# GEOCHEMICAL & GEOPHYSICAL REPORT

ON THE

# ALPHA & BETA CLAIMS

CARIBOO MINING DIVISION

N.T.S. 93 J/13

SITUATED AT CO-ORDINATES: 54 DEG 55'N
123 DEG 50'W

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)



REPORT BY: TERRY CAMPBELL
TED WONG

MARCH, 1990

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## SUMMARY

The Alpha - Beta claims are owned by Mr. E.S. Peters of Vancouver, B. C. The claims were staked to cover favourable ground in the area of recent Cu-Au discoveries in the Salmon River - Mount Milligan areas, including Tas (Noranda-Blackswan), Windy (Placer Dome-Big Bar) and Mount Milligan (Continental Gold-B.P. Resources). Recon prospecting and sampling by the vendors in 1987 produced several potential Cu-Au targets which warranted further follow-up.

Noranda Exploration completed a soil sampling program on the Alpha and Beta grids and a magnetometer survey on the Beta grid during the summer of 1989. Results show a few areas where expansion of grids, further soil sampling and geologic mapping and I.P. surveys are warranted.

## INTRODUCTION

The Alpha - Beta claims, owned by Mr. E. S. Peters of Vancouver, B. C., are located immediately northeast and south of a new Cu-Au showing optioned by Placer-Dome (Windy claims). The property consists of 2 groups of contiguous claims, the Alpha (56 units) and the Beta (76 units). The area is presently the site of strong exploration activity as a result of the newly discovered Mount Milligan Cu-Au bulk tonnage deposit (Continental Gold-BP Resources). Recon geochem completed by the vendors in 1987 indicated several potential Cu-Au targets to be explored.

This report covers follow up work completed by Noranda Exploration personnel from March 1 to October 1, 1989, under the supervision of the authors.

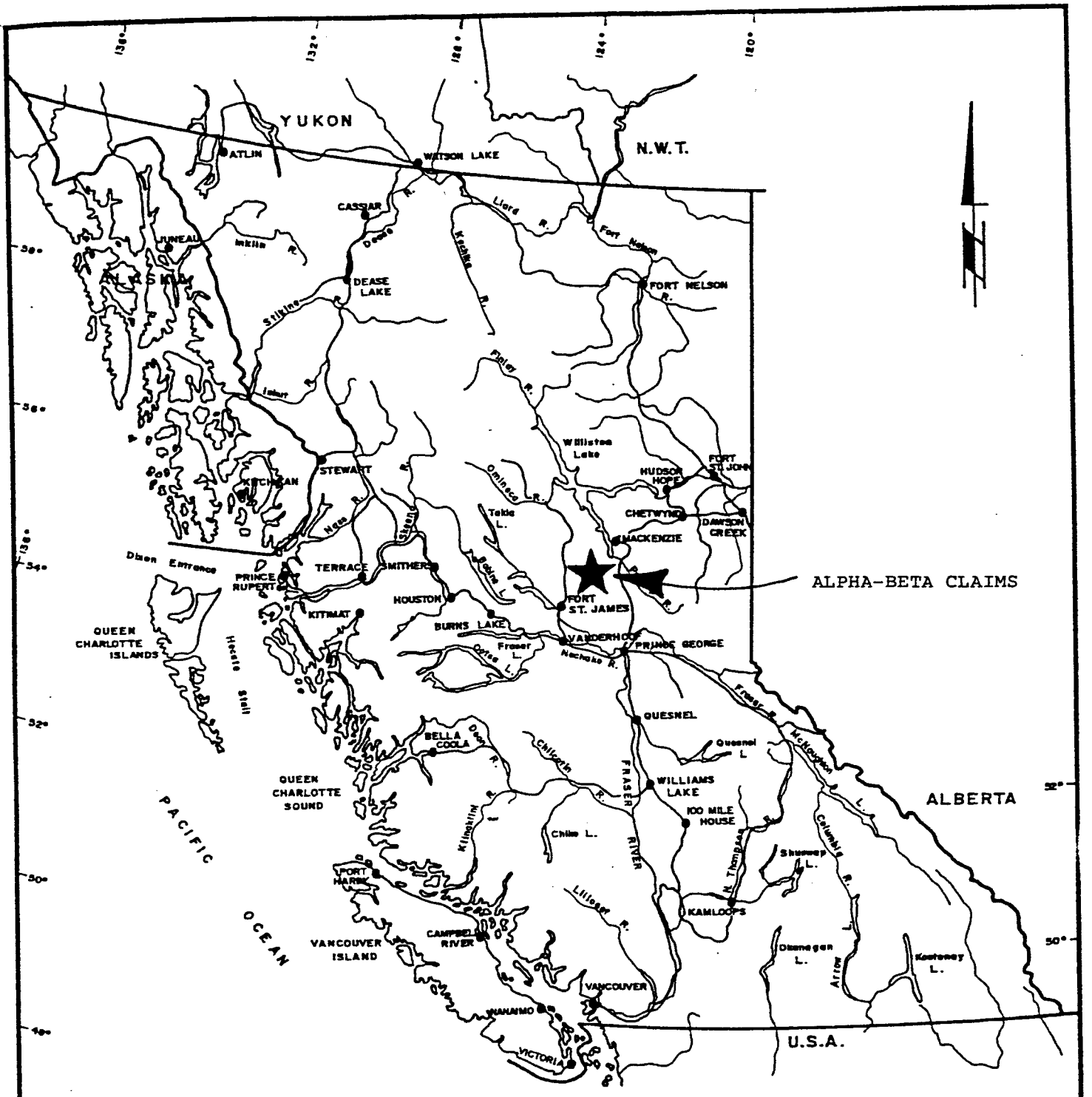
## LOCATION & ACCESS

The Alpha - Beta claims lie along the Salmon River approximately 50 km north-northeast of Fort St. James. Access to the property is via the "400" logging road which joins the Germansen Road at approximately 60 km north of Fort St. James. The southern boundary of the Beta claims lies immediately south of the forestry service road and access to the interior of this block is via a crude cat road into the Windy property. Access to the west boundary of the Alpha group is by logging roads off the Philips mainline through Mackenzie or by following the cat road across the Windy property. Access to the interior of the Alpha group presently is by helicopter.

The claims are described as being centred at 54 degrees 55' N and 123 degrees 50' W on N.T.S. map 93 J/13 in the Cariboo Mining Division.

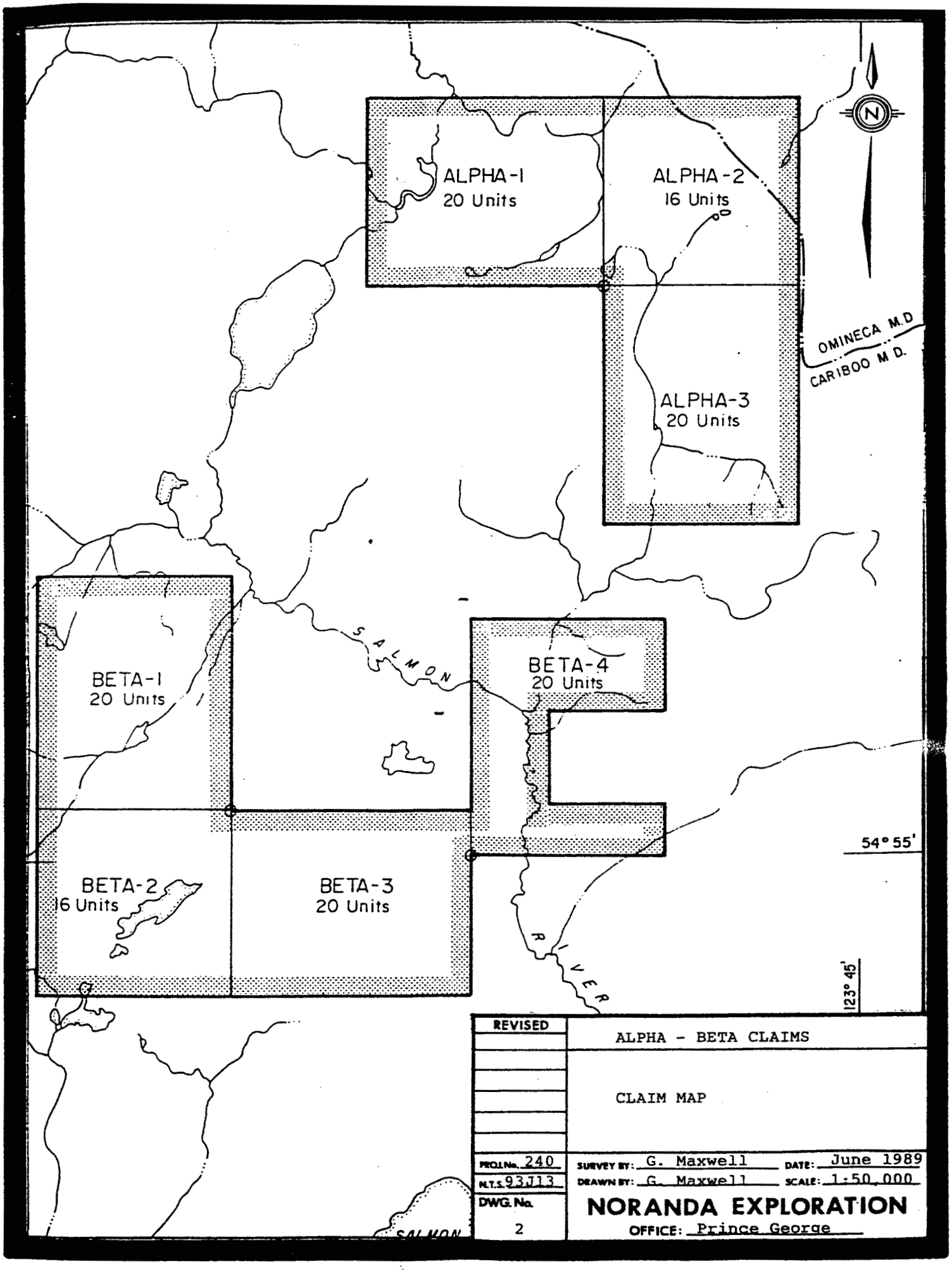
## CLAIM STATISTICS

| NAME | UNITS | RECORD # | RECORD DATE | OWNER |
|---|---|---|---|---|
| Alpha 1 | 20 | 8337 | April 3, 1987 | E.S. Peters |
| Alpha 2 | 16 | 8338 | April 3, 1987 | E.S. Peters |
| Alpha 3 | 20 | 8339 | April 3, 1987 | E.S. Peters |
| Beta 1 | 20 | 8340 | April 3, 1987 | E.S. Peters |
| Beta 2 | 16 | 8341 | April 3, 1987 | E.S. Peters |
| Beta 3 | 20 | 8342 | April 3, 1987 | E.S. Peters |
| Beta 4 | 20 | 8343 | April 3, 1987 | E.S. Peters |




| REVISED | ALPHA-BETA CLAIMS |
|---|---|
| | LOCATION MAP |
| PROJ No. 240 | SURVEY BY: G. Maxwell DATE: June 1989 |
| N.T.S. | DRAWN BY: S.K.B. SCALE: 1:8,000,000 |
| DWG. No. 1 | NORANDA EXPLORATION |
| | OFFICE: PRINCE GEORGE, B.C. |

VANCAL 11927




| REVISED | ALPHA - BETA CLAIMS |
|---|---|
| | CLAIM MAP |
| PROJ. No. 240 | SURVEY BY: G. Maxwell DATE: June 1989 |
| N.T.S. 93J13 | DRAWN BY: G. Maxwell SCALE: 1:50,000 |
| DWG. No. 2 | NORANDA EXPLORATION |
| | OFFICE: Prince George |

## TOPOGRAPHY & VEGETATION

The elevation in the area ranges from 923 to 1140 metres in heavily wooded and rolling topography. Outcrop on the property is very sparse, usually occurring on knolls and ridges. The area is covered mainly by gravel outwash plains, eskers and drumlins, where very thick second growth pine appears to be growing in an old burned area. There are some areas of marketable timber, but no logging on the Beta property is evident to date. Several areas have been clearcut on the east portion of the Alpha claims.

## PREVIOUS WORK

The earliest known work on the property was placer gold prospecting along the Salmon River. No successful placer operation was ever established. An airborne EM and mag survey was flown by Questor, contracted to Selco Exploration in 1981 over parts of the Salmon River claims. Ground follow up EM and mag was conducted the following year and a target on the property was subsequently drilled.

Further activity in the area was centred on the Windy claims in 1985 and 1986 when several companies conducted property examinations. The claims were eventually optioned to Placer Dome, who completed an aggressive program of linecutting, soil sampling and mag survey and I.P. survey over the core of the property. An access road and a small amount of trenching was also completed later that year.

The first program on the Alpha - Beta property was conducted in 1987 under the supervision of John R. Poloni. This program consisted of prospecting, recon soils, pan concentrates and stream silts. In addition, several rock geochem samples were collected in areas of outcrop.

Noranda Exploration conducted recon soil geochem and pine bark scale surveys in March of 1989 in an attempt to define large porphyry type targets.

## REGIONAL GEOLOGY

The area has most recently been described by J. E. Armstrong in G.S.C. Memoir 252, Fort St. James Map-Area in 1949. The area has also been covered on G.S.C. Map 971A by H. M. A. Rice in 1949 (Geology of Smithers - Fort St. James Area).

The Alpha - Beta claims lies in a broad northwest trending package of rocks known as the Quesnel Trough. These include Upper Triassic to Lower Jurassic Takla Group volcanics and sediments which have been intruded by a series of felsic to ultramafic stocks and batholiths, ranging in age from Upper Triassic to Lower Cretaceous.

The Takla group volcanics and sediments include andesitic to basaltic flows, tuffs, tuff breccia and agglomerates interbedded with conglomerates, greywacke, shales and limestones. The intrusive rocks include the Hogem batholith and several other Omineca intrusions consisting of granite, syenite, granodiorite, quartz diorite, diorite, gabbro and pyroxenite.

The area is cut by numerous fault structures usually trending northwest, parallel to the Pinchi Fault. These may be sub-parallel splay faults with tensional or transverse structures trending east-west.

## GEOPHYSICS

A well defined plug-like feature lies just to the SE of the grid's central area. Another feature of similar characteristics, but smaller, appears to lie to its SW off the grid. The plug feature is not intensely magnetic with respect to the rest of the grid suggesting an intermediate igneous stockwork. The plug is surrounded by a trough which is due in part to the plug's amplitude. However at the plug's west flank, the trough would appear to be a contact zone with a package of rocks that have sharp, localized, somewhat linear magnetic signatures. Elsewhere the magnetics are undulating. See Figure 5 in pocket files at rear of report.

## GEOCHEMISTRY

### Alpha Grid

Soils - Method:

During the 1989 field season, Noranda personnel collected 185 soil samples on the Alpha recon grid. The samples were taken from the "B" horizon at 50 metre intervals along lines 400 metres apart. The samples were placed in kraft paper bags, dried and shipped to Acme Analytical Laboratories Ltd., 852 E. Hastings St., Vancouver, B.C. The samples were analyzed for 30 elements by ICP and gold by geochem. The copper and gold values are plotted on 1:5,000 maps in pocket files at rear of report (Figures 3, 4). Other results are found in Appendix IV.

Soils - Observations:

Copper: There are numerous copper (>/= 100 ppm) anomalies scattered throughout the recon grid. The copper values range from 6 to 461 ppm. The anomalous values are:

| Location | Cu (ppm) |
|---|---|
| L14800E, 21600N | 111 |
| 22150N | 145 |
| 22200N | 114 |
| L15200E, 21250N | 461 |
| 21700N | 102 |
| 21800N | 141 |
| L15600E, 20000N | 250 |
| 20500N | 372 |
| 20750N | 253 |
| 21250N | 109 |
| 21400N | 417 |
| 21450N | 196 |
| 21900N | 144 |
| 22250N | 145 |
| L16000E, 20150N | 167 |
| 20450N | 159 |
| 20500N | 254 |
| 20650N | 145 |
| 20700N | 115 |
| 21200N | 113 |

Gold: There are several thin linear gold anomalies on the recon grid. Gold values range from 1 to 1020 ppb Au and anything >/= 20 ppb is considered anomalous. The multi-station anomalies are sub-parallel and trend approximately east-west.

| | Location | Au (ppb) |
|---|---|---|
| G-1 | L14800E, 21100N | 186 |
| | L15200E, 21150N | 110 |
| | 21100N | 21 |
| | L15600E, 21200N | 330 |
| | L16000E, 21300N | 34 |
| | 21350N | 41 |
| G-2 | L15200E, 21600N | 950 |
| | L15600E, 21700N | 40 |
| | L16000E, 21800N | 70 |
| | 21850N | 73 |
| G-3 | L15200E, 20800N | 43 |
| | 20850N | 1020 |
| | L15600E, 20800N | 49 |
| | L16000E, 20950N | 44 |
| G-4 | L15200E, 20050N | 72 |
| | L15600E, 20200N | 106 |
| | 20250N | 63 |

Lead: Lead values range from 2 to 153 ppm; there are two values that are considered anomalous.

| Location | Pb (ppm) |
|---|---|
| L15600E, 22050N | 153 |
| L16000E, 21700N | 86 |

Zinc: Zinc values range from 25 to 278 ppm; two values are considered anomalous.

| Location | Zn (ppm) |
|---|---|
| L14800E, 22150N | 278 |
| L16000E, 21700N | 256 |

Silver: Values range from .1 to 4.8 ppm; there are six anomalous silver values.

| Location | | Ag (ppm) |
|---|---|---|
| L15200E, | 22350N | 2.8 |
| | 22400N | 4.8 |
| L15600E, | 20750N | 4.0 |
| | 21900N | 3.1 |
| L16000E, | 20150N | 2.4 |
| | 22600N | 4.5 |

Arsenic: Arsenic values range from 2 to 50 ppm, but none of the values are considered anomalous.

## Beta Grid

Soils - Method:

During the 1989 field season, 130 soil samples were collected from the Beta recon grid. The samples were taken from the "B" horizon at 50 m intervals along lines 100 metres apart, dried, and shipped to Noranda's laboratory at 1050 Davie St., Vancouver, B. C. The samples were analyzed for Cu, Ag, As and Au. The copper and gold results are plotted on maps located in the pocket files at the rear of the report (Figures 3 & 4) and the other results are in Appendix IV.

Soils - Observations:

Copper: Copper values range from 12 to 56 ppm, but none of the samples are considered anomalous.

Gold: Gold values range from 5 to 1000 ppb; there are nine samples scattered throughout the grid that are considered anomalous.

| Location | | Au (ppb) |
|---|---|---|
| L11800E, | 10600N | 50 |
| L12100E, | 10650N | 35 |
| | 10850N | 80 |
| | 11100N | 25 |
| L12200E, | 11250N | 230 |
| L12600E, | 10600N | 55 |
| L12900E, | 10700N | 40 |
| | 10800N | 30 |
| L13000E, | 10950N | 1000 |

Silver: Silver values range from 0.2 to 2.3 ppm; one sample is considered to be anomalous.

| Location | Ag (ppm) |
|---|---|
| L12600E, 10400N | 2.3 |

Arsenic: Arsenic values range from 1 to 10 ppm; none of the samples is considered to be anomalous.

## Alpha Grid

Rocks - Method:

Five rocks were collected from the Alpha recon grid during the 1989 field season. The rocks were placed in plastic bags and shipped to Acme Analytical Laboratories Ltd., at 852 E. Hastings St., Vancouver, B.C. The rocks were analyzed for 30 elements by ICP and gold by geochem. Results are in Appendix IV.

Rocks - Observations:

None of the rocks are considered to be anomalous.

## CONCLUSIONS

The recon grid on the Alpha property has numerous copper anomalies scattered throughout the grid. Several linear gold anomalies trend roughly east-west across the grid. Five rock samples collected from the grid were not anomalous.

The Beta grid has a number of scattered gold anomalies. The Beta grid is located in an area of deep till and overburden; geochemistry is not very effective in this area. The magnetometer survey on the Beta grid reveals a well defined plug-like feature just to the SE of the grid's central area.

## RECOMMENDATIONS

Extend the Alpha recon grid to the east and west and establish mini-grids around the anomalous areas. Complete an IP survey over promising geochem anomalies.

Due to the depth of overburden on the Beta grid, further exploration should involve geophysical methods. An IP survey should be completed over the plug-like feature identified by the magnetometer survey.

## REFERENCES

Armstrong, J.E., 1949: G.S.C. Memoir 252, Fort St. James Map Area.

Hewton, R.S., 1985: Results of examination of the Windy property. Brinco Limited BCDM Ass. Rpt # 14449.

Poloni, J.R., 1988: Report on the Alpha and Beta Claims, on behalf of E.S. Peters, Owner. BCDM Ass. Rpt # 17216.

Price, S., 1987: Geochemical, Geophysical and Trenching Report. Placer Dome Inc. BCDM Ass. Rpt # 16597.

# APPENDIX I

## STATEMENT OF COSTS

## ALPHA GROUP

| | | |
|---|---|---|
| A) | WAGES: | |
| | Linecutting - 4 man-days @ $100/day | $ 400.00 |
| | Soil Sampling - 4 man-days @ $100/day | $ 400.00 |
| B) | FOOD & ACCOMMODATION & TRANSPORTATION: | |
| | 8 man-days @ $50/day | $ 400.00 |
| C) | ANALYSIS: | |
| | Soil samples - 185 @ $15.25/sample | $ 2,821.25 |
| | Rock samples - 5 @ $15.25/sample | $ 76.25 |
| D) | COST OF REPORT PREPARATION: | |
| | Author | $ 200.00 |
| | Drafting | $ 150.00 |
| | Typing | $ 50.00 |
| | | $ 4,497.50 |

# APPENDIX I

## STATEMENT OF COSTS

## BETA GROUP

| | | |
|---|---|---|
| A) | WAGES: | |
| | Linecutting - 14 man-days @ $100/day | $ 1,400.00 |
| | Soil sampling - 10 man-days @ $100/day | $ 1,000.00 |
| | Magnetometer Survey - 5 man-days @ $150/day | $ 750.00 |
| B) | FOOD, ACCOMMODATION & TRANSPORTATION: | |
| | 29 man-days @ $50/day | $ 1,450.00 |
| C) | ANALYSIS: | |
| | Soil Samples - 130 @ $8.70/sample | $ 1,131.00 |
| D) | COST OF REPORT PREPARATION | |
| | Author | $ 250.00 |
| | Drafting | $ 200.00 |
| | Typing | $ 50.000 |
| | | $ 6,181.00 |

# APPENDIX II

## STATEMENT OF QUALIFICATIONS

APPENDIX II

STATEMENT OF QUALIFICATIONS

I, Terrence Campbell, of Prince George, Province of British Columbia, do hereby certify that:

1. I am a geologist residing at 6634 Essex Crescent, Prince George, British Columbia.

2. I am a 1985 graduate of the University of British Columbia, B.Sc. (Geology).

3. I am a member in good standing of the British Columbia Yukon Chamber of Mines.

4. I presently hold the position of Field Geologist with Noranda Exploration Company, Limited (no personnal liability) and have been in their employ since 1986.

Terrence Campbell

## STATEMENT OF QUALIFICATIONS

I, Ted Wong, of the City of Vancouver, Province of British Columbia, hereby certify that:

1. I am a geophysicist residing in Burnaby, B.C.

2. I have graduated from the University of British Columbia in 1983 with a B.Sc. in Geophysics.

3. I am a professional geophysicist, registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta. I am a licensed professional geophysicist, registered with the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories.

4. I have practised by profession on a continual basis since 1984.

5. I have been employed by Noranda Exploration Company, Limited since September, 1989.

Ted Wong

Ted T. Wong, P. Geoph.

# APPENDIX III

## ANALYTICAL PROCEDURE

# ANALYTICAL METHOD DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

Revised:01/86

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver. (March, 1984)

## Preparation of Samples

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples) are analysed in its entirety, when it is to be determined for gold without further sample preparation. See addendum.

## Analysis of Samples.

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.2 g or less depending on the matrix of the rock, and twice as much acid is used for decomposition than that is used for silt or soil.

The concentrations of Ag, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, V and Zn (all the group A elements of the fee schedule) can be determined directly from the digest (dissolution) with an atomic absorption spectrometer (AA). A Varian-Techtron Model AA-5 or Model AA-475 is used to measure elemental concentrations.

## Elements Requiring Specific Decomposition Method

**Antimony - Sb:** 0.2 g sample is attacked with 3.3 mL of 6% tartaric acid, 1.5 mL conc. hydrochloric acid and 0.5 mL of conc. nitric acid, then heated in a water bath for 3 hours at 95° C. Sb is determined directly from the acid solution with an AA-475 equipped with electrodeless discharge lamp (EDL).

**Arsenic - As:** 0.2 - 0.4 g sample is digested with 1.5 mL of 70 % perchloric acid and 0.5 mL of conc. nitric acid. A Varian AA-475 equipped with an As-EDL measures the arsenic concentration of the digest.

**Barium – Ba:** 0.1 g sample is decomposed with conc. perchloric, nitric and hydrofluoric acid. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

**Bismuth – Bi:** 0.2 g – 0.3 g is digested with 2.0 ml of perchloric 70% and 1.0 ml of conc. nitric acid. Bismuth is determined directly from the digest into the flame of the AA instrument c/w EDL.

**Gold – Au:** 10.0 g sample (Pan-concentrates see below) is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with Methyl iso-Butyl ketone (MIBK) from the aqueous solution. Gold is determined from the MIBK solution with flame AA.

**Magnesium – Mg:** 0.05 – 0.10 g sample is digested with 4 ml perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with a nitrous oxide flame determines Mg from the aqueous solution.

**Tungsten – W:** 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colourimetric comparison with standards to measure tungsten concentration.

**Uranium – U:** An aliquot, taken from a perchloric-nitric (3:1) decomposition, usually from the multi-element digestion, is diluted with water and a phosphate buffer. This solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

LOWEST VALUES REPORTED IN PPM

| | | | |
|---|---|---|---|
| Ag – 0.2 | Mn – 20 | Zn – 1 | Au – 0.01 (10PPB) |
| Cd – 0.2 | Mo – 1 | Sb – 1 | W – 2 |
| Co – 1 | Ni – 1 | As – 1 | U – 0.1 |
| Cu – 1 | Pb – 1 | Ba – 10 | |
| Fe – 100 | V – 10 | Bi – 1 | |

# APPENDIX IV

## ANALYTICAL RESULTS

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

# GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

RECEIVED AUG 30 1989

DATE RECEIVED: AUG 17 1989 DATE REPORT MAILED: Aug 26/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8908-067 283 File # 89-2991 Page 1

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14800E 22500N | 1 | 70 | 11 | 68 | .8 | 27 | 10 | 326 | 3.50 | 12 | 5 | ND | 1 | 43 | 1 | 2 | 3 | 76 | .40 | .057 | 11 | 46 | .61 | 107 | .07 | 2 | 2.05 | .01 | .07 | 1 | 9 |
| L14800E 22450N | 1 | 24 | 10 | 36 | .4 | 11 | 5 | 125 | 1.95 | 3 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 52 | .30 | .039 | 7 | 28 | .25 | 67 | .06 | 2 | 1.07 | .01 | .05 | 1 | 4 |
| L14800E 22400N | 1 | 21 | 7 | 51 | .1 | 15 | 7 | 272 | 2.50 | 3 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 64 | .32 | .046 | 8 | 40 | .62 | 57 | .08 | 5 | 1.59 | .01 | .04 | 1 | 22 |
| L14800E 22350N | 1 | 6 | 6 | 33 | .2 | 8 | 2 | 85 | 1.00 | 2 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 31 | .27 | .020 | 8 | 19 | .20 | 49 | .08 | 3 | .86 | .01 | .03 | 2 | 6 |
| L14800E 22300N | 1 | 71 | 13 | 97 | .7 | 30 | 20 | 440 | 5.96 | 7 | 6 | ND | 1 | 51 | 1 | 2 | 2 | 132 | .28 | .045 | 7 | 44 | 1.20 | 193 | .13 | 4 | 3.46 | .01 | .07 | 1 | 2 |
| L14800E 22250N | 1 | 35 | 15 | 72 | .3 | 19 | 9 | 289 | 3.74 | 11 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 91 | .32 | .071 | 7 | 42 | .60 | 64 | .08 | 2 | 2.00 | .01 | .04 | 1 | 3 |
| L14800E 22200N | 1 | 114 | 23 | 184 | .8 | 26 | 14 | 1132 | 4.17 | 12 | 5 | ND | 1 | 80 | 1 | 2 | 2 | 75 | 1.02 | .043 | 9 | 49 | .68 | 72 | .08 | 6 | 2.21 | .01 | .04 | 1 | 4 |
| L14800E 22150N | 1 | 145 | 25 | 278 | 1.1 | 26 | 20 | 5303 | 4.08 | 9 | 5 | ND | 1 | 90 | 3 | 2 | 3 | 71 | 1.22 | .074 | 12 | 41 | .49 | 190 | .06 | 4 | 1.92 | .01 | .05 | 1 | 2 |
| L14800E 22100N | 1 | 27 | 13 | 57 | 1.3 | 11 | 6 | 352 | 3.24 | 15 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 97 | .27 | .061 | 8 | 31 | .31 | 96 | .08 | 4 | 1.14 | .01 | .04 | 1 | 5 |
| L14800E 22050N | 1 | 21 | 10 | 41 | .3 | 12 | 5 | 238 | 2.68 | 4 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 84 | .27 | .046 | 8 | 32 | .33 | 70 | .09 | 2 | 1.34 | .01 | .03 | 2 | 7 |
| L14800E 22000N | 1 | 21 | 10 | 34 | .9 | 9 | 4 | 137 | 2.43 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 67 | .23 | .048 | 9 | 30 | .24 | 63 | .08 | 2 | 1.44 | .01 | .03 | 2 | 64 |
| L14800E 21950N | 1 | 35 | 10 | 65 | .2 | 17 | 9 | 303 | 4.62 | 11 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 102 | .26 | .089 | 9 | 44 | .51 | 67 | .08 | 2 | 1.83 | .01 | .05 | 1 | 4 |
| L14800E 21900N | 1 | 24 | 7 | 32 | .3 | 8 | 4 | 176 | 1.71 | 2 | 5 | ND | 1 | 52 | 1 | 2 | 2 | 46 | .52 | .029 | 11 | 23 | .17 | 148 | .06 | 5 | 1.09 | .01 | .05 | 2 | 1 |
| L14800E 21850N | 1 | 65 | 9 | 87 | 1.4 | 25 | 10 | 1009 | 3.03 | 4 | 5 | ND | 1 | 186 | 2 | 2 | 3 | 58 | 2.76 | .101 | 11 | 38 | .40 | 160 | .04 | 8 | 1.82 | .01 | .06 | 1 | 5 |
| L14800E 21700N | 1 | 30 | 8 | 62 | .3 | 19 | 8 | 455 | 3.29 | 7 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 77 | .49 | .070 | 7 | 42 | .53 | 98 | .07 | 2 | 1.57 | .01 | .06 | 1 | 1 |
| L14800E 21650N | 1 | 22 | 11 | 86 | .2 | 17 | 8 | 362 | 3.12 | 4 | 5 | ND | 1 | 40 | 1 | 2 | 3 | 74 | .49 | .057 | 8 | 41 | .44 | 111 | .08 | 8 | 1.54 | .01 | .05 | 1 | 4 |
| L14800E 21600N | 1 | 111 | 9 | 122 | 1.1 | 47 | 16 | 1167 | 4.95 | 10 | 5 | ND | 1 | 101 | 1 | 2 | 2 | 91 | 1.30 | .096 | 23 | 65 | .93 | 317 | .06 | 2 | 3.35 | .01 | .12 | 1 | 7 |
| L14800E 21550N | 1 | 28 | 7 | 58 | .8 | 25 | 7 | 252 | 2.53 | 4 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 60 | .27 | .041 | 8 | 45 | .49 | 86 | .07 | 9 | 1.68 | .01 | .05 | 1 | 4 |
| L14800E 21500N | 1 | 20 | 4 | 48 | .3 | 20 | 6 | 207 | 2.18 | 4 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 59 | .33 | .057 | 7 | 37 | .53 | 59 | .10 | 2 | 1.52 | .01 | .04 | 1 | 5 |
| L14800E 21450N | 1 | 15 | 6 | 56 | .4 | 36 | 8 | 244 | 2.15 | 2 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 51 | .35 | .045 | 9 | 42 | .45 | 91 | .09 | 5 | 1.26 | .01 | .03 | 1 | 4 |
| L14800E 21400N | 1 | 24 | 4 | 81 | .2 | 29 | 10 | 356 | 3.14 | 7 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 71 | .36 | .070 | 7 | 47 | .51 | 92 | .09 | 2 | 1.37 | .01 | .06 | 1 | 4 |
| L14800E 21350N | 1 | 24 | 4 | 76 | .2 | 27 | 10 | 368 | 3.01 | 6 | 5 | ND | 1 | 31 | 1 | 2 | 3 | 71 | .35 | .055 | 7 | 44 | .48 | 95 | .08 | 3 | 1.28 | .01 | .06 | 1 | 3 |
| L14800E 21300N | 1 | 8 | 5 | 29 | .1 | 8 | 3 | 119 | 1.83 | 2 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 62 | .27 | .045 | 9 | 22 | .17 | 53 | .08 | 2 | 1.01 | .01 | .03 | 1 | 2 |
| L14800E 21250N | 1 | 15 | 7 | 38 | .2 | 13 | 5 | 273 | 2.63 | 3 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 69 | .31 | .129 | 6 | 32 | .35 | 56 | .08 | 2 | 1.43 | .01 | .03 | 1 | 70 |
| L14800E 21200N | 1 | 15 | 8 | 46 | .5 | 11 | 6 | 217 | 2.84 | 3 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 96 | .29 | .051 | 6 | 36 | .33 | 39 | .12 | 7 | 1.13 | .01 | .02 | 2 | 11 |
| L14800E 21150N | 1 | 13 | 5 | 33 | .3 | 12 | 4 | 180 | 2.28 | 4 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 86 | .28 | .062 | 7 | 35 | .30 | 64 | .10 | 5 | 1.06 | .01 | .03 | 1 | 12 |
| L14800E 21100N | 1 | 25 | 8 | 43 | .5 | 17 | 7 | 232 | 3.20 | 7 | 5 | ND | 1 | 31 | 1 | 3 | 2 | 84 | .39 | .119 | 7 | 45 | .47 | 64 | .10 | 5 | 1.45 | .01 | .04 | 1 | 186 |
| L14800E 21050N | 1 | 30 | 6 | 55 | .4 | 19 | 10 | 257 | 4.09 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 112 | .34 | .066 | 5 | 56 | .73 | 56 | .13 | 5 | 1.82 | .01 | .05 | 1 | 9 |
| L14800E 20950N | 1 | 56 | 7 | 63 | .3 | 30 | 10 | 243 | 3.44 | 9 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 75 | .36 | .133 | 10 | 56 | .72 | 68 | .08 | 2 | 2.12 | .01 | .05 | 1 | 7 |
| L14800E 20900N | 1 | 71 | 7 | 58 | 1.0 | 22 | 9 | 643 | 2.76 | 5 | 5 | ND | 1 | 50 | 1 | 2 | 3 | 62 | .83 | .048 | 9 | 44 | .49 | 87 | .07 | 7 | 1.67 | .01 | .04 | 1 | 3 |
| L14800E 20850N | 1 | 23 | 8 | 67 | .3 | 23 | 7 | 336 | 2.69 | 4 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 57 | .33 | .079 | 9 | 40 | .59 | 79 | .09 | 5 | 1.78 | .01 | .05 | 1 | 5 |
| L14800E 20800N | 1 | 31 | 9 | 71 | .1 | 27 | 8 | 432 | 2.83 | 6 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 54 | .35 | .062 | 11 | 39 | .56 | 98 | .09 | 2 | 1.55 | .01 | .04 | 1 | 4 |
| L14800E 20750N | 1 | 31 | 6 | 68 | .2 | 25 | 7 | 242 | 3.25 | 8 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 70 | .30 | .103 | 11 | 45 | .59 | 81 | .09 | 4 | 2.14 | .01 | .05 | 1 | 6 |
| L14800E 20700N | 1 | 29 | 12 | 65 | .2 | 23 | 6 | 235 | 3.09 | 7 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 68 | .29 | .098 | 11 | 44 | .55 | 75 | .09 | 6 | 2.01 | .01 | .05 | 1 | 8 |
| L14800E 20650N | 1 | 32 | 7 | 70 | .2 | 25 | 8 | 384 | 3.23 | 7 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 68 | .36 | .094 | 8 | 41 | .66 | 133 | .08 | 4 | 1.85 | .01 | .04 | 1 | 4 |
| L14800E 20600N | 1 | 36 | 6 | 65 | .3 | 31 | 11 | 385 | 3.89 | 10 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 83 | .38 | .154 | 7 | 50 | .75 | 106 | .08 | 2 | 2.26 | .01 | .05 | 1 | 6 |
| STD C/AU-S | 18 | 63 | 36 | 132 | 6.7 | 74 | 31 | 1031 | 4.20 | 40 | 18 | 6 | 36 | 47 | 18 | 17 | 23 | 57 | .47 | .092 | 38 | 55 | .85 | 173 | .07 | 31 | 1.96 | .06 | .14 | 11 | 48 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L14800E 20500N | 2 | 25 | 7 | 41 | .1 | 19 | 8 | 182 | 3.70 | 11 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 96 | .35 | .028 | 5 | 42 | .43 | 54 | .12 | 2 | 1.33 | .01 | .04 | 3 | 72 |
| L14800E 20400N | 1 | 30 | 13 | 43 | .3 | 18 | 8 | 178 | 3.20 | 6 | 5 | ND | 4 | 22 | 1 | 2 | 2 | 84 | .25 | .044 | 9 | 37 | .47 | 45 | .08 | 3 | 1.44 | .01 | .05 | 3 | 3 |
| L14800E 20350N | 1 | 27 | 10 | 57 | .5 | 16 | 9 | 291 | 3.98 | 8 | 5 | ND | 4 | 21 | 1 | 2 | 2 | 101 | .28 | .155 | 9 | 42 | .52 | 45 | .07 | 6 | 2.04 | .01 | .05 | 1 | 197 |
| L14800E 20300N | 1 | 20 | 13 | 89 | .3 | 11 | 9 | 448 | 4.47 | 4 | 5 | ND | 6 | 16 | 1 | 2 | 2 | 93 | .18 | .232 | 9 | 41 | .46 | 64 | .06 | 4 | 2.61 | .01 | .05 | 2 | 6 |
| L14800E 20250N | 1 | 34 | 7 | 115 | .5 | 20 | 12 | 374 | 3.56 | 10 | 9 | ND | 4 | 19 | 1 | 2 | 2 | 80 | .24 | .120 | 9 | 40 | .68 | 67 | .05 | 6 | 2.42 | .01 | .07 | 1 | 1 |
| L14800E 20200N | 1 | 32 | 8 | 75 | .1 | 20 | 10 | 310 | 3.77 | 4 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 81 | .24 | .147 | 8 | 43 | .63 | 63 | .07 | 10 | 2.28 | .01 | .05 | 1 | 5 |
| L15200E 22400N | 1 | 86 | 14 | 33 | 4.8 | 14 | 6 | 142 | 2.23 | 2 | 5 | ND | 2 | 32 | 1 | 3 | 2 | 61 | .23 | .052 | 9 | 25 | .18 | 103 | .05 | 9 | .93 | .01 | .07 | 1 | 7 |
| L15200E 22350N | 1 | 40 | 9 | 53 | 2.8 | 13 | 8 | 209 | 3.39 | 11 | 5 | ND | 2 | 26 | 1 | 1 | 2 | 79 | .27 | .168 | 8 | 32 | .43 | 53 | .07 | 2 | 1.33 | .01 | .07 | 3 | 7 |
| L15200E 22300N | 1 | 27 | 10 | 38 | .8 | 13 | 6 | 143 | 2.53 | 4 | 7 | ND | 2 | 29 | 1 | 2 | 2 | 62 | .31 | .131 | 9 | 32 | .30 | 77 | .06 | 10 | 1.04 | .01 | .06 | 1 | 3 |
| L15200E 22250N | 1 | 32 | 5 | 43 | .9 | 16 | 3 | 272 | 2.65 | 2 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 67 | .23 | .080 | 8 | 32 | .48 | 63 | .07 | 2 | 1.14 | .01 | .04 | 1 | 10 |
| L15200E 22200N | 1 | 24 | 14 | 53 | .8 | 19 | 8 | 408 | 3.10 | 6 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 74 | .26 | .084 | 9 | 36 | .44 | 50 | .08 | 5 | 1.41 | .01 | .04 | 1 | 8 |
| L15200E 22150N | 1 | 39 | 7 | 52 | .8 | 26 | 9 | 259 | 3.29 | 7 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 76 | .36 | .069 | 9 | 41 | .60 | 44 | .09 | 6 | 1.32 | .01 | .06 | 1 | 5 |
| L15200E 22100N | 1 | 78 | 10 | 83 | 1.4 | 52 | 14 | 1106 | 4.10 | 3 | 5 | ND | 2 | 57 | 1 | 2 | 2 | 86 | .87 | .073 | 18 | 57 | .78 | 117 | .08 | 2 | 2.73 | .01 | .10 | 1 | 5 |
| L15200E 22000N | 1 | 13 | 7 | 42 | 1.0 | 16 | 4 | 165 | 1.91 | 3 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 52 | .33 | .088 | 7 | 30 | .30 | 59 | .07 | 3 | .97 | .01 | .04 | 2 | 19 |
| L15200E 21950N | 1 | 19 | 9 | 40 | .4 | 37 | 7 | 356 | 1.72 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 50 | .45 | .045 | 8 | 36 | .55 | 91 | .07 | 2 | 1.08 | .01 | .05 | 1 | 9 |
| L15200E 21900N | 2 | 97 | 11 | 127 | .7 | 71 | 16 | 916 | 3.69 | 7 | 5 | ND | 2 | 78 | 1 | 2 | 2 | 69 | 1.29 | .093 | 24 | 56 | .73 | 153 | .04 | 3 | 2.50 | .01 | .08 | 1 | 5 |
| L15200E 21850N | 1 | 141 | 10 | 115 | 1.4 | 154 | 25 | 1039 | 4.23 | 8 | 8 | ND | 2 | 82 | 2 | 2 | 2 | 80 | 1.46 | .089 | 25 | 76 | .78 | 236 | .03 | 2 | 2.72 | .01 | .09 | 1 | 2 |
| L15200E 21750N | 1 | 69 | 4 | 34 | 1.0 | 41 | 13 | 886 | 2.91 | 2 | 5 | ND | 1 | 111 | 1 | 2 | 2 | 52 | 2.12 | .120 | 19 | 37 | .51 | 145 | .02 | 7 | 2.03 | .01 | .09 | 1 | 2 |
| L15200E 21700N | 1 | 102 | 10 | 108 | .5 | 43 | 21 | 1083 | 4.29 | 4 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 82 | .95 | .066 | 16 | 53 | .80 | 189 | .04 | 5 | 2.69 | .01 | .08 | 1 | 13 |
| L15200E 21650N | 1 | 49 | 11 | 74 | .3 | 21 | 15 | 840 | 3.20 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 67 | .48 | .066 | 10 | 40 | .58 | 146 | .04 | 3 | 1.84 | .01 | .07 | 1 | 3 |
| L15200E 21600N | 1 | 29 | 7 | 56 | .4 | 16 | 7 | 282 | 2.55 | 3 | 9 | ND | 3 | 31 | 1 | 2 | 2 | 64 | .38 | .056 | 11 | 33 | .54 | 71 | .08 | 3 | 1.45 | .01 | .06 | 1 | 950 |
| L15200E 21550N | 1 | 54 | 8 | 71 | .5 | 21 | 10 | 423 | 2.98 | 7 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 74 | .42 | .050 | 11 | 41 | .57 | 116 | .07 | 8 | 1.37 | .01 | .07 | 1 | 9 |
| L15200E 21450N | 2 | 51 | 8 | 98 | .6 | 21 | 17 | 1203 | 3.45 | 6 | 5 | ND | 2 | 45 | 1 | 2 | 3 | 77 | .59 | .059 | 10 | 38 | .70 | 93 | .08 | 4 | 1.95 | .01 | .06 | 1 | 6 |
| L15200E 21400N | 3 | 27 | 2 | 46 | .3 | 8 | 7 | 690 | 1.99 | 3 | 7 | ND | 1 | 31 | 1 | 3 | 2 | 59 | .39 | .045 | 10 | 30 | .30 | 142 | .07 | 4 | .94 | .01 | .05 | 1 | 33 |
| L15200E 21350N | 13 | 26 | 7 | 42 | .4 | 11 | 6 | 145 | 2.29 | 2 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 70 | .32 | .033 | 9 | 36 | .35 | 79 | .07 | 4 | .94 | .01 | .04 | 1 | 9 |
| L15200E 21300N | 6 | 50 | 9 | 63 | .5 | 25 | 11 | 280 | 3.67 | 11 | 8 | ND | 4 | 28 | 1 | 2 | 3 | 82 | .32 | .070 | 10 | 46 | .55 | 85 | .09 | 17 | 1.46 | .01 | .06 | 1 | 2 |
| L15200E 21250N | 155 | 461 | 9 | 69 | .6 | 46 | 18 | 585 | 5.29 | 11 | 5 | ND | 3 | 32 | 1 | 3 | 2 | 101 | .42 | .118 | 7 | 82 | 1.13 | 110 | .10 | 2 | 2.14 | .01 | .08 | 1 | 18 |
| L15200E 21200N | 22 | 81 | 8 | 50 | .7 | 23 | 16 | 505 | 4.04 | 14 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 104 | .35 | .070 | 4 | 54 | .87 | 83 | .10 | 2 | 1.46 | .01 | .06 | 1 | 5 |
| L15200E 21150N | 2 | 20 | 5 | 45 | .2 | 11 | 5 | 179 | 1.97 | 2 | 9 | ND | 3 | 25 | 1 | 2 | 2 | 59 | .29 | .042 | 10 | 25 | .33 | 38 | .10 | 2 | 1.04 | .01 | .04 | 1 | 110 |
| L15200E 21100N | 1 | 10 | 4 | 44 | .5 | 9 | 4 | 144 | 1.47 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 40 | .28 | .040 | 9 | 22 | .31 | 86 | .05 | 5 | 1.26 | .01 | .04 | 1 | 21 |
| L15200E 21050N | 2 | 25 | 10 | 99 | .4 | 17 | 8 | 356 | 3.77 | 5 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 92 | .37 | .166 | 7 | 38 | .48 | 137 | .07 | 3 | 1.73 | .01 | .06 | 1 | 5 |
| L15200E 21000N | 1 | 22 | 10 | 116 | .1 | 17 | 10 | 438 | 3.61 | 5 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 89 | .43 | .147 | 8 | 40 | .64 | 149 | .09 | 3 | 1.96 | .01 | .09 | 1 | 4 |
| L15200E 20950N | 3 | 23 | 9 | 74 | .1 | 13 | 7 | 180 | 3.26 | 7 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 85 | .28 | .104 | 8 | 32 | .28 | 99 | .07 | 10 | 1.27 | .01 | .05 | 1 | 3 |
| L15200E 20900N | 1 | 32 | 11 | 79 | .2 | 17 | 9 | 251 | 3.68 | 6 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 89 | .24 | .098 | 9 | 37 | .62 | 68 | .08 | 5 | 2.11 | .01 | .05 | 1 | 8 |
| L15200E 20850N | 1 | 22 | 10 | 65 | .1 | 13 | 7 | 175 | 3.32 | 2 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 91 | .29 | .156 | 9 | 32 | .54 | 56 | .08 | 6 | 1.99 | .01 | .05 | 1 | 1020 |
| L15200E 20800N | 1 | 21 | 9 | 45 | .1 | 16 | 7 | 191 | 3.31 | 8 | 5 | ND | 3 | 24 | 1 | 2 | 2 | 91 | .25 | .094 | 7 | 37 | .48 | 49 | .10 | 2 | 1.64 | .01 | .04 | 1 | 43 |
| STD C/AU-S | 19 | 62 | 44 | 132 | 7.1 | 66 | 31 | 1025 | 4.18 | 38 | 22 | 6 | 37 | 50 | 19 | 16 | 22 | 61 | .49 | .090 | 40 | 53 | .86 | 174 | .07 | 38 | 1.98 | .06 | .13 | 13 | 50 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L15200E 20750N | 1 | 9 | 10 | 25 | .2 | 7 | 3 | 89 | 1.38 | 3 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 55 | .19 | .034 | 10 | 18 | .20 | 35 | .08 | 2 | .80 | .01 | .02 | 2 | 11 |
| L15200E 20700N | 1 | 26 | 4 | 54 | .1 | 18 | 8 | 242 | 2.64 | 6 | 5 | ND | 1 | 29 | 1 | 3 | 2 | 68 | .36 | .082 | 7 | 34 | .61 | 88 | .07 | 2 | 1.66 | .01 | .04 | 1 | 17 |
| L15200E 20650N | 1 | 74 | 5 | 54 | .2 | 33 | 13 | 292 | 3.22 | 12 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 77 | .36 | .052 | 6 | 43 | .69 | 64 | .08 | 2 | 1.75 | .01 | .04 | 1 | 11 |
| L15200E 20600N | 1 | 8 | 7 | 25 | .1 | 4 | 2 | 117 | .81 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 32 | .15 | .020 | 12 | 12 | .12 | 35 | .07 | 2 | .65 | .01 | .02 | 1 | 7 |
| L15200E 20550N | 1 | 15 | 5 | 37 | .2 | 7 | 4 | 120 | 1.21 | 2 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 45 | .28 | .018 | 10 | 20 | .27 | 54 | .08 | 2 | 1.06 | .01 | .02 | 1 | 7 |
| L15200E 20500N | 1 | 19 | 9 | 46 | .1 | 17 | 7 | 175 | 3.65 | 10 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 122 | .23 | .073 | 6 | 48 | .48 | 40 | .11 | 2 | 1.39 | .01 | .03 | 1 | 21 |
| L15200E 20450N | 1 | 7 | 3 | 24 | .1 | 11 | 5 | 125 | 1.58 | 4 | 5 | ND | 1 | 38 | 1 | 4 | 2 | 64 | .33 | .021 | 7 | 31 | .33 | 28 | .14 | 2 | .80 | .01 | .02 | 1 | 10 |
| L15200E 20400N | 1 | 12 | 6 | 41 | .3 | 10 | 4 | 144 | 2.67 | 5 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 77 | .24 | .173 | 6 | 32 | .27 | 46 | .09 | 2 | 1.58 | .01 | .02 | 3 | 11 |
| L15200E 20350N | 1 | 28 | 11 | 58 | .3 | 17 | 9 | 247 | 3.91 | 13 | 5 | ND | 1 | 25 | 1 | 3 | 2 | 105 | .33 | .158 | 5 | 43 | .65 | 50 | .09 | 3 | 2.09 | .01 | .04 | 1 | 10 |
| L15200E 20300N | 1 | 39 | 5 | 117 | .3 | 27 | 13 | 460 | 3.84 | 7 | 5 | ND | 2 | 27 | 1 | 4 | 2 | 87 | .38 | .226 | 7 | 52 | .81 | 81 | .09 | 2 | 2.77 | .01 | .05 | 1 | 5 |
| L15200E 20250N | 1 | 10 | 3 | 29 | .1 | 7 | 3 | 168 | 1.88 | 3 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 57 | .29 | .054 | 6 | 21 | .19 | 36 | .10 | 2 | .90 | .01 | .03 | 2 | 4 |
| L15200E 20200N | 1 | 10 | 4 | 26 | .1 | 7 | 2 | 62 | .58 | 2 | 5 | ND | 1 | 41 | 1 | 2 | 2 | 27 | .41 | .032 | 6 | 17 | .11 | 99 | .05 | 2 | .90 | .01 | .03 | 1 | 4 |
| L15200E 20150N | 1 | 10 | 8 | 41 | .1 | 8 | 4 | 627 | 1.29 | 2 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 45 | .43 | .038 | 7 | 23 | .20 | 75 | .07 | 2 | .71 | .01 | .05 | 1 | 5 |
| L15200E 20050N | 1 | 20 | 3 | 42 | .3 | 13 | 6 | 270 | 2.06 | 3 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 66 | .36 | .046 | 6 | 34 | .39 | 98 | .08 | 2 | 1.15 | .01 | .05 | 3 | 72 |
| L15200E 20000N | 1 | 48 | 5 | 80 | .1 | 25 | 13 | 859 | 3.46 | 9 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 87 | .77 | .126 | 7 | 52 | 1.10 | 142 | .10 | 5 | 1.83 | .01 | .12 | 1 | 5 |
| L15600E 22700N | 1 | 27 | 3 | 129 | 1.1 | 20 | 10 | 471 | 3.05 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 71 | .48 | .208 | 8 | 42 | .72 | 84 | .07 | 2 | 1.79 | .01 | .07 | 1 | 20 |
| L15600E 22650N | 1 | 25 | 14 | 61 | 1.0 | 9 | 5 | 154 | 2.30 | 5 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 73 | .28 | .038 | 12 | 30 | .34 | 70 | .06 | 3 | 1.21 | .01 | .05 | 1 | 5 |
| L15600E 22600N | 1 | 33 | 16 | 77 | 1.2 | 18 | 8 | 260 | 3.91 | 12 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 99 | .29 | .203 | 10 | 41 | .54 | 66 | .05 | 2 | 1.49 | .01 | .07 | 1 | 4 |
| L15600E 22550N | 1 | 47 | 13 | 92 | 1.3 | 41 | 14 | 705 | 4.94 | 11 | 5 | ND | 1 | 31 | 1 | 3 | 2 | 96 | .33 | .096 | 9 | 62 | .86 | 53 | .06 | 2 | 2.08 | .01 | .05 | 1 | 5 |
| L15600E 22500N | 1 | 40 | 11 | 91 | 1.2 | 700 | 48 | 1045 | 4.72 | 6 | 5 | ND | 1 | 70 | 1 | 12 | 2 | 51 | 1.12 | .079 | 9 | 166 | 6.72 | 113 | .05 | 5 | 1.34 | .01 | .05 | 1 | 10 |
| L15600E 22450N | 1 | 27 | 3 | 62 | .6 | 115 | 13 | 383 | 2.57 | 3 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 61 | .43 | .057 | 8 | 50 | 1.30 | 86 | .06 | 5 | 1.17 | .01 | .04 | 1 | 6 |
| L15600E 22400N | 1 | 47 | 10 | 82 | .7 | 23 | 11 | 366 | 4.35 | 11 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 99 | .44 | .087 | 8 | 48 | .81 | 113 | .09 | 2 | 2.19 | .01 | .06 | 1 | 4 |
| L15600E 22300N | 1 | 74 | 7 | 43 | .8 | 20 | 7 | 193 | 2.08 | 6 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 51 | .51 | .065 | 12 | 32 | .38 | 133 | .03 | 2 | 1.39 | .01 | .04 | 2 | 7 |
| L15600E 22250N | 2 | 145 | 20 | 125 | 1.8 | 53 | 19 | 1228 | 5.24 | 16 | 5 | ND | 1 | 78 | 1 | 2 | 3 | 98 | 1.16 | .125 | 14 | 68 | 1.08 | 222 | .04 | 2 | 3.81 | .01 | .12 | 1 | 6 |
| L15600E 22200N | 1 | 78 | 6 | 84 | .8 | 24 | 11 | 426 | 3.43 | 9 | 5 | ND | 1 | 83 | 1 | 2 | 2 | 78 | 1.16 | .069 | 11 | 43 | .80 | 140 | .04 | 2 | 2.33 | .01 | .07 | 1 | 5 |
| L15600E 22050N | 1 | 28 | 153 | 94 | .7 | 13 | 8 | 254 | 4.80 | 18 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 100 | .37 | .078 | 9 | 40 | .74 | 86 | .07 | 2 | 1.86 | .01 | .06 | 1 | 2 |
| L15600E 22000N | 1 | 38 | 9 | 86 | .6 | 19 | 11 | 315 | 4.22 | 12 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 93 | .31 | .101 | 7 | 46 | .92 | 85 | .07 | 3 | 1.98 | .01 | .06 | 1 | 4 |
| L15600E 21950N | 1 | 31 | 18 | 101 | .6 | 14 | 13 | 740 | 4.90 | 45 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 85 | .36 | .211 | 37 | 34 | .90 | 134 | .02 | 2 | 1.95 | .01 | .14 | 1 | 4 |
| L15600E 21900N | 1 | 144 | 25 | 103 | 3.1 | 31 | 14 | 360 | 3.72 | 14 | 5 | ND | 1 | 106 | 1 | 2 | 4 | 72 | 1.45 | .117 | 19 | 40 | .65 | 146 | .02 | 2 | 2.85 | .01 | .07 | 1 | 1 |
| L15600E 21850N | 1 | 18 | 65 | 71 | 1.1 | 9 | 5 | 212 | 2.09 | 6 | 5 | ND | 1 | 23 | 1 | 2 | 4 | 51 | .26 | .096 | 10 | 28 | .46 | 70 | .05 | 2 | 1.33 | .01 | .06 | 1 | 7 |
| L15600E 21800N | 1 | 31 | 15 | 100 | 1.9 | 14 | 12 | 641 | 4.94 | 12 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 122 | .22 | .137 | 8 | 34 | .49 | 80 | .06 | 2 | 1.60 | .01 | .06 | 1 | 2 |
| L15600E 21750N | 1 | 26 | 3 | 119 | 1.4 | 16 | 9 | 344 | 4.23 | 14 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 96 | .30 | .189 | 10 | 33 | .76 | 109 | .06 | 3 | 1.88 | .01 | .06 | 1 | 1 |
| L15600E 21700N | 1 | 33 | 5 | 76 | .3 | 19 | 10 | 368 | 3.31 | 13 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 85 | .49 | .042 | 10 | 38 | .60 | 77 | .09 | 2 | 1.58 | .01 | .06 | 1 | 40 |
| L15600E 21600N | 1 | 28 | 2 | 50 | .2 | 16 | 7 | 168 | 3.01 | 6 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 90 | .32 | .035 | 9 | 36 | .34 | 53 | .08 | 2 | 1.43 | .01 | .03 | 2 | 8 |
| L15600E 21550N | 1 | 28 | 3 | 64 | .1 | 20 | 8 | 241 | 2.56 | 4 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 69 | .47 | .034 | 11 | 38 | .73 | 77 | .10 | 7 | 1.62 | .01 | .05 | 1 | 11 |
| L15600E 21500N | 1 | 78 | 2 | 74 | .7 | 25 | 12 | 455 | 3.28 | 8 | 5 | ND | 1 | 62 | 1 | 4 | 2 | 79 | .70 | .055 | 12 | 45 | .52 | 107 | .07 | 3 | 1.98 | .01 | .06 | 1 | 9 |
| STD C/AU-S | 19 | 63 | 43 | 134 | 7.0 | 75 | 31 | 1024 | 3.99 | 45 | 19 | 8 | 39 | 50 | 19 | 15 | 18 | 60 | .52 | .096 | 40 | 58 | .94 | 182 | .07 | 36 | 1.95 | .06 | .13 | 12 | 52 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPB | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L15600E 21450N | 6 | 196 | 11 | 101 | 1.0 | 28 | 25 | 1370 | 4.99 | 8 | 5 | ND | 1 | 79 | 1 | 2 | 2 | 110 | 1.18 | .059 | 6 | 79 | .93 | 99 | .10 | 2 | 1.96 | .01 | .04 | 1 | 7 |
| L15600E 21400N | 87 | 417 | 4 | 131 | .7 | 68 | 29 | 460 | 7.08 | 9 | 5 | ND | 1 | 36 | 1 | 2 | 13 | 147 | .39 | .081 | 3 | 138 | 2.00 | 108 | .18 | 2 | 2.57 | .01 | .07 | 1 | 5 |
| L15600E 21350N | 24 | 90 | 13 | 70 | .5 | 36 | 24 | 660 | 7.51 | 18 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 153 | .21 | .054 | 4 | 103 | 1.59 | 86 | .08 | 2 | 2.57 | .01 | .11 | 1 | 7 |
| L15600E 21300N | 11 | 56 | 6 | 62 | .1 | 42 | 9 | 330 | 3.49 | 2 | 5 | ND | 1 | 24 | 1 | 2 | 3 | 76 | .27 | .061 | 11 | 122 | .98 | 74 | .10 | 6 | 1.57 | .01 | .06 | 1 | 5 |
| L15600E 21250N | 5 | 109 | 13 | 87 | 1.2 | 24 | 11 | 401 | 3.70 | 12 | 5 | ND | 1 | 119 | 1 | 2 | 2 | 92 | 1.22 | .029 | 15 | 44 | .57 | 145 | .08 | 2 | 2.12 | .01 | .05 | 1 | 1 |
| L15600E 21200N | 2 | 28 | 13 | 105 | .4 | 18 | 9 | 282 | 4.91 | 5 | 5 | ND | 1 | 18 | 1 | 2 | 3 | 88 | .20 | .402 | 8 | 40 | .56 | 86 | .07 | 5 | 3.19 | .01 | .05 | 1 | 330 |
| L15600E 21150N | 4 | 74 | 11 | 201 | .7 | 23 | 17 | 1391 | 4.22 | 2 | 5 | ND | 1 | 65 | 2 | 2 | 2 | 87 | .89 | .063 | 8 | 52 | .80 | 133 | .09 | 2 | 2.05 | .01 | .06 | 1 | 2 |
| L15600E 21100N | 3 | 48 | 14 | 104 | .2 | 31 | 15 | 432 | 5.06 | 13 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 158 | .44 | .068 | 5 | 100 | .85 | 153 | .15 | 2 | 1.39 | .01 | .19 | 1 | 28 |
| L15600E 21050N | 2 | 75 | 6 | 72 | .7 | 23 | 23 | 1537 | 4.27 | 2 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 121 | .37 | .058 | 5 | 96 | .65 | 233 | .17 | 2 | 1.16 | .01 | .09 | 1 | 1 |
| L15600E 20900N | 1 | 22 | 7 | 77 | .5 | 19 | 12 | 623 | 4.42 | 2 | 5 | ND | 2 | 28 | 1 | 3 | 14 | 117 | .30 | .080 | 5 | 58 | 1.02 | 121 | .17 | 2 | 1.45 | .01 | .09 | 1 | 3 |
| L15600E 20850N | 2 | 57 | 8 | 73 | .5 | 26 | 23 | 609 | 6.07 | 3 | 5 | ND | 1 | 37 | 1 | 2 | 19 | 145 | .35 | .061 | 4 | 79 | 1.96 | 271 | .20 | 4 | 2.56 | .01 | .14 | 2 | 1 |
| L15600E 20800N | 1 | 55 | 8 | 101 | .9 | 26 | 18 | 960 | 5.40 | 12 | 5 | ND | 1 | 31 | 1 | 2 | 15 | 145 | .25 | .069 | 6 | 58 | 1.17 | 178 | .09 | 5 | 2.21 | .01 | .19 | 2 | 49 |
| L15600E 20750N | 1 | 253 | 9 | 82 | 4.0 | 35 | 10 | 718 | 3.50 | 2 | 5 | ND | 1 | 77 | 5 | 2 | 2 | 71 | 1.06 | .127 | 42 | 47 | .62 | 142 | .03 | 2 | 2.32 | .01 | .05 | 1 | 12 |
| L15600E 20650N | 1 | 42 | 11 | 78 | .5 | 20 | 12 | 595 | 3.20 | 3 | 5 | ND | 1 | 51 | 1 | 2 | 11 | 76 | .70 | .050 | 10 | 41 | .77 | 84 | .08 | 8 | 1.99 | .01 | .06 | 1 | 5 |
| L15600E 20600N | 1 | 25 | 9 | 48 | .5 | 11 | 6 | 195 | 2.61 | 2 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 77 | .36 | .032 | 7 | 36 | .54 | 96 | .09 | 5 | 1.30 | .01 | .05 | 1 | 14 |
| L15600E 20550N | 1 | 23 | 6 | 52 | .4 | 15 | 7 | 227 | 2.65 | 2 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 71 | .43 | .060 | 8 | 39 | .48 | 73 | .08 | 4 | 1.37 | .01 | .03 | 1 | 12 |
| L15600E 20500N | 3 | 372 | 15 | 72 | .9 | 24 | 11 | 735 | 3.40 | 2 | 5 | ND | 1 | 76 | 1 | 2 | 2 | 90 | 1.15 | .035 | 27 | 47 | .72 | 102 | .08 | 2 | 1.92 | .01 | .04 | 1 | 9 |
| L15600E 20450N | 1 | 57 | 6 | 73 | .5 | 17 | 11 | 801 | 3.04 | 2 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 80 | .91 | .048 | 9 | 47 | .61 | 84 | .07 | 10 | 1.66 | .01 | .04 | 1 | 2 |
| L15600E 20400N | 1 | 22 | 5 | 50 | .5 | 11 | 7 | 207 | 2.79 | 3 | 5 | ND | 2 | 30 | 1 | 2 | 3 | 72 | .35 | .044 | 7 | 34 | .48 | 80 | .08 | 3 | 1.39 | .01 | .03 | 1 | 3 |
| L15600E 20300N | 1 | 60 | 9 | 61 | .9 | 13 | 7 | 312 | 3.13 | 2 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 106 | .54 | .036 | 8 | 37 | .44 | 66 | .08 | 2 | 1.17 | .01 | .03 | 1 | 4 |
| L15600E 20250N | 2 | 67 | 14 | 87 | 1.6 | 20 | 12 | 477 | 5.33 | 8 | 5 | ND | 3 | 29 | 1 | 2 | 11 | 137 | .27 | .062 | 8 | 48 | .88 | 86 | .08 | 2 | 1.89 | .01 | .08 | 4 | 63 |
| L15600E 20200N | 1 | 33 | 5 | 106 | .7 | 16 | 13 | 1188 | 4.62 | 3 | 5 | ND | 2 | 29 | 1 | 2 | 3 | 134 | .32 | .065 | 8 | 42 | 1.04 | 102 | .08 | 2 | 2.07 | .01 | .03 | 1 | 106 |
| L15600E 20150N | 1 | 47 | 18 | 71 | .6 | 30 | 13 | 290 | 4.18 | 5 | 5 | ND | 4 | 27 | 1 | 2 | 3 | 96 | .31 | .051 | 7 | 52 | 1.03 | 64 | .10 | 2 | 2.67 | .01 | .05 | 1 | 7 |
| L15600E 20100N | 1 | 114 | 12 | 105 | 1.1 | 32 | 26 | 599 | 5.86 | 12 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 150 | .48 | .073 | 4 | 57 | 2.14 | 46 | .04 | 2 | 3.55 | .01 | .04 | 1 | 8 |
| L15600E 20050N | 1 | 39 | 13 | 72 | .6 | 26 | 14 | 343 | 4.47 | 5 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 139 | .31 | .036 | 6 | 80 | .94 | 84 | .10 | 2 | 1.94 | .01 | .04 | 1 | 3 |
| L15600E 20000N | 2 | 250 | 10 | 71 | .7 | 29 | 15 | 573 | 4.07 | 11 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 90 | .39 | .064 | 8 | 57 | 1.11 | 54 | .07 | 2 | 2.21 | .01 | .04 | 1 | 9 |
| L16000E 22700N | 1 | 24 | 15 | 64 | .3 | 15 | 8 | 263 | 4.15 | 4 | 5 | ND | 3 | 24 | 1 | 2 | 3 | 85 | .30 | .223 | 11 | 36 | .50 | 76 | .06 | 2 | 1.42 | .01 | .06 | 1 | 2 |
| L16000E 22650N | 1 | 23 | 13 | 48 | 1.7 | 9 | 5 | 169 | 2.51 | 6 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 65 | .26 | .046 | 8 | 27 | .40 | 55 | .06 | 2 | 1.38 | .01 | .05 | 2 | 14 |
| L16000E 22600N | 1 | 83 | 16 | 118 | 2.4 | 27 | 14 | 766 | 4.12 | 10 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 80 | .44 | .118 | 12 | 47 | .76 | 138 | .04 | 2 | 2.41 | .01 | .08 | 1 | 12 |
| L16000E 22550N | 1 | 22 | 13 | 55 | .8 | 7 | 7 | 149 | 2.76 | 5 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 79 | .26 | .078 | 11 | 27 | .41 | 61 | .09 | 2 | 1.13 | .01 | .05 | 1 | 8 |
| L16000E 22500N | 1 | 34 | 16 | 125 | .4 | 17 | 14 | 692 | 4.01 | 7 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 84 | .34 | .158 | 8 | 41 | .73 | 127 | .07 | 2 | 1.82 | .01 | .07 | 1 | 4 |
| L16000E 22450N | 1 | 25 | 15 | 99 | .8 | 11 | 10 | 235 | 4.42 | 4 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 89 | .26 | .197 | 12 | 37 | .60 | 97 | .07 | 3 | 1.91 | .01 | .05 | 2 | 8 |
| L16000E 22400N | 1 | 81 | 19 | 91 | .7 | 32 | 15 | 509 | 4.20 | 13 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 88 | .53 | .081 | 15 | 50 | 1.05 | 116 | .07 | 6 | 2.23 | .01 | .10 | 1 | 4 |
| L16000E 22350N | 1 | 55 | 14 | 66 | .4 | 22 | 12 | 339 | 3.70 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 10 | 81 | .28 | .060 | 9 | 38 | .72 | 72 | .07 | 3 | 1.80 | .01 | .06 | 1 | 6 |
| L16000E 22300N | 1 | 56 | 16 | 78 | .5 | 22 | 12 | 310 | 4.40 | 13 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 88 | .43 | .121 | 10 | 43 | .96 | 76 | .07 | 4 | 2.23 | .01 | .07 | 3 | 44 |
| L16000E 22250N | 1 | 53 | 11 | 65 | .9 | 12 | 8 | 368 | 2.99 | 8 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 71 | .31 | .053 | 9 | 31 | .51 | 82 | .05 | 2 | 1.53 | .01 | .06 | 1 | 37 |
| STD C/AU-S | 18 | 60 | 37 | 132 | 7.1 | 70 | 31 | 945 | 4.06 | 38 | 18 | 7 | 37 | 47 | 18 | 14 | 20 | 58 | .47 | .084 | 38 | 52 | .88 | 174 | .07 | 35 | 1.95 | .06 | .14 | 12 | 49 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16000E 22200N | 3 | 91 | 13 | 106 | .8 | 26 | 13 | 515 | 3.83 | 5 | 5 | ND | 1 | 43 | 1 | 2 | 3 | 85 | .51 | .064 | 9 | 49 | .96 | 141 | .04 | 2 | 2.33 | .01 | .08 | 1 | 8 |
| L16000E 22150N | 2 | 79 | 16 | 67 | .7 | 20 | 8 | 225 | 2.77 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 55 | .27 | .074 | 9 | 35 | .72 | 110 | .04 | 2 | 2.18 | .01 | .05 | 1 | 12 |
| L16000E 22100N | 1 | 24 | 9 | 49 | .1 | 7 | 6 | 157 | 2.52 | 4 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 62 | .25 | .037 | 8 | 27 | .45 | 76 | .06 | 2 | 1.32 | .01 | .04 | 1 | 5 |
| L16000E 22050N | 1 | 25 | 13 | 46 | .1 | 7 | 7 | 151 | 2.39 | 3 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 60 | .24 | .038 | 8 | 26 | .46 | 62 | .06 | 3 | 1.27 | .01 | .03 | 1 | 146 |
| L16000E 22000N | 1 | 17 | 8 | 74 | .6 | 9 | 7 | 250 | 2.38 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 53 | .23 | .079 | 10 | 25 | .59 | 95 | .05 | 2 | 1.46 | .01 | .05 | 1 | 14 |
| L16000E 21950N | 2 | 55 | 5 | 69 | .3 | 28 | 13 | 1488 | 3.43 | 2 | 5 | ND | 1 | 97 | 1 | 2 | 3 | 65 | 1.63 | .074 | 9 | 43 | .67 | 186 | .03 | 3 | 1.99 | .01 | .04 | 1 | 12 |
| L16000E 21900N | 1 | 47 | 29 | 73 | .1 | 14 | 10 | 485 | 2.99 | 2 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 71 | .89 | .054 | 6 | 30 | .47 | 106 | .04 | 2 | 1.44 | .01 | .04 | 1 | 6 |
| L16000E 21850N | 4 | 45 | 20 | 71 | .1 | 14 | 10 | 222 | 4.25 | 8 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 118 | .19 | .049 | 6 | 44 | .53 | 96 | .08 | 2 | 1.17 | .01 | .05 | 1 | 73 |
| L16000E 21800N | 3 | 32 | 14 | 73 | .4 | 12 | 16 | 530 | 4.49 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 118 | .30 | .046 | 7 | 43 | .72 | 151 | .06 | 2 | 1.34 | .01 | .08 | 1 | 70 |
| L16000E 21750N | 1 | 122 | 20 | 145 | .1 | 15 | 30 | 1358 | 7.95 | 50 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 138 | .39 | .112 | 4 | 33 | 1.97 | 181 | .01 | 2 | 3.43 | .01 | .10 | 2 | 16 |
| L16000E 21700N | 2 | 93 | 86 | 256 | .1 | 13 | 42 | 4906 | 7.48 | 46 | 5 | ND | 1 | 54 | 2 | 2 | 2 | 131 | .50 | .230 | 6 | 34 | 1.22 | 415 | .02 | 2 | 2.59 | .01 | .07 | 1 | 6 |
| L16000E 21600N | 8 | 62 | 20 | 73 | .4 | 19 | 10 | 423 | 4.50 | 16 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 102 | .21 | .069 | 9 | 50 | .74 | 81 | .06 | 2 | 1.92 | .01 | .04 | 1 | 4 |
| L16000E 21550N | 3 | 29 | 21 | 104 | .1 | 15 | 10 | 282 | 3.82 | 7 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 105 | .31 | .034 | 6 | 40 | .61 | 57 | .08 | 4 | 1.47 | .01 | .06 | 1 | 14 |
| L16000E 21500N | 2 | 9 | 20 | 70 | .9 | 3 | 5 | 773 | 1.25 | 2 | 13 | ND | 5 | 9 | 1 | 2 | 3 | 23 | .11 | .028 | 29 | 12 | .09 | 87 | .01 | 2 | 1.23 | .01 | .07 | 2 | 8 |
| L16000E 21450N | 3 | 26 | 10 | 76 | .1 | 22 | 10 | 264 | 3.82 | 3 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 106 | .25 | .113 | 4 | 74 | .72 | 61 | .11 | 2 | 1.64 | .01 | .04 | 2 | 9 |
| L16000E 21400N | 9 | 20 | 19 | 94 | .1 | 8 | 7 | 269 | 5.07 | 10 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 83 | .08 | .215 | 39 | 26 | .33 | 59 | .01 | 2 | 1.46 | .01 | .04 | 1 | 12 |
| L16000E 21350N | 4 | 36 | 15 | 130 | .3 | 19 | 10 | 293 | 4.50 | 8 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 110 | .15 | .080 | 10 | 52 | .63 | 56 | .04 | 2 | 1.68 | .01 | .04 | 2 | 41 |
| L16000E 21300N | 3 | 34 | 14 | 122 | .1 | 17 | 12 | 333 | 4.69 | 13 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 149 | .22 | .124 | 6 | 48 | .66 | 84 | .11 | 2 | 1.53 | .01 | .05 | 1 | 34 |
| L16000E 21250N | 4 | 73 | 23 | 179 | .2 | 53 | 26 | 1736 | 6.09 | 16 | 5 | ND | 1 | 34 | 2 | 2 | 3 | 161 | .37 | .208 | 6 | 174 | 1.33 | 259 | .02 | 2 | 1.97 | .01 | .10 | 1 | 7 |
| L16000E 21200N | 6 | 113 | 11 | 112 | .3 | 139 | 46 | 2153 | 6.77 | 17 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 154 | .41 | .080 | 4 | 297 | 2.09 | 186 | .04 | 2 | 2.60 | .01 | .08 | 1 | 4 |
| L16000E 21150N | 1 | 34 | 3 | 74 | .2 | 33 | 14 | 338 | 3.94 | 7 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 104 | .41 | .098 | 5 | 91 | 1.03 | 91 | .09 | 2 | 1.62 | .01 | .08 | 1 | 2 |
| L16000E 21100N | 1 | 51 | 4 | 85 | .1 | 18 | 19 | 956 | 4.70 | 6 | 5 | ND | 1 | 45 | 1 | 2 | 3 | 129 | .47 | .072 | 4 | 39 | 1.38 | 117 | .10 | 2 | 2.23 | .01 | .28 | 1 | 7 |
| L16000E 21050N | 1 | 23 | 13 | 75 | .1 | 20 | 11 | 549 | 3.59 | 4 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 96 | .26 | .089 | 6 | 53 | .81 | 70 | .09 | 2 | 1.69 | .01 | .08 | 2 | 3 |
| L16000E 21000N | 1 | 35 | 6 | 75 | .2 | 22 | 11 | 299 | 4.48 | 6 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 109 | .37 | .155 | 6 | 49 | .83 | 83 | .08 | 4 | 1.80 | .01 | .05 | 1 | 4 |
| L16000E 20950N | 1 | 52 | 7 | 117 | .9 | 21 | 13 | 762 | 4.31 | 5 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 89 | .28 | .101 | 9 | 46 | .91 | 105 | .07 | 2 | 2.16 | .01 | .11 | 1 | 44 |
| L16000E 20900N | 2 | 63 | 7 | 76 | .9 | 26 | 12 | 854 | 3.66 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 88 | .25 | .062 | 7 | 44 | .69 | 157 | .06 | 3 | 1.68 | .01 | .06 | 1 | 4 |
| L16000E 20850N | 1 | 40 | 10 | 71 | .3 | 14 | 8 | 411 | 3.32 | 7 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 85 | .43 | .080 | 6 | 39 | .61 | 125 | .05 | 2 | 1.30 | .01 | .06 | 2 | 5 |
| L16000E 20800N | 2 | 76 | 8 | 78 | .2 | 33 | 14 | 645 | 3.98 | 8 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 101 | .45 | .057 | 7 | 56 | 1.16 | 74 | .07 | 4 | 2.00 | .01 | .07 | 1 | 7 |
| L16000E 20750N | 3 | 68 | 8 | 72 | .2 | 22 | 11 | 563 | 3.90 | 8 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 99 | .33 | .057 | 5 | 45 | .78 | 93 | .05 | 9 | 1.73 | .01 | .04 | 1 | 3 |
| L16000E 20700N | 24 | 115 | 11 | 96 | .4 | 38 | 17 | 771 | 4.36 | 10 | 5 | ND | 1 | 80 | 1 | 2 | 2 | 102 | 1.33 | .071 | 8 | 62 | 1.18 | 133 | .05 | 3 | 2.54 | .01 | .11 | 1 | 13 |
| L16000E 20650N | 14 | 145 | 11 | 82 | 1.4 | 37 | 18 | 978 | 4.55 | 13 | 5 | ND | 1 | 61 | 1 | 2 | 2 | 104 | .90 | .054 | 11 | 67 | .93 | 128 | .06 | 5 | 2.30 | .01 | .07 | 2 | 7 |
| L16000E 20550N | 12 | 65 | 6 | 51 | .8 | 25 | 19 | 624 | 4.96 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 127 | .20 | .066 | 4 | 48 | .66 | 106 | .05 | 8 | 1.15 | .01 | .05 | 1 | 6 |
| L16000E 20500N | 17 | 254 | 12 | 89 | 1.9 | 45 | 19 | 736 | 4.83 | 16 | 5 | ND | 1 | 57 | 2 | 2 | 2 | 96 | .71 | .083 | 17 | 74 | .92 | 117 | .03 | 2 | 2.69 | .01 | .05 | 1 | 6 |
| L16000E 20450N | 2 | 159 | 8 | 79 | 1.1 | 33 | 17 | 794 | 4.23 | 12 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 105 | .89 | .062 | 12 | 66 | 1.00 | 115 | .04 | 2 | 2.12 | .01 | .05 | 1 | 3 |
| L16000E 20400N | 2 | 92 | 14 | 63 | 1.1 | 23 | 10 | 361 | 3.68 | 7 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 93 | .40 | .051 | 9 | 53 | .57 | 99 | .05 | 3 | 1.67 | .01 | .04 | 1 | 4 |
| L16000E 20300N | 2 | 48 | 11 | 72 | .1 | 29 | 11 | 380 | 4.01 | 7 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 93 | .33 | .052 | 6 | 58 | .65 | 75 | .07 | 2 | 1.72 | .01 | .04 | 1 | 1 |
| STD C/AU-S | 18 | 64 | 39 | 132 | 7.1 | 75 | 31 | 1028 | 4.08 | 37 | 23 | 7 | 38 | 49 | 19 | 17 | 18 | 61 | .50 | .093 | 40 | 55 | .90 | 181 | .07 | 38 | 2.04 | .06 | .13 | 12 | 52 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L16000E 20200N | 2 | 53 | 15 | 160 | .4 | 36 | 21 | 641 | 6.06 | 19 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 136 | .34 | .056 | 6 | 102 | 1.13 | 71 | .06 | 2 | 2.31 | .01 | .04 | 2 | 10 |
| L16000E 20150N | 4 | 167 | 7 | 94 | 4.5 | 47 | 10 | 2589 | 2.27 | 7 | 5 | ND | 1 | 252 | 2 | 2 | 2 | 44 | 2.85 | .164 | 47 | 40 | .39 | 121 | .02 | 5 | 1.86 | .01 | .03 | 1 | 8 |
| L16000E 20100N | 2 | 31 | 19 | 81 | .9 | 14 | 7 | 314 | 2.27 | 8 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 59 | .32 | .028 | 20 | 37 | .62 | 84 | .02 | 3 | 1.58 | .01 | .05 | 2 | 5 |
| L16000E 20050N | 1 | 52 | 9 | 84 | .2 | 20 | 12 | 264 | 5.11 | 12 | 5 | ND | 1 | 66 | 1 | 2 | 3 | 103 | .81 | .042 | 8 | 56 | .81 | 63 | .07 | 3 | 2.31 | .01 | .03 | 2 | 5 |
| L16000E 20000N | 1 | 38 | 10 | 51 | .4 | 14 | 10 | 282 | 4.72 | 10 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 112 | .24 | .034 | 8 | 50 | .63 | 70 | .09 | 4 | 1.76 | .01 | .03 | 1 | 9 |
| STD C/AU-S | 19 | 61 | 40 | 132 | 6.7 | 70 | 31 | 1029 | 4.15 | 40 | 24 | 7 | 39 | 50 | 19 | 18 | 22 | 61 | .49 | .091 | 40 | 56 | .90 | 180 | .07 | 38 | 1.91 | .06 | .13 | 13 | 49 |

File Salmon River Property Alpha Beta

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION:BETA

CODE : 8906-076

Project No. :240 Sheet:1 of 3 Date rec'd:JUN20
Material :130 SOILS Geol.:G.M. Date compl:JUL05
Remarks :

Values in PPM, except where noted.

| T. No. | SAMPLE No. | Cu | Ag | As | PPB Au |
|---|---|---|---|---|---|
| 2 | 11700E-10500N | 12 | 0.4 | 1 | 5 |
| 3 | 10550 | 32 | 0.5 | 1 | 5 |
| 4 | 10600 | 36 | 0.5 | 1 | 5 |
| 5 | 10650 | 24 | 0.7 | 1 | 5 |
| 6 | 10700 | 18 | 0.5 | 1 | 5 |
| 7 | 10750 | 52 | 0.7 | 1 | 5 |
| 8 | 10800 | 36 | 0.3 | 1 | 5 |
| 9 | 10850 | 30 | 0.4 | 1 | 5 |
| 10 | 10900 | 18 | 0.6 | 1 | 5 |
| 11 | 10950 | 22 | 0.3 | 1 | 10 |
| 12 | 11700E-11000N | 36 | 0.3 | 1 | 20 |
| 13 | 11800E-10600N | 12 | 0.5 | 2 | 50 |
| 14 | 10650 | 26 | 0.5 | 6 | 10 |
| 15 | 10700 | 22 | 0.4 | 1 | 20 |
| 16 | 10750 | 32 | 0.3 | 1 | 5 |
| 17 | 11800E-10800N | 38 | 0.2 | 1 | 5 |
| 18 | 11900E-10450N | 22 | 0.5 | 2 | 5 |
| 19 | 10500 | 20 | 0.4 | 2 | 5 |
| 20 | 10550 | 32 | 0.3 | 2 | 5 |
| 21 | 10600 | 12 | 0.5 | 1 | 5 |
| 22 | 10650 | 20 | 0.4 | 1 | 5 |
| 23 | 10700 | 26 | 0.5 | 1 | 5 |
| 24 | 10750 | 18 | 0.3 | 8 | 5 |
| 25 | 10800 | 18 | 0.3 | 2 | 5 |
| 26 | 10850 | 12 | 0.4 | 1 | 5 |
| 27 | 10900 | 22 | 0.2 | 1 | 10 |
| 28 | 10950 | 40 | 0.3 | 2 | 10 |
| 29 | 11000 | 30 | 0.4 | 1 | 5 |
| 30 | 11050 | 42 | 0.2 | 2 | 5 |
| 31 | 11100 | 30 | 0.3 | 1 | 5 |
| 32 | 11150 | 42 | 0.4 | 1 | 5 |
| 33 | 11200 | 32 | 0.2 | 1 | 5 |
| 34 | 11250 | 20 | 0.4 | 1 | 5 |
| 35 | 11300 | 36 | 0.6 | 1 | 5 |
| 36 | 11350 | 24 | 0.6 | 6 | 5 |
| 37 | 11400 | 20 | 0.4 | 6 | 5 |
| 38 | 11450 | 32 | 0.7 | 1 | 5 |
| 39 | 11900E-11500N | 26 | 0.4 | 1 | 5 |
| 40 | 12100E-10450N | 14 | 0.4 | 1 | 5 |
| 41 | 10500 | 26 | 0.8 | 2 | 5 |
| 42 | 10550 | 18 | 0.7 | 10 | 5 |
| 43 | 10600 | 18 | 0.6 | 2 | 5 |
| 44 | 10650 | 28 | 0.7 | 1 | 35 |
| 45 | 10700 | 20 | 0.3 | 1 | 5 |
| 46 | 10750 | 14 | 0.4 | 1 | 5 |
| 47 | 10800 | 12 | 0.5 | 1 | 5 |
| 48 | 10850 | 46 | 0.5 | 2 | 80 |
| 49 | 12100E-10900N | 32 | 0.3 | 2 | 5 |



Copy to Gord

| T. | SAMPLE No. | Cu | Ag | As | PPB Au |
|---|---|---|---|---|---|
| [illegible] | 12100E-10950N | 34 | 0.3 | 1 | 10 |
| 31 | 11000 | 56 | 0.3 | 1 | 10 |
| 32 | 11050 | 36 | 0.2 | 1 | 5 |
| 33 | 11100 | 34 | 0.3 | 1 | 25 |
| 34 | 11150 | 30 | 0.3 | 1 | 5 |
| 35 | 11200 | 48 | 0.3 | 1 | 5 |
| 36 | 11250 | 28 | 0.5 | 1 | 5 |
| 37 | 11300 | 38 | 0.3 | 1 | 5 |
| 38 | 11350 | 26 | 0.4 | 8 | 10 |
| 39 | 11400 | 14 | 0.3 | 1 | 5 |
| 50 | 12100E-11500N | 32 | 0.5 | 1 | 5 |
| 51 | 12200E-10450N | 18 | 0.5 | 1 | 5 |
| 52 | 10500 | 14 | 0.7 | 2 | 5 |
| 53 | 10550 | 24 | 0.5 | 1 | 5 |
| 54 | 10600 | 16 | 0.6 | 1 | 5 |
| 55 | 10650 | 34 | 0.6 | 1 | 5 |
| 56 | 10700 | 16 | 0.4 | 1 | 5 |
| 57 | 10750 | 32 | 0.4 | 2 | 5 |
| 58 | 10800 | 32 | 0.5 | 1 | 5 |
| 59 | 10850 | 28 | 0.4 | 1 | 5 |
| 70 | 10900 | 32 | 0.4 | 1 | 5 |
| 71 | 10950 | 32 | 0.4 | 1 | 5 |
| 72 | 11000 | 28 | 0.4 | 1 | 5 |
| 73 | 11050 | 30 | 0.5 | 1 | 5 |
| 74 | 11100 | 44 | 0.4 | 1 | 5 |
| 75 | 11150 | 48 | 0.5 | 1 | 5 |
| [illegible] | 11200 | 20 | 0.6 | 1 | 5 |
| 77 | 11250 | 26 | 0.5 | 1 | 230 |
| 78 | 11300 | 22 | 0.5 | 1 | 5 |
| 79 | 11350 | 20 | 0.5 | 1 | 5 |
| 80 | 12200E-11450N | 30 | 0.5 | 1 | 5 |
| 81 | 12600E-10400N | 28 | 2.3 | 1 | 5 |
| 82 | 10450 | 28 | 0.7 | 2 | 5 |
| 83 | 10500 | 16 | 0.5 | 1 | 5 |
| 84 | 10550 | 14 | 0.5 | 1 | 5 |
| 85 | 10600 | 20 | 0.5 | 1 | 55 |
| 86 | 10650 | 14 | 0.7 | 1 | 5 |
| 87 | 10700 | 30 | 0.8 | 1 | 5 |
| 88 | 10750 | 32 | 0.5 | 1 | 5 |
| 89 | 10800 | 16 | 0.6 | 1 | 5 |
| 90 | 10850 | 14 | 0.6 | 1 | 5 |
| 91 | 10900 | 26 | 0.6 | 1 | 5 |
| 92 | 10950 | 24 | 0.7 | 6 | ~~55~~ 5 (Correction phoned in by Event - July 14/89). |
| 93 | 12600E-11000N | 22 | 0.6 | 1 | 5 |
| 94 | 12700E-10400N | 12 | 1.1 | 8 | 5 |
| 95 | 10450 | 12 | 0.5 | 1 | 5 |
| 96 | 10500 | 10 | 0.5 | 1 | 5 |
| 97 | 10550 | 22 | 0.5 | 1 | 5 |
| 98 | 10600 | 40 | 1.0 | 6 | 5 |
| 99 | 10650 | 36 | 0.5 | 1 | 5 |
| 00 | CHECK NL-6 | 54 | 1.2 | 90 | - |
| 0[illegible] | 10700 | 18 | 0.4 | 1 | 5 |
| 0[illegible] | 10750 | 28 | 0.4 | 1 | 5 |
| 03 | 10800 | 16 | 0.5 | 1 | 5 |
| 04 | 10850 | 26 | 0.5 | 1 | 5 |
| 05 | 10900 | 12 | 0.5 | 1 | 5 |
| 06 | 12700E-10950N | 28 | 0.7 | 1 | 5 |

| T. | SAMPLE No. | Cu | Ag | As | PPB Au |
|---|---|---|---|---|---|
| [illegible] | 12700E-11000N | 36 | 0.5 | 1 | 5 |
| 08 | 12900E-10400N | 26 | 0.5 | 1 | 5 |
| 09 | 10450 | 24 | 0.5 | 1 | 5 |
| 10 | 10500 | 24 | 0.6 | 1 | 5 |
| 11 | 10550 | 18 | 0.5 | 1 | 5 |
| 12 | 10600 | 22 | 0.6 | 1 | 5 |
| 13 | 10650 | 24 | 0.6 | 2 | 5 |
| 14 | 10700 | 24 | 0.5 | 1 | 40 |
| 15 | 10750 | 32 | 0.6 | 2 | 5 |
| 16 | 10800 | 14 | 0.4 | 1 | 30 |
| 17 | 10850 | 14 | 0.5 | 1 | 5 |
| 18 | 10900 | 16 | 0.5 | 1 | 5 |
| 19 | 10950 | 32 | 0.5 | 1 | 5 |
| 20 | 12900E-11000N | 44 | 0.5 | 1 | 5 |
| 21 | 13000E-10400N | 16 | 0.6 | 2 | 5 |
| 22 | 10500 | 12 | 0.6 | 1 | 5 |
| 23 | 10550 | 16 | 0.4 | 1 | 5 |
| 24 | 10600 | 20 | 0.6 | 1 | 10 |
| 25 | 10650 | 18 | 1.0 | 2 | 5 |
| 26 | 10700 | 24 | 0.5 | 1 | 5 |
| 27 | 10750 | 22 | 0.4 | 1 | 5 |
| 28 | 10800 | 16 | 0.5 | 1 | 5 |
| 29 | 10850 | 20 | 0.4 | 1 | 5 |
| 30 | 10900 | 16 | 0.5 | 1 | 5 |
| 31 | 10950 | 32 | 0.4 | 1 | 1000 |
| 32 | 13000E-11000N | 22 | 0.5 | 1 | 5 |

8 Mart Ave Aspma CK.

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

# GEOCHEMICAL ANALYSIS CERTIFICATE

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

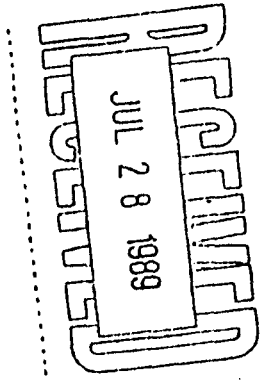
DATE RECEIVED: JUL 20 1989 DATE REPORT MAILED: July 25/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION CO. LTD. PROJECT 8907-072 240 File # 89-2324

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21980 | 2 | 13 | 9 | 120 | .1 | 28 | 7 | 609 | 3.77 | 5 | 5 | ND | 11 | 23 | 1 | 2 | 2 | 28 | .59 | .020 | 20 | 51 | .83 | 14 | .01 | 3 | 1.46 | .02 | .07 | 1 | 3 |
| 21981 | 1 | 110 | 5 | 93 | .2 | 13 | 24 | 863 | 5.48 | 5 | 5 | ND | 2 | 122 | 1 | 2 | 2 | 112 | 2.75 | .128 | 7 | 22 | 2.51 | 240 | .17 | 2 | 3.39 | .01 | 1.56 | 1 | 1 |
| 21982 | 2 | 6 | 11 | 51 | .2 | 10 | 9 | 312 | 4.17 | 2 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 33 | .44 | .233 | 39 | 30 | 1.21 | 58 | .01 | 6 | 1.34 | .02 | .16 | 2 | 2 |
| 21983 | 2 | 14 | 7 | 33 | .2 | 15 | 4 | 179 | 1.98 | 2 | 5 | ND | 5 | 3 | 1 | 2 | 2 | 13 | .04 | .018 | 12 | 28 | .44 | 9 | .01 | 4 | .77 | .01 | .10 | 2 | 1 |
| 21984 | 2 | 29 | 5 | 56 | .1 | 25 | 11 | 278 | 3.00 | 2 | 5 | ND | 6 | 4 | 1 | 2 | 3 | 27 | .02 | .022 | 14 | 36 | .54 | 39 | .02 | 2 | 1.38 | .01 | .23 | 3 | 1 |
| STD C/AU-R | 19 | 58 | 38 | 133 | 6.7 | 68 | 31 | 1003 | 4.08 | 39 | 19 | 7 | 37 | 49 | 19 | 14 | 19 | 59 | .51 | .088 | 39 | 55 | .90 | 176 | .07 | 34 | 2.02 | .06 | .13 | 12 | 510 |

Copy to Gord

file Alpha Property Submission



NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Alpha

N.T.S. 93 J/13

DATE July 4-7/89

PROJECT 283

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21980 | L 160+00E / 201+20N altered volcanic fine grained with trace of pyrite and some silicification | <1% | Grab | | | | | | | | | GR |
| 21981 | L 106+00E / 210+95N fine grained meta volcanic with trace of pyrite strong foliation and slight silicification | <1 | Grab Float | | | | | | | | | GR. |
| 21982 | L106+00E / 213+66N fine grained quartzite with 5% sulfides | 5 | grab | | | | | | | | | GR |
| 21983 | L106+00E / 215+00N silicified meta volcanic fine grained with 1-2% pyrite major silicification | | grab. | | | | | | | | | GR. |

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

PROPERTY Alpha

N.T.S. 93J/13

DATE July 4-7/89

PROJECT 283

## ROCK SAMPLE REPORT

| SAMPLE NO. | LOCATION & DESCRIPTION | % SULPHIDES | TYPE | WIDTH | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | G☐ A☐ | SAMPLED BY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21984 | ~150m E along fire ground from L156+00E/227+00N sericitic shist medium-fine grained with <5% Py. | <5 | grab float | — | | | | | | | | GR |

G = GEOCHEM A = ASSAY

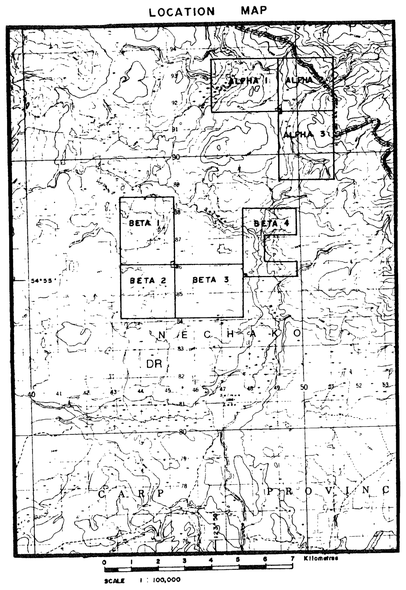
# APPENDIX V

## MAGNETOMETER INSTRUMENTATION - EDA

The magnetometer field system is comprised of three OMNI-PLUS units (formerly) manufactured by EDA Instruments of Toronto, Ontario. The instruments record the Total Magnetic Field with a measuring accuracy of 0.1 nanoTeslas and are generally configured as one recording base station (30 second sampling rate) and two portable field measuring units.

The two field units record the line and station coordinates along with the total Magnetic Field which is later corrected by the recording Base Station unit, for the diurnal and day to day drift of the magnetic field. All units are controlled by its own internal microprocessor and real time clock which allows for a realistic and useable field accuracy of 1 to 2 nanoTeslas.

LOCATION MAP




Windy Lake

PLACER

PLACER

S A L M O N R I V E R

PROPERTY BOUNDARY

ALPHA GROUP

14,800 E.
15,200 E.
15,600 E.
16,000E
23,000 N.
22,500 N.
22,000N.
21,500N.
24,000N.
20,500N.
B./L. 20,000N. Az. 90°
40,000 E.
40,200E.
40,400 E.
40,800 E.
41,000N.
40,500N.
B./L. 40,000N.
AP-01 (1050)
AS-01 (255)
JP-001 (2250)
JS-001 (25)

BETA GROUP

10,000 E.
10,400 E.
10,800E.
11,200E.
11,600E.
12,000 E.
12,400E.
12,800E.
11,500N.
11,000N.
10,500N.
B./L. 10,000N.
Fort St James

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,102

LEGEND

AP-01, JP-001 □ PAN CONCENTRATE SAMPLE LOCATION
AS-10, JS-010 △ SILT SAMPLE LOCATION
25 ⊙ SOIL SAMPLE LOCATION
AR-01, JR-001 ● ROCK SAMPLE LOCATION
(2250) GOLD VALUE IN PPB

0 500 1000 metres
SCALE 1 10,000

| REVISED |
|---|
| G.M. APRIL, 1990 |
| |
| |
| |
| |
| |
| PROJ. No. 240 |
| N.T.S. 93J/13 |
| DWG. No. FIG. 3 |

ALPHA AND BETA PROPERTY

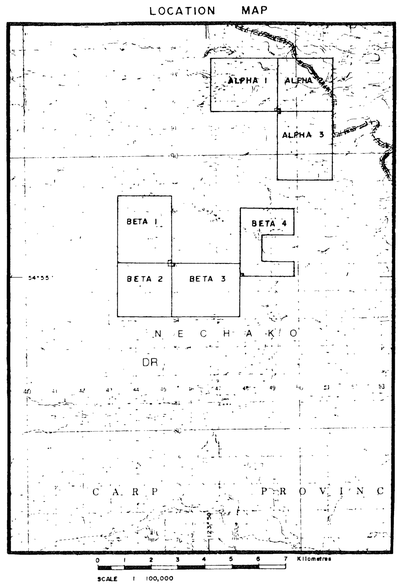
SOIL GEOCHEM SURVEY
Au(ppb)

SURVEY BY: ..... DATE: .....
DRAWN BY: S.K.B., J.J.P. SCALE: 1:10,000

NORANDA EXPLORATION

OFFICE: PRINCE GEORGE, B.C.

LOCATION MAP




Windy Lake

PLACER

PLACER

S A L M O N

R I V E R

PROPERTY BOUNDARY

ALPHA GROUP

BETA GROUP

14,800 E
15,200 E
15,600 E
16,000 E
23,000N.
22,500N.
22,000N.
21,500N.
24,000N.
20,500N.
B./L. 20,000N. Az. 90°
41,000N.
40,500N.
B./L. 40,000N.
40,000E
40,200 E
40,400E
40,600E
10,000E.
10,400E.
10,800E.
11,200E.
11,600E.
12,000E.
12,400E.
12,800E.
11,500N.
11,000N.
10,500N.
B./L. 10,000N.
Fort St. James

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,102

LEGEND

AP-01, JP-001 □ PAN CONCENTRATE SAMPLE LOCATION

AS-10, JS-010 △ SILT SAMPLE LOCATION

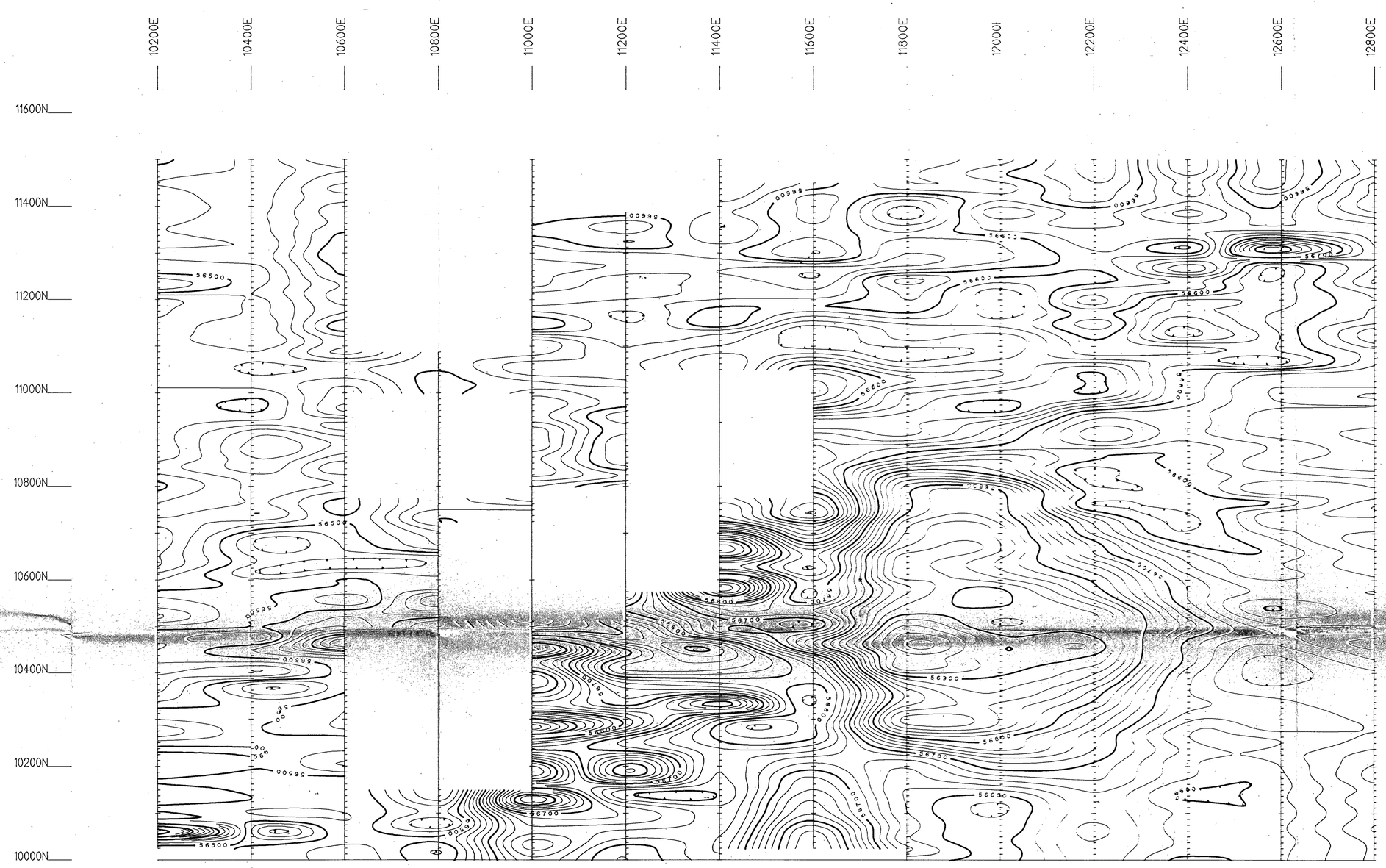
25 ⊙ SOIL SAMPLE LOCATION

AR-01, JR-001 ● ROCK SAMPLE LOCATION

(2250) GOLD VALUE IN PPB

0 500 1000 metres
SCALE 1 : 10,000

| | |
|---|---|
| REVISED G.M. APRIL, 1990 | ALPHA AND BETA PROPERTY |
| | SOIL GEOCHEM SURVEY Cu (ppm) |
| PROJ. No. 240 | SURVEY BY: DATE: |
| N.T.S. 93J/13 | DRAWN BY: S.K.B. / J.J.P. SCALE: 1:10,000 |
| DWG. No. FIG. 4 | NORANDA EXPLORATION |
| | OFFICE: PRINCE GEORGE, B.C. |




N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,102

BASELINE 90°

Instrument :
Field : TOTAL
Datum : 0.0 nT

Contour Interval : 20.0 nT

Conductor Axis :

100m 50m 0m 100m 200m

***BETA***

# MAGNETOMETER SURVEY

PROJECT: BETA PROJECT # : 283
BASELINE AZIMUTH : 90 Deg.

SCALE = 1 : 5000 DATE : 7/23/89
SURVEY BY : WK NTS :
FILE: MBETA89
FIG. 5 NORANDA EXPLORATION