

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)]: Geochemical sampling and prospecting

TOTAL COST: 3628.17

AUTHOR(S): Bernie Kreft

SIGNATURE(S): Report Signed

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): no surface disturbance

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5573242

PROPERTY NAME: Kimura

CLAIM NAME(S) (on which the work was done): 1031622, 1031627

COMMODITIES SOUGHT: Cu-Mo-Au-Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093k078

MINING DIVISION: Omineca

NTS/BCGS: BCGS 093k025

LATITUDE: 54 ° 15 ' " LONGITUDE: 125 ° 06 ' " (at centre of work)

OWNER(S):

1) 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:

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

Porphyry, copper, molybdenum, biogeochemistry

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 3645, 4282, 4283, 4284, 4758, 17506

PI of 5573242

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo Interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock 4 samples 15g ICP-MS			
Other 9 biogeochemical (spruce branch tips)		0.5g ICP-MS	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$3,628.17

P2 of 557 3242

Assessment Report

**2015 Geochemical Sampling
And
Prospecting Report
On The
Kimura Property
Tenures Worked On: 1031622 and 1031627**

Located In The Nechako Plateau Area
Central British Columbia
Omineca Mining Division
On
NTS: 093K06
BCGS: 093K025
Latitude 54°15' North and Longitude 125°06' West

By
Bernie Kreft

October 8th, 2015

Table Of Contents

Location	Page 1
Claim Status Table	Page 1
Access	Page 1
Topography And Vegetation	Page 1
History And Previous Work	Page 1
Regional Geology	Page 1
BC Map (figure 1)	Page 2
Regional Map (figure 2)	Page 3
Claim Map (figure 3)	Page 4
Kimura Zone Geology	Page 5
Current Work And Results	Page 5
Conclusions	Page 5
Recommendations	Page 6
Sample Label Map figure 4	Page 7
Copper Geochemistry Map figure 5	Page 8
Geology Map figure 6	Page 9
Rock Sample Table	Page 10
Vegetation Sample Table	Page 11
Statement Of Qualifications	Page 12
Statement Of Costs	Page 13
Assay Sheets	At Back

Location – The Kimura project is located on BCGS map sheet 093K025 in the Omineca Mining Division approximately 27 kilometers northwest of Fraser Lake BC, centered at 54°15' north and 125°06' west. The area of interest is located along a ridge top just north of Hanson Lake. A total of five tenures comprise the project, with claim data found on the following table:

Name	Tenure Numbers	Registered Owner	Expiry Date Y/M/D	Area (Ha)
	1031622	Kreft, John Bernard	2015-10-17	18.89
	1031627	“	“	18.89
Kim	1031629	“	“	113.37
Kim Scraps	1031637	“	“	18.89
Kim Cells Connector	1031645	“	“	132.25

Access – Access to the property was achieved by truck from Fraser Lake an approximate 71 kilometre one-way drive requiring about 1 hour to complete. The forestry road route is as follows: Savory Road to Owl Lake Road to Hanson Lake Road.

Topography and Vegetation – The property is located on the Nechako plateau, just north of Hanson Lake. 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 west to east, leaving a widespread veneer of glacial till increasing in thickness as elevations decrease. Topography in the area is moderate, with elevations ranging from 850 meters on Hanson Lake to just over 1200 meters on the hill top closest to the work area. Outcrop exposures are rare with a mélange of rubble-crop and till in the work area.

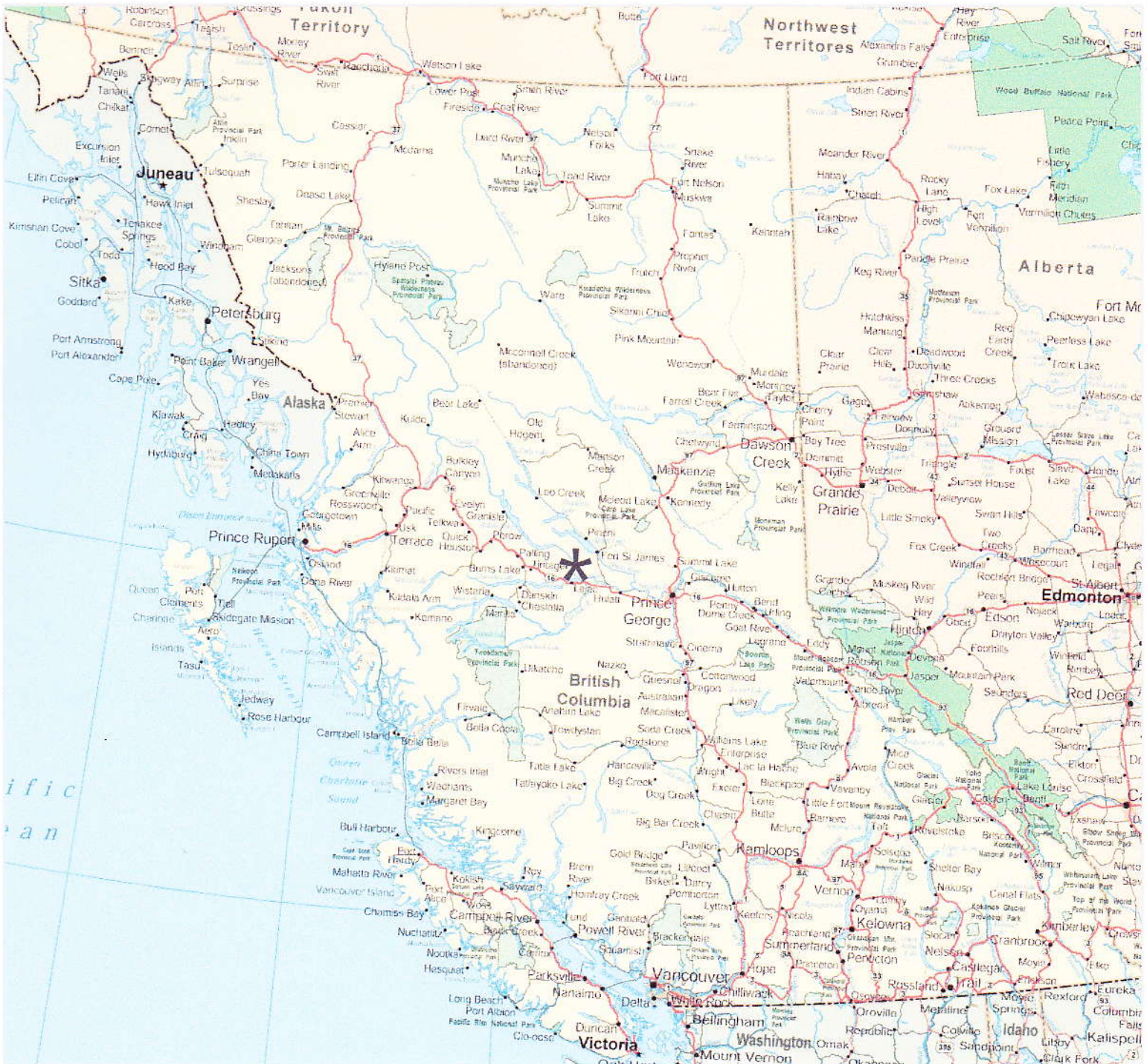
The main economic activity in the area is logging, with several active cut-blocks located just west and south of the property, with the work area itself having been logged approximately 20 years ago. Vegetation is dominated by evergreens (pine and spruce) with poplar and cottonwood in low-lying areas, and undergrowth of huckleberry and alder.

South facing slopes on the property are typically snow free from late April to late October while north facing slopes are generally snow free from mid-May to mid-October.

History And Previous Work – The Kimura Zone has been intermittently explored since 1971 when Endako Mines Limited conducted a regional scale program in the area resulting in the discovery of several showings including the Kimura Zone. During the period 1971 to 1978, Endako completed widespread soil sampling and geophysical surveys (mag and IP) which were followed up with 100 trenches, 4 core holes and 31 percussion drill holes with approximately 1/3 of this work dedicated towards the Kimura Zone area. Overall results were thought to be uneconomic and the ground was allowed to lapse.

During the period 1988-1993 Cazador Explorations conducted extensive geochemical soil surveys and ground magnetic surveys north of Hanson Lake followed by trenching and drilling (core and reverse circulation). This work resulted in the discovery of several new showings but overall results were uneconomic and the ground was allowed to lapse.

Regional Geology – The oldest rocks in the Hanson Lake area are the Devonian-Triassic metamorphic rocks of the Taltapin and Cache Creek metamorphic complexes (Figure 4). These rocks are intruded by the Late Triassic Boer and the Late Triassic-Early Jurassic Stern Creek plutonic suites. Ultramafic rocks north of Hanson Lake are assigned to the Late Triassic-Early Jurassic Butterfield Lake Intrusive Complex. The Late Triassic-Early Jurassic intrusions are in part coeval with rocks of the Upper Triassic-

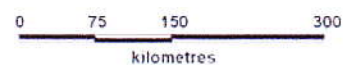


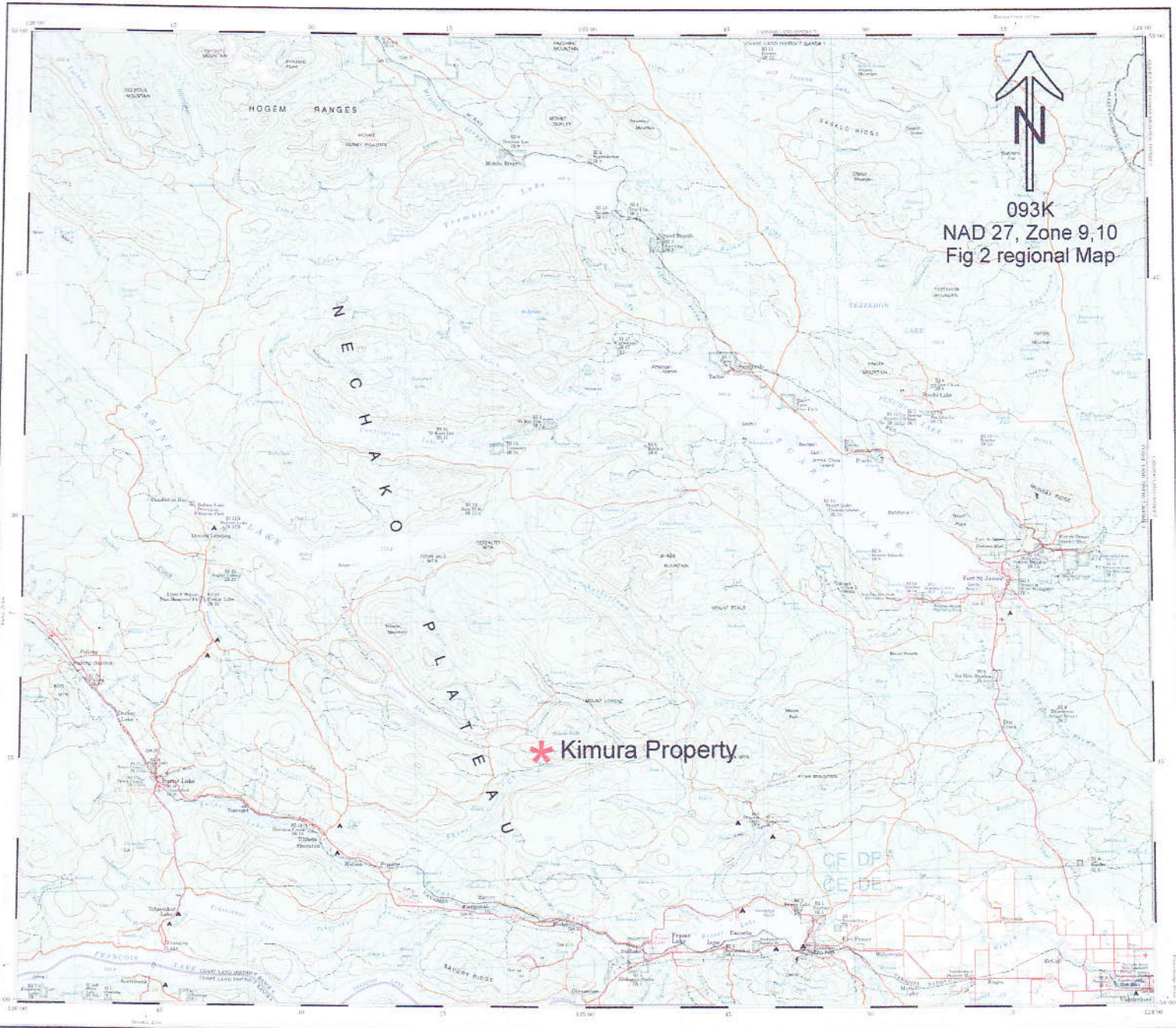
Property Location Map (Provincial)
 To Accompany Kimura Assessment Report

* = Property Location

Date Drawn: October 8th, 2015
 Drawn By: Bernie Kreft

Fig1





093K
NAD 27, Zone 9,10
Fig 2 regional Map

* Kimura Property



PROCESSED BY THE CANADIAN CENTER FOR MAPPING
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FORT FRASER
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:666,667



CONVERSION SCALE FOR ELEVATIONS
Meters 0 100 200 300 400 500 600 700 800 900 1000 Feet

Symbol	Description
[Red line]	International Boundary
[Blue line]	Water
[Green line]	Vegetation
[Brown line]	Contours
[Black line]	Roads
[Grey line]	Settlements
[Red asterisk]	Kimura Property

Scale	1:666,667
1:100,000	1:666,667
1:250,000	1:666,667
1:500,000	1:666,667
1:1,000,000	1:666,667



Kreft Tenures Outlined by Red Dash

093K025
1:15,000
Claim Map
fig 3

1031637

1031686

1215
Approximate Outline Sample Maps

1031645

93K.025
1031627 1200 1031622

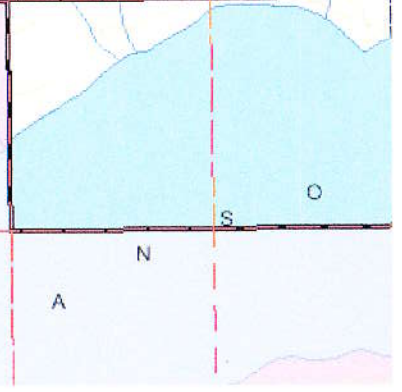
1100

1000

1031629

900

1031623



Lower Jurassic Sitlika Assemblage and the Lower to Middle Jurassic Hazelton Group. The area south of Hanson Lake is largely underlain by granitic rocks of the Middle to Late Jurassic Francois Lake and Stag Lake plutonic suites of the Endako batholith. A younger, Early Cretaceous pluton that underlies the area immediately south of Hanson Lake comprises the Hanson Lake phase of the batholith. The Endako batholith and older metamorphic rocks are overlain by the Lower Cretaceous sedimentary rocks of the Skeena Group and Upper Cretaceous andesitic volcanic rocks of the Kasalka Group. Extensive areas northwest and southeast of Hanson Lake are covered by relatively flat lying to gently dipping flows of the Eocene age. These rocks include felsic volcanic and sedimentary rocks of the Ootsa Lake Group and overlying basaltic flows of the Endako Group.

Kimura Zone Geology – The majority of the Kimura Zone is characterized by a very coarse-grained quartz monzonite/granite that grades to pegmatitic locally with feldspar crystals reaching up to two centimetres. This intrusive phase is distinguished by large, quartz phenocrysts up to 1.0 centimetre in diameter. Andesitic dykes commonly intrude the plutonic rocks. The dykes are massive, fine grained and locally feldspar porphyritic. They commonly contain small amounts of disseminated pyrite and often magnetite. Propylitic alteration, characterized by chloritized mafic minerals, is pervasive throughout the zone. Epidote is seen in several trenches along the west side of the Kimura zone. Silicic alteration appears to form a core within the zone (Koyanagi, AR27865, 2005). Mineralization in the Kimura zone occurs mainly as disseminated sulphides with locally occurring massive sulphides. Sulphides are mostly pyrite and chalcopyrite with minor amounts of bornite (Koyanagi, AR27865, 2005).

Current Work and Results – Exploration work at the Kimura Project was conducted on May 5th 2015 and yielded 9 vegetation (biogeochemical) samples and 4 rock samples. Vegetation samples consisted of a standard 8.5x11 poly rock sample bag at least half-filled with the last 15cm of branches found on 8 to 12 cm in diameter pine trees. Rock samples were taken from angular float boulders and possible subcrop. Sample sites were marked in the field using flagging inscribed with the sample code, with both vegetation and rock samples placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by ACME, with vegetation samples prepped using VA475 (dry 50g and then ash at 475°) and rocks prepped using PRP7-250 (pulverize and 250g split). The vegetation samples were analyzed using 1DX1 (36 element icp with 0.5g sample size) and the rock samples analyzed using 1DX2 (36 element icp with 15 gram sample size).

Fieldwork completed on the Kimura Property during the 2015 field season was designed to test the efficiency of biogeochemical sampling on this property and to test the precious metal potential of the showing.

A total of 4 rock samples were taken, weakly developed porphyry copper style alteration and mineralization was encountered. Precious metals content was at background levels only. Extensive snow cover hindered a more thorough test of the properties potential.

A total of 9 vegetation samples yielded several highly anomalous values for Cu-Mo-Au and several moderately anomalous Ag values. Results appear to suggest precious metal potential exists within the Kimura Zone and that biogeochemical/vegetation sampling will be effective in tracing sub-surface mineralization in this terrain and on this target.

Conclusions – Fieldwork on the Kimura Property confirmed that the showings have precious metals potential and that biogeochemical/vegetation sampling will be an effective geochemical sampling method in this terrain and for this target. Given that there has been a significant amount of drilling (percussion

and diamond) as well as trenching completed on this project to date, the paucity of economic intersections from this work suggests that further work is of a low priority.

Recommendations – Further work on the Kimura project is recommended but is of a low priority and should be completed on a “when in the area” basis. Initial work should consist of a small biogeochemical sampling program using pine tree bark. Should results of this work be sufficiently encouraging a more significant program can be considered.

363000

364000

6014000



093K025
NAD 83, Zone 10
1:5,000

KIR-03, 04, 05
KIR-02

JKIV-02
JKIV-01
JKIV-04
JKIV-03

KKIV-01
KKIV-02
KKIV-05

KKIV-03

1200

P

1031627 1031622
1031629

Kimura Sample Map

- ↑ = Vegetation sample
- ↑ = Not Anomalous according to filter
- ↑ = Anomalous according to filter
- ↑ = Moderately Anomalous according to filter
- ↑ = Highly Anomalous according to filter

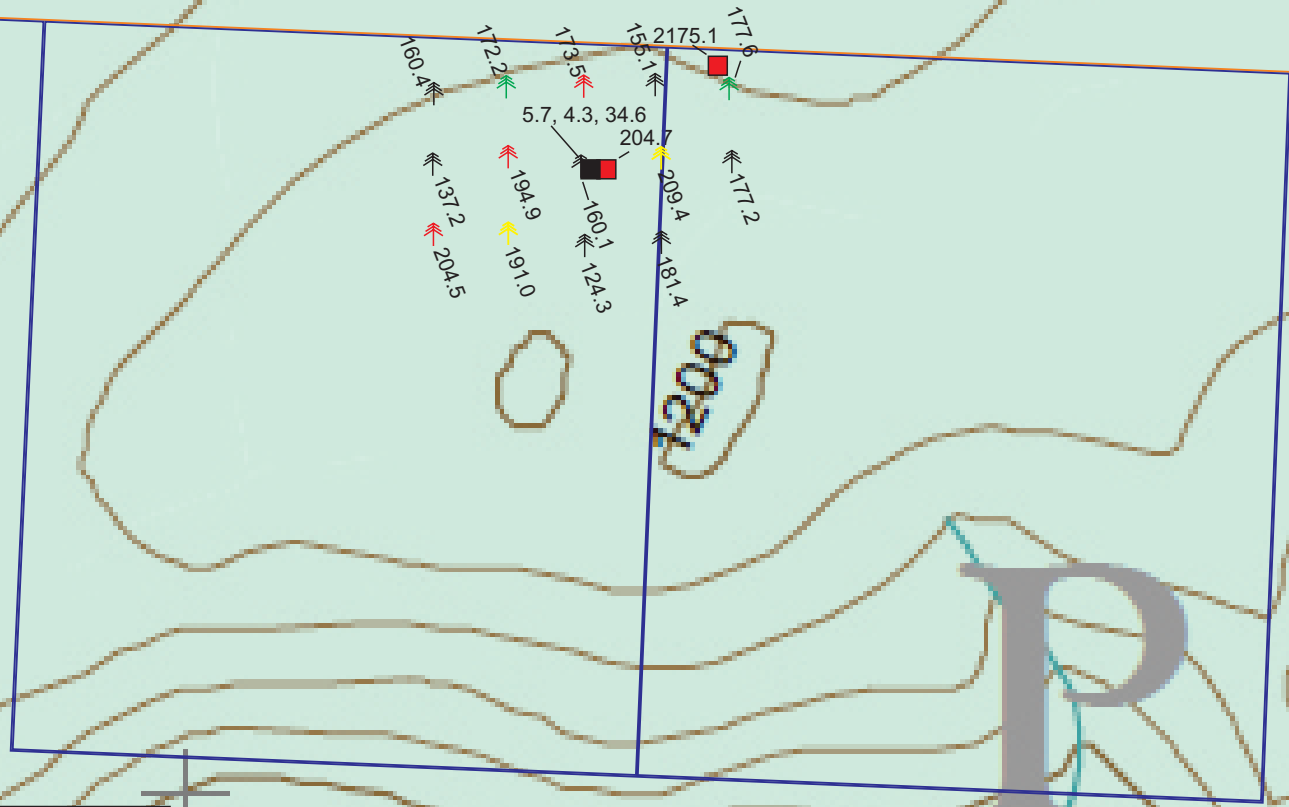
- = Rock Sample
- = >150ppm Cu
- = <149ppm Cu

0m 25m 50m 100m 200m
1cm=50m or 1:5,000

fig.4

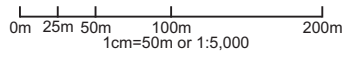
363000
6014000

364000
093K025
NAD 83, Zone 10
1:5,000



Kimura Cu Map

- Black arrow = Vegetation sample with anomalous elements
- Black arrow = Not Anomalous according to filter
- Green arrow = Anomalous according to filter
- Yellow arrow = Moderately Anomalous according to filter
- Red arrow = Highly Anomalous according to filter
- Black square = Rock Sample
- Red square = >150ppm Cu
- Black square = <149ppm Cu



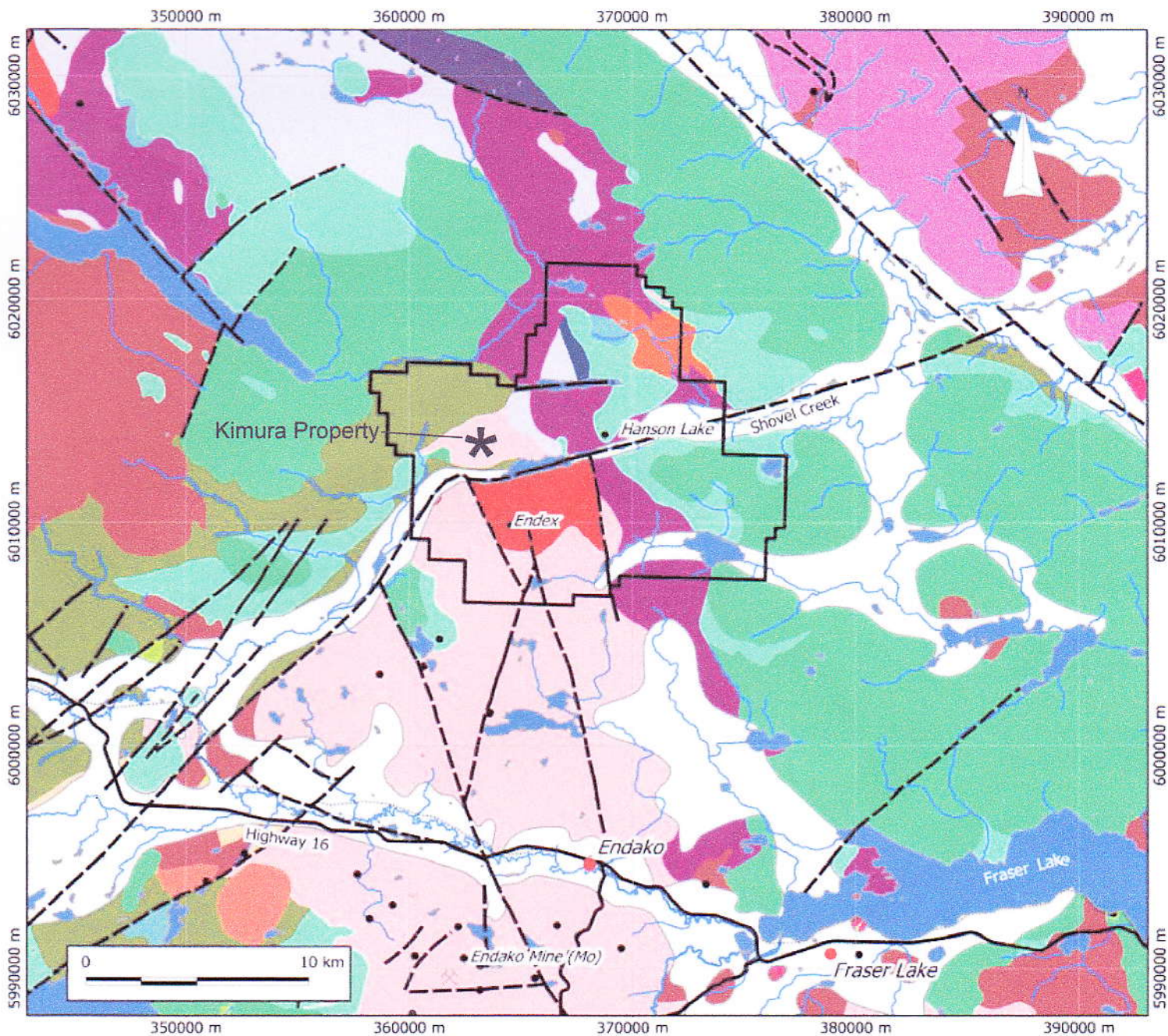


Figure 6. Regional geology (after Massey et al., 2005)

Kimura Rock Sample Table

	<u>Easting</u>	<u>Northing</u>	<u>Description</u>	<u>Wgt</u>	<u>Mo</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Au</u>
KIR-02	363464	6013796	limonitic granite tr diss py poss cpy cut by py chlorite veinlet	0.79	5.1	204.7	18	221	1.4	1.3	3.4
KIR-03	363443	6013796	Rusty Limonitic granite to felsite trace diss py poss Mo	0.81	71	5.7	15.6	61	0.2	0.8	1.4
KIR-04	363443	6013796	Pale grey intrusive with trace diss py cut by chlorite veinlets	0.76	1.4	4.3	11.6	97	0.1	0.8	4.2
KIR-05	363453	6013796	Weakly pyritic diorite (approx cords, on way back to KIR-02)	0.87	0.6	34.6	9.8	128	0.1	0.5	3.9

All values ppm except for gold in ppb

Kimura Vegetation Sample Table

	Analyte	Easting	Northing	Pre Ash Wt	Ashed Wt	Wgt	Mo	Cu	Ag	Au	Rating
JKIV-01	Vegetation	363400	6013800	41.344	0.332	0.08	143.9	194.9	3.6	27.9	10
JKIV-02	Vegetation	363350	6013800	22.504	0.498	0.04	72.7	137.2	1.1	15	1
JKIV-03	Vegetation	363350	6013750	45.724	0.386	0.08	107.6	204.5	5.9	19.5	11
JKIV-04	Vegetation	363400	6013750	33.383	0.371	0.07	125.6	191	6	17.1	9
JUKIV-01	Vegetation	363350	6013850	40.746	0.346	0.05	36.1	160.4	4.7	10.6	1
JUKIV-02	Vegetation	363400	6013850	33.094	0.333	0.07	152.2	172.2	3.4	16.7	6
JUKIV-03	Vegetation	363450	6013850	31.211	0.269	0.05	126.7	173.5	8	26.1	10
JUKIV-04	Vegetation	363500	6013850	37.053	0.381	0.06	84.1	155.1	4.4	11.2	1
JUKIV-05	Vegetation	363550	6013850	46.03	0.435	0.08	119.6	177.6	6.3	11.4	5
KKIV-01	Vegetation	363450	6013800	35.012	0.52	0.06	47.1	160.1	2.3	8.7	0
KKIV-02	Vegetation	363500	6013800	25.683	0.296	0.05	111.7	209.4	5.3	8.7	8
KKIV-03	Vegetation	363550	6013800	27.333	0.337	0.06	90.9	177.2	1.4	6.1	2
KKIV-05	Vegetation	363500	6013750	31.919	0.333	0.05	86.5	181.4	4.6	6.6	3
KKIV-06	Vegetation	363450	6013750	26.279	0.424	0.05	91	124.3	2.6	5.1	0

Filtering System:

Highly anomalous Mo-Ag-Au = 3 points; Cu = 6 points

Moderately anomalous Mo-Ag-Au = 2 points; Cu = 4 points

Anomalous Mo-Ag-Au = 1 point; Cu = 2 points

All Values PPM except for gold in PPB

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 on May 5th of the 2015 field season.

This report is based on fieldwork completed on the Kimura Project

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Bernie Kreft", written over a horizontal line.

Bernie Kreft

Statement of Costs

Truck Travel (round trip Whitehorse to Fraser Lake) 505.5 km x \$0.75/km	\$379.13
Wages Justin Kreft (0.5 field day and 0.5 travel day x \$250/day) May 5 th , 2015	\$250.00
Acme Analytical (9 veg x \$26.22, 4 rocks x \$30.48)	\$357.90
Report Writing, Mailing and Duplication	\$1,250.00
Wages Kyle Eide (0.5 field day and 0.5 travel day x \$250/day) May 5 th , 2015	\$250.00
Wages Bernie Kreft (0.5 field day and 0.5 travel day x \$500/day) May 5 th , 2015	\$500.00
Food, Field Supplies, Hotel (3 x 1.0 days x \$150/day)	\$450.00
Sample Shipping Greyhound	\$18.37
Sub Total	\$3,455.40
5% Management Fee	\$172.77
Total	\$3,628.17



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PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: May 19, 2015
Report Date: May 29, 2015
Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN15001056.1

CLIENT JOB INFORMATION

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

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 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 YT 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			VAN
AQ201	92	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DRPLP	92	Warehouse handling / disposition of pulps			VAN
DRRJT	92	Warehouse handling / Disposition of reject			VAN
FA430	7	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
FA530	1	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.



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Bureau Veritas Commodities Canada Ltd.

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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: May 29, 2015

Page: 4 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN15001056.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	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	0.001	

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KIR-02	Rock	0.79	5.1	204.7	18.0	221	1.4	3.9	5.5	230	2.59	1.3	3.4	14.4	16	0.2	0.1	2.1	22	0.13	0.039
KIR-03	Rock	0.81	71.0	5.7	15.6	61	0.2	1.0	1.3	131	1.47	0.8	1.4	10.0	39	<0.1	<0.1	1.2	12	0.07	0.041
KIR-04	Rock	0.76	1.4	4.3	11.6	97	0.1	2.7	3.4	224	1.43	0.8	4.2	13.3	16	0.2	<0.1	1.5	22	0.17	0.050



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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: May 29, 2015

Page: 4 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN15001056.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.9

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KIR-02	Rock	11	5	0.37	38	0.031	<1	0.77	0.085	0.17	0.8	<0.01	2.2	0.2	1.26	5	<0.5	0.4	
KIR-03	Rock	13	3	0.20	56	0.047	<1	0.38	0.096	0.25	1.0	<0.01	1.6	<0.1	0.12	3	<0.5	0.5	
KIR-04	Rock	16	5	0.31	39	0.060	<1	0.50	0.099	0.17	0.6	<0.01	2.5	<0.1	<0.05	3	<0.5	0.6	



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Page: 5 of 5

Part: 1 of 2

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VAN15001056.1

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
MDL	0.01	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	0.001		
KIR-05	Rock	0.87	0.6	34.6	9.8	128	0.1	25.4	13.6	572	4.06	0.5	3.9	6.2	118	0.6	<0.1	<0.1	101	1.63	0.250	



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: May 29, 2015

Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN15001056.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA430	FA530
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.9
KIR-05	Rock	34	43	1.37	75	0.103	<1	1.89	0.126	0.15	0.1	<0.01	4.9	<0.1	<0.05	7	<0.5	<0.2	



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MINERAL LABORATORIES
Canada

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Client: Kreft, Bernie
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Submitted By: Bernie Kreft
Receiving Lab: Canada-Vancouver
Received: May 19, 2015
Report Date: June 04, 2015
Page: 1 of 5

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

CERTIFICATE OF ANALYSIS

VAN15001057.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 111

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 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 YT Y1A 5G9
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
VA475	111	Vegetation Ashing at 475	50		VAN
Split Ash from VA475	111	Analysis sample split/packet			VAN
AQ200	111	1.1.1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
DRPLP	111	Warehouse handling / disposition of pulps			VAN
DRRJT	100	Warehouse handling / Disposition of reject			VAN

ADDITIONAL COMMENTS

All vegetation samples are twigs & needles except for JUKIV-01 to JKIV-04 are twigs only.



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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Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: June 04, 2015

Page: 5 of 5

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN15001057.1

Method	VA475	VA475	WGHT	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Ash	Washed	Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	g	g	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.001	0.01	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	

KKIV-01	Vegetation	35.012	0.520	0.06	47.1	160.1	11.1	1818	2.3	25.0	6.8	9590	0.38	2.0	8.7	0.4	464	33.6	0.5	0.2	13
KKIV-02	Vegetation	25.683	0.296	0.05	111.7	209.4	13.3	3625	5.3	33.0	13.5	>10000	0.72	3.0	8.7	0.7	736	40.2	0.8	0.2	20
KKIV-03	Vegetation	27.333	0.337	0.06	90.9	177.2	15.5	1927	1.4	26.6	9.1	>10000	0.56	2.1	6.1	0.5	654	32.3	2.4	0.3	16
KKIV-05	Vegetation	31.919	0.333	0.05	86.5	181.4	16.7	1916	4.6	26.2	6.9	>10000	0.56	2.6	6.6	0.5	945	43.6	0.8	0.3	16
KKIV-06	Vegetation	26.279	0.424	0.05	91.0	124.3	11.0	1316	2.6	21.1	5.5	5034	0.46	2.5	5.1	0.4	646	18.5	0.6	0.2	13
JKIV-01	Vegetation	41.344	0.332	0.08	143.9	194.9	20.3	3451	3.6	41.1	15.5	>10000	0.81	3.4	27.9	0.7	873	88.4	1.1	0.4	22
JKIV-02	Vegetation	22.504	0.498	0.04	72.7	137.2	23.0	3231	1.1	17.8	8.4	8942	0.42	2.6	15.0	0.5	2912	4.8	0.6	0.2	12
JKIV-03	Vegetation	45.724	0.386	0.08	107.6	204.5	17.4	2777	5.9	27.0	9.8	>10000	0.61	3.4	19.5	0.6	1187	51.6	0.8	0.4	17
JKIV-04	Vegetation	33.383	0.371	0.07	125.6	191.0	17.0	2375	6.0	23.0	7.2	>10000	0.61	4.4	17.1	0.6	885	27.2	1.0	0.4	17



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PHONE (604) 253-3158

Client: **Kreft, Bernie**
1 Locust Place
Whitehorse YT Y1A 5G9 CANADA

Project: None Given
Report Date: June 04, 2015

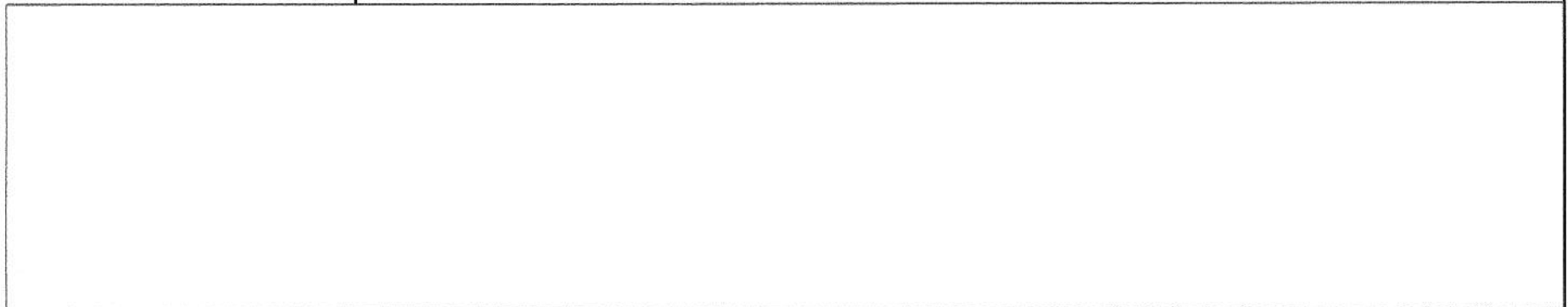
Page: 5 of 5

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN15001057.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	



KKIV-01	Vegetation	25.16	1.837	3	83	4.47	261	0.022	553	3.22	0.257	3.32	0.2	<0.01	2.6	0.2	0.68	2	<0.5	<0.2
KKIV-02	Vegetation	21.58	2.703	5	167	5.13	445	0.036	966	2.90	0.548	3.43	0.4	0.01	3.5	<0.1	1.34	3	0.8	<0.2
KKIV-03	Vegetation	25.64	2.052	4	131	4.63	410	0.029	824	3.02	0.549	2.92	0.4	<0.01	3.6	<0.1	1.33	2	0.8	<0.2
KKIV-05	Vegetation	25.01	2.405	4	127	3.99	732	0.029	1109	3.89	0.487	2.93	0.4	<0.01	3.5	<0.1	1.08	2	<0.5	<0.2
KKIV-06	Vegetation	27.89	1.616	3	114	3.40	356	0.021	643	2.58	0.439	2.02	0.4	<0.01	3.1	<0.1	0.81	2	<0.5	<0.2
JKIV-01	Vegetation	21.28	2.452	5	14	4.33	655	0.037	1130	3.27	0.529	3.17	0.7	<0.01	4.1	0.2	1.28	3	<0.5	<0.2
JKIV-02	Vegetation	27.14	1.468	4	8	1.57	2442	0.034	565	0.64	0.505	6.52	0.4	<0.01	3.9	<0.1	0.46	2	<0.5	<0.2
JKIV-03	Vegetation	27.13	1.948	5	10	5.19	712	0.030	924	3.17	0.413	3.14	0.6	<0.01	3.7	0.2	1.26	2	1.7	<0.2
JKIV-04	Vegetation	25.62	2.115	5	10	5.52	505	0.029	835	3.93	0.367	2.53	0.6	<0.01	3.5	<0.1	1.27	2	0.9	<0.2