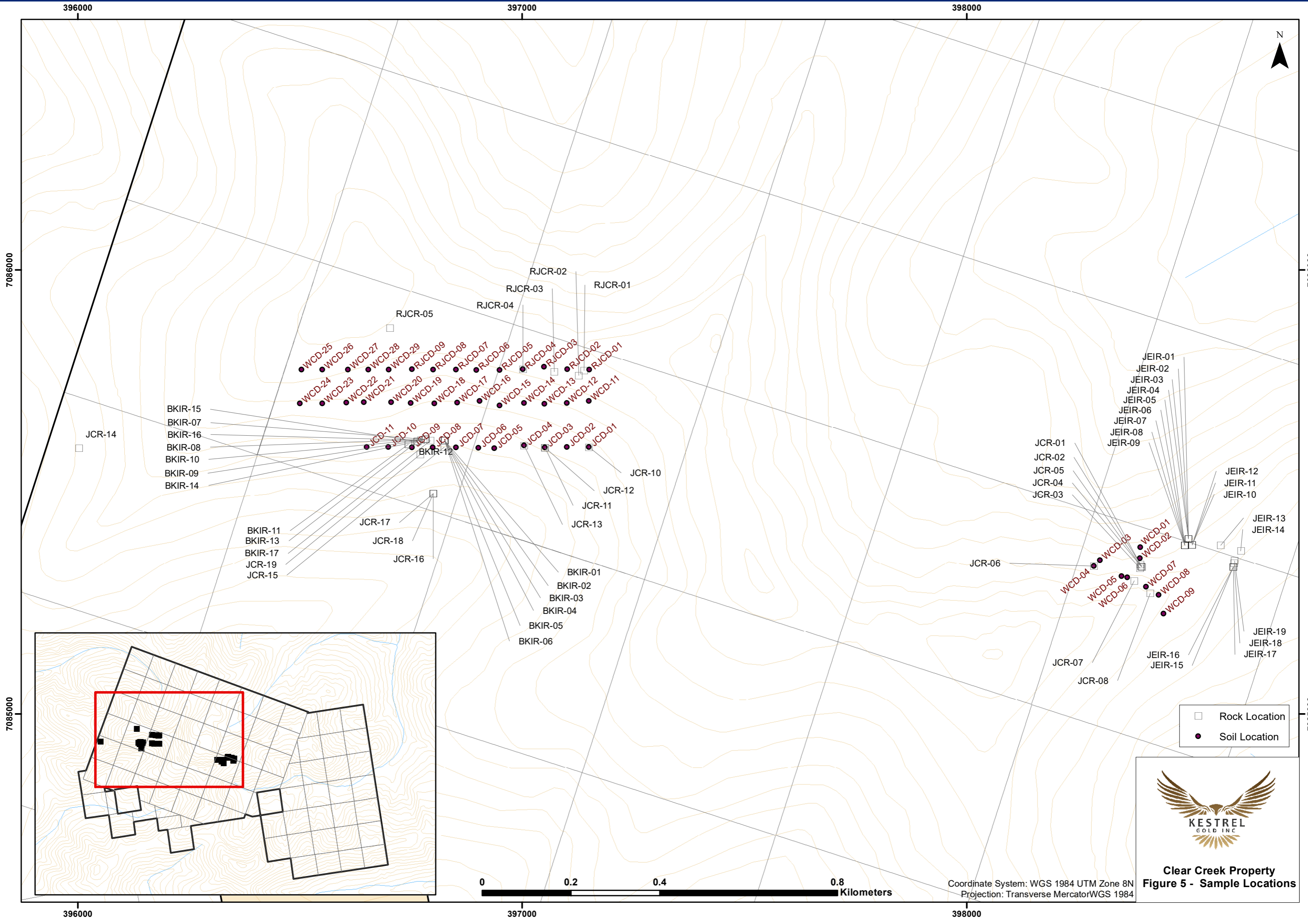
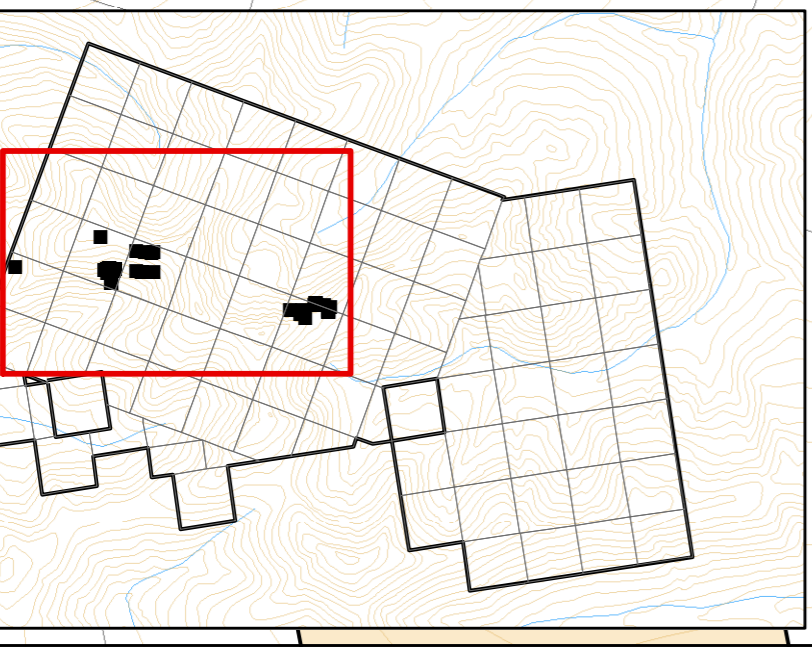
JEIR-19 ●
 JEIR-18 ●
 JEIR-17 ●

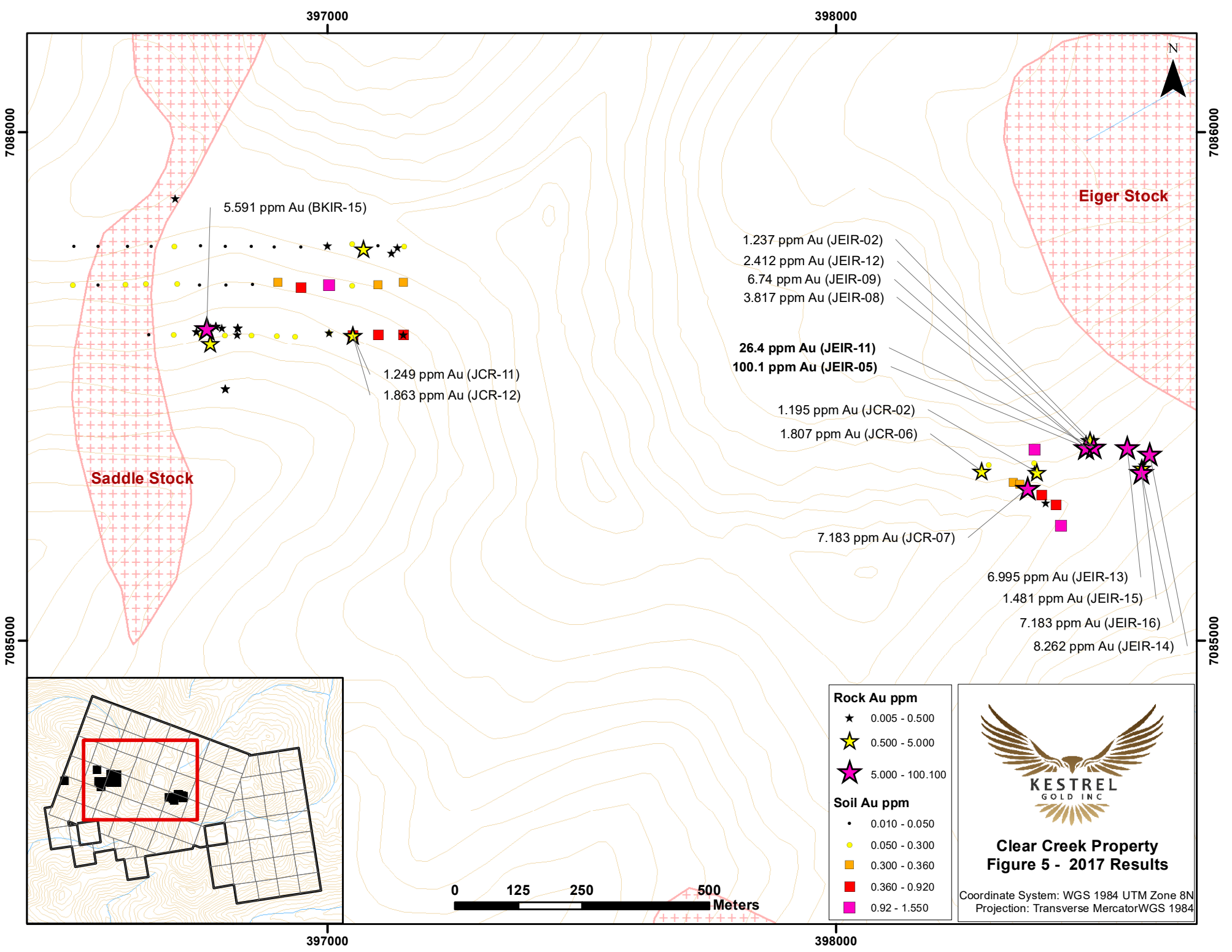
□ Rock Location
 ● Soil Location



Clear Creek Property
Figure 5 - Sample Locations

Coordinate System: WGS 1984 UTM Zone 8N
 Projection: Transverse Mercator WGS 1984





7086000

7085000

7086000

7085000

397000

398000

397000

398000

Saddle Stock

Eiger Stock

5.591 ppm Au (BKIR-15)

1.249 ppm Au (JCR-11)

1.863 ppm Au (JCR-12)

1.237 ppm Au (JEIR-02)

2.412 ppm Au (JEIR-12)

6.74 ppm Au (JEIR-09)

3.817 ppm Au (JEIR-08)

26.4 ppm Au (JEIR-11)

100.1 ppm Au (JEIR-05)

1.195 ppm Au (JCR-02)

1.807 ppm Au (JCR-06)

7.183 ppm Au (JCR-07)

6.995 ppm Au (JEIR-13)

1.481 ppm Au (JEIR-15)

7.183 ppm Au (JEIR-16)

8.262 ppm Au (JEIR-14)

Rock Au ppm

- ★ 0.005 - 0.500
- ★ 0.500 - 5.000
- ★ 5.000 - 100.100

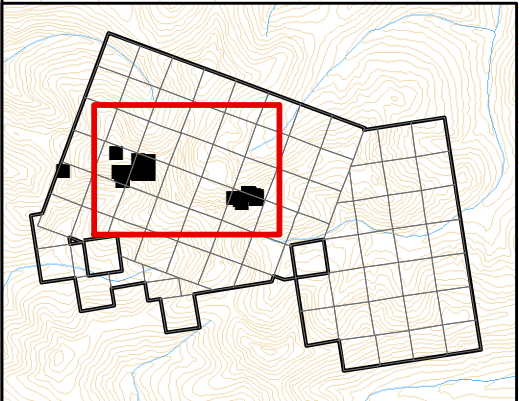
Soil Au ppm

- 0.010 - 0.050
- 0.050 - 0.300
- 0.300 - 0.360
- 0.360 - 0.920
- 0.92 - 1.550



**Clear Creek Property
Figure 5 - 2017 Results**

Coordinate System: WGS 1984 UTM Zone 8N
Projection: Transverse Mercator WGS 1984



Certificate of Qualifications

I, Marty Huber, having my place of residence at 16 Flax Mill Dr. Conestogo in the Province of Ontario, do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from Acadia University in May 2011, I have completed a Masters in Mineral Exploration from Laurentian University, I have practiced geology in Yukon, British Columbia, Quebec, and New Brunswick continuously since 2011 and I am a Member in good standing with the Association of Professional Geoscientists of Nova Scotia (APGNS #232) and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;
2. I have not visited the Clear Creek Property;
3. I wrote this technical report entitled "Assessment Report on 2017 Surface work on the Clear Creek Property, Dawson Mining Division, Yukon Territory 398,500mE and 7,085,000mN UTM Nad83 Zone 8N NTS: 115P14" based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources;
4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;
5. I hold no direct interest in the Clear Creek property as a result of my prior involvement with the property; and
6. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 29th day of March 2018,



Signature: 

Date: MARCH 29, 2018

Marty Huber, MSc, P. Geo.

Appendix A – Statement of Costs

Work completed July 11th to July 19th, 2017:

Kreft Crew completed prospecting and sampling on the subject claims.

Wages 12 man days prospecting and soil sampling	=	\$3,975.00
Assaying 41 rock samples and 49 soil samples FA430 and AQ300	=	\$2,231.41
Food, camp and field supplies 12 man days x \$100/day	=	\$1,200.00
Truck travel to and from Whitehorse and to property 1350km x \$0.60/km	=	\$810.00
Report Writing Marty Huber PGeo and Bernie Kreft	=	\$2,000.00
Sat phones (2) for 3 days	=	<u>\$150.00</u>
TOTAL	=	\$10,366.41

Appendix B – Sample Locations and Rock Descriptions

Appendix B - Rock Locations and Descriptions

<u>Sample Code</u>	<u>Property</u>	<u>Easting</u>	<u>Northing</u>	<u>Type</u>	<u>Description</u>	<u>Au</u>	<u>As</u>	<u>Ag</u>
BKIR-01	Clear Creek	396825	7085615	Rock	bleached clay alt lim int cut by sheeted qtz aspy vns 4x0.5cm wide vns 10cm wide sample	0.025	1887	<0.3
BKIR-02	Clear Creek	396825	7085615	Rock	qtz aspy vn lim vuggy poss part vn part heavily silicic wallrock 6cm wide	0.467	>10000	1.7
BKIR-03	Clear Creek	396825	7085615	Rock	bleached phyllite cut by stkwrk of fine lim lined fracs with fe-carb on selvages	0.009	196	<0.3
BKIR-04	Clear Creek	396825	7085615	Rock	as above intense brx and lots of lim	0.025	366	<0.3
BKIR-05	Clear Creek	396825	7085615	Rock	lim bleached clay alt int with no obvious qtz vns some spots of patchy pink hematitic alt	0.008	303	<0.3
BKIR-06	Clear Creek	396825	7085615	Rock	rep grabs of lim phyllite with rare qtz veinlets trace diss py weak bleaching	0.022	226	<0.3
BKIR-07	Clear Creek	396782	7085618	Rock	phyllite cut by sheeted vn set with bleached alt selvages and trace aspy in veins	0.175	525	<0.3
BKIR-08	Clear Creek	396782	7085618	Rock	lim bleached clay alt int cut by sheeted vn set 4x0.5cm vns over 10cm wide sample trace scorodite	0.268	1050	<0.3
BKIR-09	Clear Creek	396782	7085618	Rock	qtz phyllite brx or qtz brx vn, scorodite and aspy in qtz only trace fine sulphide visible but qtz is green/grey	0.059	1188	<0.3
BKIR-10	Clear Creek	396782	7085618	Rock	rough chip sample across 15.0m of rusty lim frac phyllite hfls	0.009	220	<0.3
BKIR-11	Clear Creek	396744	7085607	Rock	rough chip sample across 10.0m of qtz feldspar biotite int lim along fracs occasional qtz vns	0.076	133	<0.3
BKIR-12	Clear Creek	396744	7085607	Rock	as above but obvious qtz vns	0.129	182	<0.3
BKIR-13	Clear Creek	396764	7085614	Rock	bleached phyllite cut by lim qtz fracs with fe-carb alt selvages	0.006	585	<0.3
BKIR-14	Clear Creek	396764	7085614	Rock	clay alt lim bleached qtz rich int with 0.5cm qtz vn	0.234	825	6.2
BKIR-15	Clear Creek	396764	7085614	Rock	qtz aspy vn	5.591	>10000	3.5
BKIR-16	Clear Creek	396772	7085616	Rock	qtz vn with lim trace aspy approx 15cm wide, vn is vuggy	0.043	782	<0.3
BKIR-17	Clear Creek	396793	7085615	Rock	6cm wide qtz aspy vn	0.353	8041	2.2
JCR-01	Clear Creek	398391	7085337	Rock	pyritic qtzt cut by sheeted vn set	0.387	1891	<0.3
JCR-02	Clear Creek	398395	7085331	Rock	qtz aspy vn 2cm wide	1.195	>10000	2.1
JCR-03	Clear Creek	398390	7085328	Rock	phyllite cut by sheeted qtz py vein set	0.007	59	0.3
JCR-04	Clear Creek	398393	7085332	wa	limonitic phyllite as per JCR-03, wallrock only	0.046	224	<0.3
JCR-05	Clear Creek	398393	7085332	Rock	qtz stwrk in phyllite	0.055	67	<0.3
JCR-06	Clear Creek	398286	7085333	Rock	qtzt bleached with diss clots of py +/- aspy porbably mostly along frac surfaces but some diss	1.807	254	0.4
JCR-07	Clear Creek	398377	7085300	Rock	sheeted vn set cutting qtzt trace py in qtzt	7.183	189	1
JCR-08	Clear Creek	398413	7085271	Rock	phyllite cut by sheeted mm-scale qtz-asy vns	0.042	1458	<0.3
JCR-10	Clear Creek	397150	7085601	Rock	bleached phyllite cut by qtz stwrk with limonite, fe carb adjacent to fracs	0.02	580	<0.3
JCR-11	Clear Creek	397051	7085600	Rock	as per JCR-10	1.249	2707	0.8
JCR-12	Clear Creek	397051	7085600	Rock	qtz limonite vn qtz is greyish poss vfg aspy	1.863	1148	0.7
JCR-13	Clear Creek	397004	7085604	Rock	qtz biotite int cut by mm scale qvs trace py	0.085	134	<0.3
JCR-14	Clear Creek	396003	7085598	Rock	qtz biotite int cut by narrow qv trace aspy on frac	0.078	272	<0.3
JCR-15	Clear Creek	396824	7085601	Rock	limonitic int bleached cut by mm scale qv	0.01	172	<0.3
JCR-16	Clear Creek	396800	7085496	Rock	coarse qtz biotite int with mm scale qv	0.08	218	<0.3
JCR-17	Clear Creek	396800	7085496	Rock	int as per JCR-16, qtz aspy on frac	0.055	178	<0.3

Appendix B - Rock Locations and Descriptions

<u>Sample Code</u>	<u>Property</u>	<u>Easting</u>	<u>Northing</u>	<u>Type</u>	<u>Description</u>	<u>Au</u>	<u>As</u>	<u>Ag</u>
JCR-18	Clear Creek	396800	7085496	Rock	as per JCR-16 no qv	0.047	149	<0.3
JCR-19	Clear Creek	396770	7085584	Rock	bleached limonitic and brx phyllite cut by mm scale qv poss trace aspy	0.63	3581	0.3
JEIR-01	Clear Creek	398499	7085394	Rock	fine qtz diorite cut by 0.5cm qv which is oblique to main rusty frac set minor py in vein	0.181	396	0.4
JEIR-02	Clear Creek	398499	7085394	Rock	diorite sericite alt cut by narrow qtz aspy veinlet	1.237	>10000	9.7
JEIR-03	Clear Creek	398499	7085394	Rock	large 15cm wide qv with limonite	0.295	304	0.5
JEIR-04	Clear Creek	398499	7085394	Rock	wallrock to above qv, @ 30cm of wallrock taken 15cm from both sides of qv, footwall side is a bit limonitic hanging wall is barren/dry	0.064	1326	0.5
JEIR-05	Clear Creek	398491	7085380	Rock	narrow qtz aspy vein approx 2cm wide massive py-asy-qtz	100.1	>10000	34.7
JEIR-06	Clear Creek	398491	7085380	Rock	20cm chip sample across limonitic diorite and 2cm wide qtz-lime vn trace py poss aspy	0.816	1751	1.1
JEIR-07	Clear Creek	398491	7085380	Rock	rough 90cm chip sample of wall rock (diorite at samples 5/6) minor limonite trace diss py	0.037	107	<0.3
JEIR-08	Clear Creek	398491	7085380	Rock	sericite alt diorite limonitic weaklysheared cut by narrow qv (10cm wide sample)	3.817	4229	4.9
JEIR-09	Clear Creek	398491	7085380	Rock	60cm wide qtz-lim vn 1% aspy	6.74	2600	1.2
JEIR-10	Clear Creek	398507	7085381	Rock	thin bedded diorite limonitic, poss shear, rare mm-scale qtz-py vn bleach alt salvages	0.294	1354	0.5
JEIR-11	Clear Creek	398507	7085381	Rock	qtz aspy vn material semi-massive sulphide	26.4	>10000	30.5
JEIR-12	Clear Creek	398507	7085381	Rock	qtz limonite brx vn with 0.25% py-asy	2.412	2604	1.2
JEIR-13	Clear Creek	398572	7085380	Rock	qtz-asy vn talus	6.995	>10000	1.4
JEIR-14	Clear Creek	398617	7085367	Rock	at old sample site CCR09-064 1m chip sample sheared diorite or biotite hornfels	8.262	3316	1.5
JEIR-15	Clear Creek	398600	7085331	Rock	1.3m chip/channel sample of vfg diorite or bitotite hfls rare cm scale qv decomposed in spots	1.481	1247	0.5
JEIR-16	Clear Creek	398600	7085331	Rock	0.3m qtz aspy vn and gouge zone decomposed vfg diorite	7.183	>10000	0.9
JEIR-17	Clear Creek	398600	7085331	Rock	0.8m as per JEIR-15	0.499	251	0.4
JEIR-18	Clear Creek	398602	7085339	Rock	1.m chip/channel sample as per JEIR-17	0.844	149	<0.3
JEIR-19	Clear Creek	398603	7085345	Rock	1m channel/chip sample as per JEIR-15,17,18	0.345	306	<0.3
RJCR-01	Clear Creek	397139	7085773	Rock	sheeted vn with minor vugs set cutting phyllite	0.005	8	<0.3
RJCR-02	Clear Creek	397127	7085762	Rock	qtz biotite int with rusty fracs	0.146	28	<0.3
RJCR-03	Clear Creek	397072	7085770	Rock	qtz lim brx	0.968	2810	0.9
RJCR-04	Clear Creek	397001	7085776	Rock	lim phyllite	0.029	146	<0.3
RJCR-05	Clear Creek	396702	7085869	Rock	bleached phyllite with sheeted qtz lim vns	0.011	269	<0.3

Appendix B - Soil Sample Locations

Sample Code	Property	Easting	Northing	Description	Type
JCD-01	Clear Creek	397150	7085601	Talus	Soil
JCD-02	Clear Creek	397100	7085601	Talus	Soil
JCD-03	Clear Creek	397051	7085600	Talus	Soil
JCD-04	Clear Creek	397004	7085604	Talus	Soil
JCD-05	Clear Creek	396937	7085598	Talus	Soil
JCD-06	Clear Creek	396901	7085599	Talus	Soil
JCD-07	Clear Creek	396851	7085600	Talus	Soil
JCD-08	Clear Creek	396799	7085600	Talus	Soil
JCD-09	Clear Creek	396752	7085600	Talus	Soil
JCD-10	Clear Creek	396699	7085601	Talus	Soil
JCD-11	Clear Creek	396650	7085601	Talus	Soil
RJCD-01	Clear Creek	397151	7085775	Talus	Soil
RJCD-02	Clear Creek	397101	7085776	Talus	Soil
RJCD-03	Clear Creek	397049	7085781	Talus	Soil
RJCD-04	Clear Creek	397001	7085776	Talus	Soil
RJCD-05	Clear Creek	396949	7085774	Talus	Soil
RJCD-06	Clear Creek	396897	7085774	Talus	Soil
RJCD-07	Clear Creek	396851	7085775	Talus	Soil
RJCD-08	Clear Creek	396800	7085775	Talus	Soil
RJCD-09	Clear Creek	396752	7085776	Talus	Soil
WCD-01	Clear Creek	398391	7085375	Talus	Soil
WCD-02	Clear Creek	398390	7085350	Talus	Soil
WCD-03	Clear Creek	398300	7085346	Talus	Soil
WCD-04	Clear Creek	398286	7085333	Talus	Soil
WCD-05	Clear Creek	398349	7085310	Talus	Soil
WCD-06	Clear Creek	398362	7085307	Talus	Soil
WCD-07	Clear Creek	398404	7085286	Talus	Soil
WCD-08	Clear Creek	398432	7085268	Talus	Soil
WCD-09	Clear Creek	398443	7085226	Talus	Soil
WCD-11	Clear Creek	397150	7085704	Talus	Soil
WCD-12	Clear Creek	397100	7085700	Talus	Soil
WCD-13	Clear Creek	397050	7085698	Talus	Soil
WCD-14	Clear Creek	397004	7085700	Talus	Soil
WCD-15	Clear Creek	396949	7085694	Talus	Soil
WCD-16	Clear Creek	396904	7085704	Talus	Soil
WCD-17	Clear Creek	396854	7085701	Talus	Soil
WCD-18	Clear Creek	396802	7085699	Talus	Soil
WCD-19	Clear Creek	396749	7085700	Talus	Soil
WCD-20	Clear Creek	396705	7085702	Talus	Soil
WCD-21	Clear Creek	396644	7085702	Talus	Soil
WCD-22	Clear Creek	396604	7085701	Talus	Soil
WCD-23	Clear Creek	396550	7085699	Talus	Soil
WCD-24	Clear Creek	396500	7085699	Talus	Soil
WCD-25	Clear Creek	396503	7085775	Talus	Soil

Appendix B - Soil Sample Locations

<u>Sample Code</u>	<u>Property</u>	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Type</u>
WCD-26	Clear Creek	396550	7085775	Talus	Soil
WCD-27	Clear Creek	396608	7085775	Talus	Soil
WCD-28	Clear Creek	396654	7085775	Talus	Soil
WCD-29	Clear Creek	396700	7085775	Talus	Soil

Appendix C –Analytical Certificates



**BUREAU
VERITAS**

MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: Kreft, Bernie

1 Locust Place

Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft

Receiving Lab: Canada-Whitehorse

Received: July 19, 2017

Report Date: August 16, 2017

Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI17000314.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 92

SAMPLE DISPOSAL

RTRN-PLP Return 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.

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
PRP70-250	92	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	92	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	92	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	92	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	92	Per sample shipping charges for branch shipments			VAN
FA530	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



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.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	Analyte	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Unit	Unit	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL	MDL	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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
RJCR-01	Rock	0.56	<0.005	1	35	<3	85	<0.3	17	10	159	3.61	8	9	2	<0.5	<3	<3	57	0.07	0.028
RJCR-02	Rock	0.56	0.146	2	93	<3	17	<0.3	4	7	170	3.15	28	18	48	<0.5	<3	10	40	0.32	0.066
RJCR-03	Rock	0.59	0.968	7	16	8	41	0.9	5	1	61	7.58	2810	3	5	<0.5	83	<3	11	<0.01	0.117
RJCR-04	Rock	0.40	0.029	<1	24	<3	92	<0.3	24	13	1485	5.00	146	4	<1	<0.5	<3	<3	12	<0.01	0.014
RJCR-05	Rock	0.60	0.011	4	6	4	5	<0.3	2	<1	63	0.77	269	6	1	<0.5	<3	<3	12	<0.01	0.003
BKIR-01	Rock	0.55	0.025	<1	3	61	3	<0.3	1	<1	50	0.94	1887	10	5	<0.5	6	<3	<1	<0.01	0.004
BKIR-02	Rock	0.69	0.467	2	44	85	2	1.7	5	3	83	2.25	>10000	2	3	<0.5	37	<3	<1	<0.01	0.005
BKIR-03	Rock	0.34	0.009	<1	16	9	32	<0.3	8	1	59	3.88	196	9	2	<0.5	<3	<3	17	<0.01	0.028
BKIR-04	Rock	0.51	0.025	2	42	18	83	<0.3	31	3	110	9.15	366	5	1	<0.5	14	<3	16	<0.01	0.045
BKIR-05	Rock	0.79	0.008	<1	10	52	6	<0.3	2	<1	50	1.61	303	12	6	<0.5	<3	<3	1	<0.01	0.009
BKIR-06	Rock	0.54	0.022	<1	22	4	32	<0.3	13	3	180	3.09	226	7	4	<0.5	3	<3	11	<0.01	0.019
BKIR-07	Rock	0.60	0.175	<1	8	<3	16	<0.3	11	1	50	1.89	525	5	1	<0.5	10	<3	3	<0.01	0.005
BKIR-08	Rock	0.60	0.268	2	4	20	2	<0.3	1	<1	59	1.34	1050	8	20	<0.5	10	<3	1	0.02	0.006
BKIR-09	Rock	0.62	0.059	2	4	7	11	<0.3	16	2	48	1.68	1188	3	5	<0.5	16	3	2	0.02	0.006
BKIR-10	Rock	1.03	0.009	1	28	8	51	<0.3	26	9	159	3.19	220	8	3	<0.5	18	<3	14	<0.01	0.024
BKIR-11	Rock	1.00	0.076	2	11	5	31	<0.3	8	4	222	1.55	133	15	28	<0.5	<3	<3	12	0.24	0.038
BKIR-12	Rock	0.88	0.129	3	13	5	26	<0.3	5	3	232	1.70	182	15	35	<0.5	<3	<3	15	0.27	0.036
BKIR-13	Rock	0.43	0.006	6	41	13	103	<0.3	21	5	100	5.53	585	8	2	<0.5	<3	<3	21	<0.01	0.038
BKIR-14	Rock	0.70	0.234	<1	13	45	20	6.2	3	<1	59	3.11	825	12	67	<0.5	30	9	1	0.03	0.051
BKIR-15	Rock	0.53	5.591	1	32	178	28	3.5	14	14	74	10.87	>10000	<2	11	<0.5	248	107	2	<0.01	0.023
BKIR-16	Rock	0.54	0.043	<1	2	<3	<1	<0.3	1	<1	68	0.78	782	<2	1	<0.5	<3	<3	<1	<0.01	0.003
BKIR-17	Rock	0.86	0.353	2	43	148	39	2.2	10	6	561	2.16	8041	5	107	<0.5	62	30	1	0.50	0.005
JCR-01	Rock	0.29	0.387	1	31	10	4	<0.3	5	13	65	0.99	1891	15	30	<0.5	<3	8	<1	0.77	0.017
JCR-02	Rock	0.20	1.195	<1	294	3	8	2.1	5	32	195	2.33	>10000	5	58	<0.5	11	78	7	1.03	0.014
JCR-03	Rock	0.34	0.007	<1	47	<3	58	0.3	50	19	344	4.76	59	12	18	<0.5	<3	<3	62	0.21	0.049
JCR-04	Rock	0.69	0.046	<1	63	<3	42	<0.3	29	14	550	4.53	224	11	75	<0.5	<3	<3	57	0.66	0.026
JCR-05	Rock	0.28	0.055	2	40	<3	34	<0.3	30	12	369	3.54	67	10	32	<0.5	<3	<3	57	0.39	0.067
JCR-06	Rock	0.88	1.807	<1	40	3	6	0.4	7	4	138	1.15	254	7	16	<0.5	<3	24	13	0.19	0.010
JCR-07	Rock	0.42	7.183	<1	8	13	8	1.0	8	3	141	1.23	189	5	6	<0.5	<3	200	11	0.30	0.010
JCR-08	Rock	0.68	0.042	<1	30	5	46	<0.3	10	9	107	2.63	1458	9	7	<0.5	<3	<3	31	0.02	0.011



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 2 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	gm/t
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
RJCR-01	Rock	19	55	1.21	82	0.182	<20	2.13	0.02	1.62	<2	0.24	<1	<5	<5	<5	
RJCR-02	Rock	24	20	0.62	249	0.168	<20	1.38	0.11	0.60	4	0.51	<1	<5	<5	5	
RJCR-03	Rock	7	8	<0.01	64	<0.001	<20	0.20	<0.01	0.10	21	0.09	<1	<5	<5	<5	
RJCR-04	Rock	12	10	0.04	19	0.002	<20	0.25	<0.01	0.15	<2	<0.05	<1	<5	<5	<5	
RJCR-05	Rock	3	11	<0.01	16	0.001	<20	0.17	<0.01	0.04	14	<0.05	<1	<5	<5	5	
BKIR-01	Rock	2	4	<0.01	36	<0.001	<20	0.32	<0.01	0.05	<2	0.06	<1	<5	<5	<5	
BKIR-02	Rock	5	7	<0.01	44	<0.001	<20	0.09	<0.01	0.07	<2	0.49	<1	<5	<5	<5	
BKIR-03	Rock	24	12	<0.01	15	0.001	<20	0.32	<0.01	0.08	<2	<0.05	<1	<5	<5	<5	
BKIR-04	Rock	14	13	<0.01	10	0.001	<20	0.35	<0.01	0.07	3	<0.05	<1	5	<5	<5	
BKIR-05	Rock	7	5	<0.01	25	<0.001	<20	0.33	<0.01	0.09	<2	0.12	<1	<5	<5	<5	
BKIR-06	Rock	21	14	0.11	39	0.013	<20	0.46	<0.01	0.22	<2	<0.05	<1	<5	<5	<5	
BKIR-07	Rock	12	5	<0.01	35	<0.001	<20	0.22	<0.01	0.17	<2	<0.05	<1	<5	<5	<5	
BKIR-08	Rock	16	7	<0.01	68	<0.001	<20	0.25	<0.01	0.18	<2	0.12	<1	<5	<5	<5	
BKIR-09	Rock	12	13	0.01	29	<0.001	<20	0.15	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	
BKIR-10	Rock	22	20	0.11	32	0.015	<20	0.55	<0.01	0.23	<2	<0.05	<1	<5	<5	<5	
BKIR-11	Rock	31	8	0.24	203	0.048	<20	0.80	0.05	0.23	31	<0.05	<1	<5	<5	<5	
BKIR-12	Rock	29	12	0.28	221	0.068	<20	0.84	0.05	0.32	23	<0.05	<1	<5	<5	<5	
BKIR-13	Rock	20	11	<0.01	17	0.002	<20	0.43	<0.01	0.08	3	<0.05	<1	<5	<5	<5	
BKIR-14	Rock	18	5	0.01	345	<0.001	<20	0.33	0.01	0.45	<2	0.71	<1	<5	<5	<5	
BKIR-15	Rock	5	3	0.02	89	0.001	<20	0.18	<0.01	0.10	10	2.73	<1	7	<5	<5	
BKIR-16	Rock	<1	6	0.01	21	<0.001	<20	0.05	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	
BKIR-17	Rock	6	4	0.14	52	<0.001	<20	0.19	0.01	0.09	<2	0.70	<1	<5	<5	<5	
JCR-01	Rock	21	4	0.07	64	<0.001	<20	0.35	0.03	0.13	8	0.20	<1	<5	<5	<5	
JCR-02	Rock	7	9	0.14	21	0.027	<20	0.59	0.02	0.11	>100	0.85	<1	<5	<5	<5	
JCR-03	Rock	20	56	1.54	154	0.257	<20	2.86	0.03	1.96	3	0.31	<1	<5	7	7	
JCR-04	Rock	17	48	1.36	87	0.193	<20	3.09	0.09	1.38	<2	0.63	<1	<5	5	7	
JCR-05	Rock	14	52	1.24	88	0.180	<20	2.25	0.09	1.28	<2	0.42	<1	<5	5	7	
JCR-06	Rock	8	11	0.21	19	0.024	<20	0.48	0.04	0.05	53	0.16	<1	<5	<5	<5	
JCR-07	Rock	10	14	0.27	12	0.004	<20	0.47	0.02	0.08	3	<0.05	<1	<5	<5	<5	
JCR-08	Rock	20	27	0.75	33	0.125	<20	1.37	0.01	0.83	<2	0.13	<1	<5	<5	<5	



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 3 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	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	
JCR-09	Rock	0.53	0.043	<1	2	58	3	<0.3	1	<1	60	1.02	996	8	5	<0.5	5	<3	<1	<0.01	0.003
JCR-10	Rock	0.69	0.020	4	29	8	46	<0.3	14	5	130	5.41	580	6	7	<0.5	<3	<3	10	<0.01	0.024
JCR-11	Rock	0.61	1.249	5	35	50	59	0.8	10	3	234	12.24	2707	8	38	<0.5	23	20	3	0.03	0.163
JCR-12	Rock	0.32	1.863	1	33	72	15	0.7	3	2	47	1.36	1148	3	6	<0.5	9	<3	2	<0.01	0.007
JCR-13	Rock	0.39	0.085	2	22	5	38	<0.3	9	5	364	2.15	134	19	49	<0.5	3	<3	22	0.69	0.055
JCR-14	Rock	0.63	0.078	1	28	4	23	<0.3	4	4	193	2.19	272	25	39	<0.5	<3	<3	29	0.28	0.051
JCR-15	Rock	0.26	0.010	<1	17	36	11	<0.3	4	<1	38	2.76	172	8	5	<0.5	<3	<3	4	<0.01	0.017
JCR-16	Rock	0.49	0.080	<1	4	3	34	<0.3	5	5	250	2.06	218	20	56	<0.5	<3	4	21	0.36	0.046
JCR-17	Rock	0.86	0.055	2	42	5	24	<0.3	4	4	288	1.96	178	19	74	<0.5	<3	<3	19	0.58	0.045
JCR-18	Rock	0.15	0.047	<1	6	<3	35	<0.3	7	5	257	2.16	149	20	44	<0.5	<3	5	21	0.28	0.048
JCR-19	Rock	0.65	0.630	1	13	11	24	0.3	9	1	50	3.45	3581	5	3	<0.5	30	<3	6	<0.01	0.013



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 3 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	gm/t
MDL		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
JCR-09	Rock	2	5	<0.01	42	<0.001	<20	0.30	<0.01	0.05	<2	0.06	<1	<5	<5	<5	
JCR-10	Rock	14	10	<0.01	12	0.002	<20	0.26	<0.01	0.07	4	<0.05	<1	<5	<5	<5	
JCR-11	Rock	28	5	0.02	189	0.001	<20	0.41	<0.01	0.31	5	0.19	<1	6	<5	<5	
JCR-12	Rock	15	6	0.02	48	0.001	21	0.18	<0.01	0.16	4	0.07	<1	<5	<5	<5	
JCR-13	Rock	42	11	0.35	183	0.063	<20	0.94	0.07	0.34	5	0.06	<1	<5	<5	<5	
JCR-14	Rock	40	15	0.47	171	0.121	<20	1.17	0.09	0.39	7	<0.05	<1	<5	<5	<5	
JCR-15	Rock	3	9	<0.01	14	<0.001	<20	0.36	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	
JCR-16	Rock	36	14	0.47	385	0.124	<20	1.42	0.08	0.46	2	<0.05	<1	<5	<5	<5	
JCR-17	Rock	41	12	0.41	193	0.089	<20	1.18	0.10	0.34	5	0.16	<1	<5	<5	<5	
JCR-18	Rock	33	15	0.48	350	0.128	<20	1.42	0.07	0.46	2	<0.05	<1	<5	<5	<5	
JCR-19	Rock	10	8	<0.01	37	<0.001	<20	0.21	<0.01	0.17	<2	0.07	<1	<5	<5	<5	



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 4 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	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	
JEIR-01	Rock	0.99	0.181	<1	64	5	46	0.4	9	11	324	3.59	396	8	141	<0.5	<3	7	114	1.89	0.087
JEIR-02	Rock	0.60	1.237	1	34	171	44	9.7	9	14	416	7.86	>10000	8	7	0.6	45	215	156	0.28	0.077
JEIR-03	Rock	0.55	0.295	<1	9	10	3	0.5	2	2	103	0.98	304	<2	7	<0.5	<3	16	6	0.04	0.002
JEIR-04	Rock	0.49	0.064	<1	25	6	41	0.5	11	18	454	3.75	1326	8	44	0.7	<3	3	144	0.90	0.087
JEIR-05	Rock	0.39	>10	5	38	709	4	34.7	35	90	119	35.48	>10000	2	66	1.8	562	>2000	16	0.17	0.004
JEIR-06	Rock	0.66	0.816	3	91	10	26	1.1	5	13	311	4.01	1751	5	9	<0.5	<3	22	98	0.23	0.053
JEIR-07	Rock	0.56	0.037	<1	14	<3	35	<0.3	9	9	308	2.57	107	8	117	0.5	<3	<3	96	1.76	0.102
JEIR-08	Rock	1.07	3.817	1	186	65	26	4.9	7	21	254	5.63	4229	6	15	<0.5	20	161	124	0.21	0.074
JEIR-09	Rock	0.64	6.740	<1	17	5	7	1.2	3	12	98	1.44	2600	<2	4	<0.5	10	268	24	0.07	0.010
JEIR-10	Rock	0.83	0.294	2	188	<3	13	0.5	2	10	212	3.97	1354	12	51	<0.5	<3	11	59	0.41	0.099
JEIR-11	Rock	1.41	>10	8	96	619	24	30.5	82	374	85	36.66	>10000	5	72	<0.5	583	1294	26	0.08	0.015
JEIR-12	Rock	0.64	2.412	<1	22	10	17	1.2	5	12	181	2.51	2604	3	13	<0.5	5	115	61	0.13	0.027
JEIR-13	Rock	0.59	6.995	3	5	10	8	1.4	20	75	101	15.07	>10000	5	72	<0.5	124	266	40	0.24	0.012
JEIR-14	Rock	0.95	8.262	2	353	<3	20	1.5	15	12	134	5.00	3316	10	141	<0.5	<3	407	48	0.63	0.095
JEIR-15	Rock	1.30	1.481	<1	40	4	40	0.5	16	19	335	4.07	1247	11	110	<0.5	<3	62	103	0.44	0.066
JEIR-16	Rock	1.16	7.183	2	20	4	23	0.9	11	14	245	11.15	>10000	7	149	<0.5	81	123	115	1.24	0.033
JEIR-17	Rock	1.59	0.499	<1	31	3	38	0.4	15	14	310	3.30	251	10	128	<0.5	<3	22	82	0.45	0.068

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.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 4 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t	
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9	
JEIR-01	Rock	10	163	1.93	1142	0.236	<20	4.09	0.20	1.21	22	0.10	<1	<5	<5	9	
JEIR-02	Rock	7	242	3.27	77	0.061	<20	3.05	<0.01	0.15	96	1.46	<1	<5	8	16	
JEIR-03	Rock	<1	15	0.12	12	0.003	<20	0.15	<0.01	0.01	29	<0.05	<1	<5	<5	<5	
JEIR-04	Rock	11	223	2.33	448	0.109	<20	2.96	0.04	0.28	<2	0.05	<1	<5	7	11	
JEIR-05	Rock	4	9	0.28	49	0.003	<20	0.39	<0.01	0.06	3	9.10	3	<5	<5	<5	100.1
JEIR-06	Rock	9	142	1.96	335	0.130	<20	1.92	0.02	0.54	>100	0.21	<1	<5	5	11	
JEIR-07	Rock	10	141	1.44	755	0.209	<20	3.06	0.16	0.55	9	<0.05	<1	<5	<5	<5	
JEIR-08	Rock	8	180	2.36	762	0.185	<20	2.34	0.03	1.52	>100	0.46	<1	<5	<5	17	
JEIR-09	Rock	1	39	0.46	155	0.035	<20	0.46	0.02	0.31	>100	0.13	<1	<5	<5	<5	
JEIR-10	Rock	19	38	1.06	238	0.135	<20	1.65	0.06	0.42	73	0.31	<1	<5	<5	8	
JEIR-11	Rock	4	25	0.54	28	0.009	<20	0.71	<0.01	0.13	>100	>10	5	<5	<5	<5	26.4
JEIR-12	Rock	5	96	1.09	430	0.104	<20	1.20	0.02	0.87	>100	0.11	<1	<5	<5	8	
JEIR-13	Rock	2	75	0.47	45	0.014	<20	0.66	<0.01	0.14	>100	5.00	4	<5	<5	6	
JEIR-14	Rock	22	65	0.62	287	0.108	<20	2.74	0.10	0.44	>100	0.44	1	<5	6	<5	
JEIR-15	Rock	21	153	1.96	383	0.218	<20	4.02	0.06	1.53	47	<0.05	<1	<5	6	11	
JEIR-16	Rock	13	167	1.21	274	0.114	<20	2.70	0.02	0.86	71	1.57	<1	<5	5	7	
JEIR-17	Rock	18	123	1.74	345	0.211	<20	3.62	0.08	1.42	10	<0.05	<1	<5	<5	9	



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	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	
JEIR-18	Rock	1.26	0.844	<1	30	6	52	<0.3	15	14	314	3.28	149	13	135	0.6	<3	33	83	0.96	0.088
JEIR-19	Rock	1.28	0.345	<1	25	3	42	<0.3	11	14	366	3.47	306	9	81	0.5	<3	21	96	0.74	0.131



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 16, 2017

Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000314.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
JEIR-18	Rock	22	117	1.65	431	0.251	<20	3.84	0.19	1.35	6	<0.05	<1	<5	<5	7
JEIR-19	Rock	16	144	1.64	433	0.268	<20	2.75	0.08	1.02	13	<0.05	<1	<5	<5	7



QUALITY CONTROL REPORT

WHI17000314.1

Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	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	
Pulp Duplicates																					
BKIR-01	Rock	0.55	0.025	<1	3	61	3	<0.3	1	<1	50	0.94	1887	10	5	<0.5	6	<3	<1	<0.01	0.004
REP BKIR-01	QC		0.026																		
BKIR-13	Rock	0.43	0.006	6	41	13	103	<0.3	21	5	100	5.53	585	8	2	<0.5	<3	<3	21	<0.01	0.038
REP BKIR-13	QC			6	42	14	107	<0.3	22	5	103	5.68	606	9	2	<0.5	<3	<3	21	<0.01	0.039
REP JEIR-12	QC			<1	22	10	17	1.0	5	12	181	2.56	2425	3	13	<0.5	6	118	61	0.13	0.027
Core Reject Duplicates																					
BKIR-12	Rock	0.88	0.129	3	13	5	26	<0.3	5	3	232	1.70	182	15	35	<0.5	<3	<3	15	0.27	0.036
DUP BKIR-12	QC		0.123	3	14	4	26	<0.3	5	3	236	1.74	185	15	36	<0.5	<3	<3	15	0.28	0.037
JEIR-12	Rock	0.64	2.412	<1	22	10	17	1.2	5	12	181	2.51	2604	3	13	<0.5	5	115	61	0.13	0.027
DUP JEIR-12	QC		2.076	<1	23	10	18	1.1	6	12	189	2.66	2522	3	13	<0.5	7	123	64	0.13	0.028
Reference Materials																					
STD AGPROOF	Standard																				
STD DS10	Standard			12	154	159	377	1.9	75	12	900	2.83	46	6	65	2.2	8	12	43	1.08	0.078
STD DS10	Standard			14	153	146	372	1.8	73	12	875	2.74	44	8	62	2.7	8	12	43	1.02	0.074
STD DS10	Standard			12	147	138	351	1.9	69	11	821	2.57	43	7	58	2.3	7	11	40	0.98	0.069
STD OREAS45EA	Standard			2	661	11	29	0.4	364	50	394	22.73	12	8	3	<0.5	<3	<3	291	0.03	0.029
STD OREAS45EA	Standard			2	723	12	31	0.6	378	54	420	23.30	12	12	4	1.9	<3	<3	317	0.03	0.030
STD OREAS45EA	Standard			2	704	12	29	0.6	368	52	408	21.80	13	11	3	1.6	<3	<3	305	0.03	0.029
STD OXC145	Standard		0.224																		
STD OXC145	Standard		0.205																		



QUALITY CONTROL REPORT

WHI17000314.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
Pulp Duplicates																
BKIR-01	Rock	2	4	<0.01	36	<0.001	<20	0.32	<0.01	0.05	<2	0.06	<1	<5	<5	<5
REP BKIR-01	QC															
BKIR-13	Rock	20	11	<0.01	17	0.002	<20	0.43	<0.01	0.08	3	<0.05	<1	<5	<5	<5
REP BKIR-13	QC	21	12	<0.01	17	0.002	<20	0.43	<0.01	0.08	<2	<0.05	<1	<5	<5	<5
REP JEIR-12	QC	5	97	1.09	437	0.105	<20	1.20	0.02	0.88	>100	0.11	<1	<5	<5	8
Core Reject Duplicates																
BKIR-12	Rock	29	12	0.28	221	0.068	<20	0.84	0.05	0.32	23	<0.05	<1	<5	<5	<5
DUP BKIR-12	QC	29	11	0.29	223	0.069	<20	0.85	0.06	0.32	19	<0.05	<1	<5	<5	<5
JEIR-12	Rock	5	96	1.09	430	0.104	<20	1.20	0.02	0.87	>100	0.11	<1	<5	<5	8
DUP JEIR-12	QC	5	101	1.14	455	0.110	<20	1.25	0.02	0.91	>100	0.12	<1	<5	<5	8
Reference Materials																
STD AGPROOF	Standard															<0.9
STD DS10	Standard	15	53	0.80	428	0.073	<20	1.01	0.07	0.33	3	0.29	<1	<5	<5	<5
STD DS10	Standard	16	57	0.81	414	0.074	<20	1.00	0.07	0.32	3	0.28	<1	5	<5	<5
STD DS10	Standard	14	52	0.76	385	0.068	<20	0.93	0.06	0.30	4	0.26	<1	<5	<5	<5
STD OREAS45EA	Standard	7	832	0.09	141	0.092	<20	3.00	0.02	0.05	<2	<0.05	<1	10	8	78
STD OREAS45EA	Standard	8	956	0.10	153	0.101	<20	3.41	0.02	0.05	<2	<0.05	<1	<5	10	87
STD OREAS45EA	Standard	7	922	0.09	146	0.099	<20	3.28	0.02	0.05	2	<0.05	<1	<5	12	84
STD OXC145	Standard															
STD OXC145	Standard															



QUALITY CONTROL REPORT

WHI17000314.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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
STD OXH122	Standard		1.249																		
STD OXH122	Standard		1.203																		
STD OXN117	Standard		7.528																		
STD OXN117	Standard		7.458																		
STD SP49	Standard																				
STD SQ70	Standard																				
STD DS10 Expected				13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029
STD OXN117 Expected			7.679																		
STD OXC145 Expected			0.212																		
STD OXH122 Expected			1.247																		
STD AGPROOF Expected																					
STD SP49 Expected																					
STD SQ70 Expected																					
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	<1	4	<3	35	<0.3	<1	4	545	1.99	2	<2	20	<0.5	<3	<3	21	0.50	0.038
ROCK-WHI	Prep Blank		<0.005	<1	4	<3	33	<0.3	<1	3	536	1.86	<2	<2	16	<0.5	<3	<3	19	0.48	0.038



QUALITY CONTROL REPORT

WHI17000314.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	FA530	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	gm/t
		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.9
STD OXH122	Standard																
STD OXH122	Standard																
STD OXN117	Standard																
STD OXN117	Standard																
STD SP49	Standard																18.3
STD SQ70	Standard																40.0
STD DS10 Expected		17.5	54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected		7.06	849	0.095	148	0.0984		3.13	0.02	0.053		0.036		12.4	78		
STD OXN117 Expected																	
STD OXC145 Expected																	
STD OXH122 Expected																	
STD AGPROOF Expected																	0
STD SP49 Expected																	18.34
STD SQ70 Expected																	39.62
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	2	<0.05	<1	<5	<5	<5	
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																<0.9
Prep Wash																	
ROCK-WHI	Prep Blank	5	6	0.47	50	0.064	<20	0.81	0.07	0.08	<2	<0.05	<1	<5	<5	<5	
ROCK-WHI	Prep Blank	4	5	0.46	41	0.061	<20	0.77	0.06	0.07	<2	<0.05	<1	<5	<5	<5	



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

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

Submitted By: Bernie Kreft
Receiving Lab: Canada-Whitehorse
Received: July 19, 2017
Report Date: August 14, 2017
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI17000315.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 95

SAMPLE DISPOSAL

RTRN-PLP Return 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
DY060	95	Dry at 60C			WHI
SS80	95	Dry at 60C sieve 100g to -80 mesh			WHI
FA430	95	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	95	Environmental disposal charge-Fire assay lead waste			VAN
AQ300	95	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
SHP01	95	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



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.



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 3 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

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	
JCD-01	Soil	0.686	3	53	21	69	<0.3	32	15	510	3.04	510	6	16	<0.5	4	5	42	0.12	0.108	29
JCD-02	Soil	0.652	1	42	9	73	<0.3	30	16	480	3.18	357	5	20	<0.5	<3	3	47	0.18	0.075	25
JCD-03	Soil	0.898	2	59	10	93	<0.3	164	32	1109	4.41	531	6	24	<0.5	6	17	64	0.16	0.059	29
JCD-04	Soil	0.142	2	45	9	73	<0.3	33	17	760	3.69	326	<2	15	<0.5	<3	<3	53	0.08	0.068	21
JCD-05	Soil	0.290	5	79	14	97	0.6	59	31	1106	4.54	879	6	25	<0.5	6	5	57	0.20	0.108	32
JCD-06	Soil	0.297	4	89	13	119	<0.3	95	28	1241	5.56	759	7	32	<0.5	6	<3	62	0.21	0.107	36
JCD-07	Soil	0.090	3	59	17	87	0.3	56	47	1493	3.89	411	3	14	<0.5	<3	<3	48	0.07	0.078	22
JCD-08	Soil	0.150	3	72	16	94	<0.3	74	29	872	4.24	606	6	18	<0.5	5	<3	51	0.11	0.058	28
JCD-09	Soil	0.198	2	25	21	59	<0.3	30	11	403	2.60	581	7	19	<0.5	5	<3	38	0.19	0.065	24
JCD-10	Soil	0.230	1	29	9	63	<0.3	34	13	444	2.47	727	6	19	<0.5	<3	5	41	0.23	0.086	21
JCD-11	Soil	0.044	<1	30	10	74	<0.3	35	13	538	3.13	308	5	13	<0.5	<3	<3	53	0.12	0.039	22
RJCD-01	Soil	0.083	1	86	5	141	<0.3	47	42	1151	3.37	81	<2	99	<0.5	<3	5	47	0.75	0.096	17
RJCD-02	Soil	0.024	<1	87	4	93	<0.3	35	35	1130	5.75	83	9	108	<0.5	<3	<3	143	0.82	0.173	32
RJCD-03	Soil	0.062	3	36	11	108	0.3	40	30	1342	5.68	374	8	32	<0.5	3	<3	102	0.37	0.147	23
RJCD-04	Soil	0.041	3	40	8	72	<0.3	34	25	813	3.66	157	7	11	<0.5	<3	<3	55	0.14	0.055	22



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 3 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5

JCD-01	Soil	29	0.37	77	0.053	<20	1.25	<0.01	0.18	23	0.06	<1	<5	<5	<5
JCD-02	Soil	34	0.54	159	0.075	<20	1.47	<0.01	0.25	34	0.05	<1	<5	<5	<5
JCD-03	Soil	163	1.19	165	0.100	<20	2.01	<0.01	0.40	18	0.05	<1	<5	<5	7
JCD-04	Soil	30	0.55	145	0.077	<20	1.87	<0.01	0.18	10	0.08	<1	<5	<5	<5
JCD-05	Soil	46	0.67	165	0.084	<20	1.79	0.01	0.34	6	0.13	<1	<5	<5	6
JCD-06	Soil	67	0.75	231	0.094	<20	1.95	0.02	0.49	9	0.20	<1	<5	<5	8
JCD-07	Soil	66	0.52	110	0.062	<20	1.42	<0.01	0.25	3	0.13	<1	<5	<5	<5
JCD-08	Soil	72	0.65	126	0.065	<20	1.84	<0.01	0.23	5	0.10	<1	<5	<5	<5
JCD-09	Soil	34	0.40	132	0.063	<20	0.99	<0.01	0.20	14	<0.05	<1	<5	<5	<5
JCD-10	Soil	33	0.46	130	0.060	<20	1.22	<0.01	0.11	10	<0.05	<1	<5	<5	<5
JCD-11	Soil	34	0.58	174	0.089	<20	1.57	<0.01	0.13	5	<0.05	<1	<5	<5	<5
RJCD-01	Soil	33	0.73	118	0.107	<20	2.47	0.05	0.18	58	0.12	<1	<5	<5	<5
RJCD-02	Soil	337	3.11	616	0.433	<20	4.14	0.06	1.66	4	0.05	<1	<5	5	14
RJCD-03	Soil	148	1.36	427	0.256	<20	2.48	0.01	0.91	<2	<0.05	<1	<5	<5	9
RJCD-04	Soil	41	0.71	78	0.125	<20	1.94	<0.01	0.73	2	<0.05	<1	<5	<5	<5



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 4 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	FA430	AQ300	AQ300	AQ300	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
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
RJCD-05	Soil	0.027	1	36	10	45	<0.3	17	7	264	2.53	63	<2	10	<0.5	<3	<3	39	0.11	0.118	8
RJCD-06	Soil	0.011	1	18	10	57	<0.3	20	8	312	2.85	46	<2	7	<0.5	<3	<3	51	0.06	0.035	12
RJCD-07	Soil	0.016	2	22	9	54	<0.3	19	9	418	2.87	145	<2	8	<0.5	<3	<3	49	0.07	0.074	13
RJCD-08	Soil	0.015	<1	21	7	66	<0.3	25	11	413	2.75	86	4	9	<0.5	<3	<3	50	0.09	0.031	18
RJCD-09	Soil	0.033	4	21	11	65	<0.3	22	14	450	3.03	267	6	14	<0.5	<3	<3	48	0.15	0.058	28
WCD-01	Soil	0.994	<1	57	8	51	0.3	35	29	521	3.42	1006	10	62	<0.5	<3	34	43	0.28	0.049	27
WCD-02	Soil	0.265	<1	49	10	52	<0.3	33	25	517	3.02	480	9	35	<0.5	<3	10	36	0.20	0.049	26
WCD-03	Soil	0.231	<1	98	11	93	<0.3	59	40	609	4.22	532	11	41	<0.5	<3	6	38	0.16	0.054	37
WCD-04	Soil	0.185	<1	98	10	98	<0.3	67	43	614	3.97	590	9	74	<0.5	<3	4	39	0.21	0.057	32
WCD-05	Soil	0.360	<1	120	11	76	0.4	45	36	737	4.11	1046	9	43	<0.5	<3	14	37	0.22	0.064	34
WCD-06	Soil	0.335	<1	107	17	89	0.3	44	42	970	4.26	992	8	36	<0.5	<3	12	42	0.23	0.071	45
WCD-07	Soil	0.512	<1	103	12	66	<0.3	49	50	850	3.94	1235	11	67	0.7	<3	25	44	0.25	0.054	34
WCD-08	Soil	0.778	<1	113	14	63	0.3	46	59	1021	4.32	1162	10	77	0.8	<3	39	53	0.25	0.053	31
WCD-09	Soil	1.550	<1	124	11	51	1.0	39	19	427	5.12	2242	9	108	1.0	<3	78	52	0.14	0.062	24
WCD-10	Soil	0.438	2	47	16	62	<0.3	28	14	494	2.75	403	6	14	<0.5	4	8	39	0.12	0.102	26
WCD-11	Soil	0.354	<1	47	9	74	<0.3	31	17	586	3.17	83	6	22	0.6	<3	<3	54	0.18	0.058	21
WCD-12	Soil	0.332	3	49	11	62	<0.3	21	12	406	3.69	393	11	16	<0.5	11	7	31	0.09	0.054	32
WCD-13	Soil	0.196	1	55	6	101	<0.3	52	26	693	2.98	92	7	22	<0.5	<3	4	46	0.17	0.083	19
WCD-14	Soil	0.938	1	40	7	78	<0.3	45	24	660	2.92	122	4	10	0.5	<3	<3	43	0.08	0.040	16
WCD-15	Soil	0.533	5	53	9	81	0.3	46	22	678	3.89	452	9	27	0.5	6	6	46	0.18	0.088	27
WCD-16	Soil	0.305	3	72	11	89	<0.3	84	32	677	3.23	216	6	16	0.5	<3	5	54	0.18	0.083	20
WCD-17	Soil	0.031	2	24	10	60	<0.3	24	11	500	2.93	115	3	8	<0.5	<3	<3	49	0.07	0.045	17
WCD-18	Soil	0.030	3	47	10	79	<0.3	46	23	673	3.46	144	6	11	<0.5	<3	<3	49	0.12	0.065	24
WCD-19	Soil	0.021	4	29	13	77	<0.3	34	15	474	3.31	213	7	12	<0.5	<3	<3	56	0.13	0.057	27
WCD-20	Soil	0.076	4	33	12	69	<0.3	30	16	525	3.10	272	5	10	0.6	<3	<3	53	0.09	0.050	24
WCD-21	Soil	0.130	<1	22	8	49	<0.3	22	11	344	2.92	817	4	14	<0.5	<3	<3	64	0.07	0.030	16
WCD-22	Soil	0.071	<1	26	4	57	<0.3	29	15	483	2.71	180	3	11	<0.5	<3	<3	50	0.08	0.042	17
WCD-23	Soil	0.047	<1	31	9	55	<0.3	23	13	480	2.72	218	4	11	<0.5	<3	<3	40	0.05	0.035	16
WCD-24	Soil	0.095	1	48	8	54	<0.3	33	21	966	2.62	753	3	9	<0.5	<3	<3	32	0.08	0.043	20
WCD-25	Soil	0.033	<1	19	5	55	<0.3	21	9	285	2.07	93	4	12	<0.5	<3	<3	38	0.16	0.052	14



Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 4 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
RJCD-05	Soil	24	0.33	71	0.046	<20	1.18	0.01	0.15	<2	0.12	<1	<5	<5	<5
RJCD-06	Soil	28	0.42	73	0.068	<20	1.56	<0.01	0.10	<2	<0.05	<1	<5	<5	<5
RJCD-07	Soil	29	0.34	83	0.055	<20	1.30	<0.01	0.11	<2	0.06	<1	<5	<5	<5
RJCD-08	Soil	29	0.48	103	0.079	<20	1.44	<0.01	0.12	<2	<0.05	<1	<5	<5	<5
RJCD-09	Soil	38	0.58	145	0.098	<20	1.72	<0.01	0.28	10	<0.05	<1	<5	<5	<5
WCD-01	Soil	48	0.89	124	0.079	<20	1.98	<0.01	0.60	24	<0.05	<1	<5	<5	<5
WCD-02	Soil	39	0.75	92	0.071	<20	1.68	<0.01	0.50	5	<0.05	<1	<5	<5	<5
WCD-03	Soil	40	0.86	90	0.105	<20	1.78	0.01	0.58	12	<0.05	<1	<5	<5	<5
WCD-04	Soil	37	0.83	104	0.109	<20	1.84	0.01	0.55	5	<0.05	<1	<5	<5	<5
WCD-05	Soil	34	0.79	83	0.078	<20	1.75	0.01	0.40	11	<0.05	<1	<5	<5	<5
WCD-06	Soil	41	0.83	77	0.047	<20	1.82	<0.01	0.24	21	<0.05	<1	<5	<5	<5
WCD-07	Soil	60	0.96	104	0.065	<20	2.14	0.02	0.62	20	0.07	<1	<5	9	<5
WCD-08	Soil	52	1.03	114	0.073	<20	2.59	0.02	0.77	47	0.11	<1	<5	9	6
WCD-09	Soil	63	0.76	114	0.089	<20	1.91	0.05	0.56	77	0.49	<1	<5	11	6
WCD-10	Soil	28	0.35	67	0.053	<20	1.17	<0.01	0.18	23	0.05	<1	<5	5	<5
WCD-11	Soil	52	0.76	190	0.109	<20	1.97	0.01	0.33	20	0.06	<1	<5	6	<5
WCD-12	Soil	21	0.36	81	0.042	<20	1.20	<0.01	0.18	15	0.07	<1	<5	6	<5
WCD-13	Soil	26	0.47	103	0.076	<20	1.48	<0.01	0.20	13	<0.05	<1	<5	<5	<5
WCD-14	Soil	26	0.41	80	0.064	<20	1.27	<0.01	0.14	5	<0.05	<1	<5	<5	<5
WCD-15	Soil	44	0.44	125	0.058	<20	1.28	0.02	0.28	14	0.17	<1	<5	<5	<5
WCD-16	Soil	88	0.70	114	0.084	<20	1.62	0.01	0.27	13	0.06	<1	<5	5	<5
WCD-17	Soil	30	0.41	84	0.067	<20	1.42	<0.01	0.16	<2	0.05	<1	<5	<5	<5
WCD-18	Soil	32	0.49	102	0.069	<20	1.44	<0.01	0.28	3	<0.05	<1	<5	<5	<5
WCD-19	Soil	40	0.57	150	0.098	<20	1.78	<0.01	0.37	9	<0.05	<1	<5	6	<5
WCD-20	Soil	34	0.49	176	0.077	<20	1.85	<0.01	0.20	6	<0.05	<1	<5	7	<5
WCD-21	Soil	31	0.57	169	0.108	<20	1.52	<0.01	0.14	14	<0.05	<1	<5	7	<5
WCD-22	Soil	32	0.52	133	0.072	<20	1.69	<0.01	0.15	4	<0.05	<1	<5	6	<5
WCD-23	Soil	26	0.40	79	0.056	<20	1.36	<0.01	0.13	14	<0.05	<1	<5	<5	<5
WCD-24	Soil	20	0.30	81	0.040	<20	0.95	<0.01	0.13	12	<0.05	<1	<5	<5	<5
WCD-25	Soil	22	0.42	84	0.061	<20	1.32	<0.01	0.11	3	<0.05	<1	<5	<5	<5



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	FA430	AQ300	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	
WCD-26	Soil	0.033	<1	12	5	37	<0.3	10	4	157	2.00	43	<2	6	<0.5	<3	<3	59	0.05	0.045	11
WCD-27	Soil	0.025	2	17	8	65	<0.3	23	10	349	2.55	121	3	8	<0.5	<3	<3	49	0.07	0.026	15
WCD-28	Soil	0.045	2	29	7	67	<0.3	29	15	554	2.45	148	6	12	<0.5	<3	<3	43	0.17	0.075	17
WCD-29	Soil	0.062	2	30	9	73	<0.3	35	17	483	2.95	213	5	11	<0.5	<3	<3	49	0.12	0.048	18



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI17000315.1

Method	Analyte	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
Unit		ppm	%	ppm	%	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5
WCD-26	Soil	18	0.13	53	0.056	<20	0.73	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
WCD-27	Soil	26	0.37	91	0.066	<20	1.32	<0.01	0.08	<2	<0.05	<1	<5	5	<5
WCD-28	Soil	26	0.43	118	0.076	<20	1.33	<0.01	0.18	4	<0.05	<1	<5	<5	<5
WCD-29	Soil	31	0.53	151	0.090	<20	1.56	<0.01	0.21	5	<0.05	<1	<5	<5	<5



QUALITY CONTROL REPORT

WHI17000315.1

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	
JCD-05	Soil	0.290	5	79	14	97	0.6	59	31	1106	4.54	879	6	25	<0.5	6	5	57	0.20	0.108	32
REP JCD-05	QC	0.596																			
WCD-06	Soil	0.335	<1	107	17	89	0.3	44	42	970	4.26	992	8	36	<0.5	<3	12	42	0.23	0.071	45
REP WCD-06	QC		<1	103	14	86	<0.3	42	40	938	4.21	955	8	36	<0.5	<3	9	40	0.23	0.071	43
WCD-07	Soil	0.512	<1	103	12	66	<0.3	49	50	850	3.94	1235	11	67	0.7	<3	25	44	0.25	0.054	34
REP WCD-07	QC	0.478																			
Reference Materials																					
STD DS10	Standard		13	143	140	341	2.0	69	12	844	2.57	41	7	59	2.5	7	10	40	0.96	0.070	15
STD DS10	Standard		13	149	151	363	1.8	71	12	856	2.70	43	7	65	2.4	8	11	41	1.03	0.074	16
STD DS10	Standard		14	158	168	404	1.8	81	13	991	2.97	50	8	71	3.0	7	13	47	1.15	0.080	18
STD OREAS45EA	Standard		2	692	11	28	0.4	365	52	402	22.00	11	11	3	<0.5	<3	<3	302	0.03	0.029	7
STD OREAS45EA	Standard		2	683	14	31	0.4	382	53	404	24.02	11	9	4	<0.5	<3	<3	300	0.03	0.030	7
STD OREAS45EA	Standard		1	715	14	32	<0.3	382	50	419	22.36	7	8	3	3.7	<3	4	309	0.03	0.030	9
STD OXC145	Standard	0.214																			
STD OXC145	Standard	0.216																			
STD OXH122	Standard	1.223																			
STD OXH122	Standard	1.231																			
STD OXN117	Standard	7.747																			
STD OXN117	Standard	7.422																			
STD DS10 Expected			13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029	7.06
STD OXN117 Expected		7.679																			



QUALITY CONTROL REPORT

WHI17000315.1

Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	
JCD-05	Soil	46	0.67	165	0.084	<20	1.79	0.01	0.34	6	0.13	<1	<5	<5	6
REP JCD-05	QC														
WCD-06	Soil	41	0.83	77	0.047	<20	1.82	<0.01	0.24	21	<0.05	<1	<5	<5	<5
REP WCD-06	QC	39	0.81	74	0.046	<20	1.76	<0.01	0.23	14	<0.05	<1	<5	<5	<5
WCD-07	Soil	60	0.96	104	0.065	<20	2.14	0.02	0.62	20	0.07	<1	<5	9	<5
REP WCD-07	QC														
Reference Materials															
STD DS10	Standard	53	0.76	400	0.071	<20	0.95	0.06	0.31	3	0.26	<1	<5	<5	<5
STD DS10	Standard	52	0.78	417	0.074	<20	1.00	0.07	0.32	2	0.28	<1	<5	<5	<5
STD DS10	Standard	60	0.84	467	0.081	<20	1.12	0.07	0.36	3	0.32	<1	<5	<5	<5
STD OREAS45EA	Standard	914	0.09	145	0.099	<20	3.25	0.02	0.05	<2	<0.05	<1	<5	7	83
STD OREAS45EA	Standard	884	0.10	143	0.097	<20	3.28	0.02	0.05	<2	<0.05	<1	10	9	83
STD OREAS45EA	Standard	881	0.10	140	0.100	<20	3.36	0.02	0.06	<2	<0.05	<1	<5	26	87
STD OXC145	Standard														
STD OXC145	Standard														
STD OXH122	Standard														
STD OXH122	Standard														
STD OXN117	Standard														
STD OXN117	Standard														
STD DS10 Expected		54.6	0.775	412	0.0817	7.13	1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8
STD OREAS45EA Expected		849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78
STD OXN117 Expected															



Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 2 of 2

Part: 1 of 2

QUALITY CONTROL REPORT

WHI17000315.1

		FA430	AQ300	AQ300	AQ300	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
STD OXC145 Expected		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
STD OXH122 Expected		1.247																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			



Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

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

Project: None Given
Report Date: August 14, 2017

Page: 2 of 2

Part: 2 of 2

QUALITY CONTROL REPORT

WHI17000315.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	
ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	
1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	
STD OXC145 Expected														
STD OXH122 Expected														
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	2	<0.05	<1	<5	<5
BLK	Blank													
BLK	Blank													
BLK	Blank													
BLK	Blank													