PROSPECTING REPORT

for the

1993 YUKON MINING INCENTIVES PROGRAM

by

BRIAN CARTER

File No. 93-009

November 14, 1993

Areas Prospected: (105-D-09)

M°Clintock Area - Target #1

Michie Area - Target #2

Fox Lake Area - Target #3

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SUMMARY

Three target areas were prospected during the 1993 field season with assistance from the Yukon Mining Incentive Program. Each prospecting trip was successful.

McClintock Area - Target No. 1

This area has very good potential for gold and silver vein type deposits. Angular quartz vein float, quartz sweats and altered diorite produced high anomalous values for each of these minerals.

Michie Area - Target No. 2

Numerous rhyolite, rhyolite porphyry, quartz veins and basic diorites produced anomalous values in gold and arsenic. A thrust fault was traced for 4km and various rhyolite dikes were traceable for 30m to 60m; one for approximately 1km. Faulting, fracturing and veining, along with anomalous assays in gold and arsenic, make this target area a very good prospect with good possibilities of turning it into an optional property.

Fox Lake Area - Target No. 3

The ultramafic rocks underlying this target area as well as faulting, shearing, altered mariposite and quartz veining, make this a good area to look for mesothermal type gold deposits. This area warrants further prospecting and geochemical soil sampling.

McClintock Area (Target #1)

Location

Target #1 is located on map sheet 105-D-09, 60° 39.2'N, 134° 19'W.

Access

Approximately 40km southwest of Whitehorse on the Alaska Highway, 7km north on a country residential road and 6km due east off the road by helicopter.

Regional Geology

The regional rocks include metamorphosed Upper Triassic Lewes River Group volcanics and clastic sediments, Lower Jurassic Laberge Group clastic sediments, and Cretaceous granitic intrusions.

Local Geology

Fine grained banded argillite (10% pyrite), basaltic lapilli tuffs, andesitic lapilli tuffs, fractured rhyolite flows, altered diorite (tourmaline overprinting), agglomerate, andesite porphyry, feldspar tourmaline garnet hornfels, carbonized quartz feldspar rhyolite porphyry, chert bands, fettide limestone, leucocratic granite, biotite granite and quartz veins (fractured and rehealed with quartz).
Refer to Appendix A for description or rocks which gave anomalous assays.

Conclusions and Recommendations

Quartz veining and quartz vein float was anomalous in Au, Ag, Cu, Pb, Zn, As (Eg 68 ppb to 1.355 oz/ton). Rhyolite dikes produced Au values up to 582 ppb and altered diorite assayed Au at 307 ppb. Quartz float was angular to 20cm inches thick with pieces as large as 61cm by 91cm, and traced for a distance of 60.9 meters in a horizontal east to west direction. Further prospecting is warranted with emphasise given on locating quartz veins in place. Also, soil geochemical sampling and trenching could turn this target area into an optional occurrence.

105-D-9

SCALE 1:30,000

1000 2000 METRES

• Rock Sample

X GST STREAM SED. SAMPLE

~ FAULT

▲ CAMP

MICHIE CREEK

TADPOLE LAKE

MICHIE LAKE

2500

2000

3000

3500

4000

4500

37

36

35

33,34

32

31

25

23,24

21,22

1(17)Au

29,30

12

7,8

9,10

26to28

11

17to20

16

6

14,16

3to5

13

38 F-3

39

40

41

42,43,

44

45

46

47

49

48

50

51

54

52,53,

22(12)Au

Michie Area (Target #2)

Location

Target #2 is located on map sheet 105-D-09, 60° 43'N, 134° 22'W.

Access

Approximately 40km southwest of Whitehorse, a country residential road leaves the Alaska Highway heading north and is accessible by 4 wheel vehicle for 13km. It then turns into a logging road for another 7km and accessible by 4*4 truck or ATV bike depending on rainfall. Target #2 is located approximately 5km north of the logging road access on foot, climbing 760m.

Regional Geology

The local rocks are metamorphosed Upper Triassic Lewes River Group volcanics and clastic sediments, with intrusions of Cretaceous granitic Coast Mountain rocks of hornblende diorite, peridotite and serpentinite.

Local Geology

Rhyolite dikes (15) of varying widths (.6m to 6m) striking north 40°E and dipping 60°W were sampled. The dikes vary from fine grained purplish rhyolite (quartz eyes) to fractured rhyolite porphyry cut by fine veins of pink rhodonite and manganese filled fractures. Some rhyolite was invaded by quartz veins 2.5cm to 7.6cm thick and show silica flooding. Most dikes are traceable for 30m to 60m and one was followed for approximately 1km. Four quartz vein systems were sampled. Some veins are cockade, some are fractured. The largest quartz vein was traceable for approximately 60m SW and is truncated by a fault to the NE. It outcrops again 30m at a lower elevation in a saddle where it either parallels or invades a rhyolite dike traceable for 1km. The vein strikes north 40°E and dips west 60°W with widths of 38cm to 50cm. Large outcrops of peridotite and serpentine occur in the area. Also, a banded chert is exposed for a 12m length and is .9m thick on a 9m high face which strikes east-west and dips 90°. Diorite (some showing foliation), lapilli tuffs, talc seams, and an outcrop of dark bedded carbonate were sampled. An oblique thrust fault striking NW and dipping 80° was traced for approximately 4Km.
Refer to Appendix A for description of rocks which gave anomalous assay values.

Conclusions and Recommendations

Grab sample from quartz veining, diorite and rhyolites showed anomalous assay values. Of the 37 assays, 19 were above 50ppb and 11 of the 19 ranged from 135ppb to 4275ppb. Above average As and Mn values appear to relate to Au assays. Further prospecting, soil geochemical sampling and trenching is required to expose these showings for chip sampling and to determine widths. Higher Au values should make this target area a marketable prospect.

105-D-9

SCALE 1:30,000

0 1500 3000 4500 6000 7000 FEET

0 1000 2000 METRES

N

- Rock Samples (MP)
- --- RHYOLITE DIKE (QUARTZ VEIN)
- ~~~ FAULT
- ▲ CAMP

McCUSKER

McCUSKER CREEK

Byng CREEK

LEMICHIE CREEK

2500

3000

3500

18+020

21+023

51

54+56

Fox Lake Area (Target #3)

Location

Target #3 is located on map sheet 105-D-09, 60° 38.3' N, 134° 9.5' W.

Access

Approximately 40km southwest of Whitehorse on the Alaska Highway, 7km north on a country residential road and 18km east-northeast from the road by helicopter.

Regional Geology

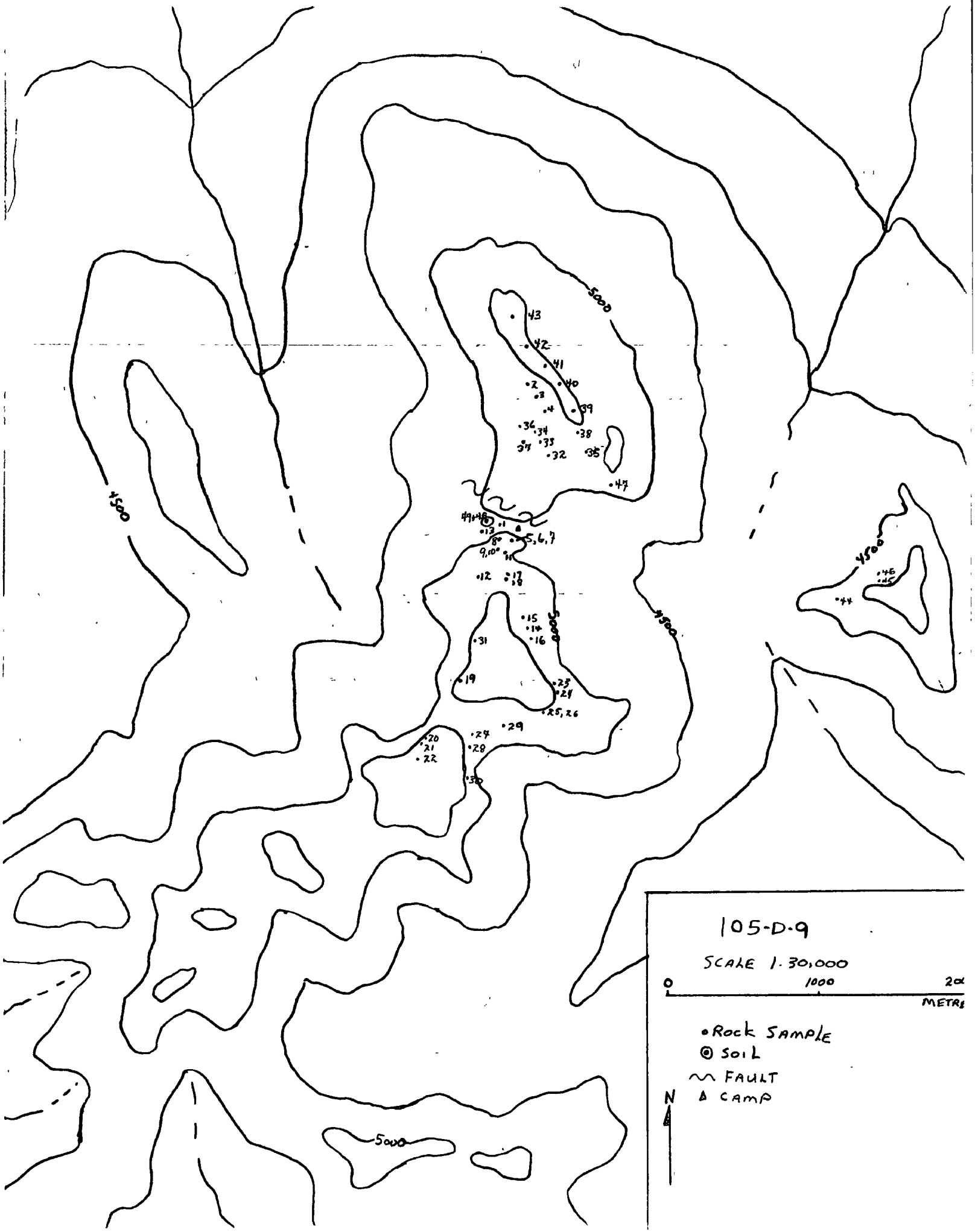
The local rocks are Upper Triassic of the Lewes River Group, Lower Triassic and later of the Laberge Group, and Cretaceous granitic and ultra mafic Coast Mountain intrusions.

Local Geology

Local rocks consist of peridotite and serpentinite (poorly formed asbestos veins and magnetite bands), conglomerates, argillite, quartzitites, fettide limestones, rhyolite and quartz veins. Old trenches found exposed a chromite lens which strikes north-south and dips 50°E. The lens pinches out to the north and is covered by overburden to the south. Visible length is 3.6m, width .6m and the depth is unknown. The showing was staked in 1968 by R.G. Hilker (39.4% Cr 5.7% Fe) then again in 1988 by Wahala Exploration LTD (28.1% Cr). The contact between the ultramafics and metasediments is in a saddle and is thought to be a fault striking east to west. Samples from this area show shearing and talc, chlorite, mariposite alteration.
Refer to Appendix A for geological descriptions of rocks which gave anomalous assay values.

Conclusions and Recommendations

The ultramafic rocks underlying the target area are a potential host for chromite, nickel-copper, platiun group mineralization. Faulting, quartz veining and altered mariposite are good indicators for mesothermal, mother lode type gold vein deposits. The target area has good potential and warrants further prospecting and geochemical soil sampling for anomalous values in the above minerals mentioned.


105-D-9
SCALE 1:30,000
0
1000
2000
METRES
• Rock Sample
◎ Soil
FAULT
▲ CAMP
N
5000
4500
4000
3500
43
42
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1993 YUKON MINING INCENTIVES PROGRAM
Brian Carter - Expense Summary

Expense Category	Target#1	Target#2	Target#3	Overall	Total
Living Expenses	1,268.40✓	581.35 ✓	369.95		2,219.70
Travel Allowance	202.94✓	50.37✓	50.37		303.68
Helicopter Rental	1,540.80✓	1,540.80✓	1,546.15 ✓		4,627.75
Plane Rental	375.00 ✓				375.00
Radio Rental	117.70 ✓	117.70✓	117.70		353.10
ATV Rental	200.00✓				200.00
ATV Fuel Cost	65.00 ✓				65.00
Assays	528.32	749.35✓	683.59		1,961.26
Miscellaneous		130.44		162.75	162.75
Follow Up/Re-Assay				67.68	67.68
Prospecting Report				150.00	150.00
Total by Project	4,298.16	3,039.57	2,767.76	380.43	$10,485.92

Credit: $10,000.00
Amount Received: 9,035.44
Amount Owing: $964.56

Notes: Miscellaneous includes maps, sample bags, air photos and bear spray repellant.

Appendix A

Geological Descriptions of Rock Grab Samples Which Showed Anomalous Assays Above 100 ppb

McClintock Area - Target #1

Sample No.	
L-8B	Altered fine grain diorite: shows tourmaline overprinting. 2% pyrite. Au 1307 ppb, Cu 124 ppm
L-11	Quartz vein float: branded rusty layers; 20.3cm thick. Sample taken from an angular piece of float 61cm by 91cm. Au 6667 ppb, Ag 307 ppm, Cu 799 ppm, Pb 11,716 ppm, Zn 1089 ppm, As 260 ppm, Sb 10 ppm. Re-assayed for Au (Fa gravimetric finish, 1.355 oz/ton).
L-13	Banded argillite: fine grained. 3% sulphides. Au 151 ppb, Sb 15ppm.
L-16	Quartz vein float: found 30m west of L-11. 3.8cm thick, fractured and rehealed with quartz. Less than 1% sulphides. Au 1030 ppb, Ag 6.2 ppm, Cu 126 ppm, Pb 3709 ppm, Zn 3899 ppm, As 20 ppm, Sb 6 ppm.
L-17	Syintic rock(?): shows tourmaline splays and feldspar carbonaceous stioliolites. Minor cubed pyrite. Au 101 ppb.

Fire Assays
Gravimetric Finish

L-7	Light coloured rhyolite. 1% sulphides. 582 ppb.
L-10	Quartz vein, 1.3cm thick, strikes N 20°W, dips 90°. Few tiny crystals. 1% sulphides. Au 445 ppb.
L-11-2	Quartz vein float: Refer to L-11. Assay is from same grab sample. Au 342 ppb.
L-18	White quartz (sweats?) fractured. Au 308 ppb.
L-F-3	White quartz vein float, angular. 5cm thick, 25cm long, 20cm wide. Rusty layers, less than 1% sulphides. Au 1585 ppb

Michie Area - Target #2

Sample No.	
MP-1A	Carbonated quartz vein, cockade texture and rusty. Au 715 ppb, As 14 ppm, Mn 469 ppm.
MP-1B	Carbonated quartz vein, fractured and 3% pyrite. Light dirty green in colour. Au 271 ppb, As 134 ppm, Mn 1116 ppm.
MP-2	Juggy quartz vein, rusty yellowish mineral. Au 135 ppb, As 188 ppm, Mn 527 ppm.
MP-4A	Rhyolite porphyry, fractured and less than 1% pyrite. Blueish mineral in fractures. Au 4,275 ppb, As 29 ppm, Mn 4413 ppm.
MP-4B	Dark purplish, fine grained rhyolite. Quartz Eyes present. Au 274 ppb, Mn 303 ppm.
MP-17	Basic diorite, 3% pyrite, magnetite and black tourmaline. Au 611 ppb.
MP-27	Rhyolite porphyry, fractured and carbonate altered. Dirty greenish-white in colour. Au 308 ppb.
MP-31	Rhyolite porphyry, fractured with less than 1% pyrite. Yellowish oxide mineral. Au 358 ppb, As 40 ppm.
MP-42	Dark, rusty, platey rock (?) Minor pyrite, fractured with quartz feldspar veinlets. Au 137 ppb.
MP-43	Lapilli tuff. Light green, fine grained with few specks of sulphides. Au 181 ppb, As 5 ppm.
MP-51	Rhyolite white, fine grained showing silica flooding of quartz veins. Au 313 ppb, As 7 ppm.
MP-54B	Altered rhyolite. Au 141 ppb, As 21 ppm.
MP-60	Rhyolite. Dirty grey, fine grained, Quartz Eyes. Au 169 ppb.

Fox Lake Area - Target #3

Sample No.	
C-1	Brecciated quartz porphyry with less than 1% sulphides. Black mineral possibly anglesite. Ag 99.9 ppm, Pb 14,676 ppm, As 16 ppm, Sb 73 ppm.
C-20	Euhedral quartz porphyry with 2% pyrite. Au 188 ppb.
C-32	Altered ultramafic rock, magnetite and pink rhodonite. Au 66 ppb, Ag 6.3 ppm, Cu 360 ppm, As 27 ppm, Sb 193 ppm.
C-49	Soil sample. Dark brown to rusty material. Small pieces of broken quartz and crystals. Au 180 ppb, As 180 ppm.

Appendix B

Assay Results

CERTIFICATE OF ANALYSIS
iPL 93G1207

iPL
INTERNATIONAL PLASMA LABORATORY LTD

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

rthern Analytical Laboratories 25 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 25= Pulp 0=Other [027915:37:45:39071593]
: Jul 15, 1993 Project: WO#13968 Raw Storage: -- -- -- -- 12Mon/Dis -- Mon=Month Dis=Discard
· Jul 12, 1993 Shipper: Norm Smith Pulp Storage: -- -- -- -- 12Mon/Dis -- Rtn=Return Arc=Archive
Shipment: ID=C030901

cument Distribution

	EN	RT	CC	IN	FX
orthern Analytical Laboratories	1	2	2	2	1
05 Copper Road	DL	3D	5D	BT	BL
hitehorse	0	0	0	1	0
T Y1A 2Z7					
TT: Norm Smith	Ph:403/668-4968				
	Fx:403/668-4890				

Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description		Element	##
01	721P	ICP	Ag	0.1	100	ppm	Ag ICP		Silver	01
02	711P	ICP	Cu	1	20000	ppm	Cu ICP		Copper	02
03	714P	ICP	Pb	2	20000	ppm	Pb ICP		Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP		Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP	5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP		Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP		Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP		Molydenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP	10 ppm	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP		Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP		Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP		Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP		Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP		Barium	14
15	727P	ICP	W	5	999	ppm	W ICP		Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP		Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP		Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP		Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP		Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP		Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP		Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP		Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP		Titanium	23
24	701P	ICP	Al	0.01	99.99	%	Al ICP		Aluminum	24
25	708P	ICP	Ca	0.01	99.99	%	Ca ICP		Calcium	25
26	712P	ICP	Fe	0.01	99.99	%	Fe ICP		Iron	26
27	715P	ICP	Mg	0.01	9.99	%	Mg ICP		Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP		Potassium	28
29	722P	ICP	Na	0.01	5.00	%	Na ICP		Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP		Phosphorus	30

elope # RT=P ort Style CC=Copies IN=Invoices FX=Fax(1=Yes 0=No)
ad 3D=3- Disk 5D=5-1/4 Disk BT=BBS Type BL=BBS(1=Yes 0=No) Totals: 2=Copy 2=Invoice 0=3-1/2 Disk 0=5-1/4 Disk

Analytical Laboratories ltd.

2-Jul-93date | Assay Certificate | Page1

Brian Carter | WO 13968

Sample	Au ppb	FIRE ASSAY oz/Ton
L- 3	13	
L- 6	23	
L- 8a	71	
L- 8b	1307	
L- 9a	16	
L- 9b	6	
LE- 9	15	
L-11	>6667	
L-13	151	
L-16	1030	
L-17	101	
L-19	12	
L-24	49	
L-26	6	
L-27	7	
L-28	10	
L-31	6	
32	4	
L-36	11	
L-39	8	
L-44	8	
L-46	9	
L-50	12	
L-54a	25	
L-54b	71	
L-4	68 ppb	<.002 oz/Ton
L-7	582 "	.017 "
L-10	445 "	.013 "
L-11-2	342 "	.010 "
L-11-RE.	46,404 "	1.355 "
L-18	308 "	.009 "

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph (403) 668-4968 Fax: (403) 668-4890

INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
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Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 93G1207

Client: Northern Analytical Laboratories iPL: 93G1207 Out: Jul 15, 1993 Page 1 of 1 Section 1 of 1
Project: WO#13968 25 Pulp In: Jul 12, 1993 Certified BC Assayer: David Chiu

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 %
L 3	P	0.3	66	19	105	<	<	<	2	<	<	<	25	23	28	<	67	98	1265	2	24	4	3	0.14	3.33	2.29	5.80	2.90	0.07	0.03	0.08
L 6	P	0.3	382	24	95	<	<	<	3	<	<	<	22	12	29	<	43	71	870	3	17	7	2	0.18	2.49	1.33	4.70	2.05	0.05	0.03	0.09
L 8A	P	0.2	214	11	156	<	<	<	1	<	<	<	24	9	100	<	18	86	688	13	262	6	4	0.21	1.61	2.16	4.12	1.23	0.12	0.12	0.47
L 8B	P	0.1	124	11	66	<	<	<	2	<	<	0.1	22	7	126	<	15	73	889	11	290	3	3	0.14	1.55	2.62	3.62	1.28	0.09	0.07	0.46
L 9A	P	0.2	142	8	57	<	<	<	1	<	<	<	27	18	36	<	32	67	597	<	27	3	2	0.27	1.95	0.49	4.20	1.66	0.01	0.04	0.04
L 9B	P	0.1	81	7	62	<	<	<	2	<	<	<	28	14	10	<	32	96	747	8	55	6	2	0.07	2.37	2.52	4.52	2.54	0.03	0.02	0.23
L11	P	30.7	799	11716	1089	260	10	<	8	<	3.2	10	9	16	<	93	451	106	6	20	2	2	<	0.58	0.25	5.60	0.34	0.11	0.01	0.19
L13	P	0.6	157	112	114	<	15	<	4	<	0.2	18	13	16	<	72	47	494	4	19	9	2	0.17	1.40	0.64	3.54	1.04	0.03	0.03	0.12
L16	P	6.2	126	3709	3899	20	6	<	4	<	4.7	4	8	<	13	130	27	138	2	11	1	1	<	0.20	0.11	0.94	0.23	0.01	0.01	0.05
L17	P	0.1	10	67	77	<	<	<	1	<	<	0.1	5	14	168	<	19	3	273	23	27	17	1	<	0.42	0.85	0.98	0.13	0.12	0.03	0.03
L19	P	0.5	145	53	94	10	<	<	3	<	<	<	30	14	58	<	9	75	991	2	351	3	7	<	2.96	5.80	6.92	1.83	0.12	0.02	0.08
L24	P	0.3	130	17	63	<	5	<	2	<	<	<	24	24	20	<	59	50	564	<	28	6	2	0.21	2.09	2.08	3.54	1.91	0.07	0.03	0.07
L26	P	0.2	16	12	53	320	25	3	5	<	<	<	57	696	11	<	1221	98	784	20	492	5	15	0.01	2.67	6.98	4.98	7.81	0.02	0.01	0.32
L27	P	0.3	24	25	74	<	<	<	3	<	0.2	11	16	21	<	49	84	1264	17	384	7	10	0.01	1.57	4.17	3.63	1.25	0.03	0.03	0.18
L28	P	0.3	156	10	115	<	<	<	3	<	<	<	31	26	37	<	48	202	1116	<	13	4	5	0.26	3.49	0.64	7.29	2.86	0.02	0.03	0.10
L31	P	0.3	37	4	100	<	<	<	2	<	<	<	34	88	30	<	107	70	678	<	18	4	3	0.14	2.44	1.13	4.81	2.53	0.10	0.03	0.06
L32	P	0.2	109	4	56	<	<	<	2	<	0.1	27	43	17	<	66	66	594	<	45	4	3	0.24	1.94	2.18	3.85	1.71	0.01	0.04	0.06
L36	P	0.1	111	7	62	<	6	<	2	<	<	<	29	27	7	<	48	69	608	<	24	4	2	0.19	2.06	0.86	4.37	1.84	0.01	0.03	0.06
L39	P	<	12	13	42	5	5	<	2	<	0.3	7	6	56	<	45	39	390	7	17	7	2	0.06	0.95	0.45	2.14	0.86	0.07	0.04	0.06
L44	P	<	34	10	178	<	<	<	2	<	2.3	4	5	78	5	32	15	410	7	33	3	1	0.03	0.93	1.62	1.04	0.54	0.08	0.04	0.04
L46	P	0.2	5	8	29	<	<	<	3	<	<	<	7	4	45	<	38	26	251	5	76	11	2	0.08	2.02	0.86	2.25	0.65	0.61	0.26	0.09
L50	P	0.2	65	7	48	5	<	<	2	<	<	<	19	39	113	<	88	115	220	4	26	2	2	0.26	1.32	0.47	2.73	1.02	0.85	0.08	0.10
L54A	P	0.8	250	15	32	24	<	<	3	<	<	<	44	355	121	<	99	46	140	116	507	6	1	0.11	3.56	4.50	4.01	0.83	0.44	0.06	1.09
L54B	P	0.3	86	13	51	<	<	<	3	<	<	<	26	24	230	<	60	116	384	10	106	3	6	0.28	2.33	1.67	4.01	1.49	0.88	0.20	0.17
LE9	P	<	36	4	13	10	<	<	2	<	<	<	2	4	54	<	47	4	108	5	21	6	<	<	0.19	0.33	0.54	0.04	0.09	0.03	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	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

Test: -Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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05-Aug-93date | Assay Certificate | Page1

Brian Carter | WO 00252

Sample	Au ppb
MP 1A	715
MP 1B	271
MP 1C	41
MP 2	135
MP 4A	4275
MP 4B	274
MP 5	30
MP 8	30
MP 12	6
MP 16	70
MP 17	611
MP 18	59
MP 19	77
MP 20	28
MP 24	34
MP 25	3
MP 30	11
MP 31	358
MP 36	26
MP 37	90
MP 38	11
MP 39	14
MP 43	181
MP 45	10
MP 48	19
MP 50	65
MP 51	313
MP 54A	20
MP 54B	141
MP 56	9
MP 57	22
MP 58	10
MP 59	<5
MP 60	169
MP 61	50

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CERTIFICATE OF ANALYSIS
iPL 93H0611

Client: Northern Analytical Laboratories iPL: 93H0611 Out: Aug 11, 1993 Page 1 of 1 Section 1 of 2
Project: WO=00252 39 Soil In: Aug 06, 1993 Certified BC Assayer: David Chiu

Sample Name		Au 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	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
MP 1A	P	745	1.8	3	<	4	14	5	<	5	<	<	0.1	3	9	4	<	166	6	469	<	53	<	2	<	0.05	3.09	1.07	1.52	0.02	0.02	<
MP 1B	P	271	0.8	128	7	24	134	<	<	3	<	<	<	34	89	20	<	253	120	1116	<	111	<	32	<	1.76	6.79	4.33	6.65	0.09	0.02	<
MP 1C	P	41	0.3	36	13	30	103	11	<	3	<	<	1.7	21	86	39	<	166	49	1040	<	108	1	24	<	0.95	10.29	3.48	4.48	0.17	0.02	0.02
MP 2	P	155	1.2	21	237	39	188	<	<	4	<	<	0.5	14	18	30	<	157	26	527	<	4	<	3	<	0.34	0.16	2.67	0.25	0.08	0.03	<
MP 4A	P	4835	0.4	2	23	21	29	<	<	3	<	<	<	1	12	90	<	76	3	4413	9	19	5	1	<	0.70	0.11	0.58	1.42	0.14	0.06	<
MP 4B	P	234	0.2	2	17	21	<	<	<	4	<	<	<	1	5	27	<	163	<	303	19	3	11	<	<	0.34	0.02	0.48	0.04	0.19	0.12	<
MP 5	P	30	0.4	114	9	92	<	<	<	3	<	<	<	21	11	<	<	34	161	506	<	4	4	6	0.32	2.25	0.66	4.62	2.38	0.03	0.08	0.07
MP 8	P	30	<	3	16	4	5	<	<	4	<	<	<	1	5	94	<	110	2	64	9	190	2	<	0.01	5.64	3.46	0.24	0.22	0.05	0.17	<
MP 12	P	6	<	2	20	22	<	<	<	2	<	<	<	1	7	51	<	61	3	224	18	3	26	<	0.01	0.32	0.04	0.39	0.21	0.11	0.05	<
MP 14	P	<	0.1	<	3	17	<	9	<	3	<	<	0.4	70	0.1%	3	<	364	18	508	<	1	1	4	<	0.23	0.17	3.82	17%	<	0.01	<
MP 15	P	<	<	4	3	29	<	27	<	3	<	<	<	82	0.2%	<	<	1380	35	621	<	<	<	6	0.01	0.51	0.04	4.16	19%	<	0.02	<
MP 16	P	20	0.2	2	2	8	<	9	<	5	<	<	<	44	818	13	<	430	15	429	<	24	1	5	<	0.20	2.00	3.67	13%	<	0.02	<
MP 17	P	611	0.2	7	3	4	<	<	<	1	<	<	<	18	9	5	<	42	120	52	<	8	4	1	0.27	0.22	0.54	3.09	0.12	0.01	0.07	0.08
MP 18	P	59	<	3	24	19	<	<	<	2	<	<	<	1	9	9	<	71	2	120	7	1	6	1	0.01	0.23	0.03	0.38	0.08	0.09	0.08	<
MP 19	P	22	0.1	2	<	6	<	<	<	4	<	<	<	1	8	6	<	147	2	113	3	1	4	1	<	0.12	0.01	0.28	0.17	0.01	0.04	<
MP 20	P	28	0.4	5	14	8	7	<	<	3	<	<	<	1	6	18	<	129	<	345	5	1	2	<	<	0.15	0.02	0.31	0.04	0.02	0.06	<
MP 24	P	31	0.1	17	15	6	<	<	<	2	<	<	<	1	2	23	<	61	<	46	9	2	5	<	<	0.31	0.02	0.30	0.09	0.11	0.07	<
MP 25	P	3	0.2	3	2	2	5	<	<	5	2	<	<	1	4	3	<	196	<	29	<	<	<	1	<	0.03	<	0.27	0.02	0.01	0.03	<
MP 30	P	11	0.1	2	12	9	<	<	<	6	<	<	<	1	4	14	<	185	<	308	15	4	4	<	0.02	0.21	0.12	0.52	0.02	0.12	0.08	<
MP 31	P	358	0.2	4	26	15	40	<	<	3	<	<	<	<	14	30	<	79	<	178	8	2	5	1	<	0.48	0.02	0.30	0.59	0.09	0.06	<
MP 33	P	<	<	<	4	18	5	18	<	3	<	<	0.3	79	0.1%	4	<	991	30	554	<	1	1	5	<	0.31	0.68	3.84	17%	<	0.01	<
MP 36	P	26	0.2	2	16	22	<	<	<	4	<	<	0.1	1	9	112	<	90	2	183	22	6	8	<	0.01	1.07	0.04	0.35	1.36	0.24	0.05	0.01
MP 37	P	90	0.3	2	11	29	<	<	<	4	<	<	<	1	8	66	<	125	2	248	5	2	9	1	<	0.57	0.02	0.78	0.89	0.14	0.05	<
MP 38	P	11	0.1	2	19	33	<	<	<	3	<	<	<	<	6	73	<	98	<	306	7	3	9	<	<	0.30	0.03	0.39	0.10	0.19	0.06	<
MP 39	P	14	0.2	4	12	29	<	<	<	3	<	<	<	<	6	34	<	111	2	54	5	2	11	<	<	0.33	0.04	0.45	0.13	0.10	0.10	<
MP 43	P	181	0.2	27	2	3	5	<	<	2	<	<	0.1	1	1	14	<	49	4	59	<	25	2	1	0.05	0.18	5.93	0.28	0.70	0.01	0.08	0.01
MP 45	P	10	0.2	17	6	35	<	<	<	2	<	<	<	1	3	8	<	119	4	164	<	1	1	6	0.01	0.55	0.03	1.90	0.23	0.01	0.06	0.01
MP 48	P	17	0.2	92	8	29	27	21	<	3	<	<	<	37	299	<	<	1009	115	1133	<	79	1	28	0.01	3.11	6.39	4.30	8.54	0.04	0.02	<
MP 50	P	65	0.6	19	13	12	997	<	<	2	<	<	<	35	21	21	<	14	67	1048	4	11	2	20	<	0.68	0.16	11.84	0.21	0.13	0.06	0.07
MP 51	P	313	0.1	4	7	7	7	<	<	3	<	<	<	1	8	9	<	100	3	142	5	2	8	1	<	0.24	0.09	0.30	0.13	0.01	0.09	<
MP 53	P	<	0.1	4	3	39	<	21	3	4	<	<	<	86	0.1%	<	<	956	29	662	<	4	1	5	<	0.25	0.48	4.72	19%	<	0.02	<
MP 54A	P	20	0.1	9	3	22	<	<	<	2	<	<	<	1	5	5	<	83	4	184	<	1	1	6	0.02	0.45	0.21	1.31	0.26	<	0.09	<
MP 54B	P	141	0.3	19	3	36	21	<	<	2	<	<	<	1	3	11	<	61	6	127	3	1	1	6	<	0.43	0.02	1.43	0.16	<	0.08	0.01
MP 56	P	9	0.2	57	11	82	<	<	<	2	<	<	<	32	8	4	<	23	173	540	<	5	2	4	0.23	2.58	0.62	6.06	2.37	<	0.08	0.08
MP 57	P	22	0.3	2	11	12	<	<	<	1	<	<	<	5	12	296	<	51	6	233	<	62	<	1	0.06	1.66	1.18	0.74	0.82	0.08	0.10	0.01
MP 58	P	10	0.3	4	38	21	10	<	<	1	<	<	<	2	135	53	<	45	2	229	10	4	17	2	<	0.78	0.03	1.15	1.06	0.07	0.09	<
MP 59	P	55	0.2	1	17	14	<	<	<	2	<	<	<	1	3	36	<	85	2	103	20	3	35	1	0.01	0.43	0.02	0.45	0.10	0.16	0.09	<
MP 60	P	169	0.2	2	12	19	<	<	<	2	<	<	<	1	29	42	<	65	2	120	21	2	33	1	<	0.62	0.03	0.46	0.69	0.10	0.08	<
MP 61	P	50	0.1	2	17	18	<	<	<	2	<	<	<	1	6	143	<	90	<	388	22	4	9	1	<	0.45	0.06	0.52	0.17	0.17	0.11	0.01
Min Limit		2	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
Max Reported*		9999	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method		FAAA	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 *=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefine m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93H0611

Client: Northern Analytical Laboratories iPL: 93H0611 Out: Aug 11, 1993 Page 1 of 1 Section 2 of 2
Project: WO=00252 39 Soil In: Aug 06, 1993 Certified BC Assayer: David Chiu

Sample Name		Pt ppb	Pd ppb
MP 1A	P	---	---
MP 1B	P	---	---
MP 1C	P	---	---
MP 2	P	---	---
MP 4A	P	---	---
MP 4B	P	---	---
MP 5	P	---	---
MP 8	P	---	---
MP 12	P	---	---
MP 14	P	15	37
MP 15	P	<	12
MP 16	P	---	---
MP 17	P	---	---
MP 18	P	---	---
MP 19	P	---	---
MP 20	P	---	---
MP 24	P	---	---
MP 25	P	---	---
MP 30	P	---	---
MP 31	P	---	---
MP 33	P	<	14
MP 36	P	---	---
MP 37	P	---	---
MP 38	P	---	---
MP 39	P	---	---
MP 43	P	---	---
MP 45	P	---	---
MP 48	P	---	---
MP 50	P	---	---
MP 51	P	---	---
MP 53	P	35	19
MP 54A	P	---	---
MP 54B	P	---	---
MP 56	P	---	---
MP 57	P	---	---
MP 58	P	---	---
MP 59	P	---	---
MP 60	P	---	---
MP 61	P	---	---
Min Limit		15	5
Max Reported*		10000	10000
Method		FA/AAS	FA/AAS

---=No Test ins-Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93I1308

Northern Analytical Laboratories

Out: Sep 16, 1993 Project: 00282
In : Sep 13, 1993 Shipper: Norm Smith
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Msg: Au Pt Pd(FA/AAS)30g
Msg:

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7 Samples

	0= Rock	0= Soil	0= Core	0=RC Ct	7= Pulp	0=Other
Raw Storage:	--	--	--	--	12Mon/Dis	--
Pulp Storage:	--	--	--	--	12Mon/Dis	--

[047315:19:53:39091693]
Mon=Month Dis=Discard
Rtn=Return Arc=Archive

Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description	Element	##
01	312P	FAAA	Au	5	9999	ppb	Au Fire Assay/AAS finish	Gold	01
02	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	02
03	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	03
04	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	04
05	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	05
06	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	06
07	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	07
08	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	08
09	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	09
10	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	10
11	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	11
12	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	12
13	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	13
14	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	14
15	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	15
16	727P	ICP	W	5	999	ppm	W ICP	Tungsten	16
17	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	17
18	729P	ICP	V	2	999	ppm	V ICP	Vanadium	18
19	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	19
20	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	20
21	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	21
22	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	22
23	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	23
24	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	24
25	701P	ICP	Al	0.01	99.99	%	Al ICP	Aluminum	25
26	708P	ICP	Ca	0.01	99.99	%	Ca ICP	Calcium	26
27	712P	ICP	Fe	0.01	99.99	%	Fe ICP	Iron	27
28	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	28
29	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	29
30	722P	ICP	Na	0.01	5.00	%	Na ICP	Sodium	30
31	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	31
32	341P	FA/AAS	Pd	5	10000	ppb	Pd Fire Assay/AAS finish	Palladium	32
33	331P	FA/AAS	Pt	15	10000	ppb	Pt Fire Assay/AAS finish	Platinum	33

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20-Sep-93date | Assay Certificate | Page1

Brian Carter | WO 00282

Sample	Au ppb	Au oz/ton
C-1	11	
C-5	5	
C-7	8	
C-11	10	
C-12	7	
C-13	17	
C-14	7	
C-17	17	
C-19	9	
C-20	188 ✓	
C-22	9	
C-23	14	
C-25	<5	
C-29	9	
C-30	10	
C-31	9	
C-44	<5	
-45	7	
L-14-15	8	
L-20	55	
L-29	6	
C-49	180 ✓	
L-4		<0.002
L-7		0.017
L-10		0.013
L-11-2		0.010
L-18		0.009
MP-27		0.009
MP-42		0.004
L-11-RE		1.355

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CERTIFICATE OF ANALYSIS
iPL 93I1307

Client: Northern Analytical Laboratories iPL: 93I1307 Out: Sep 16, 1993 Page 1 of 1 Section 1 of 1
Project: 00282 22 Pulp In: Sep 13, 1993 Certified BC Assayer: David Chiu

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 %
C- 1	P	0.1m	65	14676	21	16	73	<	2	<	2	0.4	1	5	4	<	67	9	70	<	9	1	2	<	0.37	0.30	0.34	0.06	0.25	0.03	0.01
C- 5	P	<	6	41	26	<	<	<	1	<	<	<	3	7	85	<	28	7	82	4	20	10	1	<	0.46	0.35	0.74	0.34	0.07	0.07	0.04
C- 7	P	0.1	46	21	64	<	<	<	4	<	<	<	4	18	85	<	71	34	173	5	10	1	3	<	1.06	0.18	2.94	0.99	0.10	0.03	0.03
C-11	P	3.9	33	523	97	16	<	<	4	<	<	<	21	39	117	<	71	134	853	13	180	2	11	<	2.62	3.11	5.05	3.11	0.12	0.14	0.18
C-12	P	0.3	22	141	10	<	<	<	1	<	<	<	1	3	48	<	42	2	99	11	4	10	<	<	0.40	0.06	0.77	0.08	0.11	0.06	0.01
C-13	P	<	12	5	48	<	<	<	4	<	<	<	15	15	10	<	99	78	284	<	123	3	3	0.22	1.18	3.13	2.37	1.11	<	0.02	0.04
C-14	P	<	9	88	7	<	<	<	6	<	<	<	1	6	4	<	215	5	89	<	1	<	1	<	0.05	0.03	0.53	0.01	<	0.02	<
C-17	P	<	12	90	77	118	12	<	4	<	<	0.2	<	2	22	<	103	5	33	5	3	2	<	<	0.24	0.05	0.59	0.02	0.15	0.02	<
C-19	P	<	59	8	101	<	<	<	5	<	<	<	21	37	21	<	98	84	601	<	52	5	5	0.21	2.27	2.22	4.16	2.04	0.08	0.04	0.07
C-20	P	0.3	44	15	66	8	8	<	7	<	<	<	61	530	57	<	726	100	919	26	589	9	13	0.01	2.83	9.33	5.01	11%	0.03	0.01	0.31
C-22	P	0.2	30	13	45	<	<	<	4	<	<	<	34	44	57	<	44	128	1068	5	234	2	11	0.05	4.40	4.42	5.50	3.62	0.15	0.38	0.09
C-23	P	0.7	93	7	35	7	<	<	4	<	<	2.0	6	10	68	<	28	6	1086	13	1408	1	3	<	0.21	20.64	1.73	0.20	0.07	0.02	0.04
C-25	P	0.4	92	12	67	12	<	<	3	<	<	<	33	80	238	<	170	96	837	7	392	1	17	<	2.23	7.02	5.53	4.29	0.13	0.02	0.60
C-29	P	<	10	23	35	97	<	<	1	<	<	<	1	3	81	<	28	2	925	15	21	11	1	<	0.44	0.31	0.72	0.08	0.15	0.06	0.01
C-30	P	<	4	18	35	17	<	<	4	<	3	<	1	5	136	<	71	4	319	16	16	8	1	<	0.40	0.24	0.74	0.14	0.21	0.05	0.02
C-31	P	<	67	5	62	<	<	<	4	<	<	<	26	52	8	<	115	81	769	<	72	4	4	0.20	2.53	3.80	4.06	2.39	0.04	0.03	0.05
C-44	P	<	<	<	9	<	5	<	3	<	<	<	46	521	6	<	191	9	704	<	7	<	5	<	0.06	0.54	3.42	14%	<	0.02	<
C-45	P	<	4	3	14	31	7	<	4	<	<	<	65	0.1%	10	<	278	15	635	<	21	<	5	0.01	0.15	0.77	4.31	20%	<	0.02	<
C-49	P	0.1	139	3	81	180	7	<	1	<	<	<	33	115	62	<	138	63	795	<	8	<	16	0.01	1.06	0.11	5.47	0.78	0.06	0.02	0.02
L-14-15	P	<	2	20	23	4	<	<	1	<	<	<	3	26	96	<	36	2	230	23	12	15	1	<	0.37	0.50	0.67	0.43	0.18	0.05	0.02
L-20	P	0.1	54	8	98	<	<	<	4	<	2	<	26	24	25	<	15	158	976	<	72	1	10	0.27	3.03	3.45	6.84	1.84	0.12	0.04	0.08
L-29	P	<	6	19	21	<	<	<	2	<	<	<	5	70	70	<	50	4	187	5	19	11	1	0.01	0.43	0.51	0.90	1.11	0.11	0.06	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefine m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93I1308

Client: Northern Analytical Laboratories iPL: 93I1308 Out: Sep 16, 1993 Page 1 of 1 Section 1 of 2
Project: 00282 7 Pulp In: Sep 13, 1993 Certified BC Assayer: David Chiu

Sample Name		Au 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	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
C- 3	P	9	<	<	3	19	<	11	<	3	<	2	0.3	76	0.2%	2	<	530	5	571	<	1	<	2	<	0.07	0.05	3.21	20%	<	0.01	<
C-32	P	66	6.3	360	81	60	27	193	<	3	<	<	2.3	57	0.1%	30	<	158	8	527	<	4	<	3	<	0.12	0.29	2.55	19%	<	0.02	<
C-34	P	<	<	35	2	13	10	31	<	3	<	<	<	90	0.1%	239	<	1585	35	358	<	7	<	8	0.01	0.65	0.55	4.50	17%	0.01	0.01	<
C-35	P	<	<	11	2	12	24	21	<	3	<	<	0.2	68	0.2%	9	<	980	16	321	<	1	<	4	<	0.20	0.06	2.61	19%	<	0.01	<
C-36	P	<	0.2	14	3	15	13	27	<	4	<	<	<	84	0.1%	35	<	1417	40	756	<	3	<	9	0.01	0.82	0.22	4.53	20%	<	0.01	<
C-37	P	<	<	6	9	53	<	<	<	4	<	<	<	31	149	20	<	168	168	853	<	21	1	18	0.08	2.86	2.56	5.50	4.62	0.01	0.04	0.02
C-41	P	<	<	6	2	12	36	14	<	4	<	<	<	77	0.1%	9	<	680	25	681	<	2	<	6	<	0.29	0.48	4.12	17%	<	0.01	<
Min Limit		5	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
Max Reported*		9999	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method		FAAA	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 i==Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefiner m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93I1308

Client: Northern Analytical Laboratories iPL: 93I1308 Out: Sep 16, 1993 Page 1 of 1 Section 2 of 2
Project: 00282 7 Pulp In: Sep 13, 1993 Certified BC Assayer: David Chiu

Sample Name		Pd ppb	Pt ppb
C- 3	P	<	<
C-32	P	<	17
C-34	P	14	17
C-35	P	9	34
C-36	P	5	19
C-37	P	9	22
C-41	P	14	20
Min Limit		5	15
Max Reported*		10000	10000
Method		FA/AAS	FA/AAS

---=No Test in[illegible]sufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined Estimate/1000 %=Estimate % Max=No Estimate

Northern Analytical Laboratories ltd.

22-Oct 93date | Assay Certificate | Page1

Brian Carter | WO 00350

Sample	Au ppb	Au oz/ton	Ag ppm
L-11-3		<0.002	0.1
L-F-3	1585		
MP-2-2	40		
L-45	31		

Certified by

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10-Nov-93date | Assay Certificate | Page1

Brian Carter | WO 00376

Sample	Ag ppm
C - 1	117

Note: Sample from W O.#00282

Certified by

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph (403) 668-4968 Fax (403) 668-4890

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CERTIFICATE OF ANALYSIS
iPL 93J1514

Client: Northern Analytical Laboratories iPL: 93J1514 Out: Oct 20, 1993 Page 1 of 1 Section 1 of 1
Project: WO 00350 1 Pulp In: Oct 15, 1993 Certified BC Assayer: David Chiu

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 %
L-4S	P	0.1	18	14	62	21	<	<	11	<	<	<	4	5	114	<	95	18	278	14	16	18	1	0.03	0.74	0.39	1.50	0.42	0.13	0.07	0.04
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	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefine =Estimate/1000 %=Estimate % Max=No Estimate

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