0119-47260

Geochemical and Prospecting Report on the ERNI 1-80 Claims Dawson Mining District

094 047

by

J. Peter Ross, Prospector

NTS: 115 N/15
Latitude: 63° 58' N
Longitude: 140° 55' W
Dates Worked: June 8, 10-22, July 13, 1999

Dated: November 1999

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 $ 8000.00.

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

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Chapter One: SUMMARY and RECOMMENDATIONS

1.1 Summary

The ERNI 1-80 claims were staked and recorded by Paulo Oulette of Dawson City Yukon in June 1999. The claims were then transferred to J. Peter Ross of Whitehorse, Yukon.

The Bedrock Creek (ERNI claim group) area, map sheet 115 N/15, was chosen because;

1. Placer gold occurs in this area.
2. Regional geochemical survey, silt samples no. 1031/32 are on Bedrock Creek and on the ERNI 19 claim (approximate). Sample 1031: Cu 38 ppm, Zn 240 ppm, Pb 10 ppm, Ba 1590 ppm, Au 59 ppb, Hg 70 ppm, As 10 ppm. Sample 1032: Au 18 ppb.
3. A magnetic anomaly similar to one on the UNI and CICI claim groups on 116 C/2 is present. The UNI and CICI claim groups have been under option to Madrona Mining Ltd. of Calgary for 3 years now. Madrona spent $120,000 on an airborne geophysical survey and a limited soil sampling program.
4. One can drive to the site on a rough mining road.
5. The target was thought to be a Cu Mo Au porphyry similar to CASINO or TAURUS, 15 miles to the southwest in Alaska, USA, or a gold rich VMS similar to ESKAY CREEK in British Columbia.

In 1999 J. Peter Ross and Hans Algottson of Dawson City prospected and took float /bedrock, silt, pan concentrate and soil samples. Kennecott Canada Exploration Inc. paid for 11 silt samples, 11 rock samples and 22 soil samples. J. Peter Ross paid for 4 silt samples, 19 rock samples and 12 pan concentrates. Dates worked were J. Peter Ross - June 8, 10-22 and July 13, 1999. Hans Algottson - June 10-22, 1999.

One float sample B26 ran 2,835 ppb Au, 1.1 ppm Ag, 5.8% As, 17 ppm Sb, Hg not detected, Bi not detected, and W not detected.

Of fifteen silt samples for Au -80 +200, Au -80 +250 mesh; two were 25 - 50 ppb Au, two were 51 - 99 ppb Au and three were >100 ppb Au.

Of fifteen silt samples for Au -200, Au -250 mesh; none were 25 - 50 ppb Au, four were 51 - 99 ppb Au, and six were >100 ppb Au.

Of fourteen pan concentrate samples; none were 25 - 49 ppb Au, one was 50 - 99 ppb Au and three were >1000 ppb Au.

Of twenty-two soil samples; four were interesting.

	Au ppb	Sb ppm	As ppm	Bi ppm	Pb ppm	Te ppm	W ppm
T5	34	0.3	18.6	0.14	8	<0.05	0.25
T8	2	2.7	78.8	1.24	74	0.15	0.2
T10	19	1.7	44.6	.018	10	<0.05	0.25
S10	125	0.2	10.8	0.14	14	<0.05	0.95

These results are encouraging! The gold deposit type is not known.

1.2 Recommendations

All eighty claims will be kept. One year of assessment work was done and filed in 1999. Hopefully these claims can be optioned, if not more soil lines at a tighter spacing (150 feet by 300 feet) should be done.

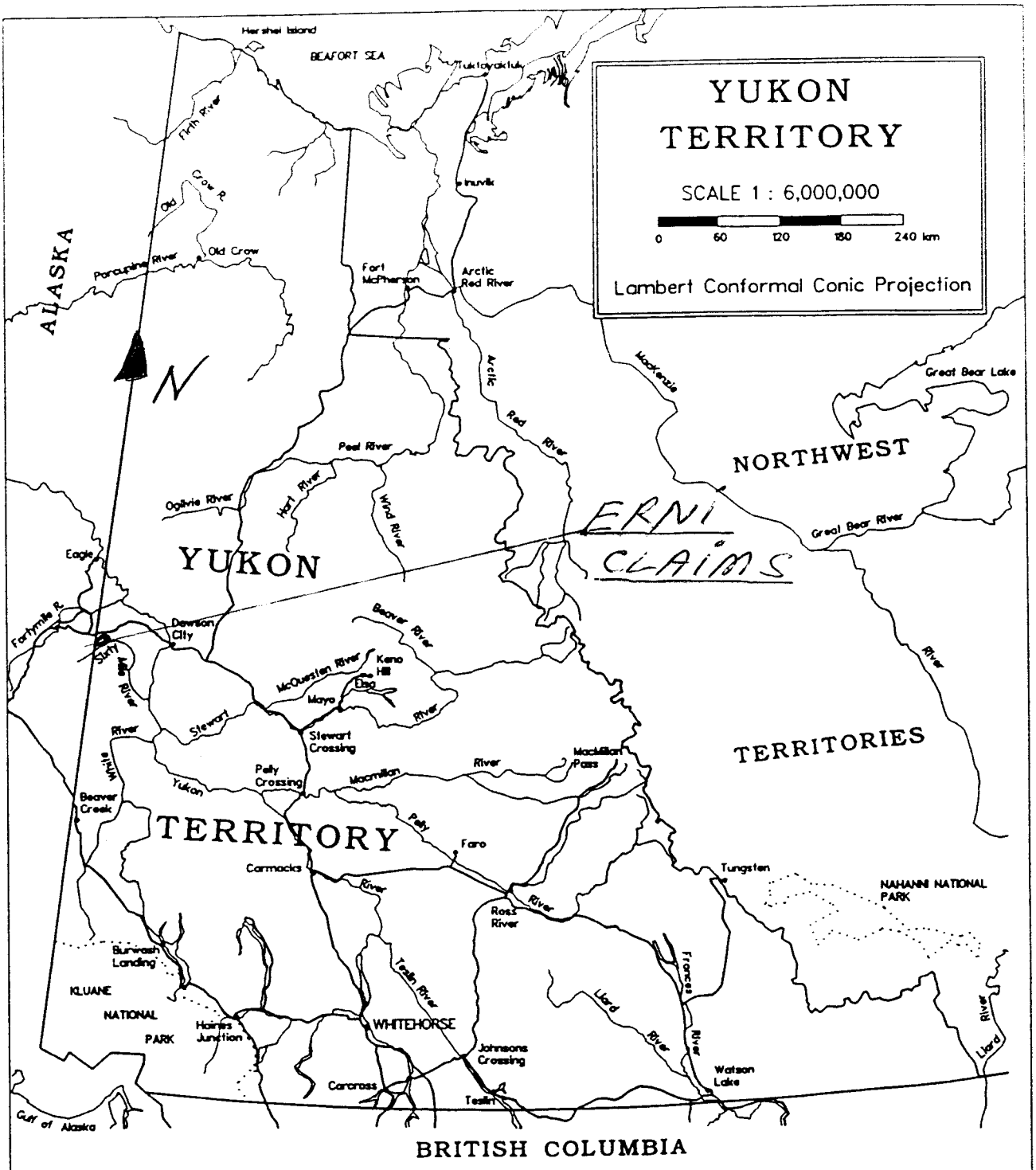


FIGURE #1

LOCATION MAP

ERNI 1-80(1999)

141° 00

55

64° 00

12 MAY 99

115N-15i

Bedrock

ERNI(I-80)

3000

Bedrock Hill

4000

N

Pat Murphy Creek

Mile

River

Mosquito

FIGURE #2
CLAIM LOCATION MAP
DAWSON CITY MIN. DIST.
NTS 115 N 15
DATE 26 NOV 1999
DRAWN by JP Ross
SCALE 1:31,680

141°00'

55'

50'

40'

64°00'

4269G "Sixtymile"

55'

ALASKA

YUKON TERRITORY

BEDROCK HILL

Sixty Mile River

57,500

3000

2500

3500

57,700

57,600

57, 580

57,600

3500

2500

57,800

58,000

58,400

58,200

3500

57,900

57,700

4500

500

N

FIGURE #3

CLAIMS / MAGNETIC DATA

GEOPHYSICS PAPER 4268

NTS 115 N 15

DATE 20 NOV 1999

DRAWN by JP ROSS

SCALE 1:50,000

ERNI CLAIMS (1-80)

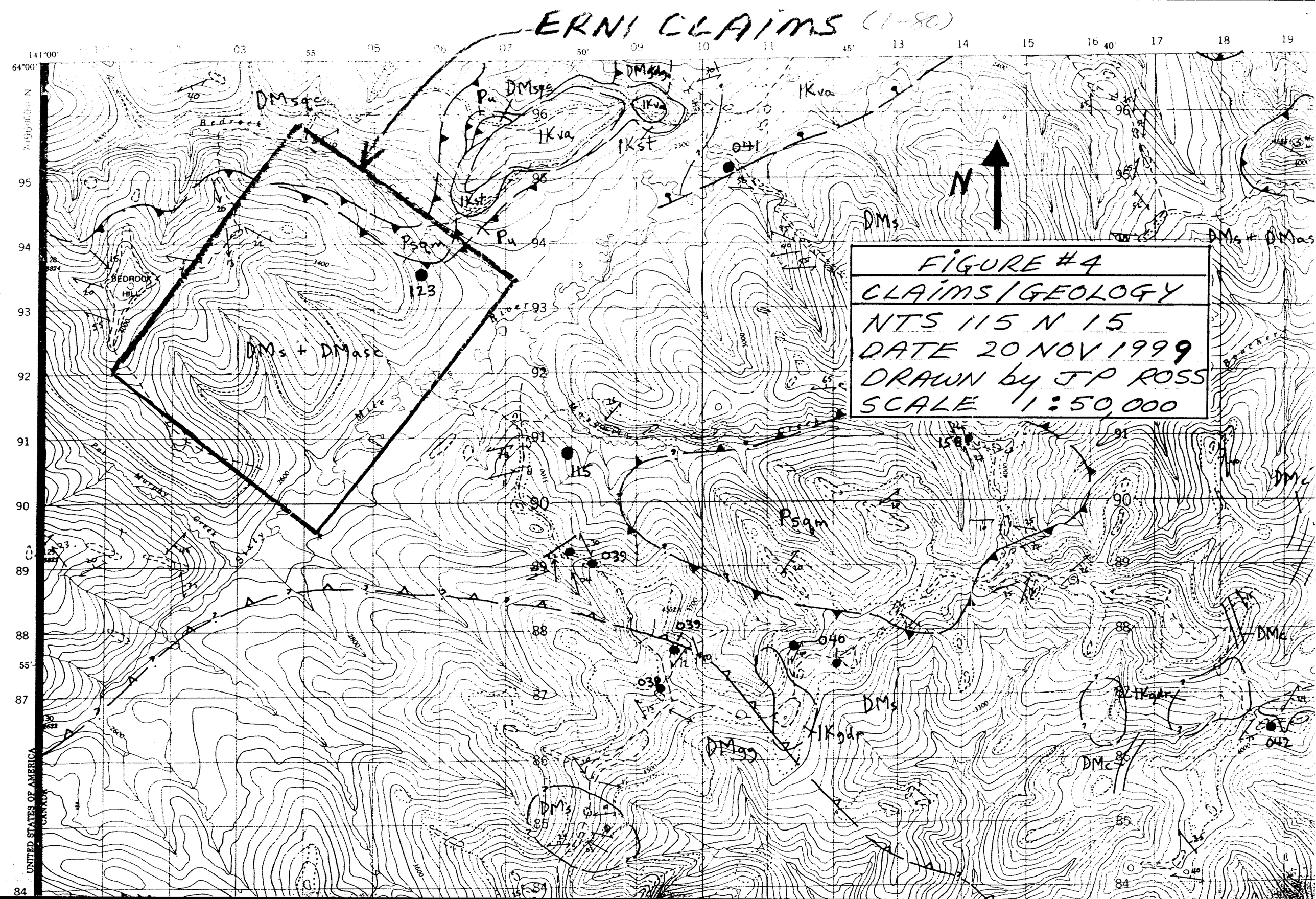


FIGURE #4

CLAIMS/GEOLOGY

NTS 115 N 15

DATE 20 NOV 1999

DRAWN by JP ROSS

SCALE 1:50,000

GEOLOGICAL LEGEND

NASINA Assemblage

Late (?) Devonian to Early Mississippian

DMasc medium to dark weathering chlorite (+- biotite) schist, amphobolite and garnet amphibolite

DMsqc graphitic Nasina Assemblage undifferentiated (mainly pale to dark gray weathering, fine grained quartzite, quartz-muscovite (+-chlorite) schist, locally garnetiferous)

DMs medium to coarse grained mica schist, commonly garnetiferous, amphibolite, minor quartzite

Meta Plutonic Rocks

Middle to Late Permian

DMgg Moderately to strongly foliated K-feldspar augen-bearing quartz monzonite to granite gneiss (S. Fifty Mile Batholith, Mt. Burnham orthogneiss)

Klondike Schist Assemblage

Late Devonian to Early Mississippian

Psqm rusty weathering quartz-muscovite schist

▲—▲—▲—▲?—▲ thrust contact (defined, approximate,assumed)

△—△—△—△?—△ low-angle normal (?) fault (defined, approximate,assumed)

• 123 Minfile Occurrence

Summary of Work - Bedrock Creek Area		
GEOLOGICAL LEGEND from Open File 1996-1(G)		
J.P. Ross		
SCALE:	FILE: legend	DATE: 98.12.29
NTS: 105 C	DRAWN:	FIGURE 4a

12 MAY 99

141° 00'

64° 00'

55'

115N-15i

Bedrock

Bedrock Hill

3000

4000

Pat Murphy Creek

Mosquito Cr

SIXTY

KEY

ZORO

MOLY

ERNI

FPNI

MARY

VANCE

QUARTZ

DORO

Mile

River

SIXTY

MOS

ROAD

FIGURE #5

FLOAT SAMPLE LOCATION

DAWSON MINING DIST.

NTS 115N 15

● FLOAT SAMPLE

DATE 26 NOV 1999

DRAWN by JP ROSS

SCALE 1:31,680

12 MAY 99

141° 00 55' 64° 00

115N-15i

Bedrock

Bedrock Hill

Murphy Creek

Mosquito

Mile

River

SIXTY

KEY

ZORO

MOLY

ERNI

FPNI

MARY

VANCE

QUARTZ

DORO

MOS

ROAD

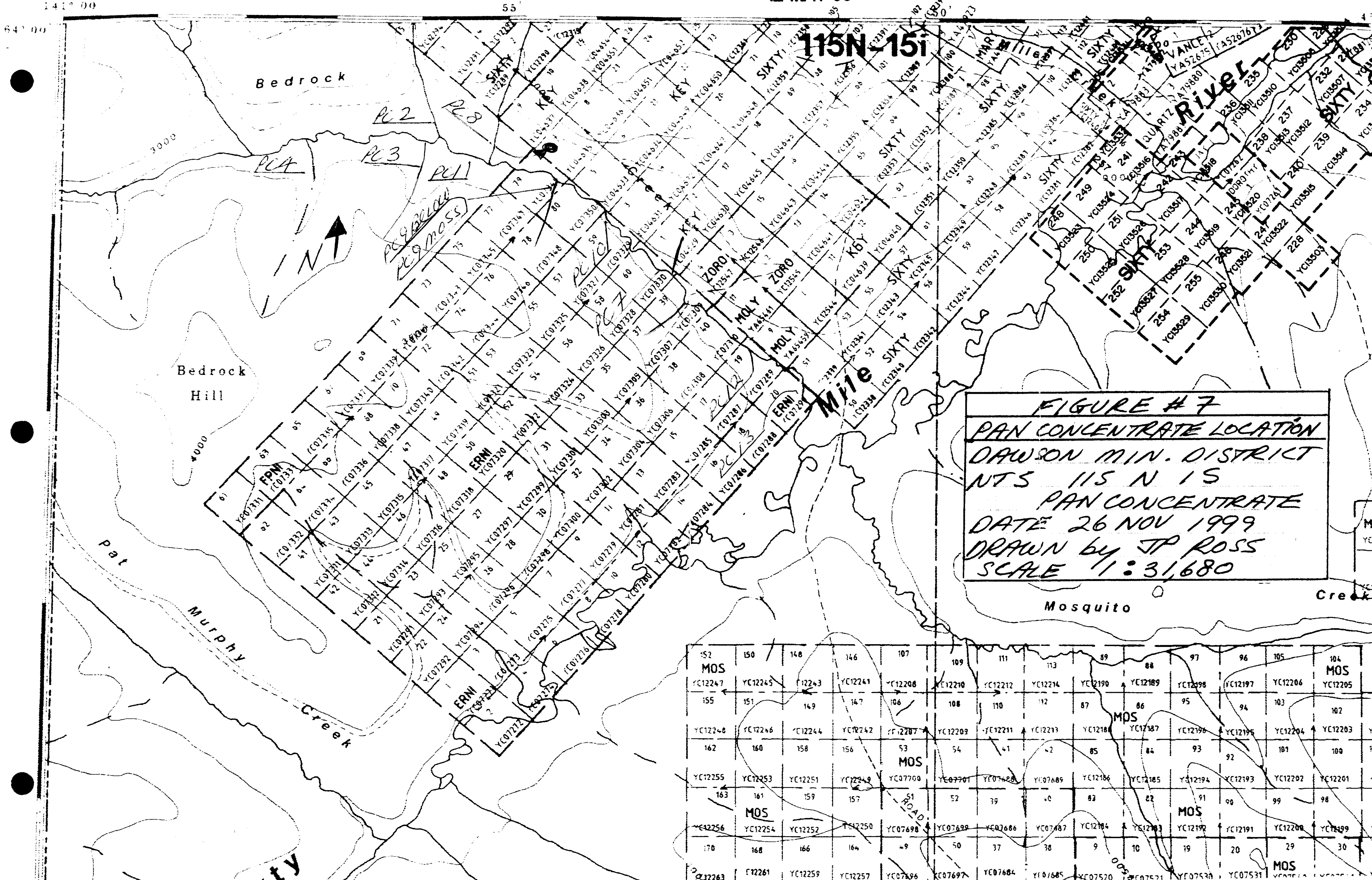
ST2 ST3 ST4 ST5 ST6 ST7 ST8 ST9 ST10 ST11 ST12 ST13 ST14

FIGURE #6

SILT SAMPLE LOCATION

DAWSON MINING DISTRICT
NTS 115N 15
SILT SAMPLE
DATE 26 NOV 1999
DRAWN by JP ROSS
SCALE 1:31,680

12 MAY 99



115N-15i
FIGURE #7
PAN CONCENTRATE LOCATION
DAWSON MIN. DISTRICT
NTS 115 N 15
PAN CONCENTRATE
DATE 26 NOV 1999
DRAWN by JP ROSS
SCALE 1:31,680
Bedrock
Bedrock Hill
Pat Murphy Creek
Mosquito Creek
Sixty Mile River
N
ROAD

Murphy

Creek

ERNI

YC07331 YC07333 YC07335 YC07337 YC07339 YC07341 YC07343 YC07345 YC07347 YC07349

61 63 65 67 69 71 73 75 77 79

62 64 66 68 70 72 74 76 78 80

YC07332 YC07334 YC07336 YC07338 YC07340 YC07342 YC07344 YC07346 YC07348 YC07350

41 43 45 47 49 51 53 55 57 59

YC07311 YC07313 YC07315 YC07317 YC07319 YC07321 YC07323 YC07325 YC07327 YC07329

42 44 46 48 50 52 54 56 58 60

ERNI

YC07312 YC07314 YC07316 YC07318 YC07320 YC07322 YC07324 YC07326 YC07328 YC07330

21 23 25 27 29 31 33 35 37 39

YC07291 YC07293 YC07295 YC07297 YC07299 YC07301 YC07303 YC07305 YC07307 YC07309

22 24 26 28 30 32 34 36 38 40

YC07300 YC07302 YC07304 YC07306 YC07308 YC07310

1 9 11 13 15 17 19

YC07279 YC07281 YC07283 YC07285 YC07287 YC07289

10 12 14 16 18 20

ERNI

YC07272 YC07274 YC07276 YC07278 YC07280 YC07282 YC07284 YC07286 YC07288 YC07290

FIGURE #8
SOIL SAMPLE LOCATION
DAWSON MINING DISTRICT
NTS 115 N 15
• SOIL SAMPLE
DATE 26 NOV 1999
DRAWN by JP ROSS
SCALE 1:15,840

Chapter Two: INTRODUCTION

2.1 Introductory Statement

From June 10 - 22, 1999, J. Peter Ross and Hans Algottson prospected and took float, silt, pan concentrate and soil samples on the claims. June 8 and July 13 were travel days for J. Peter Ross.

Thirty (30) float rock samples were taken and tested by fire assay Au (30g). Nineteen (19) of these were tested by 30 element ICP and eleven (11) by 36 element ICP (low detection levels).

Fifteen (15) silt samples were taken and tested. Nine (9) for Au (30g) fire assay Au (-80 mesh +250 mesh) (-250 mesh) and 36 element ICP (low detection levels). Four (4) were tested for Au fire assay (30g) (-80 +200 mesh) (-200 mesh) and 30 element ICP. The silt samples consisted of 2 soil bags of -14 mesh material from active stream areas.

Twelve (12) pan concentrates were taken and tested for Au fire assay (30g) and 30 element ICP. A 20 liter plastic pail was filled and then the material was passed through an 8 mesh screen into a pan and panned down to about 100g which was pulverized and tested.

Twenty-two (22) soil samples were taken from 2 claim lines at 200 yard intervals and tested for Au (30g) fire assay and 36 element ICP (low detection levels).

Float sample locations were marked by orange ribbon; silt and pan concentrate sample locations by yellow, blue and orange ribbon; and soil sample locations by orange and blue ribbon.

2.2 Location and Access

The ERNI 1-80 claims are located 75 miles (121 km) west of Dawson City in the Dawson Mining District, N.T.S. 115 N/15, latitude 63° 58' N, longitude 140° 55' W. Access to the claims was by truck on a 2-wheel drive highway (Top of the World Highway) and then by rough mining roads to the claims. The last 1-2 miles were very bad, here 4-wheel drive must be used.

2.3 History

Geology in the claims area is Late Devonian to Early Mississippian.

DM_S and DM_{asc}	Medium to coarse grained mica schist, commonly garnetiferous, amphibolite, minor quartzite. Medium to dark weathering chlorite (± biotite) schist, amphibolite and garnet amphibolite.
DM_{sqc}	Graphitic Nasina Assemblage undifferentiated (mainly pale to dark gray weathering, fine grained quartzite, quartz-muscovite (± chlorite) schist, locally garnetiferous).
P_{sqm}	Rusty weathering quartz-muscovite schist.

Two thrust faults are present-inferred and join up in the western area of the claims.

An interesting magnetic anomaly is present. A flat center with a magnetic aureole?

Placer mining has taken place and about ±10,000 ounces was produced. The MOLY claims that were staked in the past and present for hard rock exploration seem to have little data plus a few rumours. Hans Algottson said old placer mines where the MOLY claims were staked were very rich. An area of two placer claims - just below the thrust fault??

Other areas nearby where explored for hard rock. See Minfile Lerner - 115N 039, The - 115N 115, and Bedrock - 115N 123.

Chapter Three: PROPERTY DESCRIPTION

Claim Name	Grant No.	Grouping	Date Staked	Date Recorded	Expiry Date
ERNI 1	YC07271	not issued	98.06.16	98.06.24	2000.06.24
ERNI 2	YC07272	not issued	98.06.16	98.06.24	2000.06.24
ERNI 3	YC07273	not issued	98.06.16	98.06.24	2000.06.24
ERNI 4	YC07274	not issued	98.06.16	98.06.24	2000.06.24
ERNI 5	YC07275	not issued	98.06.16	98.06.24	2000.06.24
ERNI 6	YC07276	not issued	98.06.16	98.06.24	2000.06.24
ERNI 7	YC07277	not issued	98.06.17	98.06.24	2000.06.24
ERNI 8	YC07278	not issued	98.06.17	98.06.24	2000.06.24
ERNI 9	YC07279	not issued	98.06.17	98.06.24	2000.06.24
ERNI 10	YC07280	not issued	98.06.17	98.06.24	2000.06.24
ERNI 11	YC07281	not issued	98.06.17	98.06.24	2000.06.24
ERNI 12	YC07282	not issued	98.06.17	98.06.24	2000.06.24
ERNI 13	YC07283	not issued	98.06.17	98.06.24	2000.06.24
ERNI 14	YC07284	not issued	98.06.17	98.06.24	2000.06.24
ERNI 15	YC07285	not issued	98.06.17	98.06.24	2000.06.24
ERNI 16	YC07286	not issued	98.06.17	98.06.24	2000.06.24
ERNI 17	YC07287	not issued	98.06.17	98.06.24	2000.06.24
ERNI 18	YC07288	not issued	98.06.17	98.06.24	2000.06.24
ERNI 19	YC07289	not issued	98.06.23	98.06.24	2000.06.24
ERNI 20	YC07290	not issued	98.06.23	98.06.24	2000.06.24
ERNI 21	YC07291	not issued	98.06.10	98.06.24	2000.06.24
ERNI 22	YC07292	not issued	98.06.10	98.06.24	2000.06.24
ERNI 23	YC07293	not issued	98.06.10	98.06.24	2000.06.24
ERNI 24	YC07294	not issued	98.06.10	98.06.24	2000.06.24
ERNI 25	YC07295	not issued	98.06.10	98.06.24	2000.06.24
ERNI 26	YC07296	not issued	98.06.10	98.06.24	2000.06.24
ERNI 27	YC07297	not issued	98.06.10	98.06.24	2000.06.24
ERNI 28	YC07298	not issued	98.06.10	98.06.24	2000.06.24
ERNI 29	YC07299	not issued	98.06.10	98.06.24	2000.06.24
ERNI 30	YC07300	not issued	98.06.10	98.06.24	2000.06.24
ERNI 31	YC07301	not issued	98.06.11	98.06.24	2000.06.24
ERNI 32	YC07302	not issued	98.06.11	98.06.24	2000.06.24
ERNI 33	YC07303	not issued	98.06.11	98.06.24	2000.06.24
ERNI 34	YC07304	not issued	98.06.11	98.06.24	2000.06.24
ERNI 35	YC07305	not issued	98.06.11	98.06.24	2000.06.24
ERNI 36	YC07306	not issued	98.06.11	98.06.24	2000.06.24
ERNI 37	YC07307	not issued	98.06.11	98.06.24	2000.06.24
ERNI 38	YC07308	not issued	98.06.11	98.06.24	2000.06.24
ERNI 39	YC07309	not issued	98.06.11	98.06.24	2000.06.24
ERNI 40	YC07310	not issued	98.06.11	98.06.24	2000.06.24
ERNI 41	YC07311	not issued	98.06.20	98.06.24	2000.06.24
ERNI 42	YC07312	not issued	98.06.20	98.06.24	2000.06.24
ERNI 43	YC07313	not issued	98.06.20	98.06.24	2000.06.24
ERNI 44	YC07314	not issued	98.06.23*	98.06.24	2000.06.24
ERNI 45	YC07315	not issued	98.06.20	98.06.24	2000.06.24
ERNI 46	YC07316	not issued	98.06.20	98.06.24	2000.06.24
ERNI 47	YC07317	not issued	98.06.20	98.06.24	2000.06.24
ERNI 48	YC07318	not issued	98.06.20	98.06.24	2000.06.24
ERNI 49	YC07319	not issued	98.06.20	98.06.24	2000.06.24
ERNI 50	YC07320	not issued	98.06.20	98.06.24	2000.06.24

* This date was noted in error when recording the claim. It should be 98.06.20.

Chapter Three: PROPERTY DESCRIPTION

Claim Name	Grant No.	Grouping	Date Staked	Date Recorded	Expiry Date
ERNI 51	YC07321	not issued	98.06.20	98.06.24	2000.06.24
ERNI 52	YC07322	not issued	98.06.20	98.06.24	2000.06.24
ERNI 53	YC07323	not issued	98.06.20	98.06.24	2000.06.24
ERNI 54	YC07324	not issued	98.06.20	98.06.24	2000.06.24
ERNI 55	YC07325	not issued	98.06.20	98.06.24	2000.06.24
ERNI 56	YC07326	not issued	98.06.20	98.06.24	2000.06.24
ERNI 57	YC07327	not issued	98.06.20	98.06.24	2000.06.24
ERNI 58	YC07328	not issued	98.06.20	98.06.24	2000.06.24
ERNI 59	YC07329	not issued	98.06.20	98.06.24	2000.06.24
ERNI 60	YC07330	not issued	98.06.20	98.06.24	2000.06.24
ERNI 61	YC07331	not issued	98.06.18	98.06.24	2000.06.24
ERNI 62	YC07332	not issued	98.06.18	98.06.24	2000.06.24
ERNI 63	YC07333	not issued	98.06.18	98.06.24	2000.06.24
ERNI 64	YC07334	not issued	98.06.18	98.06.24	2000.06.24
ERNI 65	YC07335	not issued	98.06.19	98.06.24	2000.06.24
ERNI 66	YC07336	not issued	98.06.19	98.06.24	2000.06.24
ERNI 67	YC07337	not issued	98.06.19	98.06.24	2000.06.24
ERNI 68	YC07338	not issued	98.06.19	98.06.24	2000.06.24
ERNI 69	YC07339	not issued	98.06.19	98.06.24	2000.06.24
ERNI 70	YC07340	not issued	98.06.19	98.06.24	2000.06.24
ERNI 71	YC07341	not issued	98.06.19	98.06.24	2000.06.24
ERNI 72	YC07342	not issued	98.06.19	98.06.24	2000.06.24
ERNI 73	YC07343	not issued	98.06.19	98.06.24	2000.06.24
ERNI 74	YC07344	not issued	98.06.19	98.06.24	2000.06.24
ERNI 75	YC07345	not issued	98.06.19	98.06.24	2000.06.24
ERNI 76	YC07346	not issued	98.06.19	98.06.24	2000.06.24
ERNI 77	YC07347	not issued	98.06.19	98.06.24	2000.06.24
ERNI 78	YC07348	not issued	98.06.19	98.06.24	2000.06.24
ERNI 79	YC07349	not issued	98.06.19	98.06.24	2000.06.24
ERNI 80	YC07350	not issued	98.06.19	98.06.24	2000.06.24

Chapter Four: GEOCHEMICAL SURVEY and PROSPECTING

4.1 Rock Geochemistry

The best rock sample was BC26.

Au - 2835 ppb
Ag - 1.1 ppm
As - 5.8%
Sb - 17 ppm
Hg - none detected
Bi - none detected
Ba - none detected
W - none detected

4.2 Silt Geochemistry

Most silt samples were significant.

	-80 +200 -80 +250	-200 -250							
	Au ppb	Au ppb	Sb ppm	As ppm	Bi ppm	Pb ppm	Hg ppm	Te ppm	W ppm
ST1	67	447	--	68	--	17	--	Not assayed	--
ST2	45	133	--	14	--	18	--	Not assayed	--
ST3	40	180	1.1	13.5	--	4	--	--	--
ST4	54	110	0.8	20	--	2	--	--	--
ST5	23	91	1.1	34	--	2	--	--	--
ST7	14	55	0.4	11	--	2	--	--	--
ST8	312	80	--	93	--	17	--	Not assayed	--
ST10	101	75	--	29	--	20	--	Not assayed	--
ST12	130	115	1.4	45	--	100	--	--	--
ST13	10	145	0.7	24	--	<2	--	--	--

Samples ST4, ST5, and ST12 had elevated levels of Mn.

4.3 Pan Concentrate Geochemistry

Most pan concentrate samples were significant.

	Au ppb	Ag ppm	Sb ppm	As ppm	Bi ppm	Pb ppm	Hg ppm	Te ppm	W ppm
PC1	3,300	1.5	--	167	--	43	--	Not assayed	44
PC5	131	0.2	--	38	--	17	--	Not assayed	--
PC2	--	0.2	--	70	--	19	--	Not assayed	12
PC9 below	>7,000 (0.29 oz/T)	--	--	28	--	10	--	Not assayed	--
PC9 moss	5	0.4	--	48	--	15	--	Not assayed	96
PC10	1,590	2.9	--	48	--	19	--	Not assayed	18
PC12	123	0.1	--	64	--	143	--	Not assayed	--
PC13	58	0.4	--	38	--	27	--	Not assayed	--

4.4 Soil Geochemistry

Four (4) soil samples were significant.

	Au ppb	Ag ppm	Sb ppm	As ppm	Bi ppm	Pb ppm	Hg ppm	Te ppm	W ppm
T5	34	0.14	0.3	6.6	0.14	8	--	<0.05	0.25
T8	2	0.06	2.7	78.8	1.24	74	--	0.15	0.2
T10	19	0.22	1.7	44.6	0.18	10	--	<0.05	0.25
S10	125	0.10	0.2	10.0	0.14	14	--	<0.05	0.95

4.5 Interpretation

To the north Kennecott Canada Exploration Inc. and Madrona Mining Ltd. explored for gold on my UNI - CICI - CREEK claim groups. Madrona has explored for 4 years and Kennecott has completed a 1 year joint venture with Madrona and is trying to get another company to take it's place in the joint venture.

Both areas have similar magnetic anomalies from government geophysical surveys and have seen extensive placer mining. Records and rumours suggest that Bedrock creek produced more than 10,000 ounces of placer gold. Norman Blanchard says, when he was a bulldozer operator in the 60's and 70's, the gold recovered on Bedrock Creek was mostly coarse but also a lot of fines were present.

The total gold production for the Sixty Mile area is >600,000 ounces of gold recorded and >553,000 ounces for the larger Forty Mile district in Alaska. Bedrock Creek has some fine gold whereas Miller and Glacier creeks seem to be mostly coarse gold??

One **Rock sample** was anomalous. BC 26 ran 2835 ppb Au, 1.1 ppm Ag, 5.8% As and 17 ppm Sb. It was found close to where a thrust fault crosses Bedrock Creek. According to Hans Algottson, the MOLY Claims (quartz claims) were staked by more than one placer miner to cover 2 placer claims which were very rich for placer gold. The thrust fault was not seen and it may be the source for this placer gold.

Silt samples were very encouraging. W, Bi, or Te was not found in the silt samples. Ten of fifteen silt samples had high values for -200, -250 mesh gold. Samples ST3, ST4, ST7, and ST9 drain the thrust fault.

Silt sample no.	Au -80+250 ppb	Au -250 ppb	As ppm
ST3	40	180	14
ST4	54	110	13.5
ST7	14	55	11

These samples show a Au As association.

ST2 and ST8 drain Kennecott's SIXTY claims.

Silt sample no.	Au -80+200 ppb	Au -200 ppb	As ppm	Pb ppm
ST2	45	133	14	18
ST8	312	80	93	17

Unfortunately this target area is on Kennecott's claim group. These samples show an Au As Pb association.

ST12 and ST13 drain the thrust fault area where good placer gold was mined in the past.

Silt sample no.	Au -80+200 ppb	Au -200 ppb	As ppm	Pb ppm
ST12	130	115	45	100
ST13	10	145	24	--

Here there is an Au As Pb association and as one goes down from the thrust fault. As goes from 45 ppm to 24 ppm and Pb from 100 ppm to no detection.

The **pan concentrate** samples were very encouraging.

Sample no.	Au ppb	As ppm	W ppm
PC1	3,300	167	44
PC2	--	70	12

This is probably coming from Kennecott's SIXTY claim group. The samples show a Au As W association.

A steep gulch (#6 pup sign at the site) drains the thrust. Silts here were low, but pan concentrates were very good.

Sample no.	Au ppb	Ag ppm	As ppm	W ppm
PC9 (below)	7,000 (.29 oz /T)	--	28	--
PC9 (moss)	--	0.4	48	96
PC10	1590	2.9	48	18

I saw three grains and one flake of gold in a pan (below PC9) in a steep gulch. Samples were switched by mistake at first. PC9 moss was >7,000 ppb and PC9 below was zero. This mistake was corrected. Here we see a Au As W association, PC10 is just below #6 pup. From below PC 9 to about PC 5 is an area where no cat mining has taken place. Hans Algottson saw many old timers placer pits below PC 9 up against the steep northeast facing hill.

Sample no.	Au ppb	As ppm	Pb ppm
PC12	123	64	143
PC13	58	38	27

PC12 and PC13 drain a thrust fault area where it crosses the MOLY claims (very good placer claims). Here is an Au As Pb association. Again here As and Pb decrease as one goes away from the thrust.

Soil Samples

Soil samples were taken on mostly northern slopes on claim lines at 200 yard intervals. There is a lot of permafrost, some samples were of poor quality, resembling concrete mud. In places we hammered on the shovel to get chips for samples. Even so two samples were very encouraging.

Sample no.	Au ppb	Sb ppm	As ppm	Bi ppm	Pb ppm	Te ppm
T8	2	2.7	78.8	1.24	74	0.15
T10	19	1.7	44.6	0.18	10	<0.05

Here we can see a Au Sb As Bi Pb (Te) association?? I made an error by not testing my silts and pan concentrates by the Ultratrace ICP package that was used by Kennecott. It is better here to have low detection levels for Sb, As, Bi, Ag, Te and W.

Bedrock Creek placer gold, in my opinion, comes from may sources. Kennecott's SIXTY claims and places along the thrust fault area.

By the MOLY claims (in the creek) a gold bearing rock was found; high in Au in -250 mesh silts plus arsenic and lead; high arsenic and lead in pan concentrates as well.

On the T soil line close to the thrust is a Au, Sb, As, Bi, Pb, (Te) anomaly.

At PC9 Below (#6 pup), visible gold was seen in a pan and ICP detected As and W.

Off my claim group the thrust fault is drained by ST3 and ST4, samples which were high in gold (-200 mesh) and arsenic.

Kennecott's SIXTY claims are also a source of gold.

About one half of the thrust fault (8 km if put into a straight line) is on the ERNI claims. I feel it is a good gold target - so far I have 8 or 9 nibbles for gold along it and ± As, Sb, (Bi), Pb, W, Ag, (Te) indication.

One year of work has been done and filed. Future work should include;

1. Staking more claims to the northwest of the ERNI block.
2. Soil sampling (auger drilling?) to the southwest of MOLY 9 and MOLY 11 claims and around soil samples (T8/T10, and pan concentrate sample PC9 Below) on a 150 foot x 300 foot grid. Follow-up of silts ST4 and ST3 on newly staked claims.

If interest builds in this area (Sixty Mile area in Canada and the 40 Mile area in the US); I have enough data and results to have a mining exploration company option the ERNI claims.

APPENDIX 1

References

Geophysical paper/map, 4269G, Sixty Mile, 116 C/2.

Geophysical paper/map, 4268G, Crag Mountain, 115 N/15.

GSC Open File #1364, Geochemical Survey, NTS 115 N (E ½), 115 O

TAURUS - CIM special volume #46. Porphyry deposits of the northwest Cordillera p. 451-457.

Metallogeny of Volcanic Arcs. 1998 MRDU Short Course (2 days).

Intrusion Related Au Mineralization - Alaska and Yukon. 1998 Geoscience Forum Workshop.

Open File 1996-1 (G). Geological compilation maps of north Stewart River area, Klondike and Sixty Mile districts. Maps 115 N/15,16; 115 O/13,14; 115 O 15,16. Jim Mortensen.

Personal Communication:
Craig Hart, Yukon Geology Program, Whitehorse, YT
John Kowalchuck, NuLite Resources, Vancouver, BC.
Norman Blanchard, Whitehorse, YT
Hans Algottson, prospector and placer miner, Dawson City, YT

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

NAME(S): Lerner
MINFILE #: 115N 039
MAJOR COMMODITIES: Ag,Pb
MINOR COMMODITIES: Au,Zn
TECTONIC ELEMENT: Yukon Tanana Terrane
NTS MAP SHEET: 115 N 15
LATITUDE: 63°55'29"N
LONGITUDE: 140°48'52"W
DEPOSIT TYPE: Vein
STATUS: Open pit past producer

CLAIMS (PREVIOUS AND CURRENT)

CCL, JACK, REX, LUBRA, JUDY, PRA, HAR

WORK HISTORY

Staked as CCL, Jack, etc cl (87620) in Aug/65 by J. Lerner & M. Chefkoi and optioned to A. Moisey, who enlarged the property and conducted geochem sampling and bulldozing in 1965. The claims were transferred to a new company, Sixty Mile Mg CL, which conducted additional bulldozing and EM surveys in 1966-67 and shipped about 9 tonnes of hand-cobbed ore from the No. 3 Vein in 1966. Mt Crag ML tied on Rex & Lubra cl (Y15162) to the west in Jun/67 but filed no work.

Connaught ML optioned the property early in 1968 and explored with mapping and geochem sampling, extensive bulldozer trenching and 2 holes (112.8 m) in 1968-69. J. Lerner restaked the No. 3 Vein as Judy 2 cl (Y82496) in May/74 and mined and shipped about 191 tonnes in 1974-76. In Jan/81, he restaked the Rex-Lubra as Judy cl (YA55162), transferred the property to Judy Mg Synd, and sold it to Lougheed Res Inc, which performed mapping and trenching later in the year.

The property was transferred to Bethex E Inc and optioned by Madre Mg L in 1983, and transferred to Judy Res Inc in 1984 and Cumo Res L and X-Pat Dev L in 1986. In 1988, the Judy cl were optioned to Shakwak Exp CL.

Croesus Res Inc partially restaked the property and tied on PRA & HAR cl (YA89110) in Apr/87 and performed mapping, geochem and geophysical surveys and bulldozer trenching later in the year and drilled 10 diamond drillholes (315.8 m) in 1988. The Pra & Har cl were transferred in May/89 to Walhala EL. Tombstone Exploration Ltd conducted a drilling program on the Pra cl in 1993.

GEOLOGY

North-northeast-striking, mesothermal(?) quartz-carbonate-sulphide veins cut Nasina Assemblage schists (unit DMs) and Early Mississippian granitic augen gneiss (unit DMgg) south of Mosquito Creek.

Most of the work has been performed at the northwest locality, called No. 3 Vein. Galena and arsenopyrite, with minor sphalerite, tetrahedrite and boulangerite, form lenses over 12.1 m long and 0.9 - 1.2 m thick in quartz veins up to 2.1 m thick in a complex en echelon vein system. The 1966 and 1974-76 shipments were made from a single lens and averaged about 2228.5 g/t Ag, 60% Pb and 1.03 g/t Au. The best 1969 intersection was 130.3 g/t Ag and 2.7% Pb across 0.7 m.

The southeast locality, called the No. 2 and No. 7 Veins, has received less work and is more weakly mineralized.

Glasmacher and Friedrich (1992) recognized three stages of vein formation: (1) quartz-pyrite; (2) arsenopyrite-galena (3) quartz-pyrite-sphalerite-chalcopyrite-freibergite. Precious metals were deposited during the second stage. Fluid inclusion and microprobe studies show that the veins formed from high salinity, low pH fluids at temperatures which were initially as high as 330°C.

GEOLOGY (CONTINUED)

The Tony and Pra claims cover the contact between quartzite, limestone and skarn of the Nasina Series, quartz monzonite and Pelly Gneiss intruded by Cretaceous granite.

Altered quartz monzonite on the property returned anomalous Cu and Mo values, and magnetite-quartz-carbonate and diopside skarn returned anomalous values in Bi, Au, As, Ag with Pb, Zn and Cu.

REFERENCES

GEOLOGICAL SURVEY OF CANADA, Paper 67-40, p. 29.

GEOLOGICAL SURVEY OF CANADA, Paper 68-68, p. 32-33.

GEORGE CROSS NEWSLETTER, 3 Jun/88.

GLASMACHER, U., and FRIEDRICH, G., 1992. Gold-sulphide enrichment processes in mesothermal veins of the Sixtymile River area, Yukon Territory, Canada. In: Yukon Geology Vol. 3, Exploration and Geological Services Division, DIAND, p. 292-311.

KELON RESOURCES AND CROESUS RESOURCES INC., Nov/88. Yukon Exploration Incentive Program Report #093109 by B.J. Price (EIP88-036).

LOUGHEED RESOURCES INC., Feb/81. Engineer's Report by R.T. Heard.

MINERAL INDUSTRY REPORT 1969-70, p. 32-33.

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

YUKON GEOLOGY PROGRAM AND EXPLORATION 1981, p. 224.

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

NAME(S): The
MINFILE #: 115N 115
MAJOR COMMODITIES: -
MINOR COMMODITIES: -
TECTONIC ELEMENT: Yukon Tanana Terrane
NTS MAP SHEET: 115 N 15
LATITUDE: 63°57'04"N
LONGITUDE: 140°50'17"W
DEPOSIT TYPE: Unknown
STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

THE, AIME

WORK HISTORY

Staked as The cl (Y15906) in Jun/69 by Klondike EL, which bulldozer trenched in 1969-71. The property was transferred in 1972 to E. Faucher, L. Grimard & J. Trottier, who trenched in 1973, 1976 and 1980 and enlarged the property in 1979. In Aug/84 M. Grimard restaked the claims as Aime cl (YA87694) and performed trenching in 1986 and mapping and geochem sampling in 1987.

GEOLOGY

The claims are underlain by Nasina Assemblage schist and amphibolite (units DMs and DMasc) and have been explored for gold and silver veins.

REFERENCES

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

NAME(S): Bedrock
MINFILE #: 115N 123
MAJOR COMMODITIES: Ag
MINOR COMMODITIES: Cu,Au
TECTONIC ELEMENT: Yukon Tanana Terrane
NTS MAP SHEET: 115 N 15
LATITUDE: 63°58'31"N
LONGITUDE: 140°53'15"W
DEPOSIT TYPE: Vein
STATUS: Showing

CLAIMS (PREVIOUS AND CURRENT)

MOLY, SAPPO, NEY

WORK HISTORY

Staked as Moly cl (YA65451) in May/83 by Piedmont EL and Last Frontier Ent L, which added Sappo cl (YA88192) to the SW and NE in Oct/86. L. Mollot tied on MM cl (YA88208) to the northwest in Oct/86 and performed mapping and geochemical sampling in 1987 and 1988.

The Ney cl (YB4742) were tied on north of the Sappo claims in Feb/88 and were explored by mapping, geochem sampling and trenching before being transferred to J. Bergvinson in Feb/89. The Moly claims were transferred to Last Frontier Ent L in May/88.

GEOLOGY

A south-dipping thrust fault is inferred to cross the area, separating Nasina Assemblage schist and amphibolite (units DMs and DMasc) in the hangingwall from rusty-weathering quartz-muscovite of the Permian Klondike Schist Assemblage (unit Pks) in the footwall. A thrust-fault-bounded lens of serpentinite occurs along the fault to the east of the occurrence. A vuggy quartz carbonate vein containing no visible sulphides outcrops in the hangingwall of the fault. It is 1 m wide, strikes 140 and dips 38 S. A specimen from the vein assayed 992.5 g/t Ag with 310 ppb Au and 1140 ppm Cu.

REFERENCES

MORTENSEN, J.K., Geological Compilation Maps of the Northern Stewart River map area Klondike and Sixtymile Districts (115N/15,16; 115O/13,14 and parts of 115O/15,16). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open file 1996-1 (G).

Appendix 2

Statement of Costs
Claims: ERNI 1-80, YC07271 - YC07350
Dates worked: June 8, 10-22 and July 13, 1999.

Item	Details	Amount and Unit Cost	Total Cost
Labour	J. Peter Ross June 8, 10-22 July 13, 1999	15 days @ $250/day	$3,750.00
	Hans Algottson June 10-22, 1999	13 days @ $150/day	1,950.00
Camp Costs		28 days @ $35.00/day	980.00
Transportation	Vehicle Peter Ross - 921km H. Algottson - 240km Truck rental H. Algottson - 11 days @ $20/day	1,161 km @ $0.46/km Truck rental	534.00 220.00
Assaying	Kennecott	14 rock @ $23.60 + GST 11 silt @ $42.58 + GST 22 soil @ $21.57 + GST	277.77 501.17 507.76
	J.P. Ross	19 rock (NAL) 10 pan concentrates (NAL) 4 silt (NAL)	452.34 262.15 202.23
Radio	Spilsbury SBX 11	Self owned $300/month (0.5 X 25%)	37.50
Report Preparation			800.00
		TOTAL COST	$10,474.92

Ten thousand four hundred and seventy-four dollars and ninety two cents ($10,474.92)
$8,000.00 will go towards 1 year of assessment work for each of 80 claims.

STATEMENT OF QUALIFICATIONS

I, John Peter Ross, do hereby certify that I:

1. am a qualified prospector with mailing address;

   Box 4842
   Whitehorse, Yukon
   Canada. Y1A 4N8

2. graduated from McGill University in 1970 with a B.Sc. General Science

3. have attended and finished completely the following courses;

   1974 - BC & Yukon Chamber of Mines, Prospecting Course
   1978 - United Keno Hill Mines Limited, Elsa, Yukon, Prospecting Course
   1987 - Yukon Chamber of Mines, Advanced Prospecting Course
   1991 - Exploration Geochemistry Workshop, GSC Canada
   1994 - Diamond Exploration Short Course, Yukon Geoscience Forum
   1994 - Yukon Chamber of Mines, Alteration and Petrology for Prospectors
   1994 - Applications of Multi-Parameter Surveys (Whitehorse), Ron Shives, GSC
   1994 - Drift Exploration in Glaciated and Mountainous Terrain, BCGS
   1995 - Applications of Multi-Parameter Surveys, (Vancouver) Ron Shives, GSC
   1995 - Diamond Theory and Exploration, Short Course # 20, GSC Canada
   1996 - New Mineral Deposit Models of the Cordillera, MDRU
   1997 - Geochemical Exploration in Tropical Environments, MDRU
   1998 - Metallogeny of Volcanic Arcs, Cordilleran Roundup Short Course
   1999 - Volcanic Massive Sulphide Deposits, Cordilleran Roundup Short Course
   1999 - Pluton-Related (Thermal Aureole) Gold, Yukon Geoscience Forum

4. did all the work and the writing of this report

5. have been on the Yukon Prospectors' Assistance and Yukon Mining Incentive Program 1986 - 1999

6. have been on the British Columbia Prospectors' Assistance Program 1989 - 1990

7. have a 100% interest in the claims described in this report at the present time

John Peter Ross
29 November
1999

Appendix 4

Rock Sample Geochemistry - Assay Results

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

A9922137

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A9922137

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. # : V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
226	11	0-3 Kg crush and split
3202	11	Rock - save entire reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	11	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
9201	11	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	11	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	11	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	11	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	11	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	11	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	11	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	11	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	11	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	11	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	11	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	11	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	11	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	11	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	11	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	11	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	11	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	11	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	11	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	11	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	11	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	11	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	11	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	11	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	11	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	11	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	11	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	11	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	11	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	11	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	11	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	11	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	11	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	11	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	11	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	11	Zn ppm: ICP + ICP-MS package	ICP	2	10000

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
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To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

Project: YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number :1-A
Total Pages :1
Certificate Date: 16-JUL-1999
Invoice No. :19922137
P.O. Number :V060
Account :KAVD

CERTIFICATE OF ANALYSIS A9922137

SAMPLE	PREP CODE		Au ppb FA+AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
VR60270A	205	226	< 5	0.77	< 0.1	3.8	60	0.20	0.05	< 10	< 0.02	0.09	194	4.6	14.4	1.4	< 0.1	1.25	< 10	6	0.29
VR60271A	205	226	< 5	0.67	0.1	2.8	10	< 0.05	< 0.01	< 10	< 0.02	< 0.01	216	1.2	2.4	0.1	< 0.1	0.42	< 10	4	< 0.01
VR60272A	205	226	< 5	0.08	< 0.1	0.4	< 10	< 0.05	< 0.01	< 10	< 0.02	< 0.01	189	0.8	1.4	0.1	< 0.1	0.30	< 10	4	0.01
VR60273A	205	226	< 5	0.05	< 0.1	0.4	30	< 0.05	< 0.01	< 10	< 0.02	0.03	188	2.6	6.2	0.1	< 0.1	0.56	< 10	< 2	< 0.01
VR60274A	205	226	< 5	0.28	< 0.1	1.2	50	0.35	0.04	< 10	0.08	4.30	59	2.4	4.0	0.7	< 0.1	0.89	30	< 2	0.04
VR60275A	205	226	< 5	0.06	0.9	13.2	50	< 0.05	0.04	< 10	0.02	0.01	165	0.8	2.6	0.2	< 0.1	0.42	< 10	4	< 0.01
VR60276A	205	226	< 5	0.11	7.4	4.2	70	0.35	0.05	< 10	1.02	9.12	75	5.2	54.1	0.8	< 0.1	3.33	< 10	< 2	3.62
VR60277A	205	226	< 5	0.13	1.4	69.8	110	0.85	0.06	< 10	0.06	0.05	119	0.6	15.6	1.8	< 0.1	1.01	< 10	10	0.03
VR60278A	205	226	25	0.11	9.1	335	520	0.85	0.18	< 10	0.18	8.81	139	1.2	13.0	0.5	< 0.1	2.24	< 10	20	< 0.01
VR60279A	205	226	< 5	0.06	0.9	10.2	30	< 0.05	0.05	< 10	< 0.02	< 0.01	160	0.6	2.6	0.1	< 0.1	0.47	< 10	2	< 0.01
VR60280A	205	226	10	0.32	14.1	83.6	150	0.25	0.05	< 10	0.50	0.08	87	4.2	121.0	1.5	0.1	14.00	< 10	6	0.03

BC1
BC2
BC3
BC4
BC5
BC6
BC7
BC11
BC12
BC13
BC14

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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Page Number : 1-B
Total Pages : 1
Certificate Date: 16-JUL-1999
Invoice No. : 19922137
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9922137

SAMPLE	PREP CODE		Mn ppm	Mg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
VR60270A	205	226	105	< 0.01	0.6	15	370	0.34	< 1	0.02	0.02	6	< 0.01	< 0.05	0.14	0.04	0.25	0.50	7	28
VR60271A	205	226	30	< 0.01	0.6	5	40	0.04	< 1	< 0.02	0.01	1	< 0.01	< 0.05	< 0.02	< 0.01	0.25	0.15	< 1	< 2
VR60272A	205	226	30	< 0.01	0.6	4	< 10	0.01	< 1	< 0.02	0.01	1	< 0.01	< 0.05	< 0.02	< 0.01	0.25	< 0.05	< 1	2
VR60273A	205	226	50	< 0.01	0.6	10	10	0.01	< 1	< 0.02	0.01	2	0.01	< 0.05	< 0.02	< 0.01	0.25	0.05	< 1	2
VR60274A	205	226	310	0.01	0.2	10	40	0.09	1	0.02	< 0.01	89	< 0.01	< 0.05	0.02	< 0.01	0.20	0.35	4	14
VR60275A	205	226	15	0.05	1.6	3	< 10	0.03	< 1	0.06	< 0.01	4	0.04	< 0.05	0.22	< 0.01	0.25	0.15	5	4
VR60276A	205	226	1035	0.01	1.6	20	590	0.05	1	0.42	< 0.01	273	0.10	0.05	0.04	< 0.01	0.25	0.65	30	114
VR60277A	205	226	45	0.03	1.8	2	80	0.05	< 1	0.12	< 0.01	4	< 0.01	0.15	0.02	< 0.01	0.20	0.20	19	4
VR60278A	205	226	40	0.08	6.0	4	240	0.03	< 1	1.62	< 0.01	26	0.01	0.30	0.02	< 0.01	0.55	0.55	5	10
VR60279A	205	226	20	0.01	0.8	3	50	0.02	< 1	0.04	< 0.01	2	< 0.01	< 0.05	0.02	< 0.01	0.20	0.05	1	2
VR60280A	205	226	315	1.04	1.2	8	2730	0.03	1	0.76	< 0.01	20	0.04	0.05	0.02	< 0.01	0.75	1.80	59	52

CERTIFICATION:

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@hypertech.yk.ca

19/08/99

Certificate of Analysis

of pages (not including this page): 1

J. Peter Ross

WO# 05713

Certified by _____
John Reeve (Senior Chemist)

Date Received: 02/08/99

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
r	19	rock	Crush to -10 mesh; riffle split 200g; pulverize to -100 mesh

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au 30g	ppb	Gold	G: FA/AAS	30g FA / aqua regia	5	7000

AAS = atomic absorption spectrophotometry
FA = fire assay

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

CERTIFICATE OF ANALYSIS
iPL 99H0776

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

Northern Analytical Laboratories
Project : W.O. 05713
Shipper : Norm Smith
Shipment: PO#: 176708
Analysis:
ICP(AqR)30

Comment:

19 Samples Out: Aug 24, 1999 In: Aug 20, 1999 [077615:55:21:99082499]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B311	19	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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BC Certified Assayer: David Chiu

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19/08/99 Certificate of Analysis

J. Peter Ross

WO# 05713

Certified by

	Sample #	Au 30g ppb
r	BC-8	<5
r	BC-9	<5
r	BC-10	<5
r	BC-15	<5
r	BC-16A	<5
r	BC-17	<5
r	BC-18	<5
r	BC-21A	11
r	BC-21B	<5
r	BC-22	<5
r	BC-23	<5
r	BC-24	<5
r	BC-25	<5
r	BC-26	2835
r	BC-27	184
r	BC-28	8
r	BC-29	<5
r	BC-30	<5
r	BH-4	<5

CERTIFICATE OF ANALYSIS
iPL 99H0776

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Client : Northern Analytical Laboratories
Project: W.O. 05713

19 Samples
19=Pulp

[077615:55:21:99082499]

Out: Aug 24, 1999
In : Aug 20, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi 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 %
BH - 4	P	0.4	11	47	16	<	<	<	2	<	<	<	4	25	14	<	176	10	138	<	3	<	1	<	0.14	0.09	0.50	0.23	0.02	0.03	<
BC - 8	P	0.1	29	51	15	<	<	<	2	<	<	<	7	15	14	<	199	3	100	5	4	1	1	<	0.07	0.12	1.28	0.08	0.02	0.01	<
BC - 9	P	0.6	212	44	45	10	<	<	5	<	<	<	18	62	88	<	99	36	210	28	12	3	3	0.08	1.39	0.37	3.41	1.01	0.57	0.03	0.11
BC - 10	P	0.1	5	46	13	7	<	<	1	<	3	<	1	4	9	<	160	2	138	<	20	1	<	<	0.03	0.97	0.58	0.35	0.03	0.01	<
BC - 15	P	0.2	19	51	34	20	7	<	3	<	<	<	4	36	59	<	194	8	383	2	5	2	1	<	0.07	0.02	0.62	0.01	0.02	0.01	<
BC - 16A	P	<	6	19	13	<	<	<	2	<	2	<	1	6	23	<	210	2	57	<	1	2	<	<	0.02	0.02	0.38	0.01	0.01	0.02	<
BC - 17	P	0.4	43	28	44	<	<	<	3	<	<	<	19	47	84	<	185	20	1348	4	5	2	5	<	0.59	0.26	2.46	0.22	0.05	0.02	0.07
BC - 18	P	0.3	6	24	14	<	<	<	2	<	<	<	2	13	41	<	242	3	183	<	2	2	<	<	0.03	0.03	0.57	0.01	0.02	0.01	0.01
BC - 21A	P	0.9	23	15	297	<	<	<	7	<	<	<	27	99	963	<	179	56	5014	40	12	3	8	<	0.41	0.75	12%	0.10	0.22	0.02	0.06
BC - 21B	P	0.6	18	122	35	21	<	<	2	<	<	<	2	10	51	<	189	5	97	6	3	2	2	<	0.88	0.36	0.97	0.03	0.21	0.02	0.10
BC - 22	P	0.2	4	18	9	9	<	<	2	<	<	<	1	7	106	<	156	3	79	6	15	1	1	<	0.05	0.02	0.56	0.01	0.07	0.01	0.01
BC - 23	P	0.3	6	22	14	15	<	<	4	<	<	<	1	7	225	<	114	7	46	4	5	5	1	<	0.09	0.01	0.70	0.01	0.06	0.01	0.02
BC - 24	P	0.2	22	38	51	56	20	<	4	<	<	<	4	25	112	<	179	7	79	<	6	2	1	<	0.07	0.02	2.78	0.01	0.02	0.01	0.02
BC - 25	P	0.4	20	23	53	<	<	<	3	<	<	<	2	12	94	<	212	5	32	<	8	1	<	<	0.07	0.01	0.70	<	0.03	0.01	0.01
BC - 26	P	1.1	6	84	40	5.8%	17	<	4	<	<	<	9	11	<	<	149	4	38	5	3	1	1	<	0.09	0.05	5.01	0.01	0.02	0.05	0.01
BC - 27	P	0.4	6	8	10	313	32	3	1	<	<	<	2	8	37	<	167	4	176	<	3	2	<	<	0.06	0.01	0.65	0.01	0.02	0.01	<
BC - 28	P	0.3	7	19	9	131	<	<	2	<	<	<	1	5	99	<	158	11	66	2	8	2	<	<	0.06	0.01	0.77	0.01	0.04	0.01	0.01
BC - 29	P	0.3	9	42	30	27	<	<	2	<	<	<	4	9	28	<	233	4	456	2	15	3	2	<	0.09	1.13	0.93	0.25	0.01	0.01	0.28
BC - 30	P	0.5	19	47	101	11	<	<	2	<	<	<	5	14	38	<	88	12	104	11	7	1	3	<	0.39	0.01	3.82	0.01	0.07	0.01	0.03
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	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	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

Appendix 5

Rock Sample Descriptions - Tested by Kennecott Canada Exploration Inc.

Sample Number	Description
BC1 (VR60270A)	Quartz rod/vein, boring quartz-mica schist with quartz rod
BC2 (VR60271A)	Boring white bull quartz vein cutting white tan muscovite schist
BC3 (VR60272A)	Boring white bull quartz vein
BC4 (VR60273A)	Boring white quartz vein
BC5 (VR60274A)	Fe-carbonate vein
BC6 (VR60275A)	Quartz breccia with graphite on fractures and in vugs
BC7 (VR60276A)	Quartz carbonate breccia vein
BC11 (VR60277A)	Quartz schist breccia, bleached schist clasts 5% <1 cm vugs with cockscomb quartz crystals, trace of grey sulphides
BC12 (VR60278A)	Grey (where fresh) vuggy fractured silicified quartz breccia. Possible grey sulphides on fractures and disseminated quartz in quartzite
BC13 (VR60279A)	White quartz with possible trace disseminated grey sulphides, too small for hand sample
BC14 (VR60280A)	Limonite weathered quartz - quartzite schist breccia with angular clasts in fine grained limonitic matrix

Appendix 5

Rock Sample Descriptions - Tested by J.P. Ross

Sample Number	Description
BH4	White quartz with limonite areas and black zones
BC8	White quartz with some limonite, chalcopyrite? blue grey specs and sulphides
BC9	Brown schist and light green stains
BC10	White quartz, outside stain is orange brown
BC 15	White quartz, brown-black zones
BC16A	White quartz, black specs and orange stains
BC17	Yellow quartz, limonite and black stains
BC18	White quartz, vuggy areas limonite and back zones
BC21A	Silicified schist, limonite areas, brown and black plates?
BC21B	?, holes and limonite areas
BC22	Hard blue rock, vuggy heavy silicified with sulphides
BC23	Quartz, bluish sulphides
BC24	Quartz, holes, brown and slightly green areas
BC25	White quartz - limonite in holes and black zones
BC26	White quartz, As pyrite, outside brown stain
BC27	Quartz, vuggy areas and crystals, sulphides, red brown and black zones
BC28	Quartz, holes sulphides bluish areas, limonite and black areas
BC29	Hard quartz, limonite zones, brown zones, black zones
BC30	Metasediment and altered black and limonite zones

Appendix 6

Silt Sample Geochemistry - Assay Results

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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V6C 1S4

A9922155

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A9922155

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. # : V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
256	11	Sieve less than 63 u
201	11	Dry, sieve to -80 mesh
202	11	save reject
* NOTE	11	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
3993	22	Au ppb: Fuse 30 gram-EXT-AA fin.	FA-EXT-AA	1	1000
9201	22	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	22	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	22	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	22	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	22	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	22	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	22	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	22	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	22	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	22	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	22	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	22	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	22	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	22	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	22	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	22	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	22	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	22	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	22	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	22	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	22	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	22	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	22	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	22	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	22	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	22	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	22	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	22	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	22	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	22	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	22	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	22	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	22	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	22	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	22	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	22	Zn ppm: ICP + ICP-MS package	ICP	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

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CERTIFICATE OF ANALYSIS A9922155

SAMPLE	PREP CODE		Au ppb EXT-AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
VR19636A -80+250	201	202	40	0.87	1.3	16.0	150	0.25	0.16	< 10	0.28	0.34	65	12.8	35.0	2.5	< 0.1	3.20	< 10	4	0.73
VR19636A -250	254	--	180	1.14	0.9	11.4	160	0.25	0.15	< 10	0.30	0.42	55	11.4	30.8	3.3	< 0.1	2.83	10	4	0.70
VR19637A -80+250	201	202	54	1.23	0.8	18.6	220	0.30	0.09	< 10	0.42	0.51	96	17.4	21.6	3.3	< 0.1	3.33	10	< 2	1.00
VR19637A -250	254	--	110	1.62	0.9	22.8	330	0.35	0.13	< 10	0.84	0.62	102	22.2	27.0	4.3	< 0.1	4.10	10	2	0.97
VR19638A -80+250	201	202	23	0.57	1.1	31.2	160	0.45	0.17	< 10	0.48	0.58	25	17.0	33.0	1.7	< 0.1	4.03	< 10	2	0.43
VR19638A -250	254	--	91	0.91	1.2	37.8	210	0.55	0.19	< 10	0.76	1.09	29	21.4	35.2	2.6	< 0.1	5.73	10	2	0.49
VR19639A -80+250	201	202	13	1.01	0.9	63.8	280	0.30	0.14	< 10	0.22	0.39	21	7.6	14.6	2.8	< 0.1	2.07	10	8	0.26
VR19639A -250	254	--	19	1.16	0.9	48.8	270	0.30	0.15	< 10	0.22	0.41	22	7.4	14.2	3.3	< 0.1	2.02	10	8	0.33
VR19640A -80+250	201	202	14	0.70	0.4	9.8	140	0.20	0.08	< 10	0.16	0.34	50	8.6	15.6	1.8	< 0.1	1.93	< 10	< 2	0.45
VR19640A -250	254	--	55	0.99	0.4	12.2	160	0.20	0.09	< 10	0.22	0.45	32	10.0	18.0	2.7	< 0.1	2.40	10	2	0.46
VR85551A -80+250	201	202	5	1.16	0.4	7.0	60	0.15	0.08	< 10	0.12	0.26	108	11.6	38.8	2.4	< 0.1	1.73	< 10	2	1.08
VR85551A -250	254	--	22	1.46	0.4	6.8	70	0.25	0.10	< 10	0.16	0.28	74	10.8	53.2	3.0	< 0.1	1.80	10	< 2	0.77
VR85552A -80+250	201	202	4	0.89	0.3	7.4	130	0.20	0.09	< 10	0.12	0.36	15	4.6	9.2	2.7	< 0.1	1.70	10	< 2	0.29
VR85552A -250	254	--	8	1.09	0.3	6.8	130	0.20	0.11	< 10	0.12	0.40	20	5.2	22.6	3.1	< 0.1	1.84	10	2	0.39
VR85553A -80+250	201	202	130	0.44	1.2	33.4	170	0.35	0.17	< 10	0.36	0.38	20	15.8	23.4	1.4	< 0.1	2.98	< 10	96	0.31
VR85553A -250	254	--	115	0.80	1.6	54.4	360	0.55	0.22	< 10	0.84	0.75	29	32.8	35.8	2.4	< 0.1	5.07	10	102	0.47
VR85554A -80+250	201	202	10	0.34	0.7	24.0	160	0.20	0.17	< 10	0.24	0.43	15	9.8	21.0	1.1	< 0.1	2.36	< 10	< 2	0.25
VR85554A -250	254	--	145	0.66	0.8	25.8	370	0.30	0.17	< 10	0.44	1.19	24	14.2	29.0	2.0	< 0.1	3.20	10	< 2	0.41
VR85555A -80+250	201	202	8	1.45	0.3	11.4	180	0.35	0.11	< 10	0.16	0.50	33	12.0	19.0	4.1	< 0.1	2.93	20	8	0.60
VR85555A -250	254	--	11	1.27	0.3	9.6	170	0.25	0.11	< 10	0.14	0.48	26	9.2	16.0	3.5	< 0.1	2.45	20	4	0.46
VR85556A -80+250	201	202	5	1.18	0.1	3.6	90	0.20	0.07	< 10	0.06	0.36	36	9.2	11.0	3.2	< 0.1	2.12	10	2	0.62
VR85556A -250	254	--	21	1.18	0.2	4.8	130	0.25	0.10	< 10	0.12	0.42	30	9.2	15.8	3.4	< 0.1	2.15	10	2	0.51

ST3
ST4
ST5
ST6
ST7
ST9
ST11
ST12
ST13
ST14
ST15

CERTIFICATION: _____

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9922155

SAMPLE	PREP CODE		Mn ppm	Hg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
VR19636A -80+250	201	202	440	0.04	2.0	70	1020	0.06	3	0.34	0.01	33	0.08	0.05	0.14	0.02	0.20	1.15	32	92
VR19636A -250	254	--	460	0.20	1.4	56	790	0.06	3	0.34	0.02	34	0.06	< 0.05	0.14	0.05	0.40	1.15	39	84
VR19637A -80+250	201	202	1245	0.07	1.0	89	860	0.05	3	0.22	0.01	26	0.03	< 0.05	0.12	0.04	0.15	0.80	39	88
VR19637A -250	254	--	2330	0.08	1.0	94	640	0.06	4	0.34	0.01	35	0.04	< 0.05	0.18	0.04	0.25	1.05	47	106
VR19638A -80+250	201	202	1225	0.03	2.2	55	910	0.03	3	0.26	< 0.01	21	0.12	0.05	0.10	0.01	0.40	1.20	28	158
VR19638A -250	254	--	1700	0.11	2.0	65	920	0.04	3	0.38	0.01	39	0.11	0.05	0.16	0.04	0.50	1.80	35	182
VR19639A -80+250	201	202	540	0.07	0.8	14	460	0.04	3	0.24	0.01	31	0.04	< 0.05	0.08	0.03	0.40	1.80	32	54
VR19639A -250	254	--	470	0.06	0.6	14	440	0.04	3	0.24	0.01	32	0.03	< 0.05	0.08	0.04	0.45	1.65	32	58
VR19640A -80+250	201	202	325	< 0.01	0.6	39	840	0.03	1	0.08	0.01	18	0.01	< 0.05	0.08	0.02	0.15	0.60	22	58
VR19640A -250	254	--	415	0.03	0.6	35	760	0.04	3	0.14	0.01	27	0.02	< 0.05	0.08	0.05	0.70	0.80	34	72
VR85551A -80+250	201	202	340	0.03	0.4	95	640	0.03	1	0.08	0.01	13	0.01	< 0.05	0.08	0.03	1.80	1.35	26	40
VR85551A -250	254	--	345	0.08	0.4	72	460	0.04	2	0.12	0.01	17	0.02	< 0.05	0.12	0.05	0.65	2.10	32	50
VR85552A -80+250	201	202	155	0.01	0.4	10	910	0.09	2	0.06	0.01	21	0.02	< 0.05	0.08	0.04	0.15	0.65	25	44
VR85552A -250	254	--	165	0.01	0.2	12	680	0.05	3	0.08	0.02	26	0.01	< 0.05	0.06	0.06	0.90	0.80	35	50
VR85553A -80+250	201	202	1235	0.01	1.6	48	830	0.07	3	0.18	< 0.01	17	0.06	0.05	0.14	0.01	0.35	1.10	21	120
VR85553A -250	254	--	2950	0.05	2.6	88	960	0.09	4	0.30	0.01	33	0.07	0.05	0.28	0.03	0.50	2.00	32	206
VR85554A -80+250	201	202	550	0.01	1.2	29	920	0.05	3	0.10	0.01	17	0.03	< 0.05	0.08	0.01	0.45	0.80	23	86
VR85554A -250	254	--	910	0.05	1.4	44	1340	0.06	5	0.18	0.01	43	0.06	< 0.05	0.12	0.03	1.25	1.35	38	126
VR85555A -80+250	201	202	780	0.02	0.4	23	520	0.08	3	0.12	0.01	30	0.03	< 0.05	0.10	0.04	0.25	1.10	33	68
VR85555A -250	254	--	680	0.03	0.2	17	430	0.05	3	0.12	0.01	32	0.03	< 0.05	0.08	0.05	0.55	1.05	31	56
VR85556A -80+250	201	202	320	0.01	0.2	21	820	0.07	2	0.06	0.01	16	0.01	< 0.05	0.08	0.03	0.10	0.60	27	52
VR85556A -250	254	--	480	0.03	0.2	18	580	0.05	3	0.08	0.01	23	0.01	< 0.05	0.06	0.05	0.60	0.90	32	50

CERTIFICATION:

Northern Analytical Laboratories ltd.

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19/08/99

Certificate of Analysis

of pages (not including this page): 1

J. Peter Ross

WO# 05714

Certified by _____
John Reeve (Senior Chemist)

Date Received: 02/08/99

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
m	4	misc	Silts: Sieve -80 mesh for ICP; -80+200 & -200 for Au

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au 30g	ppb	Gold	G: FA/AAS	30g FA / aqua regia	5	7000

AAS = atomic absorption spectrophotometry
FA = fire assay

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

CERTIFICATE OF ANALYSIS
iPL 99H0777

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

Northern Analytical Laboratories
Project : W.O. 05714
Shipper : Norm Smith
Shipment: PO#: 176708
Analysis:
ICP(AqR)30

Comment:

4 Samples Out: Aug 24, 1999 In: Aug 20, 1999 [077715:55:11:99082499]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B311	4	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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BC Certified Assayer: David Chiu

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19/08/99

Certificate of Analysis

J. Peter Ross

WO# 05714

Certified by

	Sample #		Au 30g ppb
m	ST-1	-80+200	67
m	ST-1	-200	447
m	ST-2	-80+200	45
m	ST-2	-200	133
m	ST-8	-80+200	312
m	ST-8	-200	80
m	ST-10	-80+200	101
m	ST-10	-200	75

CERTIFICATE OF ANALYSIS
iPL 99H0777

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
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Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. 05714

4 Samples
4=Pulp

[077715:55:11:99082499]

Out: Aug 24, 1999
In : Aug 20, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi 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 %
ST - 1	P	0.2	55	17	320	68	<	<	7	<	<	<	26	104	167	<	45	51	2067	10	26	6	4	0.03	0.91	1.04	4.94	0.91	0.09	0.02	0.11
ST - 2	P	0.3	27	18	178	14	<	<	6	<	<	<	25	46	263	<	30	63	2436	8	22	2	8	0.02	1.02	0.87	4.75	0.86	0.09	0.02	0.06
ST - 8	P	0.3	26	17	108	93	<	<	4	<	<	<	16	23	229	<	21	47	1143	10	22	1	3	0.02	1.07	0.31	3.12	0.26	0.05	0.02	0.07
ST - 10	P	0.4	42	20	208	29	<	<	6	<	<	<	23	71	158	<	31	37	1801	8	33	12	3	0.02	0.66	1.42	4.32	0.54	0.06	0.02	0.10
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	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	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

Appendix 7

Pan Concentrate Sample Geochemistry - Assay Results

Northern Analytical Laboratories ltd.

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12/08/99

Certificate of Analysis

# of pages (not including this page): 1

J. Peter Ross

WO# 05695

Certified by _____
John Reeve (Senior Chemist)

Date Received: 21/07/99

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
c	12	concentrate	Riffle split 200g, pulverize to -100 mesh (if necessary)

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au 30g	ppb	Gold	G: FA/AAS	30g FA / aqua regia	5	7000
Au	oz/ton	Gold	A: FA/Gravimetric	1AT FA	0.010	20.000

AAS = atomic absorption spectrophotometry
FA = fire assay

Note: Repeatability of replicate assays was very poor, suggesting probable nugget effects from coarse gold.

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

CERTIFICATE OF ANALYSIS
iPL 99G0650

INTERNATIONAL PLASMA LABORATORY LTD.
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Fax (604) 879-7898

[065012:18:59:99080399]

Northern Analytical Laboratories
Project : W.O. 05695
Shipper : Norm Smith
Shipment: PO#: 054599
Analysis:
ICP(AqR)30

Comment:

12 Samples Out: Aug 03, 1999 In: Jul 27, 1999

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION
B311	12	Pulp	Pulp received as it is, no sample prep.

PULP 12M/Dis REJECT 00M/Dis
NS=No Sample Rep=Replicate M=Month Dis=Discard

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Ph:867/668-4968
Fx:867/668-4890
Em:NAL@hypertech.yk.ca

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molydenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

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12/08/99 Certificate of Analysis

J. Peter Ross

WO# 05695
corrected

Certified by

	Sample #	Au 30g ppb	Au oz/ton	Sample wt g
c	PC-1	3300		124
c	PC-2	<5		89
c	PC-3	5		77
c	PC-4	<5		110
c	PC-5	131		89
c	PC-7	<5		75
c	PC-8	18		77
c	PC-9 Below	>7000	0.290	85
c	PC-9 Moss	5		119
c	PC-10	1590		90
c	PC-12	123		86
c	PC-13	58		82

CERTIFICATE OF ANALYSIS
iPL 99G0650

INTERNATIONAL PLASMA LABORATORY LTD.
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Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. 05695

12 Samples
12=Pulp

[065012:22:46:99080399]

Out: Aug 03, 1999
In : Jul 27, 1999

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi 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 %
PC - 1	P	1.5	110	43	310	167	<	<	4	<	<	<	51	174	14	44	183	76	1938	4	10	17	4	0.02	0.60	0.49	9.81	0.42	0.09	0.02	0.09
PC - 2	P	0.2	35	19	153	70	<	<	4	<	<	1.0	28	55	167	12	168	52	1404	6	16	5	6	0.01	0.86	0.37	4.78	0.60	0.12	0.02	0.05
PC - 3	P	0.2	49	14	107	19	<	<	3	<	<	2.1	15	75	237	<	297	39	413	11	24	3	3	0.02	0.79	0.27	3.48	0.50	0.13	0.04	0.07
PC - 4	P	<	16	9	53	25	<	<	1	<	<	2.4	8	46	180	<	229	28	313	7	15	1	2	0.03	0.72	0.33	1.85	0.54	0.09	0.04	0.04
PC - 5	P	0.2	46	17	180	38	<	<	4	<	<	0.9	20	67	637	<	240	42	1058	12	19	11	3	0.03	0.67	0.41	4.34	0.32	0.10	0.03	0.09
PC - 7	P	<	27	46	55	30	<	<	1	<	<	1.0	11	77	393	<	453	30	536	7	23	2	3	0.06	1.01	0.71	2.84	0.55	0.06	0.04	0.07
PC - 8	P	<	38	16	88	75	<	<	2	<	<	1.5	9	32	207	<	247	37	349	15	17	2	2	0.02	0.57	0.14	2.98	0.10	0.09	0.02	0.05
PC - 9 BELOW	P	<	26	10	43	28	<	<	1	<	<	0.9	12	101	66	<	301	42	394	18	23	2	3	0.09	1.10	0.67	2.24	0.96	0.04	0.04	0.07
PC - 9 MOSS	P	0.4	37	15	85	48	<	<	3	<	<	1.7	18	145	803	96	337	41	675	8	18	2	3	0.04	1.05	0.43	3.59	1.38	0.05	0.04	0.05
PC - 10	P	2.9	63	19	194	48	<	<	3	<	<	1.4	22	79	210	18	209	44	1207	9	16	16	3	0.02	0.61	0.39	4.92	0.36	0.09	0.02	0.09
PC - 12	P	0.1	43	143	157	64	<	<	4	<	<	0.5	17	63	935	<	242	35	1047	12	19	9	3	0.03	0.60	0.39	3.79	0.27	0.12	0.03	0.09
PC - 13	P	0.4	57	27	187	38	<	<	4	<	<	2.1	20	83	915	<	315	48	872	12	19	7	4	0.03	0.56	0.35	5.26	0.24	0.10	0.03	0.08
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	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	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No SampleP=Pulp

Appendix 8

Soil Sample Geochemistry - Assay Results

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
ATTN: ROGER HULSTEIN
354 - 200 GRANVILLE ST.
VANCOUVER, BC
V6C 1S4

A9922136

Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

CERTIFICATE A9922136

(KAVD) - KENNECOTT CANADA, INC.

Project: YUKON GOLD
P.O. #: V080

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-1999.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
216	22	sieve to -150 mesh
202	22	save reject

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
3993	22	Au ppb: Fuse 30 gram-EXT-AA fin.	FA-EXT-AA	1	1000
9201	22	Al %: ICP + ICP-MS package	ICP	0.01	15.00
9202	22	Sb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9203	22	As ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9204	22	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9205	22	Be ppm: ICP + ICP-MS package	ICP	0.05	100.0
9206	22	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9235	22	B ppm: ICP + ICP-MS package	ICP	10	10000
9207	22	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9208	22	Ca %: ICP + ICP-MS package	ICP	0.01	15.00
9209	22	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9210	22	Co ppm: ICP + ICP-MS package	ICP	0.2	10000
9211	22	Cu ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9212	22	Ga ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9213	22	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9214	22	Fe %: ICP + ICP-MS package	ICP	0.01	15.00
9215	22	La ppm: ICP + ICP-MS package	ICP	10	10000
9216	22	Pb ppm: ICP + ICP-MS package	ICP	2	10000
9217	22	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9218	22	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9219	22	Hg ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9220	22	Mo ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9221	22	Ni ppm: ICP + ICP-MS package	ICP	1	10000
9222	22	P ppm: ICP + ICP-MS package	ICP	10	10000
9223	22	K %: ICP + ICP-MS package	ICP	0.01	10.00
9224	22	Sc ppm: ICP + ICP-MS package	ICP	1	10000
9225	22	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	100.0
9226	22	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9227	22	Sr ppm: ICP + ICP-MS package	ICP	1	10000
9236	22	S %: ICP + ICP-MS package	ICP	0.01	5.00
9228	22	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9229	22	Tl ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	10000
9230	22	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9231	22	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9232	22	U ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	10000
9233	22	V ppm: ICP + ICP-MS package	ICP	1	10000
9234	22	Zn ppm: ICP + ICP-MS package	ICP	2	10000

Chemex Labs Ltd.

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Project : YUKON GOLD
Comments: ATTN: ERIC FINLAYSON CC: ROGER HULSTEIN

Page Number :1-A
Total Pages :1
Certificate Date: 19-JUL-1999
Invoice No. : 19922136
P.O. Number : V080
Account : KAVD

CERTIFICATE OF ANALYSIS A9922136

SAMPLE	PREP CODE		Au ppb FAT-AA	Al %	Sb ppm	As ppm	Ba ppm	Be ppm	Bi ppm	B ppm	Cd ppm	Ca %	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %	La ppm	Pb ppm	Mg %
VR83301A	216	202	8	1.39	0.4	13.6	150	0.20	0.18	< 10	0.30	0.26	41	14.8	21.6	4.2	< 0.1	2.50	10	12	0.58
VR83302A	216	202	< 2	1.61	0.4	8.0	210	0.30	0.16	< 10	0.26	0.65	46	11.6	29.0	6.7	< 0.1	2.40	10	4	0.68
VR83303A	216	202	< 1	1.42	0.3	6.2	180	0.25	0.11	< 10	0.14	0.44	50	9.8	28.6	4.0	< 0.1	2.00	< 10	6	0.62
VR83304A	216	202	8	1.83	0.4	6.6	240	0.40	0.17	< 10	0.14	0.37	58	12.4	34.6	4.6	< 0.1	2.61	10	6	0.73
VR83305A	216	202	34	1.53	0.3	6.6	210	0.30	0.14	< 10	0.12	0.32	36	13.0	17.0	4.0	< 0.1	2.38	10	8	0.53
VR83306A	216	202	3	1.58	0.5	18.6	220	0.35	0.19	< 10	0.12	0.63	39	13.0	21.2	4.2	< 0.1	2.80	20	14	0.55
VR83307A	216	202	4	1.88	0.7	19.8	170	0.45	0.24	< 10	0.16	0.31	31	8.8	22.0	4.8	< 0.1	3.32	30	12	0.59
VR83308A	216	202	2	2.58	2.7	78.8	110	0.85	1.24	< 10	0.12	0.06	74	22.6	50.0	7.0	0.1	7.39	40	74	0.55
VR83309A	216	202	7	1.58	0.9	12.2	170	0.55	0.19	< 10	0.10	0.37	32	8.8	19.0	4.3	< 0.1	2.83	30	10	0.56
VR83310A	216	202	19	1.38	1.7	44.6	150	0.55	0.18	< 10	0.06	0.38	25	8.6	23.4	3.7	< 0.1	2.96	40	10	0.46
VR83311A	216	202	3	1.71	0.4	12.4	250	0.45	0.19	< 10	0.18	0.29	29	11.4	15.4	4.5	< 0.1	3.65	10	18	0.48
VR83312A — S1	216	202	4	1.64	0.4	13.4	170	0.45	0.18	< 10	0.12	0.25	27	9.0	13.6	4.2	< 0.1	2.85	10	8	0.43
VR83313A — S2	216	202	2	1.56	0.3	7.8	180	0.25	0.18	< 10	0.10	0.26	24	7.8	11.4	4.1	< 0.1	2.49	10	8	0.41
VR83314A — S3	216	202	4	1.27	0.3	6.0	160	0.25	0.14	< 10	0.10	0.34	20	6.6	10.2	3.5	< 0.1	2.00	10	< 2	0.36
VR83315A — S4	216	202	9	1.23	0.4	10.0	150	0.25	0.14	< 10	0.12	0.61	23	8.6	11.8	3.3	< 0.1	2.42	10	8	0.41
VR83316A — S5	216	202	3	1.92	0.5	7.6	80	0.65	0.32	< 10	0.10	0.28	40	20.4	33.8	4.4	< 0.1	4.10	10	20	0.64
VR83317A — S6	216	202	< 1	2.85	0.2	6.8	110	0.90	0.32	< 10	0.06	0.07	40	16.2	47.4	4.8	< 0.1	5.26	20	24	0.67
VR83318A — S7	216	202	3	1.85	0.4	6.8	190	0.45	0.21	< 10	0.02	0.23	31	9.4	25.6	4.3	< 0.1	3.25	10	8	0.59
VR83319A — S8	216	202	< 2	1.94	0.3	7.0	130	0.50	0.34	< 10	0.06	0.23	38	12.4	30.6	5.0	< 0.1	3.92	10	8	0.70
VR83320A — S9	216	202	< 1	1.42	0.3	7.8	150	0.35	0.22	< 10	0.08	0.49	32	10.0	15.0	4.0	< 0.1	2.80	10	12	0.49
VR83321A — S10	216	202	125	1.16	0.2	10.8	120	0.25	0.14	< 10	0.10	0.32	23	14.2	14.6	3.2	< 0.1	2.62	10	14	0.41
VR83322A	216	202	5	1.73	0.6	13.2	200	0.60	0.19	< 10	0.08	0.50	33	8.8	26.8	4.5	< 0.1	2.53	30	10	0.56

CERTIFICATION:

T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12

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SAMPLE	PREP CODE		Mn ppm	Mg ppm	Mo ppm	Ni ppm	P ppm	K %	Sc ppm	Ag ppm	Na %	Sr ppm	S %	Te ppm	Tl ppm	Ti %	W ppm	U ppm	V ppm	Zn ppm
VR83301A	216	202	810	0.05	1.4	33	520	0.07	3	0.44	0.01	23	0.03	< 0.05	0.16	0.05	0.20	0.75	44	76
VR83302A	216	202	450	0.04	0.8	42	500	0.05	3	0.28	0.01	28	0.03	< 0.05	0.12	0.05	0.25	0.85	44	68
VR83303A	216	202	325	0.02	0.6	38	500	0.04	3	0.16	0.01	29	0.03	< 0.05	0.06	0.05	0.20	0.50	40	52
VR83304A	216	202	445	0.03	0.4	60	450	0.05	4	0.18	0.01	27	0.01	< 0.05	0.10	0.06	0.25	0.90	46	68
VR83305A	216	202	880	0.01	0.6	36	540	0.05	3	0.14	0.01	25	0.02	< 0.05	0.08	0.05	0.25	0.75	41	58
VR83306A	216	202	610	0.03	0.6	53	540	0.08	3	0.16	0.01	36	0.04	< 0.05	0.10	0.05	0.20	1.70	38	66
VR83307A	216	202	195	0.03	0.6	21	340	0.09	3	0.18	0.01	26	0.01	< 0.05	0.14	0.07	0.20	1.80	42	68
VR83308A	216	202	735	0.01	1.4	55	420	0.11	6	0.06	< 0.01	10	0.01	0.15	0.22	0.02	0.20	2.20	57	118
VR83309A	216	202	415	0.01	0.6	24	350	0.09	3	0.14	0.01	33	0.01	< 0.05	0.10	0.05	0.25	1.35	36	60
VR83310A	216	202	250	0.03	0.6	21	330	0.07	3	0.22	0.01	28	0.01	< 0.05	0.10	0.04	0.25	1.75	32	66
VR83311A	216	202	505	0.04	1.2	18	570	0.05	3	0.18	0.01	25	0.03	< 0.05	0.10	0.05	0.50	1.80	55	66
VR83312A	216	202	255	0.03	0.6	16	480	0.05	3	0.12	0.01	22	0.01	< 0.05	0.10	0.05	0.30	1.00	44	60
VR83313A	216	202	285	0.05	0.6	14	470	0.05	2	0.12	0.01	25	0.03	< 0.05	0.08	0.04	0.20	0.85	41	56
VR83314A	216	202	280	0.03	0.6	12	380	0.04	1	0.12	0.01	27	0.03	< 0.05	0.08	0.04	0.25	0.65	35	48
VR83315A	216	202	380	0.03	0.6	14	580	0.05	3	0.12	0.01	41	0.03	< 0.05	0.06	0.05	0.40	0.85	41	62
VR83316A	216	202	580	0.01	0.6	44	860	0.26	5	0.06	< 0.01	19	< 0.01	< 0.05	0.52	0.04	0.15	1.50	31	88
VR83317A	216	202	415	< 0.01	0.4	40	320	0.48	7	0.04	0.01	9	< 0.01	0.05	0.56	0.05	0.10	1.05	39	86
VR83318A	216	202	260	0.01	0.6	25	140	0.14	4	0.04	0.01	15	< 0.01	< 0.05	0.20	0.07	0.15	0.85	41	56
VR83319A	216	202	300	< 0.01	0.8	27	180	0.31	3	0.06	0.01	18	< 0.01	< 0.05	0.34	0.08	0.15	1.55	34	80
VR83320A	216	202	415	< 0.01	0.8	17	180	0.10	3	0.14	0.01	29	0.01	< 0.05	0.14	0.05	0.25	0.80	37	54
VR83321A	216	202	705	0.03	0.6	14	790	0.06	2	0.10	< 0.01	17	0.01	< 0.05	0.08	0.04	0.95	0.65	40	54
VR83322A	216	202	285	0.01	0.6	22	350	0.06	3	0.22	0.01	34	0.01	< 0.05	0.08	0.05	0.25	2.95	35	58

CERTIFICATION: