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GEOCHEMICAL REPORT

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ON THE

TSIL PROPERTY

N.T.S. 93 K/16 & 93 J/13

CARIBOO MINING DIVISION

SITUATED AT COORDINATES:

54 DEG 50 MIN N
124 DEG 00 MIN W

NORANDA EXPLORATION COMPANY, LIMITED
(NO PERSONAL LIABILITY)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,850

BY: TERRY CAMPBELL

JUNE, 1989

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IN POCKET AT REAR OF REPORT

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SUMMARY:

The TSIL property was staked to cover potential gold targets in the Tsilcooh Creek area, in light of the recent gold discovery on the TAS and WINDY properties. During the winter of 1988, a total of 650 "B" horizon soil samples were collected over a recon grid at 50 meter intervals and 500 meter line spacing. Several areas of anomalous gold and copper soils were outlined.

Three mini grids were established to cover these areas: Burn Grid, Bush Grid, and Boot Grid. A total of 701 additional "B" horizon soil samples were collected over these grids, but failed to outline continuously anomalous areas. The soil sampling produced scattered and erratic gold geochem results; this may reflect the nature of the overburden cover in the area.

In addition, 10 pan concentrate and 9 silt samples were collected throughout the claims. The results indicate a potential source area for gold mineralization on the property.

Further soil sampling, magnetic surveys and recon I.P. lines are planned for later this year.

INTRODUCTION:

The TSIL property was staked to cover potential gold targets in the Tsilcooh Creek area. Nine modified grid claims totalling 180 units were staked by Noranda Exploration personnel between the 2nd and 7th of March, 1987.

During the 1988 summer field season, a total of 701 "B" horizon soil samples were collected over a recon soil grid (50 m intervals, 500 m line spacing) and mini grids (25 m intervals, 100 m line spacing). Also collected were 10 pan concentrate samples and 9 silt samples. All work was performed under the supervision of Terry Campbell.

This report describes the results of the soil geochemical survey and discusses the results of the pan concentrate and silt samples.

LOCATION AND ACCESS:

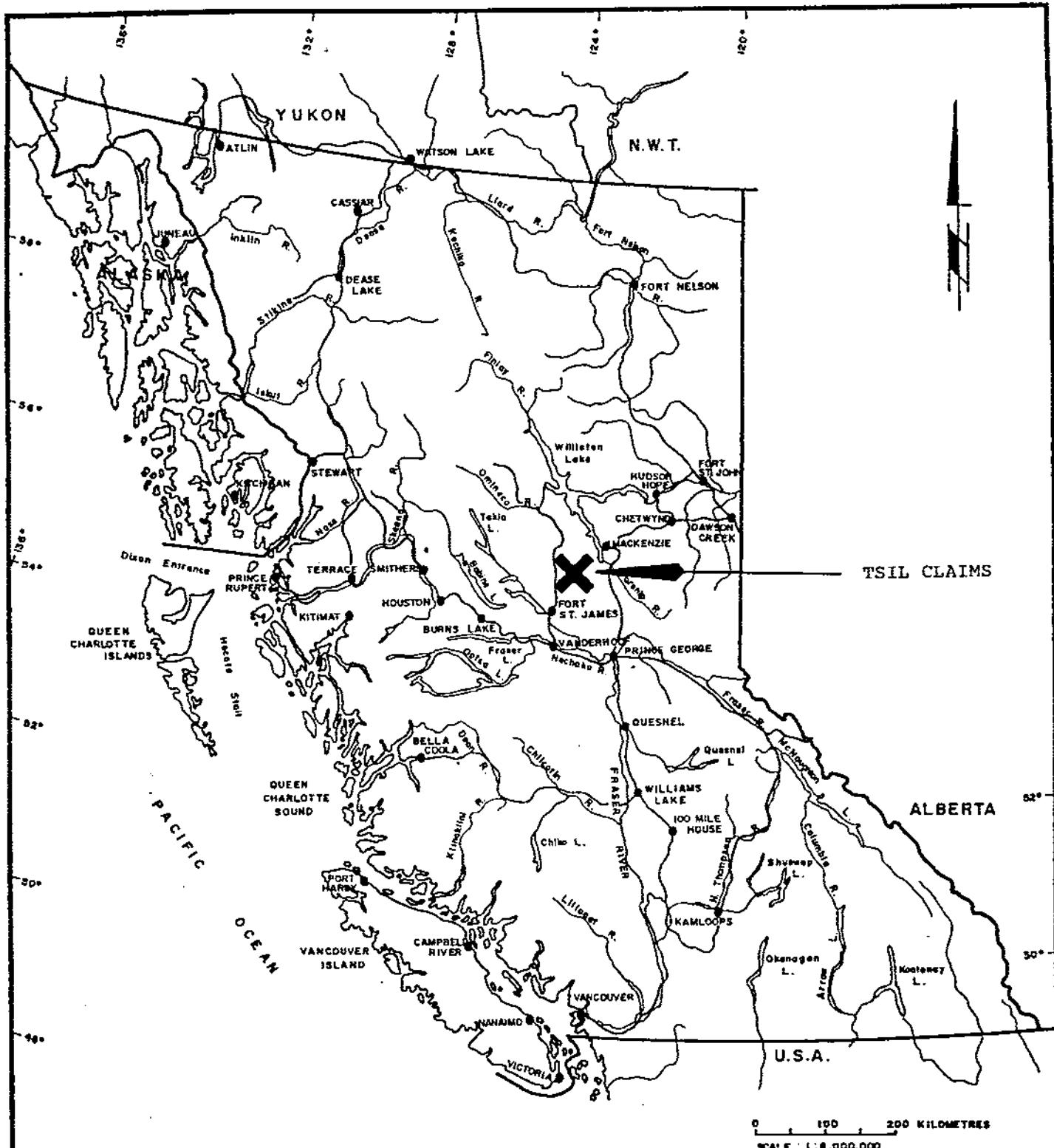
The TSIL property is situated approximately 50 km north northeast of the town of Fort St. James. The TSIL claims are located at the headwaters of Tsilcooh Creek, five km west of Salmon Lake. The claims are accessible via the McLeod Lake cutoff road and the 400 road off the Germansen Road. Logging between the two roads provide excellent access to most areas of the property.

The claims are found on NTS map 93 K/16 and 93 J/13 at 54 degrees 50 minutes N and 124 degrees 00 minutes W.

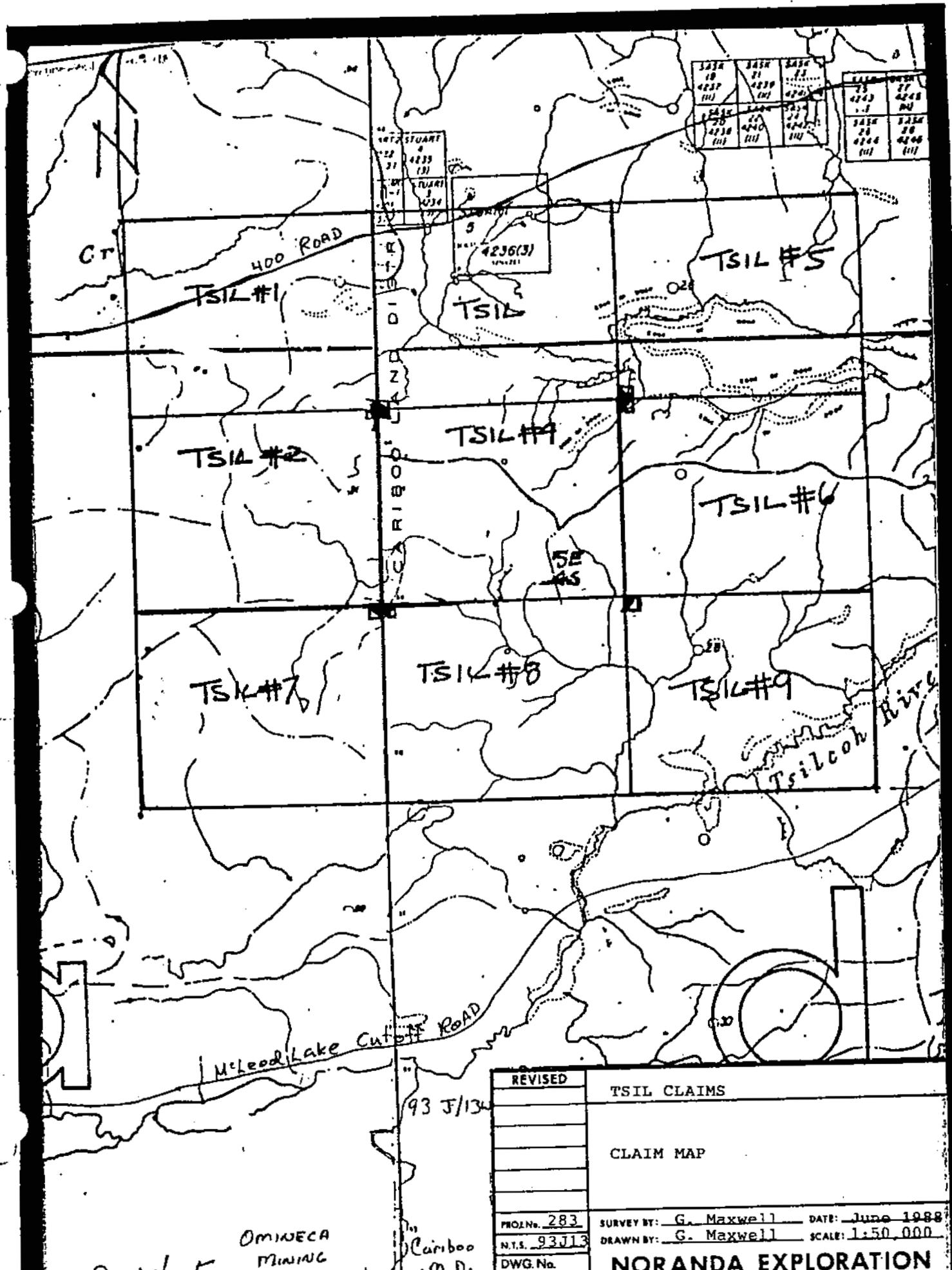
CLAIM STATISTICS:

All the TSIL claims were staked according to the modified grid regulations, in the Cariboo Mining Division, on maps 93 K/16 East and 93 J/13 West.

| <u>CLAIM NAME</u> | <u># UNITS</u> | <u>RECORD #</u> | <u>RECORD DATE</u> | <u>GROUP</u> |
|-------------------|----------------|-----------------|--------------------|--------------|
| TSIL 1 | 20 | 8317 | March 24 | TSIL A |
| TSIL 2 | 20 | 8318 | March 24 | TSIL B |
| TSIL 3 | 20 | 8319 | March 24 | TSIL A |
| TSIL 4 | 20 | 8320 | March 24 | TSIL A |
| TSIL 5 | 20 | 8321 | March 24 | TSIL A |
| TSIL 6 | 20 | 8322 | March 24 | TSIL A |
| TSIL 7 | 20 | 8323 | March 24 | TSIL B |
| TSIL 8 | 20 | 8324 | March 24 | TSIL B |
| TSIL 9 | 20 | 8325 | March 24 | TSIL B |



| | | |
|---------------|---------------------------------------|--|
| REVISED | TSIL CLAIMS | |
| | LOCATION MAP | |
| PROJ. No. 283 | SURVEY BY: G. Maxwell DATE: June 1988 | |
| N.T.S. 93K16 | DRAWN BY: S.M.B. SCALE: 1:200,000 | |
| DWG. No. 1 | NORANDA EXPLORATION | |
| | OFFICE: PRINCE GEORGE, B.C. | |



TOPOGRAPHY AND VEGETATION:

The area is characterized by rolling glacial topography, low swampy areas and outcrop knolls and ridges. The rolling topography consists of poorly sorted tills, stratified clay, eskers and gravel and sand plains. The swampy areas are usually low ground around the Tsilcoh Creek and other small streams. To the west of the property, a prominent north east trending ridge of outcrop bisects the areas between the two main logging roads. The outcrop knolls appear to be areas of more resistant rock producing a somewhat hummocky terrain.

Vegetation consists of mature stands of spruce, pine and fir which has recently been logged off over most of the property. Undergrowth is mainly alder with some devils' club.

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 TSIL 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.

GEOCHEMISTRY:

SOILS -

Method:

A total of 701 "B" horizon soil samples were collected during the summer field season. The samples were collected with soil augers from depths between 15 and 35 cm. The samples were placed in Kraft wet-strength paper bags, dried, then shipped to Noranda's Lab at 1050 Davie Street, Vancouver, B.C., for analysis. Samples were analyzed for copper and gold; results are plotted on 1:5,000 scale maps in rear pockets.

Observations:

Copper - Copper values range from 8 to 800 ppm, with values greater than 100 ppm considered anomalous. Anomalous samples are listed as follows:

| | LOCATION | CU (PPM) |
|--------------|---------------|----------|
| Boot Grid: | L11900E/5200N | 220 |
| | L12000E/5050N | 120 |
| | L12100E/5250N | 110 |
| | /5300N | 220 |
| | /5325N | 130 |
| | L12200E/5000N | 160 |
| | /5150N | 120 |
| | /50425N | 120 |
| | /50450N | 140 |
| | L12800E/4975N | 130 |
| | L12900E/4875N | 160 |
| | /4850N | 170 |
| | L13000E/4875N | 180 |
| Bush Grid: | L10900E/6525N | 200 |
| Recon Lines: | L10500E/3300N | 140 |
| | /3450N | 220 |
| | /4950N | 120 |
| | L11000E/3400N | 250 |

Gold - Gold values range from 10 to 800 ppb, with values greater than 10 ppb considered anomalous. Anomalous samples are listed as follows:

| | LOCATION | AU (PPB) |
|------------|----------------|----------|
| Boot Grid: | L11800E/5050N | 30 |
| | L11900E/50475N | 380 |
| | L12100E/4925N | 100 |
| | L13200E/4900N | 20 |
| | /4825N | 260 |
| | /4800N | 280 |
| | L13300E/5200N | 260 |
| | L13400E/5025N | 140 |
| | L14500E/5175N | 800 |
| | L14600E/5050N | 70 |
| Burn Grid: | L8400E/7475N | 190 |
| | L8700E/7400N | 20 |
| | L8700E/7450N | 410 |
| | L8900E/7200N | 400 |
| | /7475N | 30 |
| | /7500N | 20 |
| Bush Grid: | L10300E/7775N | 50 |
| | /7925N | 110 |
| | L10400E/7850N | 80 |
| | /7950N | 20 |
| | L10600E/7825N | 20 |
| | L10800E/7300N | 30 |
| | /7375N | 20 |
| | L10900E/6175N | 630 |
| | L10900E/7450N | 30 |
| | L11000E/7425N | 80 |
| | L11100E/7325N | 20 |
| | /7350N | 40 |
| | /7375N | 20 |
| | /7425N | 20 |
| | /7500N | 30 |
| | /7525N | 20 |
| | /7550N | 20 |
| | L11200E/7250N | 20 |
| | /7275N | 20 |
| | /7300N | 20 |
| | /7325N | 20 |
| | /7400N | 20 |
| | L11200E/7425N | 20 |
| | /7450N | 30 |
| | /7500N | 20 |
| | /7550N | 20 |

GEOCHEMICAL REPORT
TSIL PROPERTY

PAGE 6

| | | |
|--------------|---------------|-----|
| Recon Lines: | L10000E/3650N | 900 |
| | L10500E/4700N | 840 |
| | L11500E/3950N | 30 |
| | /4050N | 50 |
| | /4800N | 40 |

SILTS -

METHOD:

Nine silt samples were collected from active creeks throughout the property. The samples were collected by hand from active stream channels, dried and shipped to Noranda's Lab at 1050 Davie St., Vancouver, B. C. for analysis. The samples were analyzed for copper, zinc, lead, silver, arsenic and gold. Sample locations are plotted on 1:5,000 scale maps in rear pockets.

OBSERVATIONS:

None of the silt samples have anomalous values.

PAN CONCENTRATES -

METHOD:

Ten pan concentrate samples were collected from active stream channels throughout the claims. Approximately 10 litres of sediment is collected and sieved and panned down to a sample of between 25 and 50 grams. The samples were placed in glad sandwich bags and shipped to Noranda's Lab at 1050 Davie St., Vancouver, B.C., for analysis. The samples were analyzed for copper, zinc, lead, silver, arsenic and gold. Sample locations are plotted on 1:5,000 scale maps in rear pockets.

OBSERVATIONS:

Four of the ten samples have anomalous gold values, greater than 100 ppb.

| SAMPLE | AU (PPB) |
|--------|----------|
| 38352 | 6100 |
| 38354 | 670 |
| 38355 | 15600 |
| 38361 | 540 |

CONCLUSIONS:

The four recon soil lines detected four copper anomalies with values between 120 and 250 ppm and five gold anomalies with values between 30 and 900 ppb. The anomalies are isolated and scattered throughout the lines.

The mini grid around the anomalous copper values on L12000E failed to reproduce the previous high values. Anomalous values on the grid range from 110 to 220 ppm.

On the Boot Grid, gold values between 20 and 800 ppb are isolated and scattered on the soil lines. There is no apparent trend or concentration of the anomalous values.

The Burn Grid has six anomalous gold values between 20 and 410 ppb. The anomalies are scattered throughout the grid with no trend or concentration.

The Bush Grid has numerous anomalous gold values between 20 and 630 ppb. The highest value is located in the southern part of the grid. A concentration of thirteen 20 ppb and two 30 ppb anomalies are located on lines 11100E and 11200E.

There were no anomalous values in the nine silt samples.

Four of the ten pan concentrate samples have anomalous values for gold. The highest value is 15,600 ppb Au.

RECOMMENDATIONS:

1. Place mini-grids around the anomalous values detected by the recon soil lines.
2. Enlarge the existing flagged lines and add lines to square off the soil grids. Conduct a magnetometer survey over the grids.
3. Conduct an Induced Polarization survey on Line 11,000E 6100-7600N, Line 13,500E 4500-5700N, Line 14,000E 4500-5700N and Line 14,500E 4500-5700N.
4. Map and sample any outcrops located on the property.

APPENDIX I

STATEMENT OF COSTS

GEOCHEMICAL REPORT
TSIL A GROUP

1. WAGES:

| | |
|---------------------------------------|-------------|
| Soil Geochemistry - 10 md @ \$100/day | \$ 1,000.00 |
| Line Cutting - 15 md @ \$100/day | \$ 1,500.00 |

2. FOOD & ACCOMMODATIONS:

| | |
|-----------------------|-------------|
| 25 mandays @ \$50/day | \$ 1,250.00 |
|-----------------------|-------------|

3. ANALYSIS:

| | |
|-------------------------|-------------|
| 433 samples @ \$8.75 ea | \$ 3,788.75 |
| 6 samples @ \$15.00 ea | \$ 90.00 |

4. COST OF REPORT PREPARATION:

| | |
|----------|-------------|
| Author | \$200.00 |
| Drafting | \$200.00 |
| Typing | \$ 50.00 |
| | \$ 450.00 |
| | ===== |
| | \$ 8,078.75 |

APPENDIX I

STATEMENT OF COSTS

GEOCHEMICAL REPORT
TSIL B GROUP

1. WAGES:

| | |
|---------------------------------------|-------------|
| Soil Geochemistry - 11 md @ \$100/day | \$ 1,100.00 |
| Line Cutting - 10 md @ \$100/day | \$ 1,000.00 |

2. FOOD & ACCOMMODATIONS:

| | |
|-----------------------|-------------|
| 21 mandays @ \$50/day | \$ 1,050.00 |
|-----------------------|-------------|

3. ANALYSIS:

| | |
|-------------------------|-------------|
| 278 samples @ \$8.75 ea | \$ 2,432.50 |
| 13 samples @ \$15.00 ea | \$ 195.00 |

4. COST OF REPORT PREPARATION:

| | |
|----------|-------------|
| Author | \$200.00 |
| Drafting | \$200.00 |
| Typing | \$ 50.00 |
| | \$ 450.00 |
| | ===== |
| | \$ 6,227.50 |

APPENDIX I
COST BREAKDOWN

1. GEOCHEMISTRY:

| | |
|---|-------------|
| Wages - 21 md @ \$100/day | \$ 2,100.00 |
| Food & Accommodation - 21 md @ \$50/day | \$ 1,050.00 |
| Analysis - 701 samples @ \$8.75 ea and 19 samples @ \$15.00 ea | \$ 6,505.25 |
| Cost of Report Preparation | \$ 900.00 |
| | ===== |
| | \$10,555.25 |

2. LINECUTTING:

| | |
|---|-------------|
| Wages - 25 md @ \$100/day | \$ 2,500.00 |
| Food & Accommodation - 25 md @ \$50/day | \$ 1,250.00 |
| | ===== |
| | \$ 3,750.00 |

APPENDIX II

STATEMENT OF QUALIFICATIONS

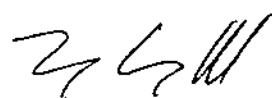
I, Terrence Campbell, of Prince George, Province of British Columbia, do hereby certify that:

1. I am a geologist residing at 7740 Gladstone Drive, 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 personal liability) and have been in their employ since 1986.



Terrence Campbell

APPENDIX III

ANALYTICAL PROCEDURES

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.

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 weighted 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 attached 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 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 (10 ppb) |
| 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

LIST OF ANALYTICAL VALUES

JUL 14 198

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: STUART GOLD

CODE : 8806-067

Project No. : 283 Sheet: 1 of 11 Date rec'd: JUN 23
 Material : 572 SOILS Geol.: G.M. Date compl: JUL 11
 Remarks :

Values in PPM, except where noted. TSIL

| T. | SAMPLE No. | Cu | PPB Au |
|----|---------------|----|-----------|
| 2 | ✓8300E-7400N | 26 | 10 |
| 3 | 7425 | 20 | 10 |
| 4 | 7475 | 30 | 10 |
| 5 | 7500 | 22 | 10 |
| 6 | 7525 | 22 | 10 |
| 7 | 7550 | 26 | 20 |
| 8 | 7575 | 26 | 10 |
| 9 | 7600 | 22 | 10 |
| 10 | 7625 | 16 | 10 |
| 11 | ✓8300E-7650N | 16 | 10 |
| 12 | ✓8400E-7400N | 20 | 10 |
| 13 | 7425 | 34 | 10 |
| 14 | 7450 | 44 | 190 |
| 15 | 7475 | 30 | 10 |
| 16 | 7575 | 28 | 10 |
| 17 | 7600 | 18 | 10 |
| 18 | 7625 | 32 | 10 |
| 19 | 7650 | 36 | 10 |
| 20 | 7675 | 26 | 10 |
| 21 | ✓8400E-7700N | 28 | 10 |
| 22 | ✓8500E-7425N | 18 | 10 |
| 23 | 7475 | 28 | 10 |
| 24 | 7525 | 24 | 10 |
| 25 | 7575 | 38 | 10 |
| 26 | ✓8500E-7675N | 28 | 10 |
| 27 | ✓8600E-7400N | 22 | 10 |
| 28 | 7425 | 46 | 10 |
| 29 | 7450 | 16 | 10 |
| 30 | 7475 | 18 | 10 |
| 31 | 7500 | 26 | 10 |
| 32 | 7525 | 22 | 10 |
| 33 | 7550 | 14 | 10 |
| 34 | 7575 | 26 | 10 |
| 35 | 7600 | 16 | 10 |
| 36 | 7625 | 26 | 10 |
| 37 | 7650 | 30 | 10 |
| 38 | ✓8600E-7700N | 24 | 40 |
| 39 | ✓8700E-7400N | 46 | 20 |
| 40 | 7425 | 18 | 10 |
| 41 | 7450 | 30 | 410 |
| 42 | 7475 | 28 | 20 |
| 43 | 7500 | 30 | 10 |
| 44 | 7525 | 22 | 10 |
| 45 | 7550 | 28 | 10 |
| 46 | 7575 | 14 | 10 |
| 47 | 7600 | 50 | 10 |
| 48 | 7625 | 40 | 10 |
| 49 | 8700E-7650N | 40 | 10 |

Copy to Ward

| T. | SAMPLE No. | Cu | PPB Au |
|----|----------------|-----|-----------|
| 50 | 8700E-7675N | 48 | 10 |
| 51 | ✓8700E-7700N | 42 | 10 |
| 52 | ✓10800E-7250N | 94 | 10 |
| 53 | 7275 | 140 | 10 |
| 54 | 7300 | 42 | 30 |
| 55 | 7325 | 32 | 10 |
| 56 | 7350 | 38 | 10 |
| 57 | 7350 Dupl. | 32 | 10 |
| 58 | 7375 | 22 | 20 |
| 59 | 7400 | 28 | 10 |
| 60 | 7425 | 22 | 10 |
| 61 | 7450 | 30 | 10 |
| 62 | 7475 | 28 | 10 |
| 63 | 7500 | 30 | 10 |
| 64 | 7525 | 28 | 10 |
| 65 | 9950 | 20 | 10 |
| 66 | 9975 | 18 | 10 |
| 67 | 10000 | 20 | 20 |
| 68 | 10025 | 28 | 10 |
| 69 | 10050 | 38 | 10 |
| 70 | 10075 | 20 | 10 |
| 71 | 10100 | 20 | 10 |
| 72 | 10125 | 16 | 10 |
| 73 | 10150 | 16 | 10 |
| 74 | 10175 | 20 | 10 |
| 75 | 10200 | 16 | 10 |
| 76 | 10225 | 24 | 430 |
| 77 | 10250 | 18 | 10 |
| 78 | 10275 | 22 | 10 |
| 79 | 10300 | 26 | 10 |
| 80 | 10325 | 20 | 10 |
| 81 | ✓10800E-10350N | 32 | 10 |
| 82 | ✓10900E-6100N | 32 | 10 |
| 83 | 6125 | 26 | 10 |
| 84 | 6150 | 24 | 10 |
| 85 | 6175 | 30 | 630 |
| 86 | 6200 | 26 | 10 |
| 87 | 6225 | 26 | 10 |
| 88 | 6250 | 20 | 10 |
| 89 | 6275 | 30 | 10 |
| 90 | 6300 | 24 | 10 |
| 91 | 6325 | 88 | 10 |
| 92 | 6350 | 64 | 10 |
| 93 | 6375 | 48 | 10 |
| 94 | 6400 | 48 | 10 |
| 95 | 6425 | 74 | 10 |
| 96 | 6450 | 46 | 10 |
| 97 | 6475 | 94 | 10 |
| 98 | 6525 | 200 | 10 |
| 99 | ✓10900E-7250N | 44 | 10 |
| 00 | CHECK NL-6 | 48 | - |
| 01 | 10900E-7275N | 26 | 10 |
| 02 | 7300 | 32 | 10 |
| 03 | 7325 | 38 | 10 |
| 04 | 7350 | 36 | 10 |
| 05 | 7400 | 38 | 10 |
| 06 | 10900E-7425N | 56 | 10 |

| T. | SAMPLE No. | Cu | PPB Au | 8806-067 Pg. 3 of 11 |
|----|---------------|-----|-----------|-------------------------|
| 27 | ✓10900E-7450N | 84 | 30 | |
| 28 | 7475 | 26 | 10 | |
| 29 | 7525 | 24 | 10 | |
| 30 | 7550 | 28 | 10 | |
| 31 | 9950 | 18 | 10 | |
| 32 | 9975 | 22 | 10 | |
| 33 | 10000 | 20 | 10 | |
| 34 | 10025 | 18 | 10 | |
| 35 | 10050 | 20 | 10 | |
| 36 | 10075 | 28 | 10 | ? |
| 37 | 10100 | 22 | 10 | 1 |
| 38 | 10125 | 16 | 10 | |
| 39 | 10150 | 16 | 10 | |
| 40 | 10175 | 34 | 10 | |
| 41 | 10200 | 18 | 10 | |
| 42 | 10225 | 20 | 10 | |
| 43 | 10250 | 22 | 10 | |
| 44 | 10275 | 18 | 10 | |
| 45 | 10300 | 18 | 10 | |
| 46 | 10325 | 18 | 10 | |
| 47 | 10900E-10350N | 28 | 10 | |
| 28 | ✓11000E-6125N | 30 | 10 | |
| 29 | 6175 | 36 | 10 | |
| 30 | 6225 | 50 | 10 | |
| 31 | 6275 | 42 | 10 | |
| 32 | 6325 | 34 | 10 | |
| 33 | 6375 | 88 | 10 | |
| 34 | 6425 | 56 | 10 | |
| 35 | 6475 | 120 | 10 | |
| 36 | 7275 | 50 | 10 | |
| 37 | 7300 | 38 | 10 | |
| 38 | 7325 | 30 | 10 | |
| 39 | 7375 | 34 | 10 | |
| 40 | 7425 | 46 | 80 | |
| 41 | 7475 | 18 | 10 | |
| 42 | 7525 | 26 | 10 | |
| 43 | 9975 | 26 | 10 | |
| 44 | 10075 | 18 | 10 | |
| 45 | 10125 | 22 | 10 | ? |
| 46 | 10175 | 24 | 10 | c |
| 47 | 10225 | 20 | 10 | 1 |
| 48 | 10275 | 44 | 10 | |
| 49 | 11000E-10325N | 28 | 10 | |
| 2 | ✓11100E-6100N | 32 | 80 | |
| 3 | 6125 | 24 | 10 | |
| 4 | 6150 | 18 | 10 | |
| 5 | 6175 | 28 | 10 | |
| 6 | 6200 | 52 | 10 | |
| 7 | 6225 | 34 | 10 | |
| 8 | 6250 | 74 | 10 | |
| 9 | 6275 | 28 | 10 | |
| 10 | 6325 | 32 | 10 | |
| 11 | 6375 | 42 | 10 | |
| 12 | 6400 | 68 | 10 | |
| 13 | 6425 | 48 | 10 | |
| 14 | 6450 | 26 | 10 | |
| 15 | 11100E-6475N | 38 | 10 | |

| T. | SAMPLE No. | Cu | PPB Au | 8806-067 Pg. 4 of 11 |
|----|---------------|-----|-----------|-------------------------|
| 16 | ✓11100E-6500N | 40 | 10 | |
| 17 | 7250 | 40 | 10 | |
| 18 | 7275 | 44 | 10 | |
| 19 | 7300 | 60 | 10 | |
| 20 | 7325 | 46 | 20 | |
| 21 | 7350 | 58 | 40 | |
| 22 | 7375 | 64 | 20 | |
| 23 | 7400 | 48 | 10 | |
| 24 | 7425 | 46 | 20 | |
| 25 | 7450 | 36 | 10 | |
| 26 | 7475 | 34 | 10 | |
| 27 | 7500 | 58 | 30 | |
| 28 | 7525 | 40 | 20 | |
| 29 | ✓11100E-7550N | 18 | 20 | |
| 30 | ✓11200E-7250N | 60 | 20 | |
| 31 | 7275 | 46 | 20 | |
| 32 | 7300 | 68 | 20 | |
| 33 | 7325 | 62 | 20 | |
| 34 | 7350 | 66 | 10 | |
| 35 | 7375 | 44 | 10 | |
| 36 | 7400 | 34 | 20 | |
| 37 | 7425 | 42 | 20 | |
| 38 | 7450 | 54 | 30 | |
| 39 | 7475 | 48 | 10 | |
| 40 | 7500 | 52 | 20 | |
| 41 | 7525 | 38 | 10 | |
| 42 | 11200E-7550N | 38 | 20 | |
| 43 | ✓11400E-7400N | 24 | 10 | |
| 44 | 7450 | 20 | 10 | |
| 45 | 7500 | 24 | 10 | |
| 46 | 7550 | 22 | 20 | |
| 47 | 7600 | 24 | 10 | |
| 48 | 7650 | 26 | 10 | |
| 49 | 7700 | 24 | 10 | |
| 50 | 7750 | 26 | 10 | |
| 51 | 7800 | 62 | 10 | |
| 52 | 7850 | 30 | 10 | |
| 53 | 7900 | 30 | 10 | |
| 54 | 7950 | 22 | 20 | |
| 55 | 8000 | 24 | 10 | |
| 56 | 8050 | 24 | 10 | |
| 57 | 8100 | 18 | 10 | |
| 58 | 8150 | 34 | 10 | |
| 59 | 8250 | 18 | 10 | |
| 60 | 8300 | 20 | 10 | |
| 61 | 8350 | 18 | 10 | |
| 62 | 8400 | 20 | 10 | |
| 63 | 8450 | 48 | 10 | |
| 64 | 8500 | 44 | 10 | |
| 65 | 8700 | 50 | 10 | |
| 66 | 8750 | 32 | 10 | |
| 67 | 8800 | 58 | 10 | |
| 68 | 8850 | 34 | 10 | |
| 69 | 8900 | 44 | 10 | |
| 70 | 8950 | 20 | 10 | |
| 71 | 9000 | 74 | 10 | |
| 72 | 11400E-9050N | 110 | 10 | |

CV

?

| T. | SAMPLE No. | Cu | PPB Au |
|----|---------------|----|-----------|
| 73 | 11400E-9100N | 44 | 20 CL |
| 74 | 9150 | 36 | 10 21 |
| 75 | 11400E-9200N | 52 | 10 |
| 76 | 11700E-4750N | 24 | 10 |
| 77 | 4775 | 36 | 10 |
| 78 | 4800 | 20 | 10 |
| 79 | 4825 | 22 | 10 |
| 80 | 4850 | 32 | 10 |
| 81 | 4875 | 36 | 10 |
| 82 | 4900 | 18 | 10 |
| 83 | 4925 | 18 | 10 |
| 84 | 4950 | 30 | 10 |
| 85 | 4975 | 30 | 10 |
| 86 | 5000 | 22 | 10 |
| 87 | 5025 | 34 | 10 |
| 88 | 5050 | 28 | 10 |
| 89 | 5075 | 26 | 10 |
| 90 | 5100 | 22 | 10 |
| 91 | 5125 | 18 | 10 |
| 92 | 5150 | 28 | 10 |
| 93 | 5175 | 30 | 10 |
| 94 | 5200 | 22 | 10 |
| 95 | 5225 | 32 | 10 |
| 96 | 5250 | 22 | 10 |
| 97 | 5275 | 24 | 10 |
| 98 | 5300 | 36 | 10 |
| 99 | 11700E-5325N | 26 | 10 |
| 00 | CHECK NL-6 | 48 | - ? |
| 01 | 11700E-5350N | 46 | 10 |
| 02 | 5375 | 32 | 10 |
| 03 | 5400 | 26 | 10 |
| 04 | 5425 | 44 | 10 |
| 05 | 5450 | 30 | 10 |
| 06 | 5475 | 26 | 10 |
| 07 | 5500 | 28 | 10 |
| 08 | 5525 | 26 | 10 |
| 09 | 11700E-5550N | 24 | 10 |
| 10 | 11800E-4750N | 24 | 10 |
| 11 | 4775 | 30 | 10 |
| 12 | 4800 | 20 | 10 |
| 13 | 4825 | 26 | 10 |
| 14 | 4850 | 26 | 10 |
| 15 | 4875 | 46 | 10 |
| 16 | 4900 | 32 | 10 |
| 17 | 4925 | 44 | 10 |
| 18 | 4950 | 26 | 10 |
| 19 | 4975 | 30 | 10 |
| 20 | 5000 | 24 | 10 |
| 21 | 5025 | 26 | 10 |
| 22 | 5050 | 20 | 30 |
| 23 | 5075 | 20 | 10 |
| 24 | 5100 | 28 | 10 |
| 25 | 5125 | 28 | 10 |
| 26 | 5150 | 18 | 10 |
| 27 | 5175 | 24 | 10 |
| 28 | 5200 | 28 | 10 |
| 29 | 11800E-5300N | 26 | 10 |

| T. O. | SAMPLE No. | Cu | PPB Au | 8806-067 |
|----------|---------------|-----|-----------|-------------|
| | | | | Pg. 6 of 11 |
| 30 | 11800E-5325N | 24 | 10 | |
| 31 | 5350 | 24 | 10 | |
| 32 | 5375 | 30 | 10 | |
| 33 | 5400 | 24 | 10 | |
| 34 | 5425 | 22 | 10 | |
| 35 | 5450 | 26 | 10 | |
| 36 | 5475 | 24 | 10 | |
| 37 | 5500 | 26 | 10 | |
| 38 | 5525 | 26 | 10 | |
| 39 | 11800E-5550N | 20 | 10 | |
| 40 | *11900E-4750N | 26 | 10 | |
| 41 | 4775 | 72 | 10 | |
| 42 | 4800 | 28 | 10 | |
| 43 | 4825 | 36 | 10 | |
| 44 | 4850 | 30 | 10 | |
| 45 | 4875 | 34 | 10 | |
| 46 | 4900 | 34 | 10 | |
| 47 | 4925 | 24 | 10 | |
| 48 | 4950 | 48 | 10 | |
| 49 | 4975 | 36 | 10 | |
| 2 | 5000 | 26 | 10 | |
| 3 | 5025 | 28 | 10 | |
| 4 | 5050 | 42 | 10 | |
| 5 | 5075 | 44 | 20 | |
| 6 | 5100 | 26 | 10 | |
| 7 | 5125 | 30 | 10 | |
| 8 | 5150 | 20 | 10 | |
| 9 | 5175 | 14 | 10 | |
| 10 | 5200 | 220 | 10 | |
| 11 | 5225 | 34 | 10 | |
| 12 | 5250 | 38 | 10 | |
| 13 | 5275 | 30 | 10 | |
| 14 | 5300 | 24 | 10 | |
| 15 | 5325 | 24 | 10 | |
| 16 | 5350 | 14 | 10 | |
| 17 | 5375 | 24 | 10 | |
| 18 | 5400 | 22 | 10 | |
| 19 | 5425 | 22 | 10 | |
| 20 | 5450 | 18 | 10 | |
| 21 | 5475 | 28 | 380 | |
| 22 | 5500 | 24 | 10 | |
| 23 | 5525 | 34 | 10 | |
| 24 | 11900E-5550N | 48 | 10 | |
| 25 | *12000E-4650N | 74 | 10 | |
| 26 | 4750 | 28 | 10 | |
| 27 | 4775 | 34 | 10 | |
| 28 | 4825 | 28 | 10 | |
| 29 | 4875 | 60 | 10 | |
| 30 | 4925 | 24 | 10 | |
| 31 | 4975 | 16 | 10 | |
| 32 | 5000 | 30 | 10 | |
| 33 | 5025 | 22 | 10 | |
| 34 | 5050 | 36 | 10 | |
| 35 | 5075 | 52 | 10 | |
| 36 | 5125 | 26 | 10 | |
| 37 | 5175 | 38 | 10 | |
| 38 | 12000E-5225N | 54 | 10 | |

| T. | SAMPLE No. | Cu | PPB Au | 8806-067 Pg. 7 of 11 |
|----|---------------|-----|-----------|-------------------------|
| 39 | 12000E-5275N | 44 | 10 | |
| 40 | 5325 | 34 | 10 | |
| 41 | 5375 | 52 | 10 | |
| 42 | 5425 | 82 | 10 | |
| 43 | 5475 | 44 | 10 | |
| 44 | 12000E-5525N | 74 | 10 | |
| 45 | 12100E-4775N | 56 | 10 | |
| 46 | 4875 | 34 | 10 | |
| 47 | 4925 | 24 | 100 | |
| 48 | 4950 | 22 | 10 | |
| 49 | 4975 | 26 | 10 | |
| 50 | 4975 Dupl. | 28 | 10 | |
| 51 | 5000 | 28 | 10 | |
| 52 | 5025 | 38 | 10 | |
| 53 | 5075 | 50 | 10 | |
| 54 | 5100 | 72 | 10 | |
| 55 | 5125 | 74 | 10 | |
| 56 | 5150 | 62 | 10 | |
| 57 | 5175 | 58 | 10 | |
| 58 | 5200 | 78 | 10 | |
| 59 | 5225 | 36 | 10 | |
| 60 | 5250 | 110 | 10 | |
| 61 | 5275 | 82 | 10 | |
| 62 | 5300 | 220 | 10 | |
| 63 | 5325 | 130 | 10 | |
| 64 | 5350 | 58 | 10 | |
| 65 | 5375 | 30 | 10 | |
| 66 | 5400 | 20 | 10 | |
| 67 | 5425 | 50 | 10 | |
| 68 | 5450 | 40 | 10 | |
| 69 | 5475 | 54 | 10 | |
| 70 | 5500 | 28 | 10 | |
| 71 | 5525 | 58 | 10 | |
| 72 | 12100E-5550N | 56 | 10 | |
| 73 | J12200E-4750N | 64 | 10 | |
| 74 | 4775 | 30 | 10 | |
| 75 | 4800 | 110 | 10 | |
| 76 | 4825 | 38 | 10 | |
| 77 | 4900 | 34 | 10 | |
| 78 | 4975 | 40 | 10 | |
| 79 | 5000 | 160 | 10 | |
| 80 | 5025 | 50 | 20 | |
| 81 | 5050 | 44 | 10 | |
| 82 | 5075 | 170 | 10 | |
| 83 | 5100 | 44 | 10 | |
| 84 | 5125 | 26 | 10 | |
| 85 | 5150 | 120 | 10 | |
| 86 | 5175 | 68 | 10 | |
| 87 | 5225 | 58 | 10 | |
| 88 | 5275 | 70 | 10 | |
| 89 | 5325 | 82 | 10 | |
| 90 | 5350 | 56 | 10 | |
| 91 | 5375 | 30 | 10 | |
| 92 | 5425 | 140 | 10 | |
| 93 | 5450 | 120 | 10 | |
| 94 | 5475 | 60 | 10 | |
| 95 | 12200E-5500N | 46 | 10 | |

| T. | SAMPLE No. | Cu | PPB Au | 8806-067 Pg. 8 of 11 |
|----|---------------|-----|-----------|-------------------------|
| 36 | 12200E-5525N | 62 | 10 | |
| 37 | 12200E-5550N | 94 | 10 | |
| 38 | 12300E-4750N | 34 | 10 | |
| 39 | 12300E-4775N | 14 | 10 | |
| 40 | CHECK NL-6 | 50 | - | |
| 41 | ✓12300E-4825N | 30 | 10 | |
| 42 | 4850 | 30 | 10 | |
| 43 | 4875 | 18 | 10 | |
| 44 | 4950 | 44 | 10 | |
| 45 | 5100 | 30 | 10 | |
| 46 | 5125 | 50 | 10 | |
| 47 | 5175 | 66 | 10 | |
| 48 | 5200 | 52 | 10 | |
| 49 | 5425 | 40 | 10 | |
| 50 | 5450 | 50 | 10 | |
| 51 | 5475 | 38 | 10 | |
| 52 | 5500 | 40 | 10 | |
| 53 | 5525 | 100 | 10 | |
| 54 | 12300E-5550N | 20 | 10 | |
| 55 | ✓12800E-4750N | 20 | 10 | |
| 56 | 4775 | 28 | 10 | |
| 57 | 4800 | 26 | 10 | |
| 58 | 4825 | 28 | 10 | |
| 59 | 4850 | 26 | 10 | |
| 60 | 4875 | 30 | 10 | |
| 61 | 4900 | 28 | 10 | |
| 62 | 4925 | 28 | 10 | |
| 63 | 4950 | 40 | 10 | |
| 64 | 4975 | 130 | 10 | |
| 65 | 5000 | 30 | 10 | |
| 66 | 5025 | 46 | 10 | |
| 67 | ✓12800E-5050N | 56 | 10 | |
| 68 | ✓12900E-4850N | 170 | 10 | |
| 69 | 4875 | 160 | 10 | |
| 70 | 4900 | 28 | 10 | |
| 71 | 4925 | 32 | 10 | |
| 72 | 4975 | 30 | 10 | |
| 73 | 5000 | 26 | 10 | |
| 74 | 5025 | 36 | 10 | |
| 75 | ✓12900E-5050N | 40 | 10 | |
| 76 | ✓13000E-4875N | 180 | 10 | |
| 77 | 4925 | 50 | 10 | |
| 78 | 4975 | 48 | 10 | |
| 79 | ✓13000E-5025N | 50 | 10 | |
| 80 | ✓13100E-4800N | 54 | 10 | |
| 81 | 4825 | 52 | 10 | |
| 82 | 4850 | 100 | 10 | |
| 83 | 4875 | 100 | 10 | |
| 84 | 4900 | 60 | 10 | |
| 85 | 4925 | 46 | 10 | |
| 86 | 4950 | 32 | 10 | |
| 87 | 4975 | 12 | 10 | |
| 88 | 5000 | 32 | 10 | |
| 89 | 5025 | 32 | 10 | |
| 90 | ✓13100E-5050N | 30 | 10 | |
| 91 | ✓13200E-4750N | 58 | 10 | |
| 92 | ✓13200E-4775N | 22 | 10 | |

| T. | SAMPLE No. | Cu | PPB Au | 8806-067 Pg. 9 of 11 |
|----|---------------|----|-----------|-------------------------|
| 5 | 13200E-4800N | 20 | 280 | |
| 6 | 4825 | 42 | 260 | |
| 7 | 4850 | 28 | 10 | |
| 8 | 4875 | 18 | 10 | |
| 9 | 4900 | 14 | 20 | |
| 10 | 4925 | 24 | 10 | |
| 11 | 4950 | 24 | 10 | |
| 12 | 4975 | 48 | 10 | |
| 13 | 5000 | 20 | 10 | |
| 14 | 5025 | 22 | 10 | |
| 15 | 13200E-5050N | 20 | 10 | |
| 16 | 13300E-4900N | 22 | 10 | |
| 17 | 4925 | 14 | 10 | |
| 18 | 4950 | 24 | 10 | |
| 19 | 4975 | 26 | 10 | |
| 20 | 5000 | 34 | 10 | |
| 21 | 5025 | 20 | 10 | |
| 22 | 5050 | 20 | 10 | |
| 23 | 5075 | 22 | 10 | |
| 24 | 5100 | 28 | 10 | |
| 25 | 5125 | 22 | 10 | |
| 26 | 5150 | 22 | 10 | |
| 27 | 5175 | 32 | 10 | |
| 28 | 13300E-5200N | 20 | 260 | |
| 29 | 13400E-4900N | 42 | 10 | |
| 30 | 4925 | 30 | 10 | |
| 31 | 4950 | 26 | 10 | |
| 32 | 4975 | 16 | 10 | |
| 33 | 5025 | 36 | 140 | |
| 34 | 5050 | 48 | 10 | |
| 35 | 5075 | 34 | 10 | |
| 36 | 5100 | 18 | 10 | |
| 37 | 5125 | 18 | 10 | |
| 38 | 5150 | 20 | 10 | |
| 39 | 5175 | 8 | 10 | |
| 40 | 13400E-5200N | 14 | 10 | |
| 41 | 13500E-4900N | 22 | 10 | |
| 42 | 4925 | 32 | 10 | |
| 43 | 4950 | 26 | 10 | |
| 44 | 4975 | 16 | 10 | |
| 45 | 5025 | 18 | 10 | |
| 46 | 5075 | 18 | 90 | |
| 47 | 5125 | 18 | 10 | |
| 48 | 13500E-5175N | 36 | 10 | |
| 49 | 13600E-4900N | 20 | 10 | |
| 50 | 4925 | 28 | 10 | |
| 51 | 4950 | 24 | 10 | |
| 52 | 4975 | 26 | 10 | |
| 53 | 5000 | 28 | 10 | |
| 54 | 5025 | 24 | 10 | |
| 55 | 5050 | 20 | 10 | |
| 56 | 5075 | 18 | 10 | |
| 57 | 5100 | 24 | 10 | |
| 58 | 5125 | 22 | 10 | |
| 59 | 5150 | 26 | 10 | |
| 60 | 5175 | 26 | 10 | |
| 61 | 13600E-5200N | 20 | 10 | |

| T. | SAMPLE No. | Du | PPB Au | 8806-067 Pg. 10 of 11 |
|----|---------------|----|-----------|--------------------------|
| 52 | J13700E-4900N | 36 | 10 | |
| 53 | 4925 | 34 | 10 | |
| 54 | 4950 | 28 | 100 | |
| 55 | 4975 | 20 | 10 | |
| 56 | 5000 | 12 | 10 | |
| 57 | 5025 | 16 | 10 | |
| 58 | 5050 | 18 | 10 | |
| 59 | 5075 | 16 | 10 | |
| 70 | 5100 | 18 | 10 | |
| 71 | 5125 | 18 | 10 | |
| 72 | 5150 | 28 | 10 | |
| 73 | 5175 | 14 | 10 | |
| 74 | J13700E-5200N | 20 | 10 | |
| 75 | J14300E-4950N | 34 | 10 | |
| 76 | 4975 | 24 | 10 | |
| 77 | 5000 | 42 | 10 | |
| 78 | 5025 | 22 | 10 | |
| 79 | 5050 | 48 | 10 | |
| 80 | 5075 | 30 | 10 | |
| 81 | 5100 | 22 | 10 | |
| 82 | 5125 | 36 | 10 | |
| 83 | 5150 | 26 | 10 | |
| 84 | 5175 | 38 | 10 | |
| 85 | 5200 | 28 | 10 | |
| 86 | 5225 | 40 | 10 | |
| 87 | J14300E-5250N | 26 | 10 | |
| 88 | J14400E-4950N | 48 | 10 | |
| 89 | 4975 | 12 | 10 | |
| 90 | 5025 | 30 | 10 | |
| 91 | 5050 | 22 | 10 | |
| 92 | 5075 | 26 | 10 | |
| 93 | 5100 | 32 | 10 | |
| 94 | 5125 | 30 | 10 | |
| 95 | 5150 | 24 | 10 | |
| 96 | 5175 | 24 | 10 | |
| 97 | 5200 | 26 | 10 | |
| 98 | 5225 | 38 | 10 | |
| 99 | J14400E-5250N | 30 | 10 | |
| 00 | CHECK NL-6 | 48 | - | |
| 01 | J14500E-4950N | 26 | 10 | |
| 02 | 4975 | 22 | 10 | |
| 03 | 5025 | 16 | 10 | |
| 04 | 5075 | 20 | 10 | |
| 05 | 5125 | 26 | 10 | |
| 06 | 5175 | 26 | 800 | |
| 07 | J14500E-5225N | 16 | 10 | |
| 08 | J14500E-4950N | 20 | 10 | |
| 09 | 4975 | 10 | 10 | |
| 10 | 5000 | 20 | 10 | |
| 11 | 5025 | 18 | 10 | |
| 12 | 5050 | 20 | 70 | |
| 13 | 5075 | 22 | 10 | |
| 14 | 5100 | 22 | 10 | |
| 15 | 5125 | 20 | 10 | |
| 16 | 5150 | 34 | 10 | |
| 17 | 5175 | 34 | 10 | |
| 18 | J14600E-5200N | 18 | 10 | |

8806-067
Pg. 11 of 11

| T. | SAMPLE No. | Cu | PPB Au |
|----|---------------|----|-----------|
| 19 | 14600E-5225N | 10 | 10 |
| 20 | 14600E-5250N | 50 | 10 |
| 21 | /14700E-4950N | 18 | 10 |
| 22 | 4975 | 18 | 10 |
| 23 | 5000 | 20 | 10 |
| 24 | 5025 | 12 | 10 |
| 25 | 5050 | 18 | 10 |
| 26 | 5075 | 32 | 50 |
| 27 | 5100 | 18 | 10 |
| 28 | 5125 | 22 | 10 |
| 29 | 5150 | 16 | 10 |
| 30 | 5175 | 22 | 10 |
| 31 | 5200 | 22 | 10 |
| 32 | 5225 | 18 | 10 |
| 33 | 14700E-5250N | 30 | 10 |

NORANDA VANCOUVER LABORATORY

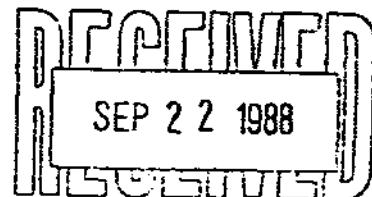
PROPERTY/LOCATION: TSIL

CODE : 8808-098

Project No. : 283 Sheet: 1 of 6 Date rec'd: AUG 25
 Material : 273 SOILS Geol.: G.M. Date compl: SEP. 19
 Remarks :

Values in PPM, except where noted.

| L.T. No. | SAMPLE No. | Cu | PPB Au |
|-------------|---------------|----|-----------|
| 2 | 8700E-7200N | 34 | 10 |
| 3 | 7225 | 34 | 10 |
| 4 | 7250 | 40 | 10 |
| 5 | 7275 | 52 | 10 |
| 6 | 7325 | 54 | 10 |
| 7 | 7350 | 20 | 10 |
| 8 | 8700E-7375N | 16 | 10 |
| 9 | 8800E-7200N | 24 | 10 |
| 10 | 7225 | 28 | 10 |
| 11 | 7250 | 32 | 10 |
| 12 | 7275 | 40 | 10 |
| 13 | 7300 | 98 | 10 |
| 14 | 7325 | 28 | 10 |
| 15 | 7350 | 28 | 10 |
| 16 | 7375 | 40 | 10 |
| 17 | 7400 | 34 | 10 |
| 18 | 7425 | 34 | 10 |
| 19 | 7450 | 24 | 10 |
| 20 | 7475 | 22 | 10 |
| 21 | 7500 | 20 | 10 |
| 22 | 7525 | 18 | 10 |
| 23 | 7550 | 30 | 10 |
| 24 | 7575 | 26 | 10 |
| 25 | 7600 | 18 | 10 |
| 26 | 7625 | 32 | 10 |
| 27 | 7650 | 40 | 10 |
| 28 | 7675 | 36 | 10 |
| 29 | 8800E-7700N | 38 | 10 |
| 30 | 8900E-7200N | 40 | 10 |
| 31 | 7225 | 42 | 10 |
| 32 | 7250 | 34 | 10 |
| 33 | 7275 | 32 | 10 |
| 34 | 7300 | 58 | 10 |
| 35 | 7325 | 34 | 10 |
| 36 | 7350 | 46 | 10 |
| 37 | 7375 | 56 | 10 |
| 38 | 7400 | 44 | 10 |
| 39 | 7425 | 32 | 10 |
| 40 | 7450 | 26 | 10 |
| 41 | 7475 | 26 | 10 |
| 42 | 7500 | 28 | 10 |
| 43 | 7525 | 24 | 10 |
| 44 | 7550 | 24 | 10 |
| 45 | 7575 | 34 | 10 |
| 46 | 7600 | 26 | 10 |
| 47 | 7625 | 42 | 10 |
| 48 | 7650 | 28 | 10 |
| 49 | 8900E-7675N | 20 | 10 |



Copy to Sand

| T. No. | SAMPLE No. | Cu | PPB Au |
|-----------|---------------|----|-----------|
| 50 | 8900E-7700N | 22 | 10 |
| 51 | 10000E-3000N | 14 | 10 |
| 52 | 3050 | 24 | 10 |
| 53 | 3100 | 24 | 10 |
| 54 | 3150 | 90 | 10 |
| 55 | 3200 | 16 | 10 |
| 56 | 3250 | 12 | 10 |
| 57 | 3300 | 12 | 10 |
| 58 | 3350 | 26 | 10 |
| 59 | 3400 | 28 | 10 |
| 60 | 3450 | 24 | 10 |
| 61 | 3500 | 84 | 10 |
| 62 | 3550 | 16 | 10 |
| 63 | 3600 | 26 | 10 |
| 64 | 3650 | 22 | 10 |
| 65 | 3700 | 32 | 10 |
| 66 | 3750 | 18 | 10 |
| 67 | 3900 | 30 | 10 |
| 68 | 3950 | 24 | 10 |
| 69 | 4000 | 60 | 10 |
| 70 | 4050 | 42 | 10 |
| 71 | 4150 | 40 | 10 |
| 72 | 10000E-4550N | 24 | 10 |
| 73 | 10300E-7725N | 28 | 10 |
| 74 | 7750 | 34 | 10 |
| 75 | 7775 | 28 | 10 |
| 76 | 7800 | 20 | 10 |
| 77 | 7825 | 36 | 10 |
| 78 | 7850 | 30 | 10 |
| 79 | 7875 | 24 | 10 |
| 80 | 7900 | 24 | 10 |
| 81 | 7925 | 24 | 10 |
| 82 | 7950 | 26 | 10 |
| 83 | 7975 | 24 | 10 |
| 84 | 10300E-8000N | 42 | 10 |
| 85 | 10400E-7700N | 76 | 10 |
| 86 | 7725 | 34 | 10 |
| 87 | 7750 | 30 | 10 |
| 88 | 7775 | 48 | 10 |
| 89 | 7800 | 30 | 10 |
| 90 | 7825 | 32 | 10 |
| 91 | 7850 | 22 | 10 |
| 92 | 7875 | 26 | 10 |
| 93 | 7900 | 28 | 10 |
| 94 | 7925 | 26 | 10 |
| 95 | 7950 | 14 | 10 |
| 96 | 7975 | 22 | 10 |
| 97 | 10400E-8000N | 30 | 10 |
| 98 | 10500E-3000N | 6 | 10 |
| 99 | 10500E-3050N | 26 | 10 |
| 100 | CHECK NL-6 | 48 | 10 |
| 101 | 10500E-3100N | 14 | 10 |
| 102 | 3150 | 10 | 10 |
| 103 | 3200 | 24 | 10 |
| 104 | 3250 | 14 | 10 |
| 105 | 3300 | 16 | 10 |
| 106 | 10500E-3350N | 82 | 10 |

| T.T. No. | SAMPLE No. | Cu | PPB Au | 8808-038 Pg. 3 of 6 |
|-------------|---------------|----|-----------|------------------------|
| 107 | 10500E-3400N | 72 | 10 | |
| 108 | 3450 | 20 | 10 | |
| 109 | 3500 | 36 | 10 | |
| 110 | 3550 | 30 | 10 | |
| 111 | 3600 | 14 | 10 | |
| 112 | 3650 | 10 | 10 | |
| 113 | 3700 | 32 | 10 | |
| 114 | 3750 | 42 | 10 | |
| 115 | 3800 | 36 | 10 | |
| 116 | 3850 | 40 | 10 | |
| 117 | 3900 | 18 | 10 | |
| 118 | 3950 | 22 | 10 | |
| 119 | 4000 | 22 | 10 | |
| 120 | 4050 | 46 | 10 | |
| 121 | 4150 | 54 | 10 | |
| 122 | 4450 | 28 | 10 | |
| 123 | 4550 | 14 | 10 | |
| 124 | 4700 | 54 | 40 | |
| 125 | 4800 | 40 | 40 | |
| 126 | 4900 | 76 | 10 | |
| 127 | 4950 | 52 | 10 | |
| 128 | 7725 | 26 | 10 | |
| 129 | 7775 | 52 | 10 | |
| 130 | 7825 | 24 | 10 | |
| 131 | 7875 | 18 | 10 | |
| 132 | 7900 | 30 | 10 | |
| 133 | 7925 | 28 | 10 | |
| 134 | 10500E-7975N | 26 | 10 | |
| 135 | 10600E-7700N | 24 | 10 | |
| 136 | 7725 | 12 | 10 | |
| 137 | 7750 | 28 | 10 | |
| 138 | 7775 | 20 | 10 | |
| 139 | 7800 | 26 | 10 | |
| 140 | 7825 | 22 | 20 | |
| 141 | 7850 | 36 | 10 | |
| 142 | 7875 | 32 | 10 | |
| 143 | 10600E-7900N | 34 | 10 | |
| 144 | 10700E-7700N | 32 | 10 | |
| 145 | 7725 | 34 | 10 | |
| 146 | 7750 | 26 | 10 | |
| 147 | 7775 | 26 | 10 | |
| 148 | 10700E-7800N | 36 | 10 | |
| 149 | 11000E-3000N | 26 | 10 | |
| 2 | 3050 | 32 | 10 | |
| 3 | 3100 | 38 | 10 | |
| 4 | 3150 | 32 | 10 | |
| 5 | 3200 | 20 | 10 | |
| 6 | 3250 | 80 | 10 | |
| 7 | 3300 | 78 | 10 | |
| 8 | 3350 | 34 | 10 | |
| 9 | 3400 | 20 | 10 | |
| 10 | 3450 | 22 | 10 | |
| 11 | 3500 | 64 | 10 | |
| 12 | 3550 | 38 | 10 | |
| 13 | 3600 | 30 | 10 | |
| 14 | 3650 | 28 | 10 | |
| 15 | 11000E-3700N | 30 | 10 | |

| T | SAMPLE No. | Cu | PPB Au | 8808-098 Pg. 4 of 5 |
|----|---------------|----|-----------|------------------------|
| 16 | 11000E-3750N | 34 | 10 | |
| 17 | 3800 | 24 | 10 | |
| 18 | 3850 | 14 | 70 | |
| 19 | 3900 | 24 | 10 | |
| 20 | 4000 | 30 | 10 | |
| 21 | 4050 | 22 | 10 | |
| 22 | 4100 | 26 | 10 | |
| 23 | 4150 | 34 | 10 | |
| 24 | 4200 | 46 | 10 | |
| 25 | 4250 | 20 | 10 | |
| 26 | 4300 | 28 | 10 | |
| 27 | 4350 | 18 | 10 | |
| 28 | 4400 | 26 | 10 | |
| 29 | 4450 | 20 | 10 | |
| 30 | 4500 | 24 | 10 | |
| 31 | 4550 | 28 | 10 | |
| 32 | 4600 | 46 | 10 | |
| 33 | 4650 | 22 | 10 | |
| 34 | 4700 | 40 | 10 | |
| 35 | 4750 | 12 | 10 | |
| 36 | 4800 | 24 | 10 | |
| 37 | 4850 | 24 | 70 | |
| 38 | 4900 | 32 | 10 | |
| 39 | 4950 | 20 | 10 | |
| 40 | 11000E-5000N | 72 | 10 | |
| 41 | 11200E-7200N | 64 | 10 | |
| 42 | 11200E-7225N | 46 | 10 | |
| 43 | 11300E-7400N | 24 | 10 | |
| 44 | 7425 | 34 | 10 | |
| 45 | 7450 | 44 | 10 | |
| 46 | 7475 | 42 | 10 | |
| 47 | 7500 | 44 | 10 | |
| 48 | 11300E-7513N | 34 | 10 | |
| 49 | 11500E-3000N | 14 | 10 | |
| 50 | 3050 | 18 | 10 | |
| 51 | 3100 | 22 | 10 | |
| 52 | 3150 | 22 | 10 | |
| 53 | 3200 | 68 | 10 | |
| 54 | 3250 | 24 | 10 | |
| 55 | 3350 | 36 | 10 | |
| 56 | 3400 | 26 | 10 | |
| 57 | 3450 | 32 | 10 | |
| 58 | 3500 | 30 | 10 | |
| 59 | 3550 | 20 | 10 | |
| 60 | 3600 | 26 | 10 | |
| 61 | 3650 | 28 | 10 | |
| 62 | 3700 | 28 | 10 | |
| 63 | 3750 | 22 | 10 | |
| 64 | 3800 | 36 | 10 | |
| 65 | 3900 | 18 | 10 | |
| 66 | 3950 | 16 | 70 | |
| 67 | 4000 | 26 | 10 | |
| 68 | 4050 | 12 | 70 | |
| 69 | 4100 | 26 | 10 | |
| 70 | 4150 | 12 | 10 | |
| 71 | 4200 | 14 | 10 | |
| 72 | 11500E-4250N | 32 | 10 | |

| P.T. No. | SAMPLE No. | Cu | PPB | 8808-098 |
|-------------|---------------|-----|-----|------------|
| | | | Au | Pg. 5 of 6 |
| 73 | 11500E-4300N | 24 | 10 | |
| 74 | 4350 | 94 | 10 | |
| 75 | 4400 | 38 | 10 | |
| 76 | 4450 | 36 | 10 | |
| 77 | 4500 | 20 | 10 | |
| 78 | 4550 | 20 | 10 | |
| 79 | 4600 | 40 | 10 | |
| 80 | 4650 | 20 | 10 | |
| 81 | 4700 | 22 | 10 | |
| 82 | 4750 | 42 | 10 | |
| 83 | 4800 | 20 | 40 | |
| 84 | 4850 | 230 | 10 | |
| 85 | 4900 | 82 | 10 | |
| 86 | 4950 | 38 | 10 | |
| 87 | 11500E-5000N | 24 | 10 | |
| 88 | 13200E-5075N | 16 | 10 | |
| 89 | 5100 | 26 | 10 | |
| 90 | 5125 | 24 | 10 | |
| 91 | 5150 | 28 | 10 | |
| 92 | 5175 | 34 | 10 | |
| 93 | 5200 | 20 | 10 | |
| 94 | 5225 | 28 | 10 | |
| 95 | 5250 | 18 | 10 | |
| 96 | 5275 | 20 | 10 | |
| 97 | 13200E-5300N | 22 | 10 | |
| 98 | 13300E-4600N | 50 | 10 | |
| 99 | 13300E-4625N | 24 | 10 | |
| 100 | CHECK NL-6 | 50 | - | |
| 101 | 13300E-4650N | 24 | 10 | |
| 102 | 4675 | 22 | 10 | |
| 103 | 4700 | 40 | 10 | |
| 104 | 4725 | 38 | 10 | |
| 105 | 4750 | 86 | 10 | |
| 106 | 4775 | 26 | 10 | |
| 107 | 4800 | 32 | 10 | |
| 108 | 4825 | 26 | 10 | |
| 109 | 4850 | 26 | 10 | |
| 110 | 4875 | 26 | 10 | |
| 111 | 5225 | 18 | 10 | |
| 112 | 5250 | 20 | 10 | |
| 113 | 5275 | 18 | 10 | |
| 114 | 13300E-5300N | 30 | 10 | |
| 115 | 13400E-4675N | 24 | 10 | |
| 116 | 4700 | 50 | 10 | |
| 117 | 4725 | 30 | 10 | |
| 118 | 4750 | 34 | 10 | |
| 119 | 4775 | 44 | 10 | |
| 120 | 4800 | 22 | 10 | |
| 121 | 4850 | 28 | 10 | |
| 122 | 4875 | 52 | 10 | |
| 123 | 5225 | 26 | 10 | |
| 124 | 5250 | 24 | 10 | |
| 125 | 5275 | 10 | 10 | |
| 126 | 13400E-5300N | 22 | 10 | |
| 127 | 13800E-4800N | 26 | 10 | |
| 128 | 4825 | 26 | 10 | |
| 129 | 13800E-4850N | 18 | 10 | |

| T.F. No. | SAMPLE No. | Cu | PPB Au | 8808-098 Pg. 6 of 6 |
|-------------|---------------|----|-----------|------------------------|
| 130 | 13800E-4875N | 28 | 10 | |
| 131 | 4925 | 24 | 10 | |
| 132 | 4950 | 42 | 10 | |
| 133 | 4975 | 18 | 10 | |
| 134 | 5000 | 16 | 10 | |
| 135 | 5025 | 16 | 10 | |
| 136 | 5050 | 10 | 10 | |
| 137 | 5075 | 8 | 10 | |
| 138 | 5100 | 22 | 10 | |
| 139 | 5125 | 28 | 10 | |
| 140 | 13800E-5150N | 22 | 10 | |

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: STUART GOLD
(Cripple Lake)

CODE : 8807-016

Project No. : 283 Sheet: 1 of 2 Date rec'd: JUN29
 Material : 28 SOILS, Geol.: G.M. Date compl: JUL22
 Remarks : 19 SILTS, 17 PANS & 5 RX Values in PPM, except where noted.

| T.T. No. | SAMPLE No. | weight (g) | PPB Au | Cu | Zn | Pb | Ag | As |
|-------------|---------------|---------------|-----------|-------|----|-----|----|-----|
| 1 | PAN | 38261 | 50.1 | 10 | 10 | 62 | 1 | 0.2 |
| 2 | | 38262 | 58.8 | 10 | 10 | 62 | 4 | 0.2 |
| 3 | | <u>38263</u> | 31.6 | 10 | 20 | 64 | 2 | 0.2 |
| 4 | | <u>38264</u> | 31.2 | 10 | 18 | 58 | 4 | 0.2 |
| 5 | | <u>38351</u> | 41.1 | 90 | 28 | 76 | 6 | 0.2 |
| 6 | | <u>38352</u> | 44.1 | 510Q | 12 | 68 | 2 | 0.4 |
| 7 | | <u>38353</u> | 35.0 | 10 | 18 | 66 | 2 | 0.2 |
| 8 | | <u>38354</u> | 55.7 | 570 | 20 | 64 | 2 | 0.2 |
| 9 | | <u>38355</u> | 35.2 | 5560Q | 22 | 82 | 4 | 2.4 |
| 10 | | <u>38356</u> | 61.7 | 10 | 12 | 74 | 2 | 0.2 |
| 11 | | <u>38357</u> | 38.9 | 510Q | 15 | 58 | 4 | 0.2 |
| 12 | | <u>38358</u> | 38.4 | 70 | 28 | 70 | 2 | 0.2 |
| 13 | | <u>38359</u> | 37.5 | 10 | 38 | 100 | 8 | 0.2 |
| 14 | | <u>38360</u> | 55.4 | 450Q | 12 | 52 | 1 | 0.2 |
| 15 | | <u>38361</u> | 30.7 | 540 | 20 | 80 | 1 | 0.2 |
| 16 | | <u>38362</u> | 29.7 | 10 | 26 | 72 | 1 | 0.2 |
| 17 | PAN | 38363 | 57.9 | 10 | 28 | 72 | 2 | 0.2 |

N.B. Pan-com: entire sample used for Au determination.

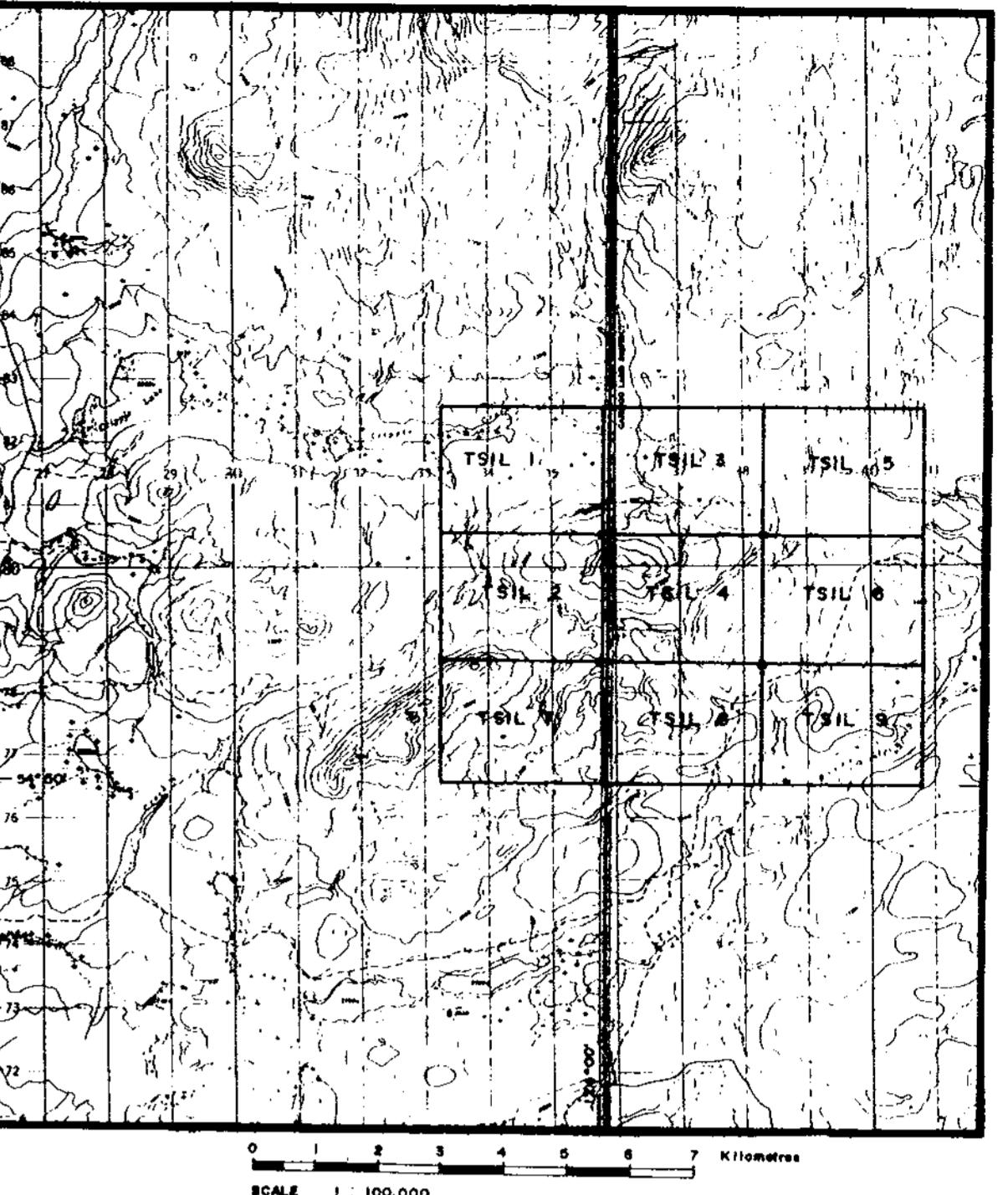
*Cu, Zn, Pb, Ag values obtained from Aqua Regia sol'n.

| T.T. No. | SAMPLE No. | Cu | Zn | Pb | Ag | As | PPB Au |
|-------------|-------------------|----|-----|----|-----|----|-----------|
| 140 | <u>36357</u> SILT | 34 | 120 | 2 | 0.4 | 14 | 10 |
| 141 | <u>36358</u> | 30 | 120 | 2 | 0.4 | 18 | 10 |
| 142 | <u>36359</u> | 32 | 78 | 1 | 0.2 | 6 | 10 |
| 143 | <u>36360</u> | 50 | 82 | 1 | 0.4 | 8 | 10 |
| 144 | <u>36441</u> | 24 | 70 | 1 | 0.2 | 6 | 10 |
| 145 | <u>36442</u> | 30 | 68 | 2 | 0.2 | 1 | 10 |
| 146 | <u>36443</u> | 34 | 100 | 4 | 0.2 | 1 | 10 |
| 147 | <u>36444</u> | 36 | 86 | 2 | 0.2 | 1 | 10 |
| 148 | <u>36445</u> | 24 | 90 | 2 | 0.2 | 4 | 10 |
| 149 | <u>36446</u> | 44 | 75 | 4 | 0.2 | 6 | 10 |
| 2 | <u>36447</u> | 38 | 64 | 4 | 0.2 | 12 | 10 |
| 3 | <u>36448</u> | 82 | 120 | 6 | 0.8 | 14 | 10 |
| 4 | <u>36449</u> | 86 | 200 | 2 | 1.0 | 16 | 10 |
| 5 | <u>36450</u> | 22 | 62 | 1 | 0.2 | 4 | 10 |
| 6 | <u>36526</u> | 30 | 70 | 6 | 0.2 | 12 | 10 |
| 7 | <u>36527</u> | 34 | 62 | 4 | 0.2 | 6 | 100* |
| 8 | <u>36528</u> | 24 | 82 | 4 | 0.2 | 4 | 10 |
| 9 | <u>36529</u> | 32 | 130 | 8 | 0.2 | 14 | 10 |
| 10 | <u>36530</u> SILT | 22 | 120 | 10 | 0.2 | 6 | 10 |
| 11 | 11100E-9950N SOIL | 42 | 120 | 2 | 0.4 | 8 | 10 |
| 12 | 11100E-9975N | 22 | 60 | 2 | 0.2 | 6 | 10 |

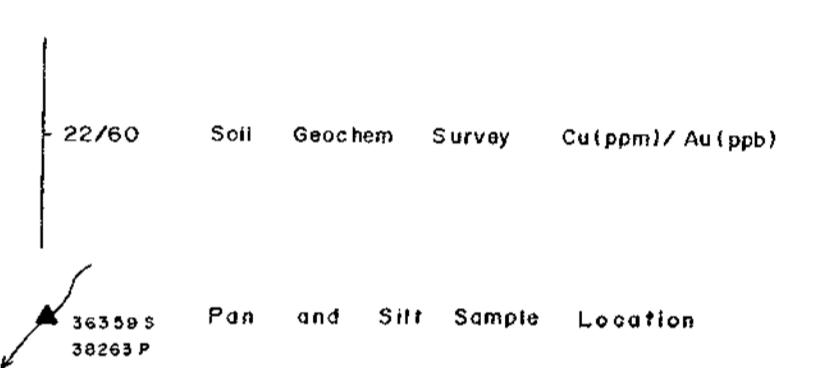
RECEIVED
JUL 29 1968
LUSUM

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Ward

LOCATION MAP



LEGEND

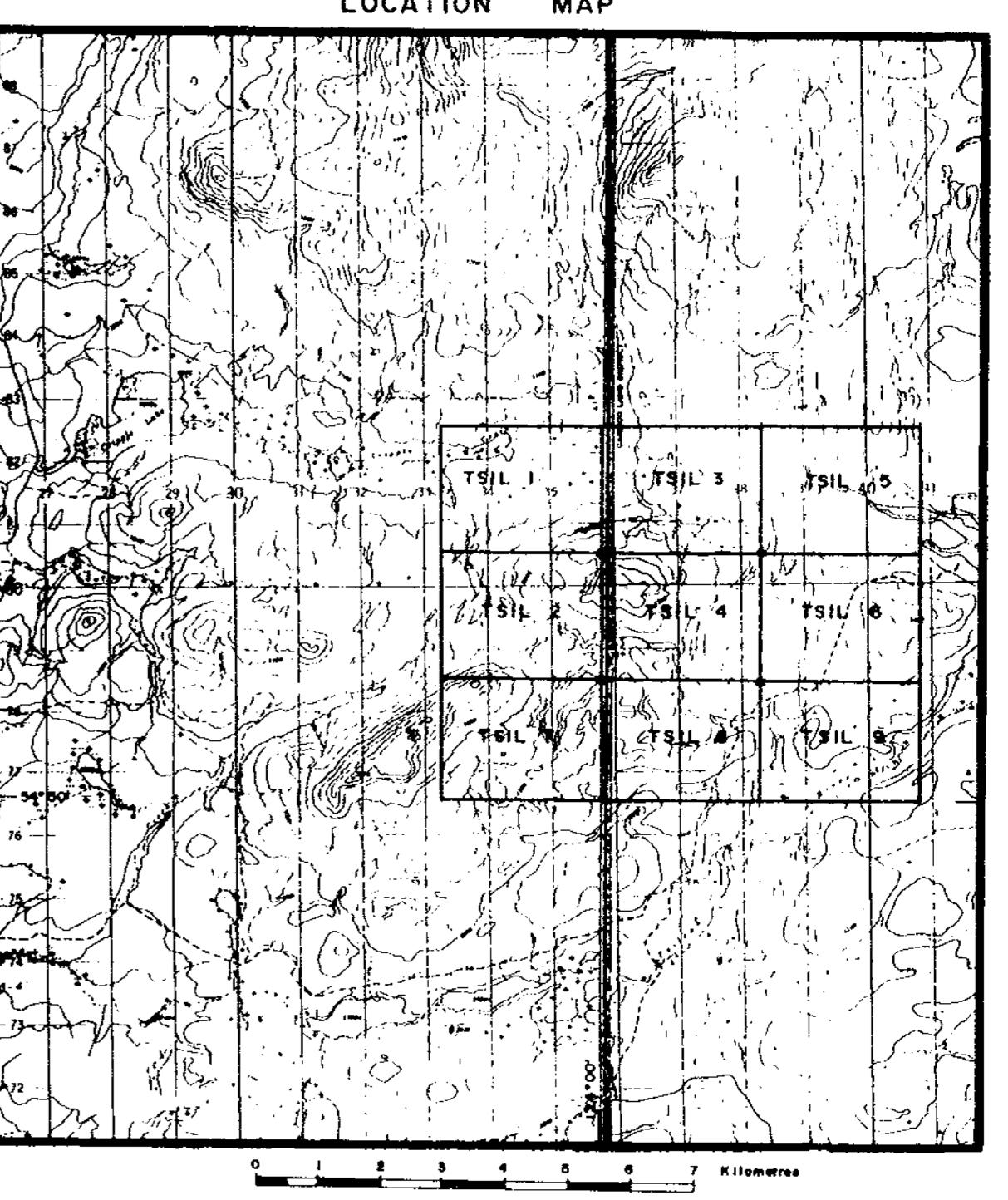
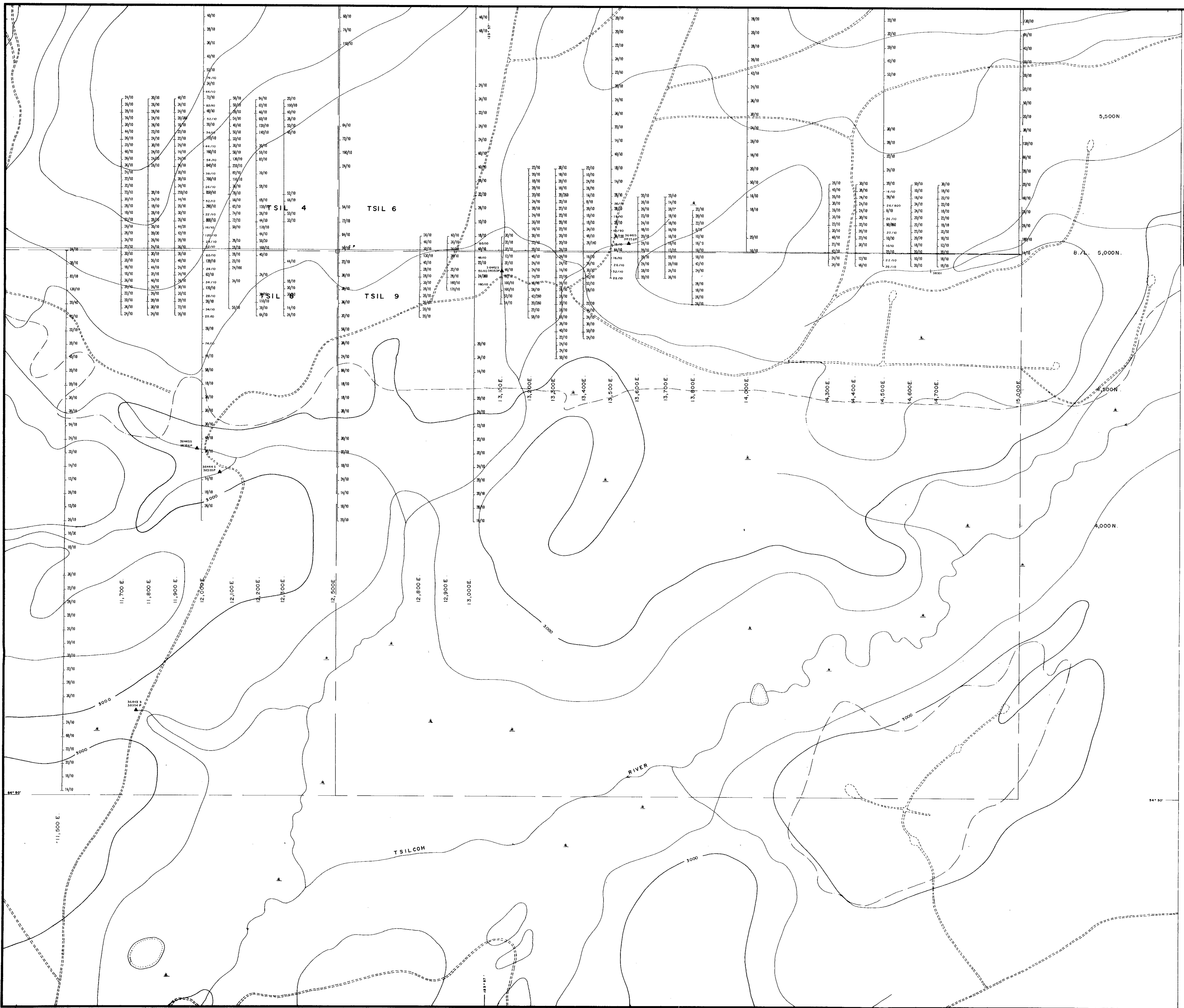
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,850

| |
|-----------------|
| Map Sheet Index |
| 3 4 2 1 |

SCALE 1 : 5,000

| | | |
|---------------------|-----------------------------|--|
| REVISED | STUART LAKE GOLD | |
| April, 1989, S.K.B. | | |
| June, 1989, S.K.B. | | |
| PROJ. No. 283 | TSIL CLAIMS | |
| N.T.S. 93J/15/K16 | SOIL GEOCHEM SURVEY | |
| DWG No. | Cu (ppm) / Au (ppb) | |
| SURVEY BY: S.S. | DATE: Mar., 1988 | |
| DRAWN BY: S.K.B. | SCALE: 1 : 5,000 | |
| NORANDA EXPLORATION | | |
| FIG. 3 | OFFICE: PRINCE GEORGE, B.C. | |



L E G E N D

20/10 Soil Geochem Survey Cu (ppm)/Au (ppb)

36359 S Pan and Silt Sample Location
38263 P

36359 Silt Sample Location

**G E O L O G I C A L B R A N C H
A S S E S S M E N T R E P O R T**

| <u>Map</u> | <u>Sheet</u> | <u>Index</u> |
|------------|--------------|--------------|
| 3 | 4 | |
| 2 | 1 | |

| <u>Map</u> | <u>Sheet</u> | <u>Index</u> |
|------------|--------------|--------------|
| 3 | 4 | |
| 2 | 1 | |

| | | | | | | |
|-----------------------|--|-----------------------|-----|-----|-----|--|
| | | 0 | 100 | 200 | 300 | |
| SCALE 1 : 5,000 | | | | | | |
| REVISED | | STUART | | | | |
| April , 1989 , S.K.B. | | | | | | |
| June , 1989 , S.K.B. | | TSIL | | | | |
| | | SOIL GR | | | | |
| | | C | | | | |
| PROJ. No. 283..... | | SURVEY BY: S.S | | | | |
| N.T.S. 93J/13/K16 | | DRAWN BY: S. | | | | |
| DWG. No. | | NORA | | | | |
| FIG . 4 | | OFFICE: P.R.I.. | | | | |

