

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: \$6,247.37

AUTHOR(S): Bernie Kreft

SIGNATURE(S): original signed

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5554934

PROPERTY NAME: Bull Epithermal

CLAIM NAME(S) (on which the work was done): claim has no name, other one call Bull Perim

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093F 063

MINING DIVISION: Omineca

NTS/BCGS: _____

LATITUDE: 53 ° 26 ' _____ " LONGITUDE: 125 ° 31 ' _____ " (at centre of work)

OWNER(S):

1) Bernard Kreft 2) _____

MAILING ADDRESS:

1 Locust Place, Whse 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):
epithermal, stockwork, breccia, pyrite, arsenopyrite, galena, gold, silver

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 22535

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 17 _____		AQ201 15g ICP	
Silt _____			
Rock 11 _____		AQ201 15g ICP	
Other _____			
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:	\$6,247.37

Assessment Report

**2015 Geochemical Sampling
And
Prospecting Report
On The
Bull Epithermal Property
Tenures Worked On: 1028430, 1032845**

Located In The Nechako Plateau Area
Central British Columbia
Omineca Mining Division
On
NTS: 093F05E
BCGS: 093F043
Latitude 53°26' North and Longitude 125°31' West

By
Bernie Kreft

August 7th, 2015

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Location – The Bull Epithermal project is located on BCGS map sheet 093F043 in the Omineca Mining Division approximately 93 kilometers south-west of Burns Lake BC and 4km north of Chelaslie Arm, a branch of Euchu Lake, centered at 53°26' North and 125°31' West. A total of two tenures comprise the project, with claim data found on the following table:

Name	Tenure Numbers	Registered Owner	Expiry Date Y/M/D	Area (Ha)
Bull Perim	1032845	Kreft, John Bernard	2019/nov/30	154.07
	1028430	"	2021/nov/30	19.26

Access – Access to Bull was achieved via helicopter from Burns Lake, an approximate 35 minute one-way flight. The property can also be reached by a series of logging roads extending south from either Burns Lake or Vanderhoof to the Ice Bridge Ferry crossing at Ootsa Lake/Intata Reach. Well maintained logging roads extend from the south shore barge landing (near White Eye Lake) to the centre of the property. Ferry access across Intata Reach is intermittent due to a slowdown in forestry activities, necessitating calling in advance about barge availability. Canfor (1-250-567-4725) holds active logging licenses in the immediate area while barge service across Intata is controlled by the Cheslatta Group (contact James Riccochi at 1-250-694-3334).

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

The main economic activity in the area is logging, with approximately 20% of the property being clear cut which has left logging slash with a light growth of shrubbery and planted trees. Vegetation is dominated by evergreens (pine and spruce) with poplar and cottonwood in low-lying areas, and undergrowth of huckleberry and alder. Large areas of vegetation have been affected by the Rocky Mountain Pine beetle. Along the Nechako Reservoir, any area close to lake level is potentially liable to be flooded with no compensation. There are numerous ranches and farms and some tourism related businesses northwest of the property in the Takysie-Grassy Plains area.

History and Previous Work – This area received little exploration until the late 1960's when several major mining companies including Noranda Exploration Company Ltd and Placer Developments Ltd carried out regional stream and lake sediment sampling programs in search for Cu-Mo porphyry deposits. This work resulted in the staking of the nearby WT (Uduk Porphyry property) showing by Noranda and the Bull showing by Placer Developments. A brief description of the exploration programs conducted on the Bull showing is found below:

AR 22535 – In 1992 Dave Caulfield conducted a field exploration program, on Sleeping Gold Ltd.'s Bull Property. This work yielded 24 rock samples and 152 soil samples and resulted in the discovery of a minimum 4m wide by 20m long zone of epithermal style quartz vein stockwork and breccia, samples of which yielded up to 21.4 g/t Au and 186.5 g/t Ag along with anomalous Pb-As-Sb-Zn-Cu. Mineralization remains open to the west but appears to be cut off by a rhyolite dyke 100m east of the showing. Soil geochemistry returned up to 1320 ppb Au and 57.6 ppm Ag with the distribution of anomalous values suggesting the presence of additional nearby mineralization. Geology consists of a sequence of lower to middle Jurassic Hazelton Group mafic volcanics intruded by Eocene Ootsa Lake group rhyolite

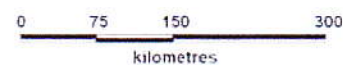


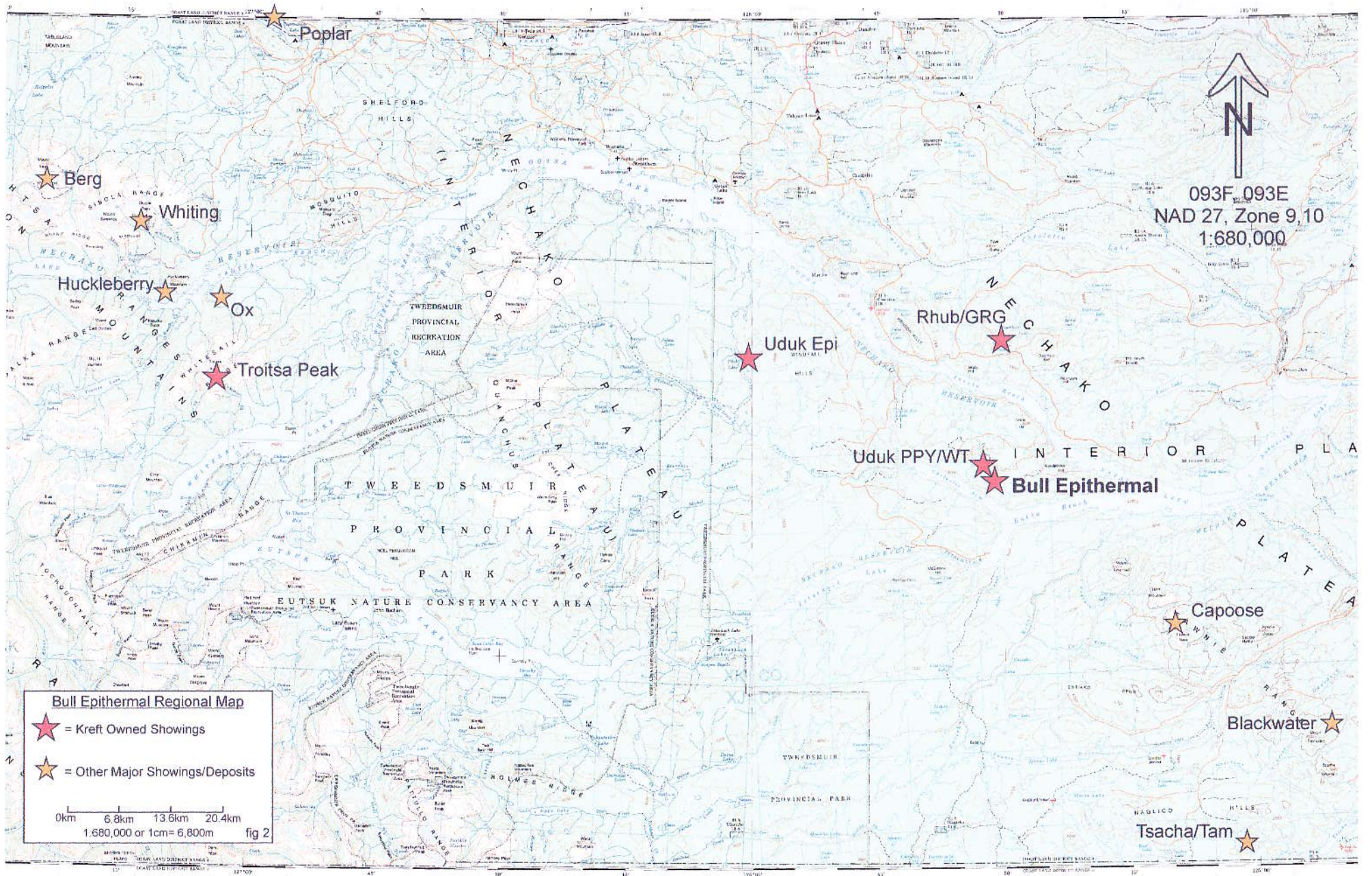
Property Location Map (Provincial)
 To Accompany Bull Epithermal Assessment Report

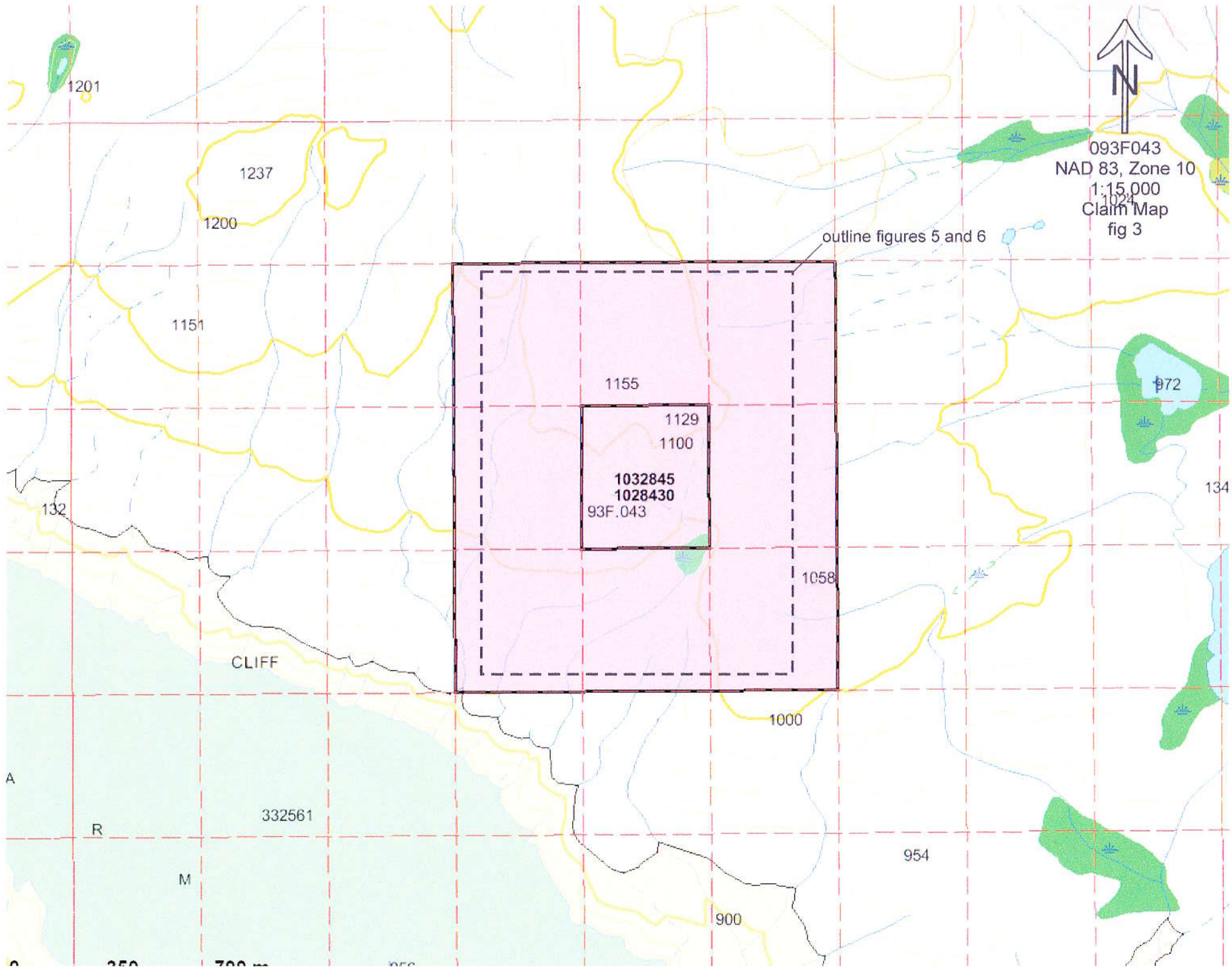
* = Property Location

Date Drawn: August 6th, 2015
 Drawn By: Bernie Kreft

Fig1







093F043
NAD 83, Zone 10
1:15,000
Claim Map
fig 3

outline figures 5 and 6

1155
1129
1100
1032845
1028430
93F.043

CLIFF

332561

954

900

1201

1237

1200

1151

1155

1129
1100

132

1058

1000

72

134

A

R

M

350

700

950

dykes which in turn are cut by diabase dykes thought to be feeders to the Miocene Endako Group basalt.

AR 29485 – During 2007 Golden Dragon Exploration Inc. contracted Aeroquest to conduct a helicopter-borne AeroTEM electromagnetic and magnetic survey at 100 metre line spacings over an approximate 5km x 18km NW trending block encompassing the Bull property. This work located a moderate NNE trending magnetic anomaly within which the showing is located. Of Particular interest is that the most intense portion of this linear anomaly occurs in the immediate vicinity of the Bull Showing. See attached figures for more detail.

Regional Metallogeny – GSC 2000-A9 (Late Cretaceous ages for the Chelaslie River and Tetachuk North plutons) contains data on age-dating of two granitic plutons in the vicinity of the Uduk Porphyry property. The intrusives dated are biotite hornblende diorite to quartz monzodiorite bodies located approximately 10 kilometres south and west of Uduk Porphyry property which contains a texturally and compositionally similar body. Age dates of 76.6 Ma to 80.3 Ma were returned and help correlate with and extend eastward the distribution of the Bulkley plutonic suite which is associated with important Cu a/o Mo porphyry deposits such as Berg, Whiting, Ox and Huckleberry. The Bulkley Suite may also be associated with epithermal style precious metal targets such as Blackwater-Davidson and Capoose. Work by Tempelman-Kluit VP of exploration for Richfield Ventures noted that felsic magmatism and associated mineralization at Blackwater and Capoose has been dated at 66-74 Ma and may represent the waning stages of Bulkley suite (70-84 Ma) magmatism.

Geology – Bedrock in the area of the Uduk Porphyry property consists of early to middle Jurassic Hazelton Group volcanics and lesser sediments intruded by a late Cretaceous Bulkley suite dioritic intrusive. Cutting these rocks are Eocene Ootsa Lake group rhyolite dykes and later diabase dykes thought to be feeders to the Miocene Endako group basalt, outcrops of which can be found to the north and east of the property. For greater detail on the description of the various rock units present the reader is referred to AR22535 by Caufield for Sleeping Giant.

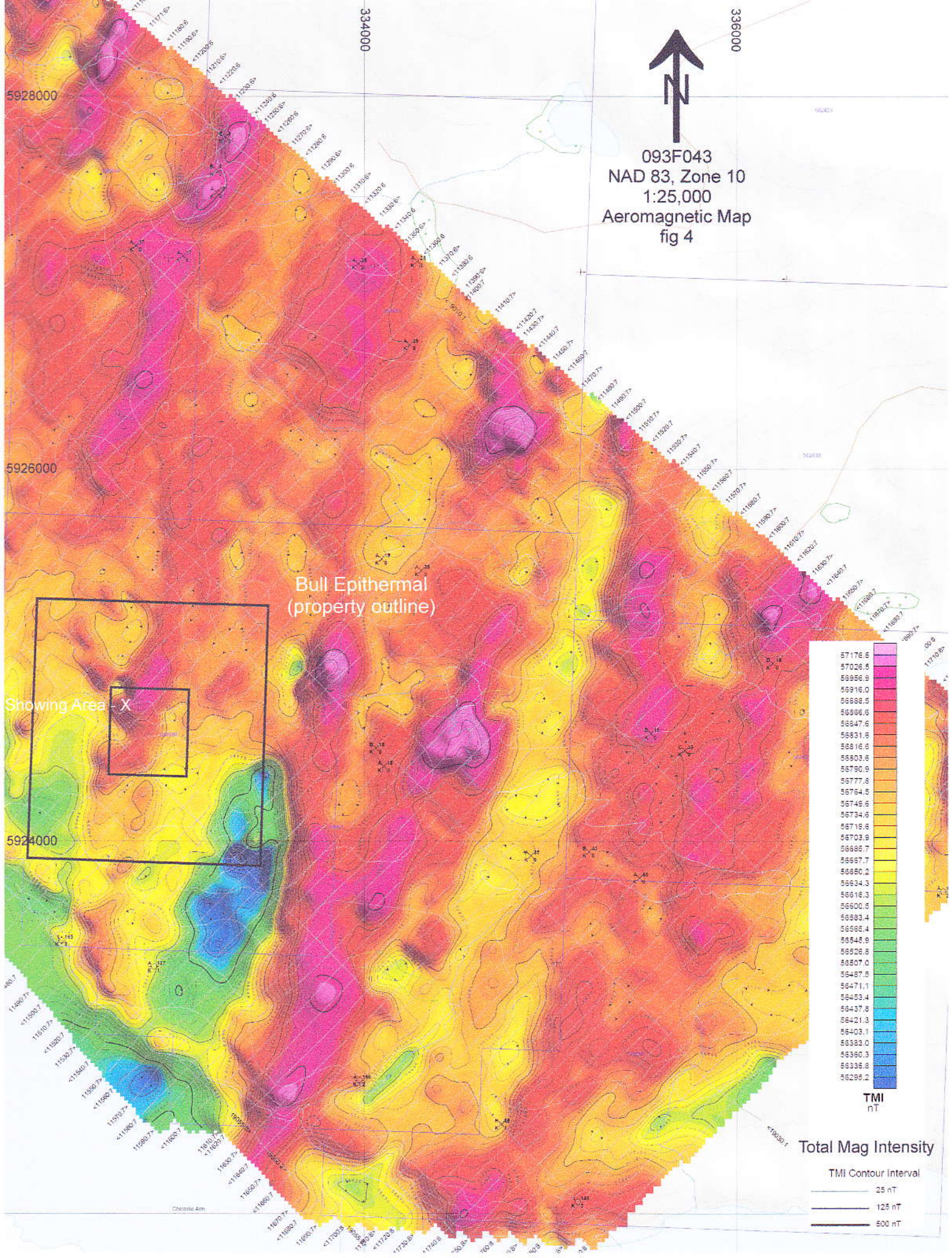
Current Work and Results – Exploration work at the Bull Project yielded 17 soil and 11 rock samples. Soil samples were taken from a melange of talus fines and conventional soils (B and C horizon) found at depths of less than 20cm across the property. Soil sampling conditions were good but very time consuming. Rock samples were taken from outcrops and small hand dug pits and scrapings. Sample sites were marked in the field using flagging inscribed with the sample code, with soil samples placed in industry standard soil sample envelopes and rock samples placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by ACME, with soils and tills prepped using SS80 (100g to -80 mesh), rocks prepped using PRP7-250 (pulverize and 250g split) and analyses completed using their AQ201 (36 element aqua regia ICP-MS) package. All rock samples that returned greater than 0.5 g/t were subjected to their FA430 (30g fire assay with AAS finish) method.

Fieldwork completed on the Bull Property during the 2015 field season was designed to confirm historical Sleeping Giant results. The top rock sample returned values of 14.6 g/t Au and 71.3 g/t Ag from a 0.3m x 0.3m panel sample of silicified and pyritic Hazelton Group volcanics mineralized with finely disseminated galena and arsenopyrite. The top soil sample returned 1007.6 ppb Au with its location and grade suggesting the presence of yet to be discovered high-grade gold mineralization. Overall results confirm Caufield's observation that an epithermal style target exists within property environs.

Conclusions – Recent age dating of plutonic bodies in the vicinity of the Bull project suggests that the closest intrusive to the property (WT prospect approximately 3.7 kilometres to the NW) is likely part of the metallogenically important Bulkley Plutonic Suite, which is associated with significant Cu-Mo



093F043
NAD 83, Zone 10
1:25,000
Aeromagnetic Map
fig 4



5928000

5926000

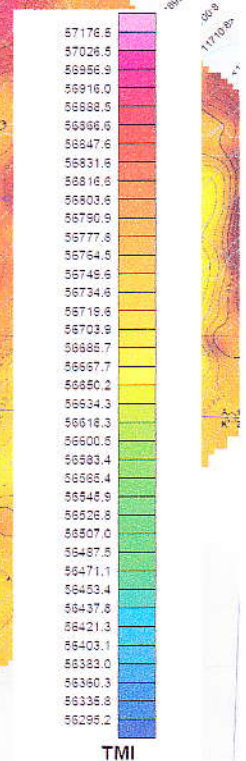
5924000

334000

336000

Bull Epithermal
(property outline)

Showing Area - X



TMI
nT

Total Mag Intensity

TMI Contour Interval

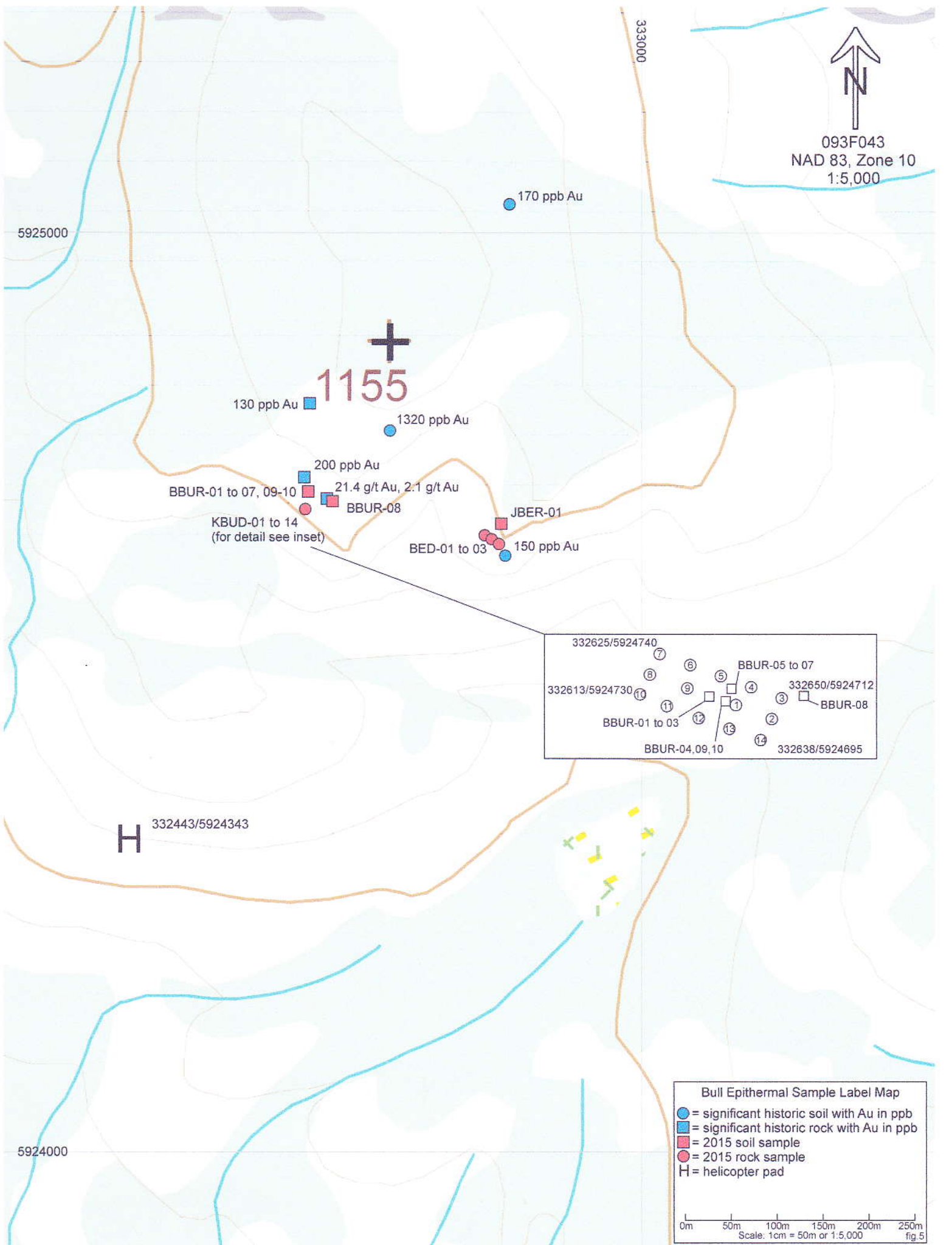
- 25 nT
- 125 nT
- 500 nT

porphyry deposits like Huckleberry, Berg, Whiting, Ox and epithermal style targets such as Capoose and Blackwater. Mineralization and alteration located at Bull is epithermal in nature and given that the host rocks are likely Hazelton Group volcanics some significant similarities can be drawn between Bull and the Blackwater-Capoose area epithermal gold targets. The combination of an excellent geophysical database, extensive network of logging roads, a complete lack of drilling, minimal trenching, similarities to Blackwater-Capoose and the masking effects of glacial till suggests excellent exploration upside remains, with further work highly recommended.

Recommendations – Further work on the Bull project is highly recommended and should initially consist of geological studies designed to attempt to constrain the age and genesis of the mineralization. Assuming the target is found to be analogous to Blackwater-Capoose, a property wide soil sampling and prospecting program is recommended.



093F043
NAD 83, Zone 10
1:5,000



170 ppb Au

130 ppb Au

1320 ppb Au

200 ppb Au

21.4 g/t Au, 2.1 g/t Au

BBUR-01 to 07, 09-10

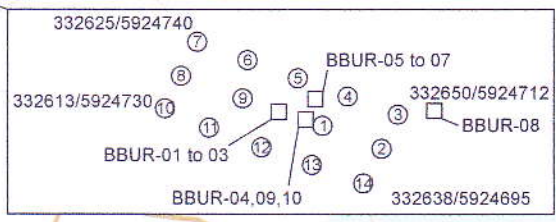
BBUR-08

KBUD-01 to 14
(for detail see inset)

JBER-01

BED-01 to 03

150 ppb Au



H 332443/5924343

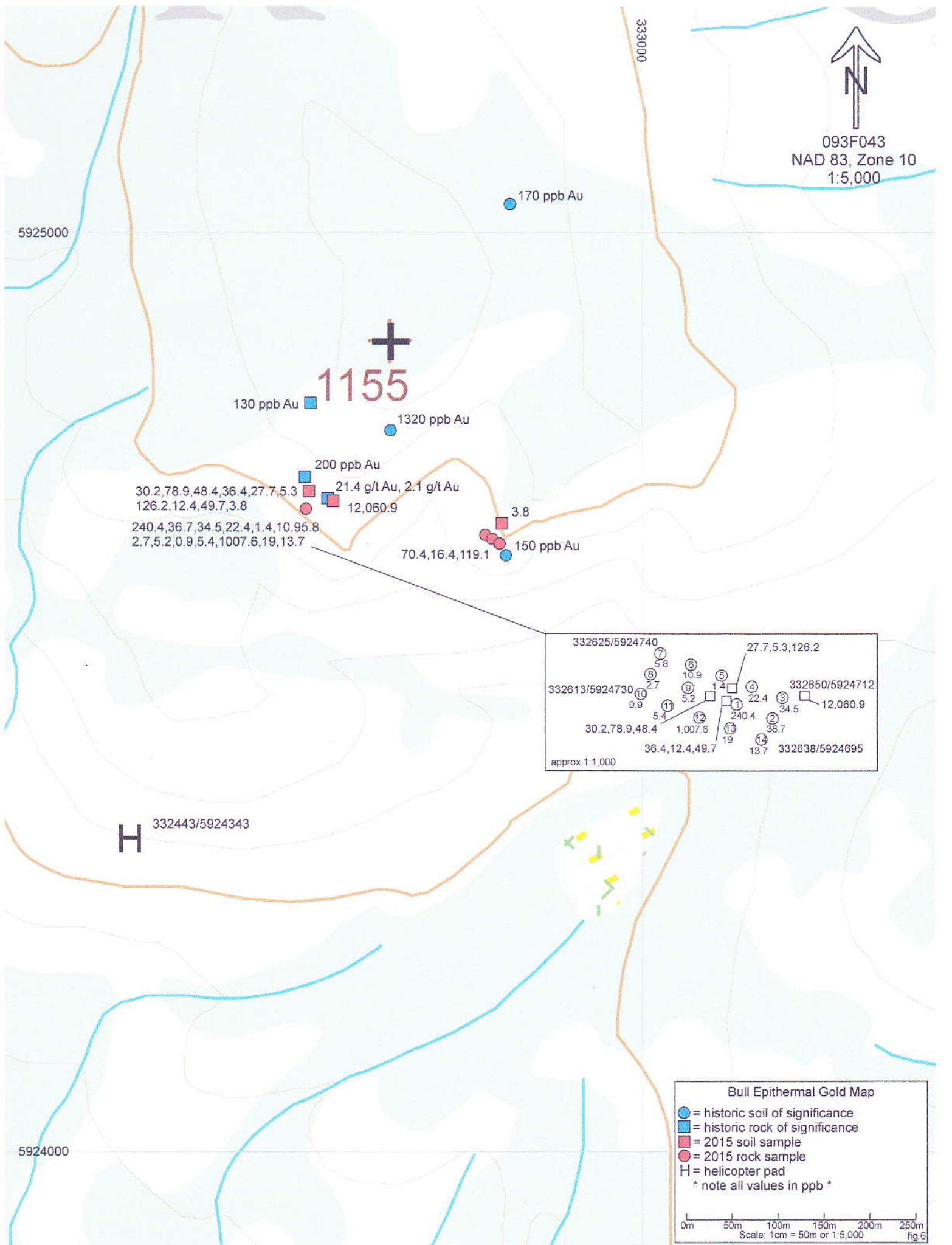
Bull Epithermal Sample Label Map

- = significant historic soil with Au in ppb
- = significant historic rock with Au in ppb
- = 2015 soil sample
- = 2015 rock sample
- H = helicopter pad

0m 50m 100m 150m 200m 250m
Scale: 1cm = 50m or 1:5,000 fig.5



093F043
NAD 83, Zone 10
1:5,000



170 ppb Au

130 ppb Au

1155

1320 ppb Au

200 ppb Au

21.4 g/t Au, 2.1 g/t Au

12,060.9

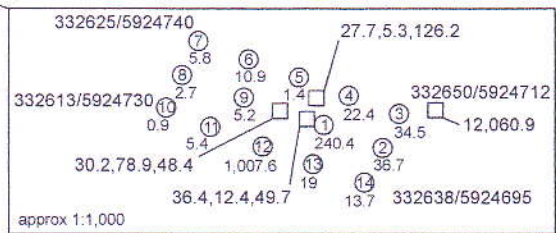
3.8

150 ppb Au

70.4, 16.4, 119.1

30.2, 78.9, 48.4, 36.4, 27.7, 5.3
126.2, 12.4, 49.7, 3.8

240.4, 36.7, 34.5, 22.4, 1.4, 10.95.8
2.7, 5.2, 0.9, 5.4, 1,007.6, 19, 13.7



H 332443/5924343

Bull Epithermal Gold Map

- = historic soil of significance
- = historic rock of significance
- = 2015 soil sample
- = 2015 rock sample
- H = helicopter pad
- * note all values in ppb *

0m 50m 100m 150m 200m 250m
Scale: 1cm = 50m or 1:5,000 fig.6

<u>Sample</u>	<u>Property</u>	<u>UTM E</u>	<u>UTM N</u>	<u>Type</u>	<u>Description</u>	<u>weight</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>As</u>	<u>Au</u>	<u>Sb</u>	<u>Au ppm</u>	<u>Au g/t</u>
BED-01	Bull	332849	5924683	Soil	variably limonitic talus fines/soil		249.3	610	1.8	305.9	70.4	2		
BED-02	Bull	332851	5924670	Soil	variably limonitic talus fines/soil		156.2	429	1.1	68	16.4	1.4		
BED-03	Bull	332854	5924666	Soil	variably limonitic talus fines/soil		79.1	338	1.1	54.2	119.1	1.2		
KBUD-01	Bull	332643	5924715	Soil	variably limonitic talus fines/soil		3122.8	3208	19.3	699.7	240.4	7.4		
KBUD-02	Bull	332642	5924705	Soil	variably limonitic talus fines/soil		367.9	654	5	243.7	36.7	3.8		
KBUD-03	Bull	332650	5924712	Soil	variably limonitic talus fines/soil		78.4	272	0.9	74.6	34.5	1.1		
KBUD-04	Bull	332644	5924718	Soil	variably limonitic talus fines/soil		281.8	96	6.3	1088.9	22.4	18.8		
KBUD-05	Bull	332637	5924735	Soil	variably limonitic talus fines/soil		22.6	217	0.5	57.1	1.4	0.7		
KBUD-06	Bull	332628	5924733	Soil	variably limonitic talus fines/soil		22.1	105	0.3	35.6	10.9	0.5		
KBUD-07	Bull	332625	5924740	Soil	variably limonitic talus fines/soil		51.2	214	0.9	93.4	5.8	1.7		
KBUD-08	Bull	332620	5924735	Soil	variably limonitic talus fines/soil		15.8	142	0.4	32.7	2.7	0.9		
KBUD-09	Bull	332625	5924729	Soil	variably limonitic talus fines/soil		23.5	275	0.9	38.9	5.2	0.8		
KBUD-10	Bull	332613	5924730	Soil	variably limonitic talus fines/soil		14.9	419	0.6	29.1	0.9	0.7		
KBUD-11	Bull	332616	5924723	Soil	variably limonitic talus fines/soil		28.3	346	0.5	37.5	5.4	0.7		
KBUD-12	Bull	332624	5924713	Soil	variably limonitic talus fines/soil		326.4	723	3.7	147.6	1007.6	3.3		
KBUD-13	Bull	332627	5924708	Soil	variably limonitic talus fines/soil		738.7	901	5	304.4	19	5.7		
KBUD-14	Bull	332638	5924695	Soil	variably limonitic talus fines/soil		545.8	663	3.6	189.3	13.7	3.4		
BBUR-01	Bull	332630	5924725	Rock	grab Qz-py-brx with lim and 1% py	0.42	177.7	7	2.6	78.5	30.2	5.9		
BBUR-02	Bull	332630	5924725	Rock	as above, silicic, 5% py	0.17	460.3	71	35.8	512.8	78.9	19.1		
BBUR-03	Bull	332630	5924725	Rock	2.0m chip across above	0.82	141.7	27	4.5	96.6	48.4	8.2		
BBUR-04	Bull	332637	5924718	Rock	0.3m x 0.3m panel silic and sulphidic rock	0.56	84.5	58	3.4	172.9	36.4	3.3		
BBUR-05	Bull	332637	5924718	Rock	as above	0.62	85.2	42	2.4	98.8	27.7	5.1		
BBUR-06	Bull	332637	5924718	Rock	as above	0.62	44.2	27	1.2	62.4	5.3	3.5		
BBUR-07	Bull	332648	5924734	Rock	rep grab qz-py-galena vein 10 cm wide	0.39	1878.1	30	55.5	132.6	126.2	34		
BBUR-08	Bull	332658	5924711	Rock	as per -04	0.54	3749.2	218	71.3	708.2	12060.9	71.8	>10.000	14.6
BBUR-09	Bull	332640	5924714	Rock	as per -04	0.58	13.1	73	0.8	14.8	12.4	0.8		
BBUR-10	Bull	332638	5924705	Rock	vuggy qz-lim vein with tr py	0.32	28	6	2.2	85	49.7	11		
JBUR-01	bull	332587	5924686	Rock	as per -04	0.5	27.9	62	0.6	48.8	3.8	1		

Statement of Costs

Truck Travel (round trip to Burns Lake from Whitehorse) 505.5km x 0.75/km	\$379.13
Westland Helicopters (1.6 hours x \$1,250/hr divided between 2 properties)	\$1,000.00
Acme Analytical (17 soils, 11 rocks)	\$724.00
Report Writing, Mailing and Duplication	\$2,360.00
Wages Kyle Eide (0.5 field days and 0.5 travel day x \$250/day) May 10-11, 2015	\$250.00
Wages Jarret Kreft (0.5 field days and 0.5 travel day x \$250/day) May 10-11, 2015	\$250.00
Wages Bernie Kreft (0.5 field days and 0.5 travel day x \$500/day May 10-11, 2015	\$500.00
Food, Field Supplies, Hotel (3 x 1 day x \$150/day)	\$450.00
Sample Shipping Greyhound	\$36.75
Sub Total	\$5,949.88
5% Management Fee	\$297.49
Total	\$6,247.37

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.

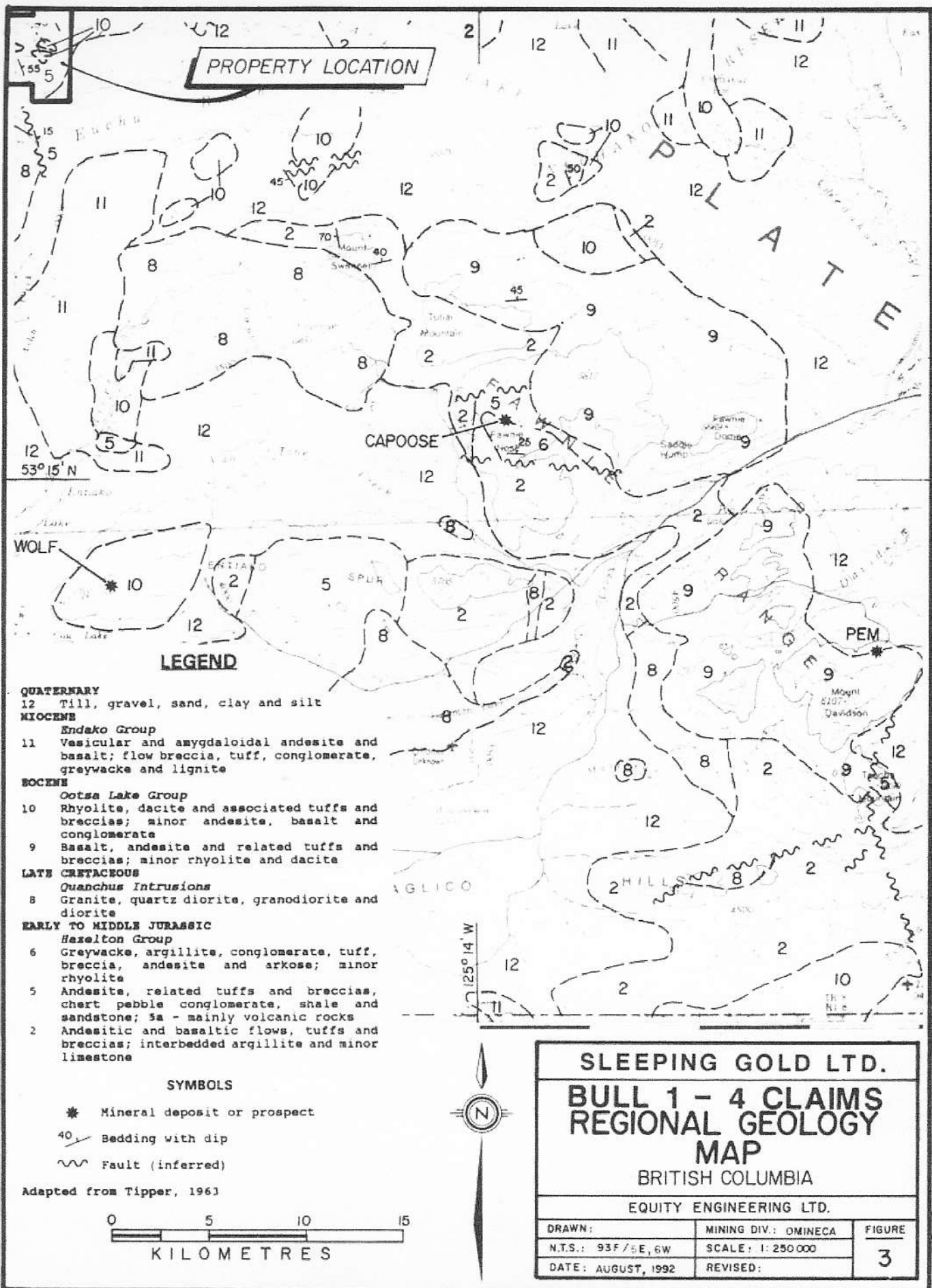
This report is based on fieldwork completed on May 10th and 11th of the 2015 field season.

This report is based on fieldwork completed on the Bull Epithermal Project

Respectfully Submitted,



Bernie Kreft





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Canada

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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 8

CERTIFICATE OF ANALYSIS

VAN15001058.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 183

SAMPLE DISPOSAL

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

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

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

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	183	Dry at 60C			VAN
SS80	183	Dry at 60C sieve 100g to -80 mesh			VAN
AQ201	183	1:1:1 Aqua Regia digestion ICP-MS analysis	15	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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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: 2 of 8

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN15001058.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	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	1	

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BED-01	Soil	4.4	68.0	249.3	610	1.8	16.5	44.6	4759	7.91	305.9	70.4	1.3	60	2.4	2.0	0.2	92	0.58	0.129	12
BED-02	Soil	3.6	37.7	156.2	429	1.1	16.5	39.2	4081	6.72	68.0	16.4	1.2	50	1.7	1.4	0.1	103	0.61	0.110	11
BED-03	Soil	3.4	49.3	79.1	338	1.1	21.8	53.3	3550	6.97	54.2	119.1	1.1	38	1.6	1.2	0.1	109	0.51	0.112	16

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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: 2 of 8

Part: 2 of 2

CERTIFICATE OF ANALYSIS

VAN15001058.1

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	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
MDL	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

BED-01	Soil	13	1.01	108	0.091	2	3.47	0.013	0.18	0.2	0.09	5.4	0.6	0.08	10	0.6	<0.2
BED-02	Soil	16	1.12	159	0.112	3	3.23	0.010	0.09	0.1	0.07	5.7	0.3	0.07	10	<0.5	<0.2
BED-03	Soil	21	1.03	104	0.112	3	3.15	0.012	0.09	0.1	0.06	7.0	0.3	0.09	9	0.5	<0.2



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Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN15001058.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
MDL		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	1	
KBUD-01	Soil	3.3	58.8	3122.8	3208	19.3	14.7	34.0	6551	6.77	699.7	240.4	0.9	37	9.7	7.4	0.7	70	0.67	0.093	12	
KBUD-02	Soil	3.7	65.2	367.9	654	5.0	15.2	44.4	7380	5.98	243.7	36.7	0.7	42	3.2	3.8	0.3	74	0.83	0.132	25	
KBUD-03	Soil	3.0	36.8	78.4	272	0.9	17.7	21.9	2892	5.40	74.6	34.5	2.0	28	0.9	1.1	0.1	80	0.67	0.051	20	
KBUD-04	Soil	4.5	14.6	281.8	96	6.3	4.3	7.3	777	8.82	1088.9	22.4	0.5	13	0.4	18.8	0.1	48	0.14	0.077	3	
KBUD-05	Soil	2.0	26.9	22.6	217	0.5	21.4	21.0	1664	4.42	57.1	1.4	2.0	32	0.6	0.7	0.1	86	0.67	0.059	14	
KBUD-06	Soil	1.4	29.5	22.1	105	0.3	23.6	18.4	1196	3.94	35.6	10.9	2.0	41	0.2	0.5	0.1	87	0.52	0.065	11	
KBUD-07	Soil	7.9	54.4	51.2	214	0.9	19.7	65.9	4485	5.52	93.4	5.8	1.3	39	0.8	1.7	0.2	102	0.62	0.119	28	
KBUD-08	Soil	2.1	40.0	15.8	142	0.4	19.0	30.2	1442	4.21	32.7	2.7	1.5	36	0.4	0.9	0.1	89	0.75	0.074	18	
KBUD-09	Soil	1.8	41.9	23.5	275	0.9	23.6	29.0	3167	4.15	38.9	5.2	1.3	44	1.2	0.8	0.1	84	0.63	0.095	20	
KBUD-10	Soil	1.9	27.9	14.9	419	0.6	15.0	22.3	1857	4.03	29.1	0.9	0.9	34	1.5	0.7	0.1	82	0.96	0.079	13	
KBUD-11	Soil	1.0	31.1	28.3	346	0.5	20.9	19.3	1785	4.13	37.5	5.4	1.5	44	1.2	0.7	0.1	87	0.62	0.083	17	
KBUD-12	Soil	2.8	48.1	326.4	723	3.7	21.7	35.5	3791	6.36	147.6	1007.6	0.7	58	3.3	3.3	0.3	72	0.87	0.173	18	
KBUD-13	Soil	4.6	59.5	738.7	901	5.0	12.1	42.1	5361	10.32	304.4	19.0	0.5	42	4.8	5.7	0.1	72	0.72	0.164	10	
KBUD-14	Soil	4.0	68.9	545.8	663	3.6	15.1	47.5	6995	6.24	189.3	13.7	0.6	55	3.8	3.4	0.2	77	1.15	0.146	26	



CERTIFICATE OF ANALYSIS

VAN15001058.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
MDL		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
KBUD-01	Soil	15	1.02	76	0.063	3	2.97	0.010	0.17	0.1	0.12	7.0	0.4	0.08	8	0.6	<0.2
KBUD-02	Soil	16	0.95	104	0.042	3	2.83	0.009	0.15	<0.1	0.12	7.4	0.4	0.13	8	0.6	<0.2
KBUD-03	Soil	25	0.88	130	0.103	2	2.92	0.011	0.12	<0.1	0.05	8.0	0.3	<0.05	8	<0.5	<0.2
KBUD-04	Soil	11	0.17	251	0.025	2	0.87	0.009	0.28	0.1	0.11	1.7	1.7	0.49	5	1.8	<0.2
KBUD-05	Soil	30	0.66	132	0.145	2	2.79	0.015	0.11	<0.1	0.04	6.5	0.2	0.06	8	<0.5	<0.2
KBUD-06	Soil	31	0.70	152	0.132	1	3.11	0.010	0.07	<0.1	0.04	5.2	0.1	<0.05	9	<0.5	<0.2
KBUD-07	Soil	24	0.57	157	0.049	2	3.09	0.009	0.12	<0.1	0.07	9.3	0.4	0.07	10	<0.5	<0.2
KBUD-08	Soil	29	0.58	96	0.123	2	2.46	0.016	0.11	<0.1	0.03	7.8	0.2	0.08	8	<0.5	<0.2
KBUD-09	Soil	33	0.61	121	0.123	1	2.99	0.012	0.10	<0.1	0.05	7.6	0.2	0.10	7	<0.5	<0.2
KBUD-10	Soil	22	0.62	95	0.098	4	2.04	0.015	0.13	<0.1	0.05	5.4	0.1	0.08	7	<0.5	<0.2
KBUD-11	Soil	34	0.56	133	0.142	3	2.51	0.013	0.16	<0.1	0.03	7.4	0.1	0.09	7	<0.5	<0.2
KBUD-12	Soil	23	0.65	121	0.079	2	2.74	0.018	0.14	<0.1	0.06	6.1	0.4	0.23	7	0.8	<0.2
KBUD-13	Soil	9	0.76	137	0.050	3	2.40	0.012	0.18	0.1	0.07	6.1	0.5	0.21	8	0.8	<0.2
KBUD-14	Soil	17	0.75	101	0.044	3	2.73	0.011	0.13	0.1	0.10	6.2	0.3	0.11	8	0.5	<0.2



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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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

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

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:



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
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Project: None Given
Report Date: May 29, 2015

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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	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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JBER-01	Rock	0.50	0.8	14.1	27.9	62	0.6	3.3	8.9	1916	3.93	48.8	3.8	0.7	93	0.3	1.0	0.1	65	2.21	0.080
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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.



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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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JBER-01	Rock	3	4	1.78	27	0.035	2	5.68	0.672	0.37	0.2	<0.01	5.2	0.3	1.89	12	0.7	<0.2	
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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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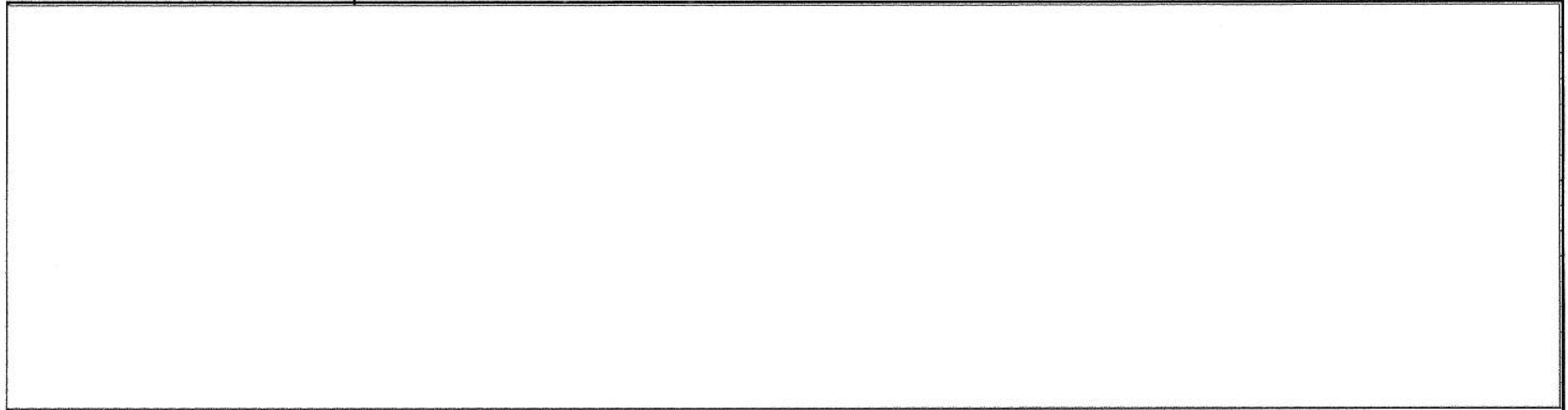
BBUR-01	Rock	0.42	1.0	5.1	177.7	7	2.6	1.0	0.6	44	1.70	78.5	30.2	<0.1	4	<0.1	5.9	<0.1	3	0.02	0.004
BBUR-02	Rock	0.17	0.8	9.7	460.3	71	35.8	1.6	2.9	140	2.40	512.8	78.9	<0.1	3	0.2	19.1	<0.1	4	0.01	0.003
BBUR-03	Rock	0.82	1.9	4.6	141.7	27	4.5	0.8	0.7	56	2.35	96.6	48.4	<0.1	6	<0.1	8.2	<0.1	5	0.02	0.008
BBUR-04	Rock	0.56	0.6	9.6	84.5	58	3.4	0.8	0.5	198	2.54	172.9	36.4	<0.1	7	0.1	3.3	<0.1	10	0.02	0.012
BBUR-05	Rock	0.62	1.5	2.1	85.2	42	2.4	0.7	0.3	70	1.76	98.8	27.7	<0.1	4	0.1	5.1	<0.1	4	<0.01	0.005
BBUR-06	Rock	0.62	0.8	15.9	44.2	27	1.2	2.2	8.5	927	2.84	62.4	5.3	0.3	18	0.2	3.5	<0.1	30	0.18	0.041
BBUR-07	Rock	0.39	0.7	6.6	1878.1	30	55.5	0.7	0.2	48	2.45	132.6	126.2	<0.1	6	<0.1	34.0	<0.1	<2	<0.01	0.041
BBUR-08	Rock	0.54	14.0	95.3	3749.2	218	71.3	0.6	0.5	122	3.11	708.2	12060.9	<0.1	13	0.6	71.8	<0.1	2	0.20	0.015
BBUR-09	Rock	0.58	0.9	28.8	13.1	73	0.8	5.2	16.8	2657	5.25	14.8	12.4	0.5	15	<0.1	0.8	<0.1	129	0.40	0.067
BBUR-10	Rock	0.32	0.9	2.6	28.0	6	2.2	0.7	0.3	57	4.47	85.0	49.7	<0.1	8	<0.1	11.0	<0.1	5	0.18	0.009



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



BBUR-01	Rock	<1	3	0.01	34	0.001	1	0.12	0.004	0.12	<0.1	0.02	0.5	0.2	0.82	<1	0.9	<0.2	
BBUR-02	Rock	<1	4	<0.01	34	0.002	2	0.16	0.004	0.15	<0.1	0.03	0.5	0.2	1.68	<1	2.1	<0.2	
BBUR-03	Rock	<1	2	<0.01	38	0.004	1	0.15	0.005	0.16	<0.1	0.01	0.6	0.2	0.32	<1	1.0	<0.2	
BBUR-04	Rock	2	3	0.03	81	0.018	2	0.28	0.008	0.21	0.2	<0.01	0.9	0.2	0.42	1	<0.5	<0.2	
BBUR-05	Rock	<1	2	<0.01	70	0.002	1	0.13	0.006	0.15	<0.1	0.02	0.4	0.3	0.24	<1	0.9	<0.2	
BBUR-06	Rock	3	2	0.33	87	0.045	2	0.95	0.025	0.31	0.4	0.01	3.0	0.3	0.24	3	<0.5	<0.2	
BBUR-07	Rock	<1	2	<0.01	52	<0.001	<1	0.07	0.007	0.10	<0.1	0.14	0.3	0.7	0.33	<1	2.0	<0.2	
BBUR-08	Rock	<1	2	<0.01	15	0.002	<1	0.08	0.009	0.09	0.5	0.07	0.5	0.4	1.35	<1	10.8	<0.2	>10 14.8
BBUR-09	Rock	4	4	1.24	22	0.114	1	2.57	0.095	0.24	0.3	<0.01	8.9	0.2	0.69	11	<0.5	<0.2	
BBUR-10	Rock	<1	2	0.01	53	0.001	1	0.14	0.015	0.21	<0.1	0.02	0.6	0.4	1.01	<1	2.7	<0.2	