



Geological Assessment Report

For The

Oly Lakes Mineral Property
[Nug 1-6 Claims]
NTS 105-0-2

For
Eagle Plains Resources [EPL:ASE]
And
Miner River Resources [MRG:ASE]
Joint-Venture

By
Bernie Kreft
October 16, 1997

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 3000.00.

M. B. B.
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

TABLE OF CONTENTS

Summary And Conclusions1
Introduction1
Geology1
Mineralization2
Recommendations3
Certification3
Rock Sample Descriptions4
Expense Summary6
Property Location Map7
Geology And Sample Location Map8
Geochemical Results9

SUMMARY AND CONCLUSIONS

Exploration work completed on the Nug 1-6 quartz claims consisted of rock sampling. The purpose of the work was to sample in detail a previously known gold-bearing vein swarm, with a view towards assessing its bulk-tonnage gold potential.

Vein and fracture filling quartz-sulphide [arsenopyrite dominant] mineralization is common within a 150m x 400m zone [Fort Zone] covering the south-central portion of a biotite monzonite stock and its associated hornfels zone. Sixteen representative grab samples of mineralized veins returned an average grade of 1100 ppb Au. Chip sampling of weakly mineralized and fractured wall-rock returned mostly sub-anomalous values. A new zone [Knox Zone] was located N.W. of the Fort zone. The Knox Zone is an area of un-mineralized to weakly mineralized quartz-stockwork cutting biotite monzonite. Samples returned up to 1555 ppb Au.

Work to date has demonstrated the varied and widespread nature of gold mineralization associated with the Nug Stock. Further work is warranted, and necessary, to fully evaluate the claims.

INTRODUCTION

The Nug 1-6 claims lie in the Hess Mountains, on the north side of Oly Lakes, in the Macmillan Pass area of southeastern Yukon Territory. Elevations on the property range between 1100 and 1850 metres, with topography ranging from moderate to steep.

Access is best achieved by helicopter. Oly Lakes is large enough to handle all types of float equipped aircraft. The North Canal Road [summer use only] passes within 20 kilometres of the S.E. edge of the property.

The showing was originally staked as the Nuke claims by Canamax Resources in 1983. During 1983 and 1984 Canamax mapped and sampled the claims; unfortunately gold values for this work are not documented. The showing was re-staked as Nug 1-6 claims in March 1996 by Bernie Kreft for the Eagle Plains [EPL:ASE] and Miner River [MRG:ASE] joint-venture.

GEOLOGY

The claims overlie a series of Devonian aged shale, conglomerate, chert and argillite. Intrusive to this sedimentary package is a small Cretaceous aged granitic stock and several quartz feldspar porphyry dykes. The intrusion has caused the development of an extensive hornfels zone and numerous gossans in the adjacent sediments. Alteration of the stock is limited to the development of sericite along vein margins and un-mineralized fractures. Several of the QFP dykes along the south-west margin of the stock are weakly to moderately clay and sericite altered.

MINERALIZATION

Anomalous gold values have two distinct modes of occurrence: [1] within quartz-sulphide [arsenopyrite dominant] veins [2] within un-mineralized to weakly mineralized quartz-stockwork.

Quartz-sulphide veins are common within the 150m x 400m Fort Zone which is centered over the stock and its adjacent hornfels zone. Maximum vein width is 30cm, with most averaging 8cm. Veins tend to pinch and swell, as well as vary in their sulphide content along strike. Vein density is hard to gauge due to the rubbly nature of outcrop, but where measured, it varies from a maximum of 1 per metre to an average of 1 every 4 metres. Veins average 1100 ppb Au, while the vast majority of wall-rock samples were barren. Listed below are the top 6 vein-hosted gold values:

Vein Geochemistry

	Au [ppb]	Ag [ppm]	As [%]	Bi [ppm]	Pb [ppm]	Sb [ppm]	Cu [ppm]
CDN97R-5	2423	57.9	18.0	339	1258	522	3237
BKNUK-11	2313	73.5	7.4	1099	795	387	119
JDN97-8	1880	4.9	31.0	419	267	233	50
BKNUK-1	1702	3.8	6.2	17	197	71	145
JDN97-2	1686	28.5	1.8	422	10101	4000	227
CDN97R-8	1060	92.0	5.6	10	20000	18000	1313

The Knox Zone is a rubble and talus covered 30m x 50m area with anomalous gold values hosted by quartz stockworked monzonite. Due to the lack of outcrop in this area, and the early stage of exploration, maximum dimensions of the zone as well as controls on mineralization are unknown. Mineralization includes traces of disseminated, vein and fracture controlled arsenopyrite and chalcopyrite. Alteration is limited to weakly developed sericite along the margins of veins and fractures, along with occasional weak silicification and trace tourmaline. Quartz veins average 5mm wide, with an average density of 5 per metre. The average of 15 representative samples is 372 ppb Au. Listed below are the top 6 gold values from the Knox Zone.

Stockwork Geochemistry

	Au [ppb]	Ag [ppm]	As [ppm]	Bi [ppm]	Pb [ppm]	Sb [ppm]	Cu [ppm]
BKNUK-33	1555	1.0	263	57	91	<	129
BKNUK-35	1524	0.2	11	<	29	<	47
BKNUK-6	1340	6.2	1254	130	85	11	125
BKNUK-37	351	0.7	80	<	22	<	128
BKNUK-38	248	0.2	38	<	21	<	60
BKNUK-8	121	1.7	182	24	82	33	115

RECOMMENDATIONS

Further work is recommended for the claim group. This work should consist of claim-staking (18 units), contour soil/talus sampling (250 samples), detailed rock sampling of the Knox Zone (60 samples) and prospecting of any areas of intrusive stock and dykes not already covered. A budget of \$19,000 is proposed.

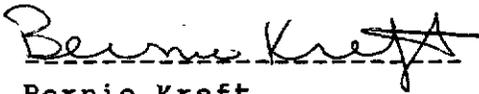
CERTIFICATION

I, Bernie Kreft, of 1409 Fir Street, Whitehorse, Yukon Territory, was present and witnessed the exploration work described herein.

I have twelve years experience prospecting in the Yukon.

This report is based on fieldwork conducted or witnessed by myself.

Respectfully submitted,


Bernie Kreft

ROCK SAMPLE DESCRIPTIONS

- BKNUK-01 > Rep grab of 8.0cm qtz As vein
- BKNUK-02 > 1.0m chip across wallrock to above
- BKNUK-03 > 0.3m chip across anastomosing qtz vein trace sulphide
- BKNUK-04 > 1.3m chip across siltstone cut by two 2cm qtz As veins
- BKNUK-05 > 1.3m chip across fractured siltstone trace diss Po
- BKNUK-06 > 0.5m chip across granite cut by three 0.5cm qtz veins
min. with trace arseno
- BKNUK-07 > as above, un-mineralized
- BKNUK-08 > grab granite cut by a qtz filled fracture with trace
As in fracture
- BKNUK-09 > 0.3m chip across granite several fractures with Cu/As
- BKNUK-10 > grab barren granite from site of -09
- BKNUK-11 > grab 3.0cm qtz As vein
- BKNUK-12 > granite adjacent to a fracture has been silicified and
flooded with chalco and As, gossan zone in stock
- BKNUK-13 > 0.3m chip granite cut by three 5mm wide barren qtz
veins
- BKNUK-14 > grab 20cm pc granite with 2 rusty fractures
- BKNUK-15 > grab 10cm wide vuggy Q.V. with 0.5% Py, 0.5% As
- BKNUK-16 > 1.0m chip adjacent to above
- BKNUK-17 > 1.5m chip across 3 As filled fractures in granite
- BKNUK-18 > 1.5m chip as above
- BKNUK-19 > 1.0m chip hfls siltstone cut by weak qtz stockwork
weak scorodite staining
- BKNUK-20 > 1.0m chip as above with trace galena?
- BKNUK-30 > grab 15cm pc granite cut by one 5mm Q.V. and one rusty
fracture; trace diss pyrite
- BKNUK-31 > grab 10cm pc granite cut by one 3mm rusty Q.V.
- BKNUK-32 > as above
- BKNUK-33 > grab 10cm pc granite cut by four 2mm Q.V. trace chalco
along a fracture
- BKNUK-34 > grab 15cm pc granite with 3 rusty fractures
- BKNUK-35 > grab 15cm pc granite cut by three 2mm Q.V. trace
sulphide along Q.V., possibly arseno
- BKNUK-36 > as above with increased biotite content
- BKNUK-37 > 0.7m chip granite cut by four 4mm Q.V. trace chalco in
one of the Q.V.
- BKNUK-38 > grab 15cm pc granite cut by a 1cm wide Q.V. with trace
tourmaline
- BKNUK-39 > as above, no tourmaline
- BKNUK-40 > 0.6m chip granite cut by 4 rusty fractures
- BKNUK-41 > grab 15cm pc granite cut by one 1cm wide Q.V. trace As
along a fracture
- CDN97R-01 > granite with several rusty fractures
- CDN97R-02 > granite with clay veining
- CDN97R-03 > grab 8.0cm wide qtz Py/As vein cutting granite
- CDN97R-04 > 1.2m chip granite cut by three 1cm Q.V. trace As
- CDN97R-05 > grab 10cm Q.V. with 5% As
- CDN97R-06 > grab wallrock to above, silicified granite with 5%
diss. Py/As; moderate biotite hfls

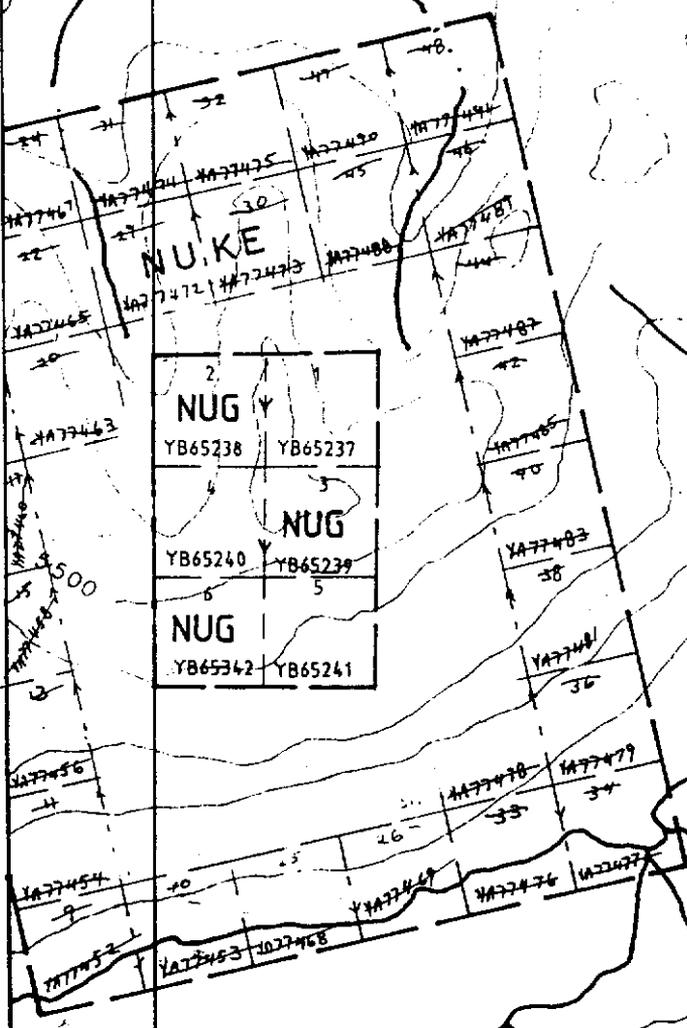
CDN97R-07 > grab 10cm wide Qtz As vein in granite
 CDN97R-08 > as above
 CDN97R-09 > 0.3m chip granite cut by three 1.5cm Qtz As veins
 CDN97R-10 > 1.2m chip granite cut by six 1cm Qtz As veins
 adjacent to above
 CDN97R-11 > 0.25m chip granite silicified with manganese stained
 fractures adjacent to above
 CDN97R-12 > 1.6m chip as per -10 adjacent to above
 CDN97R-13 > 0.15m chip Qtz As vein adjacent to above
 CDN97R-14 > grab fault gouge zone in siltstone
 CDN97R-15 > grab 0.25m wide Qtz As vein float
 CDN97R-16 > grab rusty weathering siltstone with 0.5% Py diss
 JDN97-01 > grab anastomosing Qtz vein weak sericite in granite
 JDN97-02 > grab 7.0cm Qtz As vein cutting granite
 JDN97-03 > 0.8m chip granite cut by three 5mm wide As veins
 JDN97-04 > rep grab of two 2mm As veins cutting 15cm pc granite
 JDN97-05 > 10cm wide grab of 5mm wide Qtz As vein in granite
 JDN97-06 > grab 12cm Qtz As vein cutting granite
 JDN97-07 > grab 2cm wide Qtz As vein in granite
 JDN97-08 > grab 7cm Qtz As vein in granite
 JDN97-09 > grab 4cm Qtz As vein in granite
 JDN97-10 > grab 20cm wide Qtz As vein talus
 JDN97-11 > 0.5m chip across Qtz stockwork in siltstone scorodite
 JDN97-12 > as above abundant As
 JDN97-13 > grab pyritic fault breccia in siltstone
 JDN97-14 > grab bleached fault breccia and gouge in siltstone
 JDN97-15 > 2.0m chip across four 1cm Qtz As veins in siltstone

EXPENSE SUMMARY

Wages [Bernie Kreft 2.0 days @ \$375.00/day]	=	\$750.00
Wages [John Dickie 2.0 days @ \$375.00/day]	=	\$750.00
Wages [Chuck Downey 2.0 days @ \$375.00/day]	=	\$750.00
Assays [63 samples @ \$22.47/sample]	=	\$1415.61
Helicopter	=	<u>\$743.34</u>
	Total	= \$4408.95

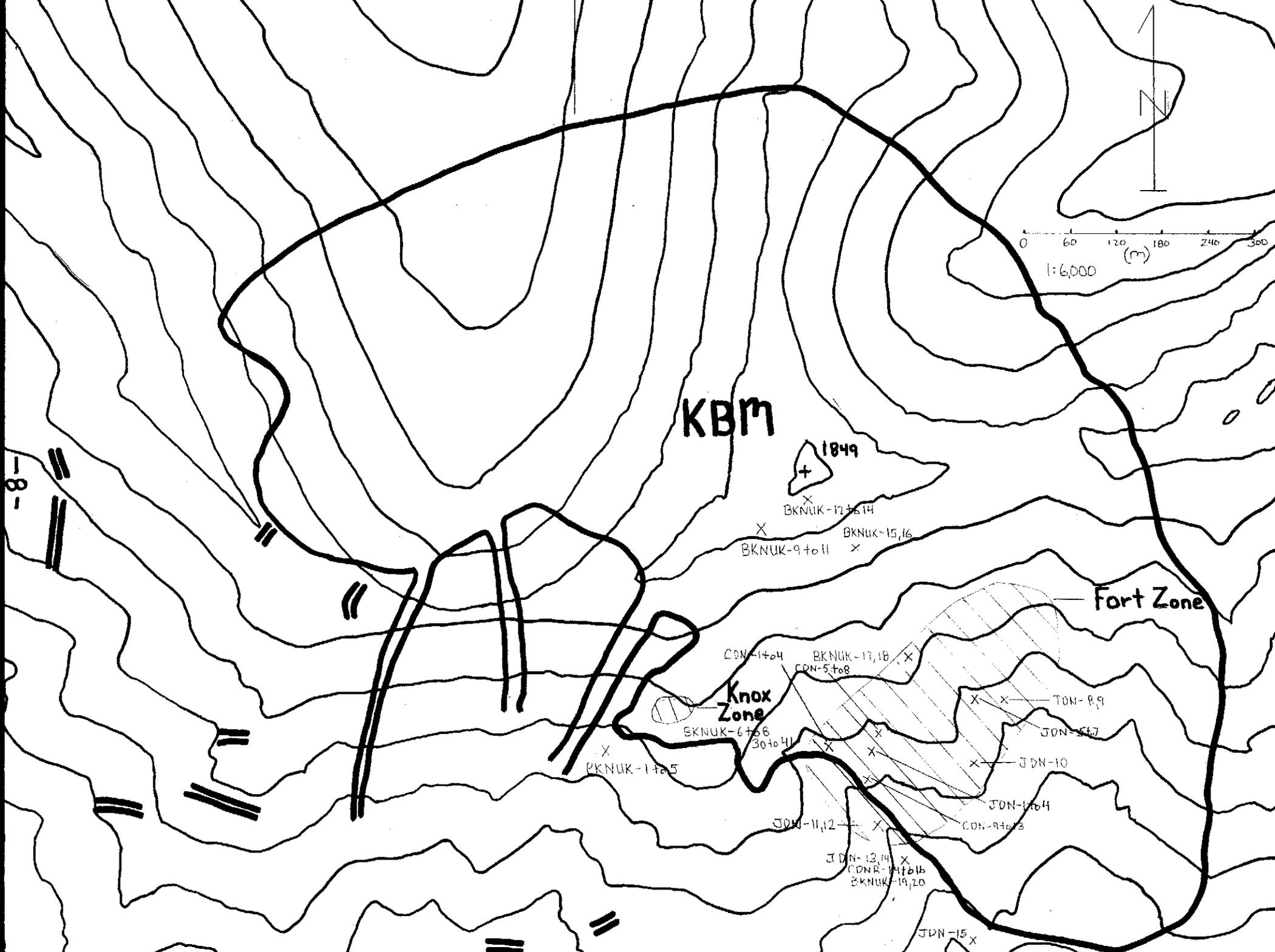
I would like to apply \$3,000.00 worth of the above listed expenses towards renewal of the Nug 1-6 quartz claims.

4000

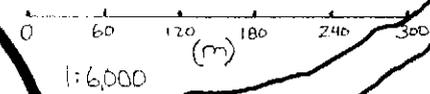


63° 00'

131° 00'



KBM



Fort Zone

Knox Zone

CDN-1 to 4

BKNUK-17, 18

CDN-5 to 8

BKNUK-6 to 8

30 to 40

BKNUK-1 to 5

JDN-8, 9

JDN-5 to 7

JDN-10

JDN-1 to 4

CDN-9 to 2

JDN-11, 12

JDN-13, 14

CDN-1 to 4

BKNUK-19, 20

JDN-15

8

8

8

8

24/09/97

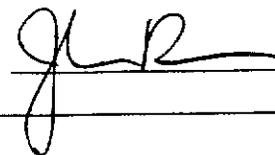
Assay Certificate

Page 1

Bernie Kreft

WO# 07925

Certified by



Sample #	Au ppb
BKNUK-30	42
BKNUK-31	11
BKNUK-32	25
BKNUK-33	1555
BKNUK-34	50
BKNUK-35	1524
BKNUK-36	92
BKNUK-37	351
BKNUK-38	248
BKNUK-39	76
BKNUK-40	15
BKNUK-41	28



11/08/97

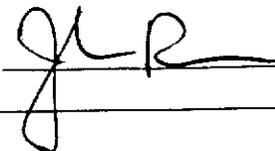
Assay Certificate

Page 2

Bernie Kreft

WO# 07872

Certified by



Sample #	Au ppb
BKALP - 11	101
BKALP - 12	19
BKALP - 13	20
BKALP - 14	13
BKALP - 15	34
BKALP - 16	48
BKALP - 17	27
BKALP - 18	19
BKALP - 19	14
BKALP - 20	12
BKALP - 21	7
BKALP - 22	<5
BKALP - 23	20
BKALP - 24	35
BKALP - 25	<5
BKNUK - 1	1702
BKNUK - 2	19
BKNUK - 3	22
BKNUK - 4	173
BKNUK - 5	19
BKNUK - 6	1340
BKNUK - 7	108
BKNUK - 8	121
BKNUK - 9	<5
BKNUK - 10	13
BKNUK - 11	2313
BKNUK - 12	1690
BKNUK - 13	14
BKNUK - 14	55
BKNUK - 15	549



11/08/97

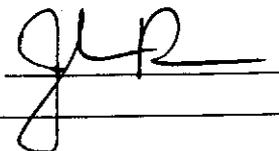
Assay Certificate

Page 3

Bernie Kreft

WO# 07872

Certified by



Sample #	Au ppb
BKNUK - 16	18
BKNUK - 17	51
BKNUK - 18	51
BKNUK - 19	32
BKNUK - 20	19
^D CON97R - 1	82
CON97R - 2	20
CON97R - 3	206
CON97R - 4	27
CON97R - 5	2423
CON97R - 6	283
CON97R - 7	695
CON97R - 8	1060
CON97R - 9	331
CON97R - 10	98
CON97R - 11	55
CON97R - 12	23
CON97R - 13	647
CON97R - 14	107
CON97R - 15	608
CON97R - 16	39
JDN97 - 1	43
JDN97 - 2	1686
JDN97 - 3	153
JDN97 - 4	148
JDN97 - 5	125
JDN97 - 6	599
JDN97 - 7	97
JDN97 - 8	1880
JDN97 - 9	659



11/08/97

Assay Certificate

Page 4

Bernie Kreft

WO# 07872

Certified by



Sample #	Au ppb
JDN97 - 10	823
JDN97 - 11	391
JDN97 - 12	844
JDN97 - 13	69
JDN97 - 14	65
JDN97 - 15	70

Note: For "ALPC-" series, suffixes "A" & "B" designate separate splits of same sample.





CERTIFICATE OF ANALYSIS

iPL 97H0759

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: WO# 7872

86 Samples
86=Pulp

[075916:58:37:79081897]

Out: Aug 18, 1997 Page 3 of 3
In : Aug 11, 1997 Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	B1 ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
JDN97 - 8 P	4.9	50	267	9	31%	233	4	5	<	419	<	42	3	<	<	40	12	66	<	38	3	<	0.01	0.29	0.52	24%	0.10	0.14	0.01	<
JDN97 - 9 P	24.0	462	7081	59	11%	0.4%	<	1	<	783	3.6	15	7	<	<	96	39	117	5	51	2	5	0.05	1.41	0.40	8.05	0.65	0.35	0.07	0.01
JDN97 - 10 P	66.0	4594	2.1%	2365	5.0%	1.0%	5	1	<	<	0.1m	3	4	<	<	113	2	177	2	8	1	<	<	0.10	0.07	6.42	0.02	0.01	0.01	0.01
JDN97 - 11 P	2.0	261	291	27	3.8%	211	<	16	<	46	0.8	5	8	28	<	118	85	20	4	4	7	2	<	0.23	0.06	3.50	0.05	0.11	0.02	0.09
JDN97 - 12 P	37.5	1601	1092	672	14%	510	<	7	<	379	38.0	4	21	<	<	103	91	45	<	8	12	2	<	0.29	0.11	10%	0.27	0.11	0.01	0.07
JDN97 - 13 P	4.3	59	147	14	3958	153	<	3	<	<	0.5	1	5	69	<	110	16	16	2	3	1	<	<	0.10	0.02	1.12	0.01	0.06	0.02	0.02
JDN97 - 14 P	10.9	194	138	63	3230	83	<	8	<	59	<	1	4	149	49	67	78	61	2	6	4	1	0.01	0.15	0.15	5.54	0.01	0.06	0.01	0.09
JDN97 - 15 P	3.6	346	32	63	7165	71	<	15	<	<	<	4	33	118	<	169	252	49	7	50	3	3	<	0.37	1.11	4.77	0.03	0.17	0.02	0.89

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
 Max Reported* 99.9 20000 20000 20000 9999 999 9999 999 999 9999 99.9 9999 9999 9999 999 9999 9999 9999 9999 9999 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00
 Method ICP ICP
 —No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % P=Pulp

