

**REPORT ON THE 1997 WORK PROGRAM**

**MEL CLAIMS 1 - 42**

**WATSON LAKE MINING DISTRICT, YUKON**

**NTS 105 B/14**

**093780**

for

**Yukon Yellow Metal Exploration Ltd.**

by

**Larry W. Carlyle, F.G.A.C., P. Geol.**

Whitehorse, Yukon

November, 1997

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 21,750.00.

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

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## **INTRODUCTION:**

The Mel Lin property has had both a long placer mining history as well as an extensive hard rock exploration history. This report has been prepared to describe property visits made on May 10, 1997 and on September 26, 1997.

### **Placer History:**

The Mel Lin property is held under Discovery Placer Claim P23784. The claim covers Shootamook Creek and two of its tributaries, known locally as Red and Matt Creeks. Red Creek runs from the west into Shootamook Creek and Matt Creek runs from the east into Shootamook Creek. Shootamook Creek flows northward in the area of the tributaries. The confluence of Matt and Shootamook Creeks is slightly upstream from that of Red Creek (See Property Geology Plan).

The property was apparently first placer mined by Chief Billy Smith of the Tagish Band in the early 1930's. Hand stacked rocks located on both Red and Matt Creeks, as well as flumes, sluice boxes, and two cabins located on Matt Creek are evidence of his work. Mel Holloway has recently excavated an old shaft near where the cabins had been before their destruction during a forest fire in 1991. The shaft probably represents work done by Wolf MacKinnon in about 1945. At the time of the writer's visit to the property on May 10, 1997, only 20 feet of the shaft had been opened. On the September 26<sup>th</sup> visit the full depth of the shaft had been determined. Bedrock had been located at a depth of 40 feet. A test of the gravels at the bottom of the shaft returned gold values of less than \$2.00/yd<sup>3</sup>.

The assumption is that the old-timers had mined all the gold at this location. The onset of winter prevented further testing; however, it is planned to widen the excavation toward Matt Creek (toward the north) and test this area.

### **Hard Rock History:**

While using a floating dredge at the confluence of Shootamook and Matt Creeks in 1987, Mel Holloway exposed a mineralized, hydrothermal structure which he named the "Winnie" (See Property Geology Plan). The showing was optioned to Total Erickson during 1987 and 1988. This company established a 10 person camp and drilled six diamond drill holes into the showing. The option was terminated when the tax advantages of flow-through share exploration expenditures were eliminated.

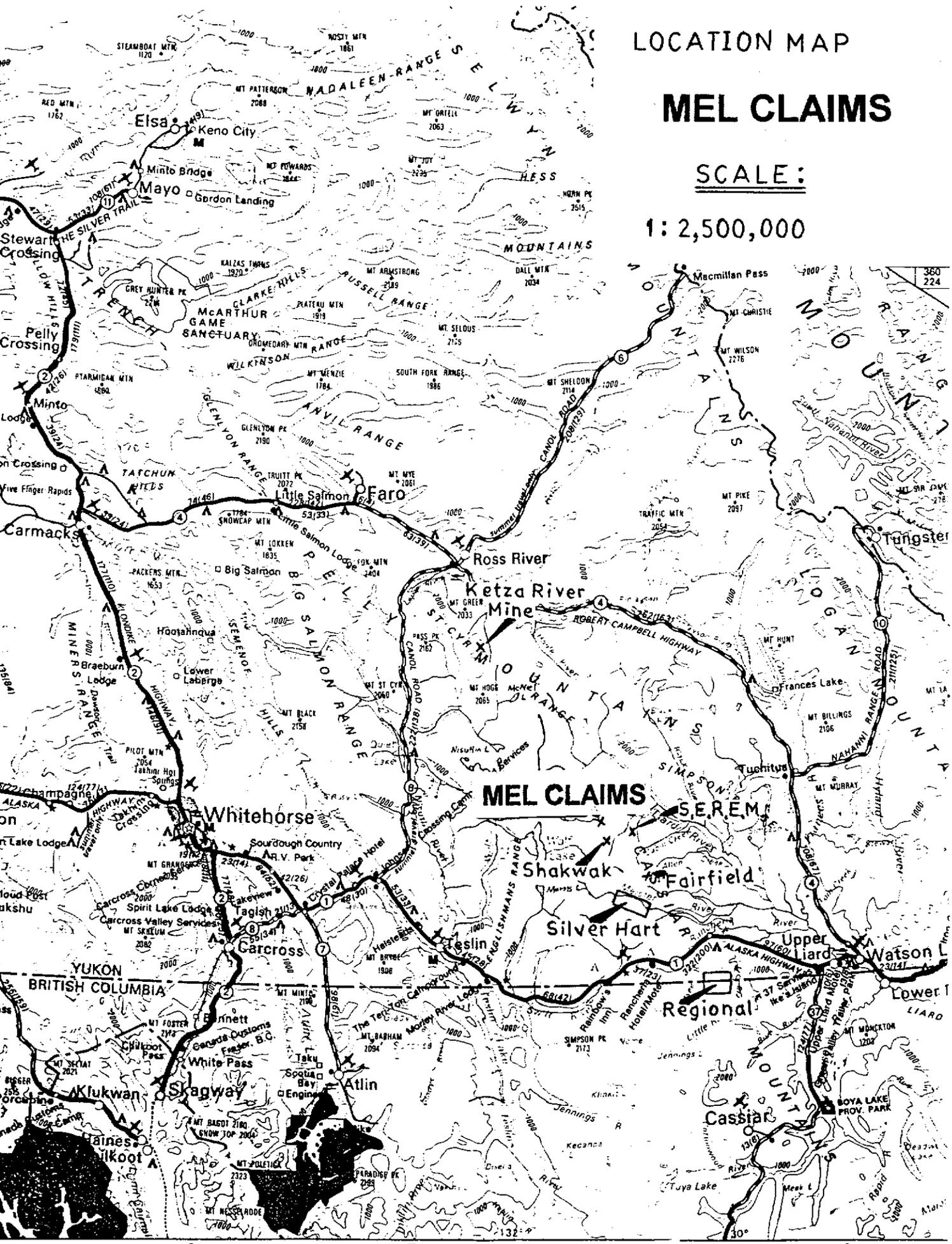
The property was then optioned to Oropex Minerals from 1988 to 1990. During this period, some regional geological work such as stream sediment sampling was done. As well geochemical soil sampling and geophysical VLF-EM surveys were done in the area of the "Winnie". This resulted in its excavation and the excavation of several trenches on geochemical anomalies. A John Deer 350C excavator c/w 1 yd bucket and 0.25 yd hoe attachment was flown to the site to do this work and to build a short airstrip. Exploration of this hardrock showing has continued to the present with promising results from this year.

LOCATION MAP

# MEL CLAIMS

SCALE:

1:2,500,000



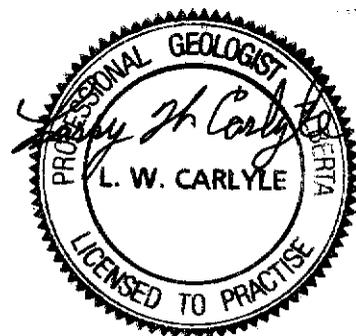
## LOCATION, ACCESS AND CLAIMS:

The property is situated on Shootamook Creek within the Watson Lake Mining District of Yukon on the Wolf Lake Map Sheet NTS 105 B/14. Shootamook Creek is a tributary of Scurvy Creek approximately 55 miles north of Rancheria Lodge situated at Mile 710 (Km 1143) of the Alaska Highway (See Mel Claims Location Map). The property has an air strip so access is by small fixed-wing aircraft.

The claims cover areas from approximately 3000 to 5000 feet (1112 to 1524 metres) above sea level. The property is on rounded, moderately to steeply sloping hills and valleys. Most of the property is covered with black spruce, pine, willow, low bush, moss and lichens. Bedrock exposures are largely confined to stream cuts and a few steep cliff faces. Bedrock exposure has been greatly improved by a 1991 forest fire which removed a great deal of the cover.

### Claim Information:

<u>CLAIM NAME</u>	<u>GRANT NUMBERS</u>	<u>EXPIRY DATE</u>
Mel 1 - 10	YB 89280 - YB 89289	May 21, 1998
Mel 11 - 42	YB 89354 - YB 89385	June 11, 1998

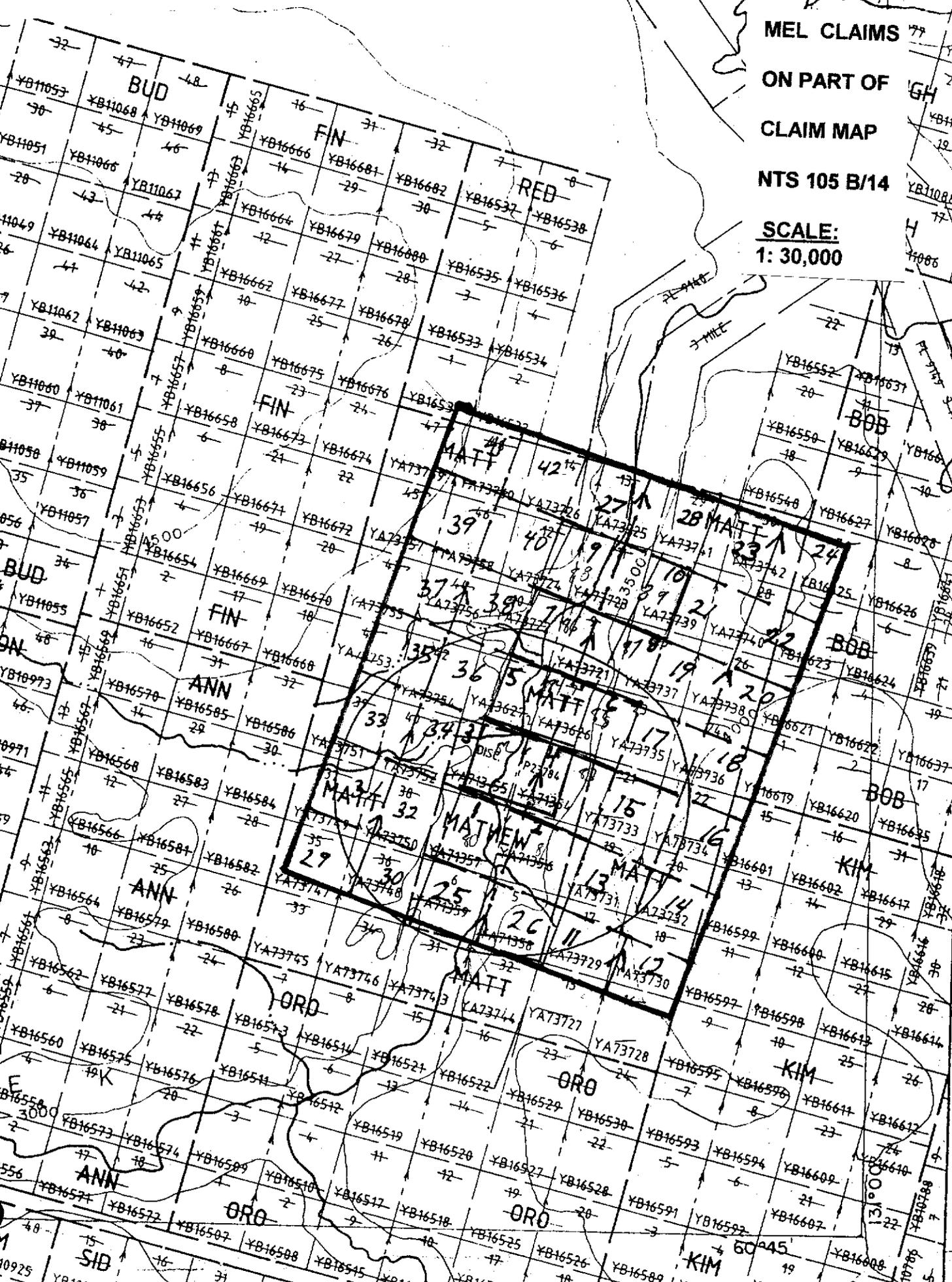


These claim data have been confirmed by a telephone call to the Watson Lake Mining Recorder's Office on October 27, 1997. All of the earlier claim groups which had existed in the area during the Total Erickson and Oropex options have lapsed. The included claim map was prepared by Mr. Holloway since DIAND

MEL CLAIMS  
ON PART OF GH  
CLAIM MAP

NTS 105 B/14

SCALE:  
1: 30,000



BUD

FIN

RED

FIN

MATT

BOB

FIN

ANN

MATT

BOB

ANN

MATHEW

KIM

ORD

MATT

ORO

KIM

ANN

ORO

ORO

KIM

SIB

KIM

drafting staff had not had the opportunity to update maps when this report was prepared.

## **REGIONAL GEOLOGY:**

The property is on the northern edge of the Jurassic and/or Cretaceous Cassiar Batholith intrusive complex and is underlain by limestones, schists, phyllites and quartzites mapped as Lower Cambrian age by Roddick, Poole and Green in 1960. These sediments have been mapped as Hadrynian by D. Murphy on the adjoining Irvine Lake Map Area (Open File 1988 - 1). Several small plugs of the intrusive have been mapped in the area of the property suggesting that the hydrothermal alteration exhibited in mineralized areas is due to their proximity to the intrusive.

Lineations seen on aerial photographs strike chiefly northwest. The lineations probably represent faults which parallel the Tintina Fault which is followed by the Liard River approximately 16 miles northeast of the property.

## **PROPERTY GEOLOGY:**

Only areas near the Winnie Showing have seen extensive work. Geological mapping done in the showing area indicates that the oldest rocks seen on the property are black to dark grey limy graphitic phyllite dipping at a low angle to the west. This phyllite is altered to sericitic phyllite and silicified sericitic phyllite in areas of faulting and hydrothermal activity. Silicified varieties of the sericitic phyllite strongly resemble a rhyolite and are frequently mapped as rhyolite. The

LEGEND

● DRILL PAD LOCATION

▲ CAMP LOCATION

■ Winnie Structure

~ FAULT

LS Limestone

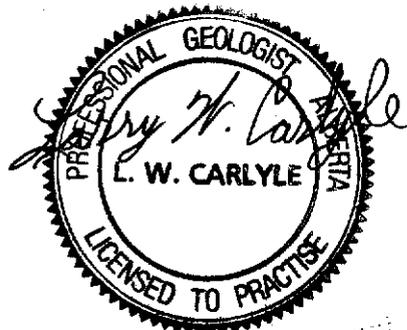
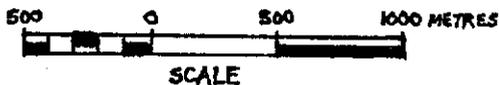
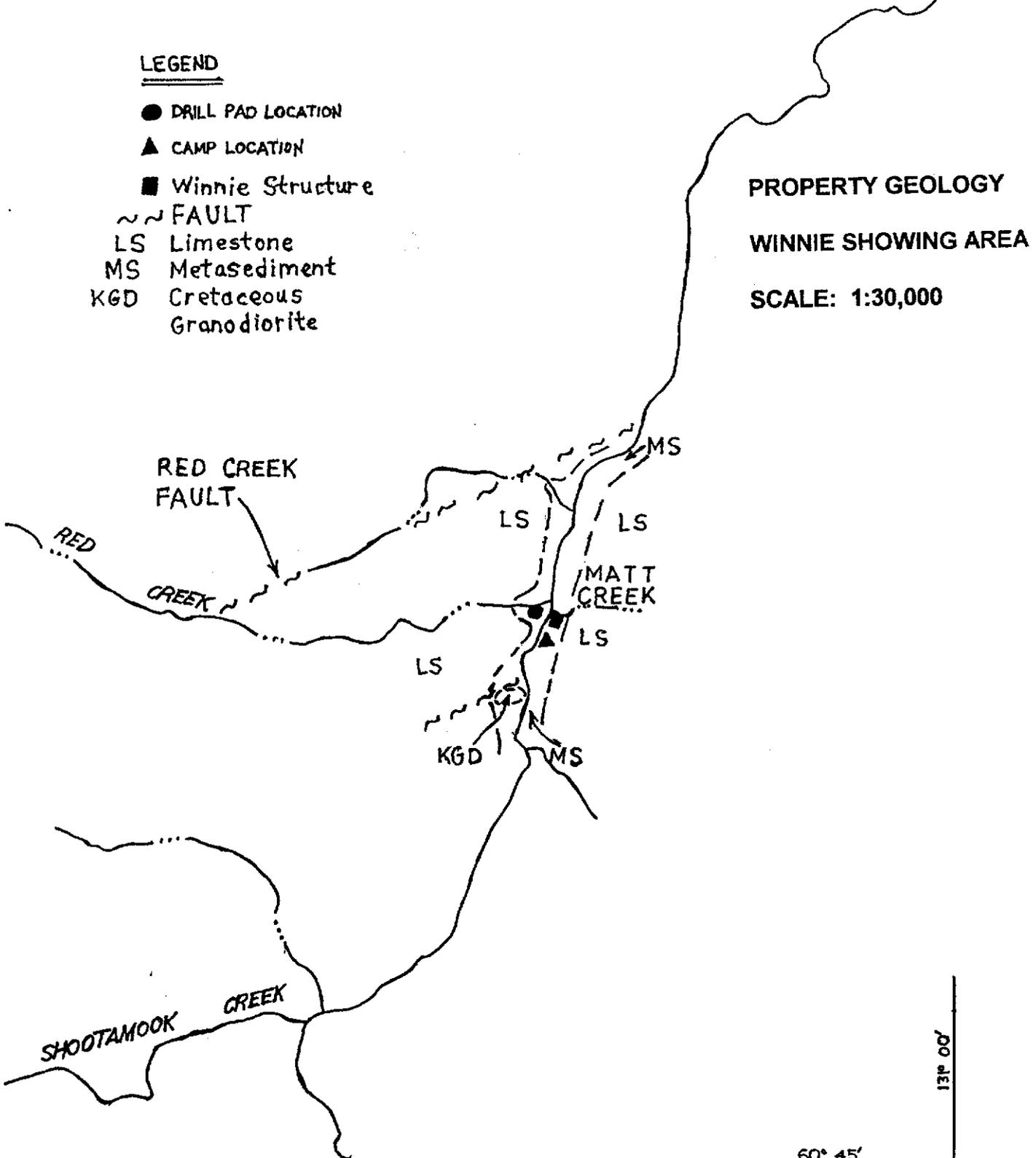
MS Metasediment

KGD Cretaceous  
Granodiorite

PROPERTY GEOLOGY

WINNIE SHOWING AREA

SCALE: 1:30,000



writer and other geologists, who have visited the property, originally considered that a rhyolitic phase of the diorite existed at the "Winnie". Another possible explanation for this rhyolitic appearing material is extremely strong phyllic and argillic alteration totally destroying the original textures of the diorite and the limy graphitic phyllite country rock. In the area of the Mel Claims, the phyllite grades up into a light to dark grey, fine-grained limestone. This limestone in turn grades up into a light grey to white, fine-grained to sugary limestone.

During the 1989 work program, a diorite or granodiorite intrusive was traced for a minimum of 500 metres from an outcrop upstream of the "Winnie" into the showing itself (See Property Geology Plan). The composition of this diorite is extremely different from that of the Gravel Creek stock southeast of the property. The diorite may be a more mafic phase of the granitic Gravel Creek stock but a more likely explanation is that it is a Middle Jurassic diorite related to the Slide Mountain terrane which is exposed southwest of the property.

### **Vein-Fault Mineralization and Cross-Faulting:**

The Winnie Showing consists of a highly siliceous to clay altered fault zone approximately 2 metres (5.5 ft.) wide which strikes N 53° E and dips 70° - 75° west. The fault zone follows the diorite contact which has resulted in the deposition of the disseminated hydrothermal (and replacement ?) pyrite, quartz, arsenic and gold mineralization. A cross-fault strikes down Matt Creek. This cross-fault is thought to be post mineralization; displacing the northern portion of the "Winnie" toward the east. Soil geochemistry and VLF-EM surveys show

anomalous values along a ridge approximately 200 metres east of the "Winnie" where Matt Creek makes a sudden turn toward the south before continuing toward Shootamook Creek. This location may represent another segment of the "Winnie".

Red Creek is also thought to be a cross-fault to the fault(s) down which Shootamook Creek runs. It may be an offset and larger segment of the Matt Creek cross-fault. Aerial photograph and helicopter examination has confirmed the presence of a steeply west dipping fault at the head of Red Creek (See Property Geology Plan). Two phases of mineralization have been observed at the "Winnie" and during the relogging of the diamond drill core. Should these cross-faults predate the later phase of mineralization, they too could be mineralized.

#### **1997 WORK PROGRAM:**

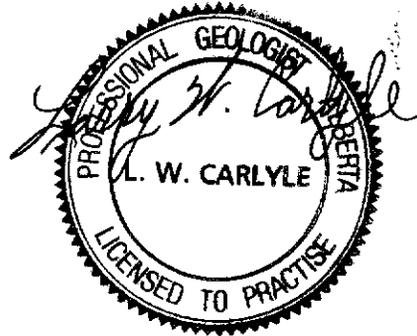
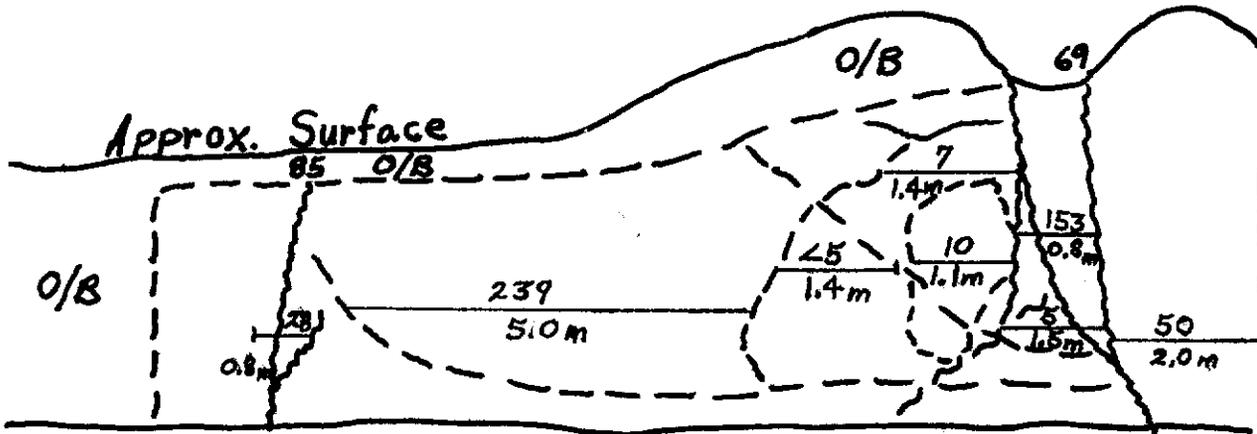
The prime focus of the 1997 hardrock work program was to enlarge and deepen the exposure of the Winnie Showing. To accomplish the excavation, it was necessary to do some drilling and blasting in addition to removing material with the John Deere. See the accompanying chart for volumes excavated.

Late in the season, a small cat trail was built across Matt Creek from the north end of the air strip to permit access to the ridge about 200 metres east of the showing. A limited amount of backhoe excavation was performed on a pad developed on top of the ridge. The overburden at this site proved to be a fine-

EXCAVATION OF WINNIE SHOWING  
ASSAY OVERLAY  
LOOKING SOUTH  
MAY 10/97

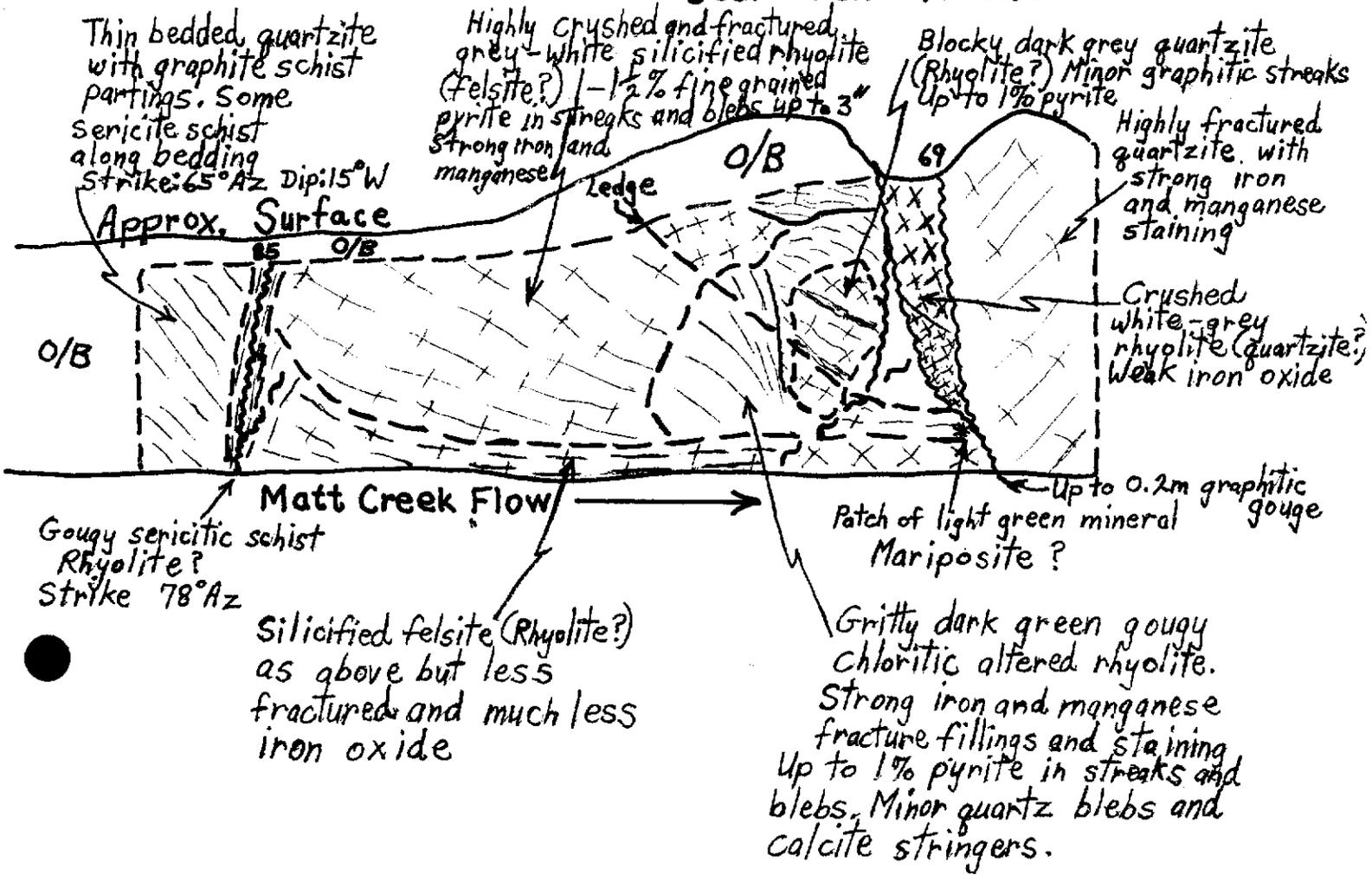
ELEMENT: Au (ppb)

Scale: 1 cm = 1 metre



EXCAVATION OF WINNIE SHOWING  
 LOOKING SOUTH  
 MAY 10/97

Scale: 1 cm = 1 metre



Thin bedded quartzite with graphite schist partings. Some sericite schist along bedding  
 Strike: 65° Az Dip: 15° W

Highly crushed and fractured grey-white silicified rhyolite (felsite?) - 1-2% fine grained pyrite in streaks and blebs up to 3"  
 Strong iron and manganese

Blocky dark grey quartzite (Rhyolite?) Minor graphitic streaks  
 Up to 1% pyrite

Highly fractured quartzite with strong iron and manganese staining

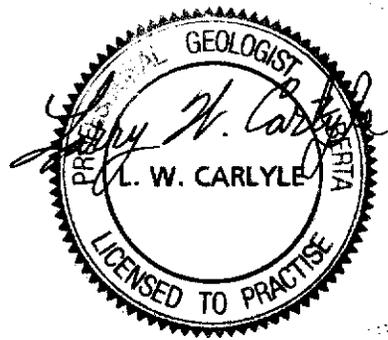
Crushed white-grey rhyolite (quartzite?) Weak iron oxide

Gougy sericitic schist Rhyolite?  
 Strike 78° Az

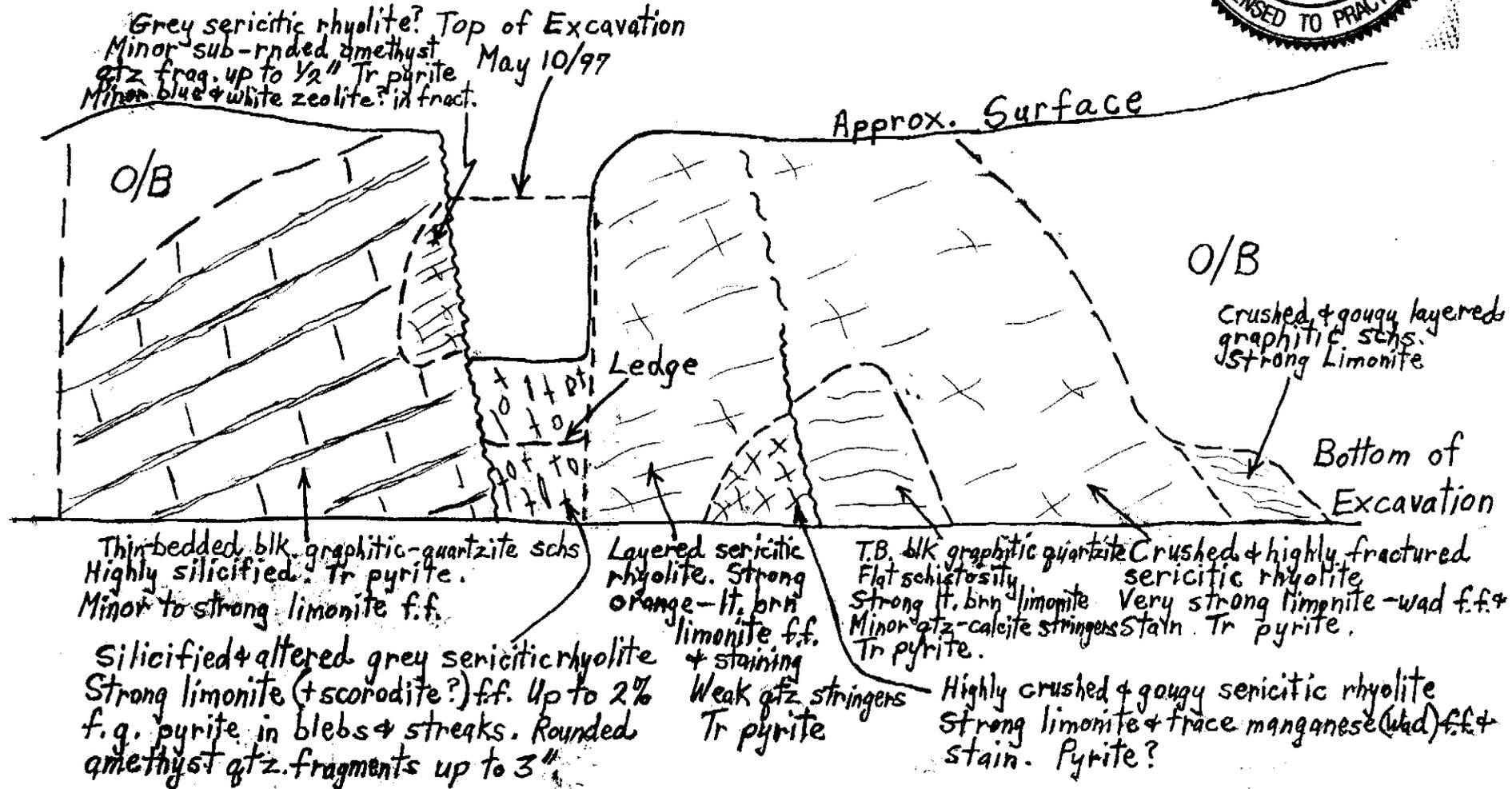
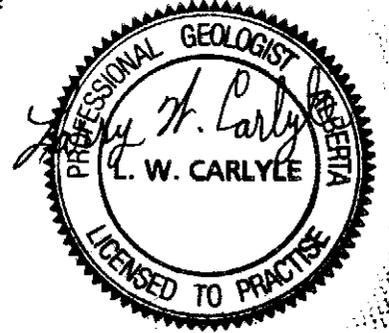
Silicified felsite (Rhyolite?) as above but less fractured and much less iron oxide

Patch of light green mineral Mariposite?  
 Up to 0.2m graphitic gouge

Gritty dark green gougy chloritic altered rhyolite. Strong iron and manganese fracture fillings and staining. Up to 1% pyrite in streaks and blebs. Minor quartz blebs and calcite stringers.



EXCAVATION OF WINNIE SHOWING  
 LOOKING NORTH  
 SEPT. 26/97  
 Scale: 1 cm = 1 metre



Thin bedded, blk. graphitic-quartzite schs  
 Highly silicified. Tr pyrite.  
 Minor to strong limonite f.f.

Silicified & altered grey sericitic rhyolite  
 Strong limonite (+ scorodite?) f.f. Up to 2%  
 f.g. pyrite in blebs & streaks. Rounded  
 amethyst qtz. fragments up to 3"

Layered sericitic rhyolite. Strong  
 orange-brown limonite f.f. & staining  
 Weak qtz stringers  
 Tr pyrite

T.B. blk graphitic quartzite  
 Flat schistosity  
 Strong lt. brown limonite  
 Minor qtz-calcite stringers  
 Tr pyrite.

Crushed & highly fractured  
 sericitic rhyolite  
 Very strong limonite - wad f.f. &  
 stain. Tr pyrite.

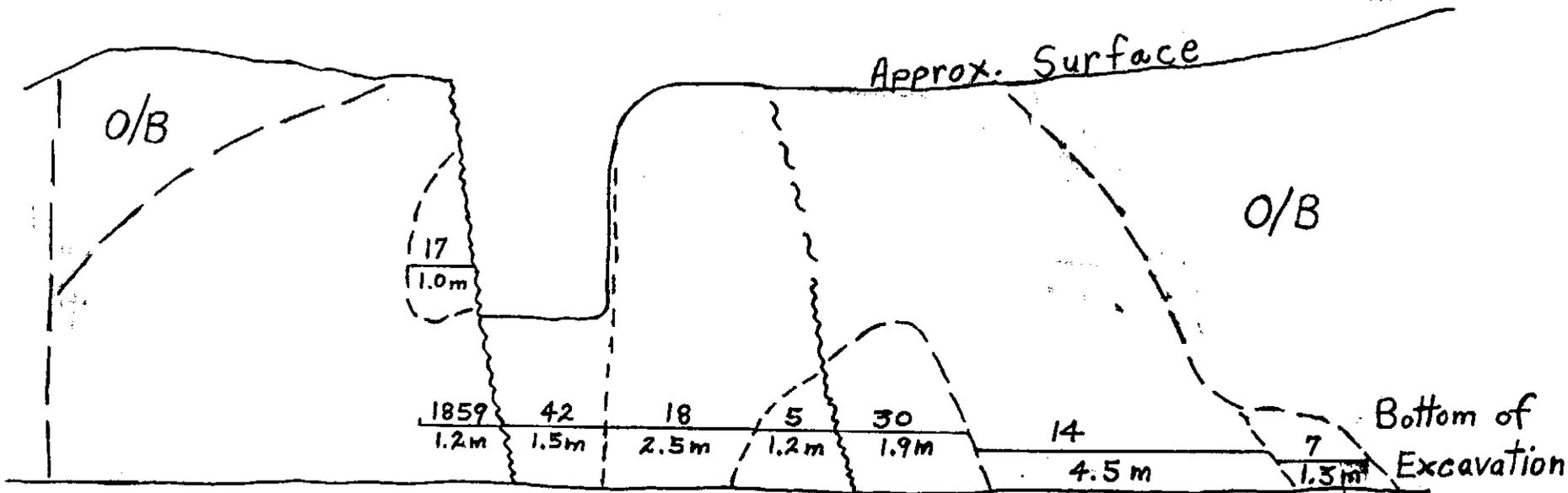
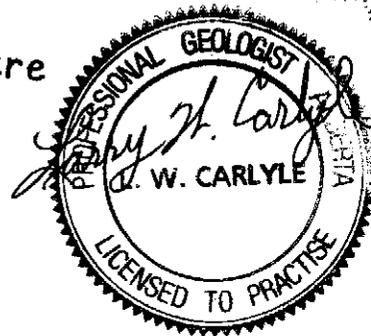
Highly crushed & gassy sericitic rhyolite  
 Strong limonite & trace manganese (wad) f.f. &  
 stain. Pyrite?

EXCAVATION OF WINNIE SHOWING  
ASSAY OVERLAY  
LOOKING NORTH

SEPT, 26/97

Scale: 1 cm = 1 metre

ELEMENT: Au(ppb)



**WINNIE SHOWING  
ROCK SAMPLE DESCRIPTION**

Sample Number	Width (m)	Description	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
<b><u>May 10, 1997 Visit</u></b>						
W-1	2.0	Fractured felsite (rhyolite?) Strong iron oxide (limonite) <1% Py Tr scorodite ?	50	1	121	22
W-2	0.8	Lt. grey crushed & gougy Winnie fault. Weak iron & manganese (wad) f.f. Trace py & qtz.as eyes & f.f.	153	0.9	138	3
W-3	1.4	Crushed & gritty chloritic (scorodite) felsite (rhyolite ?) No visible mineralization. Strong iron & manganese f.f. & stain.	7	0.2	12	71
W-4	1.1	Fractured grey-blk. grainy qtzite. Minor qtz stringers. Up to 1% py in blebs. Strong iron & manganese f.f. & stain.	10	0.2	12	55
W-5	1.4	FW portion of W-3. Up to 1% pyrite.	< 5	< 0.1	< 5	11
W-6	1.5	Crushed grey-white felsite (rhyolite ?). 1 - 1.5% py in blebs up to 3 ". Pyrite & quartz strongest @ slips & contacts.	5	< 0.1	< 5	17
W-7	5.0	Grey-white fractured felsite (rhyolite ?). Up to 1% py in streaks & blebs. Minor py crystals up to 1/4". Strong iron & manganese f.f. & stain.	239	0.5	< 5	32
W-8	0.8	Gougy & sericitic altered graphitic schist @ upstream end. 1% f.g. py in streaks & blebs. Some silicified rhyolite.	28	0.5	9	15

**WINNIE SHOWING  
ROCK SAMPLE DESCRIPTION**

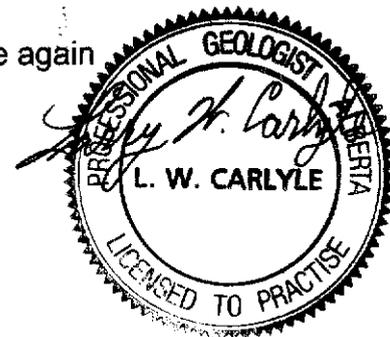
Sample Number	Width (m)	Description	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
<b><u>September 26, 1997 Visit</u></b>						
M-1	Grab	<u>Outcrop. 300' East &amp; 75' North of Winnie.</u> Sericitic-graphitic schs. Lim-Wad (manganese) f.f. & stain Weak qtz stringers. Minor vugs & pyrite mineralization. Up to 1/2% cubes up to 1/8".	13	0.2	16	7
WS-1	1.0	Grey sericitic rhyolite ? Minor weakly rounded amethyst qtz fragments up to 1/2". Tr py. Minor pale blue & white zeolite ? in f.f. Tr scorodite (?) near Winnie fault.	17	1	111	8
MS-2	1.2	Thin-bedded blk. graphitic-quartzite schs. Highly silicified. Tr py. Minor to strong limonite f.f.	1859	1.4	1.10%	16
MS-3	1.5	Silicified & altered grey sericitic rhyolite. Strong limonite (+ scorodite ?) f.f. Up to 2% f.g. py in blebs & streaks. Rnded amethyst qtz fragments up to 3".	42	1.1	246	9
MS-4	2.5	Layered sericitic rhyolite. Strong orange-lt. brn. limonite f.f. & staining. Weak qtz stringers. Tr py.	18	0.2	58	4
MS-5	1.2	Highly crushed & weakly gougy sericitic rhyolite. Strong limonite + Tr manganese (Wad) f.f. & stain. Py ?	5	< 0.1	43	5
MS-6	1.9	Thin-bedded blk. graphitic qtzite. Strong lt. brn. limonite on f.f. Flat schistosity. Minor qtz-calcite stringers. Tr py.	30	1.5	20	6

**WINNIE SHOWING  
ROCK SAMPLE DESCRIPTION**

Sample Number	Width (m)	Description	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
<u>September 26, 1997 Visit</u>						
MS-7	4.5	Crushed & highly fractured sericitic rhyolite. Tr pyrite. Very strong lim-wad f.f. & stain.	14	0.8	21	8
MS-8	1.3	Crushed & gougy layered graphitic schs. Strong limonite f.f. & staining.	7	< 0.1	15	14

grained sand and was much deeper than expected. Bedrock had still not been located when the maximum reach of the backhoe was achieved. Further excavation was prevented by the onset of winter.

Until the May 10, 1997 visit, excavation had been concentrated on the Matt Creek (north) side of the "Winnie". My geological mapping and sampling have been included in this report. Mr. Holloway also took a number of samples from this face; which he called Phase 3. The location and analyses of his samples are included in Appendix C. During the interval between my two property visits, further excavation was concentrated on deepening and widening the exposure on the south side of the "Winnie". Here again, my geological mapping and sampling have been included in this report. Mr. Holloway broke this portion of the excavation into Phases 4 to 6. His sample locations and analyses are again included in Appendix C.



## CONCLUSIONS:

1. A review of assay results taken from the "Winnie" from the original shaft to the present excavations has confirmed two things:
  - ◆ gold grade increases with depth
  - the best gold grades are not always in the vein-fault but are frequently in the hangingwall graphitic schist and thin-bedded quartzite. Evidence of this is found in the 1.859 g/tonne gold assay I obtained from the H.W. thin-bedded graphitic quartzite on my September 26, 1997 visit.

Mr. Holloway's samples also demonstrate these things. They also seem to show the presence of better gold grades (reported in oz/ton) in breaks in the vein which were probably more open during mineral deposition (See Appendix C). These samples returned gold grades up to 0.22 oz/ton.

**WINNIE SHOWING**  
**EXCAVATION VOLUMES**

**NORTH (MATT CREEK) SIDE**

Length (m)	Width (m)	Depth (m)	Volume (m <sup>3</sup> )	Cubic Yards (yd <sup>3</sup> )
14	2	4	112	147

**CUT THROUGH**

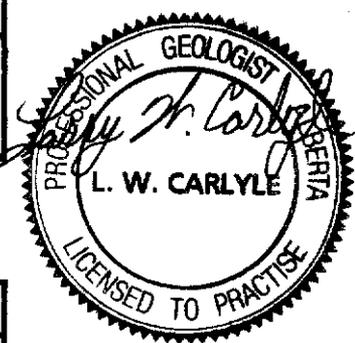
Length (m)	Width (m)	Depth (m)	Volume (m <sup>3</sup> )	Cubic Yards (yd <sup>3</sup> )
9	2.5	3.8	86	112

**SOUTH SIDE**

Length (m)	Width (m)	Depth (m)	Volume (m <sup>3</sup> )	Cubic Yards (yd <sup>3</sup> )
19	2	6	228	300

**RIDGE ZONE AND ROAD**

Length (m)	Width (m)	Depth (m)	Volume (m <sup>3</sup> )	Cubic Yards (yd <sup>3</sup> )
20	10	1	200	263
35	2	2	140	184
2	2	5	20	26



Pad  
Road  
Hole

**TOTAL:                      786                      1,032**

**Notes:**

1. Cubic metres have been converted to cubic yards by dividing by 0.76
2. At least the volumes calculated for the Cut Through were drilled and blasted.



**Murphy, D.C., (1988) Geology of Gravel Creek (105 B-10) and Irvine Lake (105 B-11) Map Areas, Southeastern Yukon. Open File 1988-1, Canada Yukon E.D.A.**

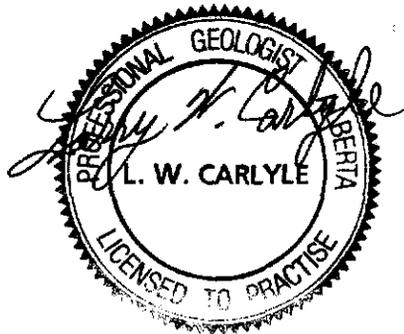
**STATEMENT OF COSTS: (See Appendix B for Invoices)**

## STATEMENT OF QUALIFICATIONS

I, LARRY W. CARLYLE, do certify:

1. That I am a professional geologist; resident at 74 Tamarack Drive, Whitehorse, Yukon Y1A 4Y6.
2. That I hold a B. Sc. Degree in geology from the University of British Columbia (1970).
3. That I am a Fellow of the Geological Association of Canada (F - 4355).
4. That I am a Registered Professional Geologist in the Association of Professional Engineers, Geologists, and Geophysicists of the Province of Alberta (41097).
5. That I have practiced my profession as a mine and exploration geologist for twenty years.
6. The conclusions and recommendations in the attached report are based on work I performed on the property, and on a review of the references cited.

DATED at Whitehorse, Yukon, this 4<sup>th</sup> day of November, 1997.



**APPENDIX A**  
**ANALYTICAL CERTIFICATES**

23/06/97

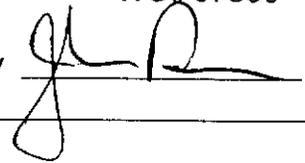
Assay Certificate

Page 1

Yukon Yellow Metal Expl.

WO# 07800

Certified by



Sample #	Au ppb
W - 1	50
W - 2	153
W - 3	7
W - 4	10
W - 5	<5
W - 6	5
W - 7	239
W - 8	28





# CERTIFICATE ANALYSIS

## iPL 97F0502

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

Client : Northern Analytical Laboratories  
 Project: W.O. 7800

**8 Samples**  
 8=Pulp

[050216:04:50:79061997]

Out: Jun 19, 1997  
 In : Jun 17, 1997

Page 1 of 1  
 Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	B1 ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
W - 1	P 1.0	22	18	21	121	65	<	1	<	<	0.4	6	22	136	5	30	7	12	43	83	3	1	<	0.34	0.11	1.07	0.02	0.06	0.01	0.15
W - 2	P 0.9	3	9	3	138	37	<	1	<	<	0.5	1	4	81	<	41	4	13	35	12	6	1	<	0.28	0.03	0.36	0.01	0.10	0.01	0.01
W - 3	P 0.2	71	24	75	12	5	<	3	<	<	0.1	27	104	70	20	78	45	363	184	36	3	9	<	1.62	0.68	3.31	1.09	0.05	0.01	0.23
W - 4	P 0.2	55	13	49	12	<	<	2	<	<	0.7	21	87	137	<	79	31	385	70	91	3	4	0.06	1.29	1.55	2.18	1.37	0.05	0.06	0.20
W - 5	P <	11	16	10	<	31	<	2	<	<	<	10	53	7	8	20	6	22	26	13	13	1	<	0.24	0.30	6.79	0.06	0.01	0.01	0.13
W - 6	P <	17	15	28	<	13	<	1	<	<	<	11	64	8	14	62	18	92	65	17	9	3	<	0.79	0.42	4.78	0.38	0.01	0.01	0.20
W - 7	P 0.5	32	18	36	<	62	<	2	<	<	<	17	63	9	6	27	8	20	54	14	17	1	<	0.42	0.30	7.24	0.02	0.06	0.01	0.14
W - 8	P 0.5	15	46	95	9	63	<	2	<	<	<	18	59	13	6	34	14	63	34	19	23	2	<	0.58	0.27	8.20	0.12	0.14	0.01	0.06

Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	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							X=Estimate %							P=Pulp

08/10/97

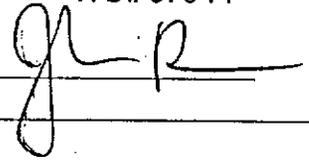
Assay Certificate

Page 1

Yukon Yellow Metal  
(Larry Carlyle)

WO# 07944

Certified by



Sample #	Au ppb
M - 1	13
MS - 2	1859
MS - 3	42
MS - 4	18
MS - 5	5
MS - 6	30
MS - 7	14
MS - 8	7
WS - 1	17





INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 97-005

Canada V5Y 3E8  
Phone (604) 879-7878  
Fax (604) 879-7898

Client : Northern Analytical Laboratories  
Project: WO# 7944

9 Samples  
9=Pu1p

[100509:22:44:79101097]

Out: Oct 10, 1997  
In : Oct 06, 1997

Page 1 of 1  
Section 1 of 1

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 %
M-1	0.2	7	8	3	16	34	<	1	<	<	0.1	1	2	23	<	76	3	43	7	10	4	<	<	0.28	0.05	0.64	0.02	0.15	0.02	<
MS-2	P 1.4	16	14	64	1.1%	58	<	1	<	<	0.5	11	50	14	<	88	4	19	11	11	6	1	<	0.28	0.03	2.68	0.02	0.17	0.02	0.02
MS-3	P 1.1	9	18	5	246	75	<	1	<	<	0.4	5	22	18	6	28	6	7	21	15	10	1	<	0.43	0.03	2.66	0.03	0.19	0.02	0.01
MS-4	P 0.2	4	14	8	58	63	<	2	<	<	0.2	<	3	67	5	49	6	7	15	9	6	1	<	0.43	0.02	1.07	<	0.11	0.02	0.02
MS-5	P <	5	61	2	43	45	<	3	<	<	0.3	1	4	38	10	28	15	11	10	29	6	1	<	0.57	0.05	2.63	0.03	0.05	0.02	0.05
MS-6	P 1.5	6	4	6	20	44	<	1	<	<	0.1	1	3	34	<	46	5	8	21	10	4	1	<	0.50	0.02	0.85	0.02	0.18	0.02	0.01
MS-7	P 0.8	8	20	5	21	54	<	2	<	<	<	1	8	29	<	46	9	14	41	18	5	1	<	0.45	0.06	1.73	0.01	0.05	0.02	0.08
MS-8	P <	14	8	43	15	28	<	1	<	<	<	6	17	29	<	25	3	59	47	17	4	2	<	0.35	0.29	1.62	0.03	0.18	0.02	0.02
WS-1	P 1.0	8	13	5	111	46	<	1	<	<	0.2	2	8	25	<	25	9	5	20	5	10	1	<	0.50	0.02	0.29	0.01	0.10	0.02	<

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 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00  
Method ICP  
---No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample P=Pu1p

**APPENDIX B**  
**INVOICES SUPPORTING**  
**STATEMENT OF COSTS**

# Expenditures 1997 Exploration Program as of October 21, 1997

Accounts Receivable:	82,250.00
Grant (YTG)	15,000.00

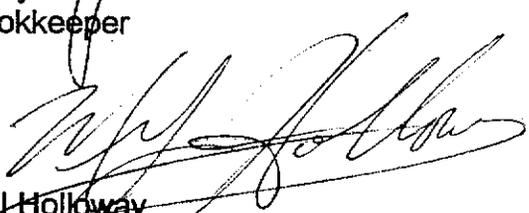
Expenditures 1997 Exploration Program as of October 21, 1997:

Air Fare, Labour, Equipment Rental, Fuel, Food and Camp Supplies:	87,250.00
---	-----------

A full detail financial statement will be issued in January 1998 prepared by my accountant at year. Interim statement prepared by C. Lyons, bookkeeper, Yukon Yellow Metal (1984) Ltd.



C. Lyons  
Bookkeeper



Mel Holloway  
President  
Yukon Yellow Metal (1984) Exploration Ltd.

Invoice for Analytical Services

To:

Yukon Yellow Metal Exploration Ltd.  
 Mel Holloway  
 1202 Elm Street  
 Whitehorse, Yukon Y1A 4B5

Invoice Date: 08/10/97

WO# 07944

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
9	Sample Preparation: Rock/D.C. Sample Preparation	5.00	45.00
9	Analyses: Au + 30	16.00	144.00
Subtotal			189.00
GST @7% (R 121285662)			13.23
Total due on receipt of invoice			<b>\$202.23</b>

2% per month charged on overdue accounts



Invoice for Analytical Services

To:

Invoice Date: 08/10/97

Yukon Yellow Metal Exploration Ltd.  
Mel Holloway  
1202 Elm Street  
Whitehorse, Yukon Y1A 4B5

WO# 07941

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
15	Sample Preparation: Rock/D.C. Sample Preparation	5.00	75.00
15	Analyses: Au + 30	16.00	240.00
11	ICP - 30 (WO#07906)	7.75	85.25
Subtotal			400.25
GST @7% (R 121285662)			28.02
Total due on receipt of invoice			<b>\$428.27</b>

2% per month charged on overdue accounts



**APPENDIX C**  
**MEL HOLLOWAY'S**  
**SAMPLES AND SAMPLE LOCATIONS**

PHASE  
# 3

#7  
25

#11  
26

#12  
27

#13  
28

#14  
29

#15  
30

BEST AVAILABLE  
IMAGE

01/07/97

Assay Certificate

Page 1

Yukon Yellow Metal

WO# 07802

Certified by JR

Sample #	Au ppb
M/C - 1 ✓	993
M/C - 2 ✓	839
M/C - 3 ✓	60
M/C - 4 ✓	54
M/C - 5 ✓	3379 = 10 oz per ton.
M/C - 6	95
M/C - 7 ✓	218
M/C - 8	27
M/C - 9	22
M/C - 10	52
M/C - 11 ✓	213
M/C - 12	181
M/C - 13	180
M/C - 14	18
M/C - 15 ✓	58
M/C - 16	29
M/C - 17	7
M/C - 18	<5
M/C - 19	<5
M/C - 20	6
M/C - 21	<5
M/C - 22	<5
M/C - 23	42
M/C - 24	<5
M/C - 25	<5
M/C - 26	<5
M/C - 27	8
M/C - 28	6
M/C - 29	5
M/C - 30	7

Patrick Hi  
 NEWLEY OPEN N side of the  
 Winnie showing sample  
 #1 to #7 taken from top  
 of showing - Very Good

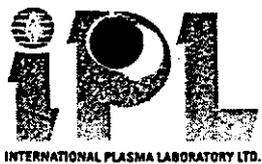
#5 = 10 <sup>A.U.</sup> per ton ✓   
 NAL

To convert PPB to oz per ton  
 $ppb \times .00002917 = oz/ton$

#5 = 3379 ppb  $\times 11 = 0.099 oz/ton$

Very Good A.U.  
 for top of showing





# CERTIFICATE ANALYSIS

## iPL 97F0504

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

Client : Northern Analytical Laboratories  
Project: W.O. 7802

**31 Samples**  
31=Pu1p

[050416:05:32:79061997]

Out: Jun 19, 1997  
In : Jun 17, 1997

Page 1 of 1  
Section 1 of 1

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 %
M/C - 1	0.6	3	2	10	733	25	<	1	<	<	0.3	2	8	26	<	114	6	25	14	8	4	1	<	0.46	0.06	0.74	0.04	0.13	0.02	0.01
M/C - 2	1.8	3	5	3	2834	68	<	2	<	<	0.4	1	3	33	<	77	4	16	27	7	3	<	<	0.32	0.03	0.89	0.03	0.16	0.02	0.01
M/C - 3	1.6	5	52	3	805	163	<	3	<	<	0.6	1	3	27	<	64	8	14	21	5	9	1	<	0.37	0.02	2.36	0.02	0.11	0.01	0.02
M/C - 4	1.3	2	4	3	187	56	<	14	<	<	0.6	<	4	52	<	140	5	22	31	7	7	1	<	0.49	0.03	0.47	0.04	0.30	0.02	0.01
M/C - 5	1.1	3	6	2	5107	73	<	5	<	<	0.5	1	3	42	<	68	5	14	20	6	5	1	<	0.35	0.03	1.24	0.02	0.20	0.02	0.01
M/C - 6	2.1	3	4	1	162	52	<	1	<	<	0.6	1	2	21	<	43	3	12	36	7	4	<	<	0.26	0.01	0.62	0.01	0.12	0.02	0.01
M/C - 7	1.5	4	22	3	345	28	<	1	<	<	0.4	1	2	55	<	55	7	9	74	14	9	1	<	0.38	0.01	0.75	0.02	0.22	0.02	0.02
M/C - 8	0.3	7	29	3	157	62	<	1	<	<	0.4	2	5	24	5	66	10	10	58	8	10	1	<	0.46	0.01	1.60	0.01	0.07	0.01	0.04
M/C - 9	1.0	4	13	3	288	69	<	2	<	<	0.5	1	1	26	<	52	9	17	49	11	10	1	<	0.40	0.02	1.24	0.02	0.07	0.02	0.02
M/C - 10	0.7	12	29	7	1588	48	<	10	<	<	0.4	2	4	80	<	55	5	14	45	27	8	1	<	0.28	0.03	1.38	0.02	0.18	0.01	0.03
M/C - 11	1.0	3	2	1	143	26	<	2	<	<	0.6	<	1	64	<	58	4	10	63	10	7	1	<	0.28	0.01	0.23	0.02	0.15	0.01	0.01
M/C - 12	0.9	2	4	2	93	28	<	1	<	<	0.5	<	1	79	<	39	5	7	44	13	6	1	<	0.23	0.01	0.20	0.02	0.14	0.02	0.01
M/C - 13	0.6	2	7	1	377	22	<	1	<	<	0.6	1	3	128	<	41	3	8	33	11	4	1	<	0.20	0.01	0.27	0.01	0.12	0.02	0.01
M/C - 14	0.5	2	22	2	29	52	<	1	<	<	0.6	1	2	234	<	53	9	14	63	29	10	1	<	0.37	0.04	0.24	0.02	0.08	0.02	0.01
M/C - 15	0.4	4	4	4	472	65	<	1	<	<	0.5	2	2	35	<	81	3	13	17	6	4	1	<	0.21	0.02	1.22	0.02	0.13	0.01	0.01
M/C - 16	0.6	5	8	3	357	130	<	2	<	<	0.3	1	4	33	<	69	3	13	17	7	3	1	<	0.23	0.02	1.89	0.02	0.12	0.02	0.01
M/C - 17	0.7	25	8	20	10	<	<	4	<	<	0.9	17	110	19	<	55	20	2018	48	234	5	4	<	1.00	21%	2.24	0.90	0.01	0.01	0.13
M/C - 18	<	38	10	34	<	<	<	2	<	<	1.3	17	113	102	<	62	31	879	47	155	2	5	0.04	1.34	6.57	2.70	1.33	0.04	0.04	0.19
M/C - 19	<	33	12	46	11	<	<	2	<	<	0.7	17	83	257	<	89	37	384	56	130	3	4	0.09	1.47	1.41	2.42	1.71	0.06	0.09	0.25
M/C - 20	<	34	6	19	20	<	<	5	<	<	0.5	9	44	24	7	106	23	624	50	123	29	4	0.02	1.44	3.23	1.47	0.58	0.03	0.02	0.07
M/C - 21	<	14	2	4	<	12	<	2	<	<	0.4	3	10	4	<	113	3	20	7	4	6	<	<	0.15	0.08	0.97	0.01	<	0.02	0.04
M/C - 22	<	126	6	14	<	5	<	2	<	<	0.8	22	44	5	<	104	4	28	42	9	11	<	<	0.24	0.21	2.53	0.01	<	0.01	0.08
M/C - 23	2.0	14	15	24	26	48	<	2	<	<	0.2	16	64	20	<	64	8	31	56	14	12	1	<	0.39	0.28	3.57	0.01	0.03	0.01	0.15
M/C - 24	0.2	35	22	26	8	56	<	2	<	<	0.2	15	47	14	6	43	9	21	63	13	15	1	<	0.57	0.36	3.87	0.01	0.03	0.01	0.18
M/C - 25	<	5	26	8	7	8	<	1	<	<	0.5	6	7	2	<	47	3	28	21	5	11	1	<	0.44	0.11	0.40	0.01	0.01	0.01	0.04
M/C - 26	<	55	27	58	<	34	<	2	<	<	0.1	29	97	6	10	33	11	25	101	19	11	1	<	0.57	0.50	3.95	0.01	<	0.01	0.24
M/C - 27	0.2	23	16	34	12	54	<	1	<	<	0.4	15	48	8	<	56	7	38	43	13	8	1	<	0.47	0.31	1.50	0.02	0.03	0.02	0.12
M/C - 28	0.2	44	10	50	<	20	<	2	<	<	<	13	29	27	10	24	9	19	33	8	14	2	<	0.70	0.09	4.13	0.10	0.29	0.02	0.05
M/C - 29	0.3	28	19	57	67	44	<	2	<	<	0.7	25	92	9	8	34	12	24	89	12	7	1	<	0.59	0.51	2.13	0.01	0.04	0.02	0.24
M/C - 30	<	24	7	55	20	<	<	3	<	<	0.8	11	20	183	<	65	56	438	15	21	7	4	0.10	1.63	1.23	2.53	0.92	0.21	0.11	0.10
M/C - 31	<	26	19	32	<	46	<	2	<	<	<	16	71	12	7	38	10	31	52	16	20	1	<	0.63	0.38	5.47	0.05	0.06	0.02	0.16

Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
Max Reported*	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	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	ICP	ICP		
---No Test	Ins=Insufficient Sample				Del=Delay		Max=No Estimate				Rec=ReCheck				m=x1000		%=Estimate		%		P=Pu1p													

BEST ATTAINABLE  
IMAGE

PHASE 1997  
#4

#10

#8

#7

#101

#7

#6

#11



PAGE # 4

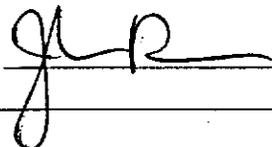
08/08/97

Assay Certificate

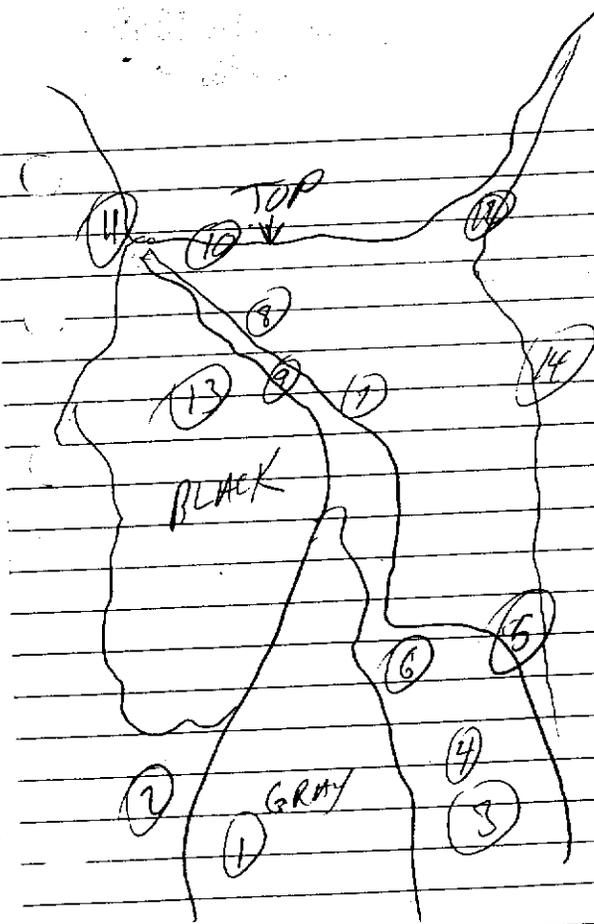
Page 1

Yukon Yellow Metal

WO#07867

Certified by 

Sample #	Au oz/ton
W - 1	0.001
ED - 1	<0.001
MEL - 1	0.001
MEL - 2	<0.001
MEL - 3	0.035 ✓
MEL - 4	0.001
MEL - 5	0.008
MEL - 6	0.116 ✓ = 1/10 +
MEL - 7	0.023 ✓
MEL - 8	0.101 ✓ = 1/10 +
MEL - 9	0.023 ✓
MEL - 10	0.034 ✓
MEL - 11	0.018
MEL - 12	0.002
MEL - 13	0.001
MEL - 14	0.001
MEL - 15	<0.001
MEL - 16	<0.001
MEL - 17	<0.001
MEL - 18	0.002
MEL - 19	0.002



#4



PHASE 5

PHASE  
#5

#7  
221

#6  
053

#4  
083

#2  
114



PHASE # 5

3

11/09/97

Assay Certificate

Page 1

Yukon Yellow Metals

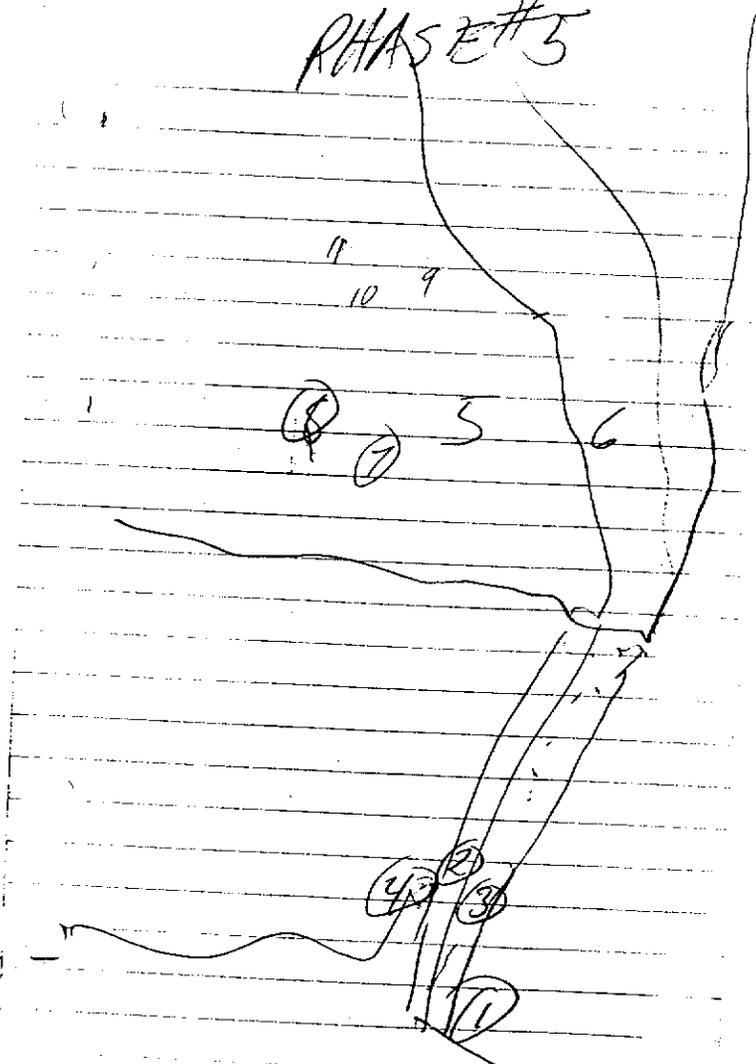
WO# 07906

Certified by \_\_\_\_\_

Sample #	Au oz/ton
Lin-1	<0.001
Lin-2	0.114
Lin-3	0.004
Lin-4	0.083
Lin-5	0.008
Lin-6	0.054
Lin-7	0.221
Lin-8	0.026
Lin-9	0.011
Lin-10	0.039
Lin-11	<0.001

BEST AVAILABLE

PHASE # 5





BEST ATTAINABLE  
IMAGE

PHASE  
#9/1997  
6

#1  
.001

#2  
.004

#3  
.005

#6  
.001

#4  
.015

#5  
.064

#7  
.144

#8  
.040

#10  
.001

#9  
.171

#15

.001

#12  
.044

#11  
.087

#14  
.001

#13  
.006

08/10/97

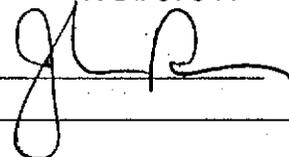
Assay Certificate

Page 1

Yukon Yellow Metal

WO# 07941

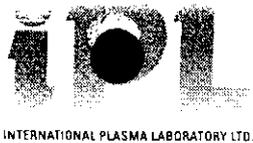
Certified by



Sample #	Au oz/ton
Winnie - 1	<0.001
Winnie - 2	0.004
Winnie - 3	0.005
Winnie - 4	0.015
Winnie - 5	0.064
Winnie - 6	<0.001
Winnie - 7	0.149
Winnie - 8	0.040
Winnie - 9	0.171
Winnie - 10	<0.001
Winnie - 11	0.087
Winnie - 12	0.044
Winnie - 13	0.006
Winnie - 14	0.001
Winnie - 15	<0.001

Note: Au is 15gm FA/AAS geochem.





1111  
#6

# CERTIFICATE ANALYSIS

## iPL 97J1003

2036 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E7  
Phone (604) 879-7878  
Fax (604) 879-7898

*BOTTOM OF ZONE*

Client : Northern Analytical Laboratories  
Project: WO# 7941

**15 Samples**  
15=Pulp

[100312:33:39:79100997]

Out: Oct 09, 1997  
In : Oct 06, 1997

Page 1 of 1  
Section 1 of 1

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 %
Winnie-1	P 0.8	26	66	15	28	54	<	1	<	<	<	21	87	9	11	28	9	36	29	8	12	1	<	0.40	0.05	6.11	0.06	0.01	0.01	0.04
Winnie-2	P 1.9	8	112	62	125	43	<	2	<	<	1.0	3	8	36	<	42	9	36	37	18	8	1	<	0.36	0.05	0.86	0.04	0.12	0.02	0.06
Winnie-3	P 1.9	9	54	27	755	30	<	2	<	<	0.4	4	13	27	<	76	5	64	15	6	4	1	<	0.29	0.05	1.89	0.04	0.19	0.01	<
Winnie-4	P 10.0	6	151	17	197	43	<	2	<	<	0.2	1	4	38	<	57	4	33	17	68	8	1	<	0.20	0.03	0.79	0.02	0.19	0.02	0.02
Winnie-5	P 84.7	160	311	386	3208	158	<	2	<	<	1.6	4	17	11	<	169	2	30	13	11	3	<	<	0.11	0.02	0.82	0.03	0.08	0.02	0.01
Winnie-6	P 0.7	21	49	22	57	45	<	2	<	<	0.1	5	10	37	<	104	4	53	13	8	3	1	<	0.25	0.03	1.50	0.02	0.19	0.01	<
Winnie-7	P 0.1m	387	511	4821	1.3%	189	<	2	<	<	13.9	5	10	<	<	128	2	27	4	12	2	<	<	0.09	0.02	2.35	0.02	0.06	0.02	<
Winnie-8	P 5.8	8	51	88	230	38	<	1	<	<	0.4	3	10	79	<	72	3	19	18	10	10	<	<	0.21	0.01	0.97	<	0.08	0.02	0.05
Winnie-9	P 27.5	223	1292	2144	1.7%	272	<	1	<	<	7.0	3	13	<	<	133	<	23	5	9	2	<	<	0.07	0.02	2.19	<	0.05	0.01	<
Winnie-10	P 0.3	5	30	29	164	27	<	1	<	<	0.1	1	3	38	<	81	3	17	11	8	2	<	<	0.21	0.02	0.44	0.01	0.16	0.02	<
Winnie-11	P 1.9	25	26	213	9579	38	<	1	<	<	0.5	4	28	40	<	133	2	20	10	13	6	1	<	0.12	0.04	1.92	0.01	0.08	0.02	0.02
Winnie-12	P 4.8	51	38	450	7947	45	<	1	<	<	1.1	7	20	33	<	70	3	15	15	11	6	1	<	0.21	0.03	1.94	0.01	0.10	0.02	0.02
Winnie-13	P 1.0	43	25	101	1803	67	<	2	<	<	<	21	53	12	8	33	14	10	33	31	21	2	<	0.49	0.17	4.27	0.04	0.19	0.02	0.08
Winnie-14	P 0.9	15	12	35	160	359	<	2	<	<	<	26	191	8	6	99	8	14	<	6	9	1	<	0.29	0.03	5.73	0.01	0.04	0.01	<
Winnie-15	P 0.9	8	22	16	355	51	<	2	<	<	0.1	3	8	43	<	93	4	17	8	10	7	1	<	0.29	0.02	1.32	0.01	0.14	0.02	0.02

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 0.01  
 Max Reported\* 99.9 20000 20000 20000 9999 999 9999 999 999 9999 99.9 9999 9999 9999 999 9999 9999 9999 9999 9999 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00  
 Method ICP  
 —=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample P=Pulp

Sample Name	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	K	Na	P
AU	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
ED - 1	<	<	4	12	<	<	<	5	<	<	0.3	1	1	4	<	14	5	616	5	182	1	1	< 0.25	1%	2.51	10%	< 0.02	0.01	
MH - 1	0.7	4	10	4	292	36	<	<	<	<	<	1	3	24	<	101	3	33	5	6	1	1	< 0.23	0.27	0.95	0.13	0.08	0.02	
MH - 2	0.7	3	8	4	60	73	<	<	<	<	<	1	3	52	<	44	6	11	36	6	8	1	< 0.31	0.11	0.13	0.05	0.14	0.02	
MH - 3	0.75	4.0	8	85	19	707	26	<	2	<	<	1	3	117	<	90	3	19	15	11	4	1	< 0.18	0.06	1.01	0.02	0.21	0.02	
MH - 4	1.1	8	13	9	19	29	<	1	<	<	<	3	5	75	<	61	9	12	26	13	5	2	< 0.61	0.04	0.54	0.06	0.34	0.03	
MH - 5	0.08	2.7	7	10	5	1.17	44	<	1	<	<	1	1	38	5	52	7	9	49	5	1	2	< 0.42	0.02	1.29	0.03	0.20	0.02	
MH - 6	0.116	12.1	26	267	100	1.07	64	<	<	<	<	3	7	19	<	139	3	28	8	19	2	1	< 0.18	0.04	1.32	0.02	0.07	0.02	
MH - 7	0.03	9.5	37	73	34	6543	55	<	1	<	<	3	9	59	<	146	4	22	16	27	5	1	< 0.26	0.04	1.27	0.02	0.11	0.02	
MH - 8	0.101	1.1	10	149	106	6210	32	<	1	<	<	4	12	66	<	120	4	17	26	42	5	1	< 0.20	0.03	1.00	0.02	0.13	0.02	
MH - 9	0.023	1.0	13	16	34	3192	59	<	1	<	<	3	9	21	<	148	3	66	5	8	2	1	< 0.18	0.02	1.41	0.03	0.06	0.02	
MH - 10	0.034	3.6	22	94	74	5074	45	<	<	<	<	3	7	41	<	116	3	23	23	51	4	1	< 0.17	0.04	0.85	0.02	0.10	0.02	
MH - 11	2.4	5	31	8	337	64	<	<	<	<	<	1	3	92	<	121	3	24	10	11	2	1	< 0.20	0.02	0.40	0.01	0.06	0.02	
MH - 12	<	24	17	46	24	<	<	1	<	<	<	0.1	20	99	205	109	44	481	47	122	2	5	0.09	1.66	1.81	2.44	1.94	0.07	
MH - 13	0.6	4	10	8	69	31	<	<	<	<	<	1	3	34	<	83	4	22	18	9	3	1	< 0.27	0.03	0.26	0.03	0.13	0.02	
MH - 14	1.9	5	14	6	13	73	<	<	<	<	<	1	4	30	<	73	7	14	41	10	7	1	< 0.37	0.04	0.41	0.03	0.06	0.02	
MH - 15	0.2	618	28	61	<	<	<	3	<	<	0.1	161	44	18	12	43	21	1598	45	231	14	2	0.03	1.65	8.79	10.2	4.8	< 0.02	
MH - 16	<	32	31	16	<	54	<	<	<	<	<	21	79	22	9	50	15	41	88	28	5	1	< 0.64	0.60	3.46	0.03	0.03	0.02	
MH - 17	<	79	25	38	<	<	<	3	<	<	<	19	70	148	<	67	36	538	53	223	4	6	0.06	1.27	1.12	3.22	1.13	0.05	
MH - 18	0.8	33	23	27	554	156	<	<	<	<	<	16	59	43	<	61	10	22	47	22	8	2	< 0.54	0.32	1.99	0.03	0.10	0.02	
MH - 19	0.8	26	11	6	42	70	<	<	<	<	<	9	48	15	7	32	8	5	14	5	12	1	< 0.40	0.04	2.13	<	0.03	0.02	
LIN 1	1.0	13	55	17	75	208	<	1	<	<	<	6	39	6	6	80	6	23	13	8	14	1	< 0.51	0.20	8.59	0.01	0.07	0.01	
LIN 2	7.4	10	1050	30	345	54	<	3	<	<	0.1	1	4	112	<	161	5	24	8	55	3	<	< 0.13	0.03	0.94	0.01	0.13	0.02	
LIN 3	1.4	15	53	8	25	59	<	2	<	<	0.5	6	15	15	9	52	10	9	21	29	23	1	< 0.56	0.03	2.61	0.02	0.13	0.02	
LIN 4	4.0	9	670	115	959	33	<	2	<	<	0.2	2	5	47	<	142	3	19	9	16	3	<	< 0.16	0.02	0.83	0.01	0.09	0.02	
LIN 5	2.2	8	25	10	236	42	<	2	<	<	0.1	1	5	48	<	205	3	43	5	17	3	1	< 0.16	0.12	1.00	0.03	0.06	0.02	
LIN 6	2.5	4	94	6	302	22	<	2	<	<	0.1	1	3	155	<	112	4	17	21	22	5	<	< 0.20	0.02	0.83	0.01	0.23	0.02	
LIN 7	68.3	31	642	193	7193	108	<	1	<	<	0.6	1	3	23	<	168	2	23	6	23	1	<	< 0.08	0.03	0.86	0.01	0.06	0.02	
LIN 8	1.3	4	31	10	397	12	<	1	<	<	<	1	3	73	<	124	2	15	5	10	1	<	< 0.15	0.02	0.26	<	0.06	0.01	
LIN 9	6.2	16	25	49	3710	76	<	1	<	<	<	3	7	9	<	107	2	16	3	7	2	<	< 0.17	0.02	4.13	<	0.07	0.01	
LIN 10	1.5	13	40	23	2408	32	<	2	<	<	0.1	3	10	28	<	119	3	24	14	27	3	1	< 0.26	0.04	1.25	0.02	0.14	0.01	
LIN 11	0.5	42	34	40	86	<	<	4	<	<	0.7	32	100	140	25	79	17	1892	76	252	5	11	< 0.58	1.67	2.50	0.47	0.02	0.01	
Winnie- 1	0.8	26	66	15	28	54	<	1	<	<	<	21	87	9	11	28	9	36	29	8	12	1	< 0.40	0.05	6.11	0.06	0.01	0.01	
Winnie- 2	1.9	8	112	62	125	43	<	2	<	<	1.0	3	8	36	<	42	9	36	37	18	8	1	< 0.36	0.05	0.86	0.04	0.12	0.02	
Winnie- 3	1.9	9	54	27	755	30	<	2	<	<	0.4	4	13	27	<	76	5	64	15	6	4	1	< 0.29	0.05	1.89	0.04	0.19	0.01	
Winnie- 4	10.0	6	151	17	197	43	<	2	<	<	0.2	1	4	38	<	57	4	33	17	68	8	1	< 0.20	0.03	0.79	0.02	0.19	0.02	
Winnie- 5	84.7	160	311	386	3208	158	<	2	<	<	1.6	4	17	11	<	169	2	30	13	13	3	<	< 0.11	0.02	0.82	0.03	0.08	0.02	
Winnie- 6	0.7	21	49	22	57	45	<	2	<	<	0.1	5	10	37	<	104	4	53	13	8	3	1	< 0.25	0.03	1.50	0.02	0.19	0.01	
Winnie- 7	0.1m	387	511	4821	1.37	189	<	2	<	<	13.9	5	10	<	128	2	27	4	12	2	<	< 0.09	0.02	2.35	0.02	0.06	0.02		
Winnie- 8	5.8	8	51	88	230	38	<	1	<	<	0.4	3	10	79	<	72	3	19	18	10	10	<	< 0.21	0.01	0.97	<	0.08	0.02	
Winnie- 9	27.5	223	1292	2144	1.77	272	<	1	<	<	7.0	3	13	<	133	<	23	5	9	9	2	<	< 0.07	0.02	2.19	<	0.05	0.01	
Winnie- 10	0.3	5	30	29	164	27	<	1	<	<	0.1	1	3	38	<	81	3	17	11	8	2	<	< 0.21	0.02	0.44	0.01	0.16	0.02	
Winnie- 11	1.9	25	26	213	9579	38	<	1	<	<	0.5	4	28	40	<	133	2	20	10	13	6	1	< 0.12	0.04	1.92	0.01	0.08	0.02	
Winnie- 12	4.8	51	38	450	7947	45	<	1	<	<	1.1	7	20	33	<	70	3	15	15	11	6	1	< 0.21	0.03	1.94	0.01	0.10	0.02	
Winnie- 13	1.0	43	25	101	1803	67	<	2	<	<	<	21	53	12	8	33	14	10	33	31	21	2	< 0.49	0.17	4.27	0.04	0.19	0.02	
Winnie- 14	0.9	15	12	35	160	359	<	2	<	<	<	26	191	8	6	99	8	14	<	6	9	1	< 0.29	0.03	5.73	0.01	0.04	0.01	
Winnie- 15	0.9	8	22	16	355	51	<	2	<	<	0.1	3	8	43	<	93	4	17	8	10	7	1	< 0.29	0.02	1.32	0.01	0.14	0.02	

10/07/97

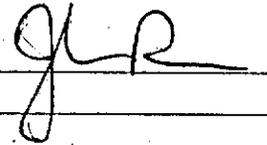
Assay Certificate

Page 1

Yukon Yellow Metal

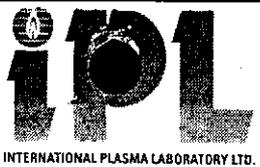
WO# 07835

Certified by



Sample #	Au ppb
Gold Box	275
L/W - 1	<5
MC - N - 1	<5
Ron - 1	<5
Ron - 2	<5
R - 3	<5
SA - 1 30p	<5
Sandy - 1	<5
Sandy - 2	<5
Sandy - 3	<5
Sandy - 4	<5
Sandy - 5	<5
Sandy - 6	5
Sandy - 7	<5
Sandy - 8	<5
Sandy - 9	<5
TR - 1	>7000
W - 1	8





# CERTIFICATE ANALYSIS

## iPL 97G0619

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

Client : Northern Analytical Laboratories  
 Project: W.O. 7835

**19 Samples**  
 19=Pulp

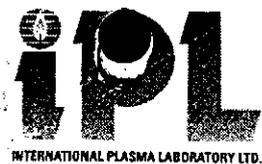
[061916:08:53:79072497]

Out: Jul 24, 1997  
 In : Jul 17, 1997

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 Section 1 of 2

Sample Name	Type	Pt ppb	Pd ppb	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
Gold Box ?	Pulp	—	—	8.4	12196	16	67	87	<5	<3	2	<10	7	0.4	10	9	112	16	40
L/W - 1	Pulp	—	—	0.2	109	15	49	32	<5	<3	3	<10	<2	0.5	22	98	241	<5	165
MC - N - 1	Pulp	—	—	0.3	35	15	29	<5	25	<3	3	<10	<2	<0.1	21	91	7	8	46
RON - 1	Pulp	—	—	<0.1	5	7	20	<5	<5	<3	3	<10	<2	<0.1	2	7	18	<5	27
RON - 2	Pulp	—	—	<0.1	6	3	11	<5	<5	<3	2	<10	<2	<0.1	3	8	32	<5	16
R - 3	Pulp	—	—	<0.1	3	<2	85	30	<5	<3	3	<10	<2	<0.1	10	39	2	<5	137
SA - 1	Pulp	<15	<5	0.3	49	24	72	284	6	<3	2	<10	<2	1.1	29	166	150	<5	205
SA - 1 30P	Pulp	—	—	<0.1	32	16	56	15	<5	<3	2	<10	<2	<0.1	24	89	156	<5	158
SANDY - 1	Pulp	—	—	<0.1	25	25	52	8	<5	<3	3	<10	<2	<0.1	23	97	175	<5	160
SANDY - 2	Pulp	—	—	<0.1	48	30	50	10	6	<3	1	<10	<2	<0.1	26	124	296	<5	186
SANDY - 3	Pulp	—	—	<0.1	36	14	59	16	<5	<3	2	<10	<2	<0.1	23	89	95	<5	155
SANDY - 4	Pulp	—	—	0.1	15	18	47	11	7	<3	2	<10	<2	<0.1	24	112	270	<5	176
SANDY - 5	Pulp	—	—	<0.1	15	4	54	7	5	<3	2	<10	<2	<0.1	22	71	448	<5	141
SANDY - 6	Pulp	—	—	<0.1	9	6	54	11	6	<3	1	<10	<2	<0.1	23	88	1513	<5	174
SANDY - 7	Pulp	—	—	<0.1	6	6	49	5	<5	<3	2	<10	<2	<0.1	20	80	358	<5	153
SANDY - 8	Pulp	—	—	<0.1	27	21	54	7	5	<3	3	<10	<2	0.5	22	85	92	<5	144
SANDY - 9	Pulp	—	—	0.1	14	4	53	8	<5	<3	2	<10	<2	<0.1	24	89	113	<5	161
TR - 1	Pulp	<15	<5	3.2	242	201	98	84	45	<3	8	<10	<2	<0.1	146	280	16	136	137
W - 1	Pulp	—	—	0.2	6	11	5	34	24	<3	1	<10	<2	<0.1	2	7	27	<5	126

Minimum Detection      15      5      0.1      1      2      1      5      5      3      1      10      2      0.1      1      1      2      5      1  
 Maximum Detection      10000      10000      100.0      20000      20000      20000      10000      1000      10000      1000      1000      10000      100.0      10000      10000      10000      1000      10000  
 Method      FA/AAS      FA/AAS      ICP      ICP  
 —=No Test      Ins=Insufficient Sample      Del=Delay      Max=No Estimate      Rec=ReCheck      m=x1000      %=Estimate %



# CERTIFICATE ANALYSIS

## iPL 97G0619

2036 Columbia Street  
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3

Client : Northern Analytical Laboratories  
 Project: W.O. 7835

**19 Samples**  
 19=PuTp

[061916:08:53:79072497]

Out: Jul 24, 1997  
 In : Jul 17, 1997

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 Section 2 of 2

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
Gold Box ? - (S) MEL	103	284	<2	6	2	<1	<0.01	0.11	1.61	5.43	5.42	<0.01	0.02	0.03
L/W - 1	65	529	17	135	4	5	0.16	2.16	1.90	2.96	2.87	0.05	0.09	0.11
MC - N - 1	19	37	68	10	19	2	<0.01	0.71	0.47	8.31	0.04	0.03	0.01	0.19
RON - 1	2	418	11	2152	2	2	<0.01	0.16	21%	1.83	3.62	0.05	0.02	0.02
RON - 2	2	259	16	2614	3	2	<0.01	0.24	22%	1.02	0.30	0.13	0.02	0.04
R - 3	28	146	51	60	2	3	<0.01	4.61	0.53	5.24	4.53	<0.01	0.02	0.13
SA - 1	73	568	38	164	3	7	0.17	2.63	2.41	3.15	3.57	0.09	0.13	0.20
SA - 1 30P	82	604	41	172	3	7	0.18	2.49	2.23	3.30	2.96	0.09	0.11	0.22
SANDY - 1	74	593	40	169	3	6	0.15	2.40	2.28	3.11	2.92	0.08	0.12	0.22
SANDY - 2	66	559	36	174	3	7	0.16	2.38	2.19	3.01	3.09	0.09	0.15	0.20
SANDY - 3	77	625	41	151	2	6	0.15	2.52	2.21	3.36	3.06	0.05	0.08	0.23
SANDY - 4	75	545	38	171	2	6	0.16	2.48	2.31	3.13	3.32	0.06	0.09	0.22
SANDY - 5	83	589	45	216	2	8	0.11	2.68	2.81	3.33	3.11	0.06	0.05	0.24
SANDY - 6	75	572	20	310	4	7	0.14	2.66	2.15	3.26	3.22	0.05	0.06	0.12
SANDY - 7	74	552	38	175	2	5	0.15	2.50	2.09	3.12	3.07	0.05	0.09	0.23
SANDY - 8	68	537	40	212	2	6	0.16	2.29	2.14	2.97	2.62	0.07	0.11	0.20
SANDY - 9	94	566	43	231	3	8	0.20	2.81	2.58	3.43	3.27	0.09	0.12	0.24
TR - 1	183	304	18	139	15	1	0.05	0.46	2.35	20%	0.41	0.02	0.02	0.10
W - 1	4	20	11	6	2	<1	<0.01	0.20	0.05	0.80	0.03	0.10	0.02	<0.01

Minimum Detection	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	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 %