# VALLEY, RAINBOW & WONDER CLAIMS

GEOLOGY/ GEOCHEMICAL 1989

WELLS, B.C.

NTS: 93 H/4

CARIBOO MINING DIVISION



Latitude: 53°07'
Longitude: 121°32'

Operator:
T.L.Donnon
P.O.Box 43
Skookumchuck, B.C. V0B 2E0

Owner:
M.V.Heinzelman
P.O.Box 4161
Quesnsl, B.C. V2J 3J2

October,1989

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## SUMMARY

The Valley I-III, Rainbow 1-2 & Wonder 1-6 claims are located approximately two kilometers east of Wells in central British Columbia. Extensive work, in the late 1930's, was successful in locating gold-bearing quartz veins. However, until only recently exploration development has been restricted to physical work such as road construction.

The claims are underlain by Precambrian sericite schists and moderately dolomitized limestone. Prospecting located four areas of pyrite-quartz veining in bedrock or subcrop which are associated with gold mineralization. The 1989 work concentrated on geological mapping and intensive soil sampling of the original claims held by the owner.

Geochemical sampling totalling 237 soils, and four rocks, was completed within the first three weeks. Geological mapping revealed sparse outcrop exposure expect along roadcuts, old workings, or the Mailleue creek. The bedrock consists of predominantly sericite schists with slight variations as a result of mineral compostion. The thick dolomitic limestone beds help distinguish between the Pleasant Valley and Barkerville Formations which trend northwesterly along Valley Mountian.

Geological setting and abundant pyrite-quartz veins on the property are typical of gold-bearing epithermal vein deposits such as Cariboo Gold Quartz, Island Mountian, and Mosquito Creek. All situated in the immediate vicinity of Wells. Analyses from the samples taken this year should confirm the presence of any gold on the claims. Anomalous areas may have to be further explored by trenching or diamond drilling.

# 1 INTRODUCTION

## 1.1 General

From September 18th to October 19th, 1989, a program of geological mapping and geochemical sampling was completed almost exclusive on the Wonder 1-6 & Rainbow 1-2 claims. Soil samples were collected at specific grid intervals established on the property to allow optimum coverage. The rock samples were collected from sulphide-rich quartz veins, which appear to be scattered across the claims.

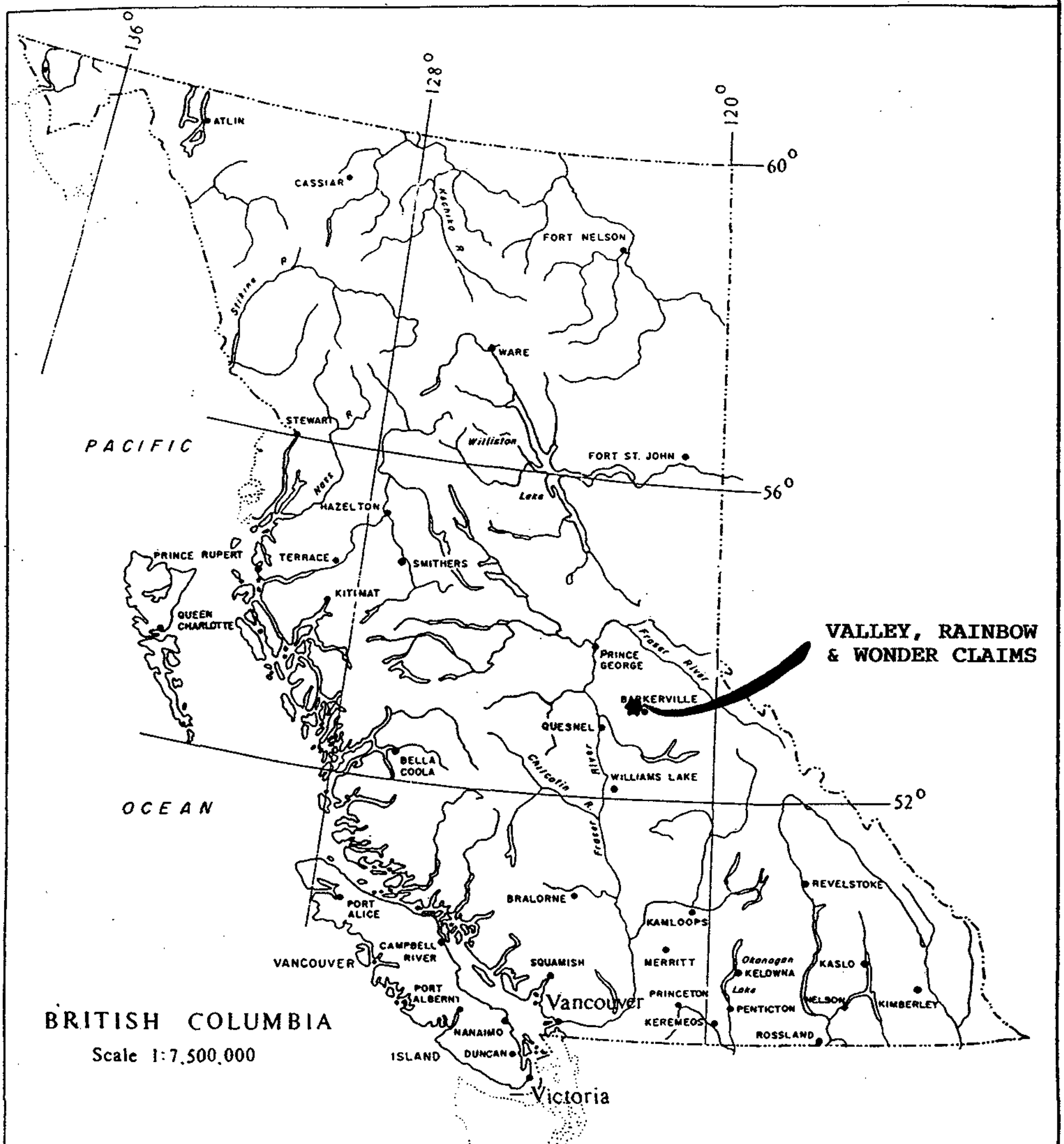
This report will describe the work completed and discuss the potential for further development based on the results that maybe obtained from the analyses of the samples.

## 1.2 Location, Access and Physiography

The claims are situated in central British Columbia, two kilometers east of Wells, on map sheet NTS 93H/4 (Figure. 1).

Road access is available right to the claims. The paved road ends at the junction, just two kilometers east of the town of Wells, where the well gravelled Downery Creek road begins. Travelling north, approximately 200 metres, is a four-wheel drive access road previously constructed by the owner. This road weaves steeply up the northwest side of Valley Mountain to the entrance of an adit tunnelled back in the late 1930's.

Topography is generally steep and slopes towards the west to southwest. Elevations vary from 4,000 fasl, on the southwest side of the claims, to 5,000 fasl on the north-eastside. Vegetation is dominantly lodgepole pine with marshy areas down along the creek valleys.




**Owner:** Mark V. Heinzelman

Valley, Rainbow & Wonder Claims

**LOCATION MAP**

| **Date** | **Drawn by** | **Dwg.** |
|---|---|---|
| Oct./ 1989 | T.L. Donnon | Figure.1 |

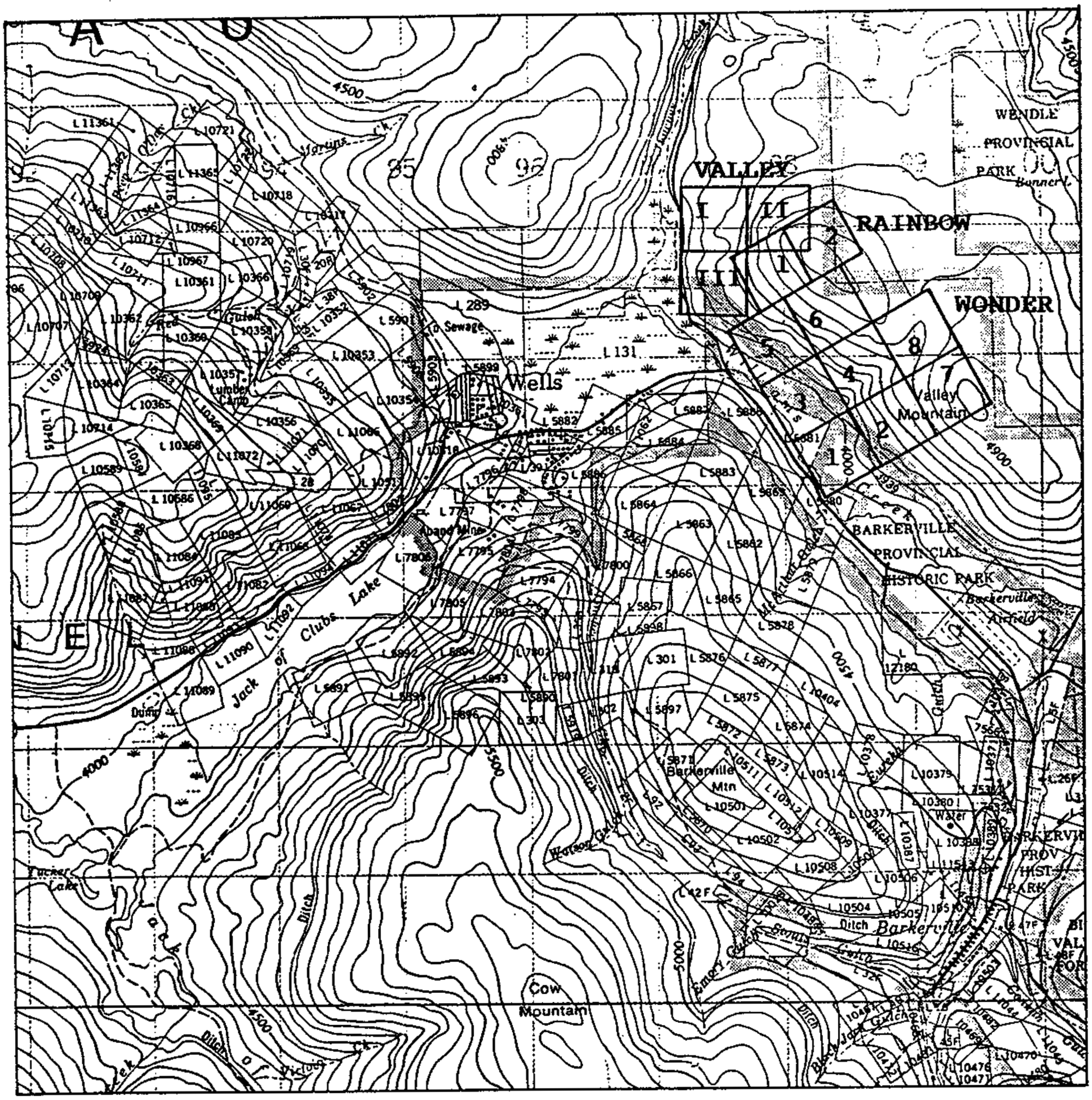
## 1.3 Claim Status

The property originally consisted of eight contiguous 2-post claims. Surrounding area was found to be available for mineral staking, and another five 2-post mineral claims were located (Figure.2). All of the claims are situated within the Cariboo Mining Division as described below:

| Claim | Record Nos. | Recorded | Expiry |
|---|---|---|---|
| Wonder 1 | 15522 M | Sept.21/1937 | 1990 |
| Wonder 2 | 17362 H | July 24/1945 | 1990 |
| Wonder 3 | 17365 H | July 24/1945 | 1990 |
| Wonder 4 | 17363 H | July 24/1945 | 1990 |
| Wonder 5 | 17364 H | July 24/1945 | 1990 |
| Wonder 6 | 15524 M | Sept.21/1937 | 1990 |
| Rainbow 1 | 16749 G | June 10/1941 | 1990 |
| Rainbow 1 | 16750 G | June 10/1941 | 1990 |
| New Claim | | | |
| Valley I | 10043 | Sept.18/1989 | 1990 |
| Valley II | 10044 | Sept.18/1989 | 1990 |
| Valley III | 10045 | Sept.18/1989 | 1990 |
| Wonder 7 | 10136 | Oct.11/1989 | 1990 |
| Wonder 8 | 10137 | Oct.11/1989 | 1990 |

## 1.4 History

Several mineral exploration ventures have been and are currently being conducted in the area. The Wells-Barkerville area has been populated by prospectors since the Cariboo Gold rush began in the 1850's. Although this district is dominantly know for the millions of dollars worth of placer gold extracted from the surrounding sediments. Gold-bearing quartz veins and gold-bearing pyritic replacements in limestone have been mined successfully since the early 1930's. The gold-bearing veins can vary in thickness from millimeters to two metres, but rarely exceed 100 metres in




| | | |
|---|---|---|
| **Owner:** Mark V. Heinzelman | | |
| Valley, Rainbow & Wonder Claims | | |
| **CLAIM MAP** | | |
| **Date** Oct./ 1989 | **Drawn by** T.L. Donnon | **Dwg.** Figure.2 |

length. The gold is found to be associated with the pyrite, which in some veins located on the Rainbow 1 & 2 claims is massive and abundant. Although the best known veins have been associated with the upper lithology of the Richfield Formation, other deposits with anomalous gold values throughout the Cariboo Series exist.

In 1937, the originally owner of the property tunnelled out a drift and crosscut which followed gold-bearing veins for a distance of 120 feet. The width of these pyritic-quartz veins varied from 50 to 150 centimeters. Rock samples were analysed by Coast Eldridge Engineers & Chemists Ltd. of Vancouver. The best results were obtained from those samples collected from the quartz veins, with or without visible sulphides present. Several old hand trenches, typically exposing bedrock, can still be found scattered around the claims. Along the Mailleue creek are the remains of equipment used to take out the placer gold. However, since then very little geological work has been performed on the property.

Surrounding mineral claims to the north have completed intensives geological, geochemical and geophysical studies. Diamond drilling was conducted to follow up I.P. anomalies along fault zones near Eight Mile lake. However, poor results from core sample analyses have halted any further development of the predominantly northeasterly trending structures. Towards the south and west are old but successful gold producing mines like the Island Mountain and Cariboo Gold Quartz Mines. Today, the Mosquito Creek Gold Mine, situated just west of the town of Wells, is the most productively active mine in the area.

# 2 GEOCHEMICAL

## 2.1 General

Beginning from the established baseline between the initial and final posts of the 2-post claims Rainbow 1-2 & Wonder 1-6. A total of 237 soil samples were collected at either 50 or 100 metre intervals along a grid system striking 060° (ie. perpendicular) from the baseline. These soil lines were set apart by a distance of 75 metres, and sampling was staggered by 50 metres from adjacent lines to allow for optimum coverage. Generally, the soil samples consisted of yellowish to orangeish brown coloured, "B" horizon silt with small rock fragments of schist and occasionally quartz. Several "C" horizon samples were also collected, but these were typically restricted to areas where soil overburden was thin near the mountain ridge top. Soil coverage on the property is fairly thin and bedrock is usually no more than 30-50 centimeters below ground surface.

Of the four rock samples, only the one collected down along the Downery Creek road was from actual outcrop exposure. The other three were grab samples of mineralized quartz vein. Two collected from the dump located at the entrance of the old adit. One from boulder size fragments of vein rock lying near a hole where part of the tunnel had collapsed in from above. All four samples consist of moderately limonitic, well fractured, milky white quartz with 5-25 % fine to coarsely crystalline pyrite. No other sulphide or visible gold appears to exist on examination of hand samples.

All geological information and geochemical sampling was completed by geologist Tyrone Donnon. Sample locations are shown on the accompanying map (Figure.3).

# 3 GEOLOGY

## 3.1 Regional Geology

The Wonder, Valley, & Rainbow claims are located on the upper half of the Cariboo Series of metamorphosed Precambrian sediments ( BG.T. map 336A, 1938). This northeastern limb, of a larger broad northwesterly plunging anticline, separates the series into distinctive formations. The claims are centred over the contact between the younger Pleasant Valley Formation to the northeast, and the older Barkerville Formation to the Southwest.The Cariboo series has at least three different periods of quartz fracture filling, most of which strike east, northeast, and northwest. The best known gold-bearing quartz veins in the area are found to be steeply dipping, strike northeast, and intersect the lithology at right angles.

## 3.2 Local Geology

Outcrop exposure is basically restricted to showings along roadcuts, the Mailleue creek and previously dug trenches. However, near the northwesterly trending ridge top, the bedrock is never very far from the surface. Therefore, the lithology was noted based on the rock fragments found during soil sampling.

### 3.2.1 Lithology

Geological interpretation and outcrop distribution are illustrated in figure three. Two dominant lithologies exist on the property; including slight variations as a result of metamorphism and/or mineralogy. On the southwest side of the contact, between the Pleasant Valley Formation and Barkerville Formation, are interbedded limestones and sercite schists. The schists can vary in colour from a greenish, grey chlorite-sericite schist to a bluish, grey graphitic-sericite schist. Regardless of mineral composition, all schist outcrop exposures on the property have three things in common; (1) strongly foliated along bedding (cleaving easily into thin flat sheets), (2) brilliant sheen along cleavage planes, (3) lack of characteristic wavy foliation typically associated with schists.

The white and grey banded limestone beds conform with the surrounding schists. Two predominant beds are well exposed along the Downery Creek road. One bed was calculated to be approximately 15 metres wide, the other could only be estimated at 50 metres because of obscurities. The rock appears to be moderately dolomitized and has the sugary texture on fresh surfaces.

On the northeast side of the contact lies the light tan to grey coloured, sericite schists of the Pleasant Valley Formation. Very similair in appearance to the other schists mentioned above, but mineralogical a sericite schist.

### 3.2.2 Structure

The stratigraphy lies on the northeastern limb of a broader northwesterly plunging anticline centered near Barkerville. Dip measurements from across the property show an increase in bedding steepness from 30° at the most southwesterly located outcrop, to 80° near the entrance of the adit. Strike attitudes also seem to change gradually from 100° along the Downery Creek roadside rock exposures, to 135° on the Mailleue Creek outcrops. Three independent sets of quartz veins (fracture filling) exist on the property. The most common set trending along foliation and between the contacts separating the limestone and schist lithologies. The gold-bearing veins found within the adit are also believed to trend with or close to the bedding planes.

### 3.2.3 Mineralization and Alteration

Economically viable gold values, from rock samples collected within the adit, are associated with the milky white pyrite-quartz veins. Most of the quartz veining found scattered across the property is typically barren of any visible mineralization. However, two pyritic quartz veins were located in outcrop along the Downery Creek road, while several quartz boulders with disseminated pyrite were found throughout the Mailleue creek. The pyrite occurs as fine to coarsely crystalline disseminations and/or blebs. Some rock fragments, collected from near the adit, appear as coarsely-grained massive concentrations.

The surroundind host rock, in the immediate area of quartz veining, shows no apparent alteration or mineralization.

## INTERPRETATION OF RESULTS

The gold and silver concentrations in soils across much of the property were measured at 237 sites, spaced 50 meters apart on lines striking 60° and separated by 75 meters. This exploration exercise covers an area of 1.75Km$^2$ along the moderately steep slope of Williams Creek Valley.

The overburden along the slopes of this valley consists of a thin blanket of glacial sediments normally less that 1 meter thick at higher elevations. The lower portions of the valley contains greater unknown thicknesses of recent (<12,000 years before present) colluvium and alluvial ? sediments.

The 3 Zones containing anomalous gold values, described below, probably derived from mineralized sections of local bedrock. The erosion and subsequent dispersion of gold from mineralized bedrock along this slope would expect to form either both or one of the following patterns; 1) a down-slope pattern due to syngenetic (Clastic) colluvium and or alluvial dispersion or due to hydromorphic dispersion of mobile gold found in groundwater solutions. 2) a down-valley dispersion (northwesterly) which parallels the late Wisennsin Ice Flow direction and resultant direction of transported subglacial sediments. Apetrographic analyses of anomalous samples could delineate whether the gold was transported be a clastic or hydromorphic mode.

The regional threshold value of gold in soils is 2 ppb although the local threshold value at each of the following anomalous zones is closer to 10 ppb. Each zone consists of an area enclosed by the following samples and corresponding values; Zone 1) Samples 132, 141, and 142 with values of 15, 280, and 10 ppb.Au. Zone 2) Samples 73, 74 with values of 39 and 15ppb. Au. Zone 3) Sample 38 with a value of 56 ppb. Au. Silver values do not seem to form similar relationships with zones of anomalous gold values.

# CONCLUSIONS AND RECOMMENDATIONS

The Geochemical Soil Survey performed on the property has identified 3 Zones of anomalous gold values. The dispersion of gold values within the soils have been discussed in the previous section. Teh dispersion of gold from eroded mineralized bedrock will trend either or both down-slope and down-valley. To grasp a better understanding of these dispersion patterns in each zone, futher sampling and trenching is redommended for the next stage of exploration. Additional samples should be collected at 10 meter increments along each line within each of the 3 zones. Additional lines spaced 25 meters apart should also be sampled with similar increments in each zone. Approximately a total of 70 samples should be sufficient.

A trenching program could be initiated after this second stage of Geochemical analyses. The positioning of each trench is important as far as regarding the dispersion of gold which was discussed earlier. Another recomendation is to reopen the 1937 adit and retrace the possible extensons of the auriferous vein.

Since each anomalous zone is separated by a relatively large distance, it appears that the gold mineralization in the area is independent of each zone. In other words gold values have derived from independant veins or pod-like structures of massive sulfides which are common in some rocks of the Downey Creek Succession. Since there are no corresponding anomalouw arsenic and base metal values in each anomalous gold zone it is improbable the the gold values derived from related massive sulfides.

4 REFERENCES

Hanson, G.; 1933-34: Bureau of Geology and Topography Map 336A- Willow river sheet (E) Cariboo District, B.C.

Heinzelman, M.V. : Material and documents pertaining to the history and development of the Wonder 1-6 & Rainbow 1-2 claims.

T.L. Donnom

5 STATEMENT OF QUALIFICATIONS

1 I am a geologist, using mailing address;

P.O.Box 43
Skookumchuck, B.C. V0B 2E0

2 I am a graduate of the University of British Columbia, with a B.Sc. (Geological Sciences) in 1987.

3 I have praticed my profession with Riocanex, Lac Minerals, Hudson Bay Exploration and Development, Mingold Resourses, and Noranda Exploration during and since graduation.

4 I personally supervised the exploration program conducted on the Valley, Rainbow & Wonder claims from September 18th to October 19th, 1989.

# VALLEY, RAINBOW & WONDER CLAIMS: 1989 COST STATEMENT

## GEOLOGY/ GEOCHEMICAL

| | |
|---|---|
| Salary: | |
| From September 18th- October 19th, 1989; 32 days | $ 2,189.00 |
| Travel: | |
| Truck Rental, Gas & Miscellaneous | $ 1,986.00 |
| Food/ Accommodation: | $ 1,250.00 |
| Equipment/ Supplies: | $ 325.00 |
| Drafting/ Copying: | $ 250.00 |
| | $ 6,000.00 |
| #2 Man/ Sept.18&19, Nov.14&15; 4 Days @$80.00 per day | $ 320.00 |
| Gas & Miscellaneous | $ 125.00 |
| Total Costs | $ 6,445.00 |
| ACME Analytical Laboratories LTD. - Geochemical Analysis | $ 2,081.20 |
| Total Costs | $ 8,526.20 |

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P7 SOIL P8 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: DEC 8 1989 DATE REPORT MAILED: Dec 13/89 SIGNED BY.......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

## MARK HEINZELMAN File # 89-5024 Page 1

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 1 | 12 | 15 | 61 | .1 | 21 | 7 | 139 | 3.69 | 7 | 5 | ND | 2 | 9 | 1 | 2 | 6 | 43 | .19 | .051 | 21 | 34 | .38 | 85 | .06 | 2 | 1.38 | .01 | .03 | 2 | 4 |
| 002 | 1 | 15 | 13 | 64 | .3 | 25 | 9 | 148 | 4.41 | 6 | 5 | ND | 3 | 10 | 1 | 3 | 2 | 51 | .24 | .046 | 20 | 41 | .47 | 96 | .07 | 3 | 1.56 | .01 | .02 | 2 | 1 |
| 003 | 1 | 19 | 8 | 65 | .1 | 19 | 10 | 335 | 3.99 | 18 | 5 | ND | 5 | 5 | 1 | 2 | 2 | 14 | .03 | .062 | 41 | 10 | .07 | 56 | .01 | 4 | .60 | .01 | .03 | 2 | 8 |
| 004 | 1 | 32 | 8 | 76 | .1 | 29 | 16 | 569 | 4.22 | 17 | 5 | ND | 4 | 10 | 1 | 2 | 5 | 13 | .13 | .040 | 33 | 9 | .11 | 82 | .01 | 3 | .58 | .01 | .04 | 1 | 2 |
| 005 | 1 | 62 | 15 | 96 | .4 | 57 | 24 | 1436 | 6.58 | 26 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 39 | .40 | .098 | 16 | 59 | .44 | 61 | .01 | 4 | 1.67 | .01 | .03 | 1 | 4 |
| 006 | 1 | 45 | 6 | 95 | .3 | 25 | 15 | 399 | 5.89 | 13 | 5 | ND | 4 | 8 | 1 | 2 | 2 | 37 | .09 | .096 | 31 | 21 | .42 | 81 | .01 | 2 | 1.56 | .01 | .03 | 1 | 2 |
| 007 | 1 | 11 | 14 | 40 | .5 | 11 | 6 | 88 | 3.25 | 8 | 5 | ND | 2 | 4 | 1 | 2 | 2 | 24 | .03 | .124 | 33 | 19 | .22 | 41 | .01 | 4 | 1.02 | .01 | .03 | 3 | 1 |
| 008 | 1 | 20 | 16 | 59 | .7 | 17 | 7 | 253 | 3.64 | 11 | 5 | ND | 2 | 10 | 1 | 3 | 2 | 39 | .13 | .116 | 37 | 21 | .19 | 46 | .01 | 3 | .98 | .01 | .04 | 2 | 3 |
| 009 | 1 | 36 | 22 | 68 | .8 | 20 | 12 | 1641 | 4.32 | 12 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 34 | .21 | .129 | 34 | 20 | .28 | 55 | .01 | 2 | 1.10 | .01 | .03 | 1 | 1 |
| 010 | 1 | 51 | 33 | 80 | .4 | 29 | 11 | 248 | 5.84 | 17 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 33 | .14 | .078 | 34 | 25 | .31 | 64 | .02 | 4 | 1.46 | .01 | .03 | 1 | 1 |
| 011 | 1 | 19 | 17 | 79 | .2 | 30 | 15 | 690 | 6.72 | 14 | 5 | ND | 6 | 12 | 1 | 3 | 2 | 49 | .23 | .060 | 24 | 38 | .37 | 149 | .05 | 8 | 1.79 | .01 | .03 | 1 | 4 |
| 012 | 1 | 50 | 28 | 135 | .2 | 50 | 21 | 745 | 5.77 | 15 | 5 | ND | 5 | 5 | 1 | 2 | 2 | 18 | .06 | .090 | 32 | 25 | .45 | 90 | .01 | 2 | 1.65 | .01 | .02 | 1 | 11 |
| 013 | 1 | 34 | 21 | 100 | .3 | 40 | 20 | 776 | 4.63 | 11 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 23 | .37 | .061 | 26 | 24 | .40 | 181 | .01 | 2 | 1.28 | .01 | .03 | 1 | 3 |
| 014 | 1 | 21 | 8 | 91 | .3 | 21 | 12 | 409 | 4.71 | 10 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 29 | .24 | .046 | 28 | 19 | .19 | 188 | .01 | 2 | 1.05 | .01 | .04 | 1 | 1 |
| 015 | 1 | 111 | 20 | 118 | 1.1 | 65 | 25 | 2427 | 4.99 | 13 | 9 | ND | 1 | 99 | 1 | 3 | 2 | 23 | 1.28 | .153 | 15 | 28 | .37 | 132 | .02 | 4 | 1.77 | .01 | .05 | 1 | 1 |
| 016 | 1 | 56 | 29 | 121 | .2 | 49 | 20 | 319 | 7.11 | 19 | 5 | ND | 7 | 37 | 1 | 2 | 2 | 40 | .39 | .051 | 30 | 41 | .55 | 67 | .01 | 2 | 2.73 | .01 | .04 | 1 | 1 |
| 017 | 1 | 91 | 37 | 127 | .7 | 79 | 26 | 1237 | 6.25 | 14 | 5 | ND | 8 | 43 | 1 | 5 | 2 | 26 | .52 | .097 | 47 | 34 | .61 | 106 | .01 | 2 | 2.45 | .01 | .07 | 1 | 2 |
| 018 | 1 | 38 | 26 | 83 | .2 | 26 | 12 | 281 | 6.46 | 10 | 5 | ND | 3 | 9 | 1 | 2 | 2 | 27 | .08 | .078 | 31 | 27 | .48 | 39 | .01 | 2 | 1.68 | .01 | .03 | 1 | 1 |
| 019 | 1 | 30 | 15 | 80 | .3 | 24 | 9 | 183 | 3.86 | 10 | 5 | ND | 3 | 11 | 1 | 2 | 2 | 24 | .12 | .076 | 37 | 23 | .59 | 47 | .01 | 2 | 1.73 | .01 | .04 | 1 | 1 |
| 020 | 1 | 20 | 26 | 94 | .5 | 26 | 13 | 212 | 6.83 | 12 | 5 | ND | 4 | 7 | 1 | 2 | 2 | 61 | .12 | .072 | 28 | 41 | .45 | 89 | .07 | 3 | 1.88 | .01 | .02 | 1 | 1 |
| 021 | 1 | 19 | 11 | 56 | .1 | 14 | 11 | 343 | 4.03 | 5 | 5 | ND | 6 | 6 | 1 | 2 | 4 | 26 | .08 | .058 | 30 | 14 | .17 | 72 | .01 | 2 | 1.11 | .01 | .03 | 1 | 2 |
| 022 | 1 | 39 | 23 | 128 | .3 | 46 | 24 | 1545 | 5.68 | 14 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 30 | .41 | .070 | 24 | 33 | .46 | 129 | .02 | 2 | 2.26 | .01 | .04 | 1 | 1 |
| 023 | 1 | 46 | 21 | 118 | .9 | 46 | 22 | 608 | 6.05 | 17 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 31 | .50 | .086 | 21 | 32 | .40 | 192 | .02 | 2 | 1.78 | .01 | .04 | 1 | 1 |
| 024 | 1 | 25 | 7 | 62 | .1 | 21 | 9 | 153 | 3.29 | 14 | 5 | ND | 2 | 9 | 1 | 2 | 2 | 34 | .11 | .040 | 35 | 18 | .09 | 99 | .02 | 3 | .83 | .01 | .02 | 1 | 12 |
| 025 | 1 | 13 | 8 | 47 | .1 | 12 | 6 | 127 | 2.83 | 7 | 5 | ND | 2 | 7 | 1 | 2 | 5 | 29 | .07 | .043 | 41 | 17 | .14 | 56 | .02 | 2 | .83 | .01 | .03 | 1 | 4 |
| 026 | 1 | 48 | 13 | 101 | 1.1 | 20 | 13 | 750 | 5.50 | 15 | 5 | ND | 3 | 9 | 1 | 3 | 2 | 53 | .11 | .129 | 31 | 24 | .50 | 78 | .01 | 2 | 2.05 | .01 | .04 | 1 | 3 |
| 027 | 1 | 64 | 32 | 91 | .3 | 35 | 19 | 534 | 5.31 | 14 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 35 | .42 | .115 | 31 | 26 | .36 | 79 | .01 | 2 | 1.87 | .01 | .05 | 1 | 1 |
| 028 | 1 | 55 | 28 | 75 | .1 | 42 | 15 | 461 | 4.86 | 13 | 5 | ND | 4 | 13 | 1 | 2 | 2 | 35 | .10 | .090 | 42 | 31 | .36 | 52 | .01 | 5 | 1.71 | .01 | .06 | 1 | 1 |
| 029 | 1 | 50 | 34 | 107 | .1 | 48 | 21 | 654 | 5.61 | 14 | 5 | ND | 6 | 21 | 1 | 2 | 2 | 27 | .25 | .069 | 38 | 37 | .70 | 61 | .01 | 2 | 2.22 | .01 | .05 | 1 | 2 |
| 030 | 1 | 19 | 227 | 70 | .2 | 29 | 14 | 399 | 7.91 | 12 | 5 | ND | 8 | 8 | 1 | 2 | 2 | 46 | .14 | .043 | 26 | 43 | .44 | 156 | .03 | 6 | 2.48 | .01 | .03 | 1 | 2 |
| 031 | 1 | 42 | 24 | 115 | .1 | 40 | 20 | 331 | 7.11 | 12 | 5 | ND | 4 | 15 | 1 | 2 | 4 | 26 | .27 | .048 | 24 | 28 | .47 | 115 | .01 | 2 | 1.91 | .01 | .03 | 1 | 1 |
| 032 | 1 | 24 | 15 | 92 | .2 | 22 | 9 | 192 | 4.23 | 10 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 39 | .44 | .044 | 33 | 24 | .20 | 206 | .02 | 2 | 1.11 | .01 | .04 | 1 | 1 |
| 033 | 1 | 28 | 19 | 84 | .1 | 24 | 13 | 499 | 6.15 | 13 | 5 | ND | 4 | 10 | 1 | 2 | 4 | 31 | .14 | .062 | 34 | 22 | .20 | 147 | .02 | 2 | .95 | .01 | .05 | 1 | 3 |
| 034 | 1 | 74 | 11 | 63 | .1 | 21 | 11 | 365 | 4.79 | 8 | 5 | ND | 3 | 6 | 1 | 2 | 2 | 31 | .06 | .065 | 35 | 22 | .21 | 62 | .02 | 2 | 1.07 | .01 | .03 | 1 | 10 |
| 035 | 1 | 16 | 7 | 55 | .1 | 20 | 8 | 180 | 3.40 | 15 | 5 | ND | 5 | 7 | 1 | 2 | 2 | 44 | .10 | .046 | 43 | 27 | .21 | 51 | .02 | 2 | 1.28 | .01 | .03 | 1 | 1 |
| 036 | 1 | 68 | 20 | 116 | .6 | 41 | 17 | 969 | 4.93 | 10 | 10 | ND | 3 | 64 | 1 | 3 | 2 | 33 | .74 | .146 | 28 | 35 | .62 | 66 | .02 | 2 | 2.06 | .01 | .05 | 1 | 1 |
| STD C/AU-S | 18 | 58 | 41 | 132 | 6.7 | 67 | 31 | 958 | 4.10 | 41 | 18 | 7 | 38 | 48 | 18 | 15 | 23 | 58 | .49 | .094 | 39 | 56 | .89 | 172 | .06 | 33 | 2.01 | .06 | .14 | 13 | 53 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 037 | 1 | 18 | 25 | 68 | .4 | 17 | 8 | 131 | 4.89 | 11 | 5 | ND | 8 | 4 | 1 | 2 | 2 | 23 | .02 | .075 | 34 | 28 | .52 | 37 | .01 | 2 | 1.70 | .01 | .04 | 1 | 1 |
| 038 | 1 | 21 | 11 | 63 | .1 | 15 | 8 | 296 | 2.94 | 6 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 29 | .18 | .054 | 36 | 20 | .18 | 78 | .01 | 2 | .83 | .01 | .04 | 1 | 56 |
| 039 | 1 | 17 | 16 | 84 | .1 | 26 | 14 | 255 | 6.41 | 10 | 5 | ND | 6 | 8 | 1 | 2 | 2 | 65 | .15 | .062 | 22 | 48 | .54 | 196 | .08 | 2 | 2.11 | .01 | .03 | 1 | 3 |
| 040 | 1 | 18 | 10 | 84 | .1 | 23 | 10 | 218 | 4.32 | 7 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 54 | .16 | .039 | 24 | 36 | .32 | 151 | .04 | 2 | 1.67 | .01 | .03 | 1 | 1 |
| 041 | 1 | 20 | 14 | 93 | .1 | 28 | 12 | 382 | 4.92 | 9 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 63 | .38 | .051 | 22 | 41 | .41 | 193 | .05 | 2 | 1.72 | .01 | .04 | 1 | 2 |
| 042 | 1 | 27 | 19 | 95 | .1 | 22 | 12 | 418 | 5.27 | 8 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 37 | .29 | .051 | 28 | 25 | .23 | 168 | .02 | 2 | 1.34 | .01 | .03 | 1 | 2 |
| 043 | 1 | 19 | 5 | 59 | .1 | 17 | 10 | 169 | 3.97 | 8 | 5 | ND | 6 | 4 | 1 | 2 | 2 | 31 | .07 | .044 | 34 | 17 | .15 | 52 | .03 | 2 | .74 | .01 | .03 | 1 | 1 |
| 044 | 1 | 31 | 15 | 101 | .4 | 32 | 15 | 174 | 6.11 | 8 | 5 | ND | 10 | 5 | 1 | 2 | 2 | 26 | .04 | .047 | 37 | 30 | .49 | 55 | .01 | 2 | 2.02 | .01 | .04 | 1 | 2 |
| 045 | 1 | 32 | 24 | 88 | .3 | 20 | 13 | 780 | 5.83 | 12 | 5 | ND | 3 | 9 | 1 | 2 | 2 | 60 | .08 | .078 | 36 | 25 | .39 | 56 | .01 | 3 | 1.61 | .01 | .04 | 1 | 1 |
| 046 | 1 | 20 | 16 | 62 | .1 | 15 | 8 | 151 | 3.95 | 9 | 5 | ND | 7 | 11 | 1 | 2 | 3 | 34 | .10 | .039 | 46 | 21 | .25 | 60 | .01 | 3 | 1.26 | .01 | .03 | 1 | 1 |
| 047 | 1 | 25 | 22 | 75 | .3 | 18 | 10 | 404 | 5.20 | 9 | 5 | ND | 5 | 7 | 1 | 2 | 2 | 30 | .05 | .134 | 35 | 28 | .32 | 82 | .01 | 2 | 1.65 | .01 | .06 | 1 | 1 |
| 048 | 1 | 7 | 13 | 54 | .1 | 11 | 5 | 165 | 2.70 | 8 | 5 | ND | 6 | 6 | 1 | 2 | 2 | 27 | .06 | .059 | 40 | 17 | .28 | 63 | .01 | 2 | 1.20 | .01 | .04 | 1 | 1 |
| 049 | 1 | 16 | 15 | 69 | .1 | 23 | 11 | 530 | 4.50 | 7 | 5 | ND | 3 | 7 | 1 | 2 | 2 | 48 | .11 | .081 | 28 | 34 | .42 | 84 | .04 | 2 | 1.54 | .01 | .04 | 1 | 1 |
| 050 | 1 | 30 | 13 | 89 | .2 | 35 | 14 | 305 | 5.16 | 10 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 52 | .53 | .057 | 25 | 46 | .44 | 185 | .04 | 2 | 2.19 | .01 | .05 | 1 | 3 |
| 051 | 1 | 19 | 16 | 84 | .2 | 27 | 12 | 288 | 4.36 | 6 | 5 | ND | 6 | 10 | 1 | 2 | 2 | 41 | .16 | .064 | 29 | 33 | .39 | 158 | .03 | 2 | 1.43 | .01 | .06 | 1 | 4 |
| 052 | 1 | 32 | 16 | 103 | .5 | 35 | 16 | 263 | 6.78 | 13 | 5 | ND | 9 | 8 | 1 | 2 | 2 | 42 | .12 | .050 | 31 | 41 | .47 | 118 | .02 | 2 | 2.10 | .01 | .05 | 1 | 1 |
| 053 | 1 | 14 | 12 | 128 | .1 | 32 | 16 | 468 | 5.76 | 7 | 5 | ND | 8 | 9 | 1 | 2 | 2 | 26 | .22 | .083 | 25 | 25 | .31 | 123 | .01 | 2 | 1.64 | .01 | .06 | 1 | 8 |
| 054 | 1 | 18 | 20 | 79 | .2 | 24 | 10 | 153 | 5.35 | 12 | 5 | ND | 13 | 3 | 1 | 2 | 2 | 36 | .03 | .072 | 53 | 26 | .30 | 38 | .01 | 2 | 1.75 | .01 | .03 | 1 | 3 |
| 055 | 1 | 18 | 15 | 63 | .4 | 19 | 8 | 295 | 4.17 | 12 | 5 | ND | 3 | 7 | 1 | 2 | 2 | 29 | .11 | .086 | 41 | 24 | .24 | 44 | .01 | 7 | 1.35 | .01 | .04 | 1 | 2 |
| 056 | 1 | 6 | 7 | 20 | .1 | 5 | 2 | 81 | .82 | 4 | 5 | ND | 8 | 5 | 1 | 2 | 2 | 12 | .03 | .029 | 58 | 10 | .07 | 25 | .01 | 2 | .88 | .01 | .02 | 1 | 1 |
| 057 | 1 | 18 | 22 | 77 | .4 | 21 | 8 | 232 | 5.00 | 11 | 5 | ND | 3 | 5 | 1 | 2 | 5 | 30 | .03 | .096 | 37 | 27 | .38 | 70 | .01 | 2 | 1.39 | .01 | .05 | 1 | 1 |
| 058 | 1 | 13 | 13 | 97 | .2 | 18 | 8 | 369 | 3.88 | 8 | 5 | ND | 5 | 7 | 1 | 3 | 2 | 42 | .12 | .099 | 24 | 32 | .34 | 125 | .04 | 4 | 1.73 | .01 | .03 | 1 | 3 |
| 059 | 1 | 15 | 17 | 72 | .3 | 24 | 11 | 475 | 3.89 | 10 | 5 | ND | 7 | 8 | 1 | 2 | 2 | 45 | .11 | .052 | 26 | 35 | .33 | 138 | .04 | 5 | 1.91 | .01 | .02 | 1 | 1 |
| 060 | 1 | 14 | 14 | 95 | .1 | 26 | 10 | 517 | 4.22 | 13 | 5 | ND | 4 | 12 | 1 | 2 | 2 | 40 | .21 | .098 | 24 | 33 | .34 | 181 | .03 | 2 | 1.88 | .01 | .02 | 1 | 2 |
| 061 | 1 | 17 | 13 | 77 | .2 | 26 | 10 | 245 | 4.86 | 10 | 5 | ND | 7 | 7 | 1 | 2 | 2 | 42 | .11 | .049 | 31 | 38 | .46 | 126 | .03 | 2 | 1.82 | .01 | .04 | 1 | 1 |
| 062 | 1 | 19 | 13 | 95 | .1 | 28 | 11 | 199 | 4.87 | 9 | 5 | ND | 7 | 10 | 1 | 2 | 3 | 43 | .18 | .129 | 31 | 40 | .49 | 131 | .04 | 2 | 1.69 | .01 | .04 | 1 | 1 |
| 063 | 1 | 27 | 14 | 93 | .3 | 37 | 14 | 207 | 5.39 | 12 | 5 | ND | 9 | 7 | 1 | 3 | 4 | 46 | .12 | .038 | 31 | 42 | .58 | 135 | .05 | 3 | 1.71 | .01 | .04 | 1 | 7 |
| 064 | 1 | 33 | 23 | 110 | .5 | 45 | 20 | 234 | 6.01 | 11 | 5 | ND | 5 | 16 | 1 | 2 | 3 | 21 | .26 | .049 | 38 | 24 | .36 | 130 | .01 | 2 | 1.69 | .01 | .05 | 1 | 3 |
| 065 | 1 | 27 | 19 | 103 | .1 | 28 | 16 | 407 | 6.39 | 15 | 5 | ND | 4 | 9 | 1 | 2 | 2 | 28 | .11 | .067 | 29 | 23 | .23 | 61 | .02 | 2 | 1.22 | .01 | .04 | 1 | 1 |
| 066 | 1 | 18 | 16 | 83 | .5 | 24 | 12 | 255 | 4.54 | 12 | 6 | ND | 8 | 10 | 1 | 3 | 2 | 37 | .14 | .051 | 33 | 27 | .28 | 80 | .01 | 2 | 1.54 | .01 | .04 | 1 | 1 |
| 067 | 1 | 9 | 13 | 47 | .1 | 8 | 5 | 118 | 2.58 | 4 | 5 | ND | 8 | 8 | 1 | 2 | 3 | 27 | .10 | .058 | 62 | 10 | .12 | 48 | .01 | 2 | .84 | .01 | .05 | 1 | 1 |
| 068 | 1 | 9 | 13 | 39 | .1 | 7 | 4 | 150 | 2.42 | 5 | 5 | ND | 7 | 5 | 1 | 2 | 4 | 30 | .09 | .053 | 43 | 14 | .11 | 52 | .01 | 2 | 1.24 | .01 | .03 | 1 | 1 |
| 069 | 1 | 24 | 22 | 92 | .1 | 29 | 12 | 406 | 5.67 | 16 | 5 | ND | 4 | 7 | 1 | 2 | 4 | 30 | .12 | .128 | 35 | 35 | .38 | 64 | .01 | 2 | 1.84 | .01 | .06 | 1 | 1 |
| 070 | 1 | 19 | 16 | 42 | .1 | 10 | 4 | 127 | 2.52 | 11 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 32 | .10 | .078 | 42 | 16 | .13 | 59 | .01 | 2 | .90 | .01 | .04 | 1 | 1 |
| 071 | 1 | 9 | 17 | 65 | .2 | 15 | 6 | 182 | 3.35 | 5 | 5 | ND | 5 | 7 | 1 | 2 | 2 | 44 | .11 | .048 | 24 | 25 | .28 | 108 | .03 | 2 | 1.62 | .01 | .03 | 2 | 1 |
| 072 | 1 | 11 | 18 | 71 | .1 | 18 | 9 | 206 | 3.45 | 3 | 5 | ND | 5 | 16 | 1 | 2 | 2 | 42 | .23 | .048 | 23 | 31 | .26 | 113 | .03 | 2 | 1.89 | .01 | .02 | 1 | 3 |
| STD C/AU-S | 18 | 59 | 41 | 132 | 6.7 | 67 | 30 | 956 | 4.06 | 41 | 16 | 8 | 38 | 49 | 18 | 15 | 23 | 59 | .49 | .092 | 39 | 56 | .89 | 176 | .06 | 37 | 1.97 | .06 | .14 | 12 | 52 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 073 | 1 | 13 | 17 | 98 | .1 | 19 | 8 | 152 | 3.72 | 3 | 5 | ND | 5 | 10 | 1 | 2 | 2 | 53 | .18 | .054 | 26 | 33 | .34 | 188 | .04 | 2 | 1.72 | .01 | .03 | 1 | 39 |
| 074 | 1 | 23 | 23 | 106 | .2 | 44 | 17 | 1248 | 4.58 | 9 | 5 | ND | 3 | 37 | 1 | 2 | 2 | 36 | .53 | .050 | 28 | 48 | .60 | 181 | .03 | 10 | 2.15 | .01 | .06 | 1 | 15 |
| 075 | 1 | 23 | 29 | 107 | .2 | 30 | 13 | 430 | 6.01 | 9 | 5 | ND | 4 | 14 | 1 | 2 | 2 | 35 | .28 | .061 | 29 | 33 | .45 | 120 | .01 | 2 | 1.88 | .01 | .05 | 1 | 2 |
| 076 | 1 | 24 | 17 | 103 | .1 | 34 | 14 | 231 | 6.35 | 9 | 5 | ND | 6 | 12 | 1 | 2 | 2 | 48 | .18 | .057 | 27 | 45 | .49 | 181 | .03 | 4 | 2.14 | .01 | .05 | 1 | 1 |
| 077 | 1 | 27 | 17 | 97 | .1 | 37 | 14 | 196 | 5.41 | 10 | 5 | ND | 13 | 11 | 1 | 2 | 2 | 23 | .16 | .055 | 49 | 24 | .36 | 109 | .01 | 2 | 1.30 | .01 | .05 | 1 | 1 |
| 078 | 1 | 23 | 18 | 104 | .2 | 28 | 13 | 264 | 5.70 | 13 | 5 | ND | 8 | 11 | 1 | 2 | 2 | 34 | .17 | .050 | 36 | 28 | .38 | 106 | .01 | 5 | 1.62 | .01 | .05 | 1 | 10 |
| 079 | 1 | 22 | 18 | 113 | .1 | 39 | 16 | 251 | 5.92 | 9 | 5 | ND | 9 | 6 | 1 | 2 | 2 | 39 | .06 | .091 | 34 | 36 | .55 | 78 | .02 | 2 | 1.97 | .01 | .05 | 1 | 1 |
| 080 | 1 | 14 | 14 | 58 | .1 | 20 | 8 | 151 | 4.04 | 13 | 5 | ND | 6 | 5 | 1 | 2 | 2 | 33 | .07 | .089 | 28 | 21 | .28 | 81 | .03 | 2 | 1.30 | .01 | .03 | 1 | 3 |
| 081 | 1 | 18 | 34 | 60 | .1 | 40 | 14 | 408 | 4.54 | 14 | 5 | ND | 14 | 16 | 1 | 2 | 2 | 25 | .19 | .037 | 51 | 29 | .40 | 112 | .02 | 5 | 1.98 | .01 | .04 | 1 | 1 |
| 082 | 1 | 22 | 20 | 93 | .1 | 33 | 14 | 396 | 5.27 | 10 | 5 | ND | 6 | 12 | 1 | 2 | 2 | 64 | .20 | .129 | 22 | 43 | .50 | 135 | .06 | 2 | 2.03 | .01 | .04 | 1 | 1 |
| 083 | 1 | 23 | 23 | 95 | .2 | 37 | 14 | 232 | 6.35 | 14 | 5 | ND | 7 | 10 | 1 | 2 | 2 | 54 | .21 | .206 | 27 | 45 | .54 | 112 | .06 | 4 | 1.72 | .01 | .03 | 1 | 1 |
| 084 | 1 | 11 | 16 | 112 | .3 | 22 | 10 | 175 | 4.39 | 5 | 5 | ND | 6 | 10 | 1 | 2 | 2 | 58 | .20 | .063 | 27 | 42 | .39 | 176 | .06 | 2 | 1.86 | .01 | .05 | 1 | 2 |
| 085 | 1 | 32 | 24 | 100 | .3 | 42 | 17 | 274 | 5.60 | 13 | 5 | ND | 6 | 15 | 1 | 2 | 2 | 53 | .22 | .036 | 30 | 52 | .66 | 177 | .02 | 4 | 2.46 | .01 | .06 | 1 | 3 |
| 086 | 1 | 17 | 16 | 69 | .4 | 23 | 10 | 177 | 4.54 | 10 | 5 | ND | 10 | 9 | 1 | 2 | 2 | 42 | .14 | .040 | 38 | 24 | .25 | 93 | .01 | 4 | 1.44 | .01 | .04 | 1 | 1 |
| 087 | 1 | 34 | 27 | 139 | .1 | 43 | 20 | 536 | 5.70 | 11 | 5 | ND | 6 | 19 | 1 | 2 | 2 | 51 | .30 | .069 | 34 | 44 | .53 | 217 | .02 | 7 | 2.39 | .01 | .08 | 1 | 1 |
| 088 | 1 | 34 | 17 | 82 | .4 | 31 | 16 | 720 | 3.95 | 6 | 5 | ND | 4 | 23 | 1 | 2 | 2 | 39 | .35 | .057 | 37 | 28 | .34 | 186 | .01 | 2 | 1.74 | .01 | .07 | 1 | 1 |
| 089 | 1 | 21 | 13 | 140 | .2 | 33 | 18 | 362 | 7.39 | 3 | 5 | ND | 8 | 6 | 1 | 2 | 3 | 50 | .06 | .104 | 38 | 31 | .45 | 69 | .03 | 3 | 1.56 | .01 | .05 | 1 | 2 |
| 090 | 1 | 21 | 17 | 95 | .4 | 46 | 13 | 398 | 4.42 | 10 | 5 | ND | 4 | 10 | 1 | 2 | 2 | 56 | .21 | .108 | 26 | 58 | .73 | 131 | .07 | 4 | 1.96 | .01 | .06 | 1 | 3 |
| 091 | 1 | 26 | 39 | 71 | .5 | 57 | 20 | 348 | 6.35 | 13 | 5 | ND | 10 | 20 | 1 | 4 | 2 | 37 | .27 | .095 | 28 | 50 | .49 | 103 | .03 | 7 | 3.02 | .01 | .04 | 1 | 3 |
| 092 | 1 | 19 | 25 | 79 | .2 | 37 | 15 | 263 | 4.99 | 12 | 5 | ND | 7 | 16 | 1 | 2 | 2 | 61 | .33 | .060 | 25 | 49 | .51 | 118 | .05 | 2 | 2.36 | .01 | .02 | 1 | 1 |
| 093 | 1 | 27 | 21 | 87 | .1 | 51 | 17 | 626 | 4.70 | 13 | 5 | ND | 6 | 34 | 1 | 2 | 3 | 45 | .62 | .113 | 30 | 58 | .75 | 176 | .07 | 2 | 1.80 | .01 | .03 | 1 | 1 |
| 094 | 1 | 20 | 18 | 138 | .7 | 42 | 14 | 251 | 5.31 | 13 | 5 | ND | 6 | 14 | 1 | 2 | 2 | 66 | .29 | .127 | 26 | 61 | .68 | 199 | .06 | 6 | 2.36 | .01 | .06 | 1 | 3 |
| 095 | 1 | 39 | 29 | 143 | .7 | 55 | 21 | 630 | 5.88 | 17 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 57 | .55 | .086 | 27 | 59 | .68 | 180 | .04 | 9 | 2.51 | .01 | .09 | 1 | 1 |
| 096 | 1 | 13 | 18 | 83 | .2 | 21 | 11 | 190 | 4.46 | 6 | 5 | ND | 6 | 20 | 1 | 2 | 2 | 54 | .35 | .048 | 29 | 33 | .35 | 135 | .02 | 2 | 2.15 | .01 | .04 | 1 | 1 |
| 097 | 1 | 89 | 26 | 119 | 1.2 | 76 | 25 | 1728 | 6.01 | 17 | 5 | ND | 2 | 46 | 1 | 2 | 2 | 43 | .84 | .125 | 25 | 41 | .53 | 314 | .02 | 5 | 2.51 | .01 | .11 | 1 | 1 |
| 098 | 1 | 45 | 15 | 164 | .3 | 30 | 19 | 619 | 8.07 | 19 | 5 | ND | 6 | 10 | 1 | 2 | 2 | 60 | .12 | .092 | 28 | 25 | .33 | 122 | .01 | 4 | 1.93 | .01 | .05 | 1 | 1 |
| 099 | 1 | 35 | 23 | 120 | .5 | 61 | 17 | 272 | 5.71 | 14 | 5 | ND | 8 | 13 | 1 | 4 | 5 | 46 | .24 | .138 | 24 | 63 | .70 | 111 | .07 | 5 | 2.71 | .01 | .04 | 1 | 1 |
| 100 | 1 | 33 | 23 | 91 | .3 | 74 | 19 | 329 | 5.62 | 15 | 5 | ND | 6 | 20 | 1 | 2 | 4 | 53 | .36 | .105 | 24 | 71 | .77 | 161 | .06 | 6 | 2.61 | .01 | .04 | 1 | 1 |
| 101 | 1 | 10 | 26 | 65 | .3 | 29 | 13 | 232 | 5.42 | 8 | 5 | ND | 6 | 16 | 1 | 2 | 2 | 57 | .19 | .030 | 21 | 42 | .55 | 113 | .04 | 3 | 2.51 | .01 | .04 | 1 | 1 |
| 102 | 1 | 25 | 21 | 116 | .6 | 47 | 17 | 267 | 6.11 | 12 | 5 | ND | 6 | 14 | 1 | 3 | 5 | 70 | .27 | .063 | 24 | 68 | .70 | 230 | .08 | 2 | 2.60 | .01 | .04 | 1 | 4 |
| 103 | 1 | 38 | 20 | 82 | .5 | 62 | 18 | 255 | 5.11 | 17 | 5 | ND | 8 | 13 | 1 | 3 | 2 | 51 | .29 | .077 | 26 | 57 | .74 | 137 | .09 | 8 | 2.06 | .01 | .03 | 1 | 1 |
| 104 | 1 | 18 | 20 | 94 | .4 | 33 | 12 | 190 | 4.91 | 9 | 5 | ND | 7 | 10 | 1 | 4 | 2 | 51 | .23 | .071 | 23 | 47 | .47 | 141 | .06 | 6 | 1.94 | .01 | .03 | 1 | 1 |
| 105 | 2 | 66 | 29 | 146 | 1.1 | 55 | 21 | 561 | 5.14 | 20 | 8 | ND | 4 | 32 | 1 | 3 | 2 | 50 | .47 | .086 | 32 | 47 | .56 | 274 | .02 | 6 | 2.20 | .01 | .10 | 1 | 1 |
| 106 | 1 | 18 | 19 | 127 | .6 | 25 | 13 | 186 | 6.39 | 13 | 5 | ND | 8 | 10 | 1 | 2 | 3 | 42 | .13 | .064 | 33 | 32 | .39 | 125 | .01 | 5 | 2.02 | .01 | .05 | 1 | 1 |
| 107 | 1 | 24 | 19 | 117 | .3 | 33 | 13 | 215 | 4.71 | 12 | 5 | ND | 6 | 11 | 1 | 3 | 7 | 32 | .14 | .052 | 40 | 29 | .40 | 96 | .02 | 8 | 1.28 | .01 | .05 | 1 | 1 |
| 108 | 1 | 31 | 26 | 125 | .8 | 40 | 20 | 309 | 6.52 | 17 | 9 | ND | 9 | 20 | 1 | 4 | 4 | 60 | .20 | .058 | 29 | 51 | .46 | 150 | .03 | 2 | 2.56 | .01 | .07 | 1 | 3 |
| STD C/AU-S | 18 | 59 | 40 | 132 | 6.9 | 68 | 30 | 962 | 4.10 | 41 | 22 | 8 | 38 | 49 | 19 | 15 | 23 | 59 | .49 | .094 | 39 | 56 | .89 | 173 | .06 | 36 | 1.98 | .06 | .13 | 12 | 47 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109 | 1 | 27 | 19 | 110 | .1 | 47 | 15 | 254 | 5.00 | 10 | 5 | ND | 3 | 12 | 1 | 2 | 5 | 38 | .16 | .087 | 25 | 44 | .57 | 124 | .03 | 2 | 2.07 | .01 | .05 | 1 | 4 |
| 110 | 1 | 15 | 19 | 56 | .3 | 22 | 9 | 183 | 4.31 | 8 | 7 | ND | 6 | 13 | 1 | 3 | 2 | 42 | .17 | .051 | 23 | 33 | .36 | 161 | .02 | 2 | 1.86 | .01 | .03 | 1 | 1 |
| 111 | 1 | 29 | 25 | 79 | .2 | 58 | 20 | 491 | 5.75 | 12 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 48 | .38 | .130 | 29 | 60 | .52 | 172 | .04 | 2 | 2.70 | .01 | .04 | 1 | 10 |
| 112 | 1 | 31 | 21 | 102 | .1 | 44 | 17 | 343 | 4.31 | 13 | 5 | ND | 4 | 34 | 1 | 2 | 2 | 45 | .48 | .046 | 29 | 45 | .58 | 197 | .03 | 3 | 1.86 | .01 | .06 | 1 | 3 |
| 113 | 1 | 45 | 21 | 125 | .2 | 49 | 19 | 475 | 4.34 | 17 | 5 | ND | 7 | 29 | 1 | 2 | 5 | 33 | .41 | .102 | 35 | 35 | .56 | 162 | .04 | 2 | 1.42 | .01 | .07 | 1 | 7 |
| 114 | 1 | 45 | 23 | 129 | .2 | 75 | 24 | 310 | 5.06 | 13 | 5 | ND | 7 | 13 | 1 | 2 | 2 | 42 | .19 | .082 | 29 | 52 | .72 | 200 | .04 | 2 | 2.77 | .01 | .06 | 1 | 2 |
| 115 | 1 | 30 | 19 | 109 | .5 | 46 | 16 | 372 | 4.61 | 13 | 5 | ND | 3 | 14 | 1 | 2 | 2 | 49 | .21 | .086 | 27 | 47 | .62 | 181 | .04 | 2 | 2.05 | .01 | .07 | 1 | 3 |
| 116 | 1 | 28 | 16 | 117 | .6 | 37 | 15 | 428 | 4.24 | 12 | 5 | ND | 4 | 16 | 1 | 2 | 2 | 49 | .25 | .113 | 30 | 43 | .53 | 191 | .05 | 3 | 1.71 | .01 | .07 | 1 | 4 |
| 117 | 1 | 25 | 26 | 144 | .4 | 33 | 14 | 260 | 6.54 | 17 | 7 | ND | 9 | 8 | 1 | 2 | 2 | 49 | .10 | .070 | 35 | 43 | .45 | 156 | .02 | 2 | 2.18 | .01 | .05 | 2 | 1 |
| 118 | 1 | 24 | 23 | 119 | .4 | 38 | 13 | 472 | 4.18 | 13 | 5 | ND | 2 | 44 | 1 | 2 | 3 | 39 | .55 | .079 | 24 | 46 | .51 | 189 | .02 | 2 | 2.07 | .01 | .05 | 1 | 1 |
| 119 | 1 | 27 | 14 | 98 | .1 | 45 | 12 | 296 | 4.14 | 9 | 5 | ND | 3 | 15 | 1 | 2 | 2 | 46 | .25 | .111 | 27 | 54 | .69 | 157 | .04 | 2 | 1.91 | .01 | .05 | 1 | 7 |
| 120 | 1 | 37 | 16 | 107 | .3 | 39 | 15 | 313 | 3.66 | 12 | 5 | ND | 3 | 19 | 1 | 2 | 2 | 39 | .33 | .096 | 33 | 39 | .55 | 133 | .05 | 2 | 1.31 | .01 | .06 | 1 | 3 |
| 121 | 2 | 42 | 20 | 136 | .3 | 46 | 15 | 286 | 4.50 | 15 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 46 | .29 | .121 | 29 | 42 | .58 | 156 | .04 | 2 | 1.65 | .01 | .07 | 1 | 5 |
| 122 | 1 | 45 | 22 | 118 | .4 | 64 | 22 | 323 | 5.47 | 12 | 5 | ND | 4 | 28 | 1 | 2 | 2 | 50 | .40 | .117 | 25 | 55 | .70 | 217 | .04 | 3 | 2.49 | .01 | .06 | 1 | 7 |
| 123 | 2 | 34 | 23 | 106 | .3 | 56 | 20 | 311 | 7.63 | 19 | 5 | ND | 7 | 9 | 1 | 2 | 2 | 59 | .15 | .125 | 22 | 67 | .66 | 185 | .07 | 2 | 2.97 | .01 | .04 | 2 | 1 |
| 124 | 1 | 58 | 20 | 126 | .6 | 66 | 21 | 794 | 5.30 | 15 | 5 | ND | 2 | 24 | 1 | 2 | 3 | 52 | .35 | .089 | 34 | 59 | .83 | 284 | .04 | 3 | 2.49 | .01 | .09 | 1 | 1 |
| 125 | 1 | 29 | 18 | 147 | .5 | 46 | 17 | 344 | 4.51 | 11 | 5 | ND | 4 | 18 | 1 | 2 | 2 | 52 | .29 | .081 | 31 | 49 | .69 | 259 | .04 | 5 | 2.11 | .01 | .08 | 1 | 2 |
| 126 | 1 | 55 | 23 | 149 | .8 | 62 | 22 | 737 | 5.47 | 17 | 5 | ND | 2 | 43 | 1 | 2 | 2 | 49 | .61 | .097 | 28 | 51 | .73 | 265 | .02 | 3 | 2.46 | .01 | .09 | 1 | 2 |
| 127 | 1 | 38 | 19 | 110 | .6 | 47 | 25 | 1348 | 4.96 | 12 | 7 | ND | 3 | 26 | 1 | 2 | 2 | 43 | .37 | .080 | 26 | 41 | .55 | 260 | .02 | 5 | 2.49 | .01 | .09 | 1 | 5 |
| 128 | 1 | 21 | 15 | 141 | .7 | 33 | 13 | 765 | 3.39 | 6 | 5 | ND | 1 | 56 | 1 | 2 | 2 | 35 | 1.11 | .075 | 17 | 39 | .48 | 278 | .02 | 2 | 1.73 | .01 | .06 | 1 | 2 |
| 129 | 1 | 30 | 19 | 109 | .5 | 40 | 14 | 485 | 4.24 | 11 | 5 | ND | 6 | 16 | 1 | 2 | 2 | 36 | .24 | .106 | 33 | 40 | .58 | 171 | .03 | 5 | 1.64 | .01 | .06 | 1 | 3 |
| 130 | 1 | 14 | 13 | 85 | .2 | 27 | 9 | 207 | 3.73 | 10 | 5 | ND | 3 | 10 | 1 | 2 | 2 | 50 | .23 | .103 | 24 | 37 | .47 | 135 | .06 | 3 | 1.48 | .01 | .04 | 1 | 1 |
| 131 | 1 | 40 | 19 | 119 | .2 | 54 | 18 | 454 | 4.39 | 14 | 5 | ND | 6 | 34 | 1 | 2 | 2 | 44 | .49 | .100 | 30 | 47 | .73 | 196 | .05 | 3 | 1.71 | .01 | .06 | 1 | 3 |
| 132 | 1 | 11 | 16 | 90 | .1 | 23 | 10 | 361 | 3.55 | 4 | 5 | ND | 2 | 15 | 1 | 2 | 3 | 54 | .31 | .086 | 23 | 38 | .36 | 150 | .06 | 2 | 1.52 | .01 | .04 | 1 | 15 |
| 133 | 1 | 60 | 19 | 113 | .2 | 82 | 24 | 876 | 5.36 | 15 | 5 | ND | 8 | 33 | 1 | 2 | 2 | 54 | .57 | .092 | 36 | 69 | 1.13 | 218 | .09 | 7 | 2.28 | .01 | .14 | 1 | 2 |
| 134 | 1 | 36 | 21 | 119 | .8 | 64 | 21 | 323 | 6.09 | 12 | 5 | ND | 6 | 22 | 1 | 2 | 2 | 67 | .37 | .086 | 27 | 67 | .77 | 298 | .07 | 2 | 3.16 | .01 | .07 | 1 | 5 |
| 135 | 1 | 56 | 23 | 117 | .6 | 69 | 23 | 887 | 5.30 | 14 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 51 | .46 | .084 | 33 | 68 | 1.04 | 281 | .04 | 4 | 2.73 | .01 | .11 | 1 | 9 |
| 136 | 1 | 23 | 11 | 64 | .2 | 33 | 15 | 213 | 4.10 | 15 | 8 | ND | 6 | 10 | 1 | 3 | 5 | 32 | .13 | .048 | 40 | 24 | .32 | 92 | .03 | 7 | .96 | .01 | .06 | 1 | 3 |
| 137 | 1 | 31 | 16 | 126 | .9 | 52 | 15 | 327 | 4.59 | 13 | 5 | ND | 2 | 36 | 1 | 2 | 5 | 39 | .59 | .102 | 23 | 53 | .62 | 195 | .03 | 5 | 2.08 | .01 | .06 | 1 | 1 |
| 138 | 1 | 18 | 16 | 79 | .5 | 28 | 9 | 211 | 3.59 | 6 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 38 | .31 | .106 | 27 | 38 | .41 | 141 | .03 | 2 | 1.64 | .01 | .04 | 1 | 5 |
| 139 | 2 | 35 | 18 | 108 | .2 | 53 | 15 | 204 | 4.97 | 13 | 5 | ND | 4 | 12 | 1 | 2 | 2 | 38 | .14 | .088 | 28 | 46 | .65 | 139 | .04 | 2 | 2.07 | .01 | .05 | 1 | 6 |
| 140 | 1 | 27 | 20 | 98 | .3 | 47 | 15 | 354 | 5.82 | 14 | 5 | ND | 6 | 9 | 1 | 2 | 2 | 59 | .20 | .072 | 25 | 55 | .66 | 178 | .08 | 5 | 2.08 | .01 | .04 | 1 | 1 |
| 141 | 1 | 45 | 43 | 80 | .1 | 45 | 18 | 1327 | 6.10 | 15 | 5 | ND | 11 | 41 | 1 | 2 | 2 | 39 | .39 | .054 | 97 | 31 | .52 | 104 | .03 | 6 | 2.06 | .01 | .04 | 1 | 280 |
| 142 | 1 | 43 | 17 | 116 | 1.0 | 57 | 19 | 601 | 4.80 | 14 | 6 | ND | 2 | 35 | 1 | 3 | 2 | 61 | .67 | .063 | 27 | 70 | .77 | 305 | .05 | 4 | 2.38 | .01 | .08 | 1 | 10 |
| 143 | 1 | 39 | 15 | 99 | .2 | 69 | 21 | 469 | 4.96 | 12 | 5 | ND | 5 | 22 | 1 | 2 | 7 | 59 | .50 | .101 | 27 | 69 | 1.06 | 209 | .08 | 2 | 2.33 | .01 | .09 | 1 | 4 |
| 144 | 1 | 78 | 24 | 120 | .8 | 82 | 26 | 749 | 5.23 | 13 | 7 | ND | 2 | 30 | 1 | 4 | 2 | 59 | .49 | .081 | 36 | 72 | .95 | 396 | .03 | 6 | 2.88 | .01 | .12 | 1 | 1 |
| STD C/AU-S | 18 | 57 | 41 | 132 | 6.7 | 67 | 30 | 949 | 4.05 | 41 | 22 | 8 | 38 | 48 | 18 | 15 | 23 | 58 | .49 | .092 | 38 | 56 | .89 | 175 | .06 | 32 | 1.95 | .06 | .14 | 12 | 49 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 145 | 1 | 24 | 25 | 86 | .2 | 30 | 13 | 163 | 5.82 | 7 | 6 | ND | 15 | 5 | 1 | 2 | 2 | 28 | .04 | .048 | 52 | 18 | .19 | 55 | .01 | 2 | 1.14 | .01 | .04 | 1 | 5 |
| 146 | 1 | 31 | 9 | 97 | .3 | 45 | 16 | 522 | 4.76 | 10 | 6 | ND | 12 | 5 | 1 | 2 | 2 | 15 | .06 | .050 | 38 | 16 | .22 | 99 | .01 | 2 | 1.12 | .01 | .06 | 1 | 4 |
| 147 | 1 | 27 | 24 | 109 | .4 | 53 | 15 | 633 | 6.36 | 18 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 57 | .36 | .164 | 21 | 72 | .70 | 176 | .05 | 4 | 2.32 | .01 | .08 | 1 | 1 |
| 148 | 1 | 30 | 18 | 101 | .6 | 45 | 15 | 554 | 4.45 | 11 | 5 | ND | 3 | 31 | 1 | 3 | 2 | 60 | .47 | .097 | 29 | 65 | .74 | 238 | .05 | 2 | 2.40 | .01 | .07 | 1 | 1 |
| 149 | 1 | 22 | 15 | 100 | .1 | 39 | 13 | 523 | 4.57 | 11 | 5 | ND | 3 | 16 | 1 | 2 | 2 | 57 | .31 | .124 | 24 | 55 | .65 | 170 | .05 | 2 | 2.03 | .01 | .04 | 1 | 1 |
| 150 | 1 | 50 | 29 | 120 | .4 | 66 | 21 | 1218 | 5.52 | 18 | 5 | ND | 3 | 97 | 1 | 2 | 2 | 51 | 1.10 | .101 | 31 | 62 | .77 | 298 | .04 | 2 | 2.41 | .01 | .10 | 1 | 2 |
| 151 | 1 | 38 | 18 | 100 | .4 | 62 | 20 | 276 | 4.80 | 15 | 6 | ND | 7 | 13 | 1 | 5 | 2 | 55 | .31 | .067 | 28 | 62 | .85 | 165 | .08 | 3 | 2.39 | .01 | .06 | 1 | 2 |
| 152 | 1 | 34 | 30 | 88 | .4 | 41 | 14 | 375 | 6.33 | 15 | 5 | ND | 5 | 14 | 1 | 2 | 2 | 62 | .27 | .073 | 23 | 52 | .61 | 167 | .07 | 3 | 1.82 | .01 | .04 | 1 | 1 |
| 153 | 1 | 24 | 12 | 79 | .4 | 34 | 13 | 223 | 5.60 | 7 | 5 | ND | 8 | 11 | 1 | 2 | 2 | 47 | .18 | .048 | 30 | 48 | .62 | 169 | .05 | 3 | 2.22 | .01 | .05 | 1 | 1 |
| 154 | 1 | 43 | 20 | 110 | .5 | 56 | 20 | 534 | 5.15 | 11 | 7 | ND | 4 | 25 | 1 | 2 | 2 | 50 | .41 | .053 | 40 | 59 | .92 | 186 | .04 | 3 | 2.49 | .01 | .08 | 2 | 1 |
| 155 | 1 | 16 | 16 | 81 | .1 | 22 | 8 | 121 | 2.67 | 8 | 5 | ND | 6 | 9 | 1 | 2 | 2 | 18 | .10 | .030 | 54 | 11 | .10 | 111 | .01 | 2 | .74 | .01 | .04 | 1 | 2 |
| 156 | 1 | 21 | 19 | 101 | .3 | 37 | 12 | 318 | 4.19 | 9 | 5 | ND | 2 | 16 | 1 | 2 | 2 | 49 | .28 | .113 | 33 | 50 | .65 | 197 | .05 | 2 | 1.78 | .01 | .07 | 1 | 1 |
| 157 | 1 | 56 | 24 | 135 | .6 | 68 | 21 | 1082 | 5.17 | 21 | 5 | ND | 5 | 41 | 1 | 2 | 2 | 47 | .62 | .112 | 36 | 58 | .85 | 249 | .06 | 3 | 2.01 | .01 | .09 | 1 | 1 |
| 158 | 1 | 19 | 21 | 82 | .1 | 37 | 13 | 230 | 4.00 | 9 | 5 | ND | 6 | 16 | 1 | 2 | 2 | 50 | .26 | .041 | 27 | 46 | .57 | 162 | .05 | 8 | 2.17 | .01 | .05 | 1 | 1 |
| 159 | 1 | 58 | 35 | 85 | .2 | 42 | 18 | 395 | 6.15 | 27 | 5 | ND | 9 | 17 | 1 | 2 | 6 | 55 | .24 | .077 | 23 | 47 | .45 | 109 | .05 | 8 | 2.54 | .01 | .04 | 1 | 12 |
| 160 | 1 | 16 | 28 | 45 | .2 | 29 | 13 | 388 | 4.77 | 13 | 5 | ND | 10 | 36 | 1 | 5 | 2 | 42 | .34 | .030 | 28 | 34 | .31 | 101 | .03 | 3 | 2.25 | .01 | .04 | 1 | 1 |
| 161 | 1 | 27 | 27 | 84 | .5 | 47 | 17 | 611 | 4.87 | 15 | 5 | ND | 8 | 29 | 1 | 2 | 2 | 41 | .61 | .078 | 39 | 50 | .58 | 139 | .05 | 2 | 2.45 | .01 | .04 | 2 | 1 |
| 162 | 1 | 45 | 30 | 101 | .3 | 50 | 18 | 1045 | 5.20 | 14 | 5 | ND | 7 | 30 | 1 | 2 | 2 | 34 | .66 | .057 | 54 | 51 | .79 | 200 | .03 | 4 | 2.04 | .01 | .05 | 1 | 1 |
| 163 | 1 | 82 | 24 | 100 | .8 | 54 | 21 | 914 | 5.65 | 10 | 5 | ND | 4 | 24 | 1 | 2 | 2 | 43 | .41 | .062 | 36 | 51 | .68 | 284 | .03 | 2 | 2.57 | .01 | .09 | 1 | 5 |
| 164 | 1 | 23 | 18 | 74 | .3 | 27 | 10 | 160 | 4.38 | 9 | 5 | ND | 6 | 10 | 1 | 2 | 2 | 77 | .14 | .057 | 31 | 44 | .40 | 141 | .09 | 2 | 1.50 | .01 | .05 | 1 | 1 |
| 165 | 1 | 22 | 18 | 97 | .7 | 37 | 14 | 262 | 5.35 | 9 | 5 | ND | 8 | 9 | 1 | 2 | 2 | 37 | .11 | .051 | 33 | 38 | .64 | 101 | .02 | 2 | 2.09 | .01 | .05 | 1 | 3 |
| 166 | 1 | 42 | 28 | 122 | .1 | 61 | 20 | 712 | 5.30 | 15 | 5 | ND | 5 | 24 | 1 | 2 | 2 | 57 | .40 | .106 | 31 | 66 | .96 | 184 | .07 | 5 | 2.21 | .01 | .07 | 1 | 2 |
| 167 | 1 | 31 | 31 | 92 | .2 | 44 | 17 | 574 | 5.42 | 15 | 5 | ND | 5 | 27 | 1 | 2 | 2 | 56 | .35 | .081 | 26 | 50 | .68 | 163 | .06 | 2 | 1.92 | .01 | .04 | 1 | 2 |
| 168 | 1 | 29 | 37 | 69 | .2 | 49 | 17 | 603 | 5.33 | 16 | 5 | ND | 12 | 32 | 1 | 2 | 2 | 45 | .41 | .049 | 43 | 45 | .64 | 116 | .06 | 9 | 2.20 | .01 | .03 | 1 | 1 |
| 169 | 1 | 27 | 35 | 87 | .1 | 44 | 15 | 565 | 5.23 | 14 | 5 | ND | 7 | 91 | 1 | 2 | 2 | 29 | 1.06 | .102 | 57 | 31 | .52 | 126 | .02 | 2 | 2.11 | .01 | .03 | 1 | 1 |
| 170 | 1 | 16 | 19 | 113 | .2 | 35 | 13 | 219 | 5.80 | 10 | 5 | ND | 7 | 16 | 1 | 3 | 6 | 58 | .28 | .080 | 25 | 56 | .61 | 134 | .08 | 2 | 2.11 | .01 | .04 | 2 | 9 |
| 171 | 1 | 24 | 18 | 105 | .3 | 33 | 12 | 567 | 5.15 | 11 | 5 | ND | 6 | 17 | 1 | 4 | 2 | 51 | .26 | .066 | 29 | 44 | .43 | 161 | .05 | 2 | 2.42 | .01 | .04 | 1 | 1 |
| 172 | 1 | 17 | 17 | 101 | .3 | 33 | 12 | 230 | 4.92 | 7 | 5 | ND | 8 | 10 | 1 | 2 | 5 | 63 | .20 | .078 | 30 | 51 | .57 | 160 | .06 | 2 | 2.17 | .01 | .06 | 1 | 1 |
| 173 | 1 | 34 | 14 | 108 | .1 | 50 | 17 | 366 | 5.92 | 9 | 5 | ND | 9 | 7 | 1 | 2 | 2 | 40 | .10 | .048 | 35 | 48 | .83 | 154 | .03 | 2 | 2.19 | .01 | .05 | 1 | 2 |
| 174 | 1 | 25 | 22 | 91 | .1 | 38 | 15 | 232 | 7.28 | 13 | 5 | ND | 11 | 7 | 1 | 3 | 2 | 52 | .08 | .080 | 33 | 53 | .65 | 110 | .03 | 2 | 2.71 | .01 | .05 | 1 | 3 |
| 175 | 1 | 13 | 19 | 90 | .2 | 22 | 10 | 274 | 4.79 | 8 | 5 | ND | 5 | 10 | 1 | 2 | 2 | 46 | .21 | .079 | 23 | 36 | .40 | 139 | .04 | 2 | 1.79 | .01 | .05 | 1 | 4 |
| 176 | 1 | 12 | 17 | 78 | .3 | 24 | 9 | 210 | 4.34 | 6 | 5 | ND | 6 | 8 | 1 | 3 | 2 | 51 | .18 | .062 | 24 | 39 | .45 | 112 | .06 | 3 | 1.73 | .01 | .03 | 1 | 3 |
| 177 | 1 | 35 | 24 | 95 | .1 | 61 | 19 | 361 | 5.28 | 14 | 5 | ND | 6 | 22 | 1 | 3 | 2 | 67 | .35 | .068 | 27 | 70 | .90 | 201 | .06 | 2 | 2.58 | .01 | .06 | 1 | 1 |
| 178 | 1 | 42 | 18 | 105 | .2 | 71 | 19 | 299 | 5.51 | 9 | 5 | ND | 5 | 14 | 1 | 2 | 2 | 77 | .29 | .070 | 25 | 92 | 1.25 | 187 | .09 | 3 | 3.01 | .01 | .06 | 1 | 1 |
| 179 | 1 | 33 | 48 | 95 | .3 | 46 | 19 | 2923 | 8.44 | 21 | 5 | ND | 8 | 46 | 1 | 2 | 2 | 52 | .54 | .055 | 37 | 54 | .52 | 231 | .04 | 5 | 2.59 | .01 | .05 | 1 | 2 |
| 180 | 1 | 26 | 30 | 59 | .1 | 51 | 16 | 686 | 6.34 | 13 | 5 | ND | 9 | 35 | 1 | 3 | 2 | 55 | .41 | .051 | 38 | 53 | .47 | 115 | .05 | 2 | 3.10 | .01 | .03 | 1 | 2 |
| STD C/AU-S | 19 | 58 | 44 | 132 | 6.7 | 67 | 30 | 1019 | 4.09 | 44 | 16 | 7 | 38 | 49 | 19 | 15 | 23 | 59 | .49 | .093 | 39 | 56 | .89 | 171 | .06 | 36 | 1.97 | .06 | .13 | 12 | 48 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 181 | 1 | 22 | 21 | 102 | .1 | 46 | 14 | 230 | 4.91 | 10 | 5 | ND | 4 | 15 | 1 | 2 | 2 | 63 | .29 | .131 | 26 | 61 | .81 | 203 | .06 | 5 | 2.09 | .01 | .05 | 2 | 4 |
| 182 | 1 | 14 | 18 | 80 | .1 | 31 | 13 | 200 | 5.76 | 6 | 5 | ND | 6 | 13 | 1 | 2 | 2 | 59 | .25 | .042 | 28 | 50 | .52 | 164 | .04 | 2 | 2.23 | .01 | .05 | 1 | 15 |
| 183 | 1 | 26 | 18 | 89 | .3 | 48 | 18 | 327 | 4.83 | 10 | 5 | ND | 5 | 20 | 1 | 2 | 2 | 51 | .37 | .029 | 26 | 59 | .84 | 148 | .03 | 3 | 2.59 | .01 | .07 | 1 | 3 |
| 184 | 1 | 21 | 26 | 97 | .1 | 31 | 13 | 233 | 5.77 | 12 | 5 | ND | 5 | 11 | 1 | 2 | 2 | 50 | .18 | .064 | 24 | 43 | .46 | 214 | .02 | 2 | 2.23 | .01 | .07 | 1 | 3 |
| 185 | 1 | 38 | 18 | 145 | .2 | 51 | 20 | 1027 | 4.39 | 12 | 5 | ND | 2 | 67 | 1 | 3 | 2 | 37 | 1.05 | .122 | 24 | 47 | .76 | 152 | .03 | 4 | 1.68 | .01 | .06 | 1 | 2 |
| 186 | 1 | 18 | 20 | 126 | .2 | 41 | 14 | 527 | 4.28 | 6 | 5 | ND | 2 | 16 | 1 | 2 | 3 | 54 | .26 | .114 | 23 | 60 | .76 | 213 | .05 | 2 | 2.05 | .01 | .06 | 1 | 2 |
| 187 | 1 | 28 | 22 | 95 | .2 | 59 | 20 | 822 | 4.74 | 13 | 5 | ND | 5 | 29 | 1 | 2 | 2 | 57 | .38 | .044 | 25 | 72 | .91 | 221 | .05 | 2 | 2.58 | .01 | .05 | 1 | 2 |
| 188 | 1 | 18 | 28 | 80 | .1 | 47 | 17 | 239 | 5.25 | 10 | 5 | ND | 6 | 12 | 1 | 2 | 2 | 43 | .16 | .044 | 20 | 44 | .43 | 168 | .04 | 6 | 2.90 | .01 | .03 | 1 | 2 |
| 189 | 1 | 16 | 16 | 64 | .1 | 29 | 12 | 218 | 5.47 | 6 | 5 | ND | 5 | 11 | 1 | 2 | 2 | 50 | .17 | .050 | 18 | 41 | .43 | 153 | .04 | 2 | 2.29 | .01 | .02 | 3 | 1 |
| 190 | 1 | 58 | 16 | 127 | .2 | 72 | 23 | 721 | 4.69 | 15 | 5 | ND | 5 | 46 | 1 | 2 | 2 | 52 | 1.36 | .089 | 24 | 69 | 1.42 | 193 | .08 | 5 | 2.02 | .01 | .09 | 1 | 1 |
| 191 | 1 | 27 | 20 | 94 | .3 | 45 | 14 | 266 | 4.44 | 11 | 5 | ND | 2 | 14 | 1 | 2 | 2 | 59 | .33 | .095 | 24 | 58 | .76 | 177 | .07 | 5 | 1.71 | .01 | .07 | 1 | 1 |
| 192 | 1 | 46 | 22 | 113 | .4 | 66 | 20 | 557 | 4.74 | 11 | 5 | ND | 5 | 24 | 1 | 2 | 2 | 42 | .42 | .077 | 32 | 58 | .94 | 183 | .04 | 4 | 2.12 | .01 | .10 | 1 | 2 |
| 193 | 1 | 26 | 20 | 94 | .3 | 39 | 15 | 326 | 4.50 | 9 | 5 | ND | 6 | 13 | 1 | 3 | 2 | 46 | .22 | .051 | 31 | 45 | .64 | 191 | .02 | 5 | 2.17 | .01 | .06 | 1 | 1 |
| 194 | 1 | 36 | 23 | 98 | .2 | 53 | 19 | 751 | 4.15 | 10 | 5 | ND | 5 | 37 | 1 | 2 | 3 | 40 | .80 | .103 | 28 | 47 | .95 | 133 | .07 | 2 | 1.56 | .01 | .05 | 1 | 1 |
| 195 | 1 | 40 | 18 | 108 | .1 | 56 | 19 | 585 | 4.22 | 9 | 5 | ND | 4 | 74 | 1 | 2 | 2 | 41 | 1.71 | .109 | 24 | 51 | 1.12 | 141 | .07 | 7 | 1.58 | .01 | .06 | 1 | 9 |
| 196 | 1 | 30 | 26 | 102 | .4 | 54 | 18 | 348 | 4.90 | 10 | 5 | ND | 6 | 29 | 1 | 2 | 2 | 48 | .45 | .054 | 28 | 56 | .85 | 172 | .03 | 2 | 2.29 | .01 | .07 | 1 | 2 |
| 197 | 1 | 52 | 16 | 112 | .3 | 63 | 22 | 714 | 4.81 | 12 | 5 | ND | 8 | 40 | 1 | 3 | 2 | 45 | 1.01 | .084 | 29 | 55 | 1.13 | 202 | .06 | 7 | 2.18 | .01 | .13 | 1 | 3 |
| 198 | 1 | 36 | 20 | 95 | .2 | 51 | 16 | 336 | 4.83 | 13 | 5 | ND | 7 | 14 | 1 | 2 | 2 | 42 | .23 | .066 | 36 | 48 | .75 | 141 | .04 | 6 | 1.78 | .01 | .05 | 1 | 1 |
| 199 | 1 | 30 | 23 | 98 | .1 | 61 | 19 | 256 | 5.28 | 11 | 5 | ND | 9 | 15 | 1 | 2 | 2 | 38 | .19 | .060 | 30 | 49 | .68 | 140 | .02 | 6 | 2.55 | .01 | .05 | 1 | 2 |
| 200 | 1 | 38 | 21 | 135 | .2 | 47 | 20 | 564 | 5.23 | 10 | 5 | ND | 3 | 27 | 1 | 2 | 3 | 43 | .34 | .098 | 23 | 51 | .76 | 219 | .02 | 6 | 2.28 | .01 | .07 | 1 | 1 |
| 201 | 1 | 44 | 40 | 100 | .5 | 44 | 18 | 481 | 5.24 | 8 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 39 | .61 | .078 | 30 | 44 | .54 | 225 | .02 | 2 | 2.44 | .01 | .06 | 1 | 12 |
| 202 | 1 | 36 | 24 | 102 | .4 | 48 | 17 | 367 | 5.16 | 11 | 5 | ND | 3 | 16 | 1 | 3 | 2 | 40 | .24 | .057 | 28 | 51 | .72 | 132 | .03 | 5 | 2.37 | .01 | .05 | 1 | 3 |
| 203 | 2 | 35 | 22 | 104 | .5 | 32 | 19 | 1164 | 5.89 | 12 | 8 | ND | 3 | 62 | 1 | 3 | 2 | 35 | .78 | .074 | 23 | 36 | .44 | 236 | .01 | 4 | 2.34 | .01 | .06 | 1 | 1 |
| 204 | 1 | 19 | 15 | 109 | .1 | 31 | 14 | 860 | 3.66 | 8 | 5 | ND | 1 | 17 | 1 | 2 | 4 | 39 | .29 | .081 | 24 | 38 | .47 | 296 | .02 | 4 | 1.33 | .01 | .06 | 1 | 3 |
| 205 | 1 | 7 | 12 | 57 | .1 | 21 | 7 | 234 | 2.55 | 2 | 5 | ND | 3 | 9 | 1 | 2 | 2 | 34 | .14 | .080 | 34 | 31 | .42 | 128 | .03 | 2 | 1.32 | .01 | .05 | 1 | 2 |
| 206 | 1 | 40 | 23 | 104 | .1 | 50 | 19 | 482 | 4.95 | 13 | 5 | ND | 6 | 26 | 1 | 4 | 2 | 44 | .30 | .078 | 31 | 49 | .77 | 169 | .03 | 2 | 2.15 | .01 | .05 | 2 | 1 |
| 207 | 1 | 21 | 16 | 86 | .3 | 34 | 13 | 225 | 5.22 | 14 | 5 | ND | 5 | 23 | 1 | 2 | 3 | 49 | .29 | .071 | 23 | 46 | .50 | 181 | .05 | 3 | 1.88 | .01 | .04 | 1 | 2 |
| 208 | 1 | 43 | 28 | 92 | .1 | 57 | 20 | 745 | 5.06 | 11 | 5 | ND | 7 | 37 | 1 | 2 | 2 | 39 | .45 | .074 | 43 | 43 | .70 | 150 | .04 | 2 | 1.90 | .01 | .05 | 1 | 1 |
| 209 | 1 | 34 | 29 | 55 | .1 | 39 | 18 | 1195 | 7.59 | 12 | 5 | ND | 11 | 49 | 1 | 2 | 2 | 30 | .54 | .055 | 52 | 30 | .40 | 70 | .03 | 3 | 1.92 | .01 | .03 | 1 | 2 |
| 210 | 1 | 17 | 18 | 72 | .3 | 27 | 10 | 198 | 4.24 | 6 | 5 | ND | 4 | 24 | 1 | 3 | 5 | 37 | .34 | .033 | 26 | 36 | .58 | 132 | .02 | 5 | 1.72 | .01 | .04 | 2 | 2 |
| 211 | 1 | 10 | 13 | 80 | .1 | 21 | 10 | 184 | 4.95 | 3 | 5 | ND | 6 | 4 | 1 | 2 | 3 | 40 | .06 | .063 | 31 | 30 | .45 | 89 | .03 | 6 | 1.63 | .01 | .03 | 1 | 3 |
| 212 | 1 | 34 | 26 | 98 | .3 | 32 | 19 | 626 | 5.15 | 7 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 37 | .37 | .057 | 26 | 38 | .45 | 172 | .02 | 2 | 1.94 | .01 | .06 | 1 | 7 |
| 213 | 1 | 22 | 19 | 122 | .3 | 47 | 15 | 261 | 4.90 | 11 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 44 | .24 | .090 | 28 | 55 | .75 | 169 | .03 | 5 | 2.18 | .01 | .06 | 1 | 1 |
| 214 | 1 | 13 | 21 | 70 | .2 | 26 | 10 | 220 | 3.62 | 6 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 37 | .35 | .052 | 22 | 33 | .42 | 106 | .03 | 2 | 1.61 | .01 | .04 | 1 | 2 |
| 215 | 1 | 14 | 27 | 88 | .2 | 26 | 12 | 359 | 4.94 | 9 | 5 | ND | 6 | 15 | 1 | 2 | 2 | 40 | .21 | .077 | 22 | 35 | .32 | 158 | .03 | 3 | 2.30 | .01 | .03 | 1 | 1 |
| 216 | 1 | 14 | 25 | 113 | .2 | 24 | 11 | 214 | 4.66 | 11 | 5 | ND | 5 | 19 | 1 | 2 | 3 | 51 | .30 | .049 | 22 | 34 | .38 | 181 | .03 | 2 | 1.67 | .01 | .03 | 1 | 3 |
| STD C/AU-S | 18 | 58 | 42 | 132 | 6.8 | 67 | 31 | 951 | 4.05 | 44 | 18 | 7 | 38 | 48 | 18 | 16 | 23 | 59 | .49 | .093 | 39 | 56 | .89 | 175 | .06 | 35 | 1.95 | .06 | .13 | 12 | 48 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 217 | 1 | 29 | 27 | 76 | .1 | 47 | 18 | 574 | 5.66 | 10 | 5 | ND | 7 | 15 | 1 | 2 | 2 | 41 | .26 | .065 | 24 | 43 | .56 | 142 | .04 | 2 | 2.22 | .01 | .04 | 1 | 6 |
| 218 | 1 | 19 | 27 | 51 | .1 | 31 | 16 | 361 | 5.40 | 8 | 5 | ND | 11 | 22 | 1 | 2 | 2 | 31 | .22 | .031 | 32 | 31 | .38 | 81 | .02 | 2 | 1.91 | .01 | .03 | 1 | 3 |
| 219 | 1 | 12 | 15 | 65 | .1 | 27 | 11 | 237 | 4.30 | 5 | 5 | ND | 5 | 18 | 1 | 2 | 2 | 44 | .23 | .023 | 23 | 39 | .46 | 117 | .02 | 2 | 2.13 | .01 | .04 | 1 | 4 |
| 220 | 1 | 21 | 8 | 98 | .1 | 31 | 13 | 352 | 5.39 | 2 | 5 | ND | 5 | 7 | 1 | 2 | 2 | 37 | .08 | .033 | 20 | 36 | .59 | 96 | .02 | 2 | 2.06 | .01 | .04 | 1 | 2 |
| 221 | 1 | 18 | 13 | 89 | .1 | 25 | 11 | 287 | 4.23 | 5 | 5 | ND | 7 | 11 | 1 | 2 | 2 | 42 | .15 | .056 | 30 | 34 | .45 | 137 | .03 | 2 | 1.64 | .01 | .05 | 1 | 3 |
| 222 | 1 | 39 | 28 | 99 | .6 | 45 | 20 | 601 | 4.79 | 10 | 8 | ND | 4 | 64 | 1 | 2 | 2 | 27 | .86 | .082 | 21 | 31 | .54 | 95 | .01 | 2 | 1.95 | .01 | .05 | 1 | 4 |
| 223 | 1 | 18 | 16 | 116 | .3 | 33 | 13 | 533 | 4.28 | 5 | 5 | ND | 4 | 40 | 1 | 2 | 2 | 39 | .72 | .069 | 24 | 46 | .55 | 146 | .04 | 4 | 2.04 | .01 | .04 | 1 | 4 |
| 224 | 1 | 32 | 20 | 84 | .4 | 34 | 15 | 1238 | 4.04 | 12 | 5 | ND | 2 | 113 | 1 | 2 | 2 | 31 | 2.12 | .084 | 22 | 32 | .54 | 135 | .03 | 2 | 1.49 | .01 | .04 | 1 | 5 |
| 225 | 1 | 21 | 26 | 77 | .2 | 41 | 19 | 509 | 5.95 | 12 | 5 | ND | 7 | 34 | 1 | 2 | 3 | 47 | .50 | .094 | 30 | 49 | .47 | 134 | .04 | 2 | 3.06 | .01 | .03 | 2 | 3 |
| 226 | 1 | 23 | 27 | 62 | .5 | 41 | 17 | 643 | 5.38 | 11 | 5 | ND | 8 | 19 | 1 | 2 | 2 | 46 | .33 | .055 | 33 | 43 | .50 | 130 | .05 | 2 | 2.53 | .01 | .03 | 1 | 3 |
| 227 | 1 | 17 | 15 | 55 | .2 | 29 | 11 | 187 | 4.06 | 9 | 5 | ND | 8 | 9 | 1 | 2 | 2 | 44 | .13 | .033 | 26 | 35 | .45 | 125 | .03 | 2 | 1.79 | .01 | .03 | 1 | 5 |
| 228 | 1 | 21 | 50 | 135 | .2 | 49 | 19 | 779 | 5.84 | 12 | 5 | ND | 7 | 16 | 1 | 2 | 2 | 36 | .30 | .063 | 21 | 44 | .52 | 140 | .03 | 2 | 2.85 | .01 | .04 | 1 | 5 |
| 229 | 1 | 30 | 48 | 143 | .3 | 58 | 18 | 976 | 4.86 | 5 | 5 | ND | 4 | 70 | 1 | 2 | 2 | 36 | 1.26 | .120 | 23 | 49 | .56 | 175 | .02 | 2 | 3.27 | .01 | .06 | 1 | 3 |
| 230 | 1 | 15 | 20 | 85 | .3 | 22 | 11 | 250 | 4.66 | 5 | 5 | ND | 7 | 14 | 1 | 2 | 2 | 38 | .17 | .038 | 34 | 23 | .22 | 80 | .02 | 2 | 1.34 | .01 | .04 | 1 | 4 |
| 231 | 1 | 28 | 17 | 74 | .3 | 33 | 13 | 1636 | 3.77 | 9 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 36 | 1.05 | .066 | 20 | 47 | .48 | 189 | .03 | 2 | 1.70 | .01 | .04 | 1 | 4 |
| 232 | 1 | 16 | 19 | 63 | .1 | 25 | 11 | 567 | 5.32 | 10 | 5 | ND | 5 | 19 | 1 | 2 | 2 | 59 | .37 | .075 | 21 | 38 | .39 | 153 | .05 | 2 | 2.02 | .01 | .04 | 1 | 3 |
| 233 | 1 | 14 | 12 | 52 | .3 | 23 | 11 | 272 | 4.38 | 9 | 5 | ND | 7 | 12 | 1 | 2 | 2 | 63 | .18 | .034 | 25 | 36 | .36 | 168 | .05 | 2 | 1.60 | .01 | .04 | 1 | 4 |
| 234 | 2 | 18 | 15 | 85 | .3 | 34 | 13 | 205 | 5.65 | 7 | 5 | ND | 7 | 10 | 1 | 2 | 4 | 61 | .18 | .059 | 25 | 51 | .58 | 134 | .08 | 2 | 2.13 | .01 | .05 | 1 | 3 |
| 235 | 1 | 22 | 9 | 85 | .1 | 42 | 14 | 305 | 5.59 | 10 | 5 | ND | 5 | 11 | 1 | 2 | 2 | 54 | .16 | .069 | 23 | 48 | .49 | 132 | .03 | 2 | 1.86 | .01 | .04 | 1 | 5 |
| 236 | 1 | 21 | 10 | 64 | .3 | 21 | 12 | 205 | 4.44 | 5 | 5 | ND | 9 | 6 | 1 | 3 | 2 | 33 | .07 | .024 | 37 | 24 | .29 | 91 | .01 | 2 | 1.51 | .01 | .04 | 1 | 7 |
| 237 | 1 | 26 | 32 | 100 | .4 | 32 | 14 | 265 | 4.95 | 6 | 5 | ND | 9 | 38 | 1 | 2 | 2 | 37 | .36 | .030 | 33 | 32 | .52 | 112 | .01 | 2 | 2.02 | .01 | .05 | 1 | 4 |
| STD C/AU-S | 18 | 57 | 38 | 133 | 6.6 | 67 | 31 | 955 | 4.11 | 39 | 17 | 7 | 38 | 49 | 18 | 15 | 19 | 59 | .49 | .093 | 39 | 56 | .89 | 175 | .06 | 32 | 1.99 | .06 | .14 | 13 | 47 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WRK-001 | 9 | 2872 | 13 | 61 | 5.5 | 48 | 72 | 3030 | 22.43 | 74 | 5 | ND | 2 | 73 | 1 | 2 | 11 | 2 | 1.42 | .097 | 2 | 7 | .59 | 2 | .01 | 2 | .22 | .02 | .01 | 1 | 70 |
| WRK-002 | 3 | 4788 | 22 | 93 | 6.5 | 85 | 86 | 4979 | 29.43 | 137 | 6 | ND | 1 | 45 | 2 | 3 | 2 | 2 | .87 | .013 | 2 | 7 | .74 | 6 | .01 | 6 | .15 | .02 | .01 | 1 | 56 |
| WRK-003 | 4 | 533 | 5 | 24 | 1.3 | 18 | 14 | 972 | 5.47 | 52 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 1 | .56 | .031 | 2 | 8 | .19 | 3 | .01 | 10 | .09 | .03 | .01 | 1 | 12 |
| VRK-001 | 1 | 368 | 14 | 58 | 1.0 | 22 | 34 | 7913 | 12.21 | 30 | 19 | ND | 3 | 365 | 3 | 2 | 4 | 2 | 14.86 | .099 | 3 | 3 | 2.16 | 47 | .01 | 2 | .11 | .01 | .03 | 1 | 34 |

# ACME ANALYTICAL LABORATORIES LTD.

PHONE: [illegible]3-3158 852 East Hastings St., Vancouver, B.C. [illegible]A 1R6

File: 89-5024

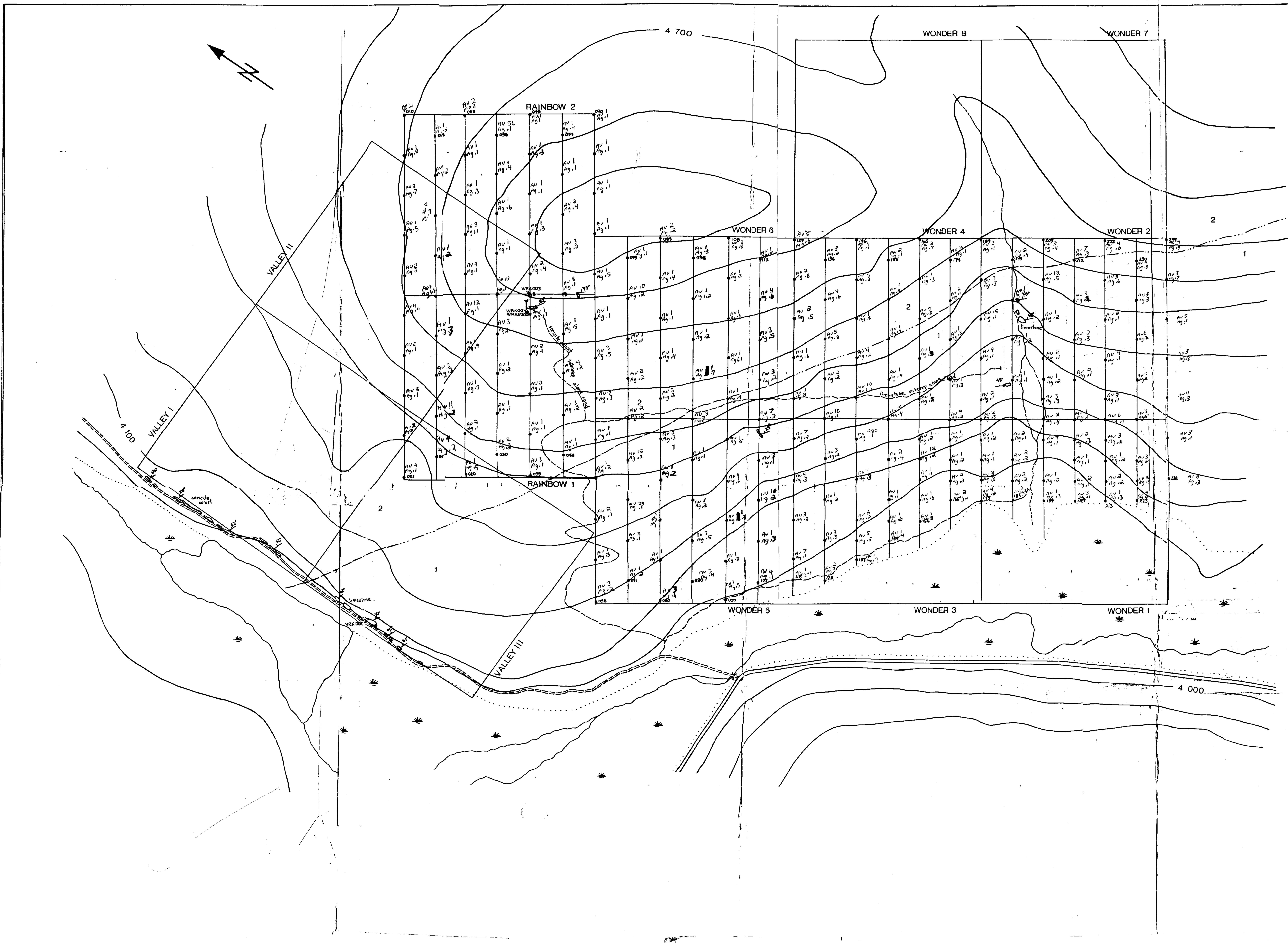
Date: Dec 13 1989

MARK HEINZELMAN
BOX 4161
QUESNEL, BC
V2J 3J2

TERMS:
NET TWO WEEKS -
1½% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

| NUMBER | ASSAY | PRICE | AMOUNT |
|---|---|---|---|
| 241 | SPECIAL PRICE - 30 ELEMENT ICP ANALYSIS @ | 3.25 | 783.25 |
| 241 | GEOCHEM AU ANALYSIS BY ACID LEACH (10 gm) @ | 4.50 | 1084.50 |
| 237 | SOIL SAMPLE PREPARATION @ | 0.85 | 201.45 |
| 4 | ROCK SAMPLE PREPARATION @ | 3.00 | 12.00 |
| | TOTAL | | 2081.20 |
| | (TEL: 747-1405) | | |

PLEASE PAY LAST AMOUNT




LEGEND

PRECAMBRIAN

2 — PLEASANT VALLEY FORMATION: slate, sericite schist, argillite, quartzite

1 — BARKERVILLE FORMATION: limestone, argillite, quartzite, sericite schist

Geological boundary (approximate)

Geological boundary (assumed)

Bedding (inclined)

Outcrop (enclosed)

Portal of adit (shut in)

Paved road

Gravel road

Trail

Marsh

Contours (feet) 4 000

GEOCHEMICAL RESULTS

AU - PPB ANALYSIS By ACID LEACH AA From 10 Gm sample

Ag - PPM I.C.P. - .500 Gm sample

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,815

(1)

Fig 3

| GEOLOGY & SAMPLE LOCATION | | |
|---|---|---|
| SCALE: 1:4,000 | 0 40 80 m | DRAWN BY: T.L.D. |
| DATE: Oct./1989 | | |