

**Geochemical and Prospecting Report
on the
VIVI 1-2, 11-12, 19-30 Claims
Watson Lake Mining District**

by

J. Peter Ross, Prospector



NTS: 105 A/13
Latitude: 60° 57' N
Longitude: 129° 54' W
Dates Worked: July 23-31 1998
August 1-8, 1998

Dated: September 1999

This report has been examined by
the Geological Evaluation Unit
under Section 55 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 6400.00

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

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Chapter One: SUMMARY and CONCLUSIONS

1.1 Summary

The VIVI 1-30 claims were staked and recorded by J.P. Ross in June and July of 1997.

A government Open File geochemical survey had 4 anomalous samples for gold. Of the 4 samples, 3 were also anomalous for As or W.

The target was thought to be a Carlin Au, an Au skarn or Au Motherlode type.

Jade has been mined to the south.

In 1997, silt samples and moss matt samples suggested an anomalous large area(s) was present. Au/As or Sb.

Only 16 claims, VIVI 1-2, 11-12, 19-30, were kept.

In 1998, 21 float rock samples, 2 silt samples and 59 soil samples were taken by J.P. Ross and tested by Viceroy Exploration (Canada) Inc. for a right of first refusal on the VIVI claims.

Dates worked were July 23-31, 1998 and August 1-8, 1998.

No float rock samples were anomalous. Most of 15 soil samples in a row were anomalous for Au \pm Cr, Fe, Mn, Ni. This anomalous line suggests a Motherlode type Au zone so Viceroy did not want to proceed further in the area.

1.2 Recommendations

All 16 claims will be kept. Four years of assessment work in 1998, 5 years of assessment work was done and filed in 1997.

When the price of gold is higher, I plan to go back; stake more claims to the northeast and take more soil samples to determine the extent and direction of the anomaly. Only 59 of 117 soil samples were analyzed, the rest have been saved. Some soil samples should be tested in the future for Pt series elements.

**YUKON
TERRITORY**

SCALE 1 : 6,000,000

Lambert Conformal Conic Projection

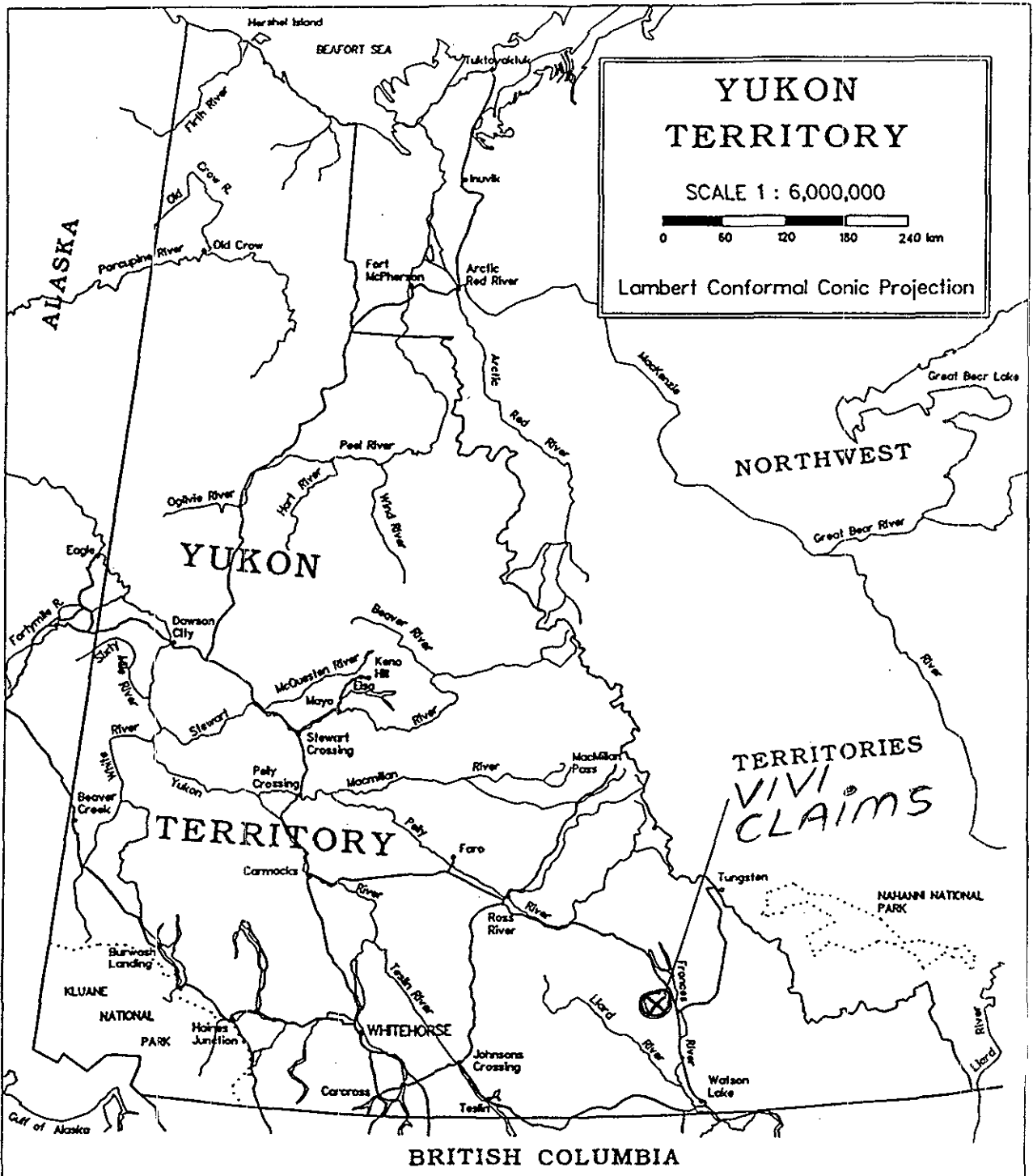


FIGURE #1

LOCATION MAP

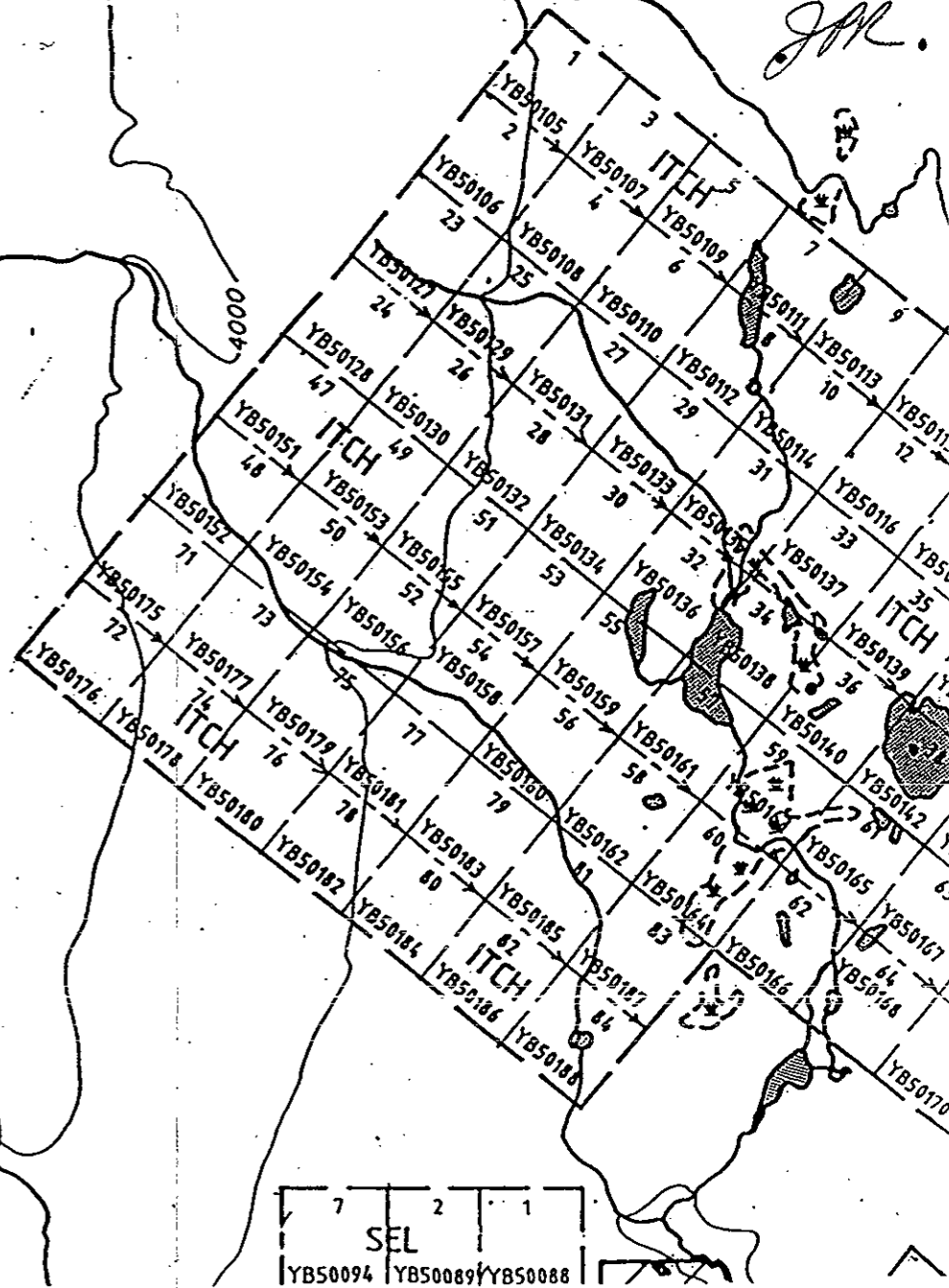
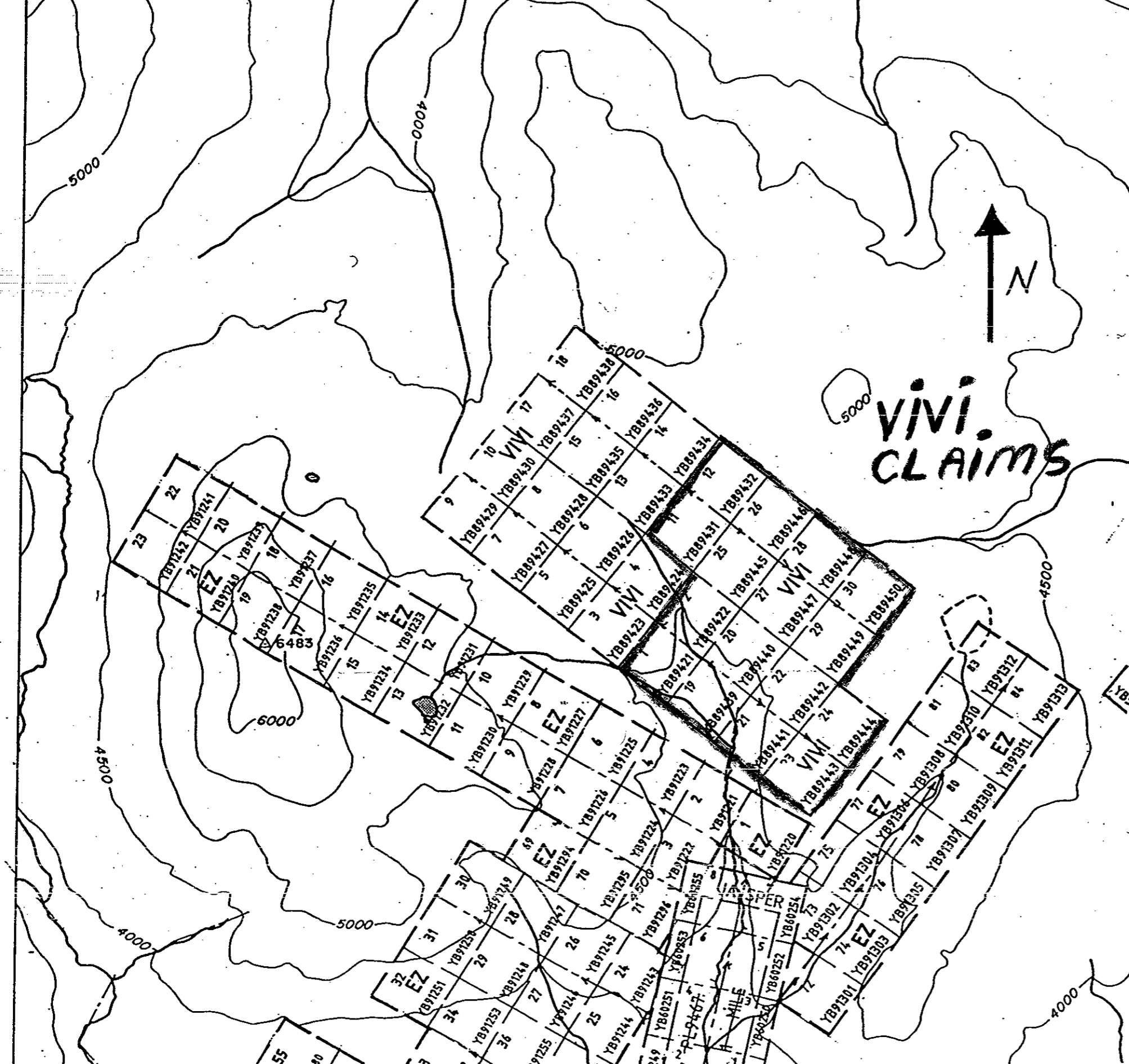
VIVI #1, 2, 11, 12, 19-30

JPR

130°00'
61°00'

55'

FIGURE #2
 CLAIM LOCATION MAP
 WATSON LAKE MIN. DIST.
 NTS 105 A 13
 DATE 21 OCT 1998
 DRAWN by JP ROSS
 SCALE 1:31,680



SEL
 YB50094 YB50089 YB50088

130°00'
61°00'

55'

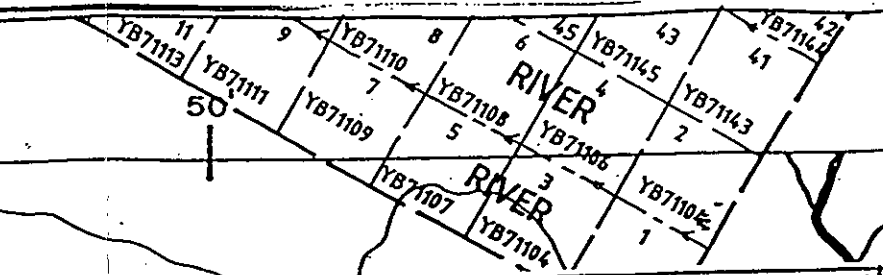
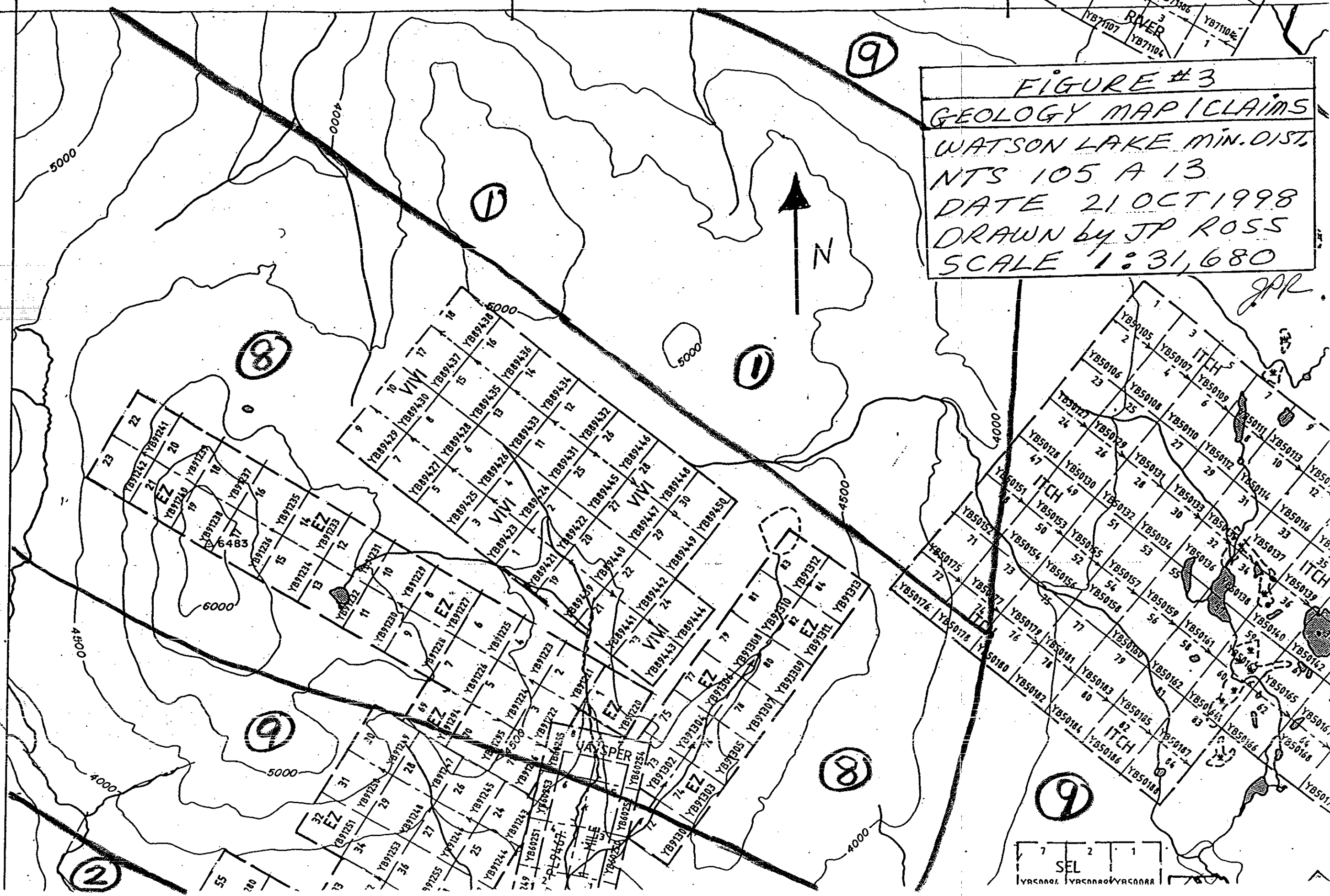


FIGURE #3
 GEOLOGY MAP CLAIMS
 WATSON LAKE MIN. DIST.
 NTS 105 A 13
 DATE 21 OCT 1998
 DRAWN BY JP ROSS
 SCALE 1:31,680

JPR



7 SEL 2 1 1/4
YB91397 YB91398 YB91399

MAP 1 - NTS 105A
SAMPLE LOCATION
STREAM SEDIMENT
GSC OPEN FILE 3293
SOUTHEASTERN YUKON 1996

GEOLOGICAL LEGEND

CENOZOIC

11 Felsic to intermediate volcanic rocks; minor tillite and limestone

10 Nonmarine clastic sediments; minor felsic volcanics

PALEOZOIC

9 Mafic to ultramafic rocks and associated marine carbonates and clastics

8 Intermediate to felsic volcanics and associated marine carbonates and clastics

7 Mainly marine carbonates and shales; minor siliceous sediments (chert)

6 Marine and nonmarine clastic sediments; minor limestone and coal

PROTEROZOIC

5 Mainly clastic marine sediments; minor limestone and basalt

4 Mainly siliceous and carboniferous sediments; minor evaporite, mafic volcanics, and iron formation

PLUTONIC ROCKS

3 Granite, leucogranite, alaskite, quartz monzonite, granophyre

2 Granodiorite, leucogranodiorite, quartz monzonite, quartz diorite, tonalite

1 Ultramafic rocks

— Geological Boundary



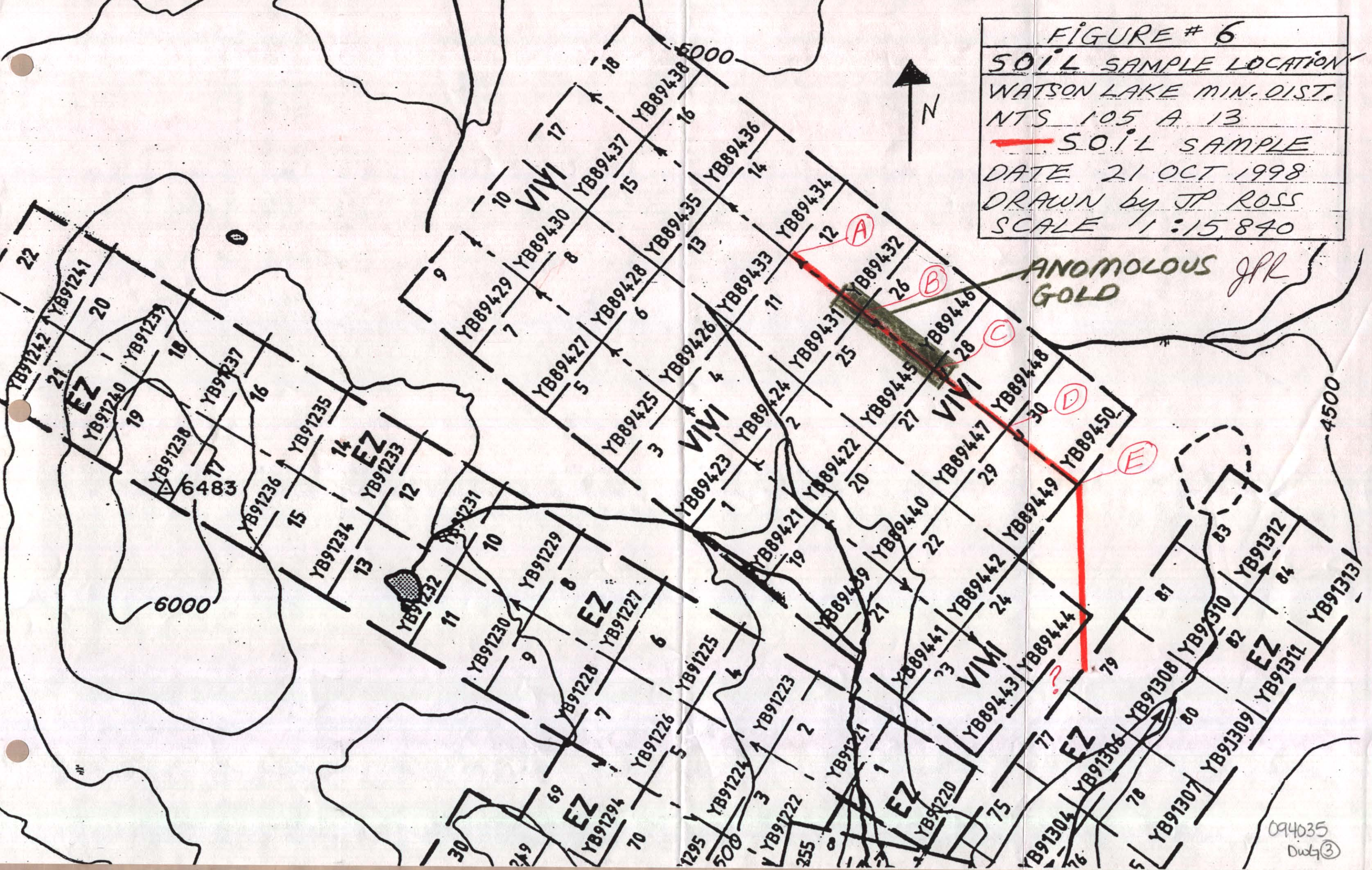
FIGURE # 5
 SILT SAMPLE LOCATION
 WATSON LAKE MIN. DIST.
 NTS 105 A 13
 X SILT SAMPLE
 DATE 21 OCT 1998
 DRAWN by JP ROSS
 SCALE 1:15,840

LARGE OPEN FLAT AREA

JPR

094035
DW6

FIGURE # 6
 SOIL SAMPLE LOCATION
 WATSON LAKE MIN. DIST.
 NTS 105 A 13
 SOIL SAMPLE
 DATE 21 OCT 1998
 DRAWN by JP ROSS
 SCALE 1:15,840



094035
Dwt(3)

Chapter Two: INTRODUCTION

2.1 Introductory Statement

From July 23 - August 8, 1998, J. Peter Ross prospected and took soil samples on the claims.

Twenty-one (21) float rock samples were taken and tested by fire assay Au (30g) and 32 element ICP.

Two (2) silt samples were taken and tested by fire assay Au (30g) and 32 element ICP. Samples were taken from active stream sediments and passed through a -8 mesh screen over a plate in a pail for collection.

One hundred and seventeen (117) soil samples were taken at 75 foot intervals from #2 posts (VIVI 11+12) along the claim line to #2 posts (VIVI 29+30). Then a soil line at 195° was done. Only every second sample was tested, 59 in all. The samples were tested by fire assay Au (30g) and 32 element ICP.

Soil samples were marked by yellow/blue ribbon together and were taken at 12" to 24" depth. A wooden lath was hammered or placed into the soil sample holes or nearby.

Silt and float samples were marked by yellow ribbon.

2.2 Location And Access

The VIVI 1-2, 11-12, 19-30 claims are located approximately 65 miles northwest of Watson Lake in the Watson Lake Mining District, N.T.S. 105 A/13, latitude 60° 57', longitude 129° 54'. Access to the claims was by charter helicopter (Trans North Air) from Watson Lake. The VIVI claims are about 4 miles northwest of Hasselberg Lake.

2.3 History

Geology in the claims area is Unit 8: paleozoic intermediate to felsic volcanics and associated marine carbonates and clastics. (see Figure 3: Geology Map / Claim Area)

Geology to the northeast of the claims area is Unit 1: plutonic ultramafic rocks and the boundary is unknown.

A winter road (?) was seen to the south of the claims and a few open areas were noted (mineral exploration or production?).

An area to the south has produced at least 200 tons of high-grade nephrite jade. Two small bags of jade were picked up and left on boulders near camp.

Chapter Three: PROPERTY DESCRIPTION

<u>Claim Name</u>	<u>Grant No.</u>	<u>Grouping</u>	<u>Date Staked</u>	<u>Date Recorded</u>	<u>Expiry Date</u>
VIVI 1	YB89421	HL09732	97.06.21	97.07.08	2007.07.08
VIVI 2	YB89422	HL09732	97.06.21	97.07.08	2007.07.08
VIVI 11	YB89431	HL09732	97.06.26	97.07.08	2007.07.08
VIVI 12	YB89432	HL09732	97.06.26	97.07.08	2007.07.08
VIVI 19	YB89439	HL09732	97.07.01	97.07.08	2007.07.08
VIVI 20	YB89440	HL09732	97.07.01	97.07.08	2007.07.08
VIVI 21	YB89441	HL09732	97.07.02	97.07.08	2007.07.08
VIVI 22	YB89442	HL09732	97.07.02	97.07.08	2007.07.08
VIVI 23	YB89443	HL09732	97.07.02	97.07.08	2007.07.08
VIVI 24	YB89444	HL09732	97.07.02	97.07.08	2007.07.08
VIVI 25	YB89445	HL09732	97.07.05	97.07.08	2007.07.08
VIVI 26	YB89446	HL09732	97.07.05	97.07.08	2007.07.08
VIVI 27	YB89447	HL09732	97.07.05	97.07.08	2007.07.08
VIVI 28	YB89448	HL09732	97.07.05	97.07.08	2007.07.08
VIVI 29	YB89449	HL09732	97.07.05	97.07.08	2007.07.08
VIVI 30	YB89450	HL09732	97.07.05	97.07.08	2007.07.08

Chapter Four: GEOCHEMICAL SURVEY and PROSPECTING

4.1 Rock Geochemistry

The best rock sample ran a disappointing 10 ppb Au.

4.2 Silt Geochemistry

Highlighted values are Au \geq 10 ppb, Cr \geq 500 ppm, Fe \geq 4.0%, Mn \geq 1000 ppm, Ni \geq 300 ppm.

	<u>Au ppb</u>	<u>Cr ppm</u>	<u>Fe %</u>	<u>Mn ppm</u>	<u>Ni ppm</u>
WS 1	--	619	4.55	5340	519
WS 2	300	1065	4.94	930	532

4.3 Soil Geochemistry

Highlighted values are Au \geq 10 ppb, Cr \geq 500 ppm, Fe \geq 4.0%, Mn \geq 1000 ppm, Ni \geq 300 ppm.

	<u>Au ppb</u>	<u>Cr ppm</u>	<u>Fe %</u>	<u>Mn ppm</u>	<u>Ni ppm</u>
A+900SE	105	855	3.57	550	376
A+1050SE	175	1135	6.12	1135	470
A+1200SE	20	508	5.04	1215	286
A+1350SE	10	848	7.30	2620	488
B	80	640	4.95	1225	315
B+150SE	125	683	4.04	820	321
B+300SE	50	846	5.78	1185	313
B+450SE	10	495	3.86	410	213
B+600SE	755	1215	12.05	3590	624
B+750SE	105	687	4.98	915	424
B+900SE	70	632	3.90	530	356
B+1050SE	--	547	2.85	210	167
B+1200SE	400	515	2.42	185	152
B+1350SE	--	613	3.17	305	186
C+75SE	60	248	2.73	145	91

4.4 Interpretation

The area prospected and soil sampled is covered by glacial till. A linear (now dry) stream goes through B+675SE - B+750SE at an angle of 18-20° and heads towards a low flat area with no trees. This area is shown in Figure 5 and is the location of silt samples WS1 and WS2.

Geology in the claims area is Unit 8: paleozoic intermediate to felsic volcanics and associated *marine carbonates and clastics*. (see Figure 3: Geology Map / Claim Area)

Geology to the northeast of the claims area is Unit 1: plutonic ultramafic rocks and the boundary is unknown.

An anomalous gold zone from A+900SE to C+75SE is present. It averages 131 ppb Au in 15 samples over a distance of 2,025 feet. The association is Au ±Cr, Fe, Mn, Ni. Pt series is not known. The anomalous area extends to WS1/WS2 and possibly beyond these points. The strike, width, and length of the zone has not been determined.

It is possibly a Motherlode type Au deposit or an ultramafic sill(s) or dyke(s) according to Ken Galambos (Mineral Development Geologist, Yukon Geology Program).

All 16 claims are now good to the year 2006. Future work will be to stake more claims to the northeast to cover the big flat open area that could be an extension of the zone. Also some stored, interesting soils will be tested for the Pt series. More soil samples will be done in the area.

It is possible the anomaly is up to 1500 feet wide and up to 6000 feet long (1 claim x 4 claims). Other anomalous areas may be located.

Appendix 1

References

GSC Open File 3293, NTS 105A, SE Yukon, 1996.

Geophysical Paper, Map 1352G, Hasselberg Lake, NTS 105 A/13.

New Mineral Deposit Models of the Cordillera, Short Course MDRU 1997. (Gold skarns, motherlode deposits, Carlin Type deposits, epithermal deposits).

Personal Communication;

John Kowalchuk, Geologist, NU-LITE Resources, Vancouver, BC.

Trevor Bremner, Geologist, DIAND

Watson Lake Mining Recorder

John Sinkankas., Vol. 3, p. 190, 1997, Gemstones of North America

Ross, J.P., 1997, Summary of Work Hasselberg Lake Area Yukon Territory, N.T.S. 105 A/13: for Yukon Mining Incentives Program, Economic Development, Government of the Yukon, Box 2703, Whitehorse, Yukon Y1A 2C6. File Number 97-13.

Ross, J.P., 1998, Summary of Work Hasselberg Lake Area Yukon Territory, N.T.S. 105 A/13: for Yukon Mining Incentives Program, Economic Development, Government of the Yukon, Box 2703, Whitehorse, Yukon Y1A 2C6. File Number 98-16.

YUKON Minfile 105A 034, Howard

Metallogeny of Volcanic Arcs, Cordilleran Roundup 1998 short course.

YUKON MINFILE
YUKON GEOLOGY PROGRAM
WHITEHORSE

NAME(S): Howard	NTS MAP SHEET: 105 A 13
MINFILE #: 105A 034	LATITUDE: 60°55'00"N
MAJOR COMMODITIES: -	LONGITUDE: 129°55'00"W
MINOR COMMODITIES: -	DEPOSIT TYPE: Unknown
TECTONIC ELEMENT: Yukon Tanana Terrane	STATUS: Uncertain

CLAIMS (PREVIOUS AND CURRENT)

HOWARD, TIM, CHEN, MAYLING, SEL, ITCH.

WORK HISTORY

Staked as Howard cl (YA56487) in Sep/80 by Alex Black. Restaked in Sep/86 as Tim cl (YA91552) by T. Liverton. Jiyu Chen staked a single Chen cl (YB35009) 2 km to the southeast in Aug/92, and trenched in Aug/93. S. Hearty staked the Mayling 1-5 cl (YB35306) 1 km to the east in Jan/93, performing bulldozer trenching, prospecting and road building on the claims from July to Sept/93.

In July/94 Cominco Ltd. staked the Sel cl 1-17 (YB50088) 3 km to the east and the Itch cl 1-84 (YB50151) 4 km to the northeast. In Aug/94 Cominco carried out geological mapping, prospecting and soil sampling on both claim groups.

S. Hearty staked Jasper cl 1-8 (YB60248) just north of the occurrence in Aug/95.

GEOLOGY

The rocks underlying this area have been assigned to the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT). Cominco reported generally poor outcrop exposure on the Itch claim block. The best exposure are in creeks located along the west side of the property and consist of grey to black, variably carbonaceous mudstone and silty mudstone with minor interbedded quartzite and siltstone. No outcrop exposure was noted on the Sel claim block.

Cominco staked the claims to cover airborne geophysical targets identified during a survey flown in early 1994. The results from this survey were not filed for assessment credit. Two lines of soil samples (101 samples) and 4 silt samples were collected from the Itch property. A single soil line (35 samples) was collected across the center part of the Sel property.

REFERENCES

COMINCO LTD, JUN/95. Assessment Report #093330 by P. MacRobbie.

MORTENSEN, J. K., 1983a. Age and Evolution of the Yukon-Tanana Terrane, Southeastern Yukon [Ph.D. Thesis]; Santa Barbara, University of California, 115 p.

Appendix 2

Statement of Costs

Claims: VIVI 1-2, YB89421- YB89422, VIVI 11-12, YB89431- YB89432, VIVI 19-30, YB89439- YB89450

Dates: July 23 - 31, 1998 and August 1 - 8 1998.

<u>Item</u>	<u>Details</u>	<u>Amount and Unit Cost</u>	<u>Total Cost</u>
Labour	J. Peter Ross	July 23 - 31, 1998 & August 1 - 8 1998, 17 days @ \$250/day	\$4250.00
Camp Costs		17 days @ \$35.00/day	595.00
Transportation	Vehicle	990 km @ \$0.42/km	415.80
Helicopter	Trans North Air		2,583.73
Assaying	Au (30g), + ICP 32	21 rock samples @ \$18.85 ea.	395.85
	Au (30g), + ICP 32	2 silt samples @ \$16.44 ea.	32.88
	Au (30g), + ICP 32	59 soil @ \$16.44 ea.	969.99
Radio	Spilsbury SBX-11, self-owned	\$300/mon. (0.5 x 25%)	37.50
Report Preparation			640.00
		TOTAL COST	\$9,920.75

Nine thousand nine hundred and twenty dollars and seventy-five cents (\$9,920.75), \$6,400.00 will go towards 4 years assessment work for each of 16 claims.

Appendix 3

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
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
19 OCTOBER 1999

YUKON CHAMBER OF MINES

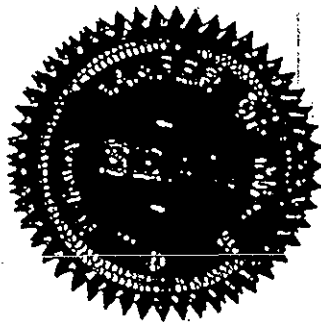
This Certifies That J. PETER ROSS

has completed the

ADVANCED PROSPECTING COURSE

Whitehorse, Yukon Territory

1987



J. Stewart
Chairman, Prospectors Course
Committee

Wayne Paul
President



YUKON CHAMBER OF MINES

This is to Certify that

Peter Ross

has Successfully Completed the

Alteration and Petrology
for Prospectors
Course

Whitehorse, Yukon Territory
May 26 to June 3, 1994

SPONSORED BY
PACIFIC SENTINEL GOLD CORP.
AND
THE CANADA/YUKON
MINERAL DEVELOPMENT AGREEMENT


Yukon Chamber of Mines


Instructor



Appendix 4

Rock 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

VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

A9828529

Comments: ATTN: RICK DIMENT

CERTIFICATE

A9828529

(OQN) - VICEROY EXPLORATION (CANADA), INC.

Project: 4340-03
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 31-AUG-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	21	Geochem ring to approx 150 mesh
226	21	0-3 Kg crush and split
3202	21	Rock - save entire reject
229	21	ICP - AQ Digestion charge

* 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	21	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	21	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	21	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	21	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	21	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	21	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	21	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	21	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	21	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	21	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	21	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	21	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	21	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	21	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	21	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	21	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	21	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	21	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	21	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	21	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	21	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	21	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	21	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	21	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	21	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	21	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	21	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	21	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	21	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	21	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	21	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	21	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	21	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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

VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

Project : 4340-03
 Comments: ATTN: RICK DIMENT

Page : 1-A
 Total : 1
 Certificate Date: 31-AUG-1998
 Invoice No. : 19828529
 P.O. Number :
 Account : OQN

CERTIFICATE OF ANALYSIS A9828529

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
WL 2	205	226	15	< 0.2	0.24	38	10	1.5	< 2	0.01	< 0.5	45	1120	9	2.54	< 10	< 10	< 0.01	< 10	2.82	245
WL 3	205	226	< 5	< 0.2	0.17	34	20	0.5	< 2	< 0.01	< 0.5	28	525	4	2.97	< 10	< 10	< 0.01	< 10	2.94	260
WL 4	205	226	< 5	< 0.2	0.13	10	10	0.5	< 2	< 0.01	< 0.5	18	382	7	1.37	< 10	< 10	< 0.01	< 10	1.63	250
WL 5	205	226	70	< 0.2	0.13	40	10	< 0.5	< 2	0.01	< 0.5	24	578	2	2.23	< 10	< 10	< 0.01	< 10	2.21	375
WL 6	205	226	< 5	< 0.2	0.34	20	10	0.5	< 2	< 0.01	< 0.5	59	928	4	3.61	< 10	< 10	< 0.01	< 10	9.42	300
WL 7	205	226	< 10	< 0.2	0.28	8	160	< 0.5	< 2	0.03	< 0.5	41	1145	< 1	3.18	< 10	< 10	< 0.01	< 10	3.70	1830
WL 8	205	226	< 5	< 0.2	0.24	6	90	< 0.5	< 2	0.03	< 0.5	38	1105	< 1	2.89	< 10	< 10	< 0.01	< 10	3.45	1420
WL 9	205	226	10	< 0.2	0.28	< 2	40	< 0.5	< 2	0.03	< 0.5	38	1210	< 1	3.72	< 10	< 10	< 0.01	< 10	3.82	895
WL 10	205	226	< 5	< 0.2	0.16	6	40	< 0.5	< 2	0.04	< 0.5	50	941	< 1	3.83	< 10	< 10	< 0.01	< 10	5.44	1160
WL 11	205	226	< 5	< 0.2	0.30	8	80	< 0.5	< 2	0.03	< 0.5	59	966	5	4.82	< 10	< 10	< 0.01	< 10	4.15	1545
WL 12	205	226	55	< 0.2	0.12	< 2	10	< 0.5	< 2	0.01	< 0.5	29	1200	4	4.19	< 10	< 10	< 0.01	< 10	1.66	395
WL 13	205	226	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	0.03	< 0.5	36	1520	1	4.17	< 10	< 10	< 0.01	< 10	5.08	520
WL 14	205	226	45	< 0.2	0.06	< 2	90	< 0.5	< 2	< 0.01	< 0.5	20	187	2	0.76	< 10	< 10	< 0.01	< 10	0.31	760
WL 15	205	226	< 5	< 0.2	0.36	24	40	0.5	< 2	0.01	< 0.5	49	788	3	2.55	< 10	< 10	< 0.01	< 10	3.51	605
WL 15A	205	226	< 5	< 0.2	0.23	14	10	< 0.5	< 2	< 0.01	< 0.5	34	530	9	2.00	< 10	< 10	< 0.01	< 10	2.56	445
WL 15B	205	226	< 5	< 0.2	0.06	< 2	10	< 0.5	< 2	< 0.01	< 0.5	8	89	3	0.36	< 10	< 10	< 0.01	< 10	0.30	220
WL 16	205	226	< 5	< 0.2	0.17	32	20	< 0.5	< 2	< 0.01	< 0.5	22	471	3	2.79	< 10	< 10	< 0.01	< 10	1.74	325
WL 17	205	226	< 5	< 0.2	0.27	20	40	0.5	< 2	< 0.01	< 0.5	58	1080	5	2.85	< 10	< 10	< 0.01	< 10	4.74	800
WL 18	205	226	< 5	< 0.2	0.04	2	10	< 0.5	< 2	0.02	< 0.5	7	161	2	0.29	< 10	< 10	< 0.01	< 10	0.22	135
WL 19	205	226	< 5	< 0.2	0.05	< 2	30	< 0.5	< 2	< 0.01	< 0.5	7	170	2	0.37	< 10	< 10	< 0.01	< 10	0.27	265
WL 20	205	226	< 5	< 0.2	0.12	10	50	0.5	< 2	0.04	< 0.5	41	433	1	3.01	< 10	< 10	< 0.01	< 10	7.76	1220

CERTIFICATION: *Hartfickler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

Project: 4340-03
 Comments: ATTN: RICK DIMENT

Page : 1-B
 Total : 1
 Certificate Date: 31-AUG-1998
 Invoice No. : 19828529
 P.O. Number :
 Account : OQN

CERTIFICATE OF ANALYSIS A9828529

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
WL 2	205 226	< 1	< 0.01	795	60	16	< 2	4	< 1	< 0.01	< 10	< 10	16	< 10	42
WL 3	205 226	1	< 0.01	455	30	6	< 2	2	< 1	< 0.01	< 10	< 10	11	< 10	16
WL 4	205 226	1	< 0.01	333	20	8	< 2	1	< 1	< 0.01	< 10	< 10	6	< 10	12
WL 5	205 226	< 1	< 0.01	288	40	< 2	< 2	5	< 1	< 0.01	< 10	< 10	4	< 10	16
WL 6	205 226	< 1	< 0.01	1085	10	2	2	6	< 1	< 0.01	< 10	< 10	25	< 10	32
WL 7	205 226	< 1	< 0.01	368	90	2	< 2	4	< 1	< 0.01	< 10	< 10	16	< 10	64
WL 8	205 226	< 1	< 0.01	330	100	2	< 2	6	< 1	< 0.01	< 10	< 10	13	< 10	40
WL 9	205 226	< 1	< 0.01	332	50	2	< 2	7	< 1	< 0.01	< 10	< 10	22	< 10	24
WL 10	205 226	< 1	< 0.01	370	70	4	2	8	1	< 0.01	< 10	< 10	18	< 10	58
WL 11	205 226	< 1	< 0.01	357	90	6	< 2	6	1	< 0.01	< 10	< 10	27	< 10	100
WL 12	205 226	< 1	< 0.01	272	20	< 2	< 2	4	< 1	< 0.01	< 10	< 10	38	< 10	16
WL 13	205 226	< 1	< 0.01	444	10	< 2	< 2	2	< 1	< 0.01	< 10	< 10	23	< 10	8
WL 14	205 226	1	< 0.01	117	30	2	< 2	< 1	< 1	< 0.01	< 10	< 10	5	< 10	8
WL 15	205 226	< 1	< 0.01	666	50	< 2	< 2	5	1	< 0.01	< 10	< 10	19	< 10	24
WL 15A	205 226	< 1	< 0.01	585	40	< 2	< 2	3	< 1	< 0.01	< 10	< 10	16	< 10	16
WL 15B	205 226	< 1	< 0.01	148	10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	8
WL 16	205 226	3	< 0.01	439	50	< 2	< 2	1	< 1	< 0.01	< 10	< 10	12	< 10	18
WL 17	205 226	< 1	< 0.01	877	50	< 2	< 2	5	< 1	< 0.01	< 10	< 10	17	< 10	40
WL 18	205 226	3	< 0.01	87	10	< 2	2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	8
WL 19	205 226	< 1	< 0.01	87	20	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	8
WL 20	205 226	< 1	< 0.01	402	60	2	< 2	3	1	< 0.01	< 10	< 10	9	< 10	22

CERTIFICATION:

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Appendix 5

Rock Sample Descriptions

(all samples are float)

<u>Sample Number</u>	<u>Description</u>
WL2	felsic volcanics + chalcedony stringers
WL3	greenish quartz with sulphide stringers
WL4	large angular complex rock
WL5	similar to WL2
WL6	felsic volcanics, large chalcedony vein + chalcedony stringers
WL7	felsic volcanics with Mn stain and sulphides
WL8	similar to WL7
WL9	similar to WL7
WL10	felsic volcanics + sulphides
WL11	similar to WL10
WL14	very strange quartz, many holes and some sulphides
WL15	large rock, nice sulphides, few as chunks in a small area
WL15a	large rock, nice sulphides, few as chunks in a small area
WL15b	large rock, nice sulphides, few as chunks in a small area
WL16	interesting quartz, with holes and sulphides (brown and orange)
WL17	felsic volcanics + chalcedony stringers
WL18	interesting quartz - white, with holes and almost no sulphides
WL19	interesting quartz, blue and white zones, orange and brown zones
WL20	felsic volcanics and crumbly blue zones

Appendix 6

Silt Geochemistry - Assay Results



Chemex Labs Ltd.

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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

A9828520

Comments: ATTN: RICK DIMENT

CERTIFICATE

A9828520

(OQN) - VICEROY EXPLORATION (CANADA), INC.

Project: 4340-03
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 29-AUG-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	2	Dry, sieve to -80 mesh
202	2	save reject
229	2	ICP - AQ Digestion charge

* 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	2	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
100	0	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	2	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	2	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	2	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	2	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	2	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	2	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	2	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	2	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	2	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	2	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	2	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	2	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	2	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	2	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	2	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	2	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	2	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	2	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	2	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	2	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	2	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	2	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	2	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	2	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	2	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	2	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	2	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	2	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	2	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	2	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	2	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	2	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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VICEROY EXPLORATION (CANADA), INC

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 WHITEHORSE, YT
 Y1A 4L2

Project: 4340-03
 Comments: ATTN: RICK DIMENT

Page 1 : 1-A
 Total f : 1
 Certificate Date: 29-AUG-1998
 Invoice No. : 19828520
 P.O. Number :
 Account : OQN

CERTIFICATE OF ANALYSIS

A9828520

SAMPLE	PREP CODE		Au ppb	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Eg	K	La	Mg
	FA+AA	FA+AA	FA+AA	FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
WS-1	201	202	< 5	-----	< 0.2	1.40	18	290	< 0.5	< 2	0.16	1.0	95	619	15	4.55	< 10	40	0.05	< 10	1.99
WS-2	201	202	300	-----	< 0.2	1.29	28	110	< 0.5	< 2	0.15	< 0.5	35	1065	14	4.94	< 10	20	0.04	< 10	2.27

CERTIFICATION: Hart Richler



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VICEROY EXPLORATION (CANADA), INC

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CERTIFICATE OF ANALYSIS A9828520

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
MS-1	201	202	5340	< 1	0.01	519	1480	8	< 2	1	16	0.01	< 10	< 10	43	< 10	136
MS-2	201	202	930	< 1	0.01	532	940	6	< 2	4	12	0.03	< 10	< 10	47	< 10	120

CERTIFICATION: H. W. D.

Appendix 7

Soil Geochemistry - Assay Results



Chemex Labs Ltd.

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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

A9828522

Comments: ATTN: RICK DIMENT

CERTIFICATE **A9828522**

(QQN) - VICEROY EXPLORATION (CANADA), INC.

Project: 4340-03

P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 29-AUG-1998.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	59	Dry, sieve to -80 mesh
202	59	save reject
229	59	ICP - AQ Digestion charge

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	59	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
100	0	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	59	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	59	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	59	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	59	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	59	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	59	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	59	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	59	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	59	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	59	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	59	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	59	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	59	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	59	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	59	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	59	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	59	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	59	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	59	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	59	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	59	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	59	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	59	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	59	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	59	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	59	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	59	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	59	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	59	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	59	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	59	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	59	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Project : 4340-03
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Page 1 : 1-A
Total : 2
Certificate Date: 29-AUG-1998
Invoice No. : 19828522
P.O. Number :
Account : OQN

CERTIFICATE OF ANALYSIS

A9828522

SAMPLE	PREP CODE		Au ppb	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
			FA+AA	FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
A	201	202	< 5	-----	< 0.2	3.32	12	80	< 0.5	< 2	0.22	< 0.5	24	244	52	3.88	< 10	10	0.15	< 10	1.66
A+150SE	201	202	< 5	-----	< 0.2	2.36	8	60	< 0.5	< 2	0.14	< 0.5	17	271	29	3.82	< 10	< 10	0.07	< 10	1.15
A+300SE	201	202	< 5	-----	< 0.2	2.60	6	70	< 0.5	2	0.18	< 0.5	23	345	33	4.45	< 10	10	0.07	< 10	1.46
A+450SE	201	202	< 5	-----	< 0.2	1.05	8	40	< 0.5	< 2	0.09	< 0.5	33	1270	22	4.57	< 10	10	0.03	< 10	1.29
A+600SE	201	202	< 5	-----	< 0.2	1.37	6	60	< 0.5	< 2	0.15	< 0.5	19	377	14	3.58	< 10	< 10	0.04	10	1.41
A+750SE	201	202	< 5	-----	< 0.2	1.20	10	50	< 0.5	< 2	0.07	< 0.5	34	963	9	4.67	< 10	< 10	0.03	< 10	1.03
A+900SE	201	202	105	-----	< 0.2	0.93	6	40	< 0.5	< 2	0.05	< 0.5	32	855	9	3.57	< 10	< 10	0.02	< 10	1.18
A+1050SE	201	202	175	-----	< 0.2	1.24	8	60	< 0.5	< 2	0.08	< 0.5	53	1135	13	6.12	< 10	< 10	0.03	< 10	1.38
A+1200SE	201	202	20	-----	< 0.2	1.74	18	100	0.5	< 2	0.06	< 0.5	39	508	10	5.04	< 10	10	0.06	10	1.02
A+1350SE	201	202	10	-----	< 0.2	1.61	40	120	0.5	< 2	0.08	< 0.5	82	848	18	7.30	< 10	< 10	0.04	10	2.28
B	201	202	80	-----	< 0.2	1.41	20	90	< 0.5	< 2	0.09	< 0.5	45	640	11	4.95	< 10	10	0.04	10	1.34
B+150SE	201	202	125	-----	< 0.2	1.03	22	70	< 0.5	< 2	0.08	< 0.5	37	683	10	4.04	< 10	< 10	0.04	10	1.00
B+300SE	201	202	50	-----	< 0.2	1.09	8	80	< 0.5	< 2	0.09	< 0.5	53	846	19	5.78	< 10	< 10	0.05	10	1.55
B+450SE	201	202	10	-----	< 0.2	1.50	10	80	< 0.5	< 2	0.11	< 0.5	24	495	13	3.86	< 10	< 10	0.05	10	0.90
B+600SE	201	202	755	-----	< 0.2	1.71	88	130	0.5	< 2	0.07	< 0.5	130	1215	20	12.05	< 10	30	0.04	< 10	1.77
B+750SE	201	202	105	-----	< 0.2	1.20	88	90	< 0.5	< 2	0.08	< 0.5	37	687	15	4.98	< 10	< 10	0.04	10	1.04
B+900SE	201	202	70	-----	< 0.2	1.13	36	50	< 0.5	< 2	0.08	< 0.5	29	632	12	3.90	< 10	< 10	0.03	10	0.78
B+1050SE	201	202	< 5	-----	< 0.2	1.22	4	60	< 0.5	< 2	0.09	< 0.5	15	547	8	2.85	< 10	< 10	0.04	10	0.82
B+1200SE	201	202	400	-----	< 0.2	1.18	6	60	< 0.5	< 2	0.10	< 0.5	13	515	6	2.42	< 10	< 10	0.03	10	0.93
B+1350SE	201	202	< 5	-----	< 0.2	1.74	14	70	< 0.5	< 2	0.14	< 0.5	20	613	24	3.17	< 10	< 10	0.03	10	1.55
C	201	202	60	-----	< 0.2	1.97	8	70	< 0.5	< 2	0.09	< 0.5	13	248	20	2.73	< 10	< 10	0.04	10	0.91
C+225SE	201	202	< 5	-----	< 0.2	2.70	6	60	< 0.5	< 2	0.09	< 0.5	18	199	117	3.16	< 10	< 10	0.04	10	1.45
C+375SE	201	202	< 5	-----	< 0.2	2.53	< 2	70	< 0.5	< 2	0.09	< 0.5	14	163	45	2.80	< 10	< 10	0.04	10	1.15
C+525SE	201	202	< 5	-----	< 0.2	2.11	2	110	< 0.5	< 2	0.16	< 0.5	15	157	34	2.79	< 10	< 10	0.05	10	1.27
C+675SE	201	202	< 5	-----	< 0.2	2.21	< 2	70	< 0.5	< 2	0.15	< 0.5	14	184	40	2.92	< 10	10	0.04	10	1.17
C+825SE	201	202	< 5	-----	< 0.2	1.93	4	80	< 0.5	< 2	0.21	< 0.5	20	343	46	3.04	< 10	< 10	0.02	10	1.78
C+975SE	201	202	< 5	-----	< 0.2	1.86	8	80	< 0.5	< 2	0.15	< 0.5	19	277	37	2.70	< 10	< 10	0.03	10	1.47
C+1125SE	201	202	< 5	-----	< 0.2	1.97	8	50	< 0.5	< 2	0.09	< 0.5	9	164	18	1.89	< 10	< 10	0.03	10	0.79
C+1275SE	201	202	< 5	-----	< 0.2	2.09	8	70	< 0.5	< 2	0.11	< 0.5	13	219	29	2.52	< 10	10	0.03	10	1.08
D	201	202	5	-----	< 0.2	3.75	8	120	< 0.5	< 2	0.11	< 0.5	12	198	52	3.01	< 10	< 10	0.05	10	1.02
D+150SE	201	202	< 5	-----	< 0.2	1.92	12	90	< 0.5	< 2	0.17	< 0.5	13	216	34	2.33	< 10	< 10	0.03	10	1.23
D+300SE	201	202	< 5	-----	< 0.2	2.23	< 2	70	< 0.5	< 2	0.10	< 0.5	7	128	17	1.68	< 10	< 10	0.04	20	0.63
D+450SE	201	202	< 5	-----	< 0.2	2.36	2	100	< 0.5	< 2	0.16	< 0.5	15	212	30	2.71	< 10	10	0.05	20	1.12
D+600SE	201	202	< 5	-----	< 0.2	2.56	10	90	< 0.5	< 2	0.11	< 0.5	8	131	18	2.30	< 10	20	0.06	20	0.65
D+750SE	201	202	< 5	-----	< 0.2	1.60	< 2	80	< 0.5	< 2	0.13	< 0.5	18	339	27	2.51	< 10	< 10	0.02	10	1.40
D+900SE	201	202	< 5	-----	< 0.2	2.47	< 2	70	< 0.5	< 2	0.11	< 0.5	10	158	19	2.52	< 10	< 10	0.04	10	0.68
D+1050SE	201	202	15	-----	< 0.2	2.04	10	80	< 0.5	< 2	0.12	< 0.5	23	372	27	2.92	< 10	10	0.03	10	1.33
D+1200SE	201	202	5	-----	< 0.2	1.86	6	60	< 0.5	< 2	0.07	< 0.5	9	205	13	2.19	< 10	10	0.03	10	0.70
D+1350SE	201	202	< 5	-----	< 0.2	1.36	2	100	< 0.5	< 2	0.14	< 0.5	17	257	19	2.43	< 10	< 10	0.03	20	1.04
E+758	201	202	< 5	-----	< 0.2	1.75	10	70	< 0.5	< 2	0.09	< 0.5	10	195	15	2.19	< 10	20	0.04	10	0.62

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

Project : 4340-03
 Comments : ATTN: RICK DIMENT

Page : 1-B
 Total : 2
 Certificate Date: 29-AUG-1998
 Invoice No. : I9828522
 P.O. Number :
 Account : OQN

CERTIFICATE OF ANALYSIS

A9828522

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A	201 202	295	< 1	0.03	134	290	4	< 2	8	6	0.14	< 10	< 10	95	< 10	66
A+150SE	201 202	245	< 1	0.01	131	280	10	< 2	6	7	0.12	< 10	< 10	82	< 10	64
A+300SE	201 202	305	< 1	0.02	199	300	6	< 2	7	6	0.15	< 10	< 10	82	< 10	70
A+450SE	201 202	455	< 1	< 0.01	470	240	< 2	< 2	9	5	0.04	< 10	< 10	43	< 10	36
A+600SE	201 202	325	< 1	< 0.01	185	260	6	< 2	5	9	0.10	< 10	< 10	51	< 10	56
A+750SE	201 202	550	< 1	< 0.01	363	270	2	< 2	7	5	0.04	< 10	< 10	38	< 10	36
A+900SE	201 202	550	< 1	< 0.01	376	210	< 2	< 2	6	4	0.04	< 10	< 10	29	< 10	28
A+1050SE	201 202	1135	< 1	< 0.01	470	350	2	< 2	11	5	0.05	< 10	< 10	46	< 10	44
A+1200SE	201 202	1215	< 1	< 0.01	266	550	12	< 2	9	8	0.04	< 10	< 10	43	< 10	62
A+1350SE	201 202	2620	< 1	< 0.01	488	550	6	< 2	12	8	0.04	< 10	< 10	50	< 10	64
B	201 202	1225	< 1	< 0.01	315	400	8	< 2	9	8	0.05	< 10	< 10	45	< 10	56
B+150SE	201 202	820	< 1	< 0.01	321	230	2	< 2	7	7	0.04	< 10	< 10	33	< 10	42
B+300SE	201 202	1185	< 1	< 0.01	313	480	6	< 2	10	7	0.04	< 10	< 10	42	< 10	46
B+450SE	201 202	410	< 1	< 0.01	212	310	8	< 2	6	9	0.07	< 10	< 10	45	< 10	56
B+600SE	201 202	3590	< 1	< 0.01	624	1020	2	< 2	16	6	0.04	< 10	< 10	54	< 10	134
B+750SE	201 202	915	< 1	< 0.01	424	350	4	< 2	9	8	0.04	< 10	< 10	35	< 10	52
B+900SE	201 202	530	< 1	< 0.01	356	280	4	< 2	6	7	0.05	< 10	< 10	34	< 10	54
B+1050SE	201 202	210	< 1	< 0.01	167	180	6	< 2	4	9	0.06	< 10	< 10	37	< 10	48
B+1200SE	201 202	185	< 1	< 0.01	152	150	2	< 2	4	9	0.05	< 10	< 10	42	< 10	40
B+1350SE	201 202	305	< 1	0.01	186	140	4	< 2	6	9	0.04	< 10	< 10	72	< 10	46
C	201 202	145	< 1	< 0.01	91	210	4	< 2	4	9	0.05	< 10	< 10	64	< 10	50
C+225SE	201 202	230	< 1	< 0.01	80	190	2	< 2	5	7	0.05	< 10	< 10	72	< 10	48
C+375SE	201 202	225	< 1	< 0.01	71	230	6	< 2	4	9	0.05	< 10	< 10	57	< 10	48
C+525SE	201 202	300	< 1	< 0.01	80	240	2	< 2	5	12	0.07	< 10	< 10	58	< 10	54
C+675SE	201 202	245	< 1	< 0.01	99	280	6	< 2	4	11	0.07	< 10	< 10	58	< 10	58
C+825SE	201 202	340	< 1	< 0.01	183	140	2	< 2	6	10	0.08	< 10	< 10	67	< 10	42
C+975SE	201 202	295	< 1	< 0.01	155	160	2	< 2	5	10	0.06	< 10	< 10	55	< 10	46
C+1125SE	201 202	125	< 1	< 0.01	70	200	6	< 2	3	8	0.05	< 10	< 10	44	< 10	32
C+1275SE	201 202	235	< 1	< 0.01	114	180	6	< 2	4	9	0.05	< 10	< 10	48	< 10	46
D	201 202	180	< 1	< 0.01	154	380	6	< 2	5	10	0.06	< 10	< 10	58	< 10	56
D+150SE	201 202	210	< 1	< 0.01	103	100	2	< 2	4	12	0.07	< 10	< 10	47	< 10	42
D+300SE	201 202	120	< 1	< 0.01	51	320	6	< 2	1	11	0.04	< 10	< 10	40	< 10	34
D+450SE	201 202	255	< 1	< 0.01	113	210	6	< 2	5	13	0.07	< 10	< 10	49	< 10	56
D+600SE	201 202	160	< 1	< 0.01	65	310	6	< 2	3	11	0.05	< 10	< 10	43	< 10	50
D+750SE	201 202	265	< 1	< 0.01	219	110	4	< 2	4	10	0.06	< 10	< 10	40	< 10	40
D+900SE	201 202	170	< 1	< 0.01	90	440	6	< 2	3	9	0.04	< 10	< 10	35	< 10	60
D+1050SE	201 202	300	< 1	< 0.01	252	230	6	< 2	4	10	0.05	< 10	< 10	43	< 10	52
D+1200SE	201 202	145	< 1	< 0.01	99	250	2	< 2	3	7	0.04	< 10	< 10	34	< 10	42
D+1350SE	201 202	275	< 1	< 0.01	177	140	4	< 2	3	12	0.06	< 10	< 10	35	< 10	46
E+75SE	201 202	160	< 1	< 0.01	104	230	6	< 2	3	8	0.05	< 10	< 10	39	< 10	44

CERTIFICATION: *Hart Kichler*



Chemex Labs Ltd.

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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
 WHITEHORSE, YT
 Y1A 4L2

Project : 4340-03
 Comments: ATTN: RICK DIMENT

Page 1 :2-A
 Total :2
 Certificate Date: 29-AUG-1998
 Invoice No. :19828522
 P.O. Number :
 Account :OQN

CERTIFICATE OF ANALYSIS

A9828522

SAMPLE	PREP CODE		Au ppb	Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
	FA+AA	FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
E+225S	201	202	< 5	-----	< 0.2	1.22	4	110	< 0.5	< 2	0.17	< 0.5	20	340	15	2.64	< 10	< 10	0.04	20	1.43
E+375S	201	202	10	-----	< 0.2	1.38	6	80	< 0.5	< 2	0.11	< 0.5	15	289	11	2.20	< 10	< 10	0.03	10	1.30
E+525S	201	202	< 5	-----	< 0.2	1.97	8	90	< 0.5	< 2	0.10	< 0.5	13	256	13	3.05	< 10	10	0.05	20	1.07
E+675S	201	202	< 5	-----	< 0.2	2.15	8	110	< 0.5	< 2	0.12	< 0.5	18	139	16	2.80	< 10	10	0.07	20	0.83
E+825S	201	202	< 5	-----	< 0.2	2.23	6	100	< 0.5	< 2	0.14	< 0.5	16	202	17	3.96	< 10	30	0.06	10	0.97
E+975S	201	202	5	-----	< 0.2	1.44	6	130	< 0.5	< 2	0.16	< 0.5	18	348	21	2.73	< 10	< 10	0.03	30	1.44
E+1125S	201	202	40	-----	< 0.2	2.05	4	90	< 0.5	< 2	0.11	< 0.5	14	214	16	2.43	< 10	10	0.05	10	1.04
E+1275S	201	202	< 5	-----	< 0.2	1.37	8	80	< 0.5	< 2	0.11	< 0.5	16	274	19	2.18	< 10	< 10	0.02	10	1.19
E+1425S	201	202	< 5	-----	< 0.2	1.33	6	80	< 0.5	< 2	0.12	< 0.5	21	355	22	2.51	< 10	< 10	0.02	10	1.44
E+1575S	201	202	< 5	-----	< 0.2	1.38	4	70	< 0.5	< 2	0.09	< 0.5	9	197	10	1.79	< 10	< 10	0.03	10	0.85
E+1725S	201	202	< 5	-----	< 0.2	1.41	8	90	< 0.5	< 2	0.13	< 0.5	17	248	23	2.32	< 10	< 10	0.03	10	1.17
E+1875S	201	202	< 5	-----	< 0.2	1.29	2	90	< 0.5	< 2	0.16	< 0.5	21	377	29	2.63	< 10	< 10	0.03	10	1.55
E+2025S	201	202	< 5	-----	< 0.2	1.57	2	50	< 0.5	< 2	0.10	< 0.5	9	192	29	1.83	< 10	< 10	0.03	10	0.96
E+2175S	201	202	< 5	-----	< 0.2	2.55	10	80	< 0.5	< 2	0.12	< 0.5	21	331	75	2.84	< 10	10	0.04	10	2.05
E+2325S	201	202	< 5	-----	< 0.2	2.01	< 2	50	< 0.5	< 2	0.10	< 0.5	16	281	52	2.35	< 10	< 10	0.02	10	1.80
E+2475S	201	202	< 5	-----	< 0.2	3.47	6	100	< 0.5	< 2	0.07	< 0.5	12	241	95	2.84	< 10	20	0.05	10	1.35
E+2625S	201	202	< 5	-----	< 0.2	2.73	8	80	< 0.5	< 2	0.10	< 0.5	11	166	65	2.25	< 10	10	0.03	10	1.13
E+2775S	201	202	< 5	-----	< 0.2	4.16	6	130	< 0.5	< 2	0.11	< 0.5	19	322	172	2.99	< 10	20	0.03	< 10	2.15
E+2925S	201	202	5	-----	< 0.2	3.17	< 2	80	< 0.5	< 2	0.11	< 0.5	12	174	53	2.51	< 10	20	0.05	10	1.31

CERTIFICATION:

Hartley



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VICEROY EXPLORATION (CANADA), INC

20 MACDONALD RD.
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 Y1A 4L2

Project: 4340-03
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Page 1 : 2-8
 Total 1 : 2
 Certificate Date: 29-AUG-1998
 Invoice No. : I9828522
 P.O. Number :
 Account : OQN

CERTIFICATE OF ANALYSIS

A9828522

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
E+225S	201	202	305	< 1	< 0.01	249	160	6	< 2	3	15	0.06	< 10	< 10	35	< 10	48
E+375S	201	202	215	< 1	< 0.01	192	150	8	< 2	3	11	0.05	< 10	< 10	36	< 10	42
E+525S	201	202	225	< 1	< 0.01	141	250	4	< 2	3	11	0.06	< 10	< 10	46	< 10	68
E+675S	201	202	235	< 1	< 0.01	164	310	8	< 2	3	12	0.05	< 10	< 10	39	< 10	76
E+825S	201	202	205	< 1	< 0.01	162	370	6	< 2	4	12	0.05	< 10	< 10	43	< 10	62
E+975S	201	202	305	< 1	< 0.01	244	120	6	< 2	4	15	0.07	< 10	< 10	40	< 10	52
E+1125S	201	202	170	< 1	< 0.01	164	310	6	< 2	3	11	0.05	< 10	< 10	40	< 10	52
E+1275S	201	202	225	< 1	< 0.01	188	140	6	< 2	3	9	0.04	< 10	< 10	34	< 10	40
E+1425S	201	202	300	< 1	< 0.01	271	120	6	< 2	3	10	0.05	< 10	< 10	35	< 10	40
E+1575S	201	202	150	< 1	< 0.01	115	170	6	< 2	2	9	0.04	< 10	< 10	33	< 10	36
E+1725S	201	202	250	< 1	< 0.01	190	130	6	< 2	3	12	0.05	< 10	< 10	35	< 10	48
E+1875S	201	202	300	< 1	< 0.01	258	150	4	< 2	3	13	0.06	< 10	< 10	39	< 10	42
E+2025S	201	202	155	< 1	< 0.01	96	190	6	< 2	3	9	0.04	< 10	< 10	34	< 10	36
E+2175S	201	202	225	< 1	< 0.01	275	200	2	< 2	4	10	0.04	< 10	< 10	44	< 10	48
E+2325S	201	202	225	< 1	< 0.01	117	60	< 2	< 2	3	8	0.05	< 10	< 10	43	< 10	40
E+2475S	201	202	170	1	< 0.01	114	230	8	< 2	4	8	0.04	< 10	< 10	59	< 10	54
E+2625S	201	202	155	< 1	< 0.01	78	290	2	< 2	3	8	0.04	< 10	< 10	41	< 10	42
E+2775S	201	202	210	< 1	0.01	164	220	< 2	< 2	5	6	0.05	< 10	< 10	62	< 10	46
E+2925S	201	202	205	< 1	< 0.01	78	290	8	< 2	5	9	0.05	< 10	< 10	51	< 10	48

CERTIFICATION: *Hartke*