

GEOLOGICAL & GEOCHEMICAL REPORT

on the

ANKY 1-32 CLAIMS

Watson Lake Mining District

NTS: 105 J/2

Latitude: 62 08'N

Longitude: 130 40'W



CONFIDENTIAL

092845



Regional Manager, Exploration and  
Commissioner for Yukon Territory  
092845

Owner: Noranda Exploration Co. Ltd.  
(no personal liability)

Authors: K.D. Galambos

## SUMMARY

The property was found through a research of existing public data and the Anky claims were staked to cover the copper-silver porphyry, 95km east of Ross River, in hopes that an area of gold enrichment would be found. The 1989 work program consisted of sampling 22.6km of flag line with 329 soil samples. A total of 94.25m of hand trenching were dug and sampled. Fifty trench (chip) samples and 23 core samples were collected. The remaining 27 chip and grab samples were taken from various parts of the property.

Results were generally disappointing with the highest gold value being 760 ppb in a grab sample. Silver values were closely associated with galena with the best result being 252g Ag/tonne and 1.26% Pb from a grab sample.

It is recommended that any further work on the Anky property should be targeted on the porphyry Cu-Ag mineralization. This should involve further resampling of existing trenches to confirm the grade of mineralization, calculated at between .44 and 1.21% Cu over a width of up to 25m (Atlas Exploration figures). Depending on these results a short diamond drilling or reverse circulation drilling program to test the vertical extent of the mineralization should be completed. A reconnaissance program should be targeted in the area to search for gold enriched zones surrounding these intrusive bodies.

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## CHAPTER ONE: INTRODUCTION

### 1-1: Introductory Statement

In the spring of 1989 Noranda staked the Anky 1-32 claims to cover an old Cu-Ag porphyry deposit 95 km east of Ross River. Previous work indicated that gold analysis were not done on the property where a metalliferous stock intrudes a thrust faulted sequence of carbonaceous sediments and limestone. (similar environment to Carlin-type gold deposits.) In July of 1989 Noranda conducted geological and geochemical surveys as well as resampled old trenches and drill core in order to test both the porphyry and bulk tonnage sediment hosted potential of the property.

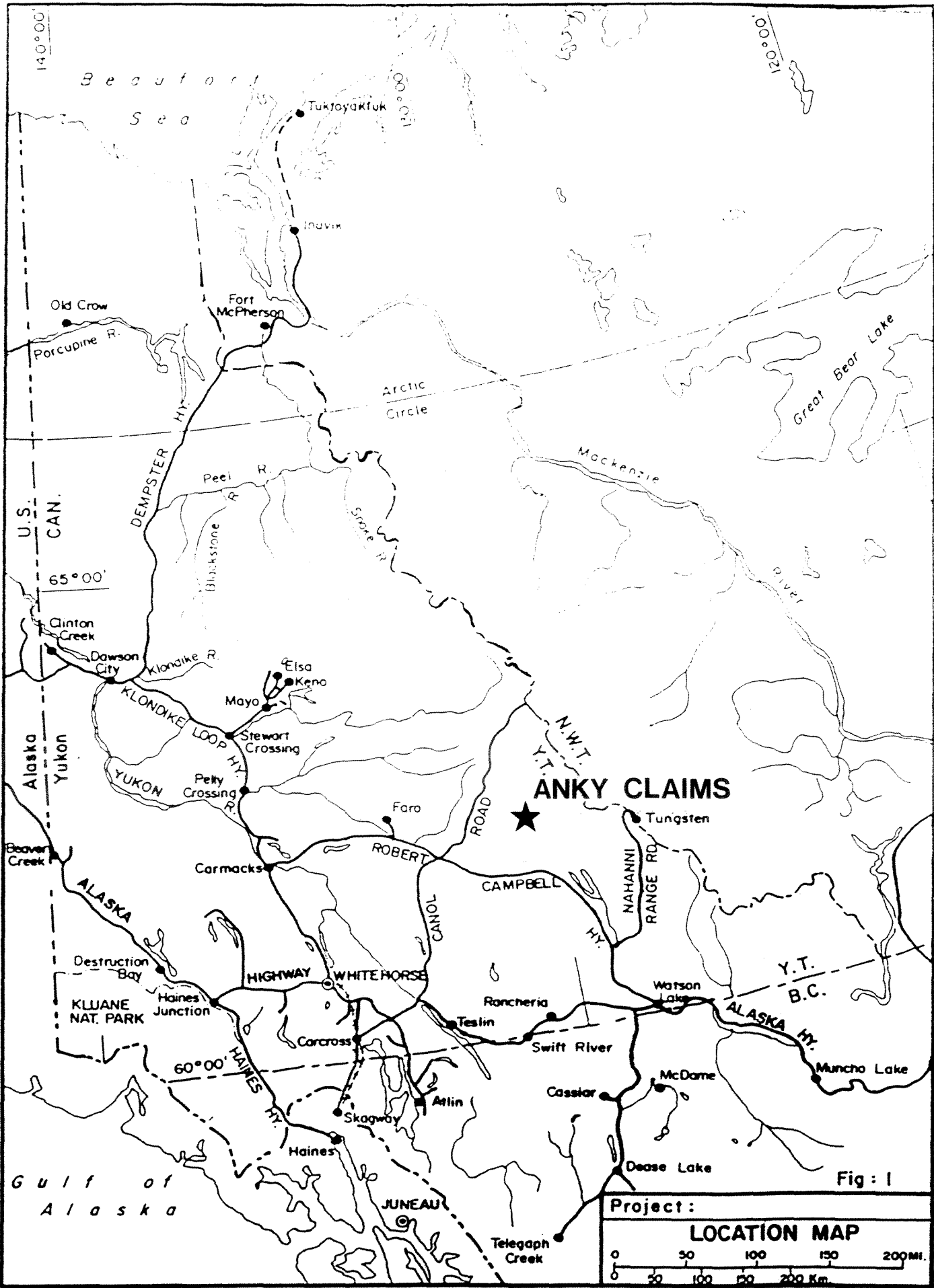
This report discusses the results of the 1989 work program.

### 1-2: Location and Access

The property is located (Lat. 62 08'N, Long. 130 40'W, NTS 105J/2) on the shores of Pike and Lily Lakes, 95 km east of Ross River. The claim block is equidistant (50 km) from both the Robert Campbell Highway and the North Canal Road. A winter tote road exists from the property to the Robert Campbell Highway; however, present access is via float plane from Finlayson Lake.

### 1-3: Physiography & Vegetation

The property is situated in an area marked by poorly drained rolling lowlands, underlain by outcrop, thin glacial cover, swamps and lakes. The claims lie in a shallow



**ANKY CLAIMS**



Fig: 1

Project:

**LOCATION MAP**

0 50 100 150 200 MI.

0 50 100 150 200 Km.

VANCAL 11828

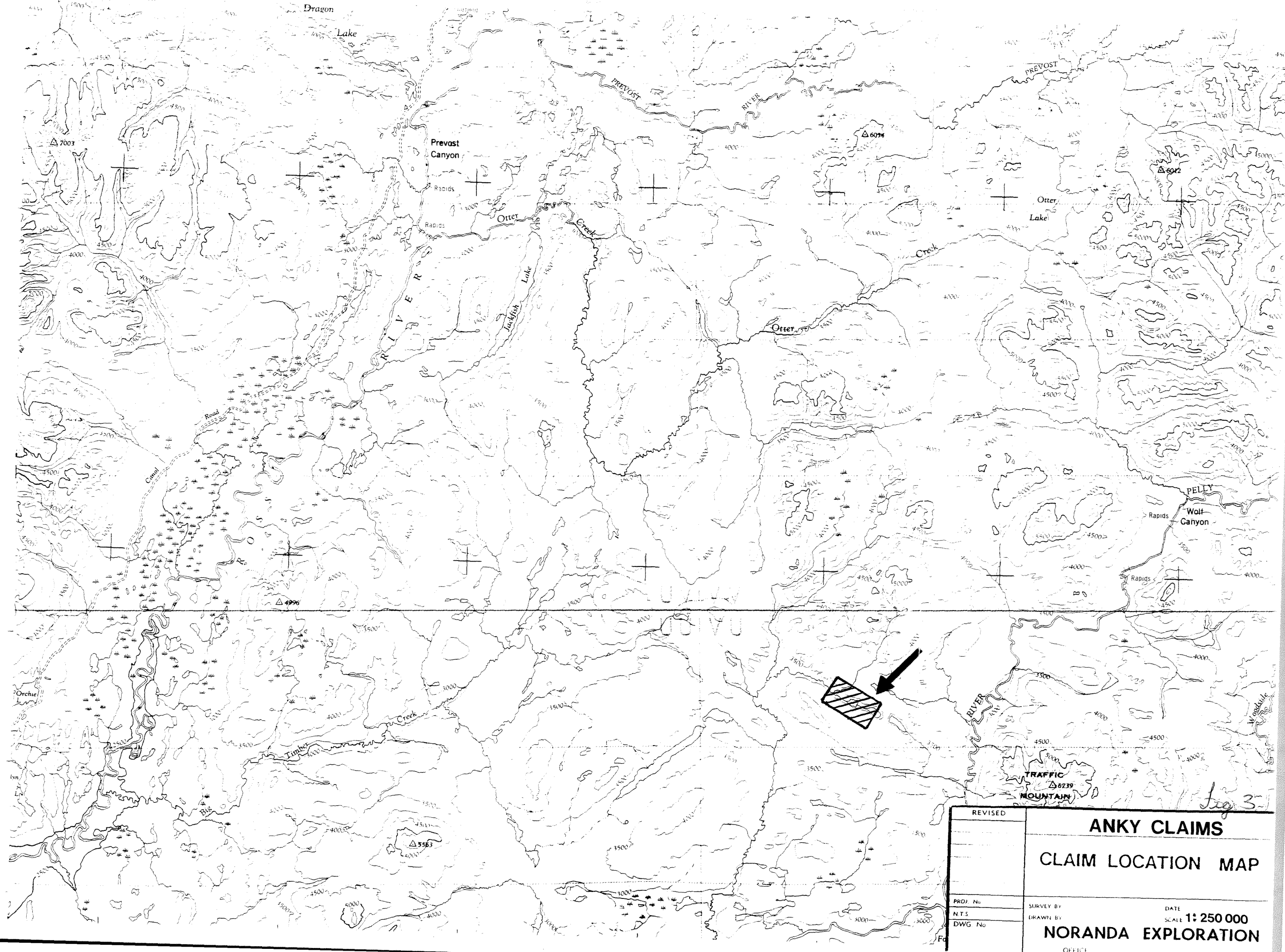


Fig 3

|          |                            |                  |
|----------|----------------------------|------------------|
| REVISED  | <b>ANKY CLAIMS</b>         |                  |
|          | <b>CLAIM LOCATION MAP</b>  |                  |
| PROJ. No | SURVEY BY                  | DATE             |
| N.T.S.   | DRAWN BY                   | SCALE 1: 250 000 |
| DWG No   | <b>NORANDA EXPLORATION</b> |                  |
|          | OFFICE                     |                  |



northwesterly trending valley floored by two 1/2 km long lakes and swamps 1,020m and flanked by densely forested hills where topography reaches a maximum of only 1,060m.

1-4: History of Claims

| <u>Claim</u> | <u>Record No.</u> | <u>Staking Date</u> | <u>Record Date</u> |
|--------------|-------------------|---------------------|--------------------|
| Anky 1-32    | YB15618-649       | February 19, 1989   | March 3, 1989      |

Upon acceptance of this report the Anky 1-32 claims will remain in good standing until March 3, 1995.

1-5: Previous Exploration

Exploration in the Pike Lake area was first initiated by a discovery of Cu-Ag porphyry mineralization assaying up to 20 ounces/ton Ag. An airborne magnetic and electromagnetic survey, contracted by Lockwood Survey Corporation in 1966, was flown over the Pike Lake Area. Follow-up geochemical silt sampling and prospecting of magnetic anomalies prompted the staking of the Pike Claims (now the Anky) by Atlas Explorations Limited in 1966. In 1967 ground magnetometer, electromagnetic, I.P. geochemical and geological surveys were conducted over the claims. Bulldozer trenching was later done over anomalous zones which exposed a mineralized zone 187m in length and 14m wide averaging 0.61% copper and 2.44 oz/ton Ag.

The property was transferred to Cima Resources in 1974 who paid cash in lieu of assessment work until 1977. Cima Resources later conducted modest trenching programs on the western edge of

the property in 1977 and finally drilled 3 short winky holes (280m) in 1981. The best results from drilling were 1.06% Cu and 3.30 ounces/ton Ag over 5m.

#### 1-6 Work Program

In July of 1989 a geochemical survey, prospecting and resampling of old trenches and drill core were conducted on the property. A four person Noranda crew placed 22.6 km of flagged line and collected a total of 329 soil samples and 100 rock samples.

Noranda personnel involved in the program include:

|                  |                   |                  |
|------------------|-------------------|------------------|
| Ken Galambos     | Project Geologist | Whitehorse, Y.T. |
| Gernot Wober     | Field Assistant   | Vancouver, B.C.  |
| Michael Muirhead | " "               | " "              |
| Rod Young        | " "               | " "              |

## CHAPTER TWO: GEOLOGY

### 2-1: Regional Geology

The property lies within a major northwesterly striking wrench fault zone (Traffic Mountain Fault) 80 km northeast and parallel to the Tintina Trench. The geology primarily consists of a thrust fault bounded succession of tightly folded Precambrian and early Paleozoic quartzites, cherts, slates and limestone which have been intruded by granitic plutons of Cretaceous age. Small scattered remnant outcrops of Tertiary andesites and basalts are also common in the area.

### 2-2: Property Geology

The majority of the claims are covered by swamps and lakes; therefore outcrop is relatively scarce (<5%) and confined to a low lying northwesterly trending ridge on the northern part of the claim block. The property is primarily underlain by a siliceous light grey biotite granite porphyry dyke which intrudes early Paleozoic, slates, cherts and minor limestone.

The intrusive has a width between 5-150m and a length over 3 km striking approximately 110 degrees. The position of the intrusive may be structurally controlled since the intrusion has a strike parallel to the Traffic Mountain fracture system. The granite contains irregular alteration zones that roughly parallel dyke contacts. Alteration minerals consist of quartz, chlorite, clay-sericite and biotite. Minor amounts of calc-silicate alteration (tremolite-actinolite) also occur near

limestone-intrusive contacts.

## CHAPTER THREE: GEOCHEMISTRY

### 3-1: Soil Geochemistry

The soil grid was placed on the northern half of the claim block where drier "B" horizon soils predominated. Soil samples were not collected in areas of swampy ground, where the "B" horizon was undeveloped.

A total of 329 soil samples were taken in 50m intervals on 200m spaced lines. All samples were prepared and analyzed by Acme Analytical Laboratories of Vancouver, using their 31 element I.C.P. package.

Sampling failed to produce any significant gold anomalies. Copper in soil is somewhat erratic but higher values do correspond to areas of known mineralization. Arsenic and silver show good correlation with the intrusive.

### 3-2: Rock Geochemistry

A total of 100 rock samples were taken on the property. Twenty-three of the samples were of old drill core from drilling done by Cima Resources Ltd. in 1981. Fifty chip samples were taken from hand trenches dug by Noranda while the remaining 27 samples were chip and grab samples taken from other areas of the property. All rock samples were prepared and analyzed by Acme analytical Laboratories Ltd. of Vancouver, using their 31 element I.C.P. package.

Most samples were taken from the siliceous mineralized intrusive which returned values up to 1.16% Copper, 3.6% Zinc,

2.4% Lead and 7.35 ounces Ag. Gold values were relatively disappointing reaching a maximum of only 760 ppb in a grab sample. It should be noted that the core sampled was that which was left on site and does not include the better intersections which were sampled in Cima's 1981 program.

#### CHAPTER FOUR: TRENCHING

Trenching completed by Atlas Exploration in the 1970s tended to be perpendicular to the strike of the dyke(s) in the area while hand trenches dug by Noranda personnel were dug across a number of these old cat trenches and were targeted on the narrow but numerous arsenopyrite veinlets which generally crosscut the granitic intrusive. These hand trenches consisted of shoveling to bedrock in areas cleared in the original trenching program and followed areas of thinnest overburden. A trend perpendicular to the arsenopyrite veinlets was loosely followed. The samples were generally 2m in length in the main trenching area with the odd 3m sample. Elsewhere the samples ranged between .5m and 2m in length. Fifty trench (chip) samples were taken on the property.

## CHAPTER FIVE: MINERALIZATION

Mineralization on the property is predominantly of the porphyry copper type with an unusual mineral assemblage of arsenopyrite, pyrrhotite, pyrite, chalcopyrite, tetrahedrite and minor bornite, easlatite, sphalerite and galena. Arsenopyrite is the most common mineral, occurring both as disseminations and as narrow veinlets generally perpendicular to the strike of the intrusive body. There are minor areas of brecciation with the matrix being composed of mostly arsenopyrite.

The small veinlets of massive sulphide were the focus of the 1989 hand trenching and sampling programs. Values in the trench sampling generally ranged between .5 and 10% As. Unfortunately, these veinlets did not carry significant quantities of gold, the best value being 760 ppb. Any silver values discovered was closely associated with galena, the best value being 252g Ag/tonne with 1.26% Pb from a grab sample. Copper values tended to be below 1% in the 1989 sampling with one exception of 1.16% Cu over 3.05m in drill hole PZ-1. It should be noted that all of the reported mineralized intersections from the drilling had been removed from the property and it is only the remaining material which was sampled in the 1989 program.


## CHAPTER SIX: CONCLUSIONS AND RECOMMENDATIONS

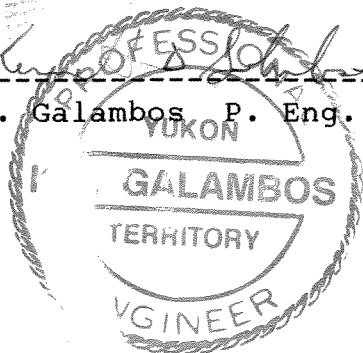
The 1989 program was aimed at locating economic gold mineralization in a known copper-silver porphyry. The program involved resampling of grid soils using an existing baseline and sampling 50m intervals on lines spaced 200m apart. Areas of exposed mineralization in old trenches were resampled with an emphasis on arsenopyrite veinlets which were generally perpendicular to the strike of the granitic intrusive(s).

Results were generally disappointing with the highest gold value being 760 ppb in a grab sample. Silver values were closely associated with galena with the best result being 252g Ag/tonne and 1.26% Pb from a grab sample.

It is recommended that any further work on the Anky property should be targeted on the porphyry Cu-Ag mineralization. This should involve further resampling of existing trenches to confirm the grade of mineralization, calculated at between .44 and 1.21% Cu over a width of up to 25m (Atlas Exploration figures). Depending on these results a short diamond drilling or reverse circulation drilling program to test the vertical extent of the mineralization. A reconnaissance program should be targeted in the area to search for gold enriched zones surrounding these intrusive bodies.

Respectfully submitted by:

  
-----  
K. D. Galambos, P. Eng.



## SELECTED REFERENCES

- J.S. Brock      Compilation Report on the Pike Mineral Group,  
Traffic Mountain Area; October, 1971
- Hugh Copland    Project Proposed on the Traffic Mountain Property  
(Anky 1-32 claims); June, 1989
- Clyde L. Smith   Bulldozer Trenching, Engineering Evaluation, and  
Diamond Drilling on the Pike Mineral Claim Group;  
April, 1967
- Clyde L. Smith   Geochemical Soil Sampling Surveys on the Pike  
Mineral Claim Group, Traffic Mountain area;  
June, 1967
- W.S. Read        Proposed Exploration Program, Pike and Mica  
Properties; January, 1979

## STATEMENT OF COSTS

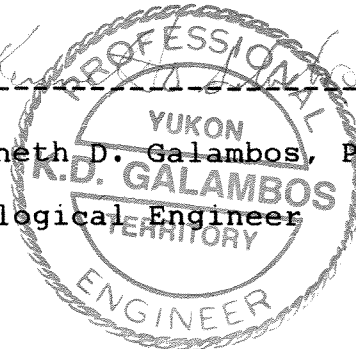
|                               |                             |          |
|-------------------------------|-----------------------------|----------|
| LABOUR:                       | 40 Person days at \$150/day | \$6600.  |
| SUPPLIES & LODGING:           | 44 days at \$50/day         | 2200.    |
| TRANSPORTATION:               | ground (fuel and rental)    | 500.     |
|                               | air                         | 1825     |
| GEOCHEM ANALYSIS:             | Soils 331 x \$15/sample     | 4965.    |
|                               | Rocks 100 x \$20/sample     | 2000.    |
| REPORT WRITING, DRAFTING ETC. |                             | 800.     |
|                               |                             | -----    |
|                               |                             | \$18890. |

STATEMENT OF QUALIFICATION

I, Kenneth D. Galambos, do hereby certify that:

- 1) I am a Geological Engineer residing at Mile 6.5 of Mayo Rd. Yukon Territory.
- 2) I am a graduate of the University of Saskatchewan with a B.E. in Geological Engineering.
- 3) I have practised my profession for the past nine years primarily in the Northern Cordillera.
- 4) I supervised and participated in field work done on the claims in this report.
- 5) I am a member of the Association of Professional Engineers of the Yukon Territory.

-----  
Kenneth D. Galambos, P. Eng.  
Geological Engineer



APPENDIX I  
ROCK SAMPLE DESCRIPTIONS

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 J-2

PROPERTY Anky

DATE \_\_\_\_\_

SAMPLE REPORT

| E NO. | LOCATION & DESCRIPTION   | TYPE | WIDTH | ASSAYS      |  |  |  |  | SAMPLED BY |                  |
|-------|--|------|-------|-------------|--|--|--|--|------------|------------------|
|       |  |      |       | % Sulphides |  |  |  |  |            |                  |
| 676   | L 10402E 10370N<br>- area of outcrop<br>- Fe staining on surface<br>- light grey silicified intrusive with 1% disseminated sulphides consisting of AsPy, Py.     | GRAB |       | 1%          |  |  |  |  |            | Michael Muirhead |
| 677   | L 10400E 10010N<br>- Fe staining on surface<br>- light grey silicified intrusive<br>- partially chloritized<br>- 3% to 10% sulphides consisting of Py, AsPy, Cp. | GRAB |       | 3% to 10%   |  |  |  |  |            |                  |
| 678   | L 10800E 10240N<br>- Fe staining on surface<br>- Yellow alteration staining of Aspy.<br>- Altered QFP<br>- 5% to 20% sulphides consisting of As, Py, Py, Gr, Cp. | GRAB |       | 5% to 20%   |  |  |  |  |            |                  |

PROPERTY Anky

DATE \_\_\_\_\_

SAMPLE REPORT

| E NO. | LOCATION & DESCRIPTION  | TYPE | WIDTH | ASSAYS      |  |  |  |  | SAMPLED BY       |
|-------|---|------|-------|-------------|--|--|--|--|------------------|
|       |   |      |       | % Sulphides |  |  |  |  |                  |
| 679   | L 9800E 9912N<br>- Fe staining on surface<br>- light grey silicified intrusive.<br>- Biotite present<br>- 1% disseminated Aspy.                             | GRAB |       | 1%          |  |  |  |  | Michael Muirhead |
| 680   | L 8625E 10224N<br>- Fe stained surface<br>- yellow Aspy alteration staining<br>- altered QFP<br>- 10% to 20% Sulphides consisting of Cp, Aspy, Py, and Gra. | GRAB |       |             |  |  |  |  |                  |

N.T.S. 105J-2

PROPERTY Anky

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT Anky 312

| LE NO. | LOCATION & DESCRIPTION   | % SULPHIDES | TYPE      | WIDTH | G | A | G | A | G | A | G | A | G | A | G | A | SAMPLED BY |
|--------|--|-------------|-----------|-------|---|---|---|---|---|---|---|---|---|---|---|---|------------|
|        |  |             |           |       |   |   |   |   |   |   |   |   |   |   |   |   |            |
|        |  |             |           |       |   |   |   |   |   |   |   |   |   |   |   |   |            |
|        | <u>PE-1 (ATLAS DRILL HOLE)</u>   |             |           |       |   |   |   |   |   |   |   |   |   |   |   |   |            |
| 35701  | <u>27'-37'</u><br>CROWDED PARPH INT WITH FWS<br>QTZ + CALCITE +/- PY STRINGERS<br>SUB PARALLEL TO C.A. INCLUDES<br>3cm WIDE CALCITE-PY-ASPY<br>VEIN AT ~20° TO CA. |             | TR CORE   | 3.05m |   |   |   |   |   |   |   |   |   |   |   |   |            |
| 35702  | <u>66.5'-71'</u><br>MINOR PY STRINGERS UP TO 3mm   |             | TR CORE   | 1.37m |   |   |   |   |   |   |   |   |   |   |   |   |            |
| 35703  | <u>93'-94.5'</u><br>INCLUDES<br>1cm WIDE CALCITE VEIN WITH<br>SX ~20° TO C.A.  |             | TR CORE   | .46m  |   |   |   |   |   |   |   |   |   |   |   |   |            |
| 35704  | <u>134'-138.5'</u><br>RUSTY INT. WITH Ca-AsPY-<br>PY VEINING UP TO 2cm ~10° TO C.A.  |             | TR CORE   | 1.37m |   |   |   |   |   |   |   |   |   |   |   |   |            |
| 35705  | <u>152.5-159'</u><br>SHEARED CALC <del>AND</del> SILICATE ALTH<br>INT. + CHLORITE ALTH OF BIOT.  |             | 1-2% CORE | 1.98m |   |   |   |   |   |   |   |   |   |   |   |   |            |

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. \_\_\_\_\_

PROPERTY \_\_\_\_\_

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

| E NO. | LOCATION & DESCRIPTION   | %<br>SULPHIDES | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | SAMPLED<br>BY |                          |
|-------|--|----------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------|--------------------------|
|       |  |                |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |               | <input type="checkbox"/> |
| 5706  | 248' - 253'  |                | CORE | 1.52m |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
|       | CARB ACT'D INT. 1-2% Py<br>TR cly, BORNITE   | 1-2%           |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 5707  | 254.75 - 257'  |                | CORE | .69m  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
|       | 70 cm WIDE TREMOLITE VEIN<br>TR 24E (ATLAS TRENCHING)                                  | —              |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 5708  | GREY SILICIFIED L+S.   |                | CHIP | .75m  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 709   | MANGANESE STAINED SHEARED ROCK<br>WITH 15cm ZONE CONTAINING<br>30% SX Ga, AsPy         | 3-5%           | CHIP | 1m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
|       |  |                | CHIP | 1.4m  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 710   | MANGANESE STAINED FAULT GOUGE? +<br>TREMOLITE VEIN UP TO 5cm                           |                | CHIP | 1.4m  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 711   | SILICEOUS INT. (MINOR SERICITE?)<br>STRINGER + VEINS UP TO 1cm OF<br>Py/AsPy + DISS SX | 1-2%           | CHIP | 1.6m  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |
| 712   | AS R35711  | 1-2%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |               |                          |

N.T.S. \_\_\_\_\_

PROPERTY \_\_\_\_\_

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

| LE NO. | LOCATION & DESCRIPTION   | % SULPHIDES | TYPE | WIDTH | G | A | G    | A   | G   | A   | G    | A  | G | A | G | A | SAMPLED BY |
|--------|--|-------------|------|-------|---|---|------|-----|-----|-----|------|----|---|---|---|---|------------|
|        |  |             |      |       |   |   |      |     |     |     |      |    |   |   |   |   |            |
|        |  |             |      |       |   |   |      |     |     |     |      |    |   |   |   |   |            |
| 5713   | AS 35711   | 1-2%        | CHIP | 2m    |   |   |      |     |     |     |      |    |   |   |   |   |            |
| 5714   | FLOAT AT END OF TRENCH<br>PAULT? BX SERICITE? STAINED CLASTS<br>(APPLE GREEN) IN AsPy MATRIX                               | 70-80%      | GRAB |       |   |   |      |     |     |     |      |    |   |   |   |   |            |
| 5715   | 2/3 WAY UP TRENCH<br>SUB ROUNDED MANGANESE STAINED<br>1m x .5m BOULDER OF CHERT WITH<br>3-5% sph, py, AsPy, G <sub>o</sub> | 3-5%        | CHIP | 1m    |   |   |      |     |     |     |      |    |   |   |   |   |            |
| 5716   | .75m CHIP IN OC<br>SERICITE ALT'D QFP WITH 20-100%<br>AsPy, TR CPy, Py<br>AsPy VEINING AT 020°                             | 30-40%      | CHIP | .75m  |   |   |      |     |     |     |      |    |   |   |   |   |            |
|        | PW-1 ATLAS DRILL HOLE<br>IN TR-12 W  |             |      |       |   |   |      |     |     |     |      |    |   |   |   |   |            |
| 35717  | 79-82'<br>SILICEOUS SERICITE ALT'D QFP<br>WITH 1-2% Py, TR CPy, BORN<br>AS DIS + ON FRACTURES                              | 1-2%        | CORE | .91m  |   |   | 1279 | 165 | 414 | 9.5 | 9569 | 39 |   |   |   |   |            |

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. \_\_\_\_\_

PROPERTY \_\_\_\_\_

DATE \_\_\_\_\_

ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

| E NO. | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G | A | G    | A   | G    | A    | G     | A  | G | A | SAMPLED BY |
|-------|---|-------------|------|-------|---|---|------|-----|------|------|-------|----|---|---|------------|
|       |   |             |      |       |   |   |      |     |      |      |       |    |   |   |            |
| 5718  | 24.1 - 25.3 m (BLOCKS MISPLACED?)<br>SILICEOUS SERICITE ALT'D QFP WITH<br>3-5% SX AsPy, Py, CPy, BORN   | 3-5%        | CORE | 1.2m  |   |   | Cu   | Pb  | Zn   | Ag   | As    | Au |   |   |            |
|       |   |             |      |       |   |   | 3731 | 157 | 302  | 23.3 | 59396 | 48 |   |   |            |
| 5719  | 98.5' - 103.5'<br>POAPH WITH 1% Py, Po / TR BORN<br>CPy, AsPy   |             | CORE | 1.52m |   |   | 4203 | 31  | 1058 | 18.0 | 3899  | 2  |   |   |            |
| 5720  | 107' - 110'<br>1-2% Py - Po / TR AsPy, CPy<br>BORN  | 1-2%        | CORE | .91m  |   |   | 5477 | 171 | 2365 | 27.3 | 1079  | 2  |   |   |            |
| 35721 | 121.5' - 127'<br>TR 1% Py - AsPy / TR Po, CPy<br>BORN   | 1%          | CORE | 1.68m |   |   | 2400 | 464 | 2937 | 20.3 | 5355  | 5  |   |   |            |
| 5722  | 131' - 136'<br>131-132.5' F.G APLITE DYKE WITH<br>SHGARING 10-45° TO C.A. 1% DISS<br>Py, CPy, AsPy<br>132.5-136 SERICITE ALT'D QFP<br>1% DISS AsPy, Po, Py / TR CPy<br>BORN. INCLUDES 10cm OF 5% Py, AsPy | 1%          | CORE | 1.52m |   |   |      |     |      |      |       |    |   |   |            |

G = GEOCHEM

A = ASSAY

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ROCK SAMPLE REPORT

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| NO.  | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G | A | G    | A   | G    | A    | G    | A  | G | A | G | A | SAMPLED BY |
|------|---|-------------|------|-------|---|---|------|-----|------|------|------|----|---|---|---|---|------------|
|      |   |             |      |       |   |   |      |     |      |      |      |    |   |   |   |   |            |
|      |   |             |      |       |   |   | Co   | Pb  | Zn   | Ag   | As   | Au |   |   |   |   |            |
| 5723 | 183'-187'<br>SHEARED PORPH 1-2% SX OF<br>FRACTURE + SHEAR FACES   | 1-2%        | CORE | 1.22m |   |   |      |     |      |      |      |    |   |   |   |   |            |
| 5724 | 231'-235.5'<br>CALCITE + (TREMOLITE) VEINING +<br>BX WITH 1-2% Py SEAMS   | 1-2%        | CORE | 1.37m |   |   |      |     |      |      |      |    |   |   |   |   |            |
| 5725 | 251.5-257<br>PORPH WITH 1-2% Py, Po, As, Py<br>ALONG FRACTURE FACES/TRCPy, Sph<br>BORN MINOR Co, TAEM, SX STRINGERS<br>253-256 SPLIT CORE.<br>MINOR SHEARING ~40° TO C.A. NEAR<br>END OF INTERVAL | 1-2%        | CORE | 1.68m |   |   | 1155 | 543 | 2586 | 10.9 | 7278 | 2  |   |   |   |   |            |
| 5726 | 280'-290'<br>SERICITE, CHLORITE ACT'G PORPH<br>TR AsPy, Py DISS<br>TR-1% AsPy, Py, Sph IN SEAMS AND<br>ALONG SHEARS GENERALLY SUBPARALLEL<br>TO C.A.  | TR-1%       | CORE | 3.05m |   |   |      |     |      |      |      |    |   |   |   |   |            |

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ROCK SAMPLE REPORT

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| NO. | LOCATION & DESCRIPTION   | % SULPHIDES | TYPE | WIDTH | G <input type="checkbox"/> A <input type="checkbox"/> |  |  |  |  |  |  |  | SAMPLED BY |  |
|-----|--|-------------|------|-------|---|--|--|--|--|--|--|--|------------|--|
|     |  |             |      |       |   |  |  |  |  |  |  |  |            |  |
| 727 | TR 12W (ATLAS TRENCHING)<br>AP 838N W. WALL OF TRENCH<br>L.S. WITH MINOR CALC-SILICATE<br>ALT'N IN CONTACT WITH INT.         | —           | CHIP | 1m    |   |  |  |  |  |  |  |  |            |  |
| 728 | MED GREY QFP, MINOR BIOT<br>TR-1% DISS ASPY/TR PY ON<br>FRACTURE SURFACES  | TR-1%       | CHIP | 1.5m  |   |  |  |  |  |  |  |  |            |  |
| 729 | 9834N<br>RUSTY MANGANESE STAINED IRON<br>CEMENTED FAULT? Bx  | —           | GRAB |       |   |  |  |  |  |  |  |  |            |  |
| 730 | 9821.5N IN PLACE?<br>PORPH WITH 5-15% ASPY, PY<br>1-2% CPY, BORN   | 15%         | CHIP | .5m   |   |  |  |  |  |  |  |  |            |  |
| 731 | 9834N<br>IN CONTACT WITH FAULT? Bx<br>2-3% Ga, Sph IN CHT (Sil. L.S.?)<br>RUSTY WEATHERING DK GREY ON<br>FRESH SURFACE TR PY | 2-3%        | GRAB |       |   |  |  |  |  |  |  |  |            |  |

NORANDA EXPLORATION COMPANY, LIMITED

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ROCK SAMPLE REPORT

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| E NO. | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G | A | G     | A    | G    | A     | G     | A   | G | A | G | A | SAMPLED BY |
|-------|---|-------------|------|-------|---|---|-------|------|------|-------|-------|-----|---|---|---|---|------------|
|       |   |             |      |       |   |   |       |      |      |       |       |     |   |   |   |   |            |
|       | PZ-1 (ATLAS DRILL HOLE)   |             |      |       |   |   |       |      |      |       |       |     |   |   |   |   |            |
| 35735 | 19.75' - 25.25'<br>BLACK HORNFELSED SHALE WITH<br>QTZ-(TREMOLITE?) VEINING<br>SUB-PARALLEL TO C.A. TR AsPy, Py  | TR          | CORE | 1.68m |   |   |       |      |      |       |       |     |   |   |   |   |            |
| 5736  | 66' - 76' (3.05m)<br>INT WITH 2% AsPy, Py / TR CPY<br>BORN. INCLUDES 68-69' 60%<br>AsPy, Sph, Py / 2% CPY, BORN<br>MAJOR TREND IS 30° TO C.A. FOR<br>5x SEAMS | 2%          | CORE | 3.05m |   |   | 11661 | 2579 | 8787 | 112.9 | 54372 | 136 |   |   |   |   |            |
| 35737 | 76' - 81'<br>3-5% AsPy (NON MAGNETIC P.?)<br>Py / TR CPY, BORN.<br>SHEAR ZONE WITH QTR 78.5' - 81'  | 3-5%        | CORE | 1.52m |   |   | 5828  | 1013 | 924  | 48.9  | 51425 | 130 |   |   |   |   |            |
| 5738  | 89' - 92.5'<br>SERICITE ALT'D INT. WITH QTZ-ADULARIA<br>VEINING, 2% Sx IN PATCHES UP TO<br>3cm AsPy, CPY  | 2%          | CORE | 1.07m |   |   | 1490  | 49   | 168  | 11.3  | 31668 | 89  |   |   |   |   |            |

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ROCK SAMPLE REPORT

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| E NO. | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G | A | G    | A     | G     | A     | G     | A   | G | A | SAMPLED BY |
|-------|---|-------------|------|-------|---|---|------|-------|-------|-------|-------|-----|---|---|------------|
|       |   |             |      |       |   |   |      |       |       |       |       |     |   |   |            |
| 15739 | 135.2' - 138.5'<br>INTENSE SILIC WITH QIR-SX VEINS<br>UP TO 1cm 20° TO C.A.<br>2% AsPy, Py  | 2%          | CORE | 1.01m |   |   | Cu   | Pb    | Zn    | Ag    | As    | Au  |   |   |            |
|       |   |             |      |       |   |   | 626  | 1923  | 2197  | 17.6  | 33738 | 50  |   |   |            |
| 5746  | 144.5' - 151.5'<br>INTENSE SILIC WITH QIR-CALCITE<br>VEINING 35° TO C.A. 5% SX<br>AsPy, Py, CHALC <sup>2</sup> / TR Sph, CPy                                | 5%          | CORE | 2.13m |   |   |      |       |       |       |       |     |   |   |            |
|       |   |             |      |       |   |   | 1101 | 12980 | 14146 | 135.8 | 97255 | 120 |   |   |            |
|       | TR 48W ATLAS TRENCHING<br><u>NHT-1</u>  |             |      |       |   |   |      |       |       |       |       |     |   |   |            |
| 5741  | RUSTY SILICEOUS + LIMONITIC, MOD<br>2m) CLAY ALT'D INT. WITH AVG 3%<br>SX, MOSTLY AsPy IN VEINS +<br>STRINGERS. MINOR SLICKENSIDES<br>ON LIMONITIC SECTIONS | 3%          | CHIP | 2m    |   |   |      |       |       |       |       |     |   |   |            |
| 742   | MOSTLY MED GREY SILICEOUS<br>4m) INT. WITH TR-1% Py, AsPy<br>TR CPy. MINOR ASPY VEINS   | TR-1%       | CHIP | 2m    |   |   |      |       |       |       |       |     |   |   |            |

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ROCK SAMPLE REPORT

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| E NO. | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | SAMPLED BY |  |
|-------|---|-------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------|--|
|       |   |             |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            |  |
| 743   | AS R35742   | TR-1%       | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 2m)   | ③ 5m SHEAR PLANE WITH SLICKENSIDES<br>STR 070°  |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 744   | 6-6.7m STEEL GREY + APPLE GREEN   | 30-40%      | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 3m)   | AsPy-QTZ VEIN @ 065° 60-70% AsPy<br>REMAINDER OF SAMPLE RUSTY +<br>LIMONITIC INT. 5-7% AsPy |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 745   | RUSTY + LIMONITIC INT.  | 1-2%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 10m)  | 1-2% Py, AsPy   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 746   | RUSTY + LIMONITIC INT.  | 7-10%       | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 12m)  | AVG 7-10% AsPy, Py/TRCPy<br>SOME SECTIONS 60-70% AsPy                                       |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 747   | INT.  | 5-7%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 14m)  | AVG- 5-7% AsPy, Py/TRCPy<br>SOME SECTIONS 30-40% AsPy                                       |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| 748   | INT. WITH MOD AMT MARIPOSITE  | 1-2%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |
| -16m) | ③ 15m 1cm TREMOLITE VEIN AT<br>010° 50°W 1-2% AsPy, Py/TRCPy                                |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |  |

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| NO.         | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | SAMPLED BY |
|-------------|---|-------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------|
|             |   |             |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            |
| 149<br>18m) | INT 2-3% AsPy, Py<br>① 17.5m 1-3cm AsPy VEIN AT<br>030° / 85°W                    | 2-3%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 50<br>20m)  | INT 10-15% AsPy IN VEINS<br>RUNNING 130° AND 010°<br>19-20m AsPy 20-30% AT 110°   | 10-15%      | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 51<br>22m)  | INT 1-2% Sx   | 1-2%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 152<br>24m) | LIMONITIC MOD CLAY ALT'D INT<br>VEINS RUN 025° TR-1% Sx                           | TR-1%       | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 153<br>26m) | INT 3-5% AsPy, Py<br>LIMONITIC ASPY VEINING 1-2cm<br>AT 030°<br><del>NBT-22</del> | 3-5%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 154<br>28m) | MANGANESE + LIMONITIC SILIC INT<br>1-2% Sx  | 1-2%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 155<br>30m) | MANGANESE STAINED INT. + MARIPOSITE<br>1% Py, AsPy                                | 1%          | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |

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ROCK SAMPLE REPORT

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| E NO.        | LOCATION & DESCRIPTION  | % SULPHIDES | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | SAMPLED BY |
|--------------|---|-------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------|
|              |   |             |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            |
| 756          | AS IN R35755  | 1%          | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 32m)         | 1% Py, AsPy (SOME SECTIONS NOT TO OC)                             |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 757          | SILIC. INT WITH MARIPOSITE  | 1-2%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 34m)         | 1-2% Sx   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 758          | SILIC. INT.   | 2-3%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 36m)         | 2-3% AsPy   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 759          | SILIC. INT  | 2-3%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 38m)         | 2-3% AsPy   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| <u>NHT-2</u> |   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 760          | SILIC INT + MOD BIOT  | 3-5%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 2m)          | AVG 3-5% AsPy / TR Py, CPy, Ga<br>SOME SECTIONS 2-3cm 60-70% AsPy |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| 761          | AS R35760   |             |      |       |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |
| m)           | 3.6m FAULT SURFACE WITH SLICKENSIDES AT 030°                      | 3-5%        | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |            |

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ROCK SAMPLE REPORT

PROJECT \_\_\_\_\_

| E NO.       | LOCATION & DESCRIPTION   | %<br>SULPHIDES | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G | A | SAMPLED<br>BY |
|-------------|--|----------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|---|---------------|
|             |  |                |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |   |   |               |
| 762<br>6m)  | SILIC. INT WITH Qtz FLOODING/<br>VEINING 2-3% AsPy, Py<br>TR Cpy, Gd   | 2-3%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 763<br>3m)  | BLEACHED INT. WITH Qtz VEINING/<br>FLOODING 5-7% Sx. CONTAINS<br>10cm AsPy VEIN AT 7m RUNNING 030°<br>7-7.25 Qtz-AsPy (20-30%) <del>AsPy</del> | 5-7%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 764<br>0m)  | LIMONITIC IN PART (INT-)<br>1-2% Sx  | 1-2%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 765<br>12m) | SILIC. INT. 1-2% Sx  | 1-2%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 766<br>14m) | SILIC INT. 1-2% Sx   | 1-2%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 767<br>18m) | SILIC INT 1-2% Sx  | 1-2%           | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 768<br>18m) | SILIC INT TR-1% Sx   | TR-1%          | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |

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ROCK SAMPLE REPORT

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| E NO.          | LOCATION & DESCRIPTION   | %<br>SULPHIDES           | TYPE | WIDTH | G                        | A                        | G                        | A                        | G                        | A                        | G                        | A                        | G | A | SAMPLED<br>BY |
|----------------|--|--------------------------|------|-------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|---|---------------|
|                |  |                          |      |       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |   |   |               |
| 5769<br>-2m    | SILIC. INT. <del>TR-1% Sx</del>  | <del>TR-1%</del><br>1-2% | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 770<br>-22m)   | SILIC INT 1-2% Sx  | 1-2%                     | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| <del>771</del> |  |                          |      |       |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 771<br>-24m)   | SILIC INT TR-1% Sx   | TR-1%                    | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
|                | <u>NHT-3</u>   |                          |      |       |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 772<br>3m)     | VUGGY SILICEOUS (QTZ VEIN?)<br>5-7% AsPy, Py TR-1% CPy                               | 5-7%                     | CHIP | 3m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 773<br>6m)     | 3-4m AS IN R35772 4-6m Bx<br>WITH AS STAINING ON CLAY ACT'D<br>CLASTS V. POROUS      | 5-7%                     | CHIP | 3m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
|                | <u>NHT-4</u>   |                          |      |       |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |
| 5792<br>2m)    | Bx WITH AsPy, Py MATRIX +/- AS STAINING<br>+ AsPy IN QTZ VEINING? WITH<br>MARLPOSITE | 30-40%                   | CHIP | 2m    |                          |                          |                          |                          |                          |                          |                          |                          |   |   |               |

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Anky

N.T.S. 105 J-2  
DATE Aug 2 '59

SAMPLE REPORT

| S.E. NO. | LOCATION & DESCRIPTION  | TYPE  | WIDTH | Sulphides |  | ASSAYS |  |  |  | SAMPLED BY |           |
|----------|---|-------|-------|-----------|--|--------|--|--|--|------------|-----------|
|          |   |       |       | %         |  |        |  |  |  |            |           |
| 776      | @ L 10000E, 9975N on the grid<br>c.c. of granitic intrusion with galena, arsenopyrite, and pyrite to 2%. Sulphides are not throughout c.c. only in centralized zones. Rusty orange weathering and ice blue fresh surface. | GRAB  |       | 2%        |  |        |  |  |  |            | Genert W. |
| 777      | @ 9600E, 9800N. Tahn's boulder pushed out of trench<br>bleached, clay altd intrusive w/ schorodite stains, arseno 5% and traces of calco. Also some finely dissem. grey sulphides 1%                                      | FLOAT |       | 7%        |  |        |  |  |  |            |           |
| 778      | in trench 20m west of L 9600E, 9800N<br>in S. end of trench<br>bleached intrusive containing 15% dissem. sulphides including arseno c.c.  | GRAB  |       | 15%       |  |        |  |  |  |            |           |

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY ANKY

N.T.S. 105 J-2

DATE Aug 2/59

SAMPLE REPORT

| E NO. | LOCATION & DESCRIPTION   | TYPE  | WIDTH | SULPHIDES |  | ASSAYS |  |  |  | SAMPLED BY |           |
|-------|--|-------|-------|-----------|--|--------|--|--|--|------------|-----------|
|       |  |       |       | %         |  |        |  |  |  |            |           |
| 779   | IN TRENCH 10m up from R35778<br>Bleached intrusive w 20% sulphides<br>Black weather surface with a weathered nodular look to it. (Lumpy) | GRAB  |       | 20%       |  |        |  |  |  |            | SEANOT W. |
| 780   | MID TRENCH NEAR # R35778<br>Massive fine grd arseno w schorodite   | GRAB  |       | 65%       |  |        |  |  |  |            |           |
| 781   | MID TRENCH NEAR # R35778<br>Brecciated intrusive w black matrix and arseno frags   | GRAB  |       | 4%        |  |        |  |  |  |            |           |
| 782   | MID TRENCH near # R35778<br>Blue/green silicified rock w pyrr, arseno, and calco to 2%   | GRAB  |       | 2%        |  |        |  |  |  |            |           |
| 783   | Top end trench 20m up from R35778<br>Massive arseno w calco throughout rubble in trench  | float |       | 70%       |  |        |  |  |  |            |           |

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 105 5/2

PROPERTY ANKY

DATE Aug 2 / 89

SAMPLE REPORT

| E NO. | LOCATION & DESCRIPTION   | TYPE | WIDTH | SULPHIDES |  |  | ASSAYS |  |  | SAMPLED BY |
|-------|--|------|-------|-----------|--|--|--------|--|--|------------|
|       |  |      |       | %         |  |  |        |  |  |            |
| 784   | GRAB sample taken from o.c. @ 8400E 1024N. o.c. exposed about 5m across and 1m width. main fractures trend 030° dipping 75-80° west                    | GRAB |       |           |  |  |        |  |  | GERNSTU    |
|       | Silicious grey/blue Qtz Bot. intrusve<br>to disseminated pyr and arseno<br>(2%) A few Augite xstals seen<br>as well < 1mm long                         | GRAB |       | 1%        |  |  |        |  |  |            |
| 785   | taken @ 8400E 1024N<br>Grey/blue silicious rock (no Bot or<br>Augite) to < 1% arseno in < 1mm<br>diam. veins, on fracture surfaces<br>and disseminated | GRAB |       | < 1%      |  |  |        |  |  |            |
| 786   | @ 8400E 1024N. More of the<br>same as # 35784 with less<br>sulphides   | GRAB |       | 1/2%      |  |  |        |  |  |            |



N.T.S. \_\_\_\_\_

PROPERTY \_\_\_\_\_

DATE \_\_\_\_\_

**ROCK SAMPLE REPORT**

PROJECT \_\_\_\_\_

| E NO.        | LOCATION & DESCRIPTION                                     | % SULPHIDES | TYPE | WIDTH | G | A | G | A | G | A | G | A | G | A | G | A   | SAMPLED BY |
|--------------|--|-------------|------|-------|---|---|---|---|---|---|---|---|---|---|---|-----|------------|
|              |  |             |      |       |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 793<br>(1m)  | AsPy VEINING + VUGGY QTR IN<br>AS STAINED SHEAR? ZONE 005° | 10-20%      | CHIP | 2m    |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 794<br>(6m)  | v. RUSTY POROUS BX + VEIN MTL<br>10-15% AsPy               | 10-15%      | CHIP | 2m    |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 795<br>(2m)  | AS IN R35794   | 10-15%      | CHIP | 2m    |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 796<br>(10m) | SOME OC. AS IN R35794<br>MOSTLY O.B. GRAVEL, TILL ETC.     | —           | CHIP | 2m    |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 797<br>(12m) | TILL   | —           | CHIP | 2m    |   |   |   |   |   |   |   |   |   |   |   |     |            |
| 790          | BX KNOB WITH SX MATRIX                                     | 40%         | CHIP | 2.5   |   |   |   |   |   |   |   |   |   |   |   | G.W |            |



APPENDIX II  
ROCK SAMPLE RESULTS

| 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   | AU* |
|------------|-----|------|-------|-------|-------|-----|-----|------|-------|-------|-----|-----|-----|-----|-----|------|-----|-----|-------|------|-----|-----|------|-----|-----|----|------|-----|-----|-----|-----|
|            | PPM | PPM  | PPM   | PPM   | PPM   | PPM | PPM | PPM  | %     | PPM   | PPM | PPM | PPM | PPM | PPM | PPM  | PPM | PPM | %     | %    | PPM | PPM | %    | PPM | %   | %  | %    | %   | PPM | PPM |     |
| R 35676    | 2   | 6    | 6     | 16    | .1    | 12  | 2   | 86   | 2.09  | 13    | 5   | ND  | 1   | 11  | 1   | 2    | 2   | 22  | .08   | .040 | 11  | 20  | 1.04 | 39  | .01 | 7  | 1.19 | .01 | .03 | 1   | 2   |
| R 35677    | 2   | 96   | 910   | 1823  | 4.9   | 7   | 3   | 369  | 2.93  | 4     | 5   | ND  | 14  | 78  | 27  | 2    | 2   | 17  | 1.21  | .035 | 6   | 12  | .57  | 44  | .03 | 8  | 2.93 | .25 | .07 | 1   | 4   |
| R 35678    | 2   | 543  | 12565 | 2382  | 252.0 | 6   | 2   | 537  | 4.59  | 12217 | 5   | ND  | 10  | 9   | 15  | 795  | 2   | 3   | .28   | .026 | 15  | 5   | .04  | 41  | .01 | 5  | .31  | .01 | .14 | 1   | 19  |
| R 35679    | 2   | 30   | 279   | 180   | 1.3   | 6   | 4   | 341  | 2.67  | 38    | 5   | ND  | 11  | 37  | 2   | 2    | 2   | 32  | .47   | .038 | 16  | 15  | .71  | 75  | .08 | 7  | 1.81 | .07 | .11 | 2   | 3   |
| R 35680    | 1   | 394  | 796   | 95    | 31.4  | 5   | 13  | 4    | 6.09  | 4028  | 5   | ND  | 9   | 17  | 1   | 166  | 46  | 1   | .01   | .018 | 8   | 2   | .01  | 15  | .01 | 11 | .11  | .01 | .18 | 1   | 560 |
| R 35701    | 2   | 140  | 1656  | 726   | 10.1  | 7   | 1   | 471  | 2.49  | 1873  | 5   | ND  | 11  | 26  | 9   | 68   | 2   | 1   | 3.06  | .015 | 7   | 5   | .08  | 23  | .01 | 9  | .43  | .01 | .15 | 1   | 4   |
| R 35702    | 2   | 122  | 452   | 993   | 4.4   | 9   | 5   | 489  | 3.00  | 178   | 5   | ND  | 13  | 75  | 16  | 2    | 2   | 19  | 1.41  | .037 | 10  | 14  | .66  | 47  | .05 | 13 | 1.66 | .09 | .13 | 1   | 12  |
| R 35703    | 2   | 63   | 4347  | 2238  | 19.9  | 7   | 6   | 654  | 3.46  | 16    | 5   | ND  | 11  | 328 | 29  | 35   | 2   | 15  | 4.13  | .025 | 8   | 11  | .51  | 41  | .04 | 80 | 1.65 | .03 | .11 | 1   | 9   |
| R 35704    | 1   | 251  | 2899  | 7295  | 13.3  | 26  | 25  | 1057 | 7.23  | 248   | 5   | ND  | 1   | 220 | 103 | 12   | 2   | 122 | 3.58  | .061 | 7   | 18  | 1.56 | 59  | .20 | 9  | 4.41 | .20 | .07 | 1   | 2   |
| R 35705    | 1   | 104  | 41    | 122   | .2    | 26  | 29  | 807  | 6.63  | 14    | 5   | ND  | 2   | 281 | 2   | 2    | 2   | 192 | 6.67  | .071 | 10  | 13  | 1.96 | 116 | .31 | 8  | 3.99 | .12 | .18 | 3   | 1   |
| R 35706    | 1   | 48   | 12    | 98    | .2    | 43  | 27  | 928  | 5.47  | 53    | 5   | ND  | 1   | 320 | 2   | 2    | 2   | 140 | 8.83  | .058 | 7   | 47  | 2.33 | 40  | .10 | 4  | 2.09 | .02 | .06 | 1   | 3   |
| R 35707    | 1   | 7    | 3     | 9     | .1    | 5   | 2   | 102  | .60   | 6     | 5   | ND  | 1   | 369 | 1   | 2    | 2   | 15  | 5.83  | .003 | 2   | 5   | .25  | 160 | .03 | 7  | 7.65 | .09 | .04 | 3   | 45  |
| R 35709    | 1   | 16   | 17    | 162   | .1    | 9   | 4   | 407  | .98   | 8     | 5   | ND  | 4   | 271 | 2   | 2    | 2   | 17  | 16.89 | .038 | 10  | 14  | .65  | 72  | .07 | 6  | 2.47 | .18 | .13 | 1   | 1   |
| R 35709    | 1   | 1165 | 23700 | 13392 | 130.8 | 10  | 6   | 2574 | 3.39  | 4904  | 5   | ND  | 6   | 74  | 142 | 803  | 2   | 19  | 3.16  | .022 | 9   | 13  | 1.01 | 11  | .02 | 29 | 1.26 | .02 | .14 | 1   | 29  |
| R 35710    | 6   | 376  | 5797  | 2065  | 39.9  | 10  | 2   | 389  | 4.90  | 4251  | 5   | ND  | 11  | 166 | 21  | 1608 | 3   | 8   | .60   | .037 | 12  | 8   | .09  | 201 | .01 | 8  | 1.12 | .01 | .24 | 1   | 29  |
| R 35711    | 2   | 104  | 311   | 656   | 2.4   | 11  | 4   | 634  | 2.74  | 115   | 5   | ND  | 13  | 36  | 6   | 17   | 2   | 9   | 1.52  | .032 | 18  | 7   | .23  | 32  | .01 | 9  | .71  | .01 | .15 | 1   | 1   |
| R 35712    | 2   | 111  | 170   | 401   | 2.0   | 9   | 3   | 190  | 1.89  | 263   | 5   | ND  | 14  | 10  | 4   | 4    | 2   | 2   | .27   | .021 | 13  | 5   | .09  | 36  | .01 | 8  | .36  | .01 | .13 | 1   | 1   |
| R 35713    | 3   | 82   | 310   | 325   | 2.1   | 12  | 4   | 324  | 2.41  | 1400  | 5   | ND  | 13  | 13  | 4   | 3    | 2   | 13  | .47   | .033 | 23  | 12  | .35  | 63  | .01 | 9  | .83  | .01 | .18 | 1   | 2   |
| R 35714    | 1   | 1275 | 383   | 86    | 16.9  | 4   | 8   | 2    | 17.07 | 99999 | 6   | ND  | 10  | 28  | 2   | 312  | 92  | 7   | .07   | .030 | 7   | 2   | .01  | 9   | .01 | 7  | .26  | .01 | .10 | 1   | 128 |
| R 35715    | 2   | 618  | 17159 | 17359 | 46.9  | 18  | 8   | 797  | 3.04  | 497   | 5   | ND  | 7   | 116 | 233 | 47   | 13  | 25  | 1.58  | .105 | 12  | 31  | 1.74 | 14  | .09 | 18 | 3.69 | .24 | .27 | 1   | 3   |
| R 35716    | 2   | 1708 | 295   | 550   | 16.6  | 5   | 15  | 47   | 9.65  | 99999 | 5   | ND  | 14  | 30  | 9   | 78   | 57  | 14  | .24   | .030 | 10  | 8   | .26  | 24  | .02 | 3  | 1.00 | .04 | .11 | 1   | 43  |
| R 35717    | 3   | 1279 | 165   | 414   | 9.5   | 8   | 5   | 136  | 5.52  | 9565  | 5   | ND  | 12  | 45  | 6   | 11   | 52  | 3   | 2.51  | .030 | 10  | 5   | .10  | 31  | .01 | 13 | .50  | .01 | .17 | 1   | 39  |
| R 35718    | 1   | 3731 | 157   | 302   | 23.3  | 5   | 4   | 88   | 10.33 | 59396 | 5   | ND  | 14  | 82  | 5   | 56   | 152 | 4   | 2.52  | .027 | 14  | 3   | .10  | 24  | .01 | 15 | .50  | .02 | .12 | 1   | 48  |
| R 35719    | 2   | 4203 | 31    | 1058  | 18.0  | 10  | 1   | 95   | 4.67  | 3899  | 5   | ND  | 15  | 51  | 14  | 2    | 2   | 8   | 1.82  | .034 | 17  | 6   | .31  | 27  | .02 | 7  | .96  | .06 | .17 | 1   | 2   |
| R 35720    | 1   | 5477 | 171   | 2365  | 27.3  | 7   | 1   | 99   | 7.60  | 1079  | 5   | ND  | 17  | 43  | 33  | 2    | 11  | 6   | 1.97  | .036 | 29  | 3   | .17  | 29  | .01 | 9  | .62  | .02 | .19 | 1   | 2   |
| R 35721    | 2   | 2400 | 464   | 2937  | 20.3  | 9   | 1   | 121  | 4.86  | 5355  | 5   | ND  | 16  | 47  | 39  | 9    | 31  | 6   | 2.16  | .037 | 23  | 5   | .17  | 27  | .01 | 12 | .64  | .02 | .17 | 1   | 8   |
| R 35722    | 2   | 769  | 129   | 494   | 5.5   | 6   | 5   | 88   | 3.55  | 4457  | 5   | ND  | 13  | 45  | 6   | 11   | 2   | 11  | 1.72  | .037 | 12  | 7   | .32  | 25  | .01 | 17 | 1.14 | .08 | .21 | 1   | 5   |
| R 35723    | 2   | 252  | 94    | 151   | 1.0   | 9   | 7   | 118  | 3.37  | 673   | 5   | ND  | 14  | 71  | 2   | 2    | 2   | 21  | 1.47  | .044 | 9   | 12  | .80  | 18  | .06 | 11 | 2.51 | .14 | .10 | 1   | 3   |
| R 35724    | 1   | 184  | 54    | 181   | 1.4   | 6   | 2   | 177  | 1.91  | 48    | 5   | ND  | 11  | 106 | 2   | 16   | 2   | 6   | 12.00 | .031 | 10  | 6   | .25  | 16  | .01 | 18 | .99  | .03 | .14 | 1   | 2   |
| R 35725    | 2   | 1155 | 543   | 2588  | 10.9  | 10  | 11  | 117  | 6.60  | 7278  | 5   | ND  | 12  | 50  | 33  | 8    | 3   | 6   | 2.71  | .032 | 15  | 6   | .16  | 31  | .01 | 10 | .88  | .04 | .19 | 1   | 2   |
| R 35726    | 2   | 328  | 210   | 880   | 3.2   | 10  | 4   | 160  | 4.20  | 258   | 5   | ND  | 13  | 49  | 11  | 12   | 2   | 6   | 2.38  | .035 | 12  | 6   | .22  | 30  | .01 | 14 | .75  | .02 | .20 | 1   | 2   |
| R 35727    | 1   | 19   | 22    | 36    | .1    | 9   | 2   | 90   | .42   | 18    | 5   | ND  | 9   | 236 | 1   | 2    | 2   | 7   | 10.31 | .076 | 15  | 10  | .13  | 48  | .09 | 98 | 2.75 | .24 | .05 | 2   | 1   |
| R 35728    | 2   | 69   | 74    | 443   | .4    | 9   | 4   | 205  | 2.08  | 20    | 5   | ND  | 16  | 17  | 4   | 2    | 2   | 5   | .48   | .033 | 19  | 6   | .15  | 91  | .01 | 13 | .60  | .01 | .13 | 1   | 2   |
| R 35729    | 2   | 729  | 6286  | 7181  | 36.6  | 11  | 4   | 268  | 9.69  | 248   | 5   | ND  | 9   | 114 | 91  | 12   | 57  | 28  | .95   | .091 | 23  | 28  | .81  | 52  | .08 | 65 | 2.98 | .09 | .09 | 1   | 1   |
| R 35730    | 1   | 4819 | 1040  | 1847  | 48.2  | 9   | 5   | 97   | 12.66 | 99999 | 5   | ND  | 12  | 34  | 25  | 76   | 134 | 2   | 1.10  | .028 | 7   | 4   | .03  | 18  | .01 | 5  | .38  | .01 | .14 | 1   | 98  |
| R 35731    | 2   | 833  | 17886 | 35425 | 70.2  | 17  | 9   | 476  | 8.40  | 188   | 5   | ND  | 11  | 94  | 386 | 65   | 2   | 18  | 1.71  | .088 | 11  | 31  | 1.14 | 13  | .08 | 99 | 3.43 | .21 | .06 | 1   | 4   |
| STD C/AU-R | 18  | 62   | 41    | 134   | 6.6   | 72  | 30  | 1039 | 4.04  | 39    | 18  | 7   | 36  | 48  | 18  | 14   | 18  | 58  | .50   | .086 | 38  | 56  | .90  | 172 | .07 | 34 | 2.00 | .06 | .14 | 12  | 530 |

| 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  | Tl  | B  | Al   | Na  | K   | W   | AU* |
|------------|-----|-------|-------|-------|-------|-----|-----|-----|-------|-------|-----|-----|-----|-----|-----|------|-----|----|------|------|-----|----|-----|-----|-----|----|------|-----|-----|-----|-----|
|            | PPM | PPM   | PPM   | PPM   | PPM   | PPM | PPM | PPM | %     | PPM   | PPM | PPM | PPM | PPM | PPM | PPM  | PPM | %  | %    | PPM  | PPM | %  | PPM | %   | PPM | %  | %    | %   | PPM | PPM |     |
| R 35735    | 16  | 399   | 1967  | 2044  | 20.0  | 40  | 3   | 77  | 1.73  | 37    | 5   | ND  | 4   | 192 | 27  | 12   | 37  | 98 | 4.49 | .302 | 12  | 23 | .65 | 53  | .04 | 4  | 1.00 | .03 | .15 | 1   | 3   |
| R 35736    | 1   | 11661 | 2579  | 8787  | 112.9 | 10  | 34  | 66  | 7.10  | 54372 | 5   | ND  | 8   | 12  | 140 | 169  | 163 | 2  | .36  | .014 | 16  | 3  | .07 | 17  | .01 | 5  | .13  | .01 | .07 | 1   | 136 |
| R 35737    | 3   | 5827  | 1013  | 924   | 49.9  | 9   | 52  | 52  | 5.56  | 51425 | 5   | ND  | 9   | 36  | 13  | 147  | 138 | 6  | 1.19 | .018 | 15  | 5  | .08 | 22  | .01 | 5  | .26  | .01 | .12 | 1   | 130 |
| R 35738    | 2   | 1490  | 49    | 168   | 11.3  | 8   | 21  | 63  | 4.12  | 31668 | 5   | ND  | 14  | 77  | 3   | 17   | 36  | 7  | 1.84 | .031 | 21  | 6  | .11 | 23  | .01 | 36 | .46  | .02 | .17 | 1   | 89  |
| R 35739    | 1   | 626   | 1923  | 2197  | 17.5  | 6   | 10  | 100 | 3.69  | 33738 | 5   | ND  | 12  | 28  | 29  | 349  | 52  | 5  | 1.59 | .032 | 13  | 19 | .13 | 29  | .01 | 7  | .26  | .01 | .16 | 1   | 51  |
| R 35740    | 1   | 1101  | 12990 | 14146 | 135.3 | 4   | 2   | 73  | 8.63  | 97255 | 5   | ND  | 1   | 16  | 212 | 2327 | 404 | 1  | 1.09 | .001 | 2   | 4  | .01 | 8   | .01 | 3  | .15  | .01 | .02 | 1   | 120 |
| R 35741    | 1   | 2714  | 702   | 438   | 42.2  | 5   | 40  | 58  | 8.31  | 58914 | 5   | ND  | 13  | 25  | 8   | 367  | 120 | 3  | .67  | .031 | 15  | 2  | .02 | 15  | .01 | 11 | .22  | .01 | .26 | 1   | 108 |
| R 35742    | 2   | 2266  | 193   | 222   | 42.3  | 12  | 12  | 87  | 4.11  | 9037  | 5   | ND  | 19  | 58  | 3   | 97   | 37  | 24 | .83  | .040 | 20  | 11 | .47 | 77  | .04 | 12 | 1.30 | .07 | .36 | 1   | 46  |
| R 35743    | 2   | 953   | 114   | 321   | 8.3   | 8   | 8   | 61  | 3.58  | 6238  | 5   | ND  | 19  | 50  | 5   | 53   | 22  | 23 | .58  | .042 | 18  | 22 | .49 | 70  | .04 | 8  | 1.35 | .06 | .29 | 1   | 48  |
| R 35744    | 2   | 3471  | 363   | 448   | 23.4  | 7   | 29  | 51  | 6.00  | 16833 | 5   | ND  | 18  | 32  | 9   | 251  | 168 | 16 | .70  | .041 | 17  | 9  | .35 | 34  | .04 | 12 | .96  | .04 | .25 | 1   | 141 |
| R 35745    | 2   | 1688  | 304   | 373   | 20.1  | 4   | 10  | 39  | 5.47  | 1462  | 5   | ND  | 19  | 29  | 7   | 42   | 61  | 15 | .42  | .048 | 22  | 8  | .22 | 49  | .09 | 9  | .76  | .03 | .21 | 2   | 13  |
| R 35746    | 1   | 2197  | 482   | 393   | 29.3  | 6   | 21  | 27  | 5.37  | 16818 | 5   | ND  | 17  | 19  | 6   | 58   | 91  | 9  | .26  | .037 | 16  | 5  | .13 | 59  | .01 | 24 | .45  | .02 | .27 | 1   | 120 |
| R 35747    | 1   | 5569  | 484   | 564   | 239.0 | 6   | 14  | 53  | 6.76  | 32196 | 5   | ND  | 14  | 20  | 11  | 791  | 91  | 2  | .45  | .032 | 10  | 13 | .04 | 18  | .01 | 6  | .22  | .01 | .27 | 1   | 104 |
| R 35748    | 2   | 6581  | 330   | 912   | 53.6  | 8   | 28  | 45  | 5.35  | 29849 | 5   | ND  | 15  | 28  | 15  | 219  | 115 | 10 | .29  | .033 | 13  | 8  | .25 | 29  | .01 | 10 | .68  | .02 | .23 | 1   | 99  |
| R 35749    | 1   | 2560  | 2659  | 2310  | 54.0  | 7   | 16  | 64  | 4.64  | 21900 | 5   | ND  | 16  | 17  | 37  | 299  | 121 | 9  | .40  | .036 | 12  | 6  | .22 | 31  | .01 | 17 | .69  | .03 | .15 | 1   | 59  |
| R 35750    | 1   | 256   | 2444  | 768   | 14.6  | 6   | 80  | 15  | 8.44  | 96871 | 5   | ND  | 12  | 18  | 16  | 364  | 167 | 3  | .20  | .031 | 11  | 2  | .03 | 22  | .01 | 12 | .19  | .01 | .10 | 1   | 420 |
| R 35751    | 2   | 251   | 99    | 394   | 21.0  | 8   | 9   | 65  | 2.95  | 3920  | 5   | ND  | 16  | 30  | 4   | 99   | 24  | 22 | .45  | .037 | 16  | 24 | .55 | 51  | .04 | 9  | 1.41 | .07 | .20 | 1   | 26  |
| R 35752    | 2   | 441   | 241   | 349   | 11.5  | 5   | 7   | 30  | 4.41  | 552   | 5   | ND  | 15  | 24  | 5   | 63   | 36  | 10 | .18  | .045 | 17  | 5  | .14 | 101 | .02 | 10 | .56  | .02 | .23 | 1   | 13  |
| R 35753    | 1   | 3471  | 428   | 424   | 39.9  | 7   | 45  | 14  | 6.49  | 30524 | 5   | ND  | 12  | 20  | 7   | 83   | 93  | 4  | .04  | .023 | 8   | 4  | .05 | 19  | .01 | 12 | .31  | .01 | .27 | 1   | 129 |
| R 35754    | 2   | 111   | 362   | 143   | 2.0   | 5   | 6   | 53  | 2.15  | 5163  | 5   | ND  | 13  | 21  | 2   | 48   | 16  | 11 | .14  | .032 | 16  | 7  | .37 | 62  | .01 | 9  | .75  | .02 | .28 | 2   | 31  |
| R 35755    | 2   | 164   | 226   | 217   | 4.3   | 5   | 5   | 83  | 2.36  | 293   | 5   | ND  | 14  | 32  | 3   | 10   | 2   | 16 | .49  | .032 | 17  | 24 | .46 | 69  | .05 | 9  | 1.16 | .06 | .21 | 1   | 4   |
| R 35756    | 1   | 782   | 438   | 130   | 7.0   | 7   | 14  | 57  | 6.36  | 56475 | 5   | ND  | 14  | 27  | 1   | 45   | 30  | 10 | .37  | .030 | 16  | 5  | .27 | 28  | .01 | 8  | .64  | .02 | .15 | 1   | 39  |
| R 35757    | 2   | 1910  | 140   | 146   | 14.2  | 10  | 5   | 68  | 4.37  | 28318 | 5   | ND  | 14  | 79  | 2   | 37   | 66  | 12 | .87  | .040 | 16  | 12 | .38 | 51  | .02 | 9  | 1.32 | .07 | .20 | 1   | 130 |
| R 35758    | 2   | 185   | 78    | 225   | .8    | 8   | 6   | 44  | 2.43  | 5151  | 5   | ND  | 13  | 22  | 3   | 23   | 2   | 11 | .32  | .034 | 15  | 8  | .31 | 41  | .02 | 11 | .76  | .04 | .28 | 1   | 19  |
| R 35759    | 1   | 428   | 99    | 263   | 3.5   | 7   | 4   | 50  | 2.42  | 144   | 5   | ND  | 16  | 26  | 2   | 8    | 2   | 12 | .58  | .041 | 24  | 24 | .33 | 69  | .03 | 13 | .79  | .03 | .25 | 1   | 1   |
| R 35760    | 1   | 4407  | 14911 | 35981 | 172.0 | 8   | 13  | 140 | 10.05 | 94067 | 5   | ND  | 10  | 33  | 526 | 1461 | 533 | 17 | .37  | .019 | 10  | 7  | .34 | 11  | .04 | 9  | .92  | .04 | .21 | 2   | 530 |
| R 35761    | 1   | 562   | 1191  | 704   | 47.8  | 12  | 49  | 56  | 3.76  | 26804 | 5   | ND  | 14  | 15  | 11  | 57   | 448 | 10 | .43  | .030 | 22  | 9  | .24 | 52  | .01 | 24 | .45  | .01 | .23 | 3   | 760 |
| R 35762    | 2   | 537   | 205   | 598   | 4.7   | 9   | 5   | 84  | 2.32  | 381   | 5   | ND  | 16  | 20  | 8   | 11   | 2   | 12 | .58  | .038 | 25  | 7  | .31 | 60  | .02 | 22 | .77  | .03 | .23 | 1   | 4   |
| R 35763    | 1   | 3156  | 8972  | 7745  | 139.9 | 5   | 3   | 33  | 5.52  | 37289 | 5   | ND  | 8   | 5   | 125 | 1481 | 233 | 2  | .07  | .021 | 6   | 16 | .05 | 18  | .01 | 11 | .18  | .01 | .12 | 1   | 61  |
| R 35764    | 2   | 242   | 132   | 267   | 2.5   | 9   | 8   | 63  | 2.60  | 415   | 5   | ND  | 17  | 21  | 3   | 18   | 3   | 5  | .64  | .044 | 36  | 6  | .12 | 103 | .01 | 21 | .55  | .01 | .22 | 1   | 17  |
| R 35765    | 1   | 157   | 43    | 53    | .6    | 8   | 6   | 69  | 2.74  | 92    | 5   | ND  | 17  | 56  | 1   | 7    | 2   | 19 | .75  | .044 | 19  | 10 | .52 | 91  | .06 | 9  | 1.12 | .06 | .13 | 1   | 3   |
| R 35766    | 2   | 111   | 27    | 106   | .5    | 11  | 4   | 89  | 1.90  | 109   | 5   | ND  | 17  | 40  | 1   | 5    | 2   | 18 | .84  | .045 | 25  | 10 | .48 | 162 | .05 | 15 | 1.05 | .06 | .25 | 1   | 1   |
| R 35767    | 2   | 361   | 790   | 495   | 11.3  | 8   | 4   | 59  | 2.87  | 1593  | 5   | ND  | 16  | 18  | 8   | 111  | 24  | 14 | .49  | .041 | 19  | 24 | .28 | 47  | .01 | 13 | .68  | .02 | .30 | 1   | 11  |
| R 35768    | 2   | 133   | 31    | 50    | .7    | 7   | 4   | 57  | 2.27  | 124   | 5   | ND  | 15  | 39  | 1   | 7    | 2   | 17 | .42  | .036 | 17  | 10 | .40 | 110 | .04 | 9  | 1.16 | .05 | .22 | 1   | 4   |
| R 35769    | 2   | 135   | 23    | 84    | .6    | 9   | 3   | 66  | 2.05  | 44    | 5   | ND  | 17  | 50  | 1   | 7    | 2   | 23 | .58  | .039 | 22  | 14 | .60 | 148 | .07 | 8  | 1.64 | .09 | .26 | 3   | 1   |
| R 35770    | 2   | 123   | 53    | 103   | .6    | 11  | 6   | 89  | 2.92  | 104   | 5   | ND  | 18  | 78  | 2   | 5    | 2   | 32 | .87  | .041 | 17  | 14 | .81 | 64  | .11 | 9  | 2.33 | .13 | .21 | 1   | 1   |
| STD C/AU-R | 18  | 65    | 39    | 132   | 6.7   | 75  | 31  | 956 | 4.04  | 40    | 24  | 8   | 38  | 48  | 19  | 15   | 19  | 59 | .49  | .088 | 39  | 56 | .89 | 177 | .07 | 34 | 1.97 | .06 | .14 | 12  | 520 |

| 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  | Tl  | B  | Al   | Na  | K   | W   | Au* |
|------------|-----|------|------|------|-------|-----|-----|------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|
|            | PPM | PPM  | PPM  | PPM  | PPM   | PPM | PPM | PPM  | %     | PPM   | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | %    | %    | PPM | PPM | %   | PPM | %   | %  | %    | %   | PPM | PPB |     |
| R 35771    | 2   | 198  | 212  | 231  | 1.7   | 6   | 5   | 72   | 2.64  | 103   | 5   | ND  | 15  | 85  | 3   | 10  | 2   | 24  | .54  | .041 | 13  | 21  | .69 | 164 | .02 | 6  | 1.92 | .11 | .22 | 1   | 5   |
| R 35772    | 2   | 7173 | 1544 | 619  | 91.9  | 5   | 33  | 10   | 6.07  | 25735 | 5   | ND  | 15  | 22  | 12  | 251 | 89  | 3   | .11  | .036 | 9   | 2   | .03 | 13  | .01 | 8  | .24  | .01 | .16 | 1   | 210 |
| R 35773    | 2   | 493  | 202  | 186  | 15.0  | 3   | 9   | 43   | 3.14  | 16365 | 5   | ND  | 14  | 17  | 4   | 44  | 26  | 7   | .20  | .028 | 13  | 4   | .10 | 103 | .01 | 8  | .40  | .01 | .21 | 1   | 96  |
| R 35776    | 2   | 65   | 5495 | 1155 | 36.9  | 5   | 11  | 403  | 3.59  | 13249 | 5   | ND  | 15  | 71  | 32  | 47  | 2   | 20  | .86  | .038 | 12  | 12  | .51 | 58  | .04 | 5  | 2.23 | .15 | .13 | 1   | 14  |
| R 35777    | 1   | 4467 | 826  | 139  | 77.3  | 4   | 3   | 10   | 12.13 | 99999 | 5   | ND  | 11  | 19  | 3   | 80  | 222 | 5   | .23  | .020 | 7   | 8   | .07 | 10  | .01 | 13 | .35  | .02 | .14 | 1   | 210 |
| R 35778    | 1   | 1235 | 1571 | 872  | 53.7  | 5   | 5   | 24   | 10.99 | 19277 | 5   | ND  | 10  | 15  | 13  | 23  | 85  | 4   | .17  | .038 | 3   | 2   | .04 | 12  | .01 | 15 | .35  | .01 | .13 | 1   | 22  |
| R 35779    | 2   | 4109 | 1271 | 1039 | 57.3  | 5   | 20  | 14   | 17.94 | 99999 | 5   | ND  | 13  | 17  | 16  | 139 | 178 | 5   | .13  | .029 | 8   | 8   | .05 | 6   | .01 | 11 | .57  | .03 | .12 | 1   | 136 |
| R 35780    | 2   | 2944 | 418  | 191  | 25.5  | 3   | 105 | 8    | 13.76 | 99999 | 5   | ND  | 3   | 3   | 2   | 199 | 136 | 3   | .14  | .002 | 2   | 2   | .01 | 12  | .01 | 3  | .12  | .01 | .03 | 1   | 390 |
| R 35781    | 2   | 694  | 155  | 307  | 5.6   | 8   | 16  | 74   | 10.45 | 45899 | 5   | ND  | 12  | 69  | 5   | 52  | 36  | 20  | .26  | .042 | 13  | 9   | .32 | 16  | .02 | 14 | 1.23 | .02 | .16 | 1   | 53  |
| R 35782    | 1   | 323  | 192  | 64   | 3.1   | 5   | 5   | 55   | 3.33  | 1760  | 5   | ND  | 15  | 38  | 1   | 2   | 14  | 30  | 1.33 | .042 | 13  | 27  | .71 | 23  | .07 | 3  | 2.33 | .27 | .14 | 1   | 3   |
| R 35783    | 2   | 2761 | 1542 | 2706 | 50.1  | 5   | 37  | 19   | 17.27 | 99999 | 5   | ND  | 12  | 15  | 43  | 113 | 307 | 4   | .39  | .031 | 18  | 3   | .05 | 15  | .01 | 18 | .42  | .01 | .14 | 1   | 290 |
| 35784      | 2   | 133  | 17   | 30   | .9    | 9   | 4   | 102  | 2.47  | 1130  | 5   | ND  | 16  | 48  | 1   | 2   | 2   | 36  | .73  | .039 | 15  | 30  | .76 | 98  | .11 | 3  | 2.06 | .13 | .31 | 2   | 5   |
| R 35785    | 3   | 124  | 34   | 32   | 1.1   | 7   | 5   | 39   | 2.23  | 695   | 5   | ND  | 16  | 33  | 1   | 2   | 2   | 15  | .47  | .037 | 22  | 11  | .43 | 31  | .09 | 12 | 1.18 | .08 | .30 | 2   | 2   |
| R 35786    | 2   | 132  | 14   | 21   | .5    | 5   | 3   | 53   | 1.97  | 191   | 5   | ND  | 15  | 56  | 1   | 2   | 2   | 23  | .94  | .036 | 17  | 29  | .55 | 66  | .11 | 6  | 2.04 | .16 | .26 | 2   | 2   |
| R 35787    | 10  | 4692 | 367  | 338  | 73.1  | 7   | 17  | 7    | 6.31  | 1155  | 5   | ND  | 6   | 8   | 7   | 119 | 117 | 2   | .13  | .006 | 5   | 3   | .01 | 10  | .01 | 10 | .16  | .01 | .16 | 1   | 32  |
| R 35788    | 2   | 9033 | 257  | 296  | 56.1  | 5   | 38  | 20   | 5.43  | 24566 | 5   | ND  | 16  | 9   | 7   | 125 | 119 | 10  | .12  | .035 | 11  | 5   | .14 | 27  | .01 | 20 | .37  | .01 | .26 | 1   | 59  |
| R 35789    | 1   | 1714 | 232  | 148  | 17.8  | 4   | 49  | 4    | 16.22 | 99999 | 9   | ND  | 12  | 3   | 3   | 121 | 234 | 2   | .02  | .021 | 4   | 2   | .01 | 13  | .01 | 14 | .17  | .01 | .11 | 1   | 540 |
| R 35790    | 1   | 4723 | 2378 | 392  | 55.4  | 4   | 13  | 21   | 3.66  | 56971 | 5   | ND  | 13  | 16  | 15  | 102 | 113 | 11  | .13  | .025 | 11  | 4   | .11 | 6   | .01 | 14 | .43  | .02 | .23 | 1   | 57  |
| R 35791    | 2   | 1662 | 9167 | 9613 | 143.9 | 6   | 1   | 321  | 2.56  | 19269 | 5   | ND  | 1   | 105 | 138 | 365 | 310 | 1   | 5.73 | .601 | 2   | 5   | .02 | 18  | .01 | 2  | .04  | .01 | .02 | 1   | 55  |
| R 35792    | 1   | 5412 | 6134 | 7157 | 119.8 | 4   | 1   | 47   | 9.30  | 70987 | 5   | ND  | 9   | 39  | 119 | 700 | 211 | 10  | .33  | .023 | 10  | 4   | .21 | 19  | .01 | 12 | .58  | .03 | .16 | 1   | 92  |
| R 35793    | 1   | 990  | 1866 | 414  | 37.9  | 1   | 4   | 14   | 14.12 | 99999 | 5   | ND  | 8   | 21  | 10  | 567 | 158 | 5   | .18  | .021 | 6   | 1   | .07 | 40  | .01 | 8  | .26  | .01 | .10 | 1   | 410 |
| R 35794    | 1   | 1379 | 222  | 474  | 11.4  | 4   | 5   | 50   | 8.52  | 86751 | 5   | ND  | 10  | 72  | 9   | 70  | 73  | 10  | .38  | .043 | 10  | 15  | .11 | 25  | .01 | 7  | .37  | .01 | .14 | 1   | 240 |
| R 35795    | 2   | 2310 | 1200 | 1269 | 21.3  | 8   | 2   | 58   | 6.49  | 20607 | 5   | ND  | 14  | 39  | 22  | 341 | 70  | 9   | .39  | .044 | 15  | 7   | .15 | 27  | .01 | 22 | .47  | .01 | .19 | 1   | 141 |
| R 35796    | 1   | 818  | 425  | 284  | 9.5   | 16  | 3   | 285  | 4.35  | 13979 | 5   | ND  | 9   | 65  | 3   | 75  | 19  | 31  | .60  | .054 | 16  | 25  | .94 | 119 | .04 | 6  | 1.29 | .04 | .24 | 1   | 32  |
| R 35797    | 2   | 156  | 48   | 211  | 1.3   | 22  | 6   | 291  | 2.60  | 973   | 5   | ND  | 5   | 52  | 2   | 2   | 2   | 28  | .64  | .052 | 14  | 23  | .85 | 261 | .03 | 25 | 1.38 | .04 | .23 | 1   | 8   |
| R 35826    | 2   | 84   | 338  | 353  | 1.9   | 7   | 6   | 372  | 2.38  | 100   | 5   | ND  | 14  | 31  | 3   | 2   | 2   | 24  | .58  | .039 | 12  | 13  | .55 | 60  | .07 | 19 | 1.43 | .09 | .09 | 1   | 1   |
| R 35827    | 2   | 392  | 500  | 400  | 7.8   | 4   | 2   | 191  | 2.74  | 2615  | 5   | ND  | 15  | 25  | 7   | 33  | 19  | 25  | .42  | .034 | 14  | 13  | .59 | 31  | .08 | 14 | 1.51 | .05 | .09 | 1   | 7   |
| R 35828    | 2   | 179  | 466  | 716  | 3.8   | 5   | 4   | 241  | 3.73  | 418   | 5   | ND  | 16  | 9   | 10  | 2   | 7   | 11  | .22  | .034 | 21  | 9   | .24 | 36  | .01 | 10 | .62  | .01 | .16 | 1   | 3   |
| STD C/AU-R | 19  | 62   | 42   | 133  | 6.9   | 73  | 30  | 1014 | 4.20  | 41    | 21  | 8   | 38  | 50  | 19  | 15  | 23  | 61  | .52  | .091 | 40  | 54  | .93 | 178 | .07 | 38 | 1.97 | .06 | .13 | 12  | 510 |

- ASSAY REQUIRED FOR CORRECT RESULT - for Cu, Pb, Zn, As > 1%  
 Ag > 30 ppm  
 Sb > 1000 ppm.

APPENDIX III  
SOIL SAMPLE RESULTS

## 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 SB 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-P10 SOIL P11-P13 ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 9 1989 DATE REPORT MAILED: Aug 17/89 SIGNED BY: C. Long, D. TOYN, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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| SAMPLE#         | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 10000N 8850E  | 2         | 31        | 12        | 97        | .2        | 21        | 8         | 321       | 2.32    | 8         | 5        | ND        | 3         | 69        | 1         | 2         | 2         | 49       | .94     | .122   | 19        | 21        | .75     | 284       | .06     | 12       | 1.46    | .02     | .14    | 1        | 2          |
| L 10000N 8900E  | 3         | 36        | 13        | 107       | .1        | 23        | 10        | 436       | 2.76    | 19        | 5        | ND        | 2         | 43        | 1         | 2         | 2         | 60       | .48     | .092   | 21        | 22        | .76     | 282       | .05     | 11       | 1.56    | .01     | .16    | 1        | 6          |
| L 10000N 8950E  | 1         | 33        | 13        | 92        | .5        | 18        | 7         | 249       | 1.75    | 9         | 5        | ND        | 1         | 62        | 1         | 2         | 2         | 43       | 1.26    | .061   | 10        | 15        | .37     | 398       | .02     | 14       | 1.51    | .03     | .12    | 1        | 3          |
| L 10000N 9050E  | 3         | 33        | 9         | 103       | .4        | 19        | 9         | 833       | 2.70    | 17        | 5        | ND        | 2         | 66        | 1         | 2         | 2         | 49       | 1.06    | .082   | 15        | 17        | .57     | 365       | .02     | 5        | 1.51    | .02     | .13    | 1        | 3          |
| L 10000N 9100E  | 2         | 34        | 18        | 113       | .1        | 22        | 10        | 354       | 3.00    | 16        | 5        | ND        | 5         | 57        | 1         | 2         | 2         | 54       | .70     | .131   | 27        | 21        | .89     | 348       | .04     | 21       | 1.59    | .01     | .18    | 1        | 3          |
| L 10000N 9150E  | 2         | 34        | 20        | 111       | .2        | 21        | 9         | 274       | 2.90    | 22        | 5        | ND        | 4         | 39        | 1         | 2         | 2         | 61       | .56     | .065   | 28        | 21        | .65     | 433       | .03     | 12       | 1.59    | .01     | .17    | 1        | 8          |
| L 10000N 9200E  | 2         | 36        | 18        | 156       | .4        | 20        | 7         | 423       | 2.56    | 13        | 5        | ND        | 1         | 49        | 1         | 2         | 2         | 76       | 1.22    | .063   | 18        | 29        | .84     | 300       | .03     | 15       | 2.13    | .01     | .20    | 1        | 5          |
| L 10000N 9300E  | 1         | 49        | 20        | 96        | .1        | 33        | 18        | 631       | 4.99    | 16        | 5        | ND        | 4         | 31        | 1         | 2         | 2         | 92       | .32     | .046   | 21        | 49        | 1.71    | 299       | .13     | 11       | 4.15    | .02     | .17    | 1        | 1          |
| L 10000N 9350E  | 1         | 58        | 13        | 94        | .2        | 41        | 21        | 657       | 5.21    | 18        | 5        | ND        | 5         | 38        | 1         | 2         | 2         | 93       | .36     | .049   | 21        | 53        | 2.00    | 330       | .15     | 15       | 4.43    | .02     | .17    | 1        | 3          |
| L 10000N 9450E  | 2         | 14        | 16        | 120       | .2        | 9         | 10        | 416       | 3.62    | 13        | 5        | ND        | 2         | 17        | 1         | 2         | 3         | 55       | .18     | .029   | 17        | 25        | .50     | 253       | .02     | 10       | 1.81    | .01     | .11    | 1        | 1          |
| L 10000N 9500E  | 3         | 33        | 26        | 117       | .1        | 23        | 12        | 296       | 3.92    | 27        | 5        | ND        | 4         | 23        | 1         | 2         | 2         | 72       | .25     | .032   | 24        | 27        | 1.04    | 389       | .01     | 9        | 2.67    | .01     | .17    | 1        | 2          |
| L 10000N 9550E  | 1         | 34        | 33        | 134       | .8        | 21        | 11        | 640       | 2.52    | 25        | 5        | ND        | 2         | 54        | 1         | 2         | 2         | 42       | 1.32    | .062   | 21        | 21        | .71     | 274       | .01     | 9        | 1.61    | .01     | .14    | 1        | 5          |
| L 10000N 9700E  | 1         | 14        | 11        | 86        | .3        | 11        | 5         | 136       | 2.00    | 9         | 5        | ND        | 2         | 74        | 1         | 2         | 2         | 40       | 1.27    | .055   | 17        | 18        | .76     | 282       | .01     | 9        | 1.30    | .01     | .12    | 1        | 7          |
| L 10000N 9750E  | 3         | 34        | 38        | 223       | .4        | 26        | 10        | 291       | 3.22    | 20        | 5        | ND        | 4         | 41        | 1         | 2         | 2         | 74       | .47     | .105   | 22        | 24        | .59     | 404       | .01     | 11       | 1.83    | .01     | .22    | 1        | 1          |
| L 10000N 9850E  | 2         | 24        | 69        | 163       | .1        | 18        | 8         | 255       | 2.82    | 37        | 5        | ND        | 1         | 29        | 1         | 2         | 2         | 65       | .20     | .073   | 20        | 20        | .52     | 275       | .01     | 10       | 1.66    | .01     | .16    | 1        | 7          |
| L 10000N 9900E  | 1         | 56        | 23        | 141       | .2        | 33        | 14        | 335       | 3.91    | 9         | 5        | ND        | 5         | 91        | 1         | 2         | 2         | 194      | 1.23    | .087   | 25        | 53        | 1.42    | 218       | .17     | 10       | 3.86    | .08     | .11    | 1        | 16         |
| L 10000N 9950E  | 2         | 26        | 116       | 205       | .7        | 15        | 7         | 737       | 2.83    | 73        | 5        | ND        | 3         | 29        | 1         | 2         | 2         | 87       | .28     | .042   | 24        | 35        | .54     | 367       | .03     | 3        | 2.97    | .01     | .10    | 1        | 3          |
| L 10000N 10050E | 3         | 24        | 52        | 173       | .2        | 17        | 6         | 190       | 2.59    | 67        | 5        | ND        | 1         | 43        | 1         | 2         | 2         | 59       | .52     | .072   | 19        | 18        | .35     | 259       | .01     | 8        | 1.20    | .01     | .12    | 1        | 3          |
| L 10000N 10150E | 4         | 15        | 38        | 90        | .1        | 7         | 4         | 149       | 2.19    | 29        | 5        | ND        | 2         | 24        | 1         | 2         | 2         | 73       | .10     | .055   | 24        | 13        | .21     | 158       | .06     | 19       | .81     | .01     | .11    | 1        | 1          |
| L 10000N 10250E | 2         | 22        | 95        | 213       | .6        | 10        | 8         | 243       | 2.22    | 59        | 5        | ND        | 1         | 29        | 3         | 2         | 2         | 40       | .37     | .043   | 16        | 12        | .41     | 261       | .01     | 9        | 1.17    | .02     | .11    | 1        | 3          |
| L 10000N 10300E | 2         | 120       | 198       | 375       | 1.6       | 38        | 9         | 356       | 2.85    | 154       | 5        | ND        | 2         | 69        | 5         | 2         | 2         | 66       | 1.03    | .056   | 25        | 22        | .45     | 682       | .01     | 6        | 1.91    | .01     | .16    | 1        | 4          |
| L 10000N 10350E | 1         | 69        | 134       | 466       | 2.2       | 38        | 9         | 105       | 2.14    | 59        | 5        | ND        | 3         | 102       | 18        | 2         | 2         | 61       | 2.22    | .102   | 22        | 20        | .36     | 879       | .01     | 8        | 1.91    | .01     | .14    | 1        | 3          |
| L 10000N 10450E | 3         | 46        | 66        | 298       | .8        | 34        | 12        | 366       | 3.70    | 133       | 5        | ND        | 5         | 46        | 1         | 2         | 2         | 69       | .38     | .084   | 22        | 24        | .57     | 372       | .01     | 7        | 2.22    | .01     | .18    | 1        | 6          |
| L 10000N 10500E | 2         | 73        | 1341      | 1173      | 4.0       | 26        | 12        | 658       | 4.17    | 1248      | 5        | ND        | 7         | 75        | 3         | 16        | 3         | 59       | .36     | .112   | 27        | 23        | .71     | 280       | .02     | 15       | 2.35    | .01     | .15    | 1        | 15         |
| L 10000N 10550E | 2         | 98        | 686       | 852       | 2.8       | 31        | 12        | 590       | 4.05    | 1309      | 5        | ND        | 8         | 88        | 7         | 12        | 2         | 56       | .51     | .112   | 33        | 20        | .65     | 395       | .01     | 5        | 1.96    | .01     | .15    | 1        | 15         |
| L 10000N 10650E | 2         | 17        | 129       | 149       | .8        | 8         | 4         | 137       | 2.26    | 430       | 5        | ND        | 5         | 19        | 1         | 3         | 2         | 50       | .12     | .034   | 24        | 13        | .22     | 164       | .02     | 2        | 1.42    | .01     | .08    | 1        | 4          |
| L 10000N 10700E | 3         | 18        | 224       | 328       | .3        | 3         | 9         | 970       | 5.78    | 353       | 5        | ND        | 2         | 121       | 1         | 46        | 2         | 47       | .53     | .050   | 13        | 13        | .09     | 94        | .01     | 8        | 1.48    | .01     | .07    | 1        | 2          |
| L 10000N 10750E | 2         | 10        | 11        | 55        | .1        | 6         | 4         | 66        | 1.37    | 22        | 5        | ND        | 3         | 9         | 1         | 2         | 2         | 53       | .03     | .016   | 31        | 7         | .05     | 122       | .01     | 9        | .58     | .01     | .05    | 1        | 1          |
| L 10000N 10850E | 1         | 52        | 26        | 135       | .7        | 19        | 5         | 185       | 1.42    | 69        | 9        | ND        | 1         | 92        | 5         | 5         | 2         | 33       | 2.00    | .101   | 11        | 11        | .26     | 438       | .01     | 5        | .98     | .01     | .06    | 1        | 2          |
| L 10000N 10900E | 2         | 21        | 59        | 169       | .4        | 15        | 5         | 217       | 2.34    | 304       | 5        | ND        | 4         | 45        | 1         | 2         | 3         | 52       | .70     | .048   | 17        | 16        | .40     | 254       | .01     | 11       | 1.20    | .01     | .10    | 1        | 3          |
| L 10000N 11100E | 2         | 16        | 19        | 80        | .1        | 11        | 5         | 141       | 2.13    | 25        | 5        | ND        | 3         | 29        | 1         | 2         | 3         | 66       | .61     | .038   | 22        | 17        | .30     | 336       | .01     | 12       | 1.15    | .01     | .09    | 1        | 7          |
| L 10000N 11150E | 3         | 36        | 17        | 243       | 1.3       | 21        | 11        | 942       | 1.42    | 45        | 5        | ND        | 1         | 91        | 5         | 2         | 2         | 38       | 1.42    | .112   | 9         | 11        | .23     | 782       | .01     | 6        | 1.38    | .02     | .08    | 1        | 3          |
| L 10000N 11250E | 1         | 22        | 15        | 112       | .4        | 16        | 6         | 111       | 1.57    | 13        | 5        | ND        | 3         | 51        | 1         | 2         | 2         | 42       | .65     | .098   | 17        | 16        | .43     | 342       | .01     | 7        | 1.14    | .01     | .11    | 1        | 1          |
| L 10000N 11450E | 2         | 13        | 13        | 129       | .2        | 10        | 4         | 131       | 2.25    | 9         | 5        | ND        | 4         | 12        | 1         | 2         | 2         | 61       | .08     | .039   | 24        | 17        | .30     | 265       | .01     | 4        | 1.42    | .01     | .10    | 1        | 1          |
| L 10000N 11500E | 2         | 16        | 8         | 55        | .1        | 13        | 5         | 153       | 2.55    | 14        | 5        | ND        | 4         | 9         | 1         | 2         | 3         | 79       | .05     | .047   | 25        | 15        | .25     | 282       | .01     | 7        | 1.17    | .01     | .08    | 1        | 1          |
| L 10000N 11550E | 2         | 14        | 13        | 115       | .1        | 11        | 5         | 149       | 2.16    | 10        | 5        | ND        | 2         | 25        | 1         | 2         | 2         | 68       | .24     | .101   | 22        | 18        | .34     | 314       | .01     | 3        | 1.29    | .01     | .13    | 1        | 14         |
| STD C/AU-S      | 17        | 64        | 36        | 131       | 7.1       | 74        | 31        | 950       | 3.95    | 36        | 18       | 6         | 37        | 48        | 18        | 16        | 21        | 58       | .50     | .088   | 38        | 56        | .90     | 174       | .07     | 34       | 1.95    | .06     | .14    | 12       | 49         |

| SAMPLE#         | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Hg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 10300N 11650E | 3         | 16        | 17        | 111       | .2        | 19        | 7         | 136       | 2.77    | 9         | 5        | ND        | 4         | 25        | 1         | 3         | 2         | 93       | .26     | .028   | 22        | 26        | .76     | 682       | .01     | 3        | 2.29    | .01     | .13    | 1        | 2          |
| L 10000N 11700E | 2         | 22        | 17        | 107       | .2        | 13        | 5         | 123       | 2.40    | 14        | 5        | ND        | 3         | 13        | 1         | 3         | 2         | 77       | .06     | .090   | 18        | 21        | .35     | 214       | .01     | 7        | 1.44    | .01     | .13    | 2        | 3          |
| L 10000N 11750E | 3         | 23        | 18        | 108       | .2        | 21        | 8         | 348       | 2.61    | 14        | 5        | ND        | 4         | 32        | 1         | 3         | 2         | 69       | .36     | .083   | 28        | 21        | .48     | 334       | .01     | 6        | 1.37    | .01     | .15    | 1        | 5          |
| L 8200E 10000N  | 3         | 24        | 54        | 242       | .3        | 19        | 11        | 336       | 2.89    | 130       | 5        | ND        | 4         | 62        | 1         | 2         | 2         | 64       | .65     | .076   | 21        | 30        | 1.41    | 330       | .05     | 7        | 1.93    | .01     | .19    | 1        | 4          |
| L 9200E 9900N   | 3         | 65        | 33        | 194       | .5        | 39        | 13        | 535       | 2.91    | 26        | 5        | ND        | 4         | 50        | 1         | 3         | 2         | 68       | .64     | .124   | 24        | 26        | .84     | 395       | .02     | 11       | 1.71    | .01     | .20    | 1        | 7          |
| L 8200E 9950N   | 2         | 39        | 29        | 166       | .5        | 25        | 12        | 725       | 2.69    | 26        | 5        | ND        | 2         | 50        | 1         | 2         | 2         | 57       | .83     | .161   | 19        | 25        | .80     | 363       | .02     | 7        | 1.55    | .01     | .19    | 1        | 7          |
| L 8200E 9850N   | 2         | 48        | 25        | 159       | .5        | 30        | 15        | 709       | 2.47    | 17        | 5        | ND        | 4         | 49        | 1         | 2         | 2         | 61       | .64     | .145   | 25        | 26        | .93     | 324       | .02     | 11       | 1.62    | .01     | .21    | 1        | 8          |
| L 8200E 9800N   | 2         | 45        | 23        | 139       | .7        | 25        | 7         | 383       | 1.95    | 17        | 5        | ND        | 3         | 39        | 1         | 2         | 2         | 51       | .52     | .106   | 19        | 21        | .73     | 256       | .02     | 8        | 1.42    | .02     | .18    | 1        | 4          |
| L 8250E 10300N  | 2         | 14        | 16        | 61        | .1        | 10        | 5         | 154       | 2.14    | 16        | 5        | ND        | 2         | 19        | 1         | 3         | 2         | 53       | .14     | .033   | 23        | 15        | .42     | 225       | .02     | 5        | 1.16    | .01     | .13    | 1        | 4          |
| L 8250E 10250N  | 2         | 37        | 20        | 114       | .3        | 20        | 7         | 184       | 2.89    | 16        | 5        | ND        | 4         | 23        | 1         | 3         | 2         | 65       | .24     | .078   | 22        | 23        | .59     | 445       | .01     | 8        | 1.80    | .01     | .18    | 1        | 3          |
| L 8250E 10200N  | 1         | 8         | 4         | 24        | .1        | 6         | 2         | 262       | .77     | 8         | 5        | ND        | 1         | 45        | 1         | 2         | 2         | 20       | .90     | .050   | 3         | 4         | .09     | 154       | .03     | 4        | .36     | .03     | .03    | 1        | 1          |
| 750E 10150N     | 1         | 68        | 43        | 101       | 1.8       | 18        | 5         | 218       | 1.73    | 227       | 5        | ND        | 1         | 82        | 1         | 2         | 2         | 31       | 1.65    | .060   | 11        | 14        | .43     | 321       | .02     | 4        | 1.13    | .02     | .09    | 1        | 4          |
| 250E 10100N     | 1         | 12        | 4         | 18        | .2        | 5         | 1         | 68        | .49     | 15        | 5        | ND        | 1         | 38        | 1         | 2         | 2         | 9        | .79     | .053   | 3         | 4         | .06     | 85        | .02     | 2        | .35     | .03     | .02    | 1        | 1          |
| L 8250E 10050N  | 1         | 61        | 22        | 143       | .3        | 17        | 4         | 238       | 1.61    | 168       | 5        | ND        | 1         | 54        | 1         | 2         | 2         | 31       | 1.02    | .057   | 12        | 13        | .39     | 265       | .03     | 3        | 1.27    | .03     | .07    | 1        | 3          |
| L 8250E 10000N  | 3         | 57        | 27        | 283       | .8        | 45        | 11        | 355       | 2.47    | 64        | 5        | ND        | 2         | 69        | 2         | 3         | 2         | 71       | 1.46    | .104   | 20        | 28        | 1.09    | 473       | .02     | 25       | 1.52    | .01     | .16    | 1        | 4          |
| L 8300E 10000N  | 4         | 22        | 4         | 84        | .3        | 11        | 8         | 219       | 3.07    | 11        | 5        | ND        | 1         | 92        | 1         | 2         | 2         | 57       | 2.23    | .083   | 10        | 14        | .53     | 667       | .02     | 7        | 1.33    | .02     | .12    | 1        | 1          |
| L 8350E 10000N  | 2         | 71        | 45        | 243       | .9        | 26        | 10        | 264       | 2.29    | 112       | 5        | ND        | 1         | 84        | 2         | 2         | 2         | 45       | 1.94    | .067   | 16        | 26        | .95     | 341       | .05     | 6        | 1.62    | .01     | .11    | 1        | 6          |
| L 8400E 10850N  | 2         | 29        | 16        | 63        | .8        | 13        | 10        | 480       | 2.14    | 5         | 5        | ND        | 1         | 38        | 1         | 2         | 2         | 27       | .59     | .057   | 9         | 9         | .23     | 188       | .02     | 2        | .98     | .02     | .07    | 1        | 3          |
| L 8400E 10800N  | 2         | 7         | 10        | 32        | .1        | 5         | 2         | 75        | 1.09    | 7         | 5        | ND        | 1         | 14        | 1         | 2         | 2         | 29       | .16     | .039   | 12        | 9         | .25     | 129       | .01     | 6        | .65     | .01     | .08    | 1        | 1          |
| L 8400E 10750N  | 2         | 38        | 45        | 103       | .4        | 22        | 8         | 146       | 2.22    | 13        | 5        | ND        | 4         | 43        | 1         | 3         | 2         | 48       | .52     | .095   | 24        | 21        | .72     | 353       | .01     | 8        | 1.67    | .01     | .19    | 1        | 2          |
| L 8400E 10700N  | 2         | 11        | 8         | 39        | .2        | 6         | 3         | 88        | 1.34    | 11        | 5        | ND        | 1         | 23        | 1         | 2         | 2         | 31       | .29     | .042   | 12        | 8         | .23     | 150       | .02     | 6        | .63     | .02     | .09    | 1        | 6          |
| L 8400E 10650N  | 2         | 53        | 13        | 131       | 1.0       | 30        | 6         | 439       | 2.14    | 12        | 5        | ND        | 1         | 58        | 1         | 2         | 2         | 45       | 1.31    | .054   | 7         | 17        | .38     | 450       | .01     | 15       | 1.58    | .02     | .17    | 1        | 5          |
| L 8400E 10600N  | 3         | 40        | 26        | 112       | .3        | 18        | 8         | 337       | 4.55    | 19        | 5        | ND        | 4         | 13        | 1         | 3         | 2         | 72       | .11     | .094   | 21        | 28        | 1.11    | 287       | .01     | 10       | 2.44    | .01     | .19    | 2        | 4          |
| L 8400E 10550N  | 3         | 25        | 18        | 106       | .1        | 15        | 3         | 338       | 4.08    | 43        | 5        | ND        | 4         | 13        | 1         | 2         | 2         | 73       | .08     | .063   | 21        | 24        | .62     | 314       | .01     | 12       | 1.92    | .01     | .18    | 1        | 4          |
| L 8400E 10500N  | 1         | 14        | 7         | 41        | .4        | 8         | 4         | 161       | 1.03    | 8         | 5        | ND        | 1         | 16        | 1         | 2         | 2         | 27       | .17     | .033   | 6         | 9         | .14     | 265       | .01     | 5        | .80     | .02     | .07    | 2        | 1          |
| L 8400E 10450N  | 2         | 24        | 12        | 60        | .3        | 10        | 4         | 242       | 2.30    | 14        | 5        | ND        | 3         | 10        | 1         | 2         | 2         | 52       | .09     | .030   | 16        | 15        | .29     | 199       | .02     | 4        | 1.13    | .01     | .10    | 1        | 3          |
| L 8400E 10400N  | 1         | 23        | 20        | 75        | .2        | 24        | 8         | 270       | 2.58    | 14        | 5        | ND        | 3         | 41        | 1         | 2         | 2         | 39       | .52     | .053   | 23        | 21        | .63     | 331       | .01     | 5        | 2.02    | .01     | .11    | 1        | 2          |
| L 8400E 10350N  | 2         | 15        | 17        | 68        | .1        | 15        | 6         | 187       | 2.31    | 9         | 5        | ND        | 3         | 25        | 1         | 2         | 2         | 48       | .33     | .031   | 18        | 20        | .65     | 383       | .01     | 5        | 1.72    | .01     | .13    | 1        | 1          |
| L 8400E 10300N  | 2         | 28        | 16        | 105       | .3        | 15        | 9         | 405       | 2.40    | 9         | 5        | ND        | 2         | 44        | 1         | 2         | 2         | 50       | .87     | .069   | 17        | 20        | .63     | 386       | .02     | 6        | 1.74    | .01     | .11    | 1        | 3          |
| 400E 10250N     | 1         | 20        | 12        | 73        | .1        | 15        | 7         | 157       | 2.19    | 9         | 5        | ND        | 3         | 20        | 1         | 2         | 2         | 44       | .23     | .043   | 19        | 17        | .58     | 307       | .02     | 7        | 1.38    | .01     | .14    | 1        | 2          |
| L 8400E 10200N  | 1         | 47        | 16        | 76        | .2        | 12        | 5         | 141       | 1.55    | 237       | 5        | ND        | 1         | 27        | 1         | 2         | 2         | 30       | .37     | .038   | 14        | 13        | .36     | 171       | .02     | 4        | 1.23    | .02     | .09    | 1        | 2          |
| L 8400E 10150N  | 2         | 58        | 31        | 123       | .3        | 24        | 8         | 291       | 2.43    | 201       | 5        | ND        | 2         | 40        | 1         | 3         | 2         | 48       | .52     | .070   | 21        | 21        | .66     | 407       | .02     | 9        | 1.58    | .01     | .17    | 1        | 4          |
| L 8400E 10100N  | 3         | 42        | 10        | 119       | .4        | 21        | 6         | 291       | 2.36    | 127       | 5        | ND        | 1         | 64        | 1         | 2         | 2         | 45       | .85     | .062   | 16        | 20        | .75     | 506       | .02     | 3        | 1.30    | .01     | .12    | 1        | 3          |
| L 8400E 10050N  | 2         | 26        | 11        | 39        | .4        | 25        | 11        | 765       | 1.73    | 16        | 5        | ND        | 1         | 54        | 1         | 2         | 2         | 32       | 1.05    | .084   | 9         | 10        | .34     | 270       | .02     | 6        | .87     | .02     | .07    | 1        | 1          |
| L 8400E 10000N  | 1         | 37        | 20        | 162       | .4        | 23        | 7         | 220       | 2.58    | 20        | 5        | ND        | 3         | 55        | 1         | 3         | 2         | 61       | .89     | .125   | 19        | 23        | .81     | 354       | .02     | 13       | 1.61    | .01     | .19    | 1        | 6          |
| L 8400E 9950N   | 3         | 59        | 30        | 196       | .5        | 35        | 10        | 518       | 2.83    | 30        | 5        | ND        | 3         | 50        | 2         | 2         | 2         | 65       | .62     | .162   | 22        | 28        | .92     | 357       | .02     | 18       | 1.61    | .01     | .24    | 1        | 8          |
| STD C/AU-S      | 18        | 64        | 45        | 132       | 6.5       | 74        | 31        | 1003      | 3.98    | 38        | 18       | 7         | 37        | 48        | 18        | 16        | 19        | 58       | .50     | .088   | 38        | 56        | .91     | 172       | .07     | 33       | 1.93    | .06     | .13    | 13       | 49         |

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| SAMPLE#        | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Hg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 8400E 9900N  | 2         | 59        | 27        | 187       | .6        | 30        | 9         | 146       | 2.36    | 16        | 5        | ND        | 5         | 42        | 1         | 5         | 2         | 56       | .51     | .121   | 22        | 23        | .80     | 288       | .02     | 4        | 1.47    | .01     | .15    | 1        | 16         |
| L 8400E 9850N  | 4         | 61        | 26        | 215       | .6        | 36        | 9         | 113       | 3.03    | 32        | 5        | ND        | 5         | 48        | 2         | 2         | 2         | 61       | .59     | .117   | 22        | 25        | .82     | 307       | .02     | 7        | 1.60    | .01     | .17    | 1        | 5          |
| L 8400E 9500N  | 2         | 63        | 23        | 229       | .7        | 37        | 10        | 157       | 3.10    | 41        | 5        | ND        | 6         | 40        | 2         | 2         | 2         | 61       | .45     | .123   | 22        | 25        | .78     | 348       | .01     | 5        | 1.64    | .01     | .15    | 1        | 2          |
| L 8400E 9750N  | 1         | 30        | 21        | 148       | .5        | 21        | 6         | 228       | 2.08    | 16        | 5        | ND        | 2         | 32        | 1         | 2         | 2         | 46       | .39     | .093   | 18        | 19        | .64     | 272       | .01     | 6        | 1.39    | .01     | .12    | 1        | 43         |
| L 8400E 9700N  | 1         | 15        | 3         | 40        | .4        | 8         | 3         | 79        | .84     | 6         | 5        | ND        | 1         | 16        | 1         | 2         | 9         | 16       | .19     | .047   | 4         | 4         | .09     | 99        | .02     | 2        | .42     | .02     | .03    | 1        | 3          |
| L 8400E 9650N  | 1         | 24        | 10        | 64        | .4        | 8         | 2         | 34        | 1.23    | 13        | 5        | ND        | 2         | 13        | 1         | 2         | 2         | 32       | .11     | .058   | 11        | 13        | .35     | 118       | .01     | 3        | .82     | .01     | .07    | 1        | 1          |
| L 8400E 9600N  | 2         | 66        | 22        | 225       | .5        | 35        | 8         | 310       | 2.79    | 26        | 5        | ND        | 4         | 41        | 1         | 2         | 2         | 59       | .45     | .131   | 23        | 25        | .81     | 339       | .02     | 6        | 1.62    | .01     | .15    | 1        | 15         |
| L 8600E 19850N | 1         | 16        | 2         | 28        | .2        | 4         | 1         | 28        | .27     | 2         | 5        | ND        | 1         | 91        | 1         | 2         | 2         | 5        | 1.80    | .057   | 4         | 2         | .04     | 202       | .01     | 5        | .53     | .01     | .01    | 1        | 3          |
| L 8600E 19800N | 1         | 15        | 6         | 43        | .3        | 7         | 4         | 55        | 1.99    | 7         | 5        | ND        | 1         | 103       | 2         | 2         | 3         | 18       | 1.40    | .069   | 10        | 10        | .15     | 451       | .01     | 3        | .64     | .01     | .04    | 1        | 6          |
| L 8600E 19750N | 3         | 24        | 9         | 50        | .6        | 12        | 8         | 308       | 2.48    | 12        | 5        | ND        | 2         | 44        | 1         | 2         | 2         | 28       | .58     | .074   | 12        | 10        | .29     | 275       | .01     | 8        | .89     | .01     | .07    | 1        | 6          |
| L 8600E 10700N | 2         | 42        | 19        | 116       | .9        | 28        | 14        | 516       | 2.90    | 11        | 5        | ND        | 2         | 56        | 1         | 2         | 3         | 58       | .77     | .080   | 17        | 22        | .53     | 675       | .01     | 8        | 2.10    | .01     | .14    | 1        | 10         |
| L 8600E 10650N | 3         | 41        | 14        | 125       | .2        | 26        | 9         | 260       | 3.24    | 18        | 5        | ND        | 4         | 33        | 1         | 2         | 3         | 48       | .31     | .101   | 20        | 18        | .61     | 307       | .01     | 8        | 1.52    | .01     | .13    | 1        | 7          |
| L 8600E 10600N | 2         | 23        | 17        | 98        | .1        | 13        | 7         | 266       | 3.42    | 22        | 5        | ND        | 3         | 14        | 1         | 2         | 2         | 61       | .11     | .098   | 19        | 19        | .50     | 241       | .01     | 3        | 1.64    | .01     | .13    | 1        | 7          |
| L 8600E 10550N | 2         | 37        | 17        | 105       | .1        | 23        | 10        | 378       | 3.25    | 23        | 5        | ND        | 4         | 28        | 1         | 2         | 2         | 48       | .21     | .105   | 19        | 17        | .54     | 262       | .01     | 7        | 1.38    | .01     | .13    | 1        | 14         |
| L 8600E 10500N | 1         | 21        | 3         | 48        | .2        | 10        | 3         | 187       | .76     | 6         | 5        | ND        | 1         | 52        | 2         | 2         | 2         | 21       | 1.02    | .065   | 5         | 6         | .14     | 240       | .02     | 3        | .61     | .02     | .03    | 1        | 5          |
| L 8600E 10450N | 1         | 26        | 8         | 61        | .5        | 14        | 5         | 164       | 1.50    | 6         | 5        | ND        | 2         | 43        | 1         | 2         | 2         | 34       | .61     | .059   | 14        | 13        | .39     | 419       | .01     | 5        | 1.21    | .01     | .09    | 1        | 8          |
| L 8600E 10350N | 2         | 14        | 24        | 60        | .3        | 8         | 4         | 155       | 2.61    | 21        | 5        | ND        | 2         | 11        | 1         | 2         | 2         | 58       | .06     | .042   | 15        | 17        | .46     | 196       | .01     | 2        | 1.37    | .01     | .08    | 1        | 6          |
| L 8600E 10300N | 1         | 13        | 15        | 74        | .2        | 8         | 7         | 187       | 2.27    | 10        | 5        | ND        | 2         | 14        | 1         | 2         | 2         | 46       | .15     | .038   | 16        | 16        | .40     | 304       | .01     | 2        | 1.37    | .01     | .08    | 1        | 8          |
| L 8600E 10250N | 1         | 14        | 18        | 148       | .1        | 16        | 7         | 119       | 2.40    | 6         | 5        | ND        | 3         | 30        | 1         | 2         | 2         | 43       | .47     | .022   | 12        | 34        | .91     | 206       | .08     | 3        | 2.96    | .01     | .07    | 1        | 1          |
| L 8600E 10200N | 1         | 314       | 185       | 342       | 7.2       | 23        | 12        | 288       | 3.88    | 7769      | 5        | ND        | 6         | 76        | 4         | 29        | 5         | 44       | .90     | .067   | 18        | 23        | .83     | 302       | .02     | 2        | 2.15    | .03     | .17    | 1        | 1          |
| L 8600E 10150N | 3         | 114       | 13        | 230       | .7        | 27        | 6         | 119       | 1.82    | 99        | 5        | ND        | 1         | 73        | 1         | 2         | 2         | 81       | 1.55    | .043   | 12        | 22        | 1.56    | 260       | .03     | 3        | 1.95    | .01     | .17    | 1        | 15         |
| L 8600E 10100N | 1         | 10        | 2         | 25        | .2        | 3         | 1         | 41        | .33     | 8         | 5        | ND        | 1         | 42        | 1         | 2         | 2         | 9        | 1.06    | .031   | 2         | 2         | .05     | 56        | .02     | 4        | .30     | .03     | .02    | 1        | 7          |
| L 8600E 10050N | 3         | 67        | 14        | 152       | .5        | 55        | 8         | 623       | 2.46    | 14        | 5        | ND        | 3         | 66        | 1         | 2         | 4         | 80       | 1.43    | .156   | 24        | 26        | 1.77    | 341       | .02     | 7        | 1.64    | .01     | .20    | 1        | 9          |
| L 8600E 9800N  | 2         | 62        | 23        | 190       | .6        | 27        | 6         | 168       | 2.94    | 28        | 5        | ND        | 5         | 33        | 3         | 2         | 3         | 60       | .32     | .114   | 21        | 25        | .72     | 301       | .01     | 10       | 1.65    | .01     | .14    | 1        | 7          |
| L 8600E 9750N  | 2         | 60        | 26        | 177       | .6        | 34        | 7         | 163       | 2.57    | 21        | 5        | ND        | 3         | 45        | 2         | 2         | 2         | 56       | .50     | .126   | 21        | 23        | .63     | 365       | .01     | 6        | 1.49    | .01     | .13    | 1        | 6          |
| L 8600E 9700N  | 2         | 48        | 25        | 206       | .4        | 27        | 8         | 192       | 2.83    | 26        | 5        | ND        | 4         | 33        | 2         | 2         | 2         | 57       | .32     | .104   | 22        | 24        | .73     | 309       | .02     | 5        | 1.59    | .01     | .14    | 1        | 15         |
| L 8600E 9650N  | 2         | 64        | 26        | 229       | .8        | 36        | 9         | 232       | 3.08    | 31        | 5        | ND        | 6         | 41        | 1         | 2         | 2         | 62       | .42     | .119   | 26        | 27        | .87     | 338       | .02     | 12       | 1.78    | .01     | .18    | 1        | 4          |
| L 8600E 9600N  | 1         | 66        | 25        | 228       | .5        | 34        | 9         | 146       | 2.36    | 22        | 5        | ND        | 6         | 37        | 2         | 2         | 3         | 59       | .38     | .112   | 23        | 26        | .78     | 339       | .02     | 8        | 1.63    | .01     | .15    | 1        | 1          |
| L 8600E 9550N  | 1         | 13        | 7         | 46        | .3        | 7         | 3         | 55        | 1.02    | 7         | 5        | ND        | 1         | 18        | 1         | 2         | 2         | 18       | .23     | .041   | 7         | 8         | .22     | 134       | .01     | 3        | .54     | .02     | .04    | 1        | 7          |
| L 8600E 9500N  | 2         | 49        | 44        | 146       | .3        | 32        | 8         | 263       | 2.72    | 30        | 5        | ND        | 4         | 36        | 1         | 2         | 2         | 41       | .36     | .095   | 25        | 19        | .86     | 339       | .01     | 11       | 1.24    | .01     | .12    | 1        | 5          |
| L 8600E 9450N  | 3         | 23        | 12        | 86        | .1        | 16        | 5         | 112       | 2.04    | 20        | 5        | ND        | 2         | 10        | 1         | 2         | 3         | 50       | .05     | .040   | 25        | 13        | .38     | 234       | .01     | 4        | .76     | .01     | .09    | 1        | 1          |
| L 8800E 10900N | 2         | 45        | 19        | 104       | .8        | 24        | 7         | 229       | 2.60    | 17        | 5        | ND        | 2         | 52        | 1         | 2         | 2         | 45       | .61     | .130   | 17        | 16        | .45     | 464       | .01     | 10       | 1.46    | .01     | .10    | 1        | 8          |
| L 8800E 10850N | 2         | 30        | 13        | 103       | .2        | 19        | 7         | 195       | 2.42    | 14        | 5        | ND        | 2         | 45        | 1         | 2         | 2         | 42       | .61     | .062   | 17        | 17        | .44     | 401       | .01     | 9        | 1.35    | .01     | .09    | 1        | 11         |
| L 8800E 10800N | 2         | 23        | 15        | 75        | .3        | 13        | 6         | 178       | 3.10    | 19        | 5        | ND        | 4         | 11        | 1         | 2         | 2         | 59       | .09     | .043   | 19        | 17        | .38     | 243       | .01     | 2        | 1.48    | .01     | .10    | 1        | 1          |
| L 8800E 10750N | 2         | 22        | 15        | 91        | .4        | 17        | 9         | 404       | 2.38    | 13        | 5        | ND        | 3         | 24        | 1         | 2         | 2         | 45       | .27     | .080   | 18        | 18        | .52     | 321       | .01     | 4        | 1.54    | .01     | .11    | 1        | 11         |
| L 8800E 10700N | 2         | 23        | 13        | 89        | .2        | 15        | 10        | 401       | 2.35    | 12        | 5        | ND        | 2         | 24        | 1         | 2         | 2         | 46       | .26     | .079   | 18        | 19        | .51     | 316       | .01     | 4        | 1.54    | .01     | .11    | 1        | 8          |
| L 8800E 10650N | 1         | 28        | 15        | 99        | .2        | 17        | 7         | 198       | 2.20    | 12        | 5        | ND        | 1         | 50        | 1         | 2         | 3         | 39       | .73     | .063   | 14        | 15        | .40     | 394       | .01     | 4        | 1.29    | .01     | .09    | 1        | 1          |
| STD C/AU-S     | 19        | 64        | 38        | 132       | 6.7       | 74        | 31        | 1017      | 4.07    | 42        | 20       | 7         | 39        | 49        | 19        | 18        | 19        | 59       | .49     | .091   | 39        | 54        | .88     | 171       | .07     | 33       | 1.97    | .06     | .14    | 13       | 52         |

| SAMPLE#        | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Tl<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Hg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 8800E 12600N | 2         | 30        | 26        | 96        | .1        | 18        | 9         | 244       | 3.18    | 22        | 5        | ND        | 4         | 14        | 1         | 2         | 2         | 56       | .12     | .052   | 20        | 21        | .53     | 292       | .01     | 5        | 1.76    | .01     | .13    | 1        | 4          |
| L 8800E 10550N | 2         | 40        | 16        | 110       | .9        | 19        | 8         | 491       | 2.49    | 10        | 5        | ND        | 1         | 52        | 1         | 2         | 2         | 55       | .71     | .075   | 16        | 20        | .38     | 639       | .01     | 5        | 1.92    | .01     | .13    | 1        | 3          |
| L 8800E 13450N | 1         | 59        | 18        | 123       | 1.1       | 28        | 10        | 449       | 2.42    | 11        | 5        | ND        | 3         | 65        | 1         | 2         | 2         | 52       | 1.29    | .084   | 18        | 22        | .51     | 664       | .01     | 5        | 1.93    | .01     | .13    | 1        | 4          |
| L 8800E 10400N | 1         | 24        | 13        | 71        | .1        | 16        | 7         | 634       | 2.12    | 12        | 5        | ND        | 2         | 45        | 1         | 2         | 2         | 36       | .56     | .078   | 15        | 15        | .46     | 358       | .01     | 4        | 1.19    | .01     | .39    | 1        | 2          |
| L 8800E 10350N | 3         | 28        | 13        | 96        | .2        | 18        | 7         | 221       | 3.57    | 23        | 5        | ND        | 4         | 16        | 1         | 2         | 2         | 62       | .15     | .079   | 23        | 20        | .57     | 301       | .01     | 4        | 1.61    | .01     | .13    | 1        | 3          |
| L 8800E 10300N | 2         | 23        | 28        | 99        | .1        | 11        | 7         | 258       | 2.21    | 17        | 5        | ND        | 2         | 22        | 1         | 2         | 2         | 45       | .22     | .094   | 16        | 16        | .46     | 199       | .01     | 6        | 1.15    | .01     | .11    | 1        | 1          |
| L 8800E 10250N | 2         | 63        | 14        | 136       | .6        | 33        | 11        | 636       | 2.33    | 10        | 5        | ND        | 1         | 117       | 2         | 2         | 2         | 40       | 2.08    | .108   | 16        | 20        | .93     | 487       | .02     | 5        | 1.49    | .01     | .08    | 1        | 5          |
| L 8800E 10150N | 3         | 66        | 17        | 141       | .5        | 23        | 9         | 334       | 2.46    | 163       | 5        | ND        | 4         | 54        | 1         | 4         | 2         | 43       | 1.00    | .098   | 17        | 19        | .66     | 363       | .01     | 6        | 1.36    | .01     | .12    | 2        | 5          |
| L 8800E 10100N | 3         | 156       | 53        | 241       | 1.0       | 31        | 9         | 386       | 3.14    | 1755      | 5        | ND        | 5         | 59        | 2         | 6         | 2         | 49       | .92     | .114   | 21        | 20        | .69     | 332       | .01     | 6        | 1.39    | .01     | .17    | 1        | 10         |
| L 8800E 10050N | 3         | 52        | 26        | 200       | .4        | 37        | 19        | 457       | 2.72    | 51        | 5        | ND        | 4         | 53        | 1         | 3         | 3         | 58       | .70     | .133   | 20        | 23        | .81     | 358       | .02     | 8        | 1.52    | .01     | .16    | 1        | 9          |
| L 8800E 9950N  | 2         | 25        | 15        | 76        | .3        | 11        | 6         | 204       | 2.70    | 21        | 5        | ND        | 2         | 21        | 1         | 2         | 2         | 56       | .28     | .035   | 16        | 21        | .53     | 225       | .04     | 2        | 1.56    | .01     | .09    | 1        | 2          |
| L 8800E 9900N  | 1         | 35        | 51        | 111       | .7        | 13        | 5         | 305       | 1.85    | 142       | 5        | ND        | 1         | 56        | 1         | 2         | 2         | 32       | .93     | .066   | 12        | 19        | .44     | 230       | .03     | 2        | 1.24    | .02     | .06    | 1        | 3          |
| L 8800E 9800N  | 3         | 66        | 62        | 237       | .6        | 31        | 10        | 396       | 2.92    | 95        | 5        | ND        | 7         | 60        | 2         | 2         | 2         | 51       | .55     | .118   | 24        | 21        | .63     | 471       | .02     | 5        | 1.39    | .01     | .14    | 2        | 9          |
| L 8800E 9750N  | 1         | 67        | 111       | 197       | 1.1       | 25        | 9         | 493       | 2.50    | 91        | 5        | ND        | 1         | 96        | 5         | 2         | 2         | 41       | 1.85    | .064   | 21        | 23        | .56     | 800       | .03     | 4        | 1.75    | .01     | .08    | 1        | 7          |
| L 9000E 10100N | 2         | 30        | 14        | 116       | .2        | 17        | 8         | 360       | 2.48    | 20        | 5        | ND        | 3         | 49        | 1         | 2         | 2         | 51       | .63     | .104   | 17        | 20        | .65     | 298       | .01     | 3        | 1.38    | .01     | .14    | 1        | 5          |
| L 9000E 10050N | 3         | 29        | 15        | 80        | .4        | 16        | 8         | 731       | 2.29    | 14        | 5        | ND        | 4         | 46        | 1         | 2         | 2         | 42       | .55     | .093   | 16        | 17        | .56     | 274       | .02     | 5        | 1.27    | .01     | .10    | 2        | 1          |
| L 9000E 10000N | 2         | 26        | 15        | 97        | .1        | 18        | 9         | 393       | 2.73    | 16        | 5        | ND        | 6         | 49        | 1         | 2         | 2         | 53       | .66     | .111   | 23        | 25        | .99     | 279       | .06     | 6        | 1.65    | .01     | .14    | 2        | 4          |
| L 9000E 9950N  | 3         | 32        | 21        | 114       | .1        | 17        | 8         | 278       | 3.04    | 15        | 5        | ND        | 5         | 46        | 1         | 2         | 2         | 55       | .58     | .111   | 26        | 24        | .89     | 353       | .03     | 11       | 1.68    | .01     | .15    | 2        | 5          |
| L 9000E 9900N  | 2         | 41        | 25        | 124       | .2        | 26        | 8         | 302       | 2.85    | 25        | 5        | ND        | 4         | 43        | 1         | 2         | 2         | 55       | .46     | .092   | 22        | 23        | .71     | 374       | .02     | 6        | 1.52    | .01     | .13    | 1        | 3          |
| L 9000E 9750N  | 3         | 35        | 83        | 181       | .1        | 15        | 7         | 273       | 3.04    | 415       | 5        | ND        | 3         | 20        | 1         | 2         | 2         | 69       | .19     | .039   | 18        | 26        | 1.01    | 267       | .05     | 4        | 1.80    | .01     | .10    | 1        | 5          |
| L 9000E 9700N  | 2         | 86        | 170       | 379       | .8        | 28        | 12        | 464       | 4.11    | 2119      | 5        | ND        | 6         | 50        | 2         | 4         | 2         | 48       | .54     | .088   | 24        | 25        | 1.47    | 332       | .03     | 4        | 1.81    | .01     | .16    | 1        | 10         |
| L 9000E 9600N  | 4         | 55        | 24        | 133       | .2        | 22        | 5         | 144       | 2.83    | 59        | 5        | ND        | 2         | 21        | 1         | 2         | 2         | 52       | .17     | .060   | 24        | 23        | .57     | 428       | .01     | 3        | 1.64    | .01     | .12    | 1        | 9          |
| L 9000E 9550N  | 3         | 27        | 20        | 97        | .1        | 17        | 6         | 168       | 2.86    | 35        | 5        | ND        | 4         | 9         | 1         | 2         | 2         | 63       | .04     | .027   | 20        | 21        | .59     | 250       | .01     | 3        | 1.58    | .01     | .10    | 1        | 7          |
| L 9000E 9500N  | 1         | 18        | 8         | 52        | .2        | 10        | 3         | 78        | .98     | 6         | 5        | ND        | 1         | 14        | 1         | 2         | 2         | 22       | .12     | .044   | 7         | 7         | .14     | 247       | .01     | 2        | .67     | .02     | .06    | 1        | 1          |
| L 9200E 10450N | 1         | 34        | 6         | 65        | .4        | 15        | 4         | 126       | 1.14    | 6         | 5        | ND        | 1         | 41        | 1         | 2         | 3         | 26       | .67     | .071   | 9         | 10        | .28     | 262       | .01     | 3        | 1.11    | .02     | .07    | 1        | 2          |
| L 9200E 10400N | 3         | 68        | 17        | 128       | .6        | 26        | 7         | 208       | 3.70    | 22        | 5        | ND        | 4         | 22        | 1         | 2         | 2         | 81       | .17     | .200   | 23        | 33        | .46     | 826       | .01     | 3        | 2.94    | .01     | .15    | 2        | 4          |
| L 9200E 10350N | 1         | 19        | 4         | 28        | .1        | 6         | 2         | 54        | .84     | 5         | 5        | ND        | 1         | 24        | 1         | 2         | 2         | 21       | .29     | .045   | 7         | 7         | .09     | 179       | .01     | 4        | .76     | .02     | .04    | 1        | 1          |
| L 9200E 10300N | 2         | 24        | 9         | 68        | .2        | 12        | 6         | 347       | 1.92    | 13        | 5        | ND        | 2         | 45        | 1         | 2         | 3         | 32       | .53     | .109   | 15        | 14        | .42     | 235       | .01     | 5        | 1.04    | .01     | .08    | 1        | 2          |
| L 9200E 10250N | 1         | 51        | 7         | 77        | 1.0       | 23        | 5         | 333       | 1.59    | 7         | 5        | ND        | 1         | 64        | 1         | 2         | 2         | 34       | 1.20    | .076   | 10        | 14        | .27     | 375       | .01     | 4        | 1.25    | .02     | .09    | 2        | 2          |
| L 9200E 10150N | 1         | 44        | 11        | 105       | .2        | 20        | 9         | 403       | 2.47    | 11        | 5        | ND        | 1         | 89        | 1         | 2         | 2         | 35       | 1.49    | .077   | 12        | 19        | .66     | 174       | .04     | 5        | 1.62    | .02     | .11    | 1        | 3          |
| L 9200E 10100N | 1         | 28        | 13        | 77        | .3        | 16        | 14        | 1367      | 2.20    | 15        | 5        | ND        | 2         | 61        | 1         | 2         | 2         | 37       | 1.06    | .087   | 13        | 17        | .59     | 233       | .02     | 5        | 1.33    | .01     | .10    | 1        | 6          |
| L 9200E 10050N | 2         | 33        | 14        | 99        | .3        | 18        | 9         | 504       | 2.28    | 12        | 5        | ND        | 1         | 81        | 1         | 2         | 2         | 36       | 1.53    | .094   | 15        | 16        | .63     | 324       | .02     | 8        | 1.21    | .01     | .12    | 1        | 2          |
| L 9200E 9900N  | 2         | 52        | 92        | 228       | .3        | 28        | 9         | 335       | 3.38    | 130       | 5        | ND        | 5         | 35        | 1         | 2         | 2         | 56       | .23     | .080   | 20        | 25        | .82     | 343       | .01     | 4        | 2.06    | .01     | .15    | 2        | 6          |
| L 9200E 9850N  | 3         | 43        | 95        | 292       | .1        | 23        | 9         | 324       | 2.97    | 127       | 5        | ND        | 6         | 44        | 1         | 3         | 2         | 55       | .26     | .065   | 24        | 24        | .67     | 355       | .02     | 3        | 1.78    | .01     | .13    | 1        | 6          |
| L 9200E 9800N  | 3         | 53        | 29        | 149       | .2        | 30        | 9         | 318       | 2.77    | 35        | 5        | ND        | 4         | 38        | 1         | 2         | 2         | 58       | .36     | .084   | 25        | 25        | .68     | 529       | .02     | 6        | 1.52    | .01     | .13    | 1        | 5          |
| L 9200E 9700N  | 3         | 57        | 46        | 226       | .9        | 27        | 9         | 430       | 2.65    | 150       | 5        | ND        | 3         | 58        | 1         | 2         | 2         | 46       | .90     | .077   | 17        | 24        | .86     | 276       | .03     | 8        | 1.52    | .01     | .12    | 2        | 7          |
| STD C/AU-S     | 19        | 58        | 42        | 132       | 6.7       | 74        | 31        | 1120      | 4.12    | 45        | 22       | 7         | 39        | 48        | 19        | 14        | 22        | 60       | .50     | .090   | 39        | 60        | .90     | 174       | .07     | 34       | 2.04    | .06     | .13    | 13       | 52         |

| SAMPLE#        | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Hg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 9200E 9550N  | 2         | 49        | 33        | 321       | .1        | 26        | 9         | 292       | 3.22    | 157       | 5        | ND        | 8         | 52        | 1         | 2         | 4         | 55       | .26     | .072   | 24        | 25        | .73     | 420       | .02     | 8        | 1.97    | .01     | .14    | 2        | 2          |
| L 9200E 9600N  | 3         | 52        | 36        | 166       | .3        | 39        | 10        | 337       | 2.92    | 42        | 5        | ND        | 6         | 38        | 1         | 2         | 2         | 63       | .36     | .085   | 27        | 26        | .69     | 543       | .02     | 8        | 1.70    | .01     | .16    | 1        | 4          |
| L 9200E 9550N  | 2         | 45        | 28        | 157       | .1        | 30        | 8         | 241       | 2.90    | 34        | 5        | ND        | 5         | 34        | 1         | 2         | 2         | 66       | .31     | .082   | 25        | 26        | .69     | 453       | .02     | 6        | 1.68    | .01     | .16    | 2        | 4          |
| L 9200E 9500N  | 2         | 52        | 51        | 216       | .8        | 29        | 9         | 346       | 2.80    | 164       | 5        | ND        | 4         | 55        | 1         | 2         | 3         | 49       | .68     | .081   | 18        | 23        | .95     | 282       | .04     | 8        | 1.57    | .01     | .13    | 2        | 3          |
| L 9400E 10550N | 1         | 22        | 12        | 60        | .3        | 10        | 4         | 283       | 1.99    | 3         | 5        | ND        | 2         | 18        | 1         | 2         | 2         | 42       | .26     | .076   | 18        | 19        | .43     | 241       | .01     | 11       | 1.38    | .01     | .10    | 1        | 3          |
| L 9400E 10600N | 2         | 35        | 9         | 118       | .3        | 13        | 9         | 381       | 2.95    | 10        | 5        | ND        | 4         | 46        | 1         | 2         | 3         | 60       | .61     | .112   | 25        | 27        | .69     | 446       | .01     | 11       | 2.18    | .01     | .16    | 1        | 4          |
| L 9400E 10550N | 2         | 52        | 13        | 141       | .4        | 31        | 8         | 192       | 3.28    | 13        | 5        | ND        | 5         | 43        | 1         | 2         | 2         | 54       | .56     | .120   | 27        | 26        | .91     | 388       | .01     | 11       | 1.86    | .01     | .16    | 1        | 5          |
| L 9400E 10500N | 3         | 24        | 15        | 84        | .1        | 12        | 14        | 1052      | 3.06    | 11        | 5        | ND        | 4         | 24        | 1         | 2         | 2         | 57       | .25     | .089   | 25        | 25        | .72     | 337       | .01     | 8        | 1.83    | .01     | .17    | 2        | 3          |
| L 9400E 10150N | 1         | 24        | 12        | 62        | .4        | 12        | 3         | 59        | 1.48    | 3         | 5        | ND        | 4         | 39        | 1         | 2         | 4         | 24       | .59     | .089   | 19        | 19        | .55     | 313       | .01     | 5        | 1.28    | .01     | .11    | 1        | 3          |
| L 9400E 10400N | 1         | 90        | 22        | 138       | 1.0       | 39        | 14        | 404       | 2.30    | 17        | 5        | ND        | 3         | 66        | 3         | 2         | 3         | 47       | 1.28    | .104   | 19        | 20        | .59     | 323       | .01     | 8        | 1.46    | .01     | .12    | 1        | 13         |
| L 9400E 10350N | 1         | 51        | 11        | 68        | .5        | 19        | 6         | 254       | 1.53    | 8         | 5        | ND        | 2         | 46        | 1         | 2         | 3         | 35       | .64     | .070   | 12        | 16        | .33     | 291       | .01     | 10       | 1.05    | .01     | .10    | 1        | 2          |
| L 9400E 10300N | 4         | 36        | 18        | 109       | .3        | 20        | 6         | 270       | 2.62    | 22        | 5        | ND        | 5         | 59        | 1         | 2         | 2         | 47       | .57     | .129   | 22        | 18        | .52     | 238       | .01     | 15       | 1.17    | .01     | .14    | 1        | 3          |
| L 9400E 10250N | 3         | 37        | 17        | 111       | .2        | 22        | 8         | 268       | 2.55    | 22        | 5        | ND        | 5         | 49        | 1         | 2         | 2         | 45       | .50     | .087   | 21        | 19        | .56     | 274       | .01     | 4        | 1.24    | .01     | .13    | 2        | 2          |
| L 9400E 10200N | 3         | 22        | 4         | 53        | .4        | 10        | 6         | 7201      | 1.88    | 9         | 5        | ND        | 1         | 85        | 2         | 2         | 2         | 18       | 1.54    | .108   | 6         | 6         | .12     | 394       | .01     | 6        | .92     | .02     | .04    | 1        | 2          |
| L 9400E 10150N | 2         | 55        | 21        | 80        | .4        | 24        | 10        | 835       | 2.73    | 16        | 5        | ND        | 2         | 131       | 1         | 2         | 3         | 45       | 2.46    | .097   | 16        | 19        | .51     | 387       | .03     | 6        | 1.61    | .01     | .11    | 1        | 4          |
| L 9400E 10100N | 1         | 43        | 9         | 84        | .4        | 30        | 11        | 543       | 2.96    | 15        | 5        | ND        | 4         | 115       | 1         | 2         | 2         | 63       | 1.41    | .089   | 17        | 42        | 1.20    | 236       | .13     | 7        | 2.93    | .07     | .19    | 2        | 4          |
| L 9400E 10050N | 1         | 21        | 16        | 52        | .3        | 14        | 7         | 138       | 2.27    | 11        | 5        | ND        | 3         | 23        | 1         | 2         | 4         | 48       | .26     | .042   | 20        | 18        | .39     | 259       | .02     | 9        | 1.88    | .01     | .10    | 1        | 1          |
| L 9400E 10000N | 2         | 27        | 15        | 80        | .2        | 18        | 10        | 209       | 3.78    | 19        | 5        | ND        | 5         | 23        | 1         | 2         | 2         | 74       | .18     | .024   | 19        | 32        | .91     | 471       | .02     | 13       | 3.09    | .01     | .18    | 3        | 1          |
| L 9400E 9950N  | 1         | 28        | 20        | 75        | .3        | 17        | 7         | 178       | 2.34    | 8         | 5        | ND        | 3         | 50        | 1         | 2         | 2         | 59       | .53     | .034   | 12        | 34        | 1.13    | 102       | .13     | 2        | 2.53    | .03     | .10    | 1        | 1          |
| L 9400E 9900N  | 1         | 20        | 36        | 96        | .1        | 21        | 11        | 135       | 3.50    | 15        | 5        | ND        | 7         | 79        | 1         | 2         | 2         | 51       | .67     | .066   | 17        | 54        | 1.52    | 249       | .14     | 2        | 6.62    | .06     | .15    | 1        | 1          |
| L 9400E 9850N  | 1         | 41        | 133       | 87        | .5        | 2         | 3         | 32        | 2.43    | 175       | 6        | ND        | 3         | 10        | 2         | 2         | 3         | 28       | .08     | .029   | 7         | 7         | .11     | 57        | .04     | 2        | 1.05    | .01     | .03    | 1        | 1          |
| L 9400E 9800N  | 1         | 41        | 250       | 452       | .5        | 5         | 6         | 109       | 3.23    | 109       | 5        | ND        | 7         | 18        | 3         | 2         | 2         | 42       | .12     | .041   | 14        | 13        | .16     | 122       | .03     | 2        | 3.12    | .01     | .03    | 1        | 2          |
| L 9400E 9750N  | 1         | 387       | 123       | 186       | 2.5       | 3         | 2         | 74        | 1.04    | 226       | 5        | ND        | 1         | 34        | 4         | 2         | 3         | 8        | .54     | .170   | 27        | 7         | .10     | 85        | .01     | 4        | 1.11    | .02     | .03    | 1        | 1          |
| L 9400E 9700N  | 1         | 54        | 14        | 194       | .4        | 35        | 5         | 132       | 1.95    | 112       | 5        | ND        | 3         | 43        | 1         | 2         | 3         | 31       | .68     | .086   | 19        | 26        | 1.30    | 209       | .03     | 4        | 1.49    | .01     | .11    | 1        | 5          |
| L 9600E 10700N | 3         | 39        | 18        | 119       | .5        | 13        | 9         | 303       | 3.26    | 24        | 5        | ND        | 5         | 38        | 1         | 2         | 3         | 54       | .48     | .115   | 24        | 23        | .66     | 396       | .01     | 12       | 1.63    | .01     | .15    | 1        | 4          |
| L 9600E 10650N | 1         | 32        | 12        | 93        | .4        | 19        | 6         | 146       | 2.34    | 10        | 5        | ND        | 4         | 33        | 1         | 2         | 2         | 54       | .43     | .086   | 22        | 26        | .62     | 400       | .01     | 5        | 1.81    | .01     | .15    | 1        | 2          |
| L 9600E 10600N | 2         | 21        | 10        | 46        | .5        | 8         | 3         | 110       | 1.33    | 6         | 5        | ND        | 3         | 27        | 1         | 2         | 2         | 32       | .40     | .059   | 14        | 15        | .30     | 226       | .01     | 3        | 1.04    | .01     | .09    | 2        | 1          |
| L 9600E 10500N | 1         | 37        | 15        | 89        | .4        | 20        | 5         | 51        | 1.82    | 10        | 5        | ND        | 5         | 40        | 1         | 2         | 2         | 47       | .64     | .074   | 20        | 23        | .62     | 320       | .01     | 7        | 1.60    | .01     | .12    | 1        | 4          |
| L 9600E 10450N | 2         | 43        | 15        | 93        | .4        | 23        | 9         | 177       | 2.38    | 10        | 5        | ND        | 5         | 53        | 1         | 2         | 2         | 44       | .74     | .103   | 19        | 20        | .57     | 287       | .01     | 7        | 1.31    | .01     | .12    | 1        | 5          |
| L 9600E 10400N | 3         | 38        | 14        | 83        | 1.3       | 25        | 7         | 162       | 3.99    | 38        | 5        | ND        | 3         | 72        | 1         | 2         | 3         | 54       | 1.24    | .124   | 12        | 19        | .37     | 441       | .01     | 4        | 1.43    | .01     | .11    | 1        | 8          |
| L 9600E 10350N | 3         | 36        | 19        | 70        | .7        | 17        | 11        | 583       | 2.26    | 13        | 5        | ND        | 4         | 36        | 1         | 2         | 4         | 53       | .39     | .068   | 16        | 21        | .44     | 376       | .01     | 5        | 1.38    | .01     | .11    | 1        | 2          |
| L 9600E 10300N | 2         | 53        | 12        | 98        | .4        | 27        | 10        | 420       | 2.37    | 14        | 5        | ND        | 6         | 44        | 1         | 2         | 2         | 46       | .32     | .106   | 27        | 21        | .61     | 276       | .01     | 8        | 1.39    | .01     | .12    | 1        | 2          |
| L 9600E 10250N | 1         | 37        | 6         | 50        | 1.1       | 23        | 5         | 378       | .91     | 7         | 5        | ND        | 1         | 93        | 1         | 2         | 2         | 16       | 1.46    | .063   | 9         | 7         | .11     | 391       | .01     | 2        | .85     | .02     | .05    | 1        | 1          |
| L 9600E 10200N | 3         | 41        | 16        | 77        | .3        | 19        | 7         | 226       | 2.92    | 27        | 5        | ND        | 4         | 17        | 1         | 2         | 2         | 47       | .12     | .052   | 20        | 15        | .43     | 234       | .01     | 5        | 1.27    | .01     | .11    | 1        | 2          |
| L 9600E 10150N | 2         | 43        | 17        | 82        | .5        | 23        | 8         | 217       | 2.11    | 19        | 5        | ND        | 4         | 62        | 1         | 2         | 2         | 33       | .89     | .084   | 19        | 14        | .50     | 280       | .01     | 7        | 1.14    | .01     | .11    | 1        | 4          |
| L 9600E 10100N | 4         | 77        | 29        | 130       | .4        | 38        | 12        | 450       | 3.83    | 30        | 5        | ND        | 6         | 42        | 1         | 5         | 2         | 46       | .43     | .081   | 33        | 17        | .70     | 461       | .01     | 7        | 1.52    | .01     | .17    | 1        | 6          |
| STD C/AU-S     | 18        | 61        | 38        | 132       | 6.6       | 68        | 31        | 1014      | 4.09    | 42        | 21       | 7         | 39        | 49        | 18        | 16        | 17        | 59       | .50     | .089   | 39        | 60        | .89     | 178       | .07     | 37       | 2.02    | .06     | .14    | 12       | 47         |

| 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   | AU* |
|-----------------|-----|------|-----|------|------|-----|-----|------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|
|                 | PPM | PPM  | PPM | PPM  | PPM  | PPM | PPM | PPM  | %    | PPM   | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | %    | %    | PPM | PPM | %   | PPM | %   | %  | %    | %   | PPM | PPM |     |
| L 9600E 10052N  | 3   | 39   | 22  | 96   | .1   | 21  | 10  | 296  | 3.87 | 22    | 5   | ND  | 5   | 25  | 1   | 2   | 4   | 53  | .25  | .049 | 27  | 19  | .80 | 366 | .01 | 7  | 2.08 | .01 | .15 | 1   | 3   |
| L 9600E 10000N  | 2   | 13   | 36  | 93   | .1   | 7   | 6   | 310  | 3.71 | 18    | 5   | ND  | 2   | 9   | 1   | 2   | 2   | 55  | .09  | .024 | 21  | 17  | .36 | 261 | .01 | 3  | 1.39 | .01 | .09 | 1   | 9   |
| L 9600E 9950N   | 1   | 16   | 65  | 92   | .5   | 7   | 6   | 703  | 1.44 | 19    | 5   | ND  | 1   | 50  | 1   | 2   | 2   | 32  | .93  | .043 | 12  | 12  | .31 | 171 | .02 | 5  | .83  | .91 | .07 | 1   | 3   |
| L 9600E 9900N   | 2   | 26   | 156 | 297  | 1.0  | 14  | 8   | 392  | 2.79 | 269   | 5   | ND  | 3   | 30  | 1   | 20  | 2   | 48  | .49  | .043 | 14  | 18  | .50 | 256 | .01 | 5  | 1.56 | .01 | .09 | 1   | 1   |
| L 9600E 9850N   | 1   | 49   | 194 | 386  | 1.2  | 13  | 6   | 252  | 2.84 | 279   | 5   | ND  | 5   | 69  | 2   | 7   | 4   | 38  | .43  | .047 | 18  | 13  | .38 | 278 | .01 | 2  | 1.85 | .01 | .08 | 1   | 1   |
| L 9600E 9800N   | 1   | 1035 | 678 | 1689 | 11.2 | 18  | 13  | 496  | 8.61 | 13411 | 5   | ND  | 10  | 186 | 32  | 29  | 34  | 31  | 1.06 | .069 | 21  | 11  | .55 | 452 | .01 | 9  | 1.67 | .01 | .12 | 1   | 1   |
| L 9600E 9750N   | 1   | 766  | 500 | 909  | 9.7  | 19  | 13  | 393  | 7.33 | 14381 | 5   | ND  | 9   | 172 | 16  | 25  | 30  | 30  | .71  | .085 | 22  | 10  | .53 | 340 | .01 | 3  | 1.48 | .01 | .12 | 1   | 3   |
| L 9600E 9700N   | 4   | 37   | 181 | 207  | .2   | 17  | 6   | 226  | 4.24 | 392   | 5   | ND  | 3   | 31  | 1   | 2   | 2   | 57  | .19  | .145 | 21  | 15  | .36 | 226 | .01 | 8  | 1.22 | .01 | .10 | !   | 11  |
| L 9800E 11000N  | 3   | 39   | 37  | 256  | .3   | 29  | 8   | 310  | 3.24 | 35    | 5   | ND  | 5   | 47  | 1   | 2   | 2   | 46  | .52  | .081 | 25  | 19  | .62 | 397 | .01 | 12 | 1.40 | .01 | .12 | 1   | 3   |
| L 9800E 10950N  | 2   | 29   | 17  | 82   | .4   | 14  | 5   | 213  | 1.66 | 17    | 5   | ND  | 3   | 109 | 1   | 2   | 2   | 34  | 1.52 | .093 | 13  | 12  | .32 | 401 | .01 | 4  | .90  | .01 | .06 | 1   | 3   |
| L 9800E 10750N  | 2   | 33   | 9   | 71   | .1   | 17  | 7   | 530  | 1.71 | 15    | 5   | ND  | 1   | 36  | 1   | 2   | 3   | 30  | .49  | .066 | 13  | 10  | .32 | 306 | .01 | 5  | .99  | .01 | .08 | 1   | 3   |
| L 9800E 10700N  | 2   | 32   | 13  | 95   | .2   | 19  | 7   | 149  | 2.37 | 10    | 5   | ND  | 3   | 32  | 1   | 2   | 3   | 40  | .37  | .194 | 21  | 15  | .50 | 240 | .01 | 4  | 1.19 | .01 | .11 | 1   | 3   |
| L 9800E 10500N  | 1   | 25   | 15  | 51   | .5   | 10  | 3   | 42   | 1.44 | 13    | 5   | ND  | 3   | 29  | 1   | 2   | 5   | 38  | .35  | .081 | 16  | 15  | .37 | 208 | .01 | 2  | 1.07 | .01 | .10 | 1   | 2   |
| L 9800E 10450N  | 1   | 39   | 16  | 67   | .6   | 18  | 6   | 76   | 1.96 | 10    | 5   | ND  | 4   | 43  | 1   | 2   | 2   | 38  | .56  | .075 | 20  | 17  | .53 | 284 | .01 | 5  | 1.37 | .01 | .11 | 1   | 4   |
| L 9800E 10400N  | 1   | 3    | 2   | 10   | .1   | 1   | 1   | 24   | .36  | 5     | 5   | ND  | 1   | 19  | 1   | 2   | 2   | 8   | .25  | .011 | 2   | 2   | .03 | 60  | .01 | 2  | .16  | .02 | .02 | 1   | 1   |
| L 9800E 10350N  | 4   | 23   | 21  | 88   | .1   | 16  | 6   | 264  | 4.11 | 26    | 5   | ND  | 3   | 11  | 1   | 2   | 2   | 71  | .04  | .074 | 20  | 19  | .48 | 274 | .01 | 7  | 1.63 | .01 | .11 | 1   | 5   |
| L 9800E 10300N  | 2   | 17   | 12  | 64   | .1   | 11  | 5   | 193  | 2.66 | 15    | 5   | ND  | 3   | 9   | 1   | 2   | 2   | 59  | .03  | .055 | 20  | 15  | .32 | 179 | .01 | 4  | 1.39 | .01 | .07 | 1   | 3   |
| L 9800E 10250N  | 2   | 20   | 9   | 62   | .1   | 11  | 4   | 119  | 1.62 | 9     | 5   | ND  | 1   | 12  | 1   | 2   | 2   | 35  | .08  | .060 | 12  | 10  | .19 | 115 | .01 | 7  | .82  | .01 | .06 | 1   | 7   |
| L 9800E 10250N  | 4   | 54   | 38  | 131  | .4   | 28  | 11  | 505  | 3.67 | 29    | 5   | ND  | 4   | 50  | 1   | 6   | 4   | 35  | .45  | .111 | 27  | 12  | .56 | 340 | .01 | 4  | 1.18 | .01 | .12 | 1   | 12  |
| L 9800E 10100N  | 4   | 36   | 21  | 118  | .2   | 24  | 10  | 225  | 4.59 | 28    | 5   | ND  | 4   | 10  | 1   | 2   | 2   | 62  | .08  | .053 | 24  | 21  | .68 | 312 | .01 | 7  | 2.29 | .01 | .15 | 1   | 4   |
| L 9800E 10050N  | 3   | 27   | 29  | 101  | .1   | 15  | 8   | 271  | 3.24 | 23    | 5   | ND  | 4   | 16  | 1   | 2   | 2   | 62  | .15  | .045 | 21  | 21  | .69 | 287 | .01 | 5  | 1.82 | .01 | .13 | 1   | 1   |
| L 9800E 9950N   | 3   | 30   | 114 | 250  | .1   | 23  | 8   | 273  | 3.74 | 94    | 5   | ND  | 4   | 30  | 1   | 3   | 2   | 61  | .14  | .058 | 21  | 22  | .59 | 243 | .01 | 8  | 1.90 | .01 | .13 | 1   | 6   |
| L 9800E 9900N   | 2   | 20   | 31  | 160  | .5   | 20  | 7   | 190  | 3.16 | 42    | 5   | ND  | 4   | 22  | 1   | 2   | 2   | 54  | .04  | .033 | 23  | 17  | .41 | 208 | .01 | 11 | 1.35 | .01 | .09 | 1   | 3   |
| L 9800E 9850N   | 2   | 43   | 411 | 503  | 4.3  | 12  | 7   | 403  | 3.47 | 895   | 5   | ND  | 3   | 76  | 2   | 20  | 3   | 34  | .50  | .050 | 18  | 12  | .39 | 176 | .01 | 5  | 1.42 | .01 | .07 | 1   | 1   |
| L 9800E 9750N   | 3   | 37   | 109 | 200  | .1   | 15  | 10  | 584  | 4.43 | 167   | 5   | ND  | 3   | 37  | 1   | 7   | 2   | 80  | .24  | .183 | 21  | 21  | .76 | 233 | .03 | 9  | 1.50 | .01 | .18 | 1   | 11  |
| L 10000E 10750N | 3   | 54   | 30  | 132  | .9   | 26  | 11  | 279  | 3.61 | 22    | 5   | ND  | 4   | 47  | 1   | 2   | 3   | 73  | .54  | .108 | 20  | 27  | .65 | 749 | .01 | 13 | 2.28 | .01 | .18 | 1   | 13  |
| L 10000E 10700N | 2   | 40   | 11  | 130  | .2   | 28  | 13  | 337  | 3.00 | 12    | 5   | ND  | 4   | 38  | 1   | 2   | 2   | 45  | .46  | .098 | 27  | 19  | .64 | 533 | .01 | 6  | 1.62 | .01 | .12 | 1   | 6   |
| L 10000E 10600N | 1   | 22   | 11  | 61   | .3   | 10  | 4   | 56   | 1.61 | 8     | 5   | ND  | 4   | 29  | 1   | 2   | 2   | 36  | .39  | .080 | 18  | 17  | .47 | 238 | .01 | 7  | 1.19 | .01 | .09 | 1   | 6   |
| L 10000E 10400N | 3   | 17   | 21  | 44   | .1   | 11  | 3   | 49   | 1.38 | 11    | 5   | ND  | 4   | 29  | 1   | 2   | 2   | 42  | .24  | .039 | 23  | 11  | .20 | 174 | .01 | 2  | .61  | .01 | .06 | 1   | 1   |
| L 10000E 10350N | 3   | 25   | 15  | 99   | .2   | 17  | 7   | 273  | 2.97 | 17    | 5   | ND  | 4   | 18  | 1   | 2   | 2   | 60  | .11  | .065 | 17  | 19  | .40 | 244 | .01 | 4  | 1.56 | .01 | .11 | 1   | 6   |
| L 10000E 10300N | 3   | 20   | 13  | 113  | .2   | 22  | 7   | 226  | 3.21 | 15    | 5   | ND  | 4   | 21  | 1   | 2   | 2   | 68  | .13  | .073 | 20  | 20  | .40 | 418 | .01 | 3  | 1.84 | .01 | .10 | 1   | 4   |
| L 10000E 10250N | 3   | 17   | 17  | 72   | .2   | 13  | 6   | 127  | 2.73 | 16    | 5   | ND  | 5   | 12  | 1   | 2   | 2   | 60  | .08  | .052 | 20  | 18  | .38 | 230 | .01 | 4  | 1.28 | .01 | .08 | 1   | 6   |
| L 10000E 10200N | 4   | 26   | 16  | 90   | .1   | 20  | 7   | 226  | 3.59 | 24    | 5   | ND  | 4   | 13  | 1   | 2   | 2   | 68  | .09  | .045 | 21  | 20  | .47 | 272 | .01 | 3  | 1.61 | .01 | .10 | 1   | 1   |
| L 10000E 10150N | 5   | 42   | 23  | 117  | .1   | 26  | 9   | 230  | 3.48 | 24    | 5   | ND  | 4   | 31  | 1   | 2   | 2   | 60  | .33  | .064 | 23  | 19  | .62 | 451 | .01 | 6  | 1.76 | .01 | .12 | 1   | 2   |
| L 10000E 10050N | 3   | 22   | 59  | 105  | .3   | 14  | 5   | 129  | 1.92 | 37    | 5   | ND  | 3   | 21  | 1   | 5   | 2   | 49  | .12  | .045 | 27  | 11  | .17 | 231 | .01 | 4  | .71  | .01 | .08 | 1   | 3   |
| L 10000E 9950N  | 1   | 13   | 59  | 341  | 1.1  | 8   | 6   | 448  | 1.30 | 15    | 5   | ND  | 3   | 16  | 2   | 2   | 2   | 35  | .21  | .018 | 15  | 15  | .23 | 215 | .01 | 2  | 1.14 | .01 | .05 | 1   | 9   |
| STD C/AU-S      | 18  | 64   | 43  | 132  | 6.7  | 74  | 31  | 1016 | 4.09 | 43    | 17  | 6   | 38  | 49  | 19  | 14  | 22  | 60  | .49  | .088 | 39  | 54  | .88 | 177 | .07 | 40 | 2.01 | .06 | .13 | 12  | 48  |

| 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  | Tl  | B   | Al   | Na  | K   | W   | AU* |
|-----------------|-----|-----|-----|------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
|                 | PPM | PPM | PPM | PPM  | PPM | PPM | PPM | PPM  | %    | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | %    | %    | PPM | PPM | %   | PPM | %   | PPM | %    | %   | PPM | PPM |     |
| L 10000E 9900N  | 1   | 7   | 25  | 27   | .3  | 3   | 1   | 39   | .98  | 2   | 5   | ND  | 1   | 28  | 1   | 2   | 2   | 16  | .06  | .014 | 6   | 5   | .08 | 50  | .01 | 2   | .55  | .02 | .03 | 1   | 1   |
| L 10000E 9800N  | 1   | 93  | 143 | 369  | 1.7 | 22  | 4   | 120  | 1.48 | 126 | 5   | ND  | 2   | 62  | 18  | 3   | 2   | 28  | 1.42 | .058 | 12  | 13  | .44 | 248 | .02 | 7   | 1.23 | .02 | .09 | 2   | 3   |
| L 10000E 9750N  | 1   | 49  | 43  | 154  | .6  | 24  | 4   | 98   | 1.62 | 227 | 5   | ND  | 1   | 46  | 2   | 2   | 2   | 36  | .91  | .030 | 14  | 13  | .21 | 244 | .01 | 4   | .84  | .01 | .08 | 1   | 2   |
| L 10200E 10700N | 2   | 32  | 15  | 132  | .3  | 23  | 7   | 262  | 2.97 | 20  | 5   | ND  | 3   | 30  | 1   | 2   | 2   | 52  | .31  | .078 | 21  | 20  | .53 | 386 | .01 | 7   | 1.51 | .01 | .12 | 1   | 2   |
| L 10200E 10650N | 1   | 4   | 4   | 18   | .1  | 2   | 1   | 21   | .46  | 2   | 5   | ND  | 1   | 13  | 1   | 2   | 2   | 9   | .16  | .028 | 3   | 2   | .05 | 70  | .02 | 5   | .38  | .03 | .02 | 1   | 1   |
| L 10200E 10600N | 2   | 57  | 16  | 130  | .4  | 29  | 7   | 209  | 2.42 | 6   | 5   | ND  | 2   | 65  | 1   | 2   | 2   | 52  | 1.06 | .076 | 25  | 23  | .50 | 751 | .01 | 4   | 1.73 | .01 | .13 | 1   | 3   |
| L 10200E 10550N | 1   | 23  | 12  | 77   | .5  | 12  | 5   | 180  | 1.82 | 4   | 5   | ND  | 1   | 28  | 1   | 2   | 2   | 41  | .35  | .081 | 8   | 14  | .27 | 309 | .01 | 5   | 1.40 | .02 | .09 | 1   | 1   |
| L 10200E 10500N | 3   | 45  | 14  | 126  | .5  | 25  | 8   | 414  | 2.60 | 11  | 5   | ND  | 3   | 59  | 1   | 2   | 2   | 47  | .88  | .116 | 19  | 18  | .58 | 392 | .01 | 9   | 1.35 | .01 | .12 | 1   | 4   |
| L 10200E 10450N | 3   | 57  | 20  | 170  | .7  | 31  | 14  | 647  | 3.46 | 8   | 5   | ND  | 4   | 38  | 1   | 2   | 2   | 83  | .41  | .093 | 21  | 31  | .89 | 505 | .01 | 8   | 2.61 | .01 | .23 | 2   | 11  |
| L 10200E 10400N | 2   | 39  | 13  | 99   | .1  | 17  | 6   | 235  | 2.46 | 10  | 5   | ND  | 2   | 33  | 1   | 2   | 2   | 57  | .43  | .056 | 20  | 20  | .33 | 409 | .01 | 4   | 1.41 | .01 | .12 | 1   | 1   |
| L 10200E 10350N | 3   | 54  | 13  | 104  | .5  | 23  | 5   | 234  | 2.79 | 10  | 5   | ND  | 4   | 24  | 1   | 3   | 2   | 64  | .29  | .052 | 22  | 19  | .39 | 490 | .01 | 2   | 1.62 | .01 | .11 | 1   | 4   |
| L 10200E 10300N | 1   | 44  | 19  | 143  | .9  | 22  | 8   | 148  | 2.41 | 7   | 5   | ND  | 4   | 43  | 1   | 2   | 2   | 55  | .64  | .091 | 21  | 24  | .50 | 650 | .01 | 8   | 1.30 | .01 | .13 | 1   | 4   |
| L 10200E 10200N | 2   | 16  | 11  | 67   | 1.0 | 7   | 3   | 64   | 1.17 | 3   | 5   | ND  | 1   | 21  | 1   | 2   | 3   | 31  | .28  | .095 | 17  | 12  | .42 | 231 | .01 | 7   | 1.06 | .01 | .11 | 1   | 1   |
| L 10200E 10050N | 1   | 14  | 16  | 42   | .2  | 4   | 2   | 41   | 1.01 | 7   | 5   | ND  | 1   | 11  | 1   | 2   | 2   | 32  | .04  | .027 | 28  | 9   | .09 | 170 | .01 | 2   | .62  | .01 | .05 | 1   | 1   |
| L 10200E 10000N | 3   | 35  | 134 | 267  | .6  | 25  | 10  | 343  | 3.94 | 177 | 5   | ND  | 4   | 38  | 1   | 3   | 2   | 78  | .22  | .092 | 24  | 25  | .73 | 387 | .01 | 8   | 2.21 | .01 | .16 | 1   | 4   |
| L 10200E 9950N  | 3   | 23  | 83  | 187  | .6  | 12  | 6   | 247  | 3.04 | 68  | 5   | ND  | 1   | 37  | 1   | 6   | 4   | 52  | .27  | .093 | 20  | 18  | .78 | 321 | .01 | 4   | 1.60 | .01 | .14 | 1   | 1   |
| L 10200E 9900N  | 2   | 57  | 543 | 1130 | 5.5 | 21  | 11  | 458  | 4.05 | 589 | 5   | ND  | 4   | 96  | 4   | 9   | 2   | 48  | 1.27 | .064 | 22  | 22  | .87 | 179 | .02 | 10  | 1.87 | .01 | .15 | 56  | 4   |
| L 10200E 9750N  | 2   | 158 | 122 | 324  | 1.7 | 53  | 8   | 172  | 2.51 | 107 | 5   | ND  | 5   | 98  | 8   | 4   | 4   | 53  | 1.62 | .102 | 25  | 23  | .81 | 474 | .01 | 13  | 1.76 | .01 | .18 | 2   | 8   |
| L 10400E 10600N | 1   | 33  | 21  | 114  | .3  | 19  | 9   | 258  | 2.49 | .1  | 5   | ND  | 3   | 40  | 1   | 2   | 2   | 44  | .55  | .093 | 20  | 19  | .62 | 339 | .01 | 15  | 1.34 | .01 | .12 | 1   | 2   |
| L 10400E 10550N | 2   | 64  | 15  | 118  | .9  | 38  | 8   | 489  | 2.55 | 10  | 5   | ND  | 3   | 62  | 1   | 2   | 2   | 64  | 1.01 | .082 | 18  | 22  | .54 | 576 | .01 | 8   | 1.35 | .01 | .16 | 1   | 4   |
| L 10400E 10500N | 3   | 39  | 16  | 123  | .8  | 27  | 10  | 236  | 3.15 | 14  | 5   | ND  | 6   | 19  | 1   | 2   | 2   | 58  | .13  | .064 | 24  | 22  | .58 | 291 | .01 | 5   | 1.90 | .01 | .12 | 1   | 3   |
| L 10400E 10400N | 3   | 27  | 22  | 136  | .6  | 25  | 10  | 213  | 4.31 | 22  | 5   | ND  | 6   | 21  | 1   | 2   | 2   | 67  | .16  | .073 | 26  | 31  | .67 | 227 | .02 | 9   | 2.17 | .01 | .12 | 2   | 1   |
| L 10400E 10350N | 3   | 25  | 15  | 112  | .1  | 19  | 8   | 262  | 3.48 | 13  | 5   | ND  | 5   | 19  | 1   | 2   | 2   | 70  | .16  | .081 | 26  | 21  | .54 | 277 | .01 | 11  | 1.53 | .01 | .13 | 1   | 1   |
| L 10400E 10300N | 3   | 40  | 17  | 128  | .3  | 26  | 10  | 418  | 2.88 | 15  | 5   | ND  | 4   | 43  | 1   | 2   | 2   | 64  | .50  | .065 | 24  | 20  | .53 | 382 | .01 | 12  | 1.43 | .01 | .13 | 1   | 2   |
| L 10400E 10250N | 3   | 48  | 26  | 135  | .2  | 30  | 13  | 512  | 3.34 | 21  | 5   | ND  | 5   | 37  | 1   | 2   | 2   | 52  | .42  | .105 | 34  | 21  | .61 | 365 | .01 | 6   | 1.42 | .01 | .12 | 2   | 1   |
| L 10400E 10200N | 4   | 29  | 22  | 139  | .4  | 12  | 6   | 158  | 2.96 | 29  | 5   | ND  | 2   | 35  | 1   | 2   | 2   | 62  | .75  | .040 | 26  | 15  | .44 | 289 | .01 | 9   | 1.30 | .01 | .11 | 1   | 2   |
| L 10400E 10150N | 2   | 15  | 34  | 188  | .3  | 14  | 6   | 172  | 2.79 | 14  | 5   | ND  | 4   | 17  | 1   | 2   | 2   | 49  | .07  | .027 | 29  | 18  | .44 | 213 | .01 | 5   | 1.45 | .01 | .09 | 1   | 1   |
| L 10400E 10100N | 3   | 29  | 19  | 184  | .4  | 22  | 9   | 286  | 3.31 | 20  | 5   | ND  | 6   | 22  | 1   | 2   | 2   | 74  | .20  | .086 | 23  | 23  | .54 | 243 | .01 | 10  | 1.79 | .01 | .15 | 1   | 4   |
| L 10400E 10050N | 2   | 19  | 24  | 102  | .4  | 12  | 5   | 171  | 1.89 | 32  | 5   | ND  | 3   | 52  | 1   | 2   | 5   | 37  | .81  | .077 | 18  | 13  | .34 | 236 | .01 | 5   | .89  | .01 | .08 | 1   | 2   |
| L 10400E 10000N | 2   | 95  | 512 | 2399 | 3.0 | 29  | 9   | 767  | 2.22 | 140 | 5   | ND  | 2   | 88  | 28  | 3   | 5   | 34  | 2.39 | .078 | 14  | 14  | .39 | 270 | .01 | 8   | 1.23 | .01 | .09 | 1   | 2   |
| L 10400E 9950N  | 2   | 26  | 129 | 256  | .5  | 13  | 6   | 275  | 4.31 | 911 | 5   | ND  | 5   | 23  | 1   | 2   | 2   | 67  | .14  | .030 | 22  | 18  | .46 | 179 | .01 | 4   | 1.55 | .01 | .12 | 1   | 1   |
| L 10400E 9900N  | 3   | 33  | 136 | 416  | .9  | 25  | 9   | 369  | 4.32 | 764 | 5   | ND  | 5   | 38  | 1   | 6   | 4   | 72  | .22  | .091 | 22  | 23  | .52 | 349 | .01 | 6   | 2.32 | .01 | .13 | 1   | 1   |
| L 10400E 9850N  | 1   | 37  | 38  | 202  | .5  | 16  | 5   | 104  | 2.02 | 387 | 5   | ND  | 1   | 21  | 2   | 3   | 2   | 42  | .22  | .032 | 9   | 12  | .24 | 201 | .01 | 5   | 1.22 | .02 | .08 | 1   | 1   |
| L 10400E 9800N  | 2   | 27  | 26  | 140  | .4  | 6   | 4   | 107  | 1.48 | 81  | 5   | ND  | 2   | 42  | 1   | 2   | 2   | 33  | .46  | .029 | 28  | 18  | .31 | 261 | .01 | 4   | 1.10 | .01 | .13 | 1   | 1   |
| L 10400E 9750N  | 3   | 23  | 48  | 201  | .2  | 12  | 6   | 146  | 2.95 | 272 | 5   | ND  | 1   | 30  | 1   | 3   | 2   | 62  | .12  | .042 | 26  | 16  | .35 | 179 | .01 | 6   | 1.15 | .01 | .14 | 1   | 1   |
| L 10600E 10600N | 1   | 50  | 12  | 114  | .6  | 28  | 5   | 193  | 1.33 | 17  | 5   | ND  | 1   | 42  | 1   | 2   | 2   | 49  | .75  | .076 | 11  | 17  | .36 | 449 | .01 | 7   | 1.50 | .02 | .14 | 1   | 1   |
| STD C/AU-S      | 18  | 64  | 39  | 132  | 6.5 | 74  | 30  | 1038 | 4.08 | 42  | 16  | 7   | 38  | 48  | 18  | 14  | 23  | 59  | .50  | .091 | 38  | 55  | .98 | 176 | .07 | 36  | 1.99 | .06 | .14 | 13  | 52  |

NORANDA EXPLORATION CO. LTD. PROJECT 048 312 FILE # 89-2786

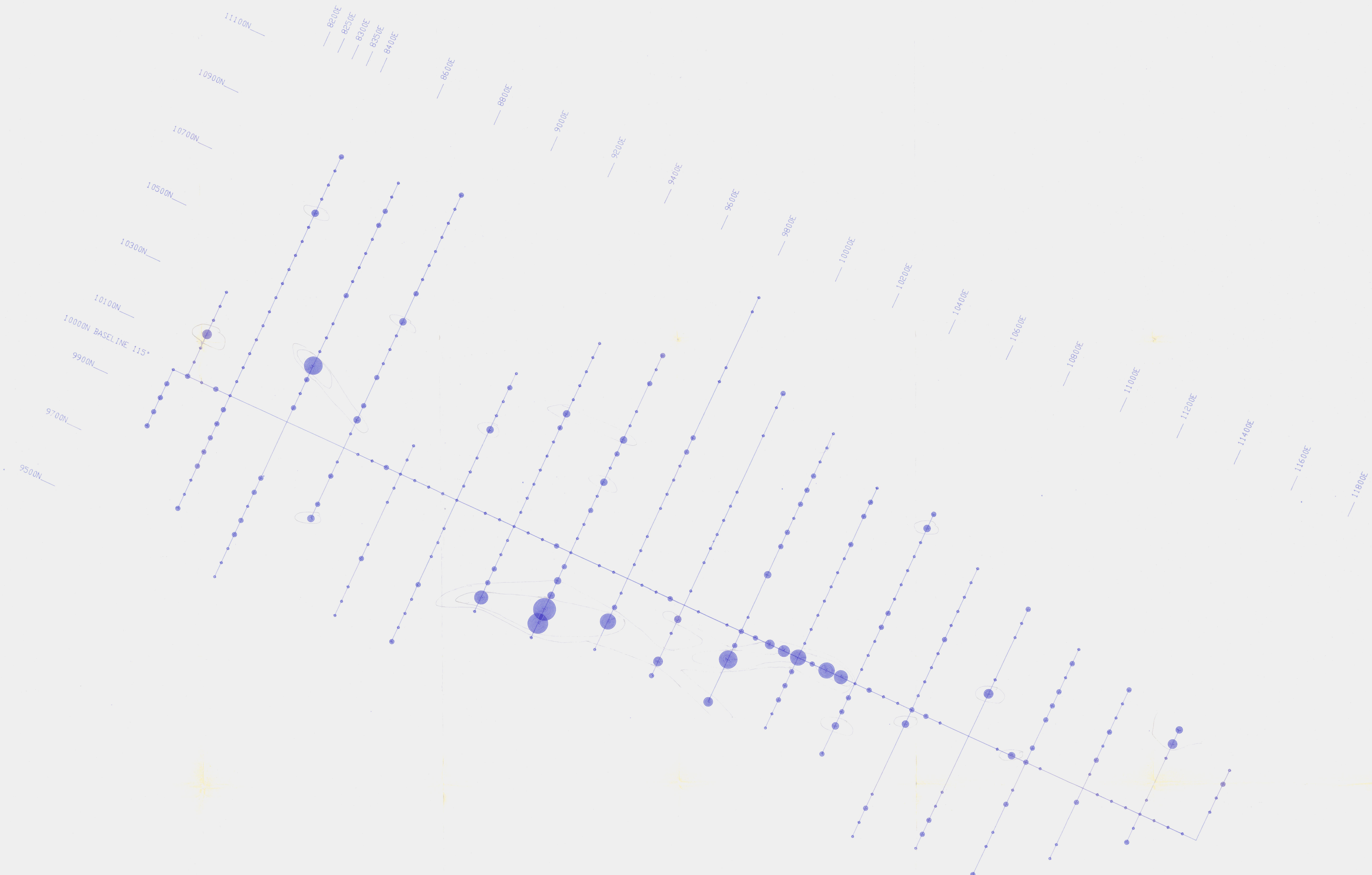
| SAMPLE#         | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | S<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 10600E 10550N | 1         | 72        | 17        | 80        | 1.3       | 19        | 3         | 40        | 1.33    | 3         | 5        | ND        | 2         | 47        | 2         | 2         | 27        | .56      | .091    | 23     | 20        | .33       | 509     | .01       | 3       | 1.30     | .01     | .06     | 1      | 7        |            |
| L 10600E 10500N | 2         | 44        | 14        | 106       | .3        | 25        | 8         | 385       | 2.31    | 15        | 5        | ND        | 6         | 39        | 1         | 2         | 2         | 43       | .39     | .118   | 27        | 17        | .46     | 306       | .01     | 2        | .97     | .01     | .10    | 1        | 8          |
| L 10600E 10450N | 3         | 26        | 13        | 145       | .2        | 21        | 8         | 251       | 4.17    | 21        | 5        | ND        | 6         | 18        | 1         | 2         | 2         | 93       | .11     | .167   | 21        | 27        | .55     | 330       | .01     | 6        | 1.93    | .01     | .17    | 1        | 3          |
| L 10600E 10400N | 2         | 15        | 10        | 58        | .1        | 9         | 3         | 125       | 2.12    | 20        | 5        | ND        | 1         | 15        | 1         | 2         | 5         | 67       | .09     | .072   | 22        | 14        | .17     | 181       | .01     | 3        | .97     | .01     | .08    | 1        | 2          |
| L 10600E 10350N | 3         | 32        | 20        | 100       | .1        | 20        | 6         | 174       | 2.75    | 21        | 5        | ND        | 3         | 16        | 1         | 2         | 2         | 64       | .12     | .106   | 22        | 19        | .37     | 178       | .01     | 7        | 1.22    | .01     | .11    | 1        | 3          |
| L 10600E 10300N | 3         | 43        | 15        | 114       | .1        | 25        | 8         | 279       | 2.63    | 13        | 5        | ND        | 7         | 40        | 1         | 3         | 2         | 49       | .37     | .148   | 31        | 18        | .44     | 292       | .01     | 11       | 1.02    | .01     | .09    | 1        | 7          |
| L 10600E 10250N | 4         | 31        | 98        | 254       | .8        | 25        | 9         | 288       | 3.86    | 34        | 5        | ND        | 6         | 23        | 1         | 2         | 2         | 66       | .11     | .070   | 23        | 25        | .55     | 257       | .01     | 5        | 1.77    | .01     | .12    | 1        | 4          |
| L 10600E 10200N | 3         | 41        | 29        | 141       | .5        | 29        | 9         | 255       | 3.06    | 33        | 5        | ND        | 5         | 42        | 1         | 2         | 2         | 56       | .39     | .082   | 26        | 21        | .49     | 484       | .01     | 5        | 1.48    | .01     | .11    | 1        | 6          |
| L 10600E 10150N | 5         | 72        | 26        | 153       | .3        | 34        | 12        | 517       | 3.40    | 33        | 5        | ND        | 7         | 79        | 1         | 2         | 2         | 58       | .47     | .173   | 33        | 21        | .54     | 385       | .01     | 4        | 1.23    | .01     | .13    | 1        | 5          |
| L 10600E 10100N | 3         | 35        | 34        | 167       | .1        | 23        | 13        | 580       | 3.04    | 40        | 5        | ND        | 4         | 47        | 1         | 2         | 2         | 51       | .32     | .081   | 28        | 20        | .59     | 246       | .01     | 5        | 1.30    | .01     | .11    | 1        | 3          |
| L 10600E 10050N | 3         | 31        | 28        | 191       | .4        | 24        | 8         | 167       | 3.96    | 43        | 5        | ND        | 6         | 21        | 1         | 2         | 2         | 75       | .06     | .045   | 24        | 25        | .51     | 325       | .01     | 4        | 1.99    | .01     | .12    | 1        | 6          |
| L 10600E 10000N | 2         | 51        | 119       | 207       | .4        | 22        | 9         | 345       | 2.83    | 228       | 5        | ND        | 5         | 51        | 1         | 2         | 2         | 44       | .29     | .110   | 27        | 17        | .47     | 211       | .01     | 9        | 1.19    | .01     | .09    | 1        | 2          |
| L 10600E 9950N  | 2         | 41        | 100       | 451       | .6        | 25        | 11        | 548       | 3.44    | 636       | 5        | ND        | 6         | 39        | 2         | 2         | 2         | 68       | .76     | .113   | 25        | 25        | .64     | 460       | .01     | 4        | 2.89    | .01     | .13    | 1        | 3          |
| L 10600E 9900N  | 1         | 29        | 27        | 93        | .5        | 11        | 4         | 134       | 1.55    | 88        | 5        | ND        | 2         | 16        | 1         | 3         | 2         | 36       | .14     | .053   | 20        | 11        | .17     | 291       | .01     | 2        | .99     | .01     | .08    | 1        | 2          |
| L 10600E 9850N  | 1         | 34        | 32        | 123       | 1.1       | 17        | 6         | 243       | 1.57    | 113       | 5        | ND        | 3         | 82        | 1         | 2         | 2         | 25       | 1.59    | .077   | 21        | 19        | .55     | 367       | .01     | 2        | 1.20    | .01     | .09    | 1        | 7          |
| L 10600E 9750N  | 3         | 39        | 29        | 509       | .7        | 22        | 7         | 279       | 2.33    | 66        | 5        | ND        | 2         | 63        | 1         | 2         | 2         | 41       | 1.36    | .062   | 18        | 19        | .59     | 254       | .02     | 4        | 1.20    | .01     | .11    | 1        | 5          |
| L 10800E 10500N | 4         | 47        | 24        | 146       | .4        | 31        | 10        | 223       | 3.57    | 29        | 5        | ND        | 6         | 30        | 1         | 2         | 4         | 64       | .23     | .117   | 23        | 25        | .56     | 256       | .01     | 4        | 1.72    | .01     | .13    | 1        | 6          |
| L 10800E 10450N | 3         | 40        | 20        | 115       | .2        | 29        | 10        | 236       | 3.53    | 25        | 5        | ND        | 6         | 14        | 1         | 3         | 3         | 64       | .06     | .041   | 27        | 25        | .60     | 290       | .01     | 2        | 1.92    | .01     | .11    | 1        | 5          |
| L 10800E 10400N | 3         | 47        | 19        | 119       | .1        | 30        | 11        | 293       | 3.27    | 19        | 5        | ND        | 6         | 17        | 1         | 2         | 2         | 61       | .39     | .046   | 33        | 24        | .60     | 366       | .01     | 5        | 1.70    | .01     | .11    | 1        | 1          |
| L 10800E 10350N | 3         | 39        | 17        | 139       | .2        | 29        | 11        | 259       | 2.95    | 15        | 5        | ND        | 7         | 46        | 1         | 2         | 2         | 50       | .49     | .127   | 33        | 22        | .55     | 376       | .01     | 5        | 1.31    | .01     | .11    | 1        | 1          |
| L 10800E 10300N | 3         | 47        | 21        | 119       | .4        | 29        | 9         | 287       | 3.03    | 18        | 5        | ND        | 5         | 44        | 1         | 2         | 2         | 52       | .42     | .116   | 30        | 21        | .56     | 393       | .01     | 3        | 1.47    | .01     | .11    | 1        | 6          |
| L 10800E 10250N | 3         | 40        | 20        | 144       | .8        | 26        | 11        | 235       | 2.91    | 21        | 5        | ND        | 4         | 37        | 1         | 2         | 2         | 64       | .26     | .088   | 26        | 22        | .46     | 591       | .01     | 6        | 1.74    | .01     | .11    | 2        | 9          |
| L 10800E 10200N | 4         | 58        | 24        | 133       | .2        | 30        | 10        | 350       | 3.36    | 30        | 5        | ND        | 7         | 64        | 1         | 2         | 2         | 51       | .32     | .136   | 36        | 21        | .56     | 349       | .01     | 6        | 1.31    | .01     | .11    | 1        | 3          |
| L 10800E 10150N | 2         | 44        | 29        | 138       | .3        | 29        | 13        | 456       | 3.06    | 33        | 5        | ND        | 5         | 48        | 1         | 2         | 2         | 54       | .33     | .113   | 29        | 22        | .52     | 335       | .01     | 2        | 1.40    | .01     | .10    | 1        | 1          |
| L 10800E 10100N | 3         | 36        | 27        | 320       | .4        | 31        | 9         | 210       | 4.31    | 45        | 5        | ND        | 7         | 26        | 1         | 2         | 2         | 85       | .10     | .056   | 22        | 32        | .64     | 391       | .01     | 2        | 3.06    | .01     | .14    | 1        | 1          |
| L 10800E 10050N | 3         | 50        | 178       | 417       | .4        | 21        | 8         | 365       | 3.78    | 1320      | 5        | ND        | 5         | 62        | 1         | 9         | 2         | 66       | .44     | .076   | 19        | 20        | .46     | 346       | .01     | 4        | 1.85    | .01     | .13    | 1        | 1          |
| L 10800E 10000N | 2         | 41        | 60        | 405       | .6        | 21        | 7         | 254       | 2.70    | 413       | 5        | ND        | 4         | 64        | 2         | 2         | 2         | 48       | 1.20    | .097   | 19        | 19        | .46     | 306       | .01     | 5        | 1.38    | .01     | .10    | 1        | 3          |
| L 10800E 9950N  | 3         | 67        | 21        | 3151      | 1.3       | 28        | 5         | 4947      | .91     | 86        | 15       | ND        | 2         | 157       | 47        | 4         | 2         | 17       | 4.39    | .117   | 6         | 9         | .18     | 180       | .01     | 13       | .86     | .01     | .03    | 1        | 1          |
| L 10800E 9700N  | 2         | 19        | 10        | 284       | .2        | 25        | 6         | 9619      | 1.13    | 16        | 5        | ND        | 1         | 120       | 2         | 2         | 2         | 21       | 2.50    | .100   | 6         | 8         | .26     | 516       | .01     | 12       | .94     | .01     | .05    | 1        | 1          |
| L 10800E 9650N  | 1         | 30        | 6         | 186       | .6        | 26        | 6         | 430       | 1.32    | 11        | 5        | ND        | 2         | 79        | 2         | 2         | 2         | 38       | 1.46    | .095   | 13        | 17        | .42     | 422       | .01     | 9        | 1.46    | .01     | .11    | 1        | 3          |
| L 10800E 9600N  | 1         | 23        | 12        | 131       | .3        | 17        | 8         | 746       | 1.97    | 9         | 5        | ND        | 1         | 72        | 1         | 2         | 2         | 43       | 1.30    | .087   | 13        | 17        | .40     | 475       | .01     | 6        | 1.41    | .01     | .09    | 1        | 1          |
| L 10800E 9550N  | 1         | 35        | 10        | 84        | .4        | 13        | 3         | 110       | 1.19    | 11        | 5        | ND        | 1         | 67        | 1         | 2         | 4         | 35       | 1.32    | .084   | 11        | 13        | .19     | 350       | .01     | 4        | .93     | .01     | .05    | 1        | 1          |
| L 11000E 10450N | 1         | 38        | 15        | 118       | .6        | 25        | 9         | 746       | 2.11    | 9         | 5        | ND        | 2         | 62        | 2         | 2         | 2         | 44       | 1.25    | .093   | 14        | 17        | .39     | 664       | .01     | 8        | 1.37    | .01     | .10    | 1        | 2          |
| L 11000E 10400N | 1         | 40        | 19        | 109       | .2        | 21        | 7         | 232       | 2.21    | 15        | 5        | ND        | 4         | 56        | 1         | 2         | 2         | 49       | .78     | .096   | 20        | 20        | .51     | 585       | .01     | 8        | 1.46    | .01     | .10    | 1        | 1          |
| L 11000E 10350N | 3         | 22        | 17        | 103       | .1        | 17        | 8         | 273       | 2.52    | 14        | 5        | ND        | 3         | 23        | 1         | 2         | 2         | 58       | .21     | .046   | 25        | 17        | .33     | 250       | .01     | 4        | 1.02    | .01     | .10    | 1        | 1          |
| L 11000E 10200N | 2         | 19        | 13        | 79        | .1        | 8         | 4         | 134       | 1.37    | 16        | 5        | ND        | 1         | 31        | 1         | 2         | 2         | 42       | .24     | .033   | 21        | 14        | .19     | 218       | .02     | 2        | .67     | .01     | .10    | 1        | 1          |
| STD C/AU=5      | 17        | 62        | 36        | 131       | 7.1       | 73        | 30        | 990       | 3.77    | 38        | 18       | 7         | 36        | 45        | 18        | 15        | 18        | 55       | .48     | .083   | 36        | 54        | .86     | 171       | .06     | 34       | 1.84    | .06     | .14    | 12       | 51         |

| SAMPLE#         | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Mn<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | AU*<br>PPB |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 11000E 10150N | 2         | 132       | 24        | 149       | 1.7       | 37        | 6         | 92        | 1.89    | 64        | 5        | ND        | 2         | 77        | 4         | 2         | 2         | 55       | 1.23    | .101   | 17        | 18        | .31     | 341       | .01     | 5        | 1.64    | .01     | .11    | 1        | 10         |
| L 11000E 9800N  | 2         | 29        | 7         | 36        | .1        | 14        | 4         | 121       | 1.45    | 16        | 5        | ND        | 1         | 18        | 1         | 2         | 2         | 28       | .19     | .045   | 9         | 8         | .07     | 220       | .01     | 3        | .61     | .02     | .07    | 1        | 2          |
| L 11000E 9750N  | 1         | 40        | 17        | 100       | .4        | 25        | 7         | 181       | 1.96    | 9         | 5        | ND        | 3         | 67        | 1         | 2         | 2         | 50       | 1.43    | .062   | 19        | 18        | .52     | 649       | .01     | 4        | 1.42    | .01     | .10    | 1        | 3          |
| L 11000E 9700N  | 2         | 61        | 9         | 74        | .7        | 19        | 5         | 358       | 1.47    | 5         | 5        | ND        | 2         | 53        | 1         | 2         | 2         | 51       | 1.11    | .040   | 21        | 16        | .25     | 827       | .01     | 3        | 1.15    | .01     | .09    | 1        | 3          |
| L 11000E 9650N  | 2         | 42        | 11        | 108       | .5        | 29        | 8         | 220       | 2.06    | 8         | 5        | ND        | 4         | 81        | 1         | 2         | 2         | 44       | 1.51    | .082   | 21        | 18        | .73     | 617       | .01     | 7        | 1.36    | .01     | .12    | 1        | 1          |
| L 11000E 9500N  | 2         | 24        | 11        | 116       | .1        | 21        | 7         | 224       | 2.51    | 9         | 5        | ND        | 4         | 38        | 1         | 3         | 2         | 62       | .45     | .090   | 23        | 20        | .59     | 404       | .01     | 7        | 1.46    | .01     | .10    | 1        | 2          |
| L 11200E 10400N | 3         | 39        | 17        | 99        | .4        | 20        | 5         | 128       | 2.27    | 11        | 5        | ND        | 2         | 55        | 1         | 3         | 2         | 59       | .71     | .053   | 18        | 16        | .24     | 826       | .01     | 5        | 1.46    | .01     | .10    | 1        | 1          |
| L 11200E 10350N | 1         | 21        | 11        | 87        | .5        | 14        | 3         | 53        | 1.14    | 14        | 5        | ND        | 1         | 23        | 1         | 2         | 3         | 32       | .34     | .038   | 4         | 8         | .16     | 379       | .01     | 3        | 1.09    | .03     | .09    | 1        | 1          |
| L 11200E 10300N | 3         | 22        | 48        | 162       | .4        | 17        | 6         | 175       | 3.61    | 225       | 5        | ND        | 7         | 44        | 1         | 3         | 3         | 91       | .13     | .050   | 23        | 26        | .53     | 372       | .01     | 3        | 2.41    | .01     | .14    | 1        | 5          |
| L 11200E 10250N | 2         | 27        | 84        | 185       | .5        | 10        | 5         | 119       | 2.18    | 588       | 5        | ND        | 2         | 44        | 1         | 2         | 3         | 43       | .30     | .056   | 20        | 11        | .26     | 211       | .01     | 4        | 1.05    | .01     | .10    | 1        | 2          |
| L 11200E 10200N | 3         | 37        | 98        | 294       | .5        | 23        | 9         | 318       | 3.05    | 893       | 5        | ND        | 7         | 58        | 1         | 2         | 3         | 48       | .57     | .100   | 26        | 17        | .51     | 330       | .01     | 11       | 1.34    | .01     | .10    | 1        | 2          |
| L 11200E 10150N | 4         | 48        | 82        | 231       | .6        | 21        | 10        | 545       | 2.98    | 761       | 5        | ND        | 3         | 61        | 1         | 3         | 2         | 67       | .86     | .096   | 20        | 20        | .54     | 398       | .02     | 3        | 1.49    | .01     | .14    | 1        | 5          |
| L 11200E 10050N | 1         | 37        | 14        | 129       | .6        | 21        | 5         | 474       | 2.07    | 39        | 5        | ND        | 3         | 102       | 1         | 2         | 2         | 53       | 1.62    | .109   | 15        | 17        | .41     | 531       | .01     | 6        | 1.30    | .01     | .10    | 1        | 1          |
| L 11200E 10000N | 2         | 41        | 28        | 189       | .6        | 25        | 8         | 323       | 2.01    | 27        | 5        | ND        | 7         | 85        | 2         | 2         | 3         | 59       | 1.09    | .115   | 21        | 22        | .66     | 676       | .01     | 6        | 1.60    | .01     | .13    | 1        | 1          |
| L 11200E 9900N  | 1         | 25        | 9         | 91        | .2        | 17        | 5         | 80        | 1.66    | 10        | 5        | ND        | 5         | 57        | 1         | 2         | 2         | 42       | .56     | .113   | 19        | 14        | .43     | 349       | .01     | 2        | 1.02    | .01     | .09    | 1        | 1          |
| L 11200E 9850N  | 1         | 37        | 6         | 74        | .8        | 10        | 2         | 252       | .58     | 4         | 5        | ND        | 1         | 80        | 1         | 2         | 2         | 13       | 2.11    | .074   | 10        | 5         | .15     | 208       | .01     | 13       | .57     | .02     | .03    | 1        | 1          |
| L 11200E 9750N  | 2         | 40        | 15        | 166       | .4        | 27        | 7         | 1102      | 1.74    | 8         | 5        | ND        | 5         | 64        | 1         | 2         | 2         | 53       | .98     | .126   | 22        | 20        | .71     | 509       | .01     | 7        | 1.45    | .01     | .13    | 1        | 1          |
| L 11200E 9700N  | 1         | 41        | 11        | 92        | .3        | 17        | 3         | 124       | .65     | 2         | 5        | ND        | 1         | 140       | 2         | 2         | 2         | 30       | 3.16    | .372   | 8         | 12        | .26     | 270       | .01     | 7        | .92     | .01     | .04    | 1        | 2          |
| L 11200E 9600N  | 1         | 17        | 2         | 60        | .9        | 9         | 2         | 336       | .78     | 2         | 5        | ND        | 1         | 57        | 1         | 2         | 2         | 17       | 1.16    | .075   | 5         | 4         | .13     | 122       | .02     | 2        | .61     | .02     | .04    | 1        | 1          |
| L 11400E 10350N | 3         | 35        | 238       | 504       | .5        | 17        | 7         | 299       | 4.17    | 618       | 5        | ND        | 6         | 36        | 1         | 5         | 12        | 70       | .19     | .064   | 23        | 17        | .37     | 210       | .01     | 2        | 1.96    | .01     | .11    | 1        | 1          |
| L 11400E 10300N | 4         | 26        | 65        | 184       | .4        | 18        | 7         | 260       | 3.84    | 274       | 5        | ND        | 6         | 24        | 1         | 2         | 11        | 84       | .09     | .051   | 24        | 23        | .47     | 241       | .01     | 7        | 1.93    | .01     | .13    | 1        | 2          |
| L 11400E 10250N | 3         | 24        | 41        | 170       | .3        | 15        | 7         | 184       | 3.27    | 204       | 5        | ND        | 6         | 16        | 1         | 2         | 11        | 78       | .07     | .028   | 23        | 21        | .46     | 285       | .01     | 5        | 2.03    | .01     | .09    | 1        | 1          |
| L 11400E 10200N | 4         | 18        | 56        | 138       | .5        | 9         | 6         | 326       | 2.94    | 309       | 5        | ND        | 2         | 20        | 1         | 3         | 3         | 62       | .16     | .034   | 21        | 15        | .33     | 142       | .01     | 6        | 1.14    | .01     | .09    | 1        | 1          |
| L 11400E 10150N | 3         | 40        | 24        | 129       | .3        | 29        | 10        | 401       | 2.45    | 16        | 5        | ND        | 4         | 44        | 1         | 2         | 2         | 50       | .39     | .145   | 32        | 16        | .39     | 353       | .01     | 9        | .99     | .01     | .10    | 1        | 2          |
| L 11400E 10100N | 3         | 20        | 29        | 127       | .8        | 16        | 7         | 264       | 3.76    | 27        | 5        | ND        | 6         | 15        | 1         | 2         | 2         | 93       | .07     | .079   | 23        | 23        | .43     | 291       | .01     | 3        | 1.74    | .01     | .12    | 2        | 1          |
| L 11400E 10050N | 2         | 13        | 11        | 61        | .3        | 9         | 3         | 62        | 1.54    | 13        | 5        | ND        | 4         | 18        | 1         | 2         | 2         | 51       | .18     | .030   | 24        | 11        | .14     | 316       | .01     | 2        | .86     | .01     | .06    | 1        | 1          |
| L 11400E 9950N  | 2         | 25        | 9         | 115       | .5        | 15        | 5         | 228       | 1.66    | 7         | 5        | ND        | 1         | 44        | 1         | 2         | 2         | 49       | .77     | .104   | 15        | 15        | .35     | 336       | .01     | 2        | 1.03    | .01     | .09    | 1        | 1          |
| L 11400E 9800N  | 3         | 17        | 9         | 72        | .3        | 11        | 3         | 73        | 1.38    | 8         | 5        | ND        | 3         | 15        | 1         | 2         | 2         | 41       | .20     | .032   | 19        | 10        | .19     | 183       | .01     | 4        | .63     | .01     | .07    | 1        | 1          |
| L 11400E 9750N  | 1         | 22        | 13        | 129       | .3        | 21        | 3         | 55        | 1.33    | 4         | 5        | ND        | 2         | 88        | 2         | 2         | 2         | 43       | 1.53    | .086   | 15        | 16        | .45     | 515       | .01     | 3        | 1.18    | .01     | .10    | 1        | 2          |
| L 11600E 10300N | 2         | 162       | 153       | 1063      | 1.3       | 20        | 5         | 378       | 2.56    | 72        | 5        | ND        | 3         | 31        | 13        | 3         | 2         | 61       | .45     | .048   | 20        | 19        | .36     | 369       | .01     | 7        | 1.85    | .01     | .13    | 1        | 1          |
| L 11600E 10250N | 3         | 115       | 41        | 1470      | 1.6       | 23        | 8         | 468       | 2.88    | 95        | 5        | ND        | 3         | 54        | 29        | 2         | 2         | 50       | 1.25    | .082   | 16        | 15        | .34     | 309       | .01     | 5        | 1.52    | .01     | .13    | 1        | 2          |
| L 11600E 10200N | 3         | 41        | 12        | 146       | .3        | 21        | 5         | 99        | 2.09    | 8         | 5        | ND        | 1         | 34        | 1         | 3         | 3         | 66       | .65     | .050   | 13        | 19        | .34     | 457       | .01     | 4        | 1.65    | .01     | .14    | 1        | 2          |
| L 11600E 10050N | 2         | 30        | 16        | 100       | .3        | 23        | 19        | 443       | 5.41    | 11        | 5        | ND        | 6         | 45        | 1         | 3         | 2         | 98       | .57     | .062   | 21        | 26        | .40     | 547       | .01     | 2        | 5.01    | .01     | .07    | 1        | 1          |
| L 11600E 10000N | 3         | 21        | 17        | 105       | .2        | 14        | 6         | 155       | 2.91    | 19        | 5        | ND        | 2         | 19        | 1         | 2         | 3         | 86       | .11     | .079   | 19        | 18        | .33     | 748       | .01     | 2        | 1.48    | .01     | .09    | 1        | 1          |
| L 11600E 9950N  | 3         | 13        | 13        | 71        | .1        | 10        | 4         | 101       | 1.67    | 8         | 5        | ND        | 3         | 20        | 1         | 2         | 2         | 57       | .33     | .041   | 23        | 12        | .24     | 338       | .01     | 2        | .90     | .01     | .07    | 1        | 1          |
| L 11600E 9900N  | 4         | 53        | 12        | 184       | .6        | 36        | 9         | 170       | 2.74    | 14        | 5        | ND        | 5         | 60        | 1         | 3         | 2         | 69       | .92     | .116   | 21        | 21        | .61     | 549       | .01     | 5        | 1.44    | .01     | .16    | 1        | 3          |
| STD C/AU-S      | 19        | 64        | 41        | 131       | 6.7       | 75        | 30        | 1018      | 3.97    | 44        | 20       | 7         | 38        | 48        | 18        | 17        | 23        | 59       | .50     | .090   | 39        | 56        | .90     | 175       | .07     | 37       | 1.99    | .06     | .14    | 12       | 52         |

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| SAMPLE#         | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | Au*<br>PPB |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| L 11800E 10250N | 2         | 16        | 18        | 88        | .1        | 11        | 4         | 127       | 2.05    | 12        | 5        | ND        | 1         | 12        | 1         | 2         | 2         | 50       | .07     | .046   | 17        | 13        | .20     | 209       | .01     | 4        | 1.14    | .01     | .08    | 1        | 1          |
| L 11800E 10200N | 2         | 67        | 21        | 356       | .7        | 24        | 7         | 146       | 2.36    | 17        | 5        | ND        | 2         | 54        | 1         | 4         | 2         | 52       | 1.14    | .114   | 21        | 23        | .51     | 300       | .01     | 7        | 1.37    | .01     | .13    | 1        | 6          |
| L 11300E 10150N | 2         | 14        | 8         | 118       | .2        | 13        | 6         | 128       | 1.94    | 9         | 5        | ND        | 4         | 43        | 1         | 2         | 2         | 51       | .69     | .089   | 19        | 23        | .57     | 326       | .01     | 10       | 1.27    | .01     | .13    | 1        | 2          |
| L 11800E 10100N | 3         | 42        | 14        | 150       | .4        | 27        | 7         | 245       | 2.58    | 14        | 5        | ND        | 5         | 51        | 1         | 2         | 2         | 56       | .54     | .144   | 27        | 22        | .47     | 594       | .01     | 6        | 1.17    | .01     | .13    | 1        | 6          |
| S 35734 (S-14)  | 2         | 36        | 28        | 241       | .4        | 31        | 10        | 924       | 3.21    | 29        | 5        | ND        | 5         | 52        | 2         | 2         | 3         | 57       | .66     | .155   | 22        | 28        | .95     | 373       | .01     | 8        | 1.60    | .01     | .22    | 1        | 2          |
| STD C/AU-S      | 18        | 61        | 41        | 132       | 6.8       | 70        | 30        | 950       | 4.19    | 42        | 23       | 7         | 38        | 49        | 18        | 16        | 22        | 59       | .49     | .092   | 39        | 56        | .86     | 177       | .07     | 34       | 1.94    | .06     | .14    | 12       | 50         |



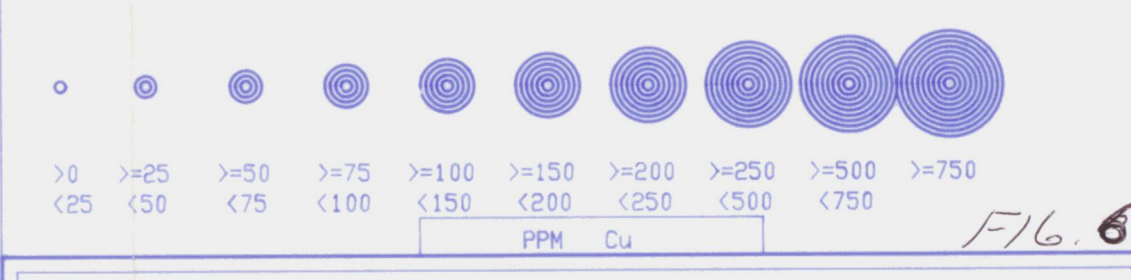
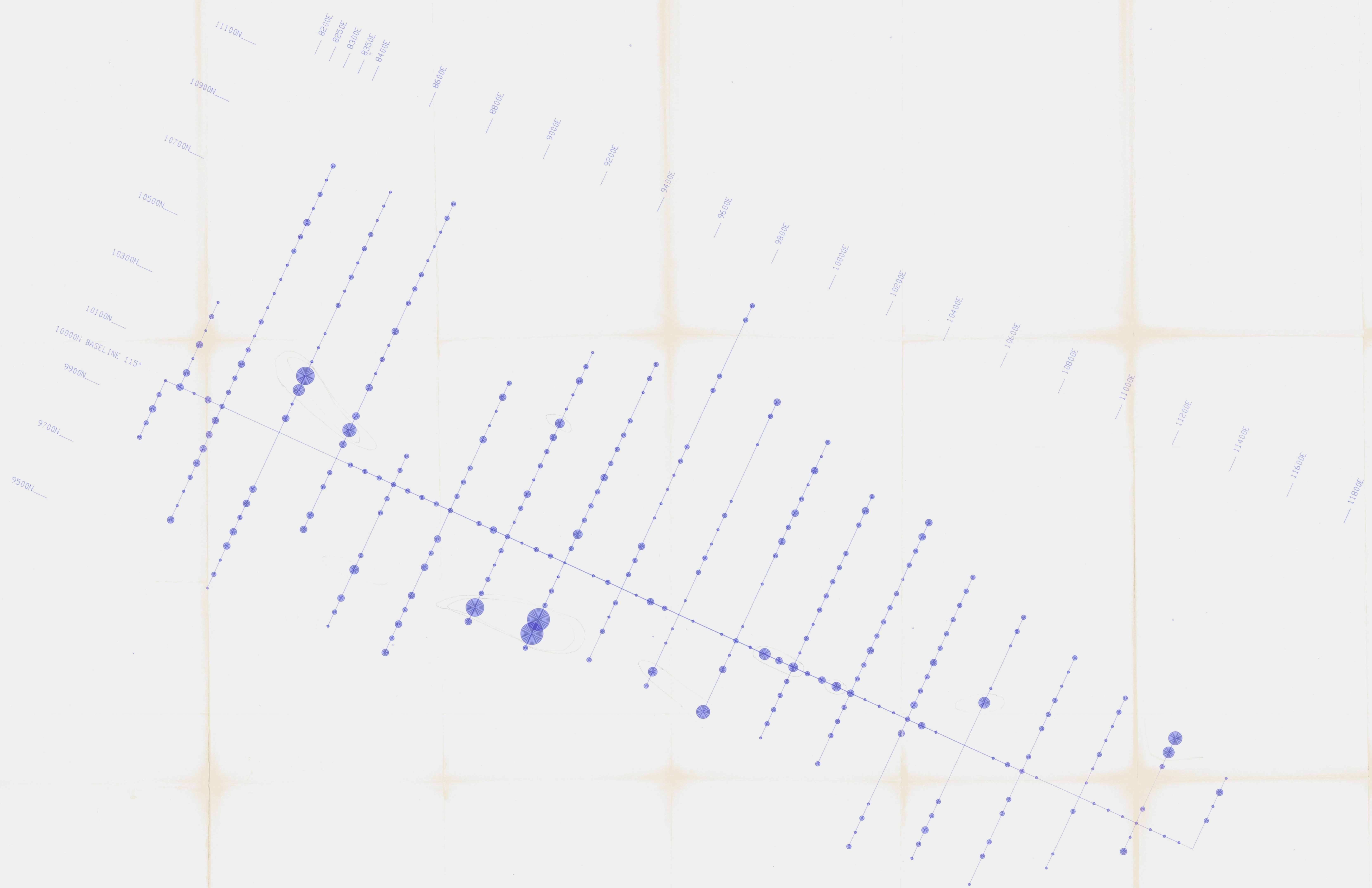
0 1 2 3 4 5 6 7 8 9 10  
0.50 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0

ANKY  
SOIL GEOCHEMICAL SURVEY  
PPM Ag  
PROJECT: YUKON GENERAL PROJECT # : 312  
BASELINE AZIMUTH : 115 Deg.

SCALE = 1 : 5000 DATE : 8 / 2 / 89  
SURVEY BY : KG NTS : 105J02  
FILE: C312ANK  
NORANDA EXPLORATION

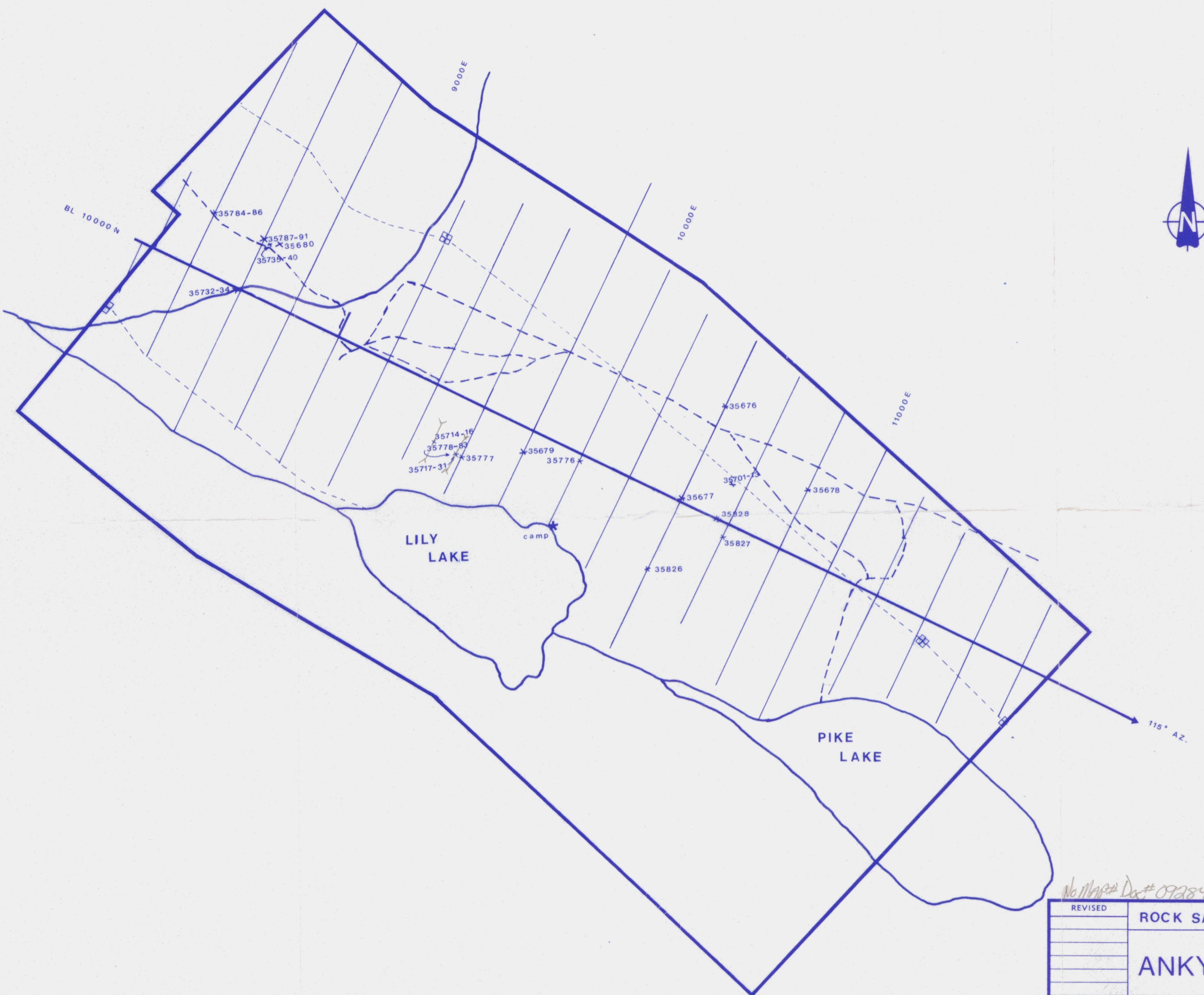
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Doc# 092845 153





ANKY  
SOIL GEOCHEMICAL SURVEY  
PPM Cu  
PROJECT: YUKON GENERAL PROJECT # : 312  
BASELINE AZIMUTH : 115 Deg.  
SCALE = 1 : 5000 DATE : 8/ 2/89  
SURVEY BY : KG NTS : 105J02  
FILE : C312ANK  
NORANDA EXPLORATION 092845

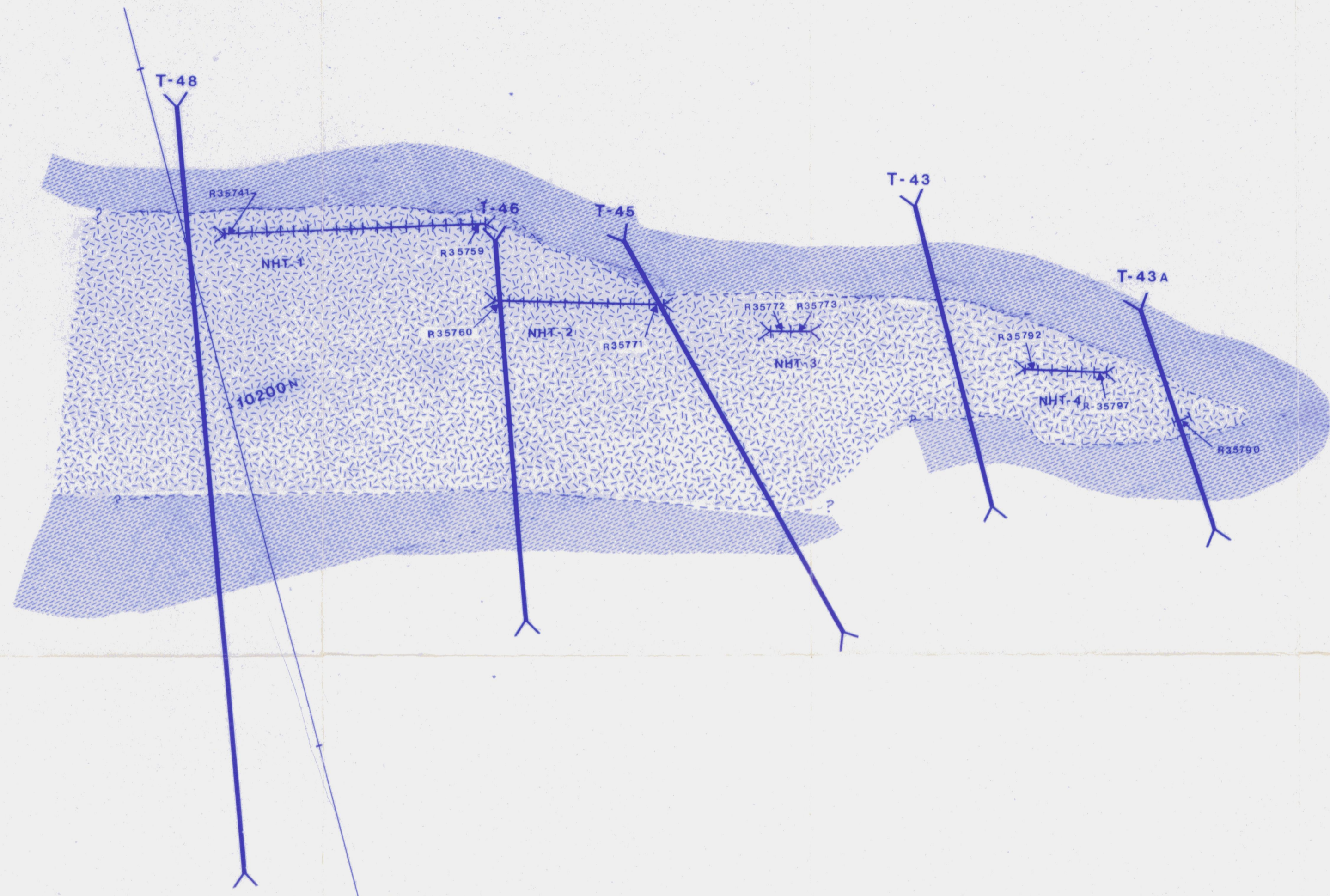
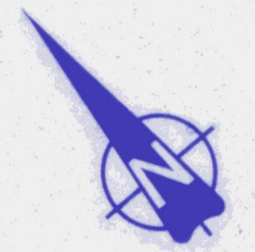
No/Map# Doc# 092845 (155)



092845

No. 1149 Doc# 092845 (156) Fig. 7

|               |                       |                |
|---------------|-----------------------|----------------|
| REVISED       | ROCK SAMPLE LOCATIONS |                |
|               | ANKY CLAIMS           |                |
| PROJ. No.     | SURVEY BY:            | DATE: AUG 1989 |
| N.T.S. 105J/2 | DRAWN BY: K.D.G.      | SCALE: 1:10000 |
| DWG. No.      | NORANDA EXPLORATION   |                |
|               | OFFICE: WHITEHORSE    |                |



10100 N  
8600 E

092845

(57) Fig 8

| LEGEND |   |
|--------|---|
|        | SILICEOUS SEDIMENTS                     |
|        | GRANITIC INTRUSIVE                      |
|        | NORANDA HAND-TRENCH WITH SAMPLE NUMBERS |
|        | PREVIOUS CAT-TRENCHING                  |

No Map # Doc # 092845

|                  |                            |                |
|------------------|----------------------------|----------------|
| REVISED          | ANKY                       |                |
|                  | MAIN TRENCHING AREA        |                |
| PROJ. No. ....   | SURVEY BY: .....           | DATE: MAY 1990 |
| N.T.S. 1:0.5 J/2 | DRAWN BY: .....            | SCALE: 1:500   |
| DWG. No. ....    | <b>NORANDA EXPLORATION</b> |                |
|                  | OFFICE: WHITEHORSE         |                |