

Latitude 49 29.5' N  
Longitude 120 27.5' W

*LOGICAL*  
GEOCHEMICAL AND GEOCHEMICAL REPORT  
OF THE  
CONCHA MINING CLAIMS GROUP  
MINER MOUNTAIN  
PRINCETON MINING DIVISION  
BRITISH COLUMBIA

Includes Statements of Work Covering Below Dates

|                             |               |
|-----------------------------|---------------|
| <i>PHYS</i> ✓ 3213375       | Jul. 12, 2004 |
| <i>PHYS</i> ✓ 3213448       | Jul. 13, 2004 |
| <i>PHYS</i> ✓ 3213439       | Jul. 13, 2004 |
| <i>GEOLOGICAL</i> ✓ 3220447 | Nov. 19, 2004 |
| <i>GEOLOGICAL</i> ✓ 4025954 | Apr. 11, 2004 |

By

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V5E1G4

Feb 14, 2006



GEOLOGICAL SURVEY  
BRITISH COLUMBIA  
2006

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## 1.0 Concha Claim Location

The Concha Property is four kilometers northeast of Princeton, BC and covers the western slope of Miner Mountain to Alison Creek and southerly to the Similkameen River. The northern point being the two claim units length to the east of Gould Lakes. The claims are in conjunction with other claims belonging to Nustar Mining Etc. Concha 4 is located at 683000 East and 5485000 North, center of the west boundary.

| Claim Name   | Tenure Number | # of Units | Expiry Date | Year | Comments          |
|--------------|---------------|------------|-------------|------|-------------------|
| Concha 1     | 395250        | 1          | July 25     | 2015 |                   |
| Concha 2     | 395251        | 1          | July 25     | 2015 | Maps 92H048 & 058 |
| Concha 3     | 309825        | 1          | March 17    | 2013 |                   |
| Concha 4     | 309826        | 1          | March 17    | 2015 |                   |
| Conchita 5   | 348125        | 1          | March 17    | 2013 |                   |
| Concha 6     | 309828        | 1          | March 17    | 2009 |                   |
| Ruth G.H. #2 | 381077        | 1          | Sept 29     | 2011 |                   |
| Doug H.H. #1 | 381076        | 1          | Sept 29     | 2012 |                   |
| Dais         | 381075        | 5          | Sept 29     | 2009 |                   |
| King 123     | 521671        | 3          | Oct 31      | 2006 |                   |
| King 4       | 390595        | 3          | Oct 29      | 2007 |                   |
| King 65      | 521672        | 4          | Oct 31      | 2006 |                   |
| King 6       | 521673        | 4          | Oct 31      | 2006 |                   |
| Concha 15    | 311201        | 1          | July 09     | 2010 |                   |
| Concha 16    | 311202        | 1          | July 09     | 2010 |                   |
| Concha 19    | 311205        | 1          | July 09     | 2015 |                   |
| Concha 20    | 311206        | 1          | July 09     | 2015 |                   |
| Concha 21    | 398514        | 1          | Nov 20      | 2015 |                   |
| GNU 26       | 397181        | 5          | Oct 17      | 2008 | Fr. 5 Unit Claim  |
| GNU 6        | 376036        | 1          | April 13    | 2007 | Fr. Bt. GUY 4 & 6 |
| Conchita 4   | 348124        | 1          | July 9      | 2010 | Fr. W. of GUY 7   |
| Conchita 3   | 348123        | 1          | July 5      | 2011 | Fr. Bt. GUY 3 & 5 |
| GNU 88       | 332202        | 5          | Oct 15      | 2009 |                   |
| GNU 56       | 398509        | 6          | Nov 21      | 2006 | Below GNU 88      |
| IBEX         | 406648        | 6          | Nov 16      | 2007 | Restaked          |
| ANT1         | 405959        | 4          | Oct 20      | 2007 | Restaked          |
| ANT2         | 405960        | 4          | Oct 20      | 2007 | Restaked          |

## **2.0 Access To Claims**

The Concha Property is four kilometers north east of Princeton by taking the road to Merritt, BC for a short distance, then continuing along the Osprey Lake Road passing the dump, the race track and turn right to the Iron Mountain Road, a short distance beyond Alison Creek, in an easterly direction. This route gives entry to a number of roads that lead to various locations on the mountain. The property is on the N.E. corner of map 92H048 and the S.E. corner of map 92H058. See Figures 1 –4 or pages 3-6.

## **3.0 Concha Claims History**

The earliest known work on the area of the Concha Claims was in 1905 (Preto 1974) However no details are known.

In 1929, W.C. McDougal of Olalla staked the area as the Regal Claims. Some diamond drilling was done in the area of previous development work, however recovery was poor and grades of copper were too low.

No known activity occurred from 1930 to 1950. From 1951 to 1962, The Granby Mining Co. Ltd. Held the ground. No details of the work effort are known.

Preto (1974) mentions that Granby did considerable trenching, some diamond drilling and geochemical and geophysical surveys.

In 1962, E. MULLINS & G. BURR of Princeton, restaked the main workings as the G.E. & VI CLAIMS. They were subsequently optioned to Climax Copper Mines Ltd., 1963 who carried out geophysical surveys, including I.P. geological Mapping and 1077 METERS of diamond drilling in an unproven number of holes.

Granby re-optioned the claims in 1965 and drilled 41 Percussion holes, totaling 1792 meters. They also increased the ground holdings to 72 claims. From 1965 to 1970, no recorded work was done and the ground reverted back to Mullins & Burr.

In 1970 JOY MINING Ltd. Optioned the ground and increased the land position to 343 claims (G.D., DOT. ML, etc.). 152 meters of trenching was done. Sarasen Mines Ltd. appears to have operated the property for JOY in 1971, they carried out surface geological mapping of approximately 1:20,000. 103 kilometres of soil geochem, at 30.5 metre spacings, (estimated 3377 Soil Sample), 200 stream sediments 37 Kilometres of Induced Polarization, 3 Diamond Drill holes totaling 457 metres, and constructed an acid leach plant for copper recovery. Reserves were reportedly, several hundred thousand tons of oxide-sulphide, copper mineralization averaging about 0.50% total copper. The acid leaching of some highly oxidized material around the old Regal trenches was apparently successful.

In 1973 Bethlehem Copper Corp. optioned the claims and drilled 5 widely spaced holes. They returned the ground to Mullins & Burr in 1974 and apparently most of the ground was allowed to lapse.

In 1977, Quintana Mineral Corps. Restacked part of the area of the BTU claims and did kilometers of linecrotling and I.P.

J.M.T. Services Corp. restacked the Eastern portion of the area as the J.W.G. Miner and Old Baldy claims in 1979. They drilled 4 short percussion holes totaling 68 meter that year.

In 1988 Superior Oil Co. and J.M.T. drilled 2 diamond drill holes on the Early Bird claims which are presumed to be in the same area as J.W.G. miner claims. Somehow

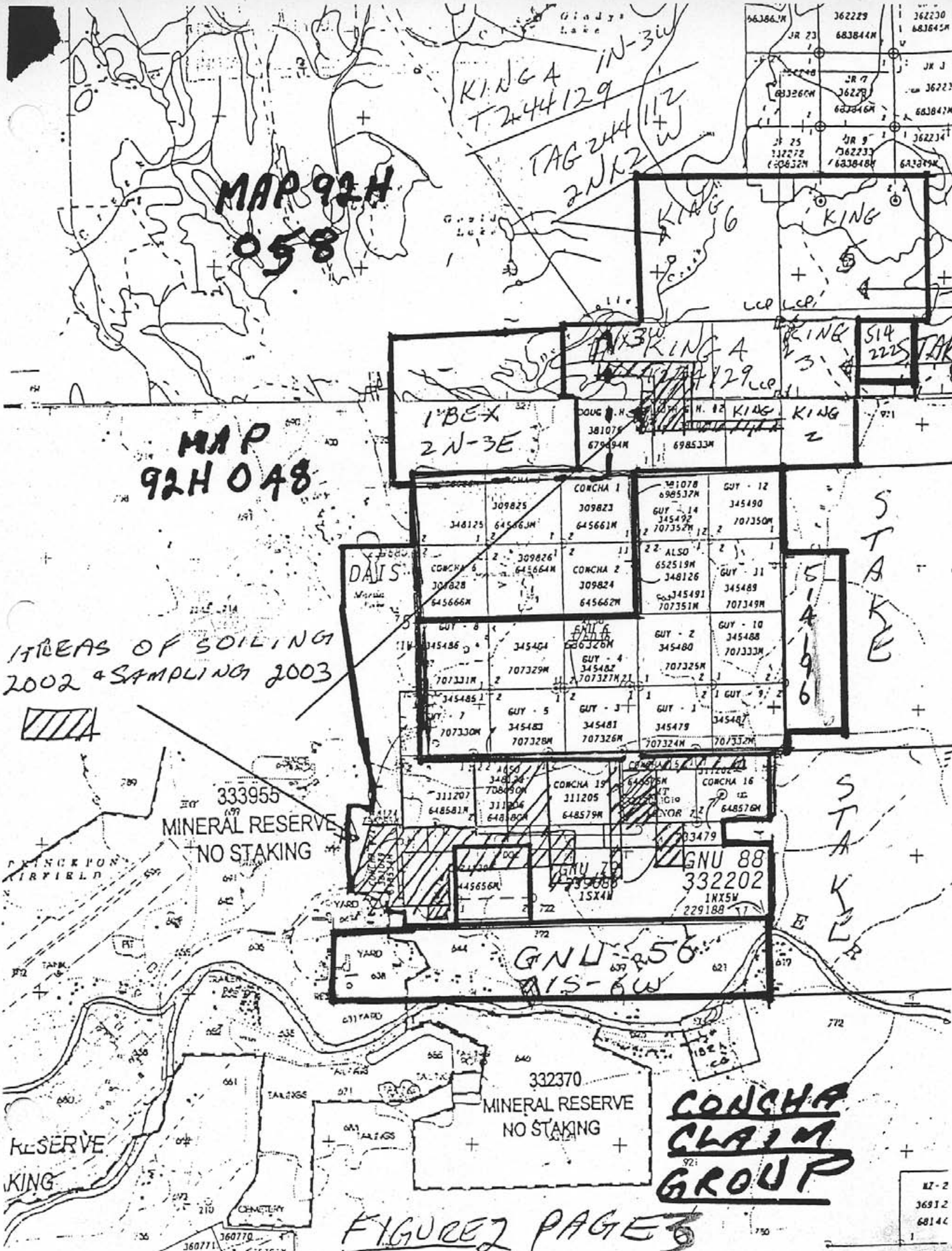
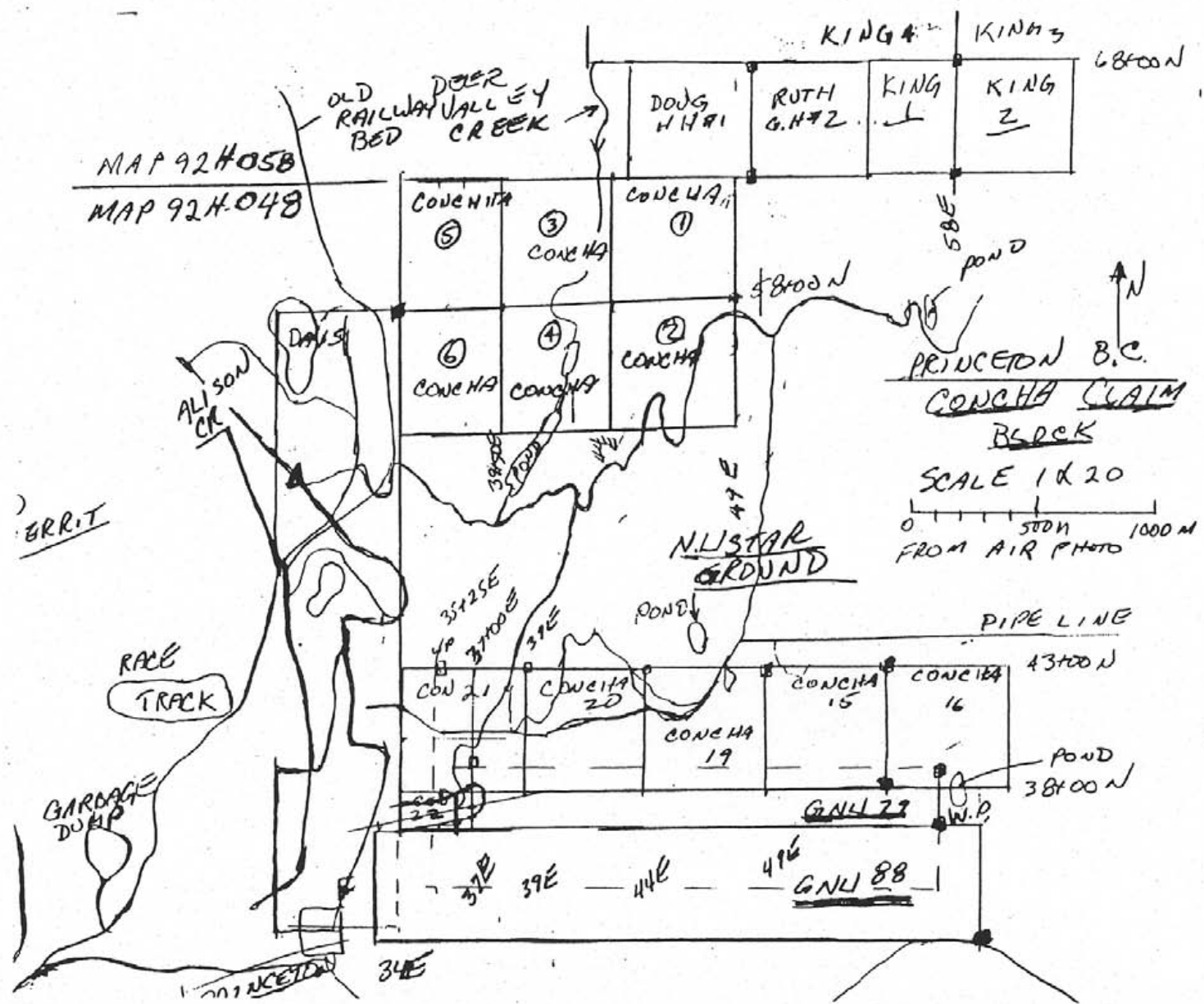
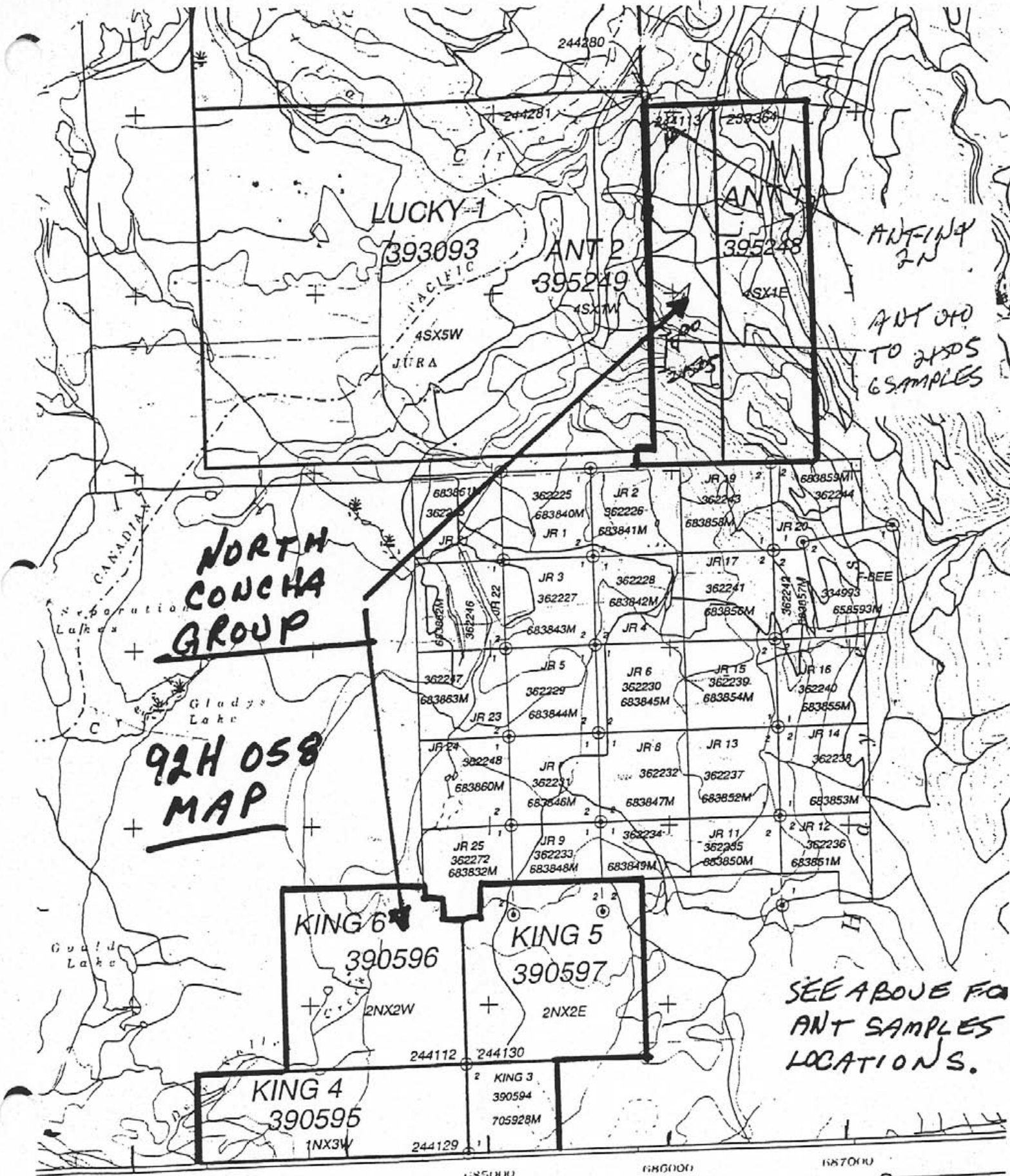


Figure 1: Claim Location





# NORTH CONCHA GROUP



**NORTH CONCHA GROUP**

**92H 058 MAP**

SEE ABOVE FOR ANT SAMPLES LOCATIONS.





the J.W.G. claims were included in ground influenced by the 1980 Uranium moratorium and remained in limbo until their release in 1987.

In 1987 Mingold Resources Inc. stacked the TNT Claims which cover the western portion of the old trenches indicated anomalous gold values to be accompanying some of the copper mineralization. The gold appears to be related to several North Western trending fault zones which contain primarily oxide copper mineralization, a soil geochem survey was subsequently carried out over the trenched area in 1987 and extended to the Northwest in 1989.

#### **4.0 Local Geology**

The Concha Claims occur within a Northerly trending belt of highly fractured and altered andesitic volcanic rocks of the Upper Triassic – Lower Jurassic Nicola Group. This is the Southern end of the Quesnel Trough Structural Regime where Correlative Takla Group volcanics prevail. This belt is well known for its volcanic hosted copper porphyry mineralization. In recent years, the gold potential of the belt has been the main focus of exploration, especially since the discovery of the ore deposit in the Horsefly Likely area.

On the Concha Claims, the main area of copper mineralization is located North of Mt. Miner in the vicinity of the Granby trenches. This area is underlain by highly fractured and altered Nicola Andesites. Mineralization consists of disseminations and fracture fillings of chalcopyrite and pyrite.

The Western Granby trenches are cut by two zones of intensely sheared, bleached and oxidized rock trending northwesterly. These probably represent major fault zones up to 100 metres wide and may be the source of the gold mineralization encountered in previous rock features have been destroyed and only oxide copper minerals are visible.

On the Regal trenches similar oxide type mineralization is found. This mineralization reportedly occurs as part of a landslide block which presumably originated upslope in the Granby trenches area. This material is reported to contain several hundred thousand tons of oxide-sulphide copper mineralization, averaging about 0.50% total copper (Preto 1974). Caprock is middle Eocene Princeton Group which occurs north of the Regal trenches. The contact with the Nicola rocks is not exposed.

#### **5.0 ANT Claims**

The ANT Claims located 1½ kilometres east of Jura, BC (see figures of the Concha Claim Group). There is two (2) groups touching one another of 4 units each. The L.C.P. of the claims is on the lower road by the Hayes CR which leads to various farms of the area.

ANT claim large unconsolidated boulder by fence, road turnoff and gate assayed 1892 cu ppm and 30 ppb.

These following samples were taken along the main highway at the turnoff

|       | Cu ppm | Au ppb |              |
|-------|--------|--------|--------------|
| 2N    | 98     | 10.0   | Soil samples |
| 1+50S | 223    | 27.4   | Soil samples |
| 200S  | 147    | 2.9    | Soil samples |
| 250S  | 191    | 11.0   | Soil samples |
| 0+50S | 4261   | 91.5   | Soil samples |

RAND DISTRICT: YALE DIV.  
KAMLOOPS DIV. OF YAL

**PRIME**  
**MAC HIGH**  
**CU-AU-C**  
ALIENATIONS  
NO STAKING RESERVES  
NO STAKING RESERVES  
PARKS  
ECOLOGICAL RESERVES  
RECREATION AREAS  
INDIAN RESERVES

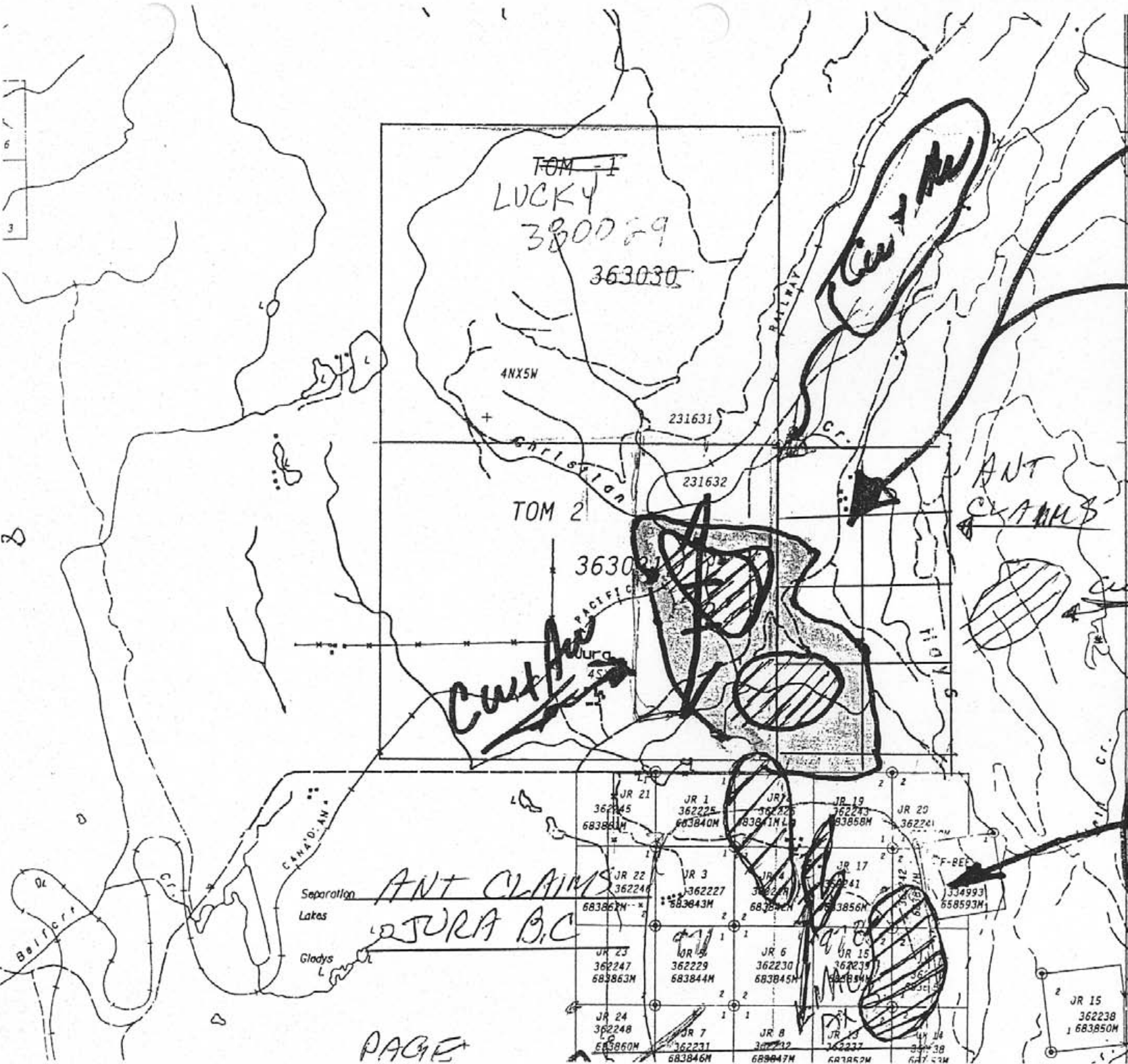
**JAV**  
**JAG**  
**Ven**

CONDITIONAL AREAS  
SUBJECT TO CONDITIONS:  
SECTION 19 RECREATION  
1 POST CLAIM AREAS  
AREAS SUBJECT TO THE  
URANIUM/THORIUM RE:

MINERAL TENURE  
MINERAL CLAIM  
MINING LEASE

**JR CLAIM**  
**CU-AU-C**  
**80% ONLY**  
**W/ GOLD**

|                     |                      |
|---------------------|----------------------|
| 1 UNIT<br>1640.42 h | 2 POST CL<br>1640.42 |
| 25 ha<br>61.78 ac   | 25 hc<br>61.78 c     |
| 500 m               |                      |



PAGE

PROVINC



CLAIM MAP  
Q2H.058

ANT CLAIMS

GEO PHYSICAL  
ANALYSIS

ANT CLAIMS  
JURA B.C.

CW GEOCHEM  
80-300PPM  
GEO PHYSICS

PAGE

b

5500

35

92

91



L42 VALE

In 1959 Kennco Exploration (AR 318) staked the Copper Mountain area, Concha Claims area and the ANT Claim area. They geochemed, I.P. surveys and flew the area with an airborne magnetometer. There are two (2) sketches to indicate geophysical and geochemical anomalies.

**5.1 Soil Samples: Handling**

All the soil samples dug with a mattock, 4-8" depth, 2-3 handfuls of earth placed in a bag made for this purpose, the labelled as to the location, later air dried and then off to the assayer.

**6.0 Work Done On Property April, 2004**

**Apr 15, 2004:** We took 0-400 metres of soil samples south of a lake at 686000 East and 5485000 m North (File 0402030) Dated May 12, 2004.

These soils were taken to see the amount of copper there in the area East of the Concha Claims (1.5 kilometres East of the claims). However the results were low and the area was dropped.

**Apr 17, 2004:** Line 34+25E - 36+90N of quartz feldspar porphyry, vuggy silicious (File A402029) May 12, 2004 Samples

|      | Cu ppm | Au ppb |
|------|--------|--------|
| 0001 | 30.6   | 10.0   |
| 0002 | 29.8   | 33.3   |
| 0003 | 87.9   | 309.3  |
| 0004 | 38.3   | 35.9   |
| 0005 | 56.1   | 952.9  |
| 0006 | 102.7  | 693.7  |
| 0007 | 85.0   | 71.2   |
| 0008 | 27.3   | 290.7  |
| 0009 | 78.0   | 762.0  |
| 0010 | 4.4    | 1.1    |

AVERAGE  $\frac{3159}{9}$  = 351 ppb  
over 30m



## ROCK SAMPLES

|               |   |  | ppm      | ppb    |
|---------------|---|--|----------|--------|
| 36E - 40+00N  | Quartz feldspar porphyry with quartz veins                            |  | 211.7 Cu | 7.2 Au |
| AL 0+0N       | Quartz float  |  | 110 Cu   | 36 Au  |
| AL + 89N      | Float from Ultra basic dyke rock with Quartz veining                  |  | 493 Cu   | 42 Au  |
| Lake 1+00N    | Quartz and Epidote  |  | 235 Cu   | 7.5 Au |
| 33+50N 35+25E | Small Quartz rocks near the samples 0001-0010 File A407161            |  |          |        |
| 34+50N 40+30N | Calcite on outer surface Quartz eyes, Iron staining fizz with vinegar |  | 222 Cu   | 2.4 Au |
| 34+50E 38+55N | Porphy rusty and Hematite weak fizz with vinegar                      |  | 38 Cu    | 16 Au  |
| 34+50E 38+00N | Black stain MN ? Quartz eyes, rusty no fizz with vinegar              |  | 117 Cu   | 10 Au  |
| 34+50 37+50N  | Well altered, MA Staining and Iron weak fizz with vinegar             |  | 77Cu     | 82 Au  |

|                         | Cu                     | Au                  |
|-------------------------|------------------------|---------------------|
| Cu -0-10N               | 2236.3                 | 1342.3              |
| Cu 10-20N               | 1176.1                 | 684.5               |
| Cu 20-30N               | 1372.0                 | 1135.7              |
| Cu Pit 12'              | 2077.1                 | 80.5                |
| Cu 0-10E                | 1195.0                 | 783.9               |
| <b>5 Sample Average</b> | <b>1611.2 over 40'</b> | <b>804 over 40'</b> |

The above samples were taken around the pit 37+50N - 33+50E.  
The rock unit here is Ultra Basic Dyke

**Trench NW of Copper Pit** Quartz feldspar porphyry 278 Cu, 20 Au

**AL 450N Creek** Quartz veining Alison Creek 13.3 Cu, 11 Au

**ANT Claim** Large quartz found unconsolidated boulder by fence

**ANT Claims** 1892 Cu, 30 Au

1 kilometre East of Jura near road turn-off and fence to the east

**58N 47+00 AL** Quartz veining from trench 107Cu, 3.1 Au Wk Magnetic

**58N 47+00** Quartz 2-3 " veining from trench near fence 41 Cu, 1.0Au

**37N 35E** Quartz feldspar porphyry 33Cu 7.0Au

**48E 66+10** Rose quartz veining near pit at this coordinate 16Cu, 0.6 Au

**End of A407161**

## Start of 407162

### 7.0 Work Done on Property October, 2004

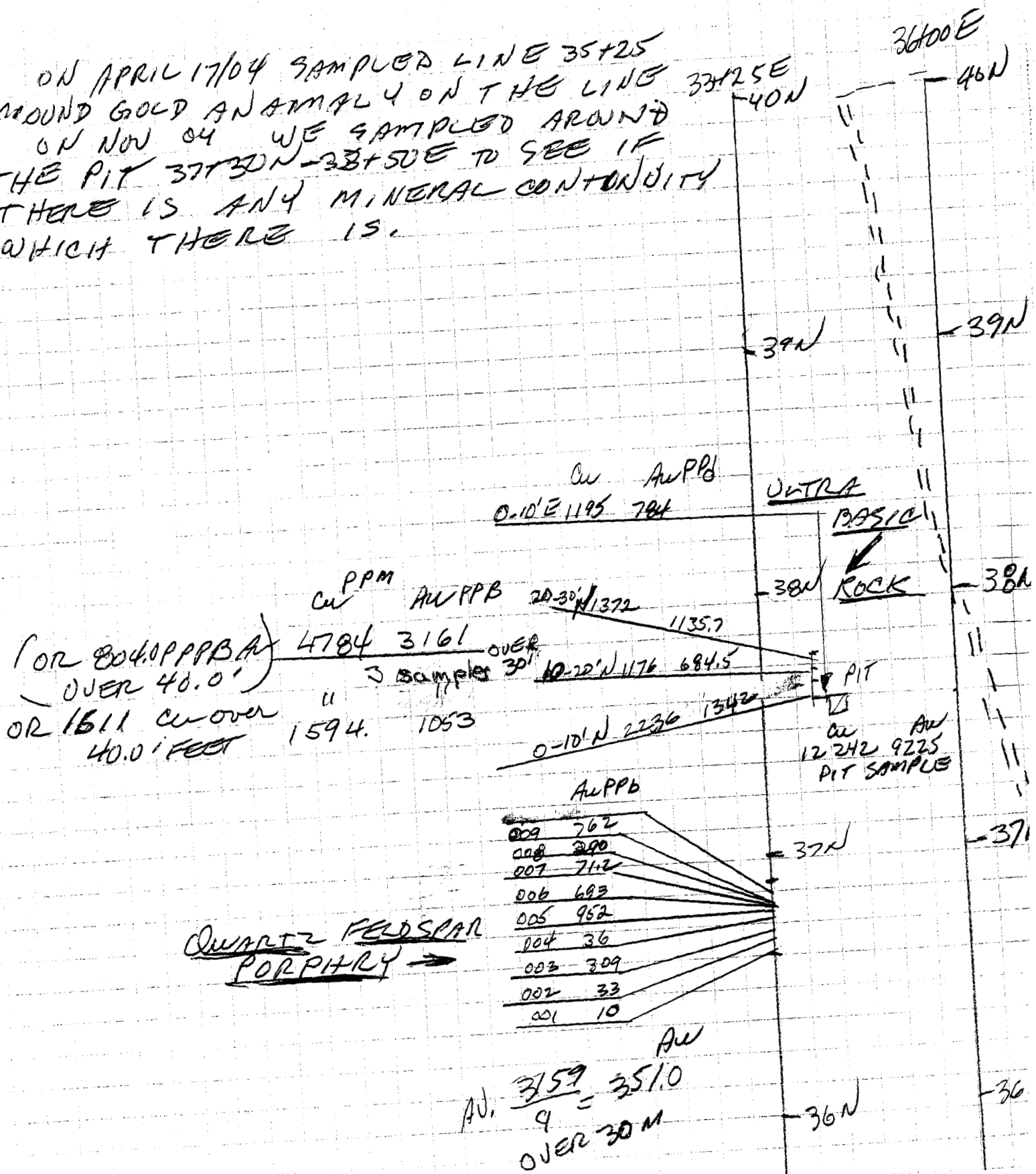
**Oct 27, 2004** We blazed and flagged and put stations in preparation for geophysics line 30+00E (38+50N – 34+50N). This is a very deep canyon, where samples were taken from the bottom and one side. This canyon may be the old water course of Alison Creek. Some copper anomalous was found and it hooks up with the geochemistry to the east. 13 soils were taken.

**Oct 29, 2004** We finished the line AL 350N to 450N. From 50N – 150N there is a copper gold anomaly that may line up with the ultra basic outcrop 41+50N 36+25E, just North of the pipeline.

**Oct 30, 2004** Blazed and flagged 34+50E, 35N to 41N with stations in preparation for geophysics. Two samples soils very near the pipeline 34+50E 41N 495 Cu, 12 Au and 34+50E – 40+50N 377.6 Cu, 62 Au ppb.

**Oct 28, 2004** Soiled samples lines 48E, 47+50E, 47E, 46E, 63N to 67N. We found a new copper zone just west of the fault in this deep gully flat at the bottom. Thirty-eight Were taken here.

ON APRIL 17/04 SAMPLED LINE 35+25  
 AROUND GOLD ANAMALU ON THE LINE 33+25E  
 ON NOV 04 WE SAMPLED AROUND  
 THE PIT 37+30N-33+50E TO SEE IF  
 THERE IS ANY MINERAL CONTINUITY  
 WHICH THERE IS.



SKETCH OF  
 ROCK SAMPLED AREAS  
 CONCHA CLAIMS SOUTHERN ZONE

**CASH EXPENSES P.I.**

**9.0 Princeton Concha Claims Trip April 14-18, 2004**

**April 14, 2004** Picked up the vehicle, then drove to Princeton

|            |          |
|------------|----------|
| A. Brandys | \$290.00 |
| D. Hopper  | \$290.00 |

**April 17, 2004** Sampled line 35+25E around gold anomaly there lines 36E – 35+25E  
150 metres South AM.

PM sampled 300 metres N of pipeline East of cabins Alison Creek area

|            |          |
|------------|----------|
| A. Brandys | \$290.00 |
| D. Hopper  | \$290.00 |

**April 15, 2004** Sampled 400 metres (soil) South of Lake, East of King 1

|            |            |         |
|------------|------------|---------|
| A. Brandys | 30% of day | \$90.00 |
| D. Hopper  | 30% of day | \$90.00 |

**April 18, 2004** Packed up gear and returned vehicle to owners

|            |          |
|------------|----------|
| A. Brandys | \$290.00 |
| D. Hopper  | \$290.00 |

**Credit Card Expense**  $\$1320.35 \times 0.66 = \$871.43$

**Cash Expense**  $\$231.80 \times 0.66 = \$152.98$

**May 25, 2004** Assaying A0402029 \$789.10

TOTAL \$3733.51



### Cash Expenses April 14 – 18, 2004

|                     |                  |                           |
|---------------------|------------------|---------------------------|
| April 14 – 18, 2004 | Truck Rent       | 293.64                    |
| April 14 – 18, 2004 | Motel Rent       | 414.00                    |
| April 18, 2004      | Gas              | 62.19                     |
| April 14, 2004      | Meal             | 39.70                     |
| April 14, 2004      | Gas              | 46.75                     |
| April 15, 2004      | Consummed        | 68.61                     |
| April 15, 2004      | Meal             | 22.85                     |
| April 12, 2004      | Deakin Equipment | 164.45                    |
| April 12, 2004      | Equipment        | 11.96                     |
| April 16, 2004      | Axe              | 50.10                     |
| April 16, 2004      | Axe              | 36.84                     |
| April 16, 2004      | Meal             | 82.34                     |
| April, 2004         | Credit Card      | Sub total 1320.35         |
|                     |                  | X 0.66                    |
|                     |                  | <b>Claims Used 871.43</b> |

### CASH

|                |              |                                   |
|----------------|--------------|-----------------------------------|
| April 14, 2004 | Misc N.V.    | 13.92                             |
| April 17, 2004 | Meal         | 6.45                              |
| April 17, 2004 | Equipment    | 18.18                             |
| April 17, 2004 | Consummed    | 28.25                             |
| April 17, 2004 | Consummed    | 19.54                             |
| April, 2004    | Consummed    | 24.30                             |
| April 16, 2004 | Refreshments | 19.54                             |
| April 16, 2004 | Food         | 5.52                              |
| April 15, 2004 | Equipment    | 10.29                             |
| April 15, 2004 | Meal         | 18.30                             |
| April 16, 2004 | Meal         | 15.52                             |
| April 14, 2004 | Food         | 9.09                              |
| April 18, 2004 | Meal         | 20.00                             |
| April 13, 2004 | Tags         | 22.90                             |
|                |              | Sub total 231.90                  |
|                |              | X 0.66                            |
|                |              | <b>Cash Used on Claims 152.99</b> |

### 10.0 Princeton Concha Claims Trip October 26-31, 2004

#### Credit Card Expenses

|                     |            |                |
|---------------------|------------|----------------|
| October 26-30, 2004 | Motel Rent | 448.66         |
| October 31, 2004    | Gas        | 30.00          |
| October 31, 2004    | Gas        | 22.08          |
| October 26-30, 2004 | Truck Rent | 277.94         |
| October 30, 2004    | Meal       | 72.88          |
| October 29, 2004    | Meal       | 56.61          |
| October 28, 2004    | Meal       | 72.66          |
| October 27, 2004    | Meal       | 54.41          |
| October 26, 2004    | Gas        | 56.45          |
| October 29, 2004    | ?          | 47.53          |
|                     |            | <b>1138.86</b> |

#### CASH EXPENSES

|                  |                   |                     |
|------------------|-------------------|---------------------|
| October 30, 2004 | Refreshment N.V.  | 28.50               |
| October 29, 2004 | Refreshments      | 20.25               |
| October 30, 2004 | Food              | 3.50                |
| October 31, 2004 | Meal              | 13.16               |
| October, 2004    | Meal              | 9.52                |
| October 30, 2004 | Refreshments      | 21.75               |
| October 30, 2004 | Equipment         | 7.29                |
| October 30, 2004 | Food              | 1.93                |
| October 29, 2004 | Refreshments      | 28.50               |
|                  | Meal              | 21.00               |
| October 28, 2004 | Refreshments      | 22.75               |
| October 28, 2004 | Refreshments N.V. | 20.00               |
| October 28, 2004 | Food              | 5.93                |
| October 27, 2004 | Refreshments      | 22.15               |
| October 27, 2004 | Refreshments N.V. | 18.25               |
| October 27, 2004 | Food N.V.         | 3.80                |
| October, 2004    | Meal              | 21.00               |
| October 26, 2004 | Gas               | 15.00               |
| October 26, 2004 | Meal              | 47.53               |
| October 26, 2004 | Equipment         | 4.86                |
| October, 2004    | Meal              | 22.00               |
|                  |                   | <b>TOTAL 318.14</b> |

**Princeton Concha Claims Trip October 26-31, 2004**

**File A407162**

**October 26, 2004** Picked up vehicle and drove to Princeton

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**October 27, 2004**

Start line at 30E – 38+50N to 43+50N down deep gully  
for geophysics vate

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**October 28, 2004**

Soil sampled four (4) lines 48E – 47+50E 47E 46E  
63N – 67+00N on DOUG H Claim

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**October 29, 2004**

AM sampled AL 350N – 450N to east of cabins  
PM sampled around pit in th Cu zone 10' samples

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**October 30, 2004** Blazed and flagged 34+50E

35N to 41N soils and rock

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**October 31, 2004**

Sampled ANT claims. Drove to Vancouver

|           |          |
|-----------|----------|
| Brandys   | \$300.00 |
| D. Hopper | \$300.00 |

**November 01, 2004**

Returned vehicle

|           |          |
|-----------|----------|
| Brandys   | \$150.00 |
| D. Hopper | \$150.00 |

subtotal **\$3900.00**

**February 13, 2004**

|                |          |
|----------------|----------|
| Report writing | \$500.00 |
| Printing       | \$30.00  |
| Typing         | \$150.00 |

**TOTAL \$4580.00**

**11.0 Invoices, Dates Costs of Pages As Says**

| <u>INVOICE #</u> | <u>DATE</u>           | <u>COST</u>             |
|------------------|-----------------------|-------------------------|
| A402029          | May 25, 2004 Rock     | -                       |
| A407161          | Dec 08, 2004 Rock     | 1297.70                 |
| A407162          | Dec 07, 2004 Soils    | -                       |
| A402030          | May 21, 2004 Soils    | -                       |
| TOTAL COST       | April 14 – 18, 2004   | \$3733.51               |
|                  | October 26 – 30, 2004 | <u>\$4580.00</u>        |
|                  |                       | <b>TOTAL \$9,611.21</b> |

**12.0 Report's Statements of Work**

**Note the above assay sheets are all together in the statements of work, cash payments, rental**

The following event numbers are the ones included in this report assays above and statements of work

| Event#  | Date       |
|---------|------------|
| 3213375 | July 12/04 |
| 3213448 | July 13/04 |
| 3213439 | July 13/04 |
| 3220447 | Nov 19/04  |
| 4025954 | Apr 11/04  |





GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A402029  
907 - 7272 Kingsway, Burnaby BC V5E 1G4

| SAMPLE#         | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca %  | P %  | La ppm | Cr ppm | Mg % | Ba ppm | Ti ppm | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S %  | Ga ppm | Se ppm |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|--------|--------|------|--------|--------|-------|------|------|-----|-------|--------|--------|--------|------|--------|--------|
| 0001            | .7     | 30.6   | 2.8    | 60     | <.1    | 1.6    | 10.4   | 1028   | 3.34 | 6.3    | .4    | 10.0   | 1.3    | 21     | .3     | .1     | .1     | 68    | 1.36  | .061 | 5      | 1.9    | 1.02 | 67     | .007   | 4     | 1.04 | .044 | .08 | <.2   | .01    | 10.6   | <.1    | <.05 | 5      | <.5    |
| 0002            | .7     | 29.8   | 2.4    | 61     | <.1    | 1.3    | 12.1   | 1190   | 3.86 | 6.6    | .3    | 33.3   | 1.0    | 38     | .3     | .3     | .1     | 85    | 2.64  | .063 | 6      | 1.6    | .94  | 71     | .016   | 4     | 1.05 | .052 | .07 | <.1   | .01    | 10.7   | <.1    | <.05 | 6      | <.5    |
| 0003            | .9     | 87.9   | 3.2    | 69     | .1     | 1.6    | 12.9   | 895    | 4.43 | 6.9    | .4    | 309.3  | 1.3    | 27     | .2     | .2     | .1     | 112   | 1.74  | .056 | 6      | 2.2    | 1.27 | 46     | .016   | 4     | 1.13 | .052 | .05 | <.1   | .01    | 12.0   | <.1    | <.05 | 8      | <.5    |
| 0004            | .6     | 38.3   | 2.7    | 66     | .1     | 1.6    | 11.4   | 829    | 3.64 | 5.8    | .3    | 35.9   | 1.0    | 27     | .2     | .2     | .2     | 84    | 2.25  | .057 | 5      | 1.5    | .90  | 61     | .014   | 3     | 1.00 | .040 | .07 | <.1   | .01    | 11.0   | <.1    | <.05 | 6      | <.5    |
| 0005            | .5     | 56.1   | 2.5    | 62     | .2     | 1.3    | 12.2   | 806    | 4.11 | 6.6    | .3    | 952.9  | 1.0    | 21     | .2     | .3     | <.1    | 98    | 1.60  | .049 | 5      | 2.0    | 1.13 | 53     | .013   | 1     | 1.15 | .038 | .05 | .3    | .01    | 10.2   | <.1    | <.05 | 6      | <.5    |
| 0006            | 3.9    | 102.7  | 6.5    | 60     | .6     | 1.4    | 11.3   | 793    | 4.54 | 13.8   | .3    | 693.7  | 1.2    | 17     | .2     | .3     | 1.5    | 98    | .83   | .045 | 5      | 3.0    | 1.33 | 110    | .006   | 1     | 1.48 | .040 | .06 | <.1   | .01    | 9.5    | <.1    | <.05 | 10     | <.5    |
| 0007            | 1.0    | 85.0   | 1.5    | 44     | .1     | 1.0    | 6.8    | 563    | 2.15 | 8.8    | .2    | 71.2   | .9     | 33     | .1     | .5     | <.1    | 54    | 1.47  | .026 | 4      | 3.8    | .90  | 40     | .020   | 4     | .97  | .051 | .04 | <.1   | .01    | 6.5    | <.1    | <.05 | 5      | <.5    |
| 0008            | .4     | 27.3   | 3.4    | 271    | .1     | 2.3    | 6.2    | 571    | 4.59 | 7.3    | .2    | 290.7  | 2.2    | 22     | 2.3    | .3     | .5     | 93    | 1.92  | .049 | 4      | 5.0    | .64  | 41     | .006   | 3     | .87  | .038 | .07 | .1    | .03    | 6.5    | <.1    | <.05 | 5      | <.5    |
| 0009            | 1.2    | 78.0   | 4.0    | 59     | .2     | 1.3    | 14.4   | 968    | 5.26 | 20.6   | .3    | 762.0  | .9     | 31     | .3     | .2     | .8     | 98    | 1.84  | .053 | 5      | 1.9    | 1.20 | 71     | .013   | 3     | 1.17 | .043 | .07 | .2    | .01    | 10.1   | <.1    | <.05 | 8      | <.5    |
| 0010            | .3     | 4.4    | 8.3    | 12     | <.1    | 3.7    | 2.8    | 139    | .95  | <.5    | .1    | 1.1    | .8     | 2142   | .1     | <.1    | <.1    | 8     | 27.27 | .007 | 10     | 3.8    | .65  | 12     | .013   | 4     | .53  | .042 | .02 | <.1   | .01    | 1.5    | <.1    | .11  | 2      | <.5    |
| 0011            | .9     | 9.1    | 2.1    | 8      | <.1    | 3.2    | 1.4    | 44     | .69  | 1.5    | .1    | 7.2    | 1.2    | 21     | <.1    | .1     | <.1    | 6     | .29   | .009 | 7      | 12.7   | .06  | 14     | .004   | <.1   | .11  | .013 | .07 | 1.5   | <.01   | .6     | <.1    | .08  | 1      | <.5    |
| 36+00E 40+00N   | .6     | 211.7  | 2.8    | 28     | .2     | 10.6   | 15.1   | 820    | 3.20 | 12.3   | .2    | 35.9   | 1.0    | 114    | .1     | .2     | .1     | 119   | 4.70  | .152 | 7      | 23.2   | 1.26 | 33     | .005   | 6     | 1.29 | .022 | .07 | <.1   | .01    | 6.8    | <.1    | .09  | 6      | .5     |
| AL 0+0N         | .3     | 110.4  | 1.8    | 22     | .1     | 5.4    | 39.4   | 1161   | 2.84 | 4.8    | .3    | 2.3    | .9     | 230    | .1     | .1     | <.1    | 116   | 12.26 | .114 | 10     | 15.8   | 1.35 | 84     | .007   | 1     | 1.38 | .014 | .05 | <.1   | .01    | 6.7    | <.1    | <.05 | 7      | <.5    |
| AL 0+89N        | .5     | 473.7  | 13.3   | 48     | .6     | 10.7   | 19.0   | 1547   | 3.41 | 51.9   | .5    | 41.7   | .7     | 177    | .2     | .5     | .2     | 93    | 9.42  | .125 | 9      | 18.6   | 1.46 | 61     | .005   | 2     | 1.49 | .017 | .11 | <.1   | .01    | 4.9    | <.1    | .34  | 6      | <.5    |
| LAKE 1+00N      | .5     | 235.4  | 1.0    | 53     | .1     | 7.6    | 14.7   | 1046   | 3.10 | 10.5   | .2    | 7.5    | .5     | 99     | <.1    | .4     | <.1    | 128   | 3.82  | .161 | 4      | 11.7   | 1.29 | 17     | .193   | 5     | 1.54 | .053 | .02 | .3    | <.01   | 6.3    | <.1    | <.05 | 8      | <.5    |
| 33+50N 35+25E   | .2     | 119.7  | .6     | 65     | .2     | 13.6   | 24.0   | 664    | 3.80 | 1.2    | .1    | 7.2    | .3     | 63     | <.1    | .2     | <.1    | 135   | 1.64  | .101 | 2      | 16.2   | 1.70 | 218    | .201   | <.1   | 1.78 | .035 | .95 | .1    | .01    | 5.4    | .3     | <.05 | 6      | <.5    |
| #1 ONT 0+0      | 1.2    | 5.3    | 2.9    | 2      | <.1    | 1.6    | .6     | 23     | .34  | 1.2    | .1    | 1.5    | .2     | 13     | <.1    | <.1    | <.1    | 3     | .07   | .005 | 1      | 6.9    | .02  | 6      | .003   | <.1   | .03  | .004 | .02 | 1.9   | .01    | .2     | <.1    | <.05 | <.1    | <.5    |
| #2 ONT 1+00E    | .6     | 5.1    | 3.1    | 20     | <.1    | 2.5    | 3.3    | 1694   | .44  | 1.5    | .7    | 1.2    | .8     | 116    | <.1    | <.1    | <.1    | 7     | 23.98 | .024 | 8      | 4.7    | 6.40 | 12     | .003   | 4     | .06  | .013 | .04 | <.1   | <.01   | .8     | <.1    | .13  | <.1    | <.5    |
| #3 ONT 2+50E    | 3.4    | 2.6    | 15.0   | 2      | .1     | 1.8    | .6     | 27     | .33  | 3.6    | .1    | <.5    | .2     | 14     | <.1    | <.1    | <.1    | <.1   | .12   | .004 | <.1    | 6.3    | .05  | 10     | .001   | <.1   | .05  | .003 | .06 | 1.3   | <.01   | .2     | <.1    | .06  | <.1    | <.5    |
| RE #3 ONT 2+50E | 3.8    | 2.8    | 16.4   | 2      | .1     | 1.3    | .7     | 27     | .34  | 3.1    | .2    | <.5    | .2     | 13     | <.1    | <.1    | <.1    | 1     | .10   | .005 | <.1    | 6.6    | .03  | 11     | .001   | <.1   | .05  | .003 | .06 | 1.4   | <.01   | .2     | <.1    | .09  | <.1    | <.5    |
| STANDARD DSS    | 13.6   | 138.4  | 25.6   | 140    | .3     | 25.5   | 12.5   | 746    | 3.01 | 19.8   | 5.8   | 42.0   | 2.7    | 51     | 5.5    | 3.8    | 5.9    | 61    | .74   | .087 | 12     | 190.8  | .69  | 139    | .098   | 16    | 1.99 | .032 | .15 | 4.7   | .18    | 3.4    | 1.2    | .06  | 6      | 4.8    |

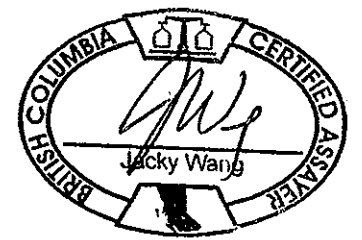
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GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ROCK  
SAMPLES

Data h FA \_\_\_\_\_ DATE RECEIVED: MAY 12 2004 DATE REPORT MAILED: May 24/2004





GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A407161

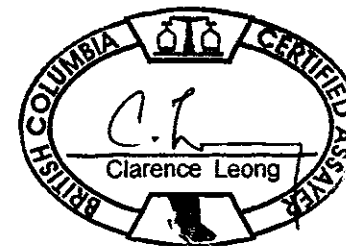
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

| SAMPLE#                  | Mo   | Cu     | Pb   | Zn  | Ag  | Ni   | Co   | Mn   | Fe   | As   | U   | Au     | Th  | Sr  | Cd  | Sb  | Bi  | V   | Ca    | P    | La  | Cr    | Mg   | Ba  | Ti   | B  | Al   | Na   | K   | W   | Hg   | Sc   | Tl  | S    | Ga  | Se   |
|--------------------------|------|--------|------|-----|-----|------|------|------|------|------|-----|--------|-----|-----|-----|-----|-----|-----|-------|------|-----|-------|------|-----|------|----|------|------|-----|-----|------|------|-----|------|-----|------|
|                          | ppm  | ppm    | ppm  | ppm | ppm | ppm  | ppm  | ppm  | %    | ppm  | ppm | ppb    | ppm | ppm | ppm | ppm | ppm | ppm | %     | %    | ppm | ppm   | %    | ppm | %    | %  | %    | %    | %   | ppm | ppm  | ppm  | ppm | %    | ppm | ppm  |
| SI                       | .1   | 1.4    | .5   | 1   | <.1 | 2.6  | .3   | 11   | .06  | 3.6  | <.1 | <.5    | <.1 | 9   | <.1 | <.1 | <.1 | 1   | .18   | .001 | <.1 | 1.2   | .01  | 2   | .001 | 1  | .03  | .633 | .01 | <.1 | <.01 | .1   | <.1 | <.05 | <.1 | <.5  |
| 34+50E 40+30N            | .7   | 222.2  | 2.7  | 29  | .1  | 15.1 | 16.0 | 1023 | 4.22 | 7.6  | .4  | 2.4    | 1.2 | 105 | .1  | .3  | .1  | 180 | 5.01  | .156 | 11  | 29.1  | 1.49 | 38  | .009 | 6  | 1.70 | .012 | .08 | <.1 | <.01 | 9.6  | <.1 | <.05 | 8   | <.5  |
| 34+50E 38+55N            | 2.4  | 38.1   | 2.3  | 90  | .1  | 7.9  | 23.9 | 789  | 3.59 | 63.2 | .2  | 16.6   | 1.0 | 91  | .9  | .6  | .2  | 130 | 3.40  | .172 | 6   | 17.3  | 1.30 | 61  | .103 | 6  | 1.55 | .053 | .07 | <.1 | <.01 | 8.5  | <.1 | .17  | 6   | .8   |
| 34+50E 38+00N            | .5   | 117.8  | 2.3  | 40  | .1  | 3.7  | 7.5  | 748  | 4.44 | 17.7 | .1  | 9.7    | .8  | 87  | .1  | .2  | .1  | 194 | 4.76  | .190 | 10  | 2.1   | 1.15 | 44  | .005 | 6  | 1.43 | .030 | .07 | <.1 | <.01 | 9.0  | <.1 | .21  | 8   | <.5  |
| 34+50E 37+50N            | 2.7  | 77.3   | 5.3  | 81  | .2  | 2.8  | 11.4 | 906  | 5.06 | 30.2 | .2  | 82.0   | .9  | 29  | .6  | .3  | .3  | 110 | 1.09  | .060 | 5   | 2.3   | .23  | 133 | .004 | 17 | .57  | .052 | .08 | .1  | .01  | 9.0  | <.1 | .66  | 3   | 2.4  |
| 5.3<br>CU 0-10'N         | .9   | 2236.3 | 2.0  | 44  | .4  | 15.6 | 30.5 | 734  | 5.41 | 12.5 | .5  | 1342.3 | .8  | 63  | <.1 | .1  | <.1 | 187 | 2.89  | .160 | 18  | 23.7  | 2.59 | 20  | .010 | 3  | 2.14 | .019 | .09 | <.1 | <.01 | 10.1 | <.1 | <.05 | 12  | <.5  |
| CU 10'-20'N              | 9.6  | 1176.1 | 2.0  | 54  | .3  | 14.4 | 31.5 | 640  | 5.59 | 11.5 | .5  | 684.5  | 1.0 | 44  | .1  | .4  | .1  | 194 | 2.02  | .175 | 26  | 22.8  | 2.34 | 46  | .010 | 4  | 1.97 | .027 | .12 | <.1 | <.01 | 9.2  | <.1 | <.05 | 11  | <.5  |
| CU 20'-30'N              | 12.3 | 1372.0 | 2.0  | 35  | .4  | 21.4 | 57.9 | 628  | 5.54 | 14.0 | .6  | 1135.7 | 1.2 | 52  | .1  | .2  | .1  | 176 | 1.93  | .191 | 17  | 16.6  | 2.13 | 46  | .010 | 3  | 1.82 | .022 | .08 | <.1 | <.01 | 9.6  | <.1 | <.05 | 10  | <.5  |
| CU PIT 12                | 24.8 | 2077.1 | 2.7  | 34  | .6  | 8.9  | 10.4 | 698  | 4.90 | 6.7  | .3  | 80.5   | 1.0 | 70  | <.1 | .2  | .1  | 175 | 3.61  | .180 | 10  | 16.2  | 1.72 | 26  | .011 | 3  | 1.74 | .018 | .08 | .1  | .01  | 7.2  | <.1 | <.05 | 9   | .5   |
| CU 0'-10'E               | 13.5 | 1195.0 | 1.6  | 43  | .4  | 17.4 | 45.6 | 726  | 5.20 | 9.5  | .4  | 783.9  | 1.1 | 84  | .1  | .2  | <.1 | 184 | 2.80  | .170 | 29  | 22.8  | 2.47 | 28  | .015 | 3  | 2.11 | .023 | .09 | <.1 | <.01 | 9.6  | <.1 | <.05 | 12  | <.5  |
| TR NW OF CU PIT          | 1.1  | 278.4  | 4.0  | 27  | .2  | 9.8  | 16.8 | 654  | 4.04 | 14.8 | .4  | 19.7   | 1.0 | 107 | .1  | .1  | .2  | 144 | 4.30  | .174 | 12  | 19.0  | .82  | 53  | .005 | 11 | 1.25 | .018 | .11 | <.1 | <.01 | 6.1  | <.1 | .23  | 7   | .6   |
| AL 450N CREEK            | .3   | 13.3   | 5.9  | 39  | .2  | 12.2 | 23.6 | 1891 | 6.18 | 6.1  | .4  | 10.9   | .9  | 422 | .3  | .1  | .7  | 182 | 12.04 | .124 | 10  | 26.4  | 2.38 | 127 | .013 | 2  | 2.15 | .006 | .07 | <.1 | <.01 | 13.5 | <.1 | .06  | 9   | <.5  |
| RE AL 450N CREEK         | .4   | 13.3   | 6.1  | 40  | .1  | 11.5 | 23.1 | 1920 | 6.26 | 6.2  | .3  | 8.9    | .9  | 427 | .3  | .1  | .6  | 181 | 12.24 | .125 | 10  | 26.7  | 2.41 | 122 | .014 | 2  | 2.17 | .006 | .08 | <.1 | <.01 | 14.0 | <.1 | .07  | 9   | <.5  |
| NEAR<br>PIT<br>ANT CLAIM | 1.4  | 1892.9 | 4.7  | 75  | .7  | 6.7  | 13.4 | 442  | 4.90 | 16.5 | .3  | 30.5   | 1.0 | 86  | .4  | .1  | .8  | 74  | 1.68  | .108 | 3   | 6.7   | 1.34 | 32  | .111 | 2  | 1.17 | .024 | .21 | .2  | .08  | 2.7  | <.1 | 5.32 | 4   | 11.5 |
| 58N 47+00E AL            | .4   | 107.2  | 5.3  | 186 | .2  | 14.6 | 30.3 | 3506 | 6.92 | 5.1  | .3  | 3.1    | 1.1 | 269 | .3  | .6  | <.1 | 321 | 7.61  | .152 | 12  | 16.1  | 2.74 | 150 | .008 | 2  | 2.40 | .008 | .08 | <.1 | .03  | 15.4 | <.1 | <.05 | 15  | <.5  |
| 58N 47E                  | .3   | 41.3   | 6.6  | 69  | <.1 | 2.0  | 10.4 | 4558 | 2.62 | 1.2  | .1  | 1.0    | .8  | 812 | .2  | .1  | <.1 | 74  | 14.73 | .104 | 13  | 1.7   | .78  | 492 | .005 | 2  | 1.08 | .008 | .24 | .1  | <.01 | 6.1  | <.1 | <.05 | 3   | <.5  |
| 37N 35E                  | 1.3  | 33.3   | 5.4  | 55  | <.1 | 1.3  | 7.8  | 683  | 2.89 | 7.5  | .2  | 7.0    | 1.6 | 36  | .2  | .3  | <.1 | 55  | 1.34  | .071 | 12  | 1.4   | .75  | 54  | .004 | 4  | .97  | .030 | .16 | <.1 | <.01 | 5.0  | <.1 | <.05 | 5   | <.5  |
| 48E 66+10N               | .8   | 15.9   | 1.7  | 3   | <.1 | 1.2  | .4   | 32   | .34  | 1.4  | .7  | .6     | 2.4 | 33  | <.1 | .1  | <.1 | 5   | .07   | .008 | 6   | 3.4   | .03  | 189 | .011 | 1  | .17  | .024 | .12 | .3  | .01  | .3   | .1  | <.05 | <.1 | <.5  |
| STANDARD DS6             | 11.3 | 125.0  | 31.4 | 145 | .3  | 25.6 | 10.5 | 720  | 2.89 | 20.8 | 6.7 | 51.4   | 2.9 | 41  | 6.2 | 3.4 | 5.2 | 58  | .87   | .078 | 14  | 187.2 | .59  | 163 | .076 | 16 | 1.86 | .075 | .15 | 3.5 | .24  | 3.2  | 1.7 | <.05 | 6   | 4.6  |

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ROCK

Data FA \_\_\_\_\_ DATE RECEIVED: NOV 16 2004 DATE REPORT MAILED: Dec 7/04





GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A407162 Page 1  
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

| SAMPLE#           | Mo   | Cu    | Pb   | Zn  | Ag  | Ni   | Co   | Mn   | Fe   | As   | U   | Au   | Th  | Sr  | Cd  | Sb  | Bi  | V   | Ca   | P    | La  | Cr    | Mg   | Ba  | Ti   | B  | Al   | Na   | K   | W   | Hg   | Sc   | Tl  | S    | Ga  | Se  |
|-------------------|------|-------|------|-----|-----|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|----|------|------|-----|-----|------|------|-----|------|-----|-----|
|                   | ppm  | ppm   | ppm  | ppm | ppm | ppm  | ppm  | ppm  | %    | ppm  | ppm | ppb  | ppm | ppm | ppm | ppm | ppm | ppm | %    | %    | ppm | ppm   | %    | ppm | %    | %  | %    | %    | %   | ppm | ppm  | ppm  | ppm | %    | ppm | ppm |
| G-1               | 1.8  | 3.1   | 2.5  | 48  | <1  | 5.1  | 4.1  | 599  | 2.19 | .8   | 2.0 | <5   | 4.9 | 89  | <1  | <1  | .1  | 43  | .60  | .094 | 8   | 16.6  | 58   | 232 | .130 | 1  | .99  | .080 | .51 | 1.7 | <.01 | 2.4  | .3  | <.05 | 5   | <.5 |
| 37+50N 30E BANK   | 2.3  | 119.0 | 25.1 | 217 | .1  | 9.8  | 4.9  | 1877 | 1.02 | 3.9  | .3  | 1.4  | .2  | 123 | 1.9 | .5  | .3  | 23  | 2.43 | .152 | 5   | 13.7  | 32   | 532 | .025 | 10 | .71  | .020 | .18 | .8  | .11  | 1.2  | <.1 | .21  | 2   | .5  |
| 37N 30E BANK      | 1.1  | 57.0  | 6.8  | 58  | <.1 | 19.9 | 11.2 | 785  | 2.76 | 2.5  | .3  | 2.2  | 1.8 | 45  | .2  | .2  | .2  | 63  | .56  | .048 | 8   | 33.9  | .61  | 194 | .083 | 4  | 1.25 | .015 | .25 | .2  | .01  | 4.3  | .1  | <.05 | 4   | <.5 |
| 36+50N 30E BANK   | .9   | 68.3  | 6.9  | 128 | .1  | 10.9 | 9.3  | 2104 | 1.74 | 4.7  | .5  | <.5  | .9  | 94  | .6  | .2  | .1  | 32  | 1.51 | .217 | 9   | 12.9  | .34  | 469 | .051 | 11 | 1.51 | .018 | .24 | .2  | .05  | 3.3  | <.1 | .08  | 5   | <.5 |
| 36N 30E BANK      | 1.3  | 84.0  | 13.1 | 275 | .1  | 8.7  | 5.2  | 2831 | 1.03 | 3.8  | .3  | .7   | .1  | 146 | .9  | .2  | .1  | 20  | 2.40 | .298 | 5   | 10.8  | .26  | 785 | .022 | 15 | .79  | .015 | .15 | .3  | .08  | 1.0  | <.1 | .13  | 2   | <.5 |
| 35+50N 30E BANK   | 1.3  | 157.1 | 12.3 | 90  | .2  | 28.0 | 18.9 | 1072 | 3.81 | 6.0  | .5  | 7.1  | 2.0 | 70  | .3  | .4  | .3  | 88  | 1.12 | .101 | 10  | 58.4  | 1.06 | 208 | .094 | 5  | 1.66 | .026 | .26 | .3  | .04  | 5.4  | .1  | <.05 | 6   | .6  |
| 35N 30E BANK      | 1.3  | 171.3 | 16.3 | 82  | .2  | 29.7 | 19.3 | 1057 | 4.04 | 7.4  | .5  | 4.6  | 2.2 | 84  | .3  | .4  | .2  | 90  | 1.30 | .110 | 10  | 63.7  | 1.13 | 226 | .101 | 7  | 1.70 | .036 | .23 | .3  | .02  | 6.1  | .1  | <.05 | 6   | <.5 |
| 34+50N 30E BANK   | .9   | 188.8 | 18.3 | 108 | .2  | 30.8 | 19.3 | 1279 | 3.88 | 7.7  | .4  | 5.3  | 2.2 | 76  | .5  | .6  | .2  | 88  | 1.42 | .110 | 10  | 53.4  | 1.13 | 247 | .094 | 7  | 1.98 | .030 | .22 | .3  | .03  | 7.4  | .1  | <.05 | 7   | .5  |
| 34N 30E BANK      | 1.7  | 171.4 | 21.3 | 93  | .3  | 26.0 | 18.8 | 1229 | 4.00 | 8.9  | .6  | 2.1  | 2.4 | 98  | .6  | .7  | .2  | 83  | 1.98 | .128 | 13  | 43.0  | 1.03 | 305 | .077 | 8  | 1.95 | .026 | .23 | .3  | .06  | 8.4  | .1  | <.05 | 6   | <.5 |
| 33+50N 30E BANK   | 1.9  | 158.2 | 24.6 | 107 | .3  | 28.2 | 16.9 | 1634 | 2.91 | 8.3  | .5  | 6.2  | 1.3 | 120 | .6  | 1.1 | .2  | 62  | 2.38 | .146 | 8   | 46.4  | 1.07 | 302 | .062 | 11 | 1.38 | .052 | .30 | 1.0 | .03  | 4.3  | .1  | .06  | 5   | .5  |
| 37+50N 30E GROUND | 1.9  | 47.5  | 9.6  | 87  | .1  | 8.6  | 8.6  | 1159 | 1.95 | 2.5  | .4  | <.5  | 1.4 | 59  | .4  | .3  | .1  | 35  | .96  | .054 | 10  | 13.3  | .39  | 289 | .045 | 4  | 1.27 | .015 | .24 | .2  | .03  | 3.3  | <.1 | <.05 | 4   | <.5 |
| 37N 30E GROUND    | 4.0  | 35.8  | 5.3  | 104 | <.1 | 12.6 | 8.0  | 970  | 1.85 | 2.1  | .3  | 1.2  | 1.4 | 41  | .3  | .1  | .2  | 40  | .53  | .054 | 7   | 18.8  | .35  | 241 | .064 | 3  | 1.25 | .016 | .20 | .2  | .02  | 3.0  | .1  | <.05 | 4   | <.5 |
| 36+50N 30E GROUND | 1.4  | 32.2  | 4.8  | 66  | .1  | 14.5 | 9.0  | 795  | 2.39 | 2.3  | .4  | 1.1  | 1.9 | 36  | .1  | .2  | .2  | 52  | .46  | .054 | 8   | 22.8  | .43  | 209 | .066 | 4  | 1.22 | .014 | .24 | .3  | .02  | 3.2  | .1  | <.05 | 4   | <.5 |
| 36N 30E GROUND    | 1.0  | 24.5  | 3.5  | 61  | <.1 | 6.9  | 4.5  | 568  | 1.28 | 2.0  | .2  | .6   | .4  | 29  | .2  | .1  | .1  | 28  | .36  | .201 | 4   | 9.1   | .18  | 195 | .044 | 2  | 1.05 | .024 | .09 | .1  | .02  | 1.4  | <.1 | <.05 | 4   | <.5 |
| AL 450N           | 1.2  | 54.4  | 10.7 | 76  | .1  | 6.7  | 11.9 | 1060 | 2.91 | 2.8  | .2  | 54.3 | 1.2 | 68  | .6  | .2  | .2  | 56  | .73  | .089 | 12  | 9.0   | .50  | 371 | .038 | 4  | 1.49 | .018 | .11 | .1  | .03  | 8.1  | <.1 | <.05 | 5   | <.5 |
| AL 400N           | 1.4  | 130.6 | 12.3 | 68  | .1  | 5.9  | 8.7  | 1075 | 2.89 | 2.6  | .2  | 35.7 | 1.3 | 71  | .4  | .2  | .2  | 54  | .77  | .068 | 12  | 8.4   | .51  | 373 | .051 | 8  | 1.65 | .019 | .24 | .1  | .03  | 6.6  | .1  | <.05 | 6   | <.5 |
| AL 350N           | 1.9  | 191.7 | 15.8 | 90  | .1  | 8.5  | 12.2 | 1434 | 2.78 | 4.2  | .5  | 6.7  | 1.1 | 132 | 1.0 | .2  | .1  | 60  | 2.23 | .120 | 14  | 15.1  | .67  | 391 | .021 | 13 | 1.20 | .009 | .21 | .2  | .10  | 5.2  | .1  | .11  | 5   | .6  |
| 33+00N 37+00E     | 1.9  | 72.4  | 11.6 | 106 | .1  | 17.1 | 12.5 | 839  | 2.83 | 4.0  | .5  | 3.7  | 2.1 | 106 | .4  | .2  | .2  | 70  | .79  | .091 | 12  | 24.9  | .68  | 180 | .066 | 7  | 1.46 | .014 | .41 | .1  | .02  | 4.7  | .1  | <.05 | 5   | <.5 |
| 33+00N 36+50E     | .4   | 23.8  | 11.1 | 45  | .1  | 15.4 | 6.6  | 218  | 1.21 | 6.9  | 1.5 | 2.7  | 9.7 | 234 | .1  | .4  | .2  | 23  | .50  | .030 | 50  | 8.2   | .44  | 261 | .014 | 10 | .83  | .018 | .46 | <.1 | .04  | 3.8  | .4  | <.05 | 3   | <.5 |
| RE 33+00N 36+00E  | 1.2  | 29.4  | 12.1 | 62  | .1  | 11.2 | 7.6  | 533  | 1.76 | 10.2 | 2.0 | 1.9  | 7.3 | 167 | .2  | .5  | .2  | 30  | 1.02 | .063 | 29  | 11.3  | .45  | 194 | .026 | 13 | 1.02 | .009 | .32 | <.1 | .02  | 4.1  | .4  | <.05 | 4   | <.5 |
| 33+00N 36+00E     | 1.1  | 30.6  | 11.6 | 71  | .1  | 11.7 | 7.5  | 555  | 1.72 | 10.7 | 2.1 | 1.2  | 7.2 | 159 | .2  | .5  | .2  | 30  | .91  | .060 | 29  | 10.8  | .44  | 187 | .025 | 11 | .95  | .008 | .31 | <.1 | .01  | 3.9  | .3  | <.05 | 4   | <.5 |
| 34+50E 41+00N     | .9   | 495.0 | 13.4 | 63  | .2  | 14.3 | 26.7 | 1222 | 6.36 | 7.1  | .6  | 11.6 | 2.8 | 64  | .4  | .3  | .2  | 183 | .82  | .098 | 20  | 31.2  | 1.17 | 135 | .037 | 9  | 2.43 | .012 | .34 | .1  | .02  | 18.6 | .1  | <.05 | 12  | <.5 |
| 34+50E 40+50N     | 1.0  | 377.6 | 9.0  | 63  | .2  | 12.3 | 19.6 | 1643 | 7.40 | 11.3 | .5  | 62.0 | 2.5 | 42  | .2  | .3  | .2  | 198 | .98  | .156 | 22  | 18.5  | 1.30 | 140 | .016 | 10 | 2.38 | .007 | .26 | <.1 | .02  | 15.3 | .1  | <.05 | 11  | .5  |
| 66N 46E           | 4.3  | 85.1  | 11.1 | 72  | .1  | 20.6 | 12.9 | 1631 | 2.24 | 2.2  | 1.1 | <.5  | 4.8 | 286 | .4  | .4  | .2  | 57  | 1.15 | .072 | 22  | 17.8  | .73  | 147 | .040 | 10 | 1.19 | .012 | .35 | .3  | .02  | 3.3  | .5  | .16  | 5   | 2.6 |
| 65+50N 46E        | 2.1  | 26.4  | 14.1 | 50  | .1  | 16.1 | 6.9  | 645  | 1.21 | 1.0  | 1.9 | <.5  | 5.5 | 269 | .2  | .1  | .3  | 25  | .88  | .099 | 38  | 22.5  | .39  | 364 | .050 | 6  | 1.21 | .015 | .42 | <.1 | .02  | 2.4  | .3  | .06  | 4   | .8  |
| 65N 46E           | .9   | 24.3  | 9.2  | 44  | .1  | 7.2  | 5.1  | 413  | 1.10 | 1.1  | 1.0 | <.5  | 3.0 | 194 | .1  | .1  | .2  | 20  | .56  | .076 | 21  | 9.1   | .24  | 207 | .027 | 3  | .83  | .009 | .22 | <.1 | .02  | 1.4  | .2  | <.05 | 3   | <.5 |
| 64+50N 46E        | .7   | 26.8  | 6.2  | 62  | .1  | 5.4  | 4.8  | 586  | 1.29 | 1.3  | .8  | <.5  | 1.0 | 84  | .4  | .1  | .1  | 27  | .81  | .107 | 13  | 8.5   | .22  | 249 | .037 | 4  | 1.11 | .013 | .19 | .1  | .02  | 1.5  | .1  | <.05 | 4   | <.5 |
| 64N 46E           | .6   | 34.2  | 6.6  | 58  | .1  | 5.7  | 5.6  | 610  | 1.57 | 1.6  | .7  | <.5  | 2.0 | 53  | .4  | .1  | .1  | 35  | .61  | .088 | 12  | 11.6  | .23  | 186 | .051 | 2  | 1.04 | .012 | .21 | .1  | .01  | 2.2  | .1  | <.05 | 4   | <.5 |
| 63+50N 46E        | 1.1  | 28.6  | 6.6  | 45  | .1  | 5.7  | 5.1  | 495  | 1.56 | 1.6  | .8  | 1.3  | 3.3 | 35  | .2  | .1  | .1  | 35  | .43  | .061 | 14  | 11.8  | .19  | 145 | .048 | 2  | .93  | .011 | .18 | .1  | .02  | 2.2  | .1  | .06  | 3   | <.5 |
| 63N 46E           | 1.0  | 25.1  | 7.4  | 58  | .1  | 7.1  | 5.0  | 631  | 1.46 | 1.5  | 1.0 | .5   | 3.1 | 60  | .2  | .1  | .1  | 30  | .57  | .075 | 16  | 12.7  | .19  | 216 | .048 | 3  | 1.32 | .012 | .21 | .1  | .03  | 2.2  | .1  | <.05 | 4   | <.5 |
| 66N 46+50E        | 2.3  | 30.2  | 8.4  | 70  | .1  | 6.3  | 5.0  | 650  | 1.34 | 2.2  | 1.3 | .9   | 3.1 | 200 | .2  | .1  | .2  | 22  | .94  | .074 | 18  | 9.7   | .29  | 236 | .037 | 7  | 1.08 | .015 | .36 | .1  | .03  | 2.0  | .3  | .14  | 4   | .6  |
| 63N 46+50E        | 1.2  | 23.9  | 13.3 | 59  | .1  | 10.1 | 4.1  | 389  | .86  | 1.5  | 1.8 | <.5  | 6.2 | 195 | .2  | .2  | .3  | 22  | .75  | .075 | 29  | 14.6  | .32  | 320 | .021 | 9  | .83  | .011 | .26 | <.1 | .06  | 1.9  | .4  | .07  | 3   | <.5 |
| 66N 47E           | 1.3  | 44.2  | 10.4 | 82  | .1  | 7.9  | 7.5  | 739  | 1.73 | 2.1  | 1.0 | <.5  | 4.8 | 74  | .3  | .2  | .2  | 37  | .83  | .076 | 17  | 12.6  | .31  | 193 | .047 | 5  | 1.07 | .009 | .30 | .1  | .03  | 2.6  | .2  | .10  | 4   | <.5 |
| 65+50N 47E        | 1.2  | 116.0 | 6.5  | 77  | .1  | 6.8  | 12.5 | 783  | 2.48 | 2.1  | .6  | 1.6  | 2.3 | 132 | .2  | .2  | .1  | 84  | .91  | .117 | 11  | 11.8  | .90  | 116 | .057 | 6  | 1.18 | .008 | .38 | .1  | .02  | 3.2  | .1  | <.05 | 5   | <.5 |
| 65N 47E           | 1.1  | 212.7 | 7.5  | 77  | .1  | 7.7  | 18.2 | 1046 | 3.27 | 2.3  | .7  | 1.4  | 2.2 | 216 | .3  | .2  | .1  | 123 | 1.26 | .161 | 10  | 13.8  | 1.47 | 147 | .076 | 7  | 1.63 | .008 | .71 | .1  | .02  | 4.8  | .2  | .07  | 7   | <.5 |
| STANDARD DS6      | 11.5 | 122.5 | 29.2 | 146 | .3  | 24.0 | 10.6 | 710  | 2.81 | 21.9 | 6.3 | 48.8 | 2.9 | 40  | 6.1 | 3.5 | 4.9 | 55  | .83  | .076 | 14  | 190.6 | .58  | 164 | .077 | 16 | 1.79 | .071 | .15 | 3.4 | .24  | 3.1  | 1.7 | <.05 | 6   | 4.8 |

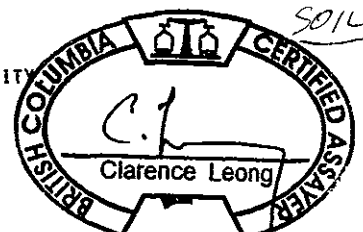
HOUSE

2

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY  
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA DATE RECEIVED: NOV 16 2004 DATE REPORT MAILED: Dec 7/04

All results are considered the confidential property of the client. Acme assumes no liabilities for actual cost of the analysis only.





| SAMPLE#       | Mo   | Cu    | Pb   | Zn  | Ag  | Ni   | Co   | Mn   | Fe   | As   | U   | Au   | Th  | Sr  | Cd  | Sb  | Bi  | V   | Ca   | P    | La  | Cr    | Mg   | Ba  | Ti   | B   | Al   | Na   | K   | W   | Hg   | Sc  | Tl  | S    | Ga  | Se  |
|---------------|------|-------|------|-----|-----|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|-----|------|------|-----|-----|------|-----|-----|------|-----|-----|
|               | ppm  | ppm   | ppm  | ppm | ppm | ppm  | ppm  | ppm  | %    | ppm  | ppm | ppb  | ppm | ppm | ppm | ppm | ppm | ppm | %    | %    | ppm | ppm   | %    | ppm | %    | ppm | %    | %    | %   | ppm | ppm  | ppm | ppm | %    | ppm | ppm |
| G-1           | 1.5  | 2.8   | 1.6  | 37  | <.1 | 4.0  | 3.6  | 494  | 1.78 | .5   | 1.7 | .6   | 4.0 | 85  | <.1 | <.1 | .1  | 36  | .52  | .079 | 7   | 13.6  | .51  | 225 | .119 | <.1 | 1.00 | .103 | .45 | 1.7 | <.01 | 3.4 | .3  | <.05 | 4   | <.5 |
| 64+50N 47E    | 1.5  | 176.3 | 5.6  | 83  | .1  | 8.1  | 16.7 | 1072 | 2.99 | 1.6  | .8  | 2.1  | 2.4 | 240 | .3  | .2  | .1  | 96  | .94  | .120 | 11  | 13.5  | 1.07 | 154 | .099 | 4   | 1.80 | .011 | .53 | .1  | .02  | 4.4 | .1  | .08  | 7   | .5  |
| 64N 47E       | 1.4  | 26.2  | 6.1  | 80  | .1  | 6.1  | 4.9  | 723  | 1.21 | 1.1  | .8  | 1.3  | .8  | 85  | .2  | .1  | .1  | 27  | .73  | .101 | 10  | 8.9   | .22  | 225 | .042 | 7   | 1.14 | .013 | .19 | .1  | .02  | 1.3 | .1  | .09  | 3   | <.5 |
| 63+50N 47E    | 6.5  | 40.6  | 6.3  | 148 | .1  | 6.8  | 6.5  | 857  | 1.37 | 1.2  | .7  | 1.4  | 2.1 | 57  | .5  | .1  | .1  | 30  | .46  | .147 | 11  | 10.4  | .29  | 251 | .045 | 10  | 1.35 | .011 | .29 | .1  | .03  | 2.3 | .1  | .07  | 4   | <.5 |
| 63N 47E       | 1.4  | 19.6  | 5.2  | 93  | .1  | 5.8  | 4.5  | 765  | 1.20 | 1.3  | .5  | <.5  | .6  | 56  | .4  | .1  | .1  | 26  | .59  | .111 | 8   | 8.6   | .18  | 271 | .041 | 1   | 1.13 | .014 | .11 | .1  | .03  | 1.1 | .1  | .08  | 3   | <.5 |
| 67+00N 47+50E | 1.0  | 70.8  | 6.0  | 99  | .1  | 7.8  | 10.5 | 866  | 2.04 | 1.5  | .8  | <.5  | 1.9 | 78  | .3  | .1  | .1  | 56  | .79  | .126 | 12  | 11.0  | .58  | 235 | .079 | 3   | 1.95 | .017 | .34 | .1  | .01  | 3.5 | .1  | <.05 | 6   | <.5 |
| 66+50N 47+50E | 2.3  | 43.2  | 7.6  | 78  | .1  | 6.4  | 6.8  | 680  | 1.62 | 2.4  | 1.3 | .8   | 4.6 | 123 | .2  | .1  | .1  | 32  | .87  | .091 | 19  | 22.0  | .34  | 231 | .041 | 3   | 1.13 | .019 | .29 | .1  | .02  | 3.1 | .2  | .17  | 4   | .5  |
| 66N 47+50E    | .9   | 70.8  | 6.0  | 74  | .1  | 7.0  | 8.8  | 871  | 1.92 | 1.4  | .7  | .8   | 2.8 | 73  | .3  | .2  | .1  | 48  | .74  | .109 | 11  | 11.3  | .45  | 215 | .048 | 2   | 1.33 | .011 | .27 | .1  | .01  | 2.8 | .1  | .06  | 5   | <.5 |
| 65+50N 47+50E | 1.4  | 152.4 | 6.4  | 87  | .2  | 7.3  | 14.6 | 1076 | 2.82 | 1.9  | .7  | 1.2  | 2.4 | 82  | .4  | .2  | .1  | 91  | .97  | .137 | 11  | 11.6  | .95  | 236 | .075 | 4   | 1.85 | .014 | .55 | .1  | .01  | 3.9 | .1  | <.05 | 6   | .5  |
| 65+00N 47+50E | .9   | 240.6 | 6.6  | 101 | .2  | 7.6  | 19.2 | 1382 | 3.39 | 1.8  | .6  | .7   | 1.8 | 101 | .4  | .1  | .1  | 115 | 1.32 | .180 | 10  | 12.6  | 1.33 | 250 | .073 | 4   | 1.84 | .014 | .73 | .1  | .02  | 4.3 | .1  | <.05 | 7   | .5  |
| 64+50N 47+50E | 1.7  | 221.4 | 7.0  | 101 | .1  | 6.7  | 17.7 | 1420 | 3.05 | 1.5  | .5  | 2.0  | 1.1 | 262 | .6  | .1  | .1  | 104 | 1.54 | .200 | 9   | 12.6  | 1.17 | 235 | .057 | 7   | 1.50 | .009 | .57 | .1  | .03  | 3.5 | .1  | .11  | 6   | .6  |
| 64N 47+50E    | 2.0  | 35.1  | 5.5  | 115 | .1  | 6.3  | 6.6  | 803  | 1.43 | 1.3  | .8  | <.5  | 1.2 | 85  | .3  | .1  | .1  | 34  | .75  | .125 | 10  | 8.6   | .28  | 229 | .047 | 4   | 1.14 | .012 | .22 | .1  | .02  | 1.8 | .1  | <.05 | 3   | <.5 |
| RE 64N 47+50E | 2.1  | 35.2  | 5.4  | 117 | .1  | 5.8  | 6.5  | 826  | 1.48 | 1.2  | .7  | <.5  | 1.1 | 86  | .3  | .1  | .1  | 36  | .78  | .133 | 10  | 9.4   | .31  | 233 | .048 | 4   | 1.23 | .011 | .23 | .1  | .02  | 1.7 | .1  | <.05 | 4   | <.5 |
| 63+50N 47+50E | 2.8  | 110.0 | 4.7  | 92  | .1  | 7.6  | 11.8 | 983  | 2.02 | 1.4  | .5  | 1.0  | .7  | 93  | .3  | .1  | .1  | 56  | .98  | .122 | 8   | 8.7   | .58  | 249 | .064 | 5   | 1.32 | .013 | .30 | .1  | .04  | 2.4 | <.1 | .07  | 4   | <.5 |
| 63N 47+50E    | 1.5  | 76.0  | 5.0  | 80  | .1  | 7.2  | 9.1  | 801  | 1.88 | 1.8  | .5  | <.5  | 1.4 | 69  | .2  | .1  | .1  | 48  | .74  | .099 | 10  | 9.3   | .42  | 213 | .070 | 4   | 1.49 | .017 | .24 | .1  | .02  | 2.6 | .1  | <.05 | 5   | <.5 |
| 67+00N 48+00E | 1.6  | 57.7  | 7.9  | 55  | .1  | 6.0  | 7.2  | 668  | 2.05 | 2.4  | 1.0 | <.5  | 5.6 | 100 | .2  | .2  | .1  | 48  | .84  | .076 | 21  | 11.2  | .46  | 208 | .051 | 5   | 1.02 | .026 | .35 | .1  | .03  | 2.8 | .3  | .20  | 4   | <.5 |
| 66+50N 48E    | 1.8  | 13.7  | 4.0  | 37  | <.1 | 1.4  | 1.3  | 119  | .59  | 2.4  | 1.9 | <.5  | 5.1 | 72  | .1  | .2  | .1  | 14  | .36  | .027 | 26  | 4.4   | .11  | 75  | .053 | 7   | .29  | .011 | .14 | .2  | .01  | 1.1 | .1  | .09  | 1   | <.5 |
| 66N 48E       | .8   | 172.9 | 5.2  | 84  | .2  | 17.3 | 23.6 | 1157 | 4.58 | 2.6  | .5  | 1.2  | 3.1 | 106 | .2  | .4  | .1  | 142 | 1.22 | .096 | 13  | 27.6  | 1.68 | 102 | .115 | 8   | 1.68 | .008 | .50 | <.1 | .01  | 8.5 | .1  | <.05 | 8   | .5  |
| 65+50N 48E    | 1.7  | 144.4 | 7.1  | 80  | .1  | 7.9  | 13.6 | 962  | 2.95 | 2.2  | .9  | 1.2  | 4.0 | 111 | .3  | .2  | .1  | 87  | .89  | .119 | 16  | 14.7  | .98  | 213 | .070 | 4   | 1.56 | .020 | .61 | .1  | .01  | 4.2 | .2  | .07  | 6   | .5  |
| 65N 48E       | 1.1  | 284.1 | 7.2  | 101 | .2  | 7.9  | 21.7 | 1479 | 3.88 | 2.2  | .7  | 3.8  | 2.4 | 99  | .5  | .2  | .1  | 136 | 1.36 | .197 | 10  | 15.3  | 1.52 | 214 | .085 | 5   | 2.00 | .010 | .78 | .1  | .02  | 5.0 | .1  | <.05 | 8   | .5  |
| 64+50N 48E    | 1.2  | 219.8 | 5.7  | 95  | .2  | 12.1 | 19.4 | 1338 | 3.79 | 2.5  | .6  | 1.0  | 2.2 | 107 | .3  | .3  | .1  | 126 | 1.05 | .166 | 11  | 17.6  | 1.17 | 146 | .098 | 2   | 2.01 | .012 | .52 | .1  | .02  | 6.3 | .1  | <.05 | 8   | <.5 |
| 64N 48E       | .8   | 196.3 | 6.6  | 78  | .1  | 8.7  | 17.1 | 1004 | 3.41 | 2.6  | .6  | 2.9  | 3.1 | 73  | .2  | .3  | .1  | 112 | 1.08 | .144 | 13  | 14.7  | 1.08 | 85  | .083 | 6   | 1.41 | .008 | .28 | .1  | .01  | 4.4 | .1  | <.05 | 6   | <.5 |
| 63+50N 48E    | .8   | 141.5 | 5.0  | 89  | .3  | 9.4  | 17.6 | 1122 | 3.20 | 1.7  | .4  | <.5  | 2.1 | 116 | .2  | .3  | .1  | 94  | 1.15 | .083 | 8   | 12.9  | 1.09 | 170 | .141 | 4   | 1.64 | .011 | .42 | .1  | .04  | 5.0 | .1  | <.05 | 6   | .5  |
| 63N 48E       | 1.2  | 132.8 | 3.7  | 95  | <.1 | 10.5 | 18.1 | 1402 | 3.49 | 1.3  | .6  | .6   | 2.2 | 94  | .2  | .2  | .1  | 107 | 1.15 | .068 | 11  | 11.8  | 1.02 | 195 | .170 | 3   | 2.07 | .012 | .34 | .2  | .01  | 5.9 | .1  | <.05 | 7   | <.5 |
| 63N 48+50E    | .5   | 192.0 | 3.6  | 77  | <.1 | 14.2 | 24.4 | 1116 | 4.45 | 1.2  | .4  | 6.0  | 1.5 | 134 | .1  | .4  | .1  | 142 | 1.24 | .070 | 7   | 15.0  | 1.73 | 102 | .247 | 3   | 2.16 | .009 | .44 | .2  | .02  | 7.8 | <.1 | <.05 | 7   | <.5 |
| 63N 49E       | .7   | 153.6 | 4.3  | 63  | <.1 | 11.5 | 18.8 | 873  | 3.58 | 1.4  | .6  | 1.4  | 2.3 | 126 | .1  | .3  | .1  | 111 | .82  | .048 | 8   | 10.7  | 1.14 | 96  | .189 | 5   | 1.64 | .008 | .28 | .1  | .01  | 5.2 | .1  | <.05 | 6   | <.5 |
| 63+00N 49+50E | .6   | 28.0  | 6.6  | 57  | <.1 | 6.4  | 5.9  | 584  | 1.67 | 1.4  | .9  | 2.5  | 3.9 | 33  | .2  | .1  | .1  | 38  | .39  | .046 | 14  | 12.0  | .23  | 128 | .052 | 2   | 1.04 | .010 | .21 | .1  | .01  | 2.3 | .1  | <.05 | 4   | <.5 |
| STANDARD DS6  | 11.5 | 122.0 | 28.6 | 146 | .4  | 24.5 | 10.4 | 732  | 2.86 | 21.0 | 6.6 | 48.6 | 3.1 | 38  | 6.2 | 3.7 | 5.0 | 55  | 82   | .075 | 14  | 185.0 | .59  | 165 | .077 | 16  | 1.81 | .069 | .15 | 3.5 | .24  | 3.2 | 1.8 | <.05 | 6   | 4.4 |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

022



GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A402030  
907 - 7272 Kingsway, Burnaby BC V5E 1G4

| SAMPLE#       | Mo   | Cu    | Pb   | Zn  | Ag  | Ni   | Co   | Mn   | Fe   | As   | U   | Au    | Th  | Sr  | Cd  | Sb  | Bi  | V   | Ca    | P    | La  | Cr    | Mg   | Ba  | Ti   | B   | Al   | Na   | K   | W   | Hg  | Sc   | Tl  | S    | Ga  | Se  |
|---------------|------|-------|------|-----|-----|------|------|------|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-------|------|-----|-------|------|-----|------|-----|------|------|-----|-----|-----|------|-----|------|-----|-----|
|               | ppm  | ppm   | ppm  | ppm | ppm | ppm  | ppm  | ppm  | %    | ppm  | ppm | ppb   | ppm | ppm | ppm | ppm | ppm | ppm | %     | %    | ppm | ppm   | %    | ppm | %    | ppm | %    | %    | ppm | ppm | ppm | ppm  | %   | ppm  | ppm |     |
| LAKE 4+00N    | .5   | 49.0  | 3.7  | 33  | .1  | 6.8  | 3.5  | 228  | .74  | .8   | 1.0 | 2.0   | .5  | 359 | .3  | .1  | .3  | 17  | 10.12 | .109 | 6   | 7.4   | .47  | 173 | .031 | 6   | .82  | .032 | .16 | .1  | .03 | 1.3  | .1  | .15  | 2   | .9  |
| LAKE 3+50N    | .1   | 30.8  | 4.2  | 33  | .1  | 4.0  | 4.0  | 184  | .93  | 1.0  | .5  | 2.5   | 1.1 | 52  | .1  | .1  | .2  | 18  | .91   | .055 | 7   | 6.8   | .19  | 100 | .036 | 3   | .84  | .013 | .14 | .2  | .01 | 1.2  | <.1 | .10  | 2   | <.5 |
| LAKE 3+00N    | .6   | 23.3  | 5.0  | 45  | .1  | 5.2  | 4.4  | 482  | 1.27 | 1.7  | .4  | .6    | .8  | 41  | .1  | .1  | .1  | 27  | .48   | .070 | 9   | 10.0  | .16  | 153 | .038 | <.1 | .86  | .012 | .13 | .1  | .02 | 1.3  | <.1 | <.05 | 3   | <.5 |
| LAKE 2+50N    | .6   | 25.3  | 4.5  | 53  | .1  | 5.6  | 4.7  | 359  | 1.27 | 1.3  | .4  | 3.0   | 1.4 | 35  | .2  | .1  | .1  | 26  | .57   | .064 | 8   | 10.9  | .21  | 122 | .052 | 5   | .97  | .013 | .19 | .1  | .02 | 1.8  | .1  | .09  | 2   | <.5 |
| LAKE 2+00N    | 1.2  | 36.6  | 5.7  | 58  | .1  | 7.2  | 6.3  | 831  | 1.69 | 2.6  | .5  | 2.6   | .9  | 42  | .3  | .1  | .1  | 41  | .66   | .105 | 8   | 13.2  | .23  | 191 | .058 | 5   | 1.10 | .012 | .16 | .2  | .03 | 2.0  | .1  | .07  | 4   | <.5 |
| LAKE 1+50N    | .7   | 27.5  | 5.7  | 56  | .1  | 6.1  | 5.4  | 630  | 1.62 | 1.8  | .5  | .7    | 1.1 | 42  | .3  | .1  | .1  | 40  | .63   | .105 | 8   | 11.6  | .20  | 157 | .054 | 5   | 1.13 | .013 | .13 | .1  | .01 | 2.0  | .1  | .07  | 3   | <.5 |
| LAKE 1+00N    | 1.0  | 26.4  | 6.7  | 92  | .1  | 6.4  | 5.5  | 685  | 1.57 | 2.1  | .4  | 1.4   | .8  | 41  | .4  | .1  | .1  | 37  | .59   | .117 | 8   | 11.1  | .23  | 193 | .057 | 3   | 1.22 | .013 | .13 | .1  | .02 | 1.9  | <.1 | .06  | 4   | <.5 |
| LAKE 0+50N    | .8   | 35.6  | 6.4  | 64  | .1  | 6.7  | 6.1  | 660  | 1.62 | 2.1  | .5  | 2.1   | .8  | 41  | .3  | .1  | .1  | 41  | .59   | .115 | 8   | 12.9  | .25  | 142 | .054 | 1   | 1.05 | .011 | .15 | .1  | .02 | 1.9  | .1  | <.05 | 3   | <.5 |
| LAKE 0+00N    | .5   | 29.9  | 5.9  | 55  | .1  | 6.3  | 6.3  | 609  | 1.74 | 2.1  | .6  | 2.1   | 1.3 | 39  | .3  | .1  | .1  | 41  | .51   | .102 | 9   | 14.1  | .21  | 153 | .057 | 2   | 1.18 | .010 | .14 | .1  | .01 | 2.2  | <.1 | <.05 | 3   | <.5 |
| SO #1W        | 1.0  | 16.8  | 6.1  | 59  | .1  | 5.9  | 5.4  | 648  | 1.66 | 1.8  | .8  | 1.6   | 3.0 | 39  | .1  | .1  | .1  | 38  | .33   | .038 | 13  | 9.5   | .19  | 146 | .062 | <.1 | 1.12 | .013 | .17 | .1  | .01 | 2.5  | .1  | <.05 | 4   | <.5 |
| SO #2W        | .4   | 13.4  | 6.2  | 68  | .1  | 5.6  | 5.0  | 813  | 1.55 | 1.6  | .8  | 1.0   | 3.1 | 39  | .1  | .1  | .1  | 34  | .46   | .035 | 13  | 8.7   | .19  | 147 | .064 | 3   | 1.20 | .012 | .22 | <.1 | .01 | 2.4  | .1  | <.05 | 4   | <.5 |
| AL 0+300N     | 1.5  | 112.8 | 8.3  | 82  | .1  | 4.7  | 7.7  | 1008 | 1.98 | 2.1  | .4  | 3.3   | 1.1 | 70  | .6  | .1  | .2  | 36  | 1.18  | .093 | 12  | 7.2   | .32  | 306 | .039 | 13  | 1.49 | .015 | .32 | .1  | .03 | 3.1  | .1  | .07  | 4   | .5  |
| AL 0+250N     | 1.2  | 98.5  | 11.3 | 67  | .1  | 6.6  | 11.4 | 1112 | 2.81 | 3.9  | .4  | 7.0   | 1.1 | 54  | .5  | .1  | .2  | 54  | .91   | .091 | 12  | 8.0   | .38  | 340 | .040 | 3   | 1.79 | .020 | .28 | .1  | .02 | 4.0  | .1  | .12  | 5   | .5  |
| AL 0+200N     | .7   | 73.2  | 6.4  | 58  | .1  | 4.2  | 7.5  | 963  | 2.40 | 3.1  | .1  | 3.0   | .4  | 62  | .3  | .2  | .2  | 51  | 1.30  | .127 | 8   | 6.2   | .30  | 341 | .037 | 7   | 1.09 | .020 | .16 | .1  | .03 | 3.8  | <.1 | .08  | 4   | <.5 |
| AL 0+150N     | 1.0  | 278.0 | 6.8  | 83  | .1  | 11.7 | 19.4 | 1164 | 4.44 | 5.7  | .3  | 18.1  | 1.1 | 46  | .3  | .2  | .2  | 104 | .93   | .090 | 13  | 17.1  | .58  | 183 | .034 | 7   | 1.91 | .017 | .29 | .1  | .03 | 8.2  | <.1 | .07  | 6   | <.5 |
| RE AL 0+150N  | 1.2  | 272.3 | 6.7  | 80  | .1  | 11.6 | 19.6 | 1204 | 4.59 | 5.4  | .3  | 16.9  | 1.1 | 47  | .2  | .2  | .2  | 102 | .92   | .089 | 13  | 17.5  | .57  | 181 | .034 | 5   | 1.95 | .016 | .26 | .1  | .03 | 7.4  | <.1 | <.05 | 6   | .5  |
| AL 0+100N     | 1.3  | 376.1 | 11.2 | 71  | .2  | 15.8 | 21.9 | 1611 | 5.51 | 12.6 | .4  | 119.5 | 1.9 | 57  | .4  | .4  | .2  | 157 | 1.05  | .135 | 16  | 29.8  | 1.14 | 151 | .031 | 13  | 2.05 | .011 | .23 | .1  | .03 | 10.5 | <.1 | <.05 | 8   | <.5 |
| AL 0+50N      | .9   | 137.3 | 5.2  | 41  | .1  | 10.2 | 10.8 | 756  | 2.92 | 5.5  | .3  | 3.8   | 1.1 | 35  | .1  | .1  | .1  | 69  | .58   | .068 | 13  | 13.0  | .38  | 178 | .037 | 6   | 1.53 | .020 | .21 | <.1 | .02 | 5.4  | <.1 | <.05 | 5   | <.5 |
| AL 0+0N       | 1.5  | 290.1 | 6.1  | 58  | .2  | 12.6 | 47.9 | 1400 | 6.34 | 25.2 | .3  | 6.5   | 1.6 | 45  | .5  | .6  | .5  | 171 | .80   | .078 | 16  | 24.1  | .99  | 272 | .026 | 9   | 2.68 | .013 | .30 | <.1 | .01 | 16.3 | .1  | <.05 | 9   | .9  |
| 35+25E 34+50N | 1.0  | 84.8  | 6.8  | 76  | .1  | 10.8 | 13.1 | 980  | 3.31 | 4.5  | .4  | 39.8  | 1.4 | 44  | .3  | .2  | .2  | 78  | .65   | .099 | 10  | 17.2  | .43  | 217 | .051 | 8   | 2.11 | .015 | .49 | .1  | .02 | 6.3  | .1  | .10  | 6   | <.5 |
| 35+25E 34+00N | .8   | 301.8 | 9.6  | 120 | .2  | 28.0 | 43.3 | 2066 | 8.72 | 5.5  | .3  | 10.7  | 1.1 | 94  | .3  | .5  | .2  | 193 | .97   | .143 | 7   | 42.2  | 1.08 | 251 | .072 | 5   | 2.33 | .015 | .36 | .1  | .02 | 18.1 | .1  | <.05 | 7   | <.5 |
| 35+25E 33+50N | .6   | 231.4 | 7.3  | 112 | .2  | 19.0 | 33.0 | 1883 | 8.12 | 4.2  | .2  | 15.6  | 1.0 | 71  | .2  | .4  | .1  | 192 | .93   | .134 | 6   | 24.2  | 1.00 | 186 | .046 | 9   | 1.71 | .010 | .31 | <.1 | .02 | 18.1 | .1  | <.05 | 7   | <.5 |
| 35+50E 33+50N | .9   | 216.4 | 8.5  | 114 | .2  | 17.6 | 29.8 | 1784 | 6.77 | 7.8  | .2  | 39.9  | 1.2 | 57  | .3  | .5  | .2  | 159 | 1.09  | .145 | 8   | 20.5  | .90  | 172 | .024 | 7   | 1.69 | .009 | .34 | <.1 | .03 | 15.3 | .1  | <.05 | 6   | .5  |
| 36E 34+50N    | .9   | 75.6  | 5.6  | 88  | .1  | 12.4 | 14.5 | 1019 | 3.21 | 6.1  | .6  | 14.5  | .8  | 56  | .3  | .2  | .2  | 69  | .89   | .115 | 9   | 18.2  | .44  | 225 | .055 | 9   | 1.94 | .015 | .27 | <.1 | .02 | 6.2  | .1  | .06  | 6   | <.5 |
| 36E 34N       | .9   | 171.5 | 8.7  | 98  | .3  | 14.6 | 21.1 | 1309 | 4.69 | 7.3  | .3  | 293.3 | 1.3 | 62  | .4  | .4  | .2  | 111 | .88   | .126 | 8   | 28.5  | .64  | 219 | .034 | 7   | 1.49 | .012 | .37 | .1  | .03 | 9.5  | .1  | <.05 | 6   | <.5 |
| 36E 33+50N    | 1.0  | 213.8 | 7.6  | 108 | .3  | 26.9 | 28.8 | 1399 | 6.05 | 5.3  | .3  | 19.1  | 1.3 | 57  | .2  | .3  | .1  | 146 | .77   | .123 | 6   | 76.1  | .92  | 179 | .072 | 4   | 2.00 | .011 | .40 | .1  | .03 | 16.5 | .1  | <.05 | 7   | <.5 |
| STANDARD DS5  | 12.5 | 144.2 | 24.1 | 138 | .3  | 24.4 | 12.3 | 781  | 3.04 | 19.3 | 5.8 | 41.0  | 2.6 | 46  | 5.7 | 4.0 | 6.1 | 57  | .74   | .103 | 11  | 182.4 | .68  | 138 | .095 | 16  | 2.06 | .035 | .13 | 5.1 | .16 | 3.5  | 1.0 | <.05 | 7   | 5.1 |

Mozon

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

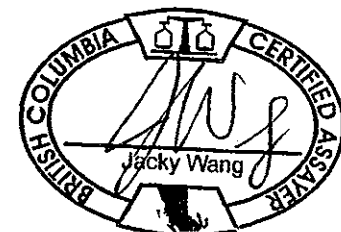
SOILS

Data FA

DATE RECEIVED: MAY 12 2004

DATE REPORT MAILED: ..

*May 21 / 2004*



p23

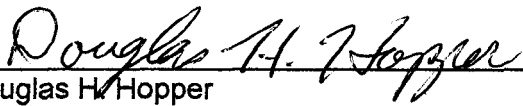
**STATEMENT OF QUALIFICATIONS**

**DOUGLAS H. HOPPER**

I attended Haileybury School of Mining during the years 1962 to 1966 studying Mining Technology.

Since the year 1964, I have worked with Hudson Bay Exploration, Kennecot Exploration, Sumitome Exploration, and a number of other exploration companies as a field geologist, Diamond Drill supervisor and other related duties concerning mining.

February 15, 2006

  
\_\_\_\_\_  
Douglas H. Hopper



**ACME ANALYTICAL LABORATORIES LTD.**

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**METHOD FOR WET GEOCHEM GOLD ANALYSIS**

**Sample Preparation**

Soils and sediments are dried(60 deg. C) and sieve to -80 mesh.

Rocks and cores are crushed and pulverized to -100 mesh.

**Sample digestion**

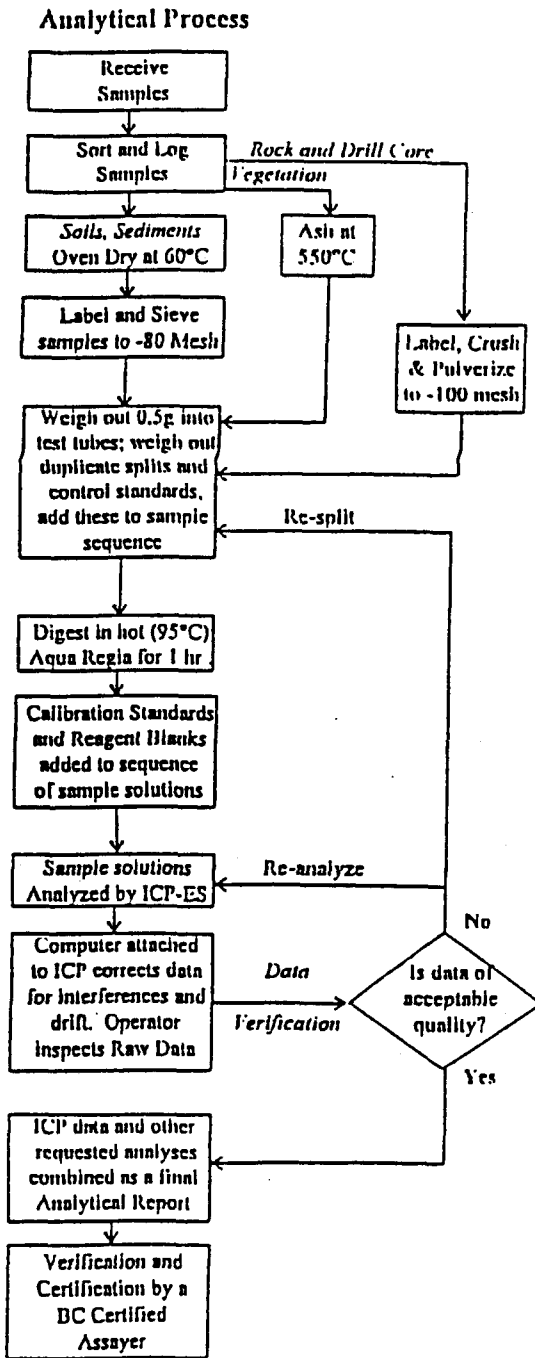
10g samples, ignite at 600 deg. C for four hours, digest with 3:1:2 mixture HCL:HNO<sub>3</sub>:H<sub>2</sub>O in hot water bath for one hour. 50ml digested solution is extracted into 10 ml MIBK (methyl-isobutyl ketone). The organic fraction is then analyzed for gold using Varian graphite furnace AA ( Spectr 10 plus). Detection for gold is 1 ppb.





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METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE  
 GROUP 1D - 30 ELEMENT ICP BY AQUA REGIA



**Comments**

**Sample Preparation**

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients request, moss mats can be ashed at 550°C then sieved to -80 mesh although this can result in the potential loss by volatilization of Hg, As, Sb, Bi and Cr. A 0.5 g split from each sample is placed in a test tube. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard is added to each batch of samples to monitor accuracy.

**Sample Digestion**

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO<sub>3</sub>, and demineralized H<sub>2</sub>O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C).

**Sample Analysis**

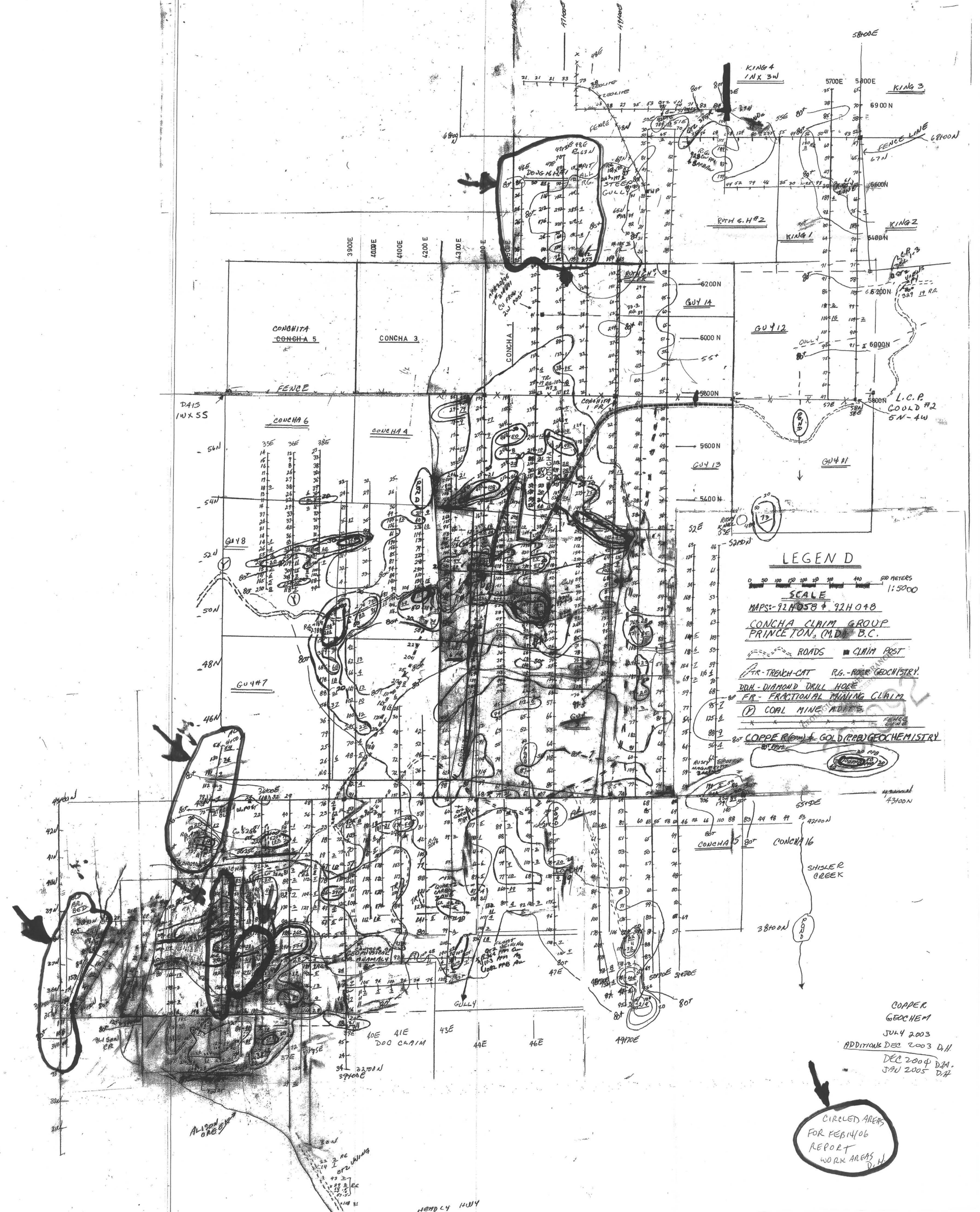
Sample solutions are aspirated into and ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the determination of 30 elements comprising: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

**Data Evaluation**

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

|                        |                         |                        |
|------------------------|-------------------------|------------------------|
| Document: ICP30M&S.doc | Date: November 15, 1995 | Prepared By: J. Gravel |
|------------------------|-------------------------|------------------------|





**LEGEND**

0 50 100 150 200 250 300 400 500 METERS  
 SCALE 1:5000

MAPS: 92H058 + 92H048

CONCHA CLAIM GROUP  
 PRINCETON, M.D., B.C.

ROADS CLAIM POST

TR-TRENCH-CAT R.G.-ROCK GEOCHEMISTRY

DDH-DIAMOND DRILL HOLE

FR-FRACTIONAL MINING CLAIM

(P) COAL MINE ADIT

80' COPPER (PPB) & GOLD (PPB) GEOCHEMISTRY

COPPER  
 GEOCHEM  
 JULY 2003  
 ADDITIONS DEC 2003 D.H.  
 DEC 2004 D.H.  
 JAN 2005 D.H.

CIRCLED AREAS  
 FOR FEB 14/06  
 REPORT  
 WORK AREAS  
 D.H.

ALISON ORE

HEADLY HWY