



**1998 PROSPECTING REPORT**

**BOLDER CLAIMS YC08187-YC08203**

**115 F9 EDITH CREEK 40 degrees latitude/140 longitude**

**WHITEHORSE MINING DISTRICT**

YUKON ENERGY, MINES  
& RESOURCES LIBRARY  
P.O. BOX 2703  
WHITEHORSE, YUKON Y1A 2G6

**Submitted by: GLORIA KERWIN, Gen. Delivery,**

**Whitehorse, Yukon, Y1A 3S7**

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## LOCATION/ACCESS

A 100mt stream sediment sampling program was conducted on the Bolder claims, 1-16, grant numbers YC08187-203, claim sheet 115 F9, Whitehorse mining district, including Edith Creek and two pups, #1 and #2 that drain into Edith Creek on claims #2 and #4. The Bolder claims are located just below the headwaters for Edith Creek and across from the Narnia claims held by Archer Cathro. (map , page 2). The Bolder claims are located 300km from Whitehorse, in the St. Elias Mountains near the Denali fault zone, Wrengallia Terrain. (map #1, page 3).

Road access is via the Alaska Highway to mile 1147, 300 km from Whitehorse, then by helicopter or walk in 12km on game trails. An old cat road is shown on the claim sheet, but has grown in and is seldom visible now.

## PROGRAM

The rationale for the project was to determine the extent of mineralization that was indicated in earlier (1994) random sampling (rock) of this area where high values of 6.67 grams per ton were assayed. Research of mining activity in this area also indicated that there may be platinum group potential to be explored as the properties are located over a fault trend between the Wellgreen and Canalask properties.

A 100mt grid sampling of stream sediments was assayed for 32 elements, through the Northern Analytical Labs in Whitehorse. Ten test pits were dug by hand in the area of a low magnetic anomaly where consistent AU, CU, As results indicated more concentrated exploration is warranted. The low mag anomaly in proximity to highly magnetic rock indicates the possibility of a Rhyolite pluton and possible epithermal type deposit in this area. Further exploration will be required to determine this. (aeromagnetic survey map #2, page 3). An interesting Ni, Co, relationship as well as Cr, and Ag values indicate a possible relationship to platinum mineralization, and will require more detailed analysis to establish.

## GEOLOGY

Permian basic lavas, pyroclastics and minor interclated cherty sedements. Volcanic rocks are intruded by small gabbro plugs and dykes, a large diorite stock and small quartz monzonite plug. The area is in the Wangallia Terrain, on the edge of a recently glaciated area.

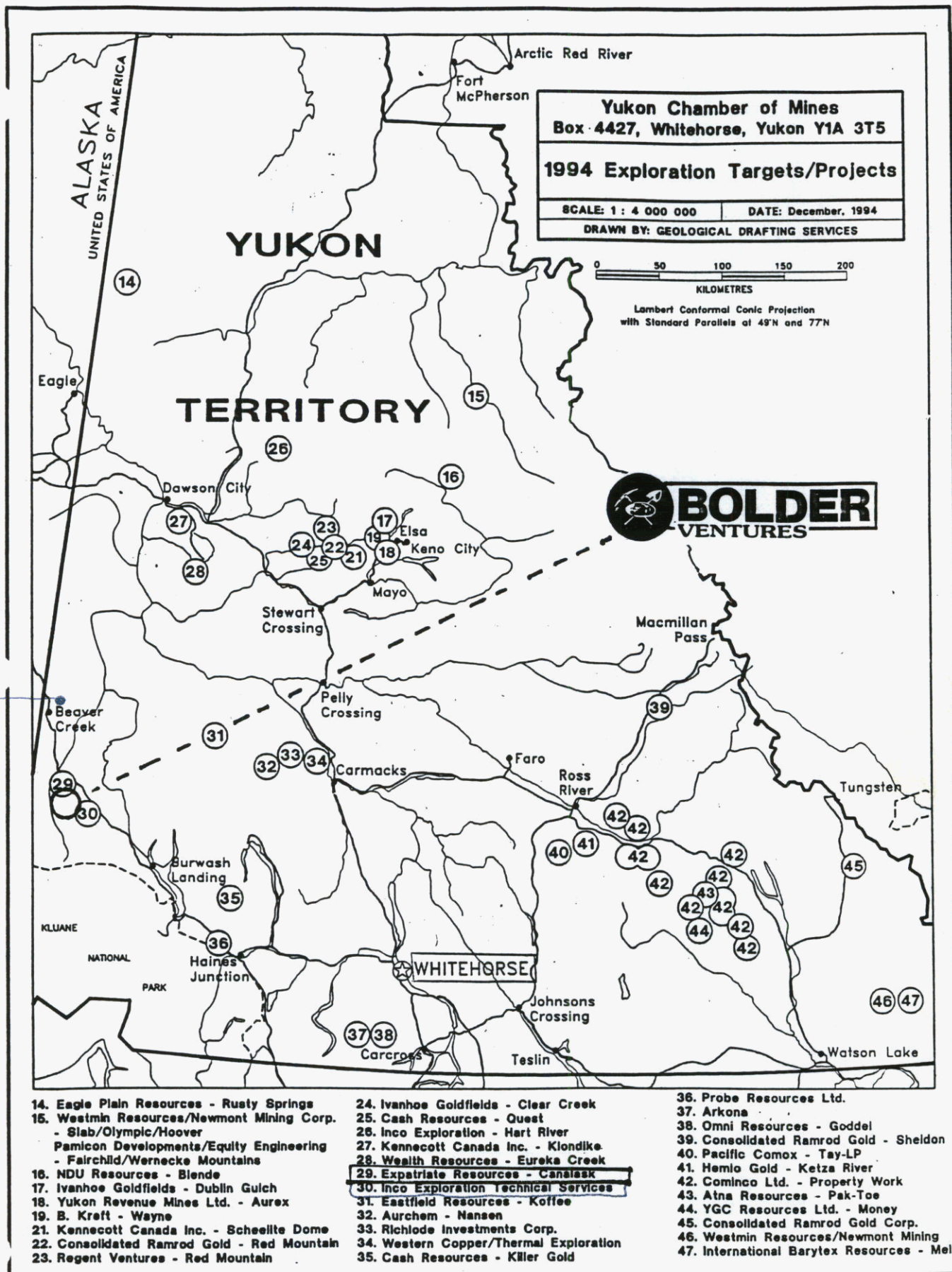
Property geology includes very weathered sedimentary host rock with vuggy, chalcedonic quartz, highly oxidized, dark green with dark red stain, and a dolomite in association with a gossan at the higher areas just above claim # 15 and 16, @ 6,000' elevation. Pups #1 and #2 begin just below this gossan which occurs in a 'saddle' between two high peaks above the properties, (see picture,

page 4). A ridge above these claims has an exposed calcite 'cap' with a pale blue tinge. Recent volcanic activity in this area is indicated by extensive basalts of mafic ultramafic origins, as well as a coarse volcanic ash present throughout the properties. A high incidence of calcopyrite and arsenopyrites is present in host rocks.

#### CONCLUSIONS/RECOMMENDATIONS

The work program completed this year indicates that further exploration of the two low mag areas on the Bolder claims is warranted to determine the possibility of an epithermal deposit in these locations. Target evaluation will include removal of the overburden to bedrock, with a drill program to yield core samples of this area. Further exploration of the gossan at the higher level, with trenching to prove up the existence of an area of enrichment. There appears to be a structure indicated with outcrop from 150mtr on the right of #1 pup to 700mtr, the same outcrop on the left side of #2 pup at the same distance on both pups. Au,Cu,As values increasing in the higher levels. Both pups originate from the 'saddle' like formation where the gossan is located.



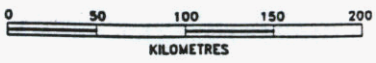


**Yukon Chamber of Mines**  
 Box 4427, Whitehorse, Yukon Y1A 3T5

**1994 Exploration Targets/Projects**

SCALE: 1 : 4 000 000      DATE: December, 1994

DRAWN BY: GEOLOGICAL DRAFTING SERVICES



Lambert Conformal Conic Projection  
 with Standard Parallels at 49°N and 77°N



*Moosehorn*

- |   |   |   |
|---|---|---|
| 14. Eagle Plain Resources - Rusty Springs   | 24. Ivanhoe Goldfields - Clear Creek    | 36. Probe Resources Ltd.                  |
| 15. Westmin Resources/Newmont Mining Corp. - Slab/Olympic/Hoover Pamicon Developments/Equity Engineering - Fairchild/Wernecke Mountains | 25. Cash Resources - Quest              | 37. Arkona                                |
| 16. NDU Resources - Blende  | 26. Inco Exploration - Hart River       | 38. Omni Resources - Goddel               |
| 17. Ivanhoe Goldfields - Dublin Gulch   | 27. Kennecott Canada Inc. - Klondike    | 39. Consolidated Ramrod Gold - Sheldon    |
| 18. Yukon Revenue Mines Ltd. - Aurex  | 28. Wealth Resources - Eureka Creek     | 40. Pacific Comox - Tay-LP                |
| 19. B. Kreft - Wayne  | 29. Expatriate Copper - Canaask         | 41. Hemlo Gold - Ketzia River             |
| 21. Kennecott Canada Inc. - Scheelite Dome  | 30. Inco Exploration Technical Services | 42. Cominco Ltd. - Property Work          |
| 22. Consolidated Ramrod Gold - Red Mountain   | 31. Eastfield Resources - Koffee        | 43. Atna Resources - Pak-Toe              |
| 23. Regent Ventures - Red Mountain  | 32. Aurchem - Nansen                    | 44. YGC Resources Ltd. - Money            |
|   | 33. Richlode Investments Corp.          | 45. Consolidated Ramrod Gold Corp.        |
|   | 34. Western Copper/Thermal Exploration  | 46. Westmin Resources/Newmont Mining      |
|   | 35. Cash Resources - Killer Gold        | 47. International Barytex Resources - Mel |

ALASKA

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HIGHWAYS AND ROADS

BEAVER CREEK

FARO

TUNGSTEN

CARMACKS

ROSS RIVER

HAINES JUNCTION

WHITEHORSE

WATSON LAKE

CARCROSS

HAINES

SKAGWAY

ATLIN

SCALE (APPROX)  
1: 4,000,000  
1"= 65 MILES

© MBL

BRITISH COLUMBIA



• low mag. area  
 • stream sediment sampling program  
 • test pits 3'x4'x6'deep

115-F9

5  
 NARNIA  
 YA61609 YA61610  
 6





Au-assay results-

Fault

Cre

BOLDER

BOLDER

BOLDER

YC08187

YC08189

YC08190

YC08192

YC08193

YC08194

YC08188

YC08197

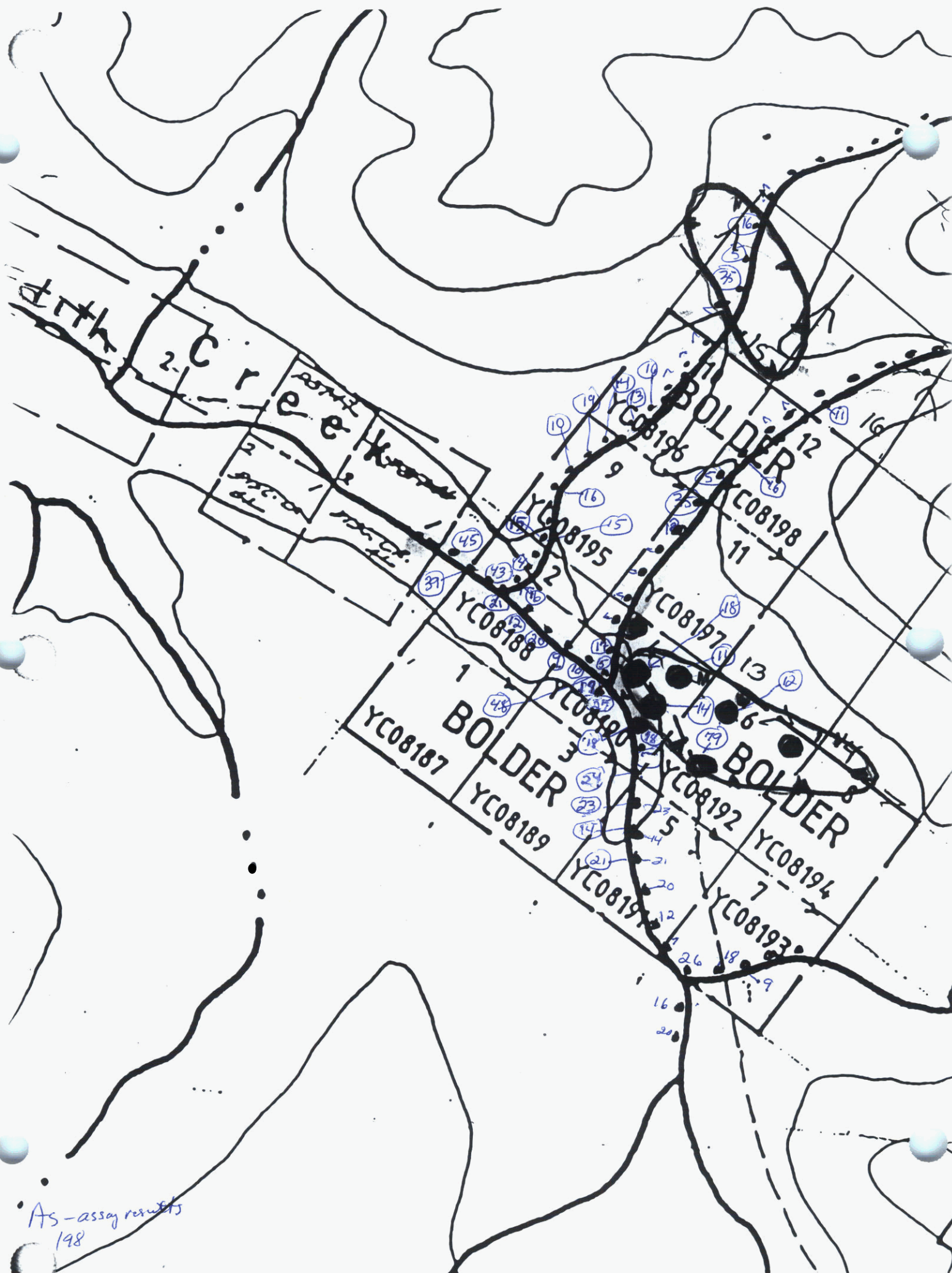
YC08198

YC08196

YC08195







As-assay results  
198



**CERTIFICATE OF ANALYSIS**  
**IPL 98F0584**

*total 97 samples*

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

**Northern Analytical Laboratories**

**14 Samples**

Out: Jun 26, 1998 In: Jun 22, 1998

[058418:00:02:89062698]

Project : WO#5503  
Shipper : Norm Smith  
Shipment: PO#: 054556

**Analysis:**  
Au/Pt/Pd(FA/AAS 30)  
ICP(AqR)30

**Comment:**

| CODE                      | AMOUNT | TYPE   | PREPARATION DESCRIPTION                 | PULP                          | REJECT     |       |       |
|---------------------------|--------|--------|---|-------------------------------|------------|-------|-------|
| B311                      | 14     | Pulp   | Pulp received as it is. no sample prep. | 12M/Dis                       | 00M/Dis    |       |       |
| <b>Analytical Summary</b> |        |        |   |                               |            |       |       |
| ##                        | Code   | Method | Units                                   | Description                   | Element    | Limit | Limit |
|                           |        |        |   |                               |            | Low   | High  |
| 01                        | 0313   | FA/AAS | ppb                                     | Au FA/AAS finish 30g          | Gold       | 2     | 10000 |
| 02                        | 0331   | FA/AAS | ppb                                     | Pt FA/AAS finish 30g          | Platinum   | 15    | 10000 |
| 03                        | 0341   | FA/AAS | ppb                                     | Pd FA/AAS finish 30g          | Palladium  | 5     | 10000 |
| 04                        | 0721   | ICP    | ppm                                     | Ag ICP                        | Silver     | 0.1   | 100.0 |
| 05                        | 0711   | ICP    | ppm                                     | Cu ICP                        | Copper     | 1     | 20000 |
| 06                        | 0714   | ICP    | ppm                                     | Pb ICP                        | Lead       | 2     | 20000 |
| 07                        | 0730   | ICP    | ppm                                     | Zn ICP                        | Zinc       | 1     | 20000 |
| 08                        | 0703   | ICP    | ppm                                     | As ICP                        | Arsenic    | 5     | 10000 |
| 09                        | 0702   | ICP    | ppm                                     | Sb ICP                        | Antimony   | 5     | 1000  |
| 10                        | 0732   | ICP    | ppm                                     | Hg ICP                        | Mercury    | 3     | 10000 |
| 11                        | 0717   | ICP    | ppm                                     | Mo ICP                        | Molybdenum | 1     | 1000  |
| 12                        | 0747   | ICP    | ppm                                     | Tl ICP (Incomplete Digestion) | Thallium   | 10    | 1000  |
| 13                        | 0705   | ICP    | ppm                                     | Bi ICP                        | Bismuth    | 2     | 10000 |
| 14                        | 0707   | ICP    | ppm                                     | Cd ICP                        | Cadmium    | 0.1   | 100.0 |
| 15                        | 0710   | ICP    | ppm                                     | Co ICP                        | Cobalt     | 1     | 10000 |
| 16                        | 0718   | ICP    | ppm                                     | Ni ICP                        | Nickel     | 1     | 10000 |
| 17                        | 0704   | ICP    | ppm                                     | Ba ICP (Incomplete Digestion) | Barium     | 2     | 10000 |
| 18                        | 0727   | ICP    | ppm                                     | W ICP (Incomplete Digestion)  | Tungsten   | 5     | 1000  |
| 19                        | 0709   | ICP    | ppm                                     | Cr ICP (Incomplete Digestion) | Chromium   | 1     | 10000 |
| 20                        | 0729   | ICP    | ppm                                     | V ICP                         | Vanadium   | 2     | 10000 |
| 21                        | 0716   | ICP    | ppm                                     | Mn ICP                        | Manganese  | 1     | 10000 |
| 22                        | 0713   | ICP    | ppm                                     | La ICP (Incomplete Digestion) | Lanthanum  | 2     | 10000 |
| 23                        | 0723   | ICP    | ppm                                     | Sr ICP (Incomplete Digestion) | Strontium  | 1     | 10000 |
| 24                        | 0731   | ICP    | ppm                                     | Zr ICP                        | Zirconium  | 1     | 10000 |
| 25                        | 0736   | ICP    | ppm                                     | Sc ICP                        | Scandium   | 1     | 10000 |
| 26                        | 0726   | ICP    | %                                       | Ti ICP (Incomplete Digestion) | Titanium   | 0.01  | 1.00  |
| 27                        | 0701   | ICP    | %                                       | Al ICP (Incomplete Digestion) | Aluminum   | 0.01  | 10.00 |
| 28                        | 0708   | ICP    | %                                       | Ca ICP (Incomplete Digestion) | Calcium    | 0.01  | 10.00 |
| 29                        | 0712   | ICP    | %                                       | Fe ICP                        | Iron       | 0.01  | 10.00 |
| 30                        | 0715   | ICP    | %                                       | Mg ICP (Incomplete Digestion) | Magnesium  | 0.01  | 10.00 |
| 31                        | 0720   | ICP    | %                                       | K ICP (Incomplete Digestion)  | Potassium  | 0.01  | 10.00 |
| 32                        | 0722   | ICP    | %                                       | Na ICP (Incomplete Digestion) | Sodium     | 0.01  | 5.00  |
| 33                        | 0719   | ICP    | %                                       | P ICP                         | Phosphorus | 0.01  | 5.00  |

**Document Distribution**

1 Northern Analytical Laboratories EN RT CC IN FX  
105 Copper Road 1 2 2 2 1  
Whitehorse DL 3D EM BT BL  
YT Y1A 2Z7 0 0 0 0 0  
Canada  
Att: Norm Smith Ph:867/668-4968  
Fx:867/668-4890  
Em:NAL@hypertech.yk.ca



INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 98F0584

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

Client : Northern Analytical Laboratories  
 Project: WO#5503

**14 Samples**  
 14=Pulp

[058418:00:02:89062698]

Out: Jun 26, 1998  
 In : Jun 22, 1998

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 Section 1 of 2

| Sample Name                       | Type | Au<br>ppb | Pt<br>ppb | Pd<br>ppb | Ag<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | As<br>ppm | Sb<br>ppm | Hg<br>ppm | Mo<br>ppm | Tl<br>ppm | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Ni<br>ppm | Ba<br>ppm | W<br>ppm |
|-----------------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 5 ✓                               | Pulp | 3         | <15       | <5        | 2.0       | 75        | <2        | 142       | <5        | <5        | <3        | 3         | <10       | <2        | 2.7       | 19        | 24        | 73        | <5       |
| 9                                 | Pulp | 45        | <15       | <5        | 1.4       | 82        | 5         | 97        | 21        | <5        | <3        | 3         | <10       | <2        | 2.8       | 24        | 55        | 96        | <5       |
| 32 <i>Rock</i>                    | Pulp | 4         | <15       | <5        | 0.2       | 102       | 17        | 84        | 35        | <5        | <3        | 2         | <10       | <2        | 2.7       | 23        | 17        | 164       | <5       |
| 33 <i>Rock</i>                    | Pulp | <2        | <15       | <5        | 0.2       | 32        | 7         | 56        | 28        | <5        | <3        | 2         | <10       | <2        | 2.0       | 19        | 8         | 81        | <5       |
| 43                                | Pulp | 2         | <15       | <5        | 1.3       | 59        | 3         | 62        | 15        | <5        | <3        | 4         | <10       | <2        | 2.2       | 23        | 36        | 66        | <5       |
| 44                                | Pulp | 3         | <15       | <5        | 0.2       | 136       | 6         | 39        | 35        | <5        | <3        | 2         | <10       | <2        | 1.7       | 6         | 4         | 44        | <5       |
| 49                                | Pulp | 4         | <15       | <5        | 1.1       | 69        | <2        | 112       | 5         | <5        | <3        | 5         | <10       | <2        | 2.4       | 21        | 31        | 62        | <5       |
| 52 <i>MR</i>                      | Pulp | 2         | 17        | 14        | 0.1       | 176       | 5         | 58        | 16        | <5        | <3        | 9         | <10       | <2        | 1.7       | 31        | 87        | 108       | <5       |
| 61 <i>55</i>                      | Pulp | 22        | <15       | <5        | 1.6       | 61        | <2        | 53        | <5        | <5        | <3        | 2         | <10       | <2        | 2.3       | 18        | 37        | 63        | <5       |
| 63                                | Pulp | <2        | <15       | <5        | 1.9       | 70        | 3         | 54        | <5        | <5        | <3        | 2         | <10       | <2        | 2.3       | 19        | 34        | 71        | <5       |
| 64                                | Pulp | <2        | <15       | <5        | 0.2       | 33        | 9         | 78        | 11        | <5        | <3        | 2         | <10       | <2        | 2.4       | 20        | 9         | 55        | <5       |
| 101                               | Pulp | 2         | <15       | <5        | 1.4       | 53        | 5         | 88        | 18        | <5        | <3        | 3         | <10       | <2        | 2.1       | 25        | 88        | 57        | <5       |
| 104 <i>Test Hole Bulky's Area</i> | Pulp | 6         | <15       | 7         | 0.8       | 64        | 3         | 209       | 14        | <5        | <3        | 3         | <10       | <2        | 3.5       | 31        | 118       | 54        | <5       |
| 108                               | Pulp | 25        | <15       | <5        | 1.1       | 73        | 5         | 87        | 12        | <5        | <3        | 3         | <10       | <2        | 3.3       | 26        | 68        | 107       | <5       |

*↓*  
*Base of Hole*  
*below Bulky's Area*

|                   |        |        |        |       |       |       |       |       |      |       |      |       |       |       |       |       |       |      |
|-------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|------|
| Minimum Detection | 2      | 15     | 5      | 0.1   | 1     | 2     | 1     | 5     | 5    | 3     | 1    | 10    | 2     | 0.1   | 1     | 1     | 2     | 5    |
| Maximum Detection | 10000  | 10000  | 10000  | 100.0 | 20000 | 20000 | 20000 | 10000 | 1000 | 10000 | 1000 | 10000 | 10000 | 100.0 | 10000 | 10000 | 10000 | 1000 |
| Method            | FA/AAS | FA/AAS | FA/AAS | ICP   | ICP   | ICP   | ICP   | ICP   | ICP  | ICP   | ICP  | ICP   | ICP   | ICP   | ICP   | ICP   | ICP   | ICP  |

—=No Test    *I*=Insufficient Sample    Del=Delay    Max=No Estimate    Rec=ReCheck    m=x1000    %=Est    %    NS=No Sample



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 98F0584

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

Client : Northern Analytical Laboratories  
 Project: WO#5503

14 Samples  
 14=Pulp

[058418:00:02:89062698] Out: Jun 26, 1998 Page 1 of 1  
 In : Jun 22, 1998 Section 2 of 2

| Sample Name        | Cr<br>ppm | V<br>ppm | Mn<br>ppm | La<br>ppm | Sr<br>ppm | Zr<br>ppm | Sc<br>ppm | Ti<br>% | Al<br>% | Ca<br>% | Fe<br>% | Mg<br>% | K<br>% | Na<br>% | P<br>% |
|--------------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|--------|---------|--------|
| 5                  | 43        | 153      | 523       | 4         | 69        | 1         | 6         | 0.07    | 1.30    | 1.62    | 4.90    | 1.24    | 0.08   | <0.01   | 0.09   |
| 9                  | 78        | 140      | 717       | 6         | 38        | 3         | 6         | 0.10    | 1.64    | 0.91    | 5.08    | 1.64    | 0.07   | <0.01   | 0.09   |
| 32 HR              | 37        | 128      | 352       | <2        | 24        | 2         | 3         | 0.23    | 1.74    | 0.68    | 4.31    | 1.51    | 0.78   | 0.05    | 0.08   |
| 33 Red, maple      | 44        | 102      | 458       | 2         | 90        | 2         | 5         | 0.21    | 1.58    | 1.11    | 3.52    | 1.14    | 0.14   | 0.05    | 0.08   |
| 43                 | 63        | 96       | 491       | 4         | 45        | 2         | 4         | 0.10    | 1.55    | 0.84    | 3.85    | 1.44    | 0.21   | <0.01   | 0.07   |
| 44 - HR #1-        | 46        | 51       | 436       | 5         | 20        | 2         | 2         | 0.04    | 1.69    | 1.85    | 2.66    | 0.52    | 0.09   | 0.04    | 0.09   |
| 49                 | 57        | 107      | 528       | 4         | 40        | 1         | 4         | 0.08    | 1.48    | 0.71    | 4.36    | 1.50    | 0.15   | <0.01   | 0.08   |
| 52 HR              | 111       | 89       | 328       | <2        | 15        | 2         | 5         | 0.15    | 1.76    | 1.09    | 3.20    | 1.81    | 0.54   | 0.09    | 0.05   |
| 61 - 35            | 53        | 122      | 517       | 4         | 69        | 1         | 5         | 0.07    | 1.22    | 1.32    | 4.02    | 1.19    | 0.10   | <0.01   | 0.08   |
| 63 35 42           | 48        | 123      | 555       | 5         | 74        | 1         | 5         | 0.07    | 1.28    | 1.60    | 4.25    | 1.30    | 0.10   | <0.01   | 0.08   |
| 64                 | 34        | 118      | 593       | <2        | 51        | 2         | 6         | 0.22    | 1.90    | 0.85    | 4.12    | 1.64    | 0.14   | 0.03    | 0.08   |
| 101                | 219       | 104      | 637       | 4         | 23        | 2         | 7         | 0.10    | 2.19    | 0.56    | 4.04    | 2.58    | 0.05   | <0.01   | 0.06   |
| 104 - cut 3' depth | 331       | 165      | 879       | 4         | 27        | 3         | 9         | 0.16    | 2.72    | 0.51    | 5.45    | 3.33    | 0.04   | <0.01   | 0.06   |
| 108                | 112       | 159      | 700       | 6         | 36        | 2         | 5         | 0.16    | 1.69    | 0.74    | 5.46    | 1.64    | 0.12   | <0.01   | 0.11   |

Minimum Detection 1 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 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 ICP ICP  
 —=No Test I=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Error % NS=No Sample





**CERTIFICATE OF ANALYSIS**  
**IPL 98H0785**

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

Client : Northern Analytical Laboratories  
Project: W.O. 5556

**60 Samples**  
49=CoarsePulp 11=Pulp

[078517:00:42:89081198] Out: Aug 11, 1998 Page 1 of 2  
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| Sample Name   | Cr ppm | V ppm | Mn ppm | La ppm | Sr ppm | Zr ppm | Sc ppm | Ti % | Al % | Ca % | Fe % | Mg % | K %  | Na %  | P %  |
|---------------|--------|-------|--------|--------|--------|--------|--------|------|------|------|------|------|------|-------|------|
| 1 - 2 pup ext | 52     | 155   | 559    | 5      | 73     | 2      | 7      | 0.08 | 1.35 | 1.61 | 4.81 | 1.31 | 0.08 | <0.01 | 0.10 |
| 2             | 70     | 128   | 750    | 5      | 53     | 3      | 6      | 0.09 | 1.59 | 1.54 | 4.63 | 1.63 | 0.06 | <0.01 | 0.09 |
| 3             | 81     | 135   | 775    | 7      | 37     | 3      | 6      | 0.10 | 1.73 | 1.01 | 5.07 | 1.68 | 0.05 | <0.01 | 0.10 |
| 4             | 56     | 187   | 609    | 4      | 72     | 2      | 6      | 0.09 | 1.44 | 1.71 | 5.61 | 1.38 | 0.07 | <0.01 | 0.10 |
| 6             | 52     | 170   | 655    | 5      | 86     | 1      | 7      | 0.09 | 1.51 | 1.96 | 5.30 | 1.47 | 0.10 | <0.01 | 0.10 |
| 7             | 48     | 152   | 731    | 4      | 91     | 2      | 7      | 0.09 | 1.53 | 2.20 | 5.03 | 1.57 | 0.09 | 0.01  | 0.11 |
| 8             | 58     | 220   | 567    | 4      | 71     | 1      | 6      | 0.10 | 1.41 | 1.62 | 6.15 | 1.29 | 0.09 | <0.01 | 0.10 |
| 10            | 97     | 157   | 575    | 6      | 43     | 2      | 6      | 0.10 | 1.74 | 0.88 | 5.12 | 1.65 | 0.06 | <0.01 | 0.10 |
| 11            | 77     | 129   | 688    | 6      | 39     | 3      | 6      | 0.09 | 1.74 | 0.88 | 4.81 | 1.68 | 0.06 | <0.01 | 0.10 |
| 12            | 84     | 160   | 673    | 7      | 41     | 2      | 6      | 0.10 | 1.61 | 1.01 | 5.29 | 1.60 | 0.05 | <0.01 | 0.10 |
| 13            | 75     | 142   | 702    | 6      | 39     | 3      | 6      | 0.09 | 1.63 | 1.01 | 5.04 | 1.66 | 0.04 | <0.01 | 0.10 |
| 14            | 74     | 121   | 736    | 6      | 34     | 3      | 6      | 0.08 | 1.68 | 0.90 | 4.79 | 1.69 | 0.05 | <0.01 | 0.10 |
| 15            | 221    | 111   | 643    | 3      | 28     | 3      | 7      | 0.10 | 2.11 | 0.61 | 4.15 | 2.56 | 0.03 | <0.01 | 0.06 |
| 16            | 85     | 129   | 790    | 6      | 35     | 3      | 6      | 0.09 | 1.72 | 1.07 | 4.87 | 1.78 | 0.04 | <0.01 | 0.09 |
| 17            | 239    | 112   | 587    | 4      | 25     | 3      | 7      | 0.12 | 2.19 | 0.60 | 4.02 | 2.67 | 0.04 | <0.01 | 0.06 |
| 18            | 91     | 131   | 719    | 6      | 39     | 3      | 6      | 0.10 | 1.80 | 0.84 | 4.91 | 1.76 | 0.05 | <0.01 | 0.10 |
| 19            | 83     | 115   | 665    | 6      | 34     | 2      | 5      | 0.09 | 1.64 | 0.75 | 4.42 | 1.60 | 0.05 | <0.01 | 0.09 |
| 20            | 71     | 128   | 659    | 7      | 34     | 3      | 6      | 0.09 | 1.54 | 0.88 | 4.41 | 1.53 | 0.05 | <0.01 | 0.09 |
| 21            | 78     | 106   | 808    | 7      | 33     | 3      | 6      | 0.08 | 1.69 | 0.83 | 4.34 | 1.69 | 0.05 | <0.01 | 0.09 |
| 22            | 79     | 110   | 577    | 6      | 30     | 3      | 5      | 0.08 | 1.51 | 0.67 | 4.19 | 1.47 | 0.05 | <0.01 | 0.09 |
| 23            | 73     | 114   | 549    | 5      | 26     | 2      | 5      | 0.08 | 1.31 | 0.59 | 4.25 | 1.25 | 0.05 | <0.01 | 0.09 |
| 24            | 57     | 212   | 581    | 6      | 28     | 2      | 3      | 0.19 | 1.06 | 0.61 | 6.40 | 0.90 | 0.03 | <0.01 | 0.13 |
| 25            | 86     | 123   | 830    | 7      | 36     | 4      | 7      | 0.09 | 1.76 | 0.95 | 4.94 | 1.84 | 0.05 | <0.01 | 0.10 |
| 27            | 76     | 137   | 825    | 6      | 43     | 3      | 6      | 0.11 | 1.62 | 1.55 | 4.99 | 1.71 | 0.05 | <0.01 | 0.10 |
| 27A           | 76     | 166   | 717    | 5      | 39     | 3      | 5      | 0.13 | 1.57 | 1.14 | 5.44 | 1.56 | 0.04 | <0.01 | 0.10 |
| 28            | 87     | 140   | 846    | 6      | 35     | 3      | 7      | 0.10 | 1.70 | 1.01 | 5.22 | 1.81 | 0.04 | <0.01 | 0.10 |
| 34            | 78     | 116   | 785    | 6      | 37     | 3      | 6      | 0.08 | 1.66 | 1.30 | 4.52 | 1.75 | 0.05 | <0.01 | 0.10 |
| 35            | 78     | 137   | 762    | 5      | 41     | 3      | 6      | 0.10 | 1.66 | 1.02 | 4.89 | 1.70 | 0.05 | <0.01 | 0.09 |
| 36            | 64     | 103   | 562    | 3      | 51     | 1      | 5      | 0.09 | 1.57 | 0.78 | 3.86 | 1.45 | 0.13 | 0.01  | 0.07 |
| 37            | 66     | 102   | 509    | 3      | 47     | 2      | 4      | 0.10 | 1.49 | 0.71 | 3.74 | 1.37 | 0.13 | <0.01 | 0.07 |
| 38            | 66     | 102   | 504    | 3      | 51     | 2      | 4      | 0.10 | 1.52 | 0.74 | 3.77 | 1.38 | 0.13 | 0.01  | 0.07 |
| 39            | 66     | 103   | 511    | 5      | 46     | 2      | 5      | 0.09 | 1.44 | 0.68 | 3.56 | 1.28 | 0.12 | 0.01  | 0.07 |
| 40            | 66     | 111   | 536    | 4      | 53     | 2      | 5      | 0.10 | 1.58 | 0.78 | 3.94 | 1.40 | 0.14 | 0.01  | 0.07 |
| 41            | 68     | 120   | 539    | 3      | 55     | 2      | 5      | 0.11 | 1.68 | 0.87 | 4.26 | 1.54 | 0.18 | <0.01 | 0.08 |
| 42            | 64     | 122   | 559    | 3      | 65     | 2      | 5      | 0.12 | 1.82 | 1.09 | 4.36 | 1.60 | 0.18 | <0.01 | 0.08 |
| 46            | 47     | 168   | 601    | 4      | 75     | 1      | 7      | 0.08 | 1.32 | 1.78 | 5.10 | 1.36 | 0.08 | <0.01 | 0.10 |
| 47            | 52     | 119   | 596    | 5      | 50     | 2      | 6      | 0.07 | 1.47 | 0.92 | 4.44 | 1.55 | 0.12 | <0.01 | 0.09 |
| 48            | 42     | 133   | 651    | 4      | 53     | 1      | 6      | 0.07 | 1.36 | 1.19 | 4.84 | 1.64 | 0.11 | <0.01 | 0.09 |
| 50            | 36     | 82    | 917    | 6      | 39     | 2      | 5      | 0.04 | 1.31 | 0.63 | 4.06 | 1.30 | 0.15 | <0.01 | 0.09 |

|                   |       |       |       |       |       |       |       |      |       |       |       |       |       |      |      |
|-------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|
| Minimum Detection | 1     | 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 | 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  | ICP  |

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



INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 98I1014

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

Client : Northern Analytical Laboratories  
 Project: W.P. 5604

**1 Samples**  
 1=PuTp

[101412:08:51:89092898]

Out: Sep 28, 1998  
 In : Sep 22, 1998

Page 1 of 1  
 Section 1 of 2

| Sample Name | Type | Au<br>ppb | Pt<br>ppb | Pd<br>ppb | Ag<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | As<br>ppm | Sb<br>ppm | Hg<br>ppm | Mo<br>ppm | Tl<br>ppm | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Ni<br>ppm | Ba<br>ppm | W<br>ppm |
|-------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 205         | Pulp | <2        | <15       | <5        | 0.3       | 145       | 52        | 97        | 60        | <5        | <3        | 10        | <10       | <2        | 14.8      | 51        | 25        | 31        | <5       |

Minimum Detection      2      15      5      0.1      1      2      1      5      5      3      1      10      2      0.1      1      1      2      5  
 Maximum Detection      10000      10000      10000      100.0      20000      20000      20000      10000      1000      10000      1000      1000      10000      100.0      10000      10000      10000      10000      1000  
 Method      FA/AAS      FA/AAS      FA/AAS      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP      ICP

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



INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 98I1014

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

Client : Northern Analytical Laboratories  
Project: W.P. 5604

**1 Samples**  
1=Pulp

[101412:08:51:89092898]      Out: Sep 28, 1998      Page 1 of 1  
In : Sep 22, 1998      Section 2 of 2

| Sample Name | Cr<br>ppm | V<br>ppm | Mn<br>ppm | La<br>ppm | Sr<br>ppm | Zr<br>ppm | Sc<br>ppm | Ti<br>% | Al<br>% | Ca<br>% | Fe<br>% | Mg<br>% | K<br>% | Na<br>% | P<br>% |
|-------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|--------|---------|--------|
| 205         | 55        | 106      | 1049      | <2        | 36        | 4         | 5         | 0.15    | 2.08    | 1.41    | 6.65    | 0.96    | 0.22   | 0.05    | 0.09   |

Minimum Detection      1      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      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      ICP

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





INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 98J1114

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

Client : Northern Analytical Laboratories  
Project: W0# 5622

**22 Samples**  
22=Pulp

[111416:19:46:89102398]

Out: Oct 23, 1998  
In : Oct 19, 1998

Page 1 of 1  
Section 1 of 2

| Sample Name    | Type | Au<br>ppb | Pt<br>ppb | Pd<br>ppb | Ag<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | As<br>ppm | Sb<br>ppm | Hg<br>ppm | Mo<br>ppm | Tl<br>ppm | Bi<br>ppm | Cd<br>ppm | Co<br>ppm | Ni<br>ppm | Ba<br>ppm | W<br>ppm |
|----------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 45             | Pulp | 2         | <15       | <5        | 0.2       | 39        | 7         | 45        | 29        | <5        | <3        | 4         | <10       | <2        | 5.7       | 15        | 29        | 70        | <5       |
| 66             | Pulp | <2        | <15       | <5        | 0.1       | 96        | 7         | 62        | 53        | <5        | <3        | <1        | <10       | <2        | 7.6       | 24        | 8         | 80        | <5       |
| 67             | Pulp | <2        | <15       | <5        | <0.1      | 34        | <2        | 3         | <5        | <5        | <3        | <1        | <10       | <2        | 1.4       | 2         | 4         | 4         | <5       |
| 68             | Pulp | 8         | <15       | <5        | 0.2       | 137       | <2        | 5         | <5        | <5        | <3        | 1         | <10       | <2        | 1.2       | 2         | 4         | 2         | <5       |
| 71             | Pulp | 2         | <15       | <5        | <0.1      | 77        | 5         | 55        | 79        | <5        | <3        | 2         | <10       | <2        | 10.4      | 23        | 21        | 104       | <5       |
| 73             | Pulp | <2        | <15       | <5        | <0.1      | 10        | <2        | 3         | 11        | <5        | <3        | 3         | <10       | <2        | 0.4       | 1         | <1        | 32        | <5       |
| 74             | Pulp | 4         | <15       | 32        | 0.4       | 205       | 5         | 30        | 28        | <5        | <3        | <1        | <10       | <2        | 4.9       | 11        | 11        | 19        | <5       |
| 75             | Pulp | 26        | <15       | 11        | 0.2       | 89        | 4         | 20        | 14        | <5        | <3        | <1        | <10       | <2        | 3.6       | 24        | 70        | 17        | <5       |
| 76             | Pulp | <2        | <15       | <5        | <0.1      | 4         | <2        | 2         | <5        | <5        | <3        | 2         | <10       | <2        | 0.4       | <1        | 3         | 3         | <5       |
| 77             | Pulp | <2        | <15       | <5        | 0.3       | 114       | 5         | 24        | 19        | <5        | <3        | 1         | <10       | <2        | 4.4       | 29        | 77        | 10        | <5       |
| 78             | Pulp | <2        | <15       | <5        | <0.1      | 139       | 11        | 74        | 79        | <5        | <3        | <1        | <10       | <2        | 12.7      | 30        | 24        | <2        | <5       |
| 81             | Pulp | 3         | <15       | <5        | 0.4       | 61        | 3         | 73        | 43        | <5        | <3        | 2         | <10       | <2        | 7.8       | 18        | 46        | 183       | <5       |
| 82             | Pulp | 41        | <15       | <5        | 0.2       | 99        | 9         | 100       | 39        | <5        | <3        | 3         | <10       | <2        | 11.8      | 25        | 58        | 79        | <5       |
| 83             | Pulp | 4         | <15       | <5        | 0.4       | 59        | 11        | 74        | 45        | <5        | <3        | 3         | <10       | <2        | 7.3       | 18        | 43        | 158       | <5       |
| 84             | Pulp | <2        | <15       | <5        | 0.3       | 76        | 9         | 59        | 48        | <5        | <3        | 4         | <10       | <2        | 9.3       | 24        | 46        | 81        | 11       |
| 85             | Pulp | 5         | <15       | <5        | <0.1      | 151       | 10        | 53        | 37        | <5        | <3        | 8         | <10       | <2        | 18.5      | 60        | 34        | 36        | <5       |
| 85-2           | Pulp | 3         | <15       | <5        | 0.2       | 144       | 7         | 55        | 30        | <5        | <3        | 12        | <10       | <2        | 15.1      | 47        | 36        | 26        | <5       |
| 104-3          | Pulp | 4         | <15       | <5        | <0.1      | 84        | 8         | 66        | 87        | <5        | <3        | 1         | <10       | <2        | 9.7       | 33        | 142       | 45        | 15       |
| 118-4 -80 mesh | Pulp | <2        | <15       | <5        | <0.1      | 92        | 6         | 66        | 80        | <5        | <3        | 1         | <10       | <2        | 9.9       | 32        | 163       | 39        | <5       |
| 118-11         | Pulp | <2        | <15       | <5        | 0.1       | 80        | 4         | 60        | 62        | <5        | <3        | <1        | <10       | <2        | 9.0       | 29        | 119       | 39        | <5       |
| 118-HR         | Pulp | <2        | <15       | <5        | <0.1      | 22        | 2         | 25        | <5        | <5        | <3        | 2         | <10       | <2        | 7.4       | 8         | 10        | 1356      | <5       |
| 122-NF         | Pulp | <2        | <15       | <5        | 0.3       | 40        | 6         | 41        | 21        | <5        | <3        | 2         | <10       | <2        | 5.2       | 12        | 10        | 82        | <5       |

Minimum Detection  
Maximum Detection  
Method

|        |        |        |       |       |       |       |       |      |       |      |       |      |       |       |       |       |      |
|--------|--------|--------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|
| 2      | 15     | 5      | 0.1   | 1     | 2     | 1     | 5     | 5    | 3     | 1    | 10    | 2    | 0.1   | 1     | 1     | 2     | 5    |
| 10000  | 10000  | 10000  | 100.0 | 20000 | 20000 | 20000 | 10000 | 1000 | 10000 | 1000 | 10000 | 1000 | 10000 | 10000 | 10000 | 10000 | 1000 |
| FA/AAS | FA/AAS | FA/AAS | ICP   | ICP   | ICP   | ICP   | ICP   | ICP  | ICP   | ICP  | ICP   | ICP  | ICP   | ICP   | ICP   | ICP   | ICP  |

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



# CERTIFICATE OF ANALYSIS

## iPL 98J1114

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

Client : Northern Analytical Laboratories  
 Project: W0# 5622

**22 Samples**  
 22=Pulp

[111416:19:46:89102398]

Out: Oct 23, 1998  
 In : Oct 19, 1998

Page 1 of 1  
 Section 2 of 2

| Sample Name    | Cr<br>ppm | V<br>ppm | Mn<br>ppm | La<br>ppm | Sr<br>ppm | Zr<br>ppm | Sc<br>ppm | Ti<br>% | Al<br>% | Ca<br>% | Fe<br>% | Mg<br>% | K<br>% | Na<br>% | P<br>% |
|----------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|--------|---------|--------|
| 45             | 65        | 73       | 326       | 4         | 46        | 2         | 3         | 0.07    | 1.04    | 0.55    | 2.67    | 0.88    | 0.09   | 0.05    | 0.05   |
| 66             | 32        | 82       | 429       | 3         | 48        | 2         | 2         | 0.13    | 1.97    | 0.98    | 3.55    | 1.85    | 0.19   | 0.02    | 0.18   |
| 67             | 178       | 5        | 31        | <2        | 3         | <1        | <1        | <0.01   | 0.11    | 0.15    | 0.67    | 0.03    | 0.01   | 0.02    | <0.01  |
| 68             | 162       | 2        | 24        | <2        | 2         | <1        | <1        | <0.01   | 0.05    | 0.05    | 0.55    | 0.02    | 0.01   | 0.02    | <0.01  |
| 71             | 25        | 157      | 506       | <2        | 44        | 1         | 8         | 0.16    | 2.94    | 1.23    | 4.26    | 2.65    | 0.40   | 0.06    | 0.11   |
| 73             | 15        | 2        | 122       | 5         | 1013      | <1        | <1        | <0.01   | 0.06    | 26%     | 0.08    | 0.12    | 0.01   | 0.02    | 0.02   |
| 74             | 79        | 58       | 430       | 3         | 38        | 2         | 3         | 0.07    | 0.93    | 1.03    | 2.37    | 0.67    | 0.07   | 0.02    | 0.07   |
| 75             | 189       | 21       | 178       | <2        | 35        | 1         | 1         | 0.07    | 0.59    | 0.58    | 1.62    | 0.60    | 0.01   | 0.01    | 0.05   |
| 76             | 19        | <2       | 1239      | 2         | 668       | <1        | 3         | <0.01   | 0.05    | 40%     | 0.13    | 0.12    | <0.01  | 0.02    | <0.01  |
| 77             | 240       | 38       | 224       | <2        | 35        | 2         | 1         | 0.11    | 0.85    | 0.86    | 2.02    | 0.89    | 0.02   | 0.01    | 0.07   |
| 78             | 44        | 190      | 902       | <2        | 11        | 3         | 5         | 0.17    | 2.97    | 0.50    | 5.55    | 2.83    | 0.02   | <0.01   | 0.06   |
| 81             | 70        | 93       | 573       | 5         | 34        | 3         | 5         | 0.08    | 1.43    | 0.78    | 3.63    | 1.30    | 0.06   | 0.02    | 0.08   |
| 82             | 78        | 158      | 776       | 7         | 35        | 4         | 6         | 0.09    | 1.55    | 0.94    | 5.42    | 1.47    | 0.04   | <0.01   | 0.10   |
| 83             | 70        | 92       | 574       | 5         | 34        | 3         | 5         | 0.08    | 1.41    | 0.91    | 3.63    | 1.26    | 0.06   | 0.02    | 0.08   |
| 84             | 81        | 101      | 634       | 4         | 51        | 2         | 6         | 0.08    | 1.69    | 0.67    | 4.31    | 1.52    | 0.12   | <0.01   | 0.07   |
| 85             | 33        | 124      | 820       | <2        | 24        | 5         | 4         | 0.12    | 1.96    | 1.21    | 7.91    | 0.93    | 0.27   | 0.06    | 0.07   |
| 85-2           | 47        | 102      | 772       | <2        | 28        | 3         | 4         | 0.13    | 1.83    | 1.09    | 6.71    | 0.97    | 0.11   | 0.03    | 0.08   |
| 104-3          | 360       | 114      | 625       | 3         | 25        | 2         | 7         | 0.10    | 2.65    | 0.52    | 4.41    | 3.12    | 0.04   | <0.01   | 0.06   |
| 118-4 -80 mesh | 417       | 120      | 711       | 2         | 20        | 2         | 8         | 0.08    | 2.73    | 0.41    | 4.43    | 3.41    | 0.03   | <0.01   | 0.05   |
| 118-11         | 296       | 101      | 636       | 2         | 20        | 2         | 6         | 0.08    | 2.27    | 0.43    | 4.00    | 2.68    | 0.04   | <0.01   | 0.06   |
| 118-HR         | 26        | 47       | 1801      | <2        | 392       | 1         | 3         | <0.01   | 0.27    | 9.91    | 3.31    | 3.68    | 0.03   | <0.01   | 0.02   |
| 122-NF         | 28        | 85       | 324       | 2         | 72        | 1         | 2         | 0.09    | 0.92    | 0.44    | 2.64    | 0.57    | 0.08   | 0.05    | 0.04   |

Minimum Detection      1      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      10000      1.00      10.00      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      ICP

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

**Statement of qualifications:**

**1993-94, random sampling program, Edith Creek, Koidern River.**

**1995, staked Lisa claims, same location as present Bolder claims, however I was not successful in my proposal to the Mining Incentive program that year and was unable to execute my proposed program. 1996, dropped claims as I was unable to complete required assessment work. 1997, staked Bolder claims #1-12, and continued to sample the area . 1998 proposal to Mining Incentive program was accepted, resulting in the completion of the program submitted in this report.**

**Mining industry information and mentoring was received from Harland "Swede" Svean , and Hermin Leidke , who were involved in the 'Moosehorn' property, in the same general area of my prospects.**

**Completed basic and advanced prospecting courses, Yukon Chamber of Mines.**

**1998 Mining Incentive program, Edith Creek, claim sheet #115 F9, Bolder Claims I-16, stream sediment sampling program outlined in this report.**

**Ongoing consultation with Ken Galembos, YTG geologist, and Larry Carlyle, Yukon geologist, who provided advice, guidance with analysis of assay data etc.**

**1998 PROSPECTING REPORT**

**BOLDER CLAIMS YC08187-YC08203**

SUMMARY OF EXPENSES AND RECEIPTS

|   |             |
|---|-------------|
| <u>Analysis/assays</u>  | 3217.44     |
| <u>Travel, helicopter, 4 trips</u>                                  | 2490.       |
| Truck, 732.8 km @ .42km X 4 trips                                   | 1228.       |
| <u>Living Expenses</u> \$35. Per day X 30 days + 20 days for helper | 1750.       |
| Wages for helper @ \$75. X 20 days – Nathan Earle.                  | 1500.       |
| Registration of work with Mining Recorder                           | 400.        |
| Radio licence   | 50.         |
| Total expenses  | \$10,635.44 |

95509 receipt - 6 pages - total.



105 Copper Road  
Whitehorse, Yukon  
Y1A 2T7  
Ph: (867) 668-4900  
Fax: (867) 668-4855  
E-mail: NAL@hypertech.yk.ca

Invoice for Analytical Services

To:

Gloria Kerwin

Invoice Date: 06/07/98

WO# 05503

| QTY                             | DESCRIPTION                                    | UNIT PRICE | AMOUNT          |
|---------------------------------|--|------------|-----------------|
| 5                               | Sample Preparation:<br>Rock Sample Preparation | 5.00       | 25.00           |
| 9                               | Soil / Sediment Sample Preparation             | 2.00       | 18.00           |
| 14                              | Analyses:<br>Pt + 32                           | 26.00      | 364.00          |
| 100                             | Supplies:<br>Soil Sample Bags                  | 0.28       | 28.00           |
| Subtotal                        |  |            | 435.00          |
| GST @7% (R 121285662)           |  |            | 30.45           |
| Total due on receipt of invoice |  |            | <b>\$465.45</b> |

PAID CASH  
*[Signature]*

2% per month charged on overdue accounts



452.53.

105 Copper Road  
Whitehorse, Yukon  
Y1A 2Z7  
Ph: (867) 668-4968  
Fax: (867) 668-4889  
E-mail: NAL@hypertech.yk.ca

Invoice for Analytical Services

To:

Gloria kerwin

Invoice Date: 2/11/98

WO# 5622

| QTY | DESCRIPTION | UNIT PRICE | AMOUNT |
|-----|-------------|------------|--------|
| 13  | rock prep   | 5.00       | 65.00  |
| 9   | soil prep   | 2.00       | 18.00  |
| 22  | Pt + 32     | 26.00      | 572.00 |

Subtotal 655.00

GST @7% (R 121285662) 45.85

LESS  
COUPONS

< 327.50 >

Total due on receipt of invoice **\$700.85**

2% per month charged on overdue accounts

373.35

*Paul Cashman*



105 Copper Road  
 Whitehorse, Yukon  
 Y1A 2Z7  
 Ph: (867) 668-4888  
 Fax: (867) 668-4888  
 E-mail: NAL@hypertech.yk.ca

Invoice for Analytical Services

To:

Gloria Kerwin

Invoice Date: 14/08/98

WO# 05556

| QTY                             | DESCRIPTION   | UNIT PRICE | AMOUNT            |
|---------------------------------|---|------------|-------------------|
| 8                               | Sample Preparation:<br>Rock/D.C. Sample Preparation | 5.00       | 40.00             |
| 52                              | Soil/Sediment Sample Preparation                    | 2.00       | 104.00            |
| 60                              | Analyses:<br>Pt + 32                                | 26.00      | 1560.00           |
| Subtotal                        |   |            | 1704.00           |
| GST @7% (R 121285662)           |   |            | 119.28            |
| Total due on receipt of invoice |   |            | <b>\$1,823.28</b> |

2% per month charged on overdue accounts

PAID CASH  
 OR



105 Copper Road  
 Whitehorse, Yukon  
 Y1A 2Z7  
 Ph: (867) 668-4968  
 Fax: (867) 668-4897  
 E-mail: NAL@hypertech.yk

Invoice for Analytical Services

To:

Gloria Kerwin

Invoice Date: 15/09/98

WO# 05604

| QTY                             | DESCRIPTION   | UNIT PRICE | AMOUNT         |
|---------------------------------|---|------------|----------------|
| 1                               | Sample Preparation:<br>Rock/D.C. Sample Preparation | 5.00       | 5.00           |
| 4                               | Soil/Sediment Sample Preparation                    | 2.00       | 8.00           |
| 4                               | Analyses:<br>Au 15 gm FA/AAS                        | 8.75       | 35.00          |
| 1                               | Pt + 32   | 26.00      | 26.00          |
| Subtotal                        |   |            | 74.00          |
| GST @7% (R 121285662)           |   |            | 5.18           |
| Total due on receipt of invoice |   |            | <b>\$79.18</b> |

2% per month charged on overdue accounts

*PAID CASH*



105 Copper Road  
Whitehorse, Yukon  
Y1A 2Z7  
Ph: (867) 668-4968  
Fax: (867) 668-4855  
E-mail: NAL@hypertech.yk.ca

Invoice for Analytical Services

To:

Gloria Kerwin

Invoice Date: 03/08/98

WO# 05541

| QTY                             | DESCRIPTION                                    | UNIT PRICE | AMOUNT         |
|---------------------------------|--|------------|----------------|
| 2                               | Sample Preparation:<br>Rock Sample Preparation | 5.00       | 10.00          |
| 2                               | Analyses:<br>Pt + 32                           | 26.00      | 52.00          |
| 25                              | Supplies:<br>Soil Sample Bags                  | 0.28       | 7.00           |
| Subtotal                        |  |            | 69.00          |
| GST @7% (R 121285662)           |  |            | 4.83           |
| Total due on receipt of invoice |  |            | <b>\$73.83</b> |

2% per month charged on overdue accounts

PAID CASH  
JR





ACCOUNT NUMBER  
 INVOICE NUMBER **16821**  
 INVOICE DATE  
 AREA B.C. YUKON N.W.T. ALTA  
 A/C TYPE AIRCRAFT REGISTRATION C  
**206-13 6m10**  
 FLIGHT DATE DAY MONTH YEAR  
**18 07 98**  
 PURCHASE ORDER NO.

CHARTERER  
*Gloria Kerwin*

BILLING ADDRESS  
*Care Del. Whitehorse Yukon*

FUEL & OIL X TNTA FUEL USED HRS./LITRES FROM  
 TNTA CUST. **JP-4 BULK .575**

| FROM               | HOURS     | REMARKS - NO. OF PASS - FREIGHT Kg |
|--------------------|-----------|------------------------------------|
| <b>PINE VALLEY</b> |           |                                    |
| <b>TO</b>          |           |                                    |
| <b>HO ME</b>       |           |                                    |
| <b>IS</b>          | <b>.5</b> | <b>2 pass</b>                      |

*Paint Cash:*  
*[Signature]*

**.5**

| SUB  | G.L. | AMOUNT |
|------|------|--------|
| 0000 | 323  |        |

TERMS: PAYABLE UPON RECEIPT OF INVOICE.  
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

CHARTERER'S SIGNATURE  
 CHARTERER'S NAME (PRINTED)  
 INITIALS  
 PILOTS SIGNATURE  
 ENGINEER'S NAME

HOLDING TIME: @ / HR.  
 FUEL @ / LITRE  
 FUEL @ / LITRE  
 MEALS & LODGINGS  
 OTHER  
 OTHER  
**SUB TOTAL**  
 GOODS & SERVICES TAX  
 REGISTRATION NO. R121483135

**TOTAL \$400.00**

NUMBER DISCHAC  
 INVOICE NUMBER **16741**  
 INVOICE DATE  
**31 10 98**  
 AREA B.C. YUKON N.W.T. ALTA  
 A/C TYPE AIRCRAFT REGISTRATION C  
**20616 1710**  
 FLIGHT DATE DAY MONTH YEAR  
**31 10 98**  
 PURCHASE ORDER NO.

CHARTERER  
*Gloria Kerwin*

BILLING ADDRESS  
*c/o Skookum Jim Friendship Center*

**3159-3rd Ave White YK. Y1A-1G1**

FUEL & OIL X TNTA FUEL USED HRS./LITRES FROM  
 TNTA CUST. **114**

| FROM                  | HOURS      | REMARKS - NO. OF PASS - FREIGHT Kg |
|-----------------------|------------|------------------------------------|
| <b>KLUANE LAKE</b>    |            |                                    |
| <b>TO</b>             |            |                                    |
| <b>PINE VALLEY TO</b> |            |                                    |
| <b>EDITA CREEK</b>    | <b>1.0</b> | <b>CAMP MEALS 3 PAX</b>            |

*Paint in Fall*  
*HP Thurs North*

| SUB             | G.L. | AMOUNT |
|-----------------|------|--------|
| 4008            | 502  | 746.28 |
| <del>4008</del> | 511  | 85.50  |
| 0000            | 323  | 58.22  |

TERMS: PAYABLE UPON RECEIPT OF INVOICE.  
 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

CHARTERER'S SIGNATURE  
 CHARTERER'S NAME (PRINTED)  
 INITIALS  
 PILOTS SIGNATURE  
 ENGINEER'S NAME

HOLDING TIME: @ / HR.  
 FUEL 114 @ .75 / LITRE 85.50  
 FUEL @ / LITRE  
 MEALS & LODGINGS  
 OTHER  
 OTHER  
**SUB TOTAL**  
 GOODS & SERVICES TAX  
 REGISTRATION NO. R121483135

**TOTAL \$890.00**

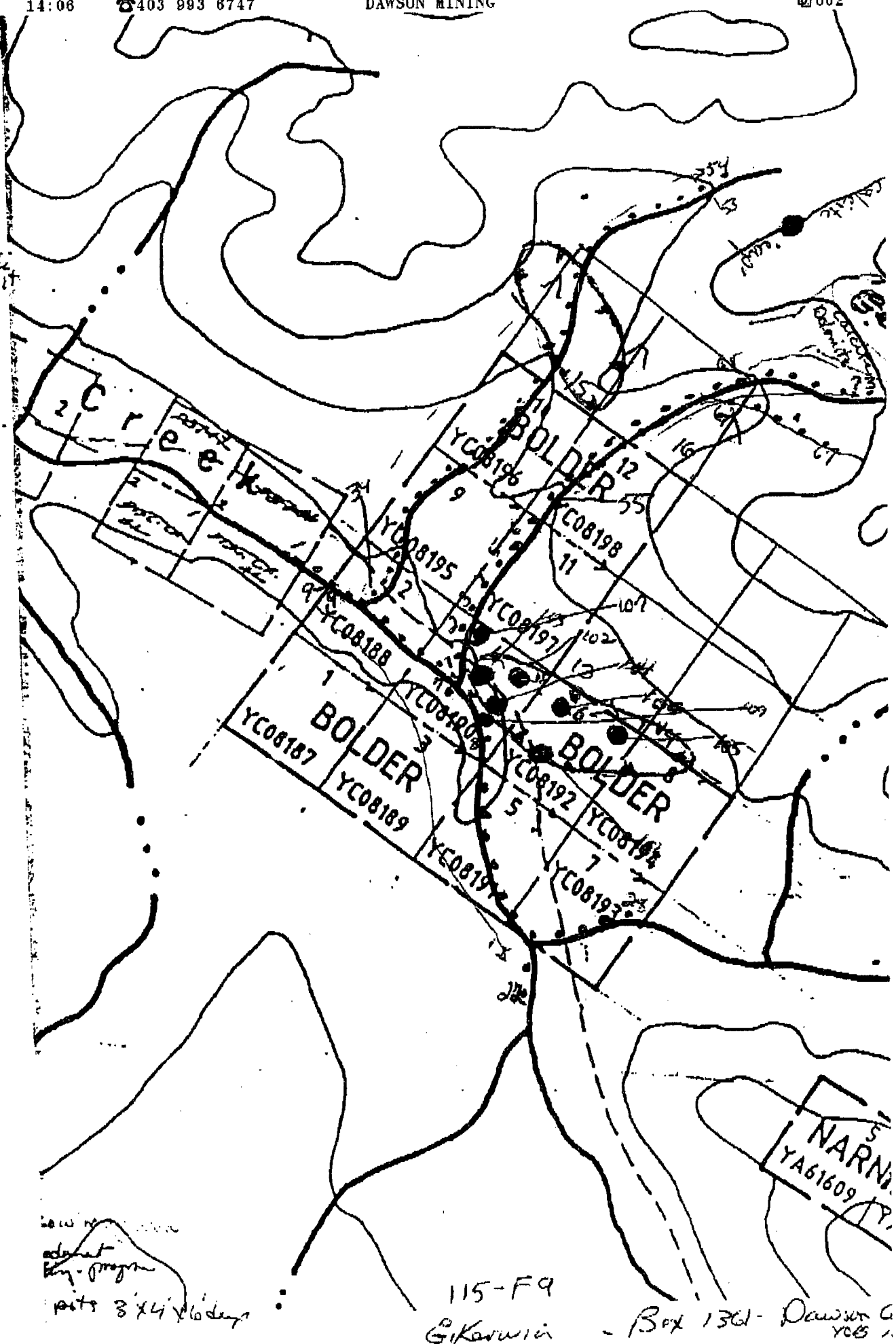
Registration work claims  
WHITEHORSE  
MINING  
DISTRICT  
RECEIVED  
24-09-98 11:00  
80 @ 5.00  
C/W 400.00  
DGROUP 5.00  
NET 405.00  
TTL 405.00  
CASH 405.00  
A .49928 R

Registration work claims  
WHITEHORSE  
MINING  
DISTRICT  
RECEIVED  
24-09-98 11:00  
80 @ 5.00  
C/W 400.00  
DGROUP 5.00  
NET 405.00  
TTL 405.00  
CASH 405.00  
A .49928 R

Assessment work - registration - 5 years for - 16 claims - Bolder - 1-16  
fee -> maintain - 16 claims for 5 yrs.

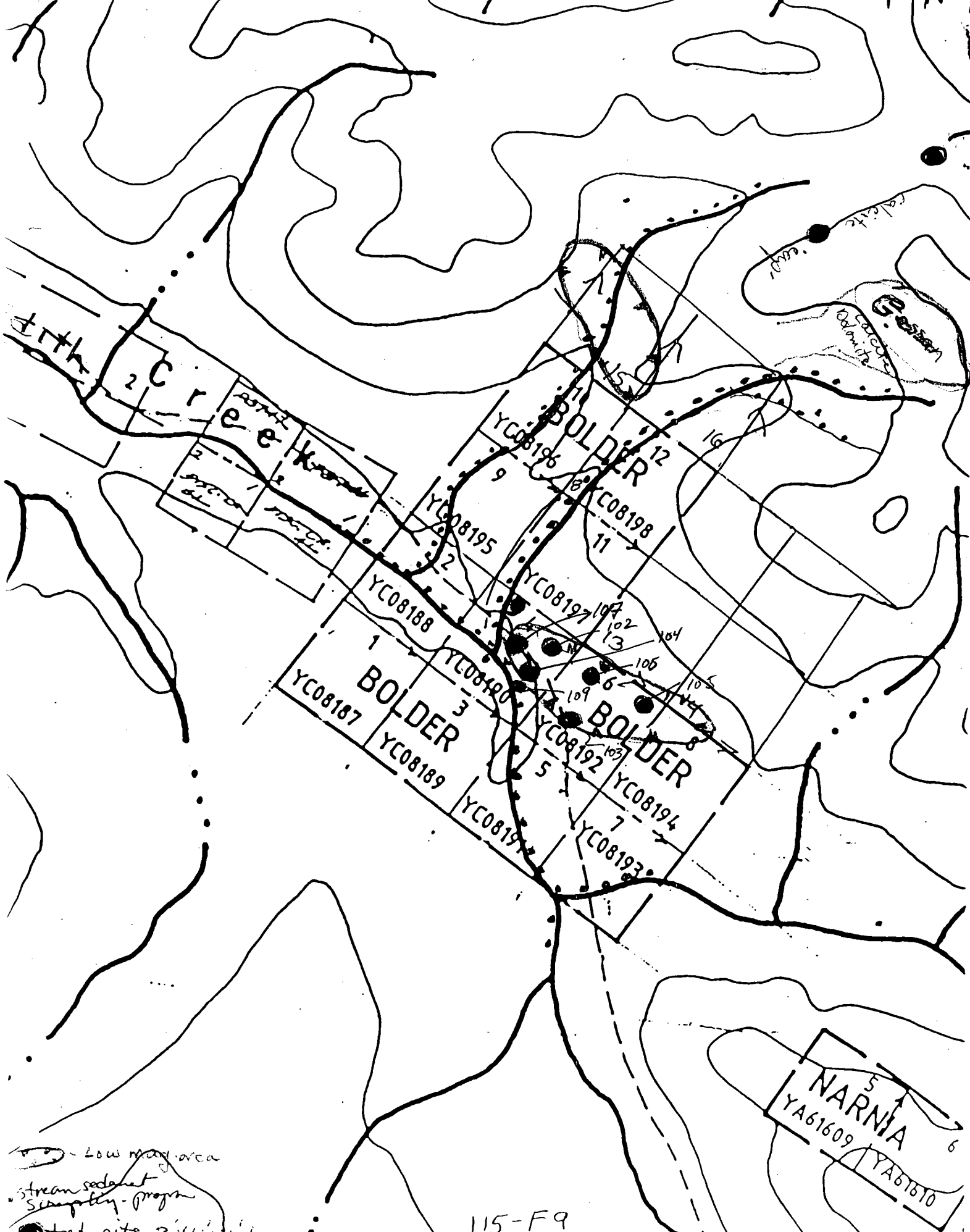





- # 73 - white
- # 74 - greenstone
- 75 - yellowish blue/green brown bands
- 76 - white limestone
- 77 - rust color west of highway
- 78 - sandy bands of slate
- 105 - rock pit
- 57 - Rock red stream greenstone



about  
high program  
pits 3' x 4' x 6' deep

115-F9  
E. Kerwin - Box 1361 - Dawson C  
YCB 1



 - low water area  
 stream sediment sampling program  
 test pits 3'x4'x6' deep

115-F9

5  
 1  
 6  
 NARNIA  
 YA61609 YA61610

To: Mike Burke

Here is the info you requested. Hope it clears things

up.

Thanks.

*Glenn Keen*