

**GEOLOGICAL, GEOCHEMICAL
GEOPHYSICAL AND DIAMOND DRILLING REPORT**

TAKLA - RAINBOW PROPERTY

| | | | |
|---------|-----------|--------|------|
| TAKLA | 5964 (11) | TWIN 2 | 3957 |
| RAINBOW | 5965 (11) | TWIN 3 | 3958 |
| T.R.A. | 6293 (6) | TWIN 4 | 3959 |
| T.R.C. | 7113 (7) | TWIN 5 | 3960 |
| TWIN 1 | 3256 | TWIN 6 | 3961 |

**OMINECA MINING DIVISION
N.T.S. 93N/11W 55°39'N, 125°17'W**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

**R. PESALJ
IMPERIAL METALS CORPORATION
NOVEMBER 1985**

T A B L E O F C O N T E N T S

| | <u>PAGE</u> |
|---------------------------------|-------------|
| SUMMARY | 1 |
| 1. INTRODUCTION | 2 |
| 2. PROPERTY | 2 |
| 3. LOCATION, ACCESS, TOPOGRAPHY | 3 |
| 4. REGIONAL GEOLOGY | 3 |
| 5. PRESENT WORK | 3 |
| 6. DETAIL MAPPING | 4 & 5 |
| 7. SOIL SAMPLING | 6 |
| 8. GEOPHYSICAL SURVEY | 6 |
| 9. DIAMOND DRILLING | 7 |
| STATEMENT OF EXPENDITURES | 9 |
| AUTHOR'S QUALIFICATIONS | 10 |

FIGURES

| | | |
|---------|--|-----------|
| FIG 1. | Location Map | 1:250,000 |
| FIG 2. | Claim Map | 1: 50,000 |
| FIG 3. | Surface Geology, East Grid | 1: 2,500 |
| FIG 4. | Surface Geology, West Grid | 1: 2,500 |
| FIG 5. | Geochemistry, Au, Ag, East Grid | 1: 2,500 |
| FIG 6. | Geochemistry, Cu, Zn, East Grid | 1: 2,500 |
| FIG 7. | Geochemistry, Pb, Ba, East Grid | 1: 2,500 |
| FIG 8. | Geochemistry, Au, Ag, West Grid | 1: 2,500 |
| FIG 9. | Geochemistry, Cu, Zn, West Grid | 1: 2,500 |
| FIG 10. | Geochemistry, Pb, Ba, West Grid | 1: 2,500 |
| FIG 11. | IPR-11 Survey-Chargeability, East Grid | 1: 2,500 |
| FIG 12. | IPR-11 Survey-Resistivity, East Grid | 1: 2,500 |
| FIG 13. | IPR-11 Survey-Chargeability, West Grid | 1: 2,500 |
| FIG 14. | IPR-11 Survey-Resistivity, West Grid | 1: 2,500 |
| FIG 15. | Section 3+00E (DDH 1 & 2) | 1: 1,000 |
| FIG 16. | Section 5+00E (DDH 3) | 1: 1,000 |
| FIG 17. | Section 7+00E (DDH 4) | 1: 1,000 |
| FIG 18. | Borehole Geology Plan | 1: 2,500 |

T A B L E O F C O N T E N T S C O N T .

APPENDICES

- I Rock Sample Descriptions
- II. Analytical Data
- III. Borehole logs (DDH1, DDH2, DDH3, DDH4)

S U M M A R Y

Geological mapping, geochemical soil sampling, geophysical induced polarization survey and diamond drilling were conducted on the Takla-Rainbow gold property during the 1985 field season as a continuation of encouraging results from the 1984 surveys by Imperial Metals Corporation.

The exploration efforts this year were concentrated on the West Grid where gold mineralization was found in the outcrop and float. Geochemical soil sampling and geophysical IP survey were conducted and coinciding geochemical and geophysical anomalies delineated. Diamond drilling of the anomalous ground resulted in a discovery of gold-silver-copper mineralization in four holes that tested the zone 550 meters along the strike and 30 meters at depth. The mineralized intersections range in width from 0.30 to 1.98m and contain from 0.05 to 0.53oz/ton Au, 0.07 to 1.01oz/ton, Ag and 0.03 to 6.92% Cu. Mineralization is in form of sulphide-quartz stringers and disseminations in the altered Takla volcanics and porphyries that represent outlying stocks and border phases of the Hogem batholith and consists of auriferous pyrite, chalcopyrite and magnetite.

1. INTRODUCTION

This report pertains to geological, geochemical and geophysical field work and diamond drilling on the Takla-Rainbow, T.R.A., T.R.C., and Twin 1-6 claims by Imperial Metals Corporation between July 12 and September 22, 1985.

2. PROPERTY (FIG. 2)

Currently, Takla-Rainbow property consists of the following claims:

| <u>CLAIM</u> | <u>RECORD NO.</u> | <u>NO. OF UNITS</u> | <u>OWNER OF RECORD</u> | <u>DATE RECORDED</u> |
|--------------|-------------------|---------------------|------------------------|----------------------|
| Takla | 5964 (11) | 18 | Imperial Metals | Nov. 14, 1983 |
| Rainbow | 5965 (11) | 18 | Imperial Metals | Nov. 14, 1983 |
| T.R.A. | 6293 (6) | 18 | Imperial Metals | June 22, 1984 |
| T.R.C. | 7113 (7) | 18 | Imperial Metals | July 4, 1985 |
| Twin 1 | 3956 | 1 | Neil Scafe | July 22, 1981 |
| Twin 2 | 3957 | 1 | Lorne B. Warren | July 22, 1981 |
| Twin 3 | 3958 | 1 | Lorne B. Warren | July 22, 1981 |
| Twin 4 | 3959 | 1 | Neil Scafe | July 22, 1981 |
| Twin 5 | 3960 | 1 | Neil Scafe | July 22, 1981 |
| Twin 6 | 3961 | 1 | Lorne B. Warren | July 22, 1981 |

The twin claims are presently held under option agreement by Imperial Metals signed on March 1, 1985.

3. LOCATION, ACCESS, TOPOGRAPHY

The Takla-Rainbow claim group is located in the North Central B.C. approximately 48 kilometres west of Manson Creek (FIG.1). The claims lie within the Twin Creek drainage, a tributary of Kwanika Creek. Access to the property is by the Manson Creek-Takla Landing road to within 8 km and then by a helicopter. Elevations on the claim group vary between 1,450 and 1,800m. Topography of the central part of the claim group is dominated by a broad Twin Creek valley that rises into mountains to the north and south. Semi-open forest in the lower reaches and alpine conditions at higher elevations prevail throughout the property.

4. REGIONAL GEOLOGY

The Takla-Rainbow property is situated in the Omineca Tectonic Belt of the Canadian Cordillera and lies along the eastern margin of the Hogem batholith. The Hogem batholith is a composite intrusion ranging in composition from syenite to granite. The age of the main intrusive event is 212-176 Ma. Along the eastern margin of the batholith, the intrusive rocks are in contact with the Takla Group volcanics comprising dark-green and maroon tuffs, andesites, breccias, argillite, siltstone, conglomerate and agglomerate. The group is commonly intruded by feldspar porphyry dykes and stocks.

5. PRESENT WORK

This gold project was initiated in 1983 following a regional reconnaissance program along the Pinchi Fault. Field work on the property in 1985 conducted by Imperial Metals consisted of detail geological mapping, geochemical soil sampling, geophysical induced polarization survey and diamond drilling. The work was carried out from two camps by the company staff assisted by temporary field personnel. Geophysical survey was done by A. Scott of Vancouver.

Diamond drilling contract was awarded to J.T. Thomas Drilling from Smithers. Analytical services were provided by Acme Analytical Laboratories in Vancouver.

6. DETAIL MAPPING

Detail mapping on two Takla-Rainbow grids was conducted along 22km of lines spaced 100 meters established by chain and compass. Surface geology is plotted on 1:2,500 scale maps (FIG.3,4). Description of rock samples and analytical data are presented in separate appendices of this report.

6.1. East Grid

This grid was originally established during the 1984 field season when soil sampling was conducted. The outcrops on the grid are scarce and occur mainly along the Twin Creek valley and in the southwest corner of the grid. Mapping of the outcrop and float revealed mainly Takla volcanics with several outcrops of the granite intrusive along Twin Creek.

Takla volcanics are represented by green porphyritic andesites and minor basalt and rhyolite. Andesites are dominant volcanics, consist of fine grained matrix and plagioclase or augite phenocrysts. Chlorite and epidote alteration are common and often make rock identification difficult. Rhyolite occurs in the central part of the grid and was found in hand dug trenches. This rock is grey, fine grained and contains disseminated pyrite.

Three outcrops of granite porphyry were mapped along the Twin Creek valley over a distance of 270 meters. The outcrops are aligned in NW-SE direction, parallel to the valley and probably represent younger dykes. These rocks

6.2. West Grid

This grid was established during the 1985 field season. Rock exposures on this grid are mainly on the west side, particularly on the steep slopes from line 0+00 to 4+00W. The eastern part of the grid lacks outcrops.

The south side of the grid is underlain by Takla volcanics including andesites, basalts and minor rhyolite striking NW-SE and dipping to the southwest. Dominant volcanic rock is porphyritic andesite with distinct white plagioclase phenocrysts and chloritic matrix. On the extreme west side of the grid, a large gossan is exposed over 150 meters. Mapping of the outcrops delineated a rhyolitic unit approximately 30 meters thick concordant with the enclosing Takla volcanics and dipping to the southwest. Disseminated pyrite in the unit was found throughout the gossanned area. Minor bleaching was observed along the hanging wall contact of the unit.

On the north side of the grid intrusive rocks are in contact with Takla volcanics. The intrusive rocks found in the outcrops include granite porphyry, granodiorite and diorite. These rocks represent outlying stocks and border phases of the Hogem batholith. Granite porphyry in the outcrop at 0+00 - 13+25N is strongly altered but locally shows well-preserved primary textures. It consists of plagioclase phenocrysts set in a dominantly K-feldspar fine grained matrix. Several outcrops on the north side of the grid are fine grained dioritic intrusive with prominent amphibole.

Gold-silver mineralization in the grid area was first discovered in 1984 when sample #6253 from a reconnaissance traverse returned 31.6ppm Au and 3ppm Ag. In 1985 sampling over the grid revealed mineralization in the outcrop on line 1+00E and several angular boulders. The highest value came from a float located at 5+00E - 10+50N which returned 138ppm Au and 60ppm Ag. Mineralization occurs in

disseminated and veinlet pyrite in silicified, chloritized and epidote rich mafic volcanics of the Takla group.

Sampling of the gossan on the west side of the grid revealed only geochemically anomalous values.

7. SOIL SAMPLING (FIGS.5-10)

Soil samples were taken from the B2 soil horizon along the lines at 25m intervals and -80 mesh fraction analyzed by 30 element inductively coupled argon plasma (ICP) method described on the data sheets in a separate appendix of this report.

Soil sampling in 1985 was conducted mainly on the West grid. On the East Grid lines 16E, 17E, 18E and 19E were extended to 5+00S in order to further delineate soil anomalies located during the 1984 soil survey.

On the West Grid, a multiple element anomaly was found over the entire area surveyed. The highest concentration of gold in soil occurs on the south side of the creek that runs across the grid. The anomaly trends northwesternly parallel to the creek and roughly coincides with the interpreted contact between the Takla volcanics on the south and the intrusive rocks to the north. The anomaly also falls in the general area of high gold values found in outcrop and float. The main anomalous zone carrying up to 990ppb Au in soil extends from 0+00E to 10+00E and varies in width from 50 to 150 meters. Several narrower and shorter gold anomalies occur on the south side of the grid over the Takla volcanics.

A total of 437 soil samples were collected on the two grids during the 1985 field season.

8. GEOPHYSICAL SURVEYS (FIGS.11-14)

An induced polarization and resistivity survey totalling 8.75

kilometers was conducted over the two Takla-Rainbow grids. The method used for measurements of induced polarization effects was time domain with pole-depole electrode array having 25m spacing and 2 second transmitting and 2 second receiving time pulses. Scintrex IPC-7 time domain 2.5 kw IP transmitter, IPR-11 multichannel receiver and Corona PPC 400 microcomputer and printer were used for recording and processing the data.

Survey results indicated no significant anomalous values of chargeability and resistivity in the ground over the East Grid.

On the West Grid, anomalous chargeability from 1.5 to 3 times background was delineated over 900 meters. The strike of the geophysical anomaly is SE-NW, roughly parallel to the assumed volcanic-intrusive contact. The highest values were obtained on lines 1E, 3E, 5E and 7E. Two chargeability low anomalies occur on lines 2E and 4+50E adjacent to chargeability highs.

9. DIAMOND DRILLING

Four diamond drill holes totalling 311.81 meters and recovering BQ core were completed in order to test coinciding chargeability and soil geochemical anomalies on the West Grid. Figures 16,17,18 and 19 are drill sections and plan. Borehole logs are in a separate appendix that is part of this report.

Lithologies encountered in drill core were volcanics that belong to Talka Group and granite and minor diorite porphyries.

Takla volcanics intersected in drill holes are mainly fine-grained non porphyritic, plagioclase-rich, that show various degrees of sericite, chlorite, epidote and carbonate alteration.

The porphyries are composed essentially of plagioclase phenocrysts in a felsitic matrix and minor quartz. Granite porphyry matrix is dominated by K-feldspar, whereas in diorite porphyry it is plagioclase. Granite porphyry shows sericite and

carbonate alteration, while diorite porphyry has epidote and carbonate. Multiple direction microfracturing was observed in thin sections of granite porphyry with strong carbonate-sericite alteration.

Gold, silver, and copper mineralization was encountered in all four holes. Mineralization is in form of sulphide-quartz stringers and disseminations in fractured and altered volcanics and intrusives. Morphology of the mineralization is not known, but there is some indication of dips being steep to the north. Mineralized intersections range in width from 0.30 to 1.98 having 0.05 to 0.53 oz/ton Au, 0.07 to 1.01 /ton Ag and 0.03 to 6.92% Cu. The sulphides in drill intersections are dominantly pyrite and minor chalcopryrite with gangue of granular to cherty or ribbon-textured quartz, carbonate and traces of chlorite. Native gold occurs as equant, bleb like inclusions totally enclosed in pyrite, ranging in size from 5 to 15 microns. It is notable that the prevailing network of chalcopryrite filled micro-fractures and grain boundaries do not seem to be the favoured locus for gold concentration.

The mineralized zone at Takla-Rainbow property was tested along the 550 meter strike length down to a depth of 30m with holes spaced 200 meters. In order to further delineate the zone, additional fill-in drilling and undercutting is required.

November 1985

Rad. Pesalj
Rad Pesalj
Project Geologist

STATEMENT OF EXPENDITURES

PERSONNEL

| | | |
|-------------|-------------------------------------|-------------|
| R. Pesalj | July 23-24, Aug. 25-27, Sept. 16-22 | \$ 6,000.00 |
| J. Boutwell | Sept. 16-22 | 770.00 |
| R. Boase | July 12-24, Aug. 10-18, Aug. 25-30 | 2,016.00 |
| D. Dunlop | July 12-24, Aug. 10-18, Aug. 25-30 | 2,016.00 |
| J. Walker | Aug. 10-18, Aug. 25-30 | 1,080.00 |
| M. Hislop | Aug. 10-18, Aug. 25-30 | 1,080.00 |

FOOD & ACCOMODATION

| | | |
|----------------------|-------------------------|----------|
| Camp and hotel costs | 123 man days @ \$40/day | 4,920.00 |
|----------------------|-------------------------|----------|

DIAMOND DRILLING (September 16-22, 1985)

| | | |
|--------------------|----------------------|-----------|
| 4 holes | 311.81m @ \$82.00/m | 25,568.42 |
| Helicopter support | 28 hrs @ \$550.00/hr | 14,000.00 |

GEOPHYSICS (August 25-30, 1985)

| | | |
|--------------------------------------|--|----------|
| 8.75 line km of IP survey (contract) | | 7,417.25 |
|--------------------------------------|--|----------|

ANALYTICAL EXPENSES

| | | |
|----------------------------|--|----------|
| 166 rock samples @ \$14.50 | | 2,407.00 |
| 119 core samples @ \$14.50 | | 1,725.00 |
| 437 soil samples @ \$12.10 | | 5,287.70 |

TRANSPORTATION

| | | |
|---------------------------------|--|---------------|
| Truck 19 days @ \$65.00/day | | 1,950.00 |
| Helicopter 10 hrs @ \$500/hr | | 5,000.00 |
| Report preparation and drafting | | <u>500.00</u> |

TOTAL: \$81,737.37

SCHEDULE "A"

STATEMENT OF EXPENDITURES

Total Assessment Work Value \$81,737.37

Value of work done from July 12 - July 22, 1985

PERSONNEL

| | | | |
|-----------|------------------|---------------------|-------------|
| R. Pesalj | July 12-22, 1985 | 11 days @ \$200/day | \$ 2,200.00 |
| R. Boase | July 12-22, 1985 | 11 days @ \$110/day | 1,210.00 |
| D. Dunlop | July 12-22, 1985 | 11 days @ \$ 72/day | 792.00 |

FOOD & ACCOMODATION

23 man days @ \$40/day 920.00

TRANSPORTATION

11 days @ \$65.00/day for truck 715.00

Value of work done between July 12-22, 1985 \$ 5,837.00

Value of work done after July 22, 1985 \$ 75,900.37

A U T H O R ' S Q U A L I F I C A T I O N S

Radomir Pesalj, B.Sc Geological Engineering 1963, University of Belgrade, Yulgoslavia. Member of the Society of Economic Geologists Inc.

Since graduation worked as mining and exploration geologist on numerous projects throughout Canada. Presently a permanent staff geologist with Imperial Metals Corporation of Vancouver, B.C.

As Project Geologist supervised work on Takla-Rainbow property described in this report.

A P P E N D I X 1

ROCK SAMPLE DESCRIPTIONS

A P P E N D I X I I

ANALYTICAL DATA

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-2 ROCKS P3-4 SOILS -80 MESH AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 18 1985 DATE REPORT MAILED: *July 23/85* ASSAYER: *J. Saundry* . DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION FILE # 85-1446

PAGE 1

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** |
|-------------|-----|------|------|-------|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|----|------|-----|-----|-----|-------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | % | % | % | % | PPM | PPM |
| TRT-P1 | 3 | 1347 | 30 | 293 | 3.4 | 15 | 26 | 737 | 3.20 | 84 | 5 | ND | 1 | 70 | 2 | 2 | 3 | 53 | 1.03 | .24 | 3 | 37 | .49 | 29 | .17 | 13 | .69 | .02 | .16 | 1 | 1100 |
| TR-P2 | 1 | 2 | 25 | 88 | .2 | 122 | 12 | 995 | 2.25 | 5 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 54 | .75 | .18 | 4 | 151 | 2.04 | 71 | .15 | 2 | 1.51 | .04 | .57 | 1 | 4 |
| TR-P3 | 2 | 1576 | 4 | 213 | 2.5 | 13 | 23 | 1661 | 5.78 | 3 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 126 | .88 | .24 | 5 | 18 | 3.03 | 196 | .28 | 3 | 2.70 | .03 | .73 | 1 | 18 |
| TR-P4 | 4 | 20 | 57 | 1449 | 1.0 | 14 | 12 | 6257 | 5.03 | 18 | 5 | ND | 1 | 143 | 6 | 2 | 2 | 83 | 1.49 | .20 | 8 | 10 | 1.60 | 72 | .05 | 10 | 2.06 | .02 | .13 | 1 | 23 |
| TR-P5 | 16 | 150 | 903 | 12456 | 4.5 | 9 | 15 | 2547 | 5.29 | 115 | 5 | ND | 1 | 43 | 97 | 3 | 2 | 13 | 1.68 | .06 | 2 | 2 | .43 | 11 | .01 | 2 | .52 | .01 | .09 | 1 | 250 |
| TR-P6 | 1 | 33 | 3 | 178 | .1 | 7 | 5 | 1038 | 2.24 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 33 | .34 | .19 | 5 | 1 | .41 | 73 | .01 | 3 | .55 | .03 | .11 | 1 | 46 |
| TR-P7 | 5 | 136 | 175 | 3209 | 4.5 | 70 | 27 | 7083 | 4.73 | 44 | 5 | ND | 2 | 98 | 13 | 2 | 2 | 79 | 3.29 | .20 | 3 | 227 | 2.48 | 39 | .10 | 6 | 2.10 | .01 | .13 | 1 | 38 |
| TR-P8 | 1 | 4 | 9 | 148 | .2 | 5 | 13 | 2713 | 3.71 | 2 | 5 | ND | 3 | 167 | 1 | 2 | 2 | 62 | 3.95 | .26 | 8 | 2 | 1.25 | 639 | .04 | 2 | 1.47 | .03 | .23 | 1 | 2 |
| TR-P9 | 2 | 620 | 10 | 242 | 1.0 | 14 | 18 | 2951 | 5.95 | 2 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 53 | 1.06 | .22 | 6 | 23 | 1.82 | 313 | .01 | 3 | 2.03 | .03 | .17 | 1 | 25 |
| TR-P10 | 3 | 9 | 5 | 26 | .1 | 3 | 3 | 418 | 1.39 | 4 | 5 | ND | 2 | 22 | 1 | 3 | 2 | 16 | .21 | .06 | 13 | 1 | .06 | 175 | .01 | 2 | .40 | .06 | .13 | 1 | 2 |
| TR-P11 | 1 | 75 | 7 | 146 | .3 | 12 | 11 | 3261 | 3.79 | 29 | 5 | ND | 3 | 60 | 1 | 2 | 2 | 63 | 3.85 | .26 | 8 | 14 | 1.57 | 182 | .01 | 2 | .99 | .01 | .16 | 1 | 6 |
| TR-P12 | 3 | 91 | 160 | 632 | .8 | 26 | 17 | 2314 | 5.76 | 31 | 5 | ND | 1 | 10 | 2 | 2 | 2 | 108 | .14 | .21 | 5 | 21 | .16 | 203 | .01 | 2 | .66 | .01 | .17 | 1 | 50 |
| TR-P13 | 1 | 34 | 35 | 188 | .1 | 4 | 9 | 3129 | 2.86 | 11 | 5 | ND | 6 | 14 | 1 | 2 | 2 | 30 | .10 | .15 | 20 | 9 | .31 | 136 | .01 | 4 | .75 | .02 | .22 | 1 | 8 |
| TR-P14 | 10 | 59 | 355 | 2143 | 3.5 | 19 | 18 | 962 | 7.15 | 123 | 5 | ND | 1 | 10 | 9 | 2 | 2 | 67 | .22 | .26 | 5 | 19 | .75 | 16 | .02 | 3 | 1.02 | .01 | .22 | 1 | 250 |
| TR-P15 | 2 | 9 | 17 | 301 | .2 | 13 | 11 | 3612 | 3.61 | 12 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 64 | 1.58 | .26 | 12 | 3 | 1.93 | 102 | .01 | 2 | 1.95 | .01 | .20 | 1 | 5 |
| TR-P16 | 23 | 96 | 355 | 17853 | 4.0 | 20 | 17 | 3551 | 2.93 | 88 | 5 | ND | 1 | 87 | 91 | 3 | 3 | 27 | 2.95 | .11 | 5 | 35 | .30 | 19 | .08 | 14 | .37 | .01 | .04 | 8 | 175 |
| TR-P17 | 2 | 101 | 30 | 506 | .2 | 44 | 28 | 2825 | 7.97 | 12 | 5 | ND | 2 | 15 | 2 | 2 | 2 | 159 | .21 | .27 | 18 | 60 | .39 | 68 | .01 | 5 | .85 | .02 | .10 | 1 | 6 |
| TR-P18 | 41 | 39 | 2 | 52 | .1 | 2 | 4 | 584 | 1.38 | 2 | 5 | ND | 5 | 54 | 1 | 2 | 2 | 25 | .48 | .07 | 9 | 1 | .33 | 276 | .06 | 5 | .59 | .05 | .08 | 1 | 2 |
| TR-P19 | 5 | 27 | 34 | 2874 | .9 | 22 | 16 | 7137 | 5.65 | 8 | 6 | ND | 4 | 117 | 19 | 2 | 2 | 86 | 5.48 | .22 | 15 | 21 | 2.61 | 58 | .02 | 2 | 2.59 | .01 | .14 | 1 | 17 |
| TR-P20 | 4 | 258 | 224 | 1574 | 1.8 | 16 | 35 | 6845 | 3.75 | 62 | 5 | ND | 4 | 80 | 8 | 2 | 2 | 47 | 5.82 | .15 | 13 | 4 | .79 | 37 | .01 | 2 | .76 | .01 | .09 | 1 | 135 |
| TR-P21 | 3 | 1586 | 10 | 159 | 4.2 | 11 | 11 | 986 | 2.39 | 2 | 5 | 3 | 1 | 76 | 1 | 2 | 2 | 36 | .64 | .08 | 3 | 29 | .78 | 574 | .08 | 2 | .84 | .01 | .21 | 1 | 3860 |
| TR-P22 | 1 | 7 | 3 | 102 | .1 | 16 | 12 | 1253 | 3.83 | 6 | 5 | ND | 2 | 89 | 1 | 2 | 4 | 98 | 3.30 | .22 | 7 | 67 | 1.26 | 50 | .17 | 3 | 1.00 | .05 | .09 | 1 | 5 |
| TR-P23 | 2 | 122 | 7 | 148 | .3 | 26 | 21 | 1657 | 5.86 | 5 | 5 | ND | 3 | 72 | 1 | 2 | 2 | 116 | 3.65 | .24 | 16 | 41 | 2.50 | 53 | .01 | 4 | 2.12 | .02 | .07 | 1 | 13 |
| TRT-P24 | 2 | 1 | 13 | 149 | .1 | 41 | 19 | 2125 | 4.00 | 2 | 8 | ND | 5 | 284 | 1 | 2 | 2 | 127 | 8.73 | .27 | 6 | 222 | 2.53 | 31 | .01 | 2 | .71 | .01 | .10 | 1 | 2 |
| TR-P25 | 3 | 362 | 33 | 1527 | .4 | 30 | 28 | 4808 | 6.59 | 40 | 5 | ND | 1 | 34 | 6 | 4 | 2 | 85 | .57 | .40 | 15 | 14 | .11 | 250 | .01 | 4 | .60 | .01 | .20 | 1 | 70 |
| TR-P26 | 3 | 317 | 64 | 348 | 2.9 | 21 | 12 | 6051 | 3.33 | 11 | 5 | ND | 3 | 133 | 1 | 2 | 2 | 53 | 4.35 | .16 | 8 | 23 | 1.39 | 116 | .01 | 19 | 1.34 | .02 | .15 | 1 | 28 |
| TRT-P27 | 2 | 45 | 103 | 1225 | 1.0 | 15 | 15 | 4316 | 4.48 | 29 | 5 | ND | 2 | 64 | 8 | 2 | 2 | 76 | 2.75 | .21 | 11 | 15 | 1.47 | 35 | .01 | 4 | 1.51 | .02 | .14 | 1 | 25 |
| TR-P28 | 1 | 23 | 10 | 57 | .1 | 4 | 5 | 678 | 1.59 | 2 | 5 | ND | 10 | 132 | 1 | 2 | 2 | 16 | 3.09 | .13 | 22 | 12 | .49 | 120 | .01 | 2 | .83 | .02 | .24 | 1 | 8 |
| TRT-P29 | 3 | 66 | 11 | 286 | .3 | 14 | 21 | 3981 | 6.48 | 2 | 5 | ND | 1 | 48 | 1 | 2 | 2 | 186 | 1.84 | .24 | 7 | 30 | 3.31 | 37 | .02 | 2 | 3.05 | .02 | .13 | 1 | 3 |
| TRT-P30 | 13 | 23 | 2981 | 4424 | 4.3 | 14 | 18 | 2935 | 5.08 | 54 | 5 | ND | 1 | 92 | 51 | 2 | 3 | 32 | 4.35 | .18 | 6 | 9 | .65 | 25 | .01 | 2 | .58 | .01 | .16 | 1 | 105 |
| TRT-P31 | 2 | 20 | 40 | 916 | .2 | 6 | 12 | 3537 | 3.90 | 14 | 5 | ND | 2 | 49 | 4 | 2 | 2 | 74 | 3.25 | .27 | 11 | 5 | 1.23 | 171 | .01 | 2 | .57 | .02 | .13 | 1 | 6 |
| TRT-P32 | 1 | 55 | 98 | 215 | .1 | 3 | 10 | 1365 | 2.49 | 2 | 5 | ND | 1 | 27 | 2 | 2 | 2 | 14 | 1.17 | .17 | 8 | 1 | .66 | 352 | .01 | 2 | .98 | .02 | .16 | 1 | 2 |
| TRT-P33 | 24 | 958 | 684 | 26403 | 29.2 | 3 | 7 | 2794 | 2.53 | 34 | 5 | 23 | 1 | 4 | 161 | 5 | 5 | 20 | .07 | .02 | 2 | 1 | .33 | 17 | .01 | 2 | .32 | .01 | .02 | 24 | 26100 |
| TRT-P34 | 3 | 53 | 17 | 370 | .7 | 5 | 10 | 2590 | 3.37 | 13 | 5 | ND | 2 | 74 | 1 | 2 | 2 | 27 | 2.70 | .22 | 7 | 5 | .55 | 153 | .01 | 2 | .64 | .03 | .19 | 1 | 44 |
| STD C/FA-AU | 20 | 58 | 41 | 130 | 6.9 | 65 | 26 | 1103 | 3.92 | 38 | 18 | 7 | 37 | 49 | 16 | 15 | 21 | 59 | .48 | .15 | 39 | 57 | .87 | 174 | .07 | 37 | 1.70 | .06 | .11 | 12 | 51 |

| 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 % | M PPM | Au88 PPB |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|
| TR-P35 | 1 | 150 | 12 | 107 | .3 | 23 | 14 | 1683 | 7.74 | 24 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 194 | 1.59 | .23 | 2 | 81 | 3.10 | 207 | .17 | 2 | 3.04 | .03 | 1.26 | 1 | 9 |
| TR-P36 | 1 | 11 | 12 | 93 | .3 | 16 | 7 | 1196 | 2.96 | 12 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 49 | .61 | .11 | 4 | 47 | 1.08 | 68 | .03 | 5 | 1.09 | .05 | 1.25 | 1 | 20 |
| TR-P37 | 1 | 138 | 17 | 131 | .3 | 27 | 25 | 1809 | 9.93 | 32 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 167 | .86 | .22 | 2 | 23 | 3.57 | 294 | .36 | 3 | 4.11 | .02 | 3.10 | 1 | 16 |
| TR-P38 | 96 | 1392 | 10 | 50 | 2.5 | 9 | 29 | 1575 | 3.97 | 73 | 9 | ND | 2 | 55 | 1 | 2 | 2 | 36 | 5.73 | .06 | 5 | 11 | 1.37 | 79 | .01 | 4 | .20 | .01 | .09 | 1 | 75 |
| TR-P39 | 12 | 1299 | 15 | 63 | 3.0 | 5 | 27 | 1699 | 3.23 | 56 | 5 | ND | 2 | 71 | 1 | 5 | 2 | 22 | 5.24 | .17 | 9 | 4 | .82 | 586 | .01 | 13 | .47 | .01 | .32 | 1 | 410 |
| TR-P40 | 3 | 49 | 12 | 96 | .3 | 3 | 14 | 540 | 4.60 | 13 | 5 | ND | 1 | 20 | 1 | 2 | 3 | 42 | .49 | .24 | 4 | 5 | 1.04 | 38 | .01 | 2 | .93 | .04 | .18 | 1 | 8 |
| TR-P41 | 3 | 26 | 13 | 7 | .2 | 5 | 11 | 42 | 4.18 | 2 | 5 | ND | 1 | 6 | 1 | 4 | 2 | 5 | .12 | .13 | 4 | 1 | .04 | 33 | .01 | 2 | .33 | .01 | .21 | 1 | 17 |
| TR-P42 | 2 | 134 | 13 | 109 | .3 | 18 | 16 | 1202 | 3.98 | 3 | 5 | ND | 1 | 76 | 1 | 2 | 4 | 60 | .68 | .14 | 3 | 30 | 2.00 | 399 | .18 | 4 | 2.07 | .07 | .19 | 1 | 11 |
| TR-P43 | 1 | 60 | 9 | 133 | .1 | 11 | 16 | 1521 | 4.47 | 7 | 5 | ND | 1 | 87 | 1 | 2 | 5 | 147 | .90 | .30 | 4 | 8 | 2.17 | 215 | .23 | 6 | 2.14 | .04 | .21 | 1 | 1 |
| TR-P44 | 1 | 6 | 8 | 85 | .1 | 51 | 12 | 1083 | 3.82 | 16 | 5 | ND | 1 | 101 | 1 | 2 | 2 | 106 | 1.47 | .19 | 4 | 73 | 1.70 | 123 | .23 | 2 | 1.54 | .05 | .57 | 1 | 8 |
| TR-P45 | 1 | 3 | 3 | 80 | .1 | 50 | 10 | 1456 | 3.22 | 18 | 6 | ND | 1 | 100 | 1 | 2 | 2 | 60 | 3.27 | .20 | 6 | 90 | 1.72 | 116 | .09 | 5 | 1.56 | .05 | .16 | 1 | 4 |
| TR-P46 | 1 | 7 | 11 | 64 | .1 | 69 | 10 | 814 | 2.18 | 15 | 5 | ND | 1 | 184 | 1 | 2 | 3 | 60 | 1.50 | .18 | 4 | 97 | 1.29 | 55 | .19 | 8 | 1.30 | .07 | .25 | 1 | 1 |
| TR-P47 | 6 | 59 | 20 | 80 | .3 | 5 | 13 | 753 | 9.21 | 18 | 5 | ND | 1 | 10 | 1 | 2 | 3 | 33 | .07 | .18 | 2 | 11 | 1.37 | 95 | .01 | 6 | 1.37 | .02 | .12 | 1 | 23 |
| TR-P48 | 30 | 312 | 7 | 63 | .1 | 2 | 21 | 254 | 10.38 | 18 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 46 | .03 | .56 | 5 | 5 | .06 | 1100 | .01 | 10 | .60 | .01 | .24 | 1 | 1 |
| TR-P49 | 89 | 165 | 17 | 146 | .4 | 6 | 20 | 654 | 15.32 | 59 | 5 | ND | 2 | 42 | 1 | 2 | 3 | 86 | .02 | .27 | 2 | 4 | .18 | 439 | .02 | 4 | 1.09 | .01 | .18 | 1 | 3 |
| TR-P50 | 6 | 353 | 13 | 126 | .4 | 51 | 27 | 2019 | 4.51 | 15 | 7 | ND | 4 | 128 | 1 | 2 | 2 | 138 | 8.84 | .15 | 9 | 170 | 2.05 | 171 | .01 | 6 | .98 | .02 | .03 | 1 | 6 |
| TR-P51 | 9 | 21 | 7 | 86 | .1 | 90 | 14 | 928 | 4.37 | 17 | 5 | ND | 1 | 59 | 1 | 2 | 3 | 76 | .87 | .17 | 5 | 99 | 1.92 | 122 | .17 | 3 | 1.67 | .04 | .11 | 1 | 1 |
| TR-P52 | 1 | 8 | 2 | 81 | .1 | 77 | 13 | 680 | 2.14 | 11 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 34 | 1.95 | .13 | 7 | 60 | 1.70 | 286 | .12 | 2 | 1.68 | .04 | .77 | 1 | 1 |
| TR-P53 | 1 | 6 | 3 | 78 | .1 | 173 | 18 | 927 | 3.33 | 15 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 85 | .81 | .19 | 5 | 213 | 2.39 | 92 | .21 | 2 | 1.83 | .06 | .33 | 1 | 1 |
| TR-P54 | 1 | 8 | 7 | 64 | .1 | 44 | 7 | 1032 | 2.92 | 17 | 5 | ND | 1 | 75 | 1 | 2 | 2 | 57 | 2.33 | .16 | 9 | 79 | 1.25 | 103 | .04 | 2 | 1.19 | .05 | .13 | 1 | 2 |
| TR-P55 | 1 | 3 | 13 | 74 | .1 | 58 | 9 | 1031 | 3.50 | 16 | 5 | ND | 1 | 55 | 1 | 2 | 2 | 98 | 1.78 | .16 | 11 | 76 | 1.80 | 191 | .09 | 6 | 1.70 | .05 | .60 | 1 | 1 |
| TR-P56 | 13 | 636 | 30 | 22 | 7.3 | 5 | 15 | 144 | 10.23 | 23 | 5 | ND | 10 | 713 | 2 | 2 | 2 | 115 | .07 | .16 | 17 | 42 | .12 | 57 | .06 | 2 | .45 | .14 | .93 | 1 | 615 |
| TR-P57 | 2 | 94 | 6 | 10 | .1 | 7 | 5 | 512 | .81 | 2 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 11 | .04 | .01 | 2 | 5 | .21 | 35 | .01 | 2 | .20 | .01 | .02 | 1 | 36 |
| TR-P58 | 3 | 1419 | 6 | 58 | 4.2 | 43 | 22 | 1072 | 3.60 | 56 | 5 | ND | 1 | 62 | 1 | 2 | 2 | 15 | 2.26 | .13 | 5 | 33 | .84 | 337 | .01 | 5 | .51 | .02 | .27 | 1 | 34 |
| TR-P59 | 4 | 184 | 3 | 73 | .2 | 21 | 28 | 788 | 3.47 | 10 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 68 | .74 | .21 | 8 | 22 | 1.13 | 673 | .11 | 5 | 1.59 | .03 | .88 | 1 | 9 |
| TR-P60 | 7 | 14 | 18 | 59 | 1.5 | 9 | 6 | 1282 | 2.21 | 5 | 6 | ND | 1 | 120 | 1 | 2 | 2 | 8 | 4.54 | .06 | 2 | 3 | 1.03 | 941 | .01 | 6 | .20 | .01 | .13 | 1 | 15 |
| TR-P61 | 2 | 593 | 15 | 90 | .4 | 11 | 21 | 1473 | 8.11 | 23 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 86 | 1.91 | .23 | 8 | 5 | 1.65 | 160 | .06 | 2 | 1.71 | .02 | .48 | 2 | 23 |
| TR-P62 | 2 | 117 | 11 | 76 | .1 | 9 | 12 | 1560 | 4.35 | 10 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 52 | 1.88 | .22 | 6 | 5 | .64 | 273 | .01 | 4 | .70 | .02 | .27 | 1 | 3 |
| TR-P63 | 1 | 760 | 6 | 29 | .3 | 9 | 21 | 291 | 5.42 | 9 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 21 | .16 | .16 | 3 | 6 | 1.90 | 49 | .01 | 3 | 1.63 | .01 | .13 | 1 | 15 |
| TR-P64 | 3 | 38 | 3 | 45 | .2 | 10 | 9 | 460 | 3.84 | 11 | 5 | ND | 1 | 224 | 1 | 2 | 2 | 19 | .06 | .19 | 24 | 4 | 1.43 | 111 | .01 | 7 | 1.52 | .01 | .14 | 1 | 13 |
| TR-P65 | 2 | 17 | 7 | 20 | .2 | 8 | 14 | 186 | 5.21 | 3 | 5 | ND | 1 | 12 | 1 | 3 | 2 | 10 | .21 | .22 | 3 | 2 | .65 | 31 | .01 | 2 | .84 | .01 | .19 | 1 | 8 |
| TR-P66 | 1 | 9 | 2 | 1 | .1 | 3 | 1 | 35 | .28 | 2 | 5 | ND | 1 | 181 | 1 | 3 | 2 | 5 | .13 | .11 | 2 | 1 | .02 | 67 | .01 | 3 | .19 | .01 | .07 | 1 | 1 |
| TR-P67 | 1 | 17 | 10 | 38 | .1 | 6 | 13 | 483 | 5.19 | 7 | 5 | ND | 1 | 69 | 1 | 2 | 2 | 40 | .51 | .20 | 5 | 6 | 1.17 | 21 | .03 | 4 | 1.32 | .05 | .12 | 1 | 9 |
| TR-P68 | 1 | 21 | 3 | 2 | .1 | 2 | 6 | 20 | 1.80 | 3 | 5 | ND | 1 | 10 | 1 | 8 | 2 | 4 | .01 | .06 | 3 | 1 | .01 | 36 | .01 | 2 | .16 | .01 | .08 | 1 | 6 |
| TR-P69 | 3 | 30 | 14 | 29 | .1 | 6 | 13 | 321 | 4.92 | 9 | 5 | ND | 1 | 18 | 1 | 2 | 4 | 19 | .63 | .25 | 9 | 5 | 1.17 | 39 | .17 | 10 | 1.10 | .02 | .29 | 1 | 7 |
| TR-P70 | 30 | 1947 | 8 | 61 | 2.8 | 7 | 34 | 527 | 5.22 | 11 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 26 | .40 | .18 | 3 | 3 | 1.97 | 23 | .14 | 2 | 1.72 | .02 | .24 | 1 | 53 |
| STD C/FA-AU | 21 | 61 | 41 | 135 | 6.9 | 67 | 28 | 1229 | 3.97 | 38 | 19 | 8 | 38 | 55 | 17 | 16 | 20 | 62 | .48 | .15 | 40 | 61 | .88 | 183 | .08 | 38 | 1.72 | .06 | .11 | 12 | 49 |

IMPERIAL METALS FILE # 85-1584

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Ti | B | Al | Na | K | W | Au** |
|-------------|-----|-------|-----|-----|------|-----|-----|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|------|------|-----|-----|------|-----|------|-----|------|
| | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | % | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | % | % | PPH | PPH | % | PPH | % | PPH | % | % | % | PPH | PPB |
| TR-P71 | 1 | 16 | 9 | 36 | .1 | 4 | 11 | 506 | 4.26 | 9 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 31 | 1.57 | .22 | 4 | 3 | 1.54 | 79 | .05 | 2 | 1.35 | .11 | .18 | 1 | 6 |
| TR-P72 | 6 | 31 | 2 | 6 | .4 | 6 | 13 | 24 | 4.32 | 24 | 5 | ND | 1 | 4 | 1 | 3 | 2 | 6 | .02 | .08 | 2 | 1 | .05 | 29 | .01 | 2 | .39 | .01 | .27 | 1 | 26 |
| TR-P73 | 1 | 18 | 10 | 47 | .1 | 3 | 12 | 450 | 4.03 | 6 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 28 | .87 | .24 | 6 | 3 | 1.48 | 72 | .01 | 2 | 1.35 | .08 | .22 | 1 | 11 |
| TR-P74 | 2 | 21 | 6 | 140 | .1 | 2 | 7 | 2085 | 3.51 | 13 | 5 | ND | 1 | 100 | 1 | 2 | 3 | 57 | 1.10 | .23 | 6 | 8 | 2.15 | 202 | .15 | 4 | 2.26 | .11 | .08 | 1 | 3 |
| TR-P75 | 2 | 561 | 14 | 62 | 1.6 | 2 | 13 | 1104 | 5.87 | 15 | 5 | ND | 1 | 88 | 1 | 2 | 2 | 44 | .99 | .20 | 2 | 3 | 1.00 | 44 | .19 | 2 | 1.11 | .08 | .14 | 1 | 11 |
| TR-P76 | 4 | 18 | 5 | 143 | .2 | 22 | 66 | 1799 | 6.84 | 39 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 77 | .96 | .29 | 2 | 27 | 2.96 | 54 | .13 | 2 | 2.77 | .05 | .40 | 1 | 40 |
| TR-P77 | 11 | 58 | 62 | 50 | 1.8 | 9 | 69 | 402 | 7.75 | 105 | 5 | 5 | 1 | 7 | 1 | 3 | 2 | 44 | .07 | .06 | 2 | 9 | .42 | 36 | .01 | 4 | .54 | .01 | .11 | 4 | 3510 |
| TR-P78 | 20 | 25658 | 23 | 334 | 18.4 | 7 | 337 | 620 | 12.99 | 330 | 5 | ND | 1 | 8 | 3 | 2 | 2 | 51 | .09 | .32 | 2 | 5 | 1.18 | 20 | .02 | 5 | 1.40 | .01 | .29 | 1 | 910 |
| TR-P79 | 3 | 83 | 13 | 45 | .3 | 5 | 7 | 1263 | 2.40 | 9 | 7 | ND | 2 | 120 | 1 | 3 | 2 | 10 | 5.07 | .06 | 2 | 3 | 1.27 | 1085 | .01 | 3 | .16 | .01 | .11 | 1 | 55 |
| TR-P80 | 8 | 5469 | 9 | 27 | 7.6 | 4 | 61 | 96 | 4.28 | 109 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 15 | .17 | .22 | 2 | 2 | .09 | 46 | .01 | 3 | .41 | .01 | .31 | 1 | 290 |
| TR-P81 | 1 | 94 | 7 | 129 | .3 | 10 | 73 | 1263 | 6.52 | 21 | 5 | ND | 1 | 38 | 1 | 2 | 4 | 81 | 1.10 | .27 | 18 | 8 | 1.35 | 58 | .13 | 2 | 1.50 | .01 | 1.16 | 1 | 55 |
| TR-P82 | 3 | 43 | 20 | 130 | .2 | 6 | 10 | 2569 | 4.80 | 29 | 5 | ND | 7 | 110 | 1 | 2 | 2 | 39 | 14.09 | .03 | 5 | 2 | 5.23 | 187 | .01 | 2 | .30 | .07 | .14 | 1 | 12 |
| TR-P83 | 2 | 715 | 2 | 174 | .9 | 27 | 32 | 2573 | 8.51 | 26 | 6 | ND | 1 | 81 | 1 | 2 | 2 | 121 | 1.88 | .14 | 2 | 8 | 3.12 | 53 | .08 | 2 | 2.60 | .01 | .12 | 1 | 75 |
| TR-P84 | 1 | 14 | 6 | 61 | .1 | 1 | 5 | 687 | 2.11 | 7 | 5 | ND | 4 | 49 | 1 | 3 | 2 | 28 | 1.58 | .09 | 8 | 3 | .58 | 92 | .01 | 2 | .68 | .06 | .15 | 1 | 4 |
| TR-P85 | 4 | 886 | 13 | 72 | 1.0 | 45 | 32 | 876 | 14.29 | 20 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 188 | .61 | .20 | 2 | 27 | 2.23 | 557 | .21 | 4 | 2.95 | .05 | 1.77 | 1 | 45 |
| TR-P86 | 1 | 80 | 8 | 38 | .1 | 24 | 11 | 474 | 3.32 | 9 | 5 | ND | 1 | 203 | 1 | 2 | 3 | 103 | 2.11 | .28 | 3 | 43 | 1.30 | 54 | .20 | 5 | 1.65 | .11 | .11 | 1 | 35 |
| TR-P87 | 1 | 30 | 2 | 52 | .1 | 6 | 5 | 984 | 1.87 | 4 | 5 | ND | 10 | 77 | 1 | 3 | 2 | 18 | 2.38 | .15 | 30 | 12 | .24 | 151 | .03 | 2 | .69 | .04 | .43 | 1 | 2 |
| TR-P88 | 2 | 45 | 8 | 190 | .6 | 19 | 52 | 2972 | 9.08 | 43 | 5 | ND | 1 | 98 | 1 | 2 | 2 | 103 | 3.08 | .28 | 9 | 24 | 3.11 | 78 | .06 | 4 | 2.91 | .04 | .20 | 1 | 56 |
| TR-P89 | 2 | 42 | 6 | 79 | .4 | 26 | 26 | 1398 | 4.95 | 16 | 5 | ND | 1 | 83 | 1 | 2 | 3 | 70 | 1.15 | .19 | 2 | 34 | 1.90 | 43 | .22 | 4 | 1.71 | .08 | .14 | 1 | 70 |
| TR-P90 | 2 | 14 | 11 | 93 | .2 | 61 | 25 | 1679 | 6.36 | 29 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 63 | 1.30 | .33 | 2 | 191 | 2.31 | 24 | .13 | 11 | 1.75 | .05 | .07 | 1 | 19 |
| TR-P91 | 2 | 16 | 2 | 74 | .1 | 11 | 12 | 958 | 3.31 | 16 | 5 | ND | 1 | 95 | 1 | 3 | 6 | 91 | 1.25 | .27 | 2 | 8 | 1.44 | 98 | .27 | 4 | 1.64 | .05 | .39 | 1 | 12 |
| TR-P92 | 2 | 39 | 11 | 89 | .1 | 3 | 8 | 1009 | 3.20 | 7 | 5 | ND | 1 | 106 | 1 | 2 | 2 | 41 | .90 | .20 | 2 | 7 | 1.59 | 79 | .16 | 2 | 1.73 | .18 | .13 | 1 | 1 |
| TR-P93 | 1 | 26 | 2 | 91 | .1 | 4 | 10 | 1136 | 3.70 | 9 | 5 | ND | 1 | 85 | 1 | 2 | 4 | 57 | .80 | .20 | 2 | 7 | 2.56 | 79 | .17 | 2 | 2.11 | .14 | .23 | 1 | 1 |
| TR-P94 | 2 | 96 | 2 | 75 | .2 | 2 | 9 | 888 | 3.31 | 5 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 40 | .58 | .21 | 2 | 6 | 2.28 | 139 | .15 | 2 | 2.22 | .08 | .25 | 1 | 2 |
| TR-P95 | 21 | 35 | 6 | 16 | .2 | 1 | 8 | 139 | 4.43 | 2 | 5 | ND | 2 | 36 | 1 | 4 | 2 | 30 | .16 | .16 | 4 | 4 | .28 | 67 | .13 | 2 | .53 | .06 | .17 | 1 | 13 |
| TR-P96 | 3 | 24 | 4 | 16 | .1 | 1 | 6 | 152 | 4.79 | 2 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 30 | .26 | .26 | 2 | 2 | .38 | 135 | .19 | 3 | 1.02 | .12 | .33 | 1 | 17 |
| TR-P97 | 5 | 22 | 5 | 36 | .2 | 2 | 12 | 480 | 3.75 | 6 | 5 | ND | 1 | 60 | 1 | 2 | 4 | 37 | .81 | .20 | 2 | 5 | .96 | 66 | .17 | 5 | 1.12 | .08 | .24 | 1 | 15 |
| TR-P98 | 4 | 27 | 2 | 17 | .2 | 5 | 15 | 333 | 3.95 | 2 | 5 | ND | 1 | 100 | 1 | 3 | 2 | 38 | 1.07 | .24 | 2 | 4 | .45 | 91 | .19 | 2 | .89 | .10 | .20 | 1 | 9 |
| TR-P99 | 3 | 39 | 11 | 39 | .1 | 4 | 12 | 354 | 4.58 | 7 | 5 | ND | 1 | 54 | 1 | 2 | 3 | 42 | .37 | .22 | 2 | 7 | 1.42 | 41 | .09 | 3 | 1.72 | .14 | .18 | 1 | 6 |
| TR-P100 | 1 | 93 | 6 | 14 | .1 | 6 | 17 | 89 | 7.98 | 8 | 5 | ND | 2 | 40 | 1 | 2 | 3 | 28 | .82 | .04 | 2 | 2 | 1.13 | 61 | .01 | 2 | 1.71 | .02 | .21 | 1 | 18 |
| TR-P101 | 2 | 31 | 12 | 39 | .1 | 4 | 12 | 327 | 7.19 | 8 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 25 | .13 | .18 | 5 | 6 | 1.46 | 56 | .01 | 3 | 1.92 | .09 | .17 | 1 | 9 |
| TR-P102 | 2 | 105 | 2 | 75 | .1 | 76 | 31 | 939 | 3.91 | 3 | 5 | ND | 1 | 100 | 1 | 2 | 2 | 86 | 1.03 | .22 | 2 | 84 | 2.17 | 167 | .22 | 3 | 2.49 | .05 | .99 | 1 | 4 |
| TR-P103 | 1 | 8 | 9 | 60 | .1 | 73 | 6 | 782 | 2.01 | 6 | 5 | ND | 1 | 102 | 1 | 2 | 2 | 57 | .98 | .14 | 2 | 95 | 1.15 | 79 | .14 | 2 | 1.37 | .10 | .17 | 1 | 1 |
| TR-P104 | 1 | 5 | 3 | 59 | .1 | 47 | 7 | 777 | 2.28 | 13 | 5 | ND | 1 | 187 | 1 | 2 | 2 | 56 | 1.24 | .17 | 4 | 56 | 1.06 | 52 | .12 | 4 | 1.27 | .06 | .09 | 1 | 3 |
| TR-P105 | 3 | 362 | 10 | 111 | .5 | 62 | 36 | 1952 | 6.00 | 18 | 7 | ND | 3 | 113 | 1 | 2 | 2 | 104 | 5.35 | .24 | 2 | 43 | 2.30 | 80 | .21 | 2 | 2.69 | .03 | 1.99 | 2 | 23 |
| TR-P106 | 3 | 143 | 2 | 35 | .2 | 8 | 9 | 685 | 2.09 | 4 | 5 | ND | 2 | 21 | 1 | 4 | 2 | 30 | .29 | .10 | 9 | 6 | .29 | 77 | .01 | 2 | .53 | .08 | .19 | 1 | 22 |
| STD C/FA-AU | 21 | 60 | 39 | 138 | 6.6 | 68 | 26 | 1188 | 3.95 | 40 | 17 | 8 | 37 | 51 | 17 | 15 | 22 | 60 | .48 | .15 | 37 | 59 | .88 | 171 | .08 | 37 | 1.71 | .06 | .13 | 11 | 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 % | N PPM | Au11 PPB |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|
| TR-P107 | 1 | 291 | 3 | 93 | .3 | 21 | 27 | 1227 | 4.99 | 27 | 5 | ND | 1 | 112 | 1 | 2 | 2 | 134 | 1.53 | .34 | 2 | 23 | 1.90 | 39 | .16 | 2 | 1.78 | .04 | .08 | 1 | 47 |
| TR-P108 | 2 | 3474 | 6 | 148 | 3.9 | 25 | 29 | 1846 | 8.07 | 24 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 150 | .98 | .27 | 3 | 25 | 2.54 | 486 | .20 | 2 | 2.94 | .02 | 1.68 | 1 | 155 |
| TR-P109 | 1 | 19 | 2 | 119 | .2 | 17 | 16 | 1240 | 5.18 | 13 | 5 | ND | 1 | 32 | 1 | 2 | 3 | 57 | 1.02 | .16 | 4 | 10 | 1.78 | 213 | .05 | 3 | 1.86 | .02 | .57 | 1 | 2 |
| TR-P110 | 5 | 1379 | 4 | 126 | 2.6 | 22 | 22 | 1928 | 7.99 | 29 | 6 | ND | 1 | 125 | 1 | 2 | 2 | 104 | 1.29 | .19 | 2 | 32 | 2.10 | 184 | .15 | 2 | 2.05 | .03 | .52 | 1 | 260 |
| TR-P111 | 4 | 186 | 5 | 23 | .1 | 3 | 12 | 261 | 2.42 | 20 | 5 | ND | 4 | 36 | 1 | 4 | 2 | 20 | .18 | .10 | 14 | 2 | .05 | 886 | .01 | 5 | .33 | .01 | .24 | 1 | 19 |
| TR-P112 | 3 | 11 | 4 | 15 | .2 | 1 | 3 | 355 | 1.44 | 24 | 5 | ND | 1 | 187 | 1 | 2 | 2 | 49 | 1.51 | .05 | 3 | 3 | .32 | 14 | .04 | 11 | 1.20 | .01 | .02 | 1 | 6 |
| TR-P113 | 2 | 471 | 24 | 155 | 60.0 | 66 | 60 | 2254 | 12.98 | 33 | 6 | 155 | 1 | 28 | 1 | 2 | 10 | 114 | .56 | .24 | 4 | 271 | 3.54 | 11 | .22 | 2 | 3.13 | .01 | 1.13 | 1 | 138000 |
| TR-P114 | 4 | 13 | 3 | 120 | 2.0 | 15 | 38 | 1331 | 6.50 | 32 | 5 | 5 | 1 | 104 | 1 | 2 | 2 | 88 | .91 | .19 | 2 | 29 | 2.25 | 25 | .14 | 12 | 2.22 | .01 | .20 | 1 | 4280 |
| TR-P115 | 1 | 29 | 14 | 100 | .5 | 18 | 16 | 1723 | 5.25 | 9 | 5 | ND | 1 | 81 | 1 | 2 | 2 | 122 | 1.97 | .27 | 9 | 21 | 1.74 | 241 | .07 | 3 | 1.59 | .04 | .75 | 1 | 780 |
| TR-P116 | 1 | 111 | 3 | 139 | .2 | 46 | 23 | 1553 | 4.67 | 16 | 5 | ND | 1 | 123 | 1 | 3 | 2 | 120 | 1.79 | .30 | 5 | 60 | 2.76 | 87 | .18 | 2 | 2.24 | .03 | .20 | 1 | 70 |
| TR-P117 | 1 | 10 | 3 | 47 | .2 | 9 | 6 | 421 | 1.89 | 10 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 18 | .21 | .10 | 2 | 27 | .43 | 196 | .01 | 13 | .57 | .06 | .14 | 1 | 105 |
| TR-P118 | 1 | 23 | 9 | 166 | .2 | 14 | 23 | 2274 | 6.10 | 21 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 142 | 1.99 | .24 | 4 | 7 | 2.82 | 47 | .17 | 3 | 2.67 | .02 | .78 | 1 | 28 |
| TR-P119 | 4 | 418 | 4 | 104 | .3 | 11 | 26 | 1540 | 8.57 | 10 | 5 | ND | 1 | 11 | 1 | 2 | 6 | 91 | .36 | .21 | 14 | 24 | 1.69 | 104 | .01 | 2 | 1.66 | .02 | .17 | 1 | 60 |
| TR-P120 | 24 | 15 | 11 | 172 | .1 | 17 | 23 | 2060 | 10.52 | 17 | 5 | ND | 1 | 10 | 1 | 2 | 5 | 119 | .27 | .19 | 12 | 38 | 1.15 | 60 | .01 | 2 | 1.29 | .03 | .11 | 1 | 36 |
| TR-P121 | 2 | 786 | 5 | 16 | 3.2 | 13 | 37 | 278 | 9.00 | 23 | 5 | 5 | 1 | 152 | 1 | 2 | 2 | 50 | .81 | .09 | 2 | 5 | .18 | 16 | .13 | 2 | .59 | .01 | .04 | 1 | 6540 |
| TR-P122 | 10 | 855 | 2 | 35 | 1.7 | 7 | 22 | 615 | 6.15 | 25 | 5 | ND | 1 | 88 | 1 | 2 | 3 | 84 | .82 | .13 | 5 | 14 | .68 | 30 | .21 | 2 | .88 | .02 | .17 | 1 | 420 |
| TR-P123 | 1 | 133 | 5 | 109 | .4 | 15 | 24 | 1488 | 6.30 | 22 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 158 | .70 | .17 | 3 | 26 | 2.52 | 36 | .27 | 2 | 2.27 | .02 | .99 | 1 | 85 |
| TR-P124 | 2 | 118 | 2 | 101 | .4 | 31 | 25 | 1415 | 6.13 | 24 | 5 | ND | 1 | 79 | 1 | 2 | 2 | 111 | .97 | .25 | 3 | 29 | 1.96 | 73 | .13 | 5 | 1.83 | .02 | .35 | 1 | 53 |
| TR-P125 | 1 | 53 | 9 | 66 | .3 | 14 | 25 | 1339 | 3.84 | 18 | 5 | ND | 1 | 116 | 1 | 3 | 4 | 79 | 1.46 | .18 | 2 | 14 | 1.40 | 50 | .15 | 3 | 1.59 | .01 | .13 | 1 | 105 |
| STD C/FA-MU | 20 | 57 | 40 | 135 | 7.1 | 70 | 26 | 1165 | 3.94 | 41 | 16 | 7 | 36 | 51 | 17 | 15 | 20 | 58 | .48 | .14 | 38 | 63 | .88 | 178 | .08 | 40 | 1.72 | .06 | .13 | 11 | 52 |

IMPERIAL METALS CORPORATION PROJECT-4117 FILE # 85-1994

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** |
|-------------|-----|------|-----|------|-------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|-----|-----|------|-----|------|-----|------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | PPM | % | % | % | PPM | PPB |
| TR-B1 | 1 | 700 | 8 | 72 | .2 | 8 | 8 | 1620 | 2.37 | 2 | 5 | ND | 1 | 166 | 1 | 2 | 2 | 63 | 3.14 | .17 | 5 | 38 | .53 | 102 | .19 | 5 | 1.28 | .01 | .30 | 1 | 22 |
| TR-B2 | 1 | 223 | 10 | 81 | .1 | 11 | 14 | 1601 | 2.33 | 3 | 5 | ND | 1 | 208 | 1 | 2 | 2 | 68 | 3.37 | .17 | 4 | 37 | .62 | 104 | .19 | 10 | 1.53 | .01 | .32 | 1 | 8 |
| TR-B3 | 1 | 1002 | 4 | 96 | .4 | 11 | 12 | 1696 | 2.63 | 2 | 5 | ND | 1 | 123 | 1 | 2 | 2 | 63 | 2.01 | .18 | 3 | 49 | .79 | 142 | .20 | 6 | 1.32 | .01 | .46 | 1 | 35 |
| TR-B4 | 7 | 73 | 2 | 29 | .1 | 3 | 8 | 497 | 2.33 | 3 | 5 | ND | 1 | 178 | 1 | 2 | 2 | 38 | 1.86 | .17 | 5 | 2 | .84 | 199 | .15 | 4 | 1.87 | .01 | .36 | 1 | 13 |
| TR-B5 | 25 | 46 | 2 | 85 | .2 | 8 | 12 | 735 | 3.15 | 13 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 46 | 1.09 | .23 | 3 | 9 | 1.23 | 65 | .11 | 6 | 1.42 | .10 | .26 | 1 | 20 |
| TR-B6 | 3 | 1793 | 4 | 159 | 3.8 | 46 | 28 | 1635 | 8.96 | 28 | 5 | 2 | 1 | 20 | 1 | 2 | 2 | 115 | .46 | .23 | 5 | 99 | 3.50 | 20 | .14 | 2 | 3.14 | .02 | .68 | 1 | 1750 |
| TR-B7 | 3 | 14 | 2 | 91 | .1 | 13 | 18 | 981 | 4.62 | 10 | 5 | ND | 1 | 56 | 1 | 2 | 2 | 60 | .82 | .25 | 4 | 6 | 1.36 | 58 | .18 | 2 | 1.51 | .01 | .22 | 1 | 95 |
| TR-B8 | 1 | 27 | 3 | 95 | .1 | 6 | 16 | 1160 | 4.77 | 9 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 89 | 1.99 | .23 | 9 | 6 | 1.43 | 47 | .04 | 6 | 1.42 | .02 | .31 | 1 | 70 |
| TR-P126 | 1 | 31 | 3 | 31 | .1 | 3 | 5 | 425 | 3.39 | 2 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 62 | .35 | .25 | 5 | 3 | .10 | 156 | .05 | 10 | .72 | .01 | .40 | 1 | 1 |
| TR-P127 | 3 | 89 | 5 | 160 | .1 | 16 | 14 | 1292 | 3.15 | 2 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 37 | 1.44 | .12 | 14 | 12 | .93 | 175 | .01 | 2 | .90 | .03 | .18 | 1 | 6 |
| TR-P128 | 2 | 13 | 12 | 18 | .1 | 3 | 12 | 414 | 2.65 | 16 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 56 | .76 | .20 | 4 | 5 | .43 | 55 | .20 | 9 | .60 | .03 | .16 | 2 | 22 |
| TR-P129 | 1 | 158 | 6 | 72 | .1 | 25 | 18 | 896 | 3.21 | 8 | 5 | ND | 1 | 146 | 1 | 2 | 2 | 98 | 2.17 | .31 | 4 | 32 | 1.68 | 50 | .23 | 2 | 1.67 | .05 | .16 | 1 | 7 |
| TR-P130 | 1 | 4 | 11 | 76 | .1 | 7 | 6 | 970 | 2.13 | 2 | 5 | ND | 4 | 53 | 1 | 2 | 2 | 23 | .52 | .09 | 12 | 13 | .72 | 79 | .01 | 2 | 1.09 | .05 | .12 | 1 | 1 |
| TR-P131 | 1 | 47 | 2 | 21 | .4 | 13 | 15 | 770 | 2.05 | 4 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 6 | .24 | .09 | 4 | 5 | .09 | 94 | .01 | 2 | .51 | .04 | .24 | 1 | 60 |
| TR-P132 | 2 | 11 | 15 | 145 | .1 | 13 | 21 | 4843 | 4.17 | 25 | 5 | ND | 1 | 124 | 1 | 2 | 2 | 90 | 1.75 | .18 | 2 | 11 | 1.91 | 173 | .22 | 321 | 2.22 | .01 | .28 | 1 | 55 |
| TR-P133 | 1 | 2 | 3 | 124 | .1 | 10 | 12 | 1787 | 3.71 | 12 | 5 | ND | 1 | 175 | 1 | 2 | 2 | 115 | 3.48 | .25 | 2 | 11 | 2.16 | 53 | .20 | 4 | 2.07 | .05 | .30 | 1 | 41 |
| TR-P134 | 1 | 37 | 4 | 123 | .1 | 22 | 21 | 2164 | 5.38 | 16 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 143 | 1.13 | .18 | 2 | 38 | 2.83 | 35 | .28 | 2 | 2.38 | .04 | .27 | 1 | 44 |
| TR-P135 | 1 | 8 | 4 | 102 | .1 | 27 | 20 | 1829 | 4.71 | 9 | 5 | ND | 1 | 167 | 1 | 2 | 2 | 73 | 4.22 | .15 | 3 | 49 | 2.04 | 50 | .16 | 3 | 2.14 | .01 | .06 | 1 | 105 |
| TR-P136 | 7 | 51 | 2 | 11 | .1 | 1 | 5 | 119 | 3.86 | 3 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 11 | .05 | .08 | 2 | 2 | .06 | 106 | .01 | 2 | .25 | .01 | .05 | 1 | 2 |
| TR-P137 | 2 | 36 | 72 | 2368 | 1.5 | 4 | 2 | 3196 | 1.31 | 3 | 5 | ND | 1 | 16 | 5 | 7 | 2 | 9 | .86 | .02 | 3 | 2 | .21 | 68 | .01 | 39 | .25 | .01 | .01 | 1 | 6 |
| TR-P138 | 2 | 11 | 2 | 86 | .1 | 5 | 10 | 880 | 2.44 | 2 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 34 | 1.05 | .18 | 5 | 4 | 1.32 | 64 | .11 | 6 | 1.25 | .05 | .12 | 1 | 3 |
| TR-P139 | 1 | 1 | 2 | 24 | .1 | 1 | 1 | 50 | .17 | 2 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 3 | .03 | .03 | 2 | 3 | .01 | 32 | .01 | 2 | .33 | .01 | .10 | 1 | 2 |
| TR-P140 | 4 | 623 | 169 | 101 | 415.7 | 2 | 3 | 107 | 1.78 | 474 | 5 | 9 | 1 | 60 | 1 | 240 | 2 | 5 | .09 | .13 | 8 | 2 | .04 | 1613 | .01 | 5 | .30 | .01 | .12 | 1 | 9950 |
| TR-P141 | 1 | 1 | 6 | 122 | .4 | 58 | 8 | 934 | 2.23 | 3 | 5 | ND | 1 | 134 | 1 | 2 | 5 | 71 | 1.06 | .17 | 4 | 103 | 1.14 | 73 | .17 | 5 | 1.32 | .05 | .06 | 1 | 14 |
| TR-P142 | 2 | 175 | 7 | 75 | 1.9 | 5 | 23 | 738 | 3.64 | 4 | 5 | ND | 3 | 42 | 1 | 2 | 2 | 51 | .89 | .18 | 9 | 1 | .77 | 149 | .03 | 2 | 1.15 | .04 | .24 | 1 | 33 |
| TR-P143 | 2 | 88 | 2 | 131 | .2 | 10 | 18 | 1809 | 5.73 | 8 | 5 | ND | 1 | 52 | 1 | 2 | 2 | 115 | 1.84 | .16 | 11 | 22 | 1.76 | 188 | .06 | 2 | 1.86 | .03 | .44 | 1 | 12 |
| TR-P144 | 2 | 180 | 4 | 94 | .6 | 47 | 18 | 1145 | 3.61 | 6 | 5 | ND | 1 | 118 | 1 | 2 | 5 | 97 | 1.35 | .24 | 5 | 109 | 1.81 | 65 | .22 | 3 | 1.69 | .04 | .21 | 1 | 17 |
| TR-P145 | 2 | 35 | 3 | 37 | .1 | 22 | 7 | 1486 | 2.36 | 8 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 18 | 2.58 | .12 | 7 | 19 | .52 | 185 | .04 | 2 | .70 | .03 | .40 | 1 | 5 |
| TR-P146 | 1 | 4 | 9 | 171 | .1 | 14 | 10 | 1245 | 2.45 | 3 | 5 | ND | 1 | 99 | 1 | 2 | 2 | 43 | 1.15 | .16 | 5 | 16 | 1.25 | 73 | .15 | 10 | 1.74 | .05 | .29 | 1 | 3 |
| TR-P147 | 1 | 1 | 4 | 72 | .1 | 60 | 11 | 1048 | 2.46 | 4 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 48 | 1.40 | .14 | 10 | 51 | .71 | 224 | .04 | 2 | 1.01 | .04 | .17 | 1 | 10 |
| TR-P148 | 1 | 11 | 4 | 78 | .5 | 7 | 6 | 924 | 1.82 | 2 | 5 | ND | 9 | 125 | 1 | 2 | 2 | 18 | 2.58 | .14 | 19 | 13 | .67 | 348 | .04 | 3 | .97 | .03 | .34 | 1 | 12 |
| TR-P149 | 4 | 96 | 11 | 313 | .1 | 19 | 30 | 3230 | 7.11 | 16 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 181 | .84 | .36 | 6 | 26 | 4.58 | 48 | .24 | 2 | 4.06 | .05 | 1.54 | 1 | 13 |
| TR-P150 | 2 | 4 | 5 | 140 | .1 | 18 | 17 | 3451 | 4.83 | 7 | 5 | ND | 2 | 81 | 1 | 2 | 2 | 43 | 7.17 | .20 | 4 | 27 | 1.87 | 251 | .01 | 2 | .60 | .01 | .32 | 1 | 15 |
| TR-P151 | 1 | 2 | 5 | 190 | .1 | 9 | 14 | 1406 | 4.07 | 3 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 53 | 3.89 | .26 | 9 | 3 | .80 | 89 | .09 | 3 | .58 | .04 | .17 | 1 | 2 |
| TR-P152 | 5 | 368 | 7 | 109 | .5 | 3 | 27 | 1830 | 4.48 | 2 | 5 | ND | 1 | 61 | 1 | 2 | 5 | 70 | 2.68 | .18 | 7 | 2 | .95 | 57 | .01 | 2 | .87 | .04 | .17 | 1 | 18 |
| TR-P153 | 3 | 43 | 130 | 683 | .7 | 10 | 10 | 9112 | 2.28 | 2 | 5 | ND | 1 | 108 | 4 | 2 | 3 | 18 | 5.19 | .20 | 6 | 4 | 1.06 | 271 | .01 | 2 | 1.38 | .01 | .28 | 1 | 4 |
| STD C/FA AU | 20 | 59 | 39 | 139 | 7.0 | 70 | 30 | 1209 | 3.95 | 36 | 18 | 8 | 38 | 48 | 15 | 10 | 20 | 60 | .48 | .15 | 36 | 58 | .88 | 179 | .08 | 40 | 1.72 | .06 | .10 | 12 | 51 |

IMPERIAL METALS CORPORATION PROJECT-4117 FILE # 85-1994

PAGE 11

| 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 | Hg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|
| TR-P154 | 1 | 4 | 8 | 150 | .1 | 11 | 7 | 3707 | 3.26 | 10 | 5 | ND | 1 | 78 | 1 | 2 | 2 | 34 | 4.86 | .19 | 7 | 8 | .59 | 153 | .01 | 2 | .74 | .01 | .23 | 1 | 2 |
| TR-P155 | 7 | 134 | 172 | 8905 | 2.6 | 14 | 23 | 5767 | 7.20 | 109 | 5 | ND | 1 | 94 | 34 | 2 | 4 | 38 | 3.50 | .16 | 4 | 8 | .84 | 13 | .01 | 3 | 1.05 | .01 | .22 | 1 | 165 |
| TR-P156 | 1 | 24 | 9 | 75 | .1 | 2 | 7 | 4148 | 2.31 | 8 | 5 | ND | 3 | 130 | 1 | 2 | 2 | 11 | 8.22 | .15 | 3 | 3 | .63 | 51 | .01 | 2 | .87 | .01 | .18 | 1 | 11 |
| TR-P157 | 17 | 234 | 642 | 23884 | 6.9 | 16 | 25 | 5141 | 6.01 | 116 | 5 | ND | 1 | 36 | 110 | 2 | 11 | 63 | 2.51 | .12 | 3 | 43 | .84 | 9 | .01 | 2 | .35 | .01 | .08 | 1 | 290 |
| TR-P158 | 9 | 287 | 588 | 3694 | 32.1 | 7 | 17 | 2045 | 4.54 | 61 | 5 | 22 | 1 | 15 | 15 | 10 | 4 | 28 | .13 | .10 | 2 | 6 | .58 | 29 | .01 | 2 | .66 | .01 | .09 | 1 | 14600 |
| STD C/FA AU | 21 | 59 | 38 | 137 | 7.0 | 72 | 29 | 1172 | 3.95 | 39 | 17 | 8 | 38 | 52 | 14 | 15 | 21 | 58 | .48 | .15 | 36 | 58 | .88 | 170 | .07 | 40 | 1.72 | .06 | .11 | 11 | 54 |

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL -BONESH AU++ ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

To 6-8 Rock
July 31/85

ASSAYER: *T. Saundry* .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

DATE RECEIVED: JULY 25 1985

DATE REPORT MAILED:

IMPERIAL METALS FILE # 85-1584

PAGE 1

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au++ |
|-----------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|----|------|-----|-----|-----|------|
| | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | % | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | % | % | PPH | PPH | % | PPH | % | % | % | % | % | PPH | PPH |
| TR 0+00E 15+00N | 7 | 130 | 5 | 74 | .6 | 19 | 16 | 675 | 7.67 | 24 | 5 | ND | 1 | 30 | 1 | 4 | 4 | 162 | .29 | .23 | 6 | 55 | 1.26 | 85 | .14 | 6 | 2.20 | .01 | .14 | 1 | 15 |
| TR 0+00E 14+75N | 14 | 174 | 2 | 89 | .6 | 18 | 21 | 2107 | 6.77 | 18 | 5 | ND | 1 | 38 | 1 | 3 | 4 | 156 | .33 | .14 | 4 | 52 | 1.11 | 200 | .14 | 3 | 2.08 | .01 | .11 | 1 | 28 |
| TR 0+00E 14+50N | 6 | 203 | 10 | 148 | .4 | 20 | 25 | 2075 | 6.92 | 18 | 5 | ND | 1 | 69 | 1 | 2 | 2 | 128 | .74 | .24 | 7 | 51 | 1.36 | 242 | .07 | 2 | 2.46 | .01 | .13 | 1 | 215 |
| TR 0+00E 14+25N | 8 | 116 | 6 | 51 | .5 | 10 | 14 | 415 | 6.37 | 12 | 5 | ND | 1 | 29 | 1 | 3 | 3 | 136 | .25 | .18 | 2 | 42 | .90 | 69 | .09 | 2 | 1.83 | .01 | .15 | 1 | 165 |
| TR 0+00E 14+00N | 3 | 136 | 4 | 121 | .6 | 13 | 11 | 1251 | 3.88 | 9 | 5 | ND | 1 | 76 | 1 | 2 | 2 | 82 | .89 | .26 | 8 | 30 | 1.20 | 279 | .05 | 6 | 1.99 | .01 | .11 | 1 | 50 |
| TR 0+00E 13+75N | 2 | 84 | 2 | 91 | .5 | 19 | 26 | 1745 | 8.37 | 3 | 6 | ND | 1 | 19 | 1 | 2 | 2 | 172 | .24 | .17 | 2 | 50 | 2.00 | 167 | .13 | 6 | 2.73 | .01 | .47 | 1 | 35 |
| TR 0+00E 13+50N | 3 | 77 | 18 | 111 | .3 | 13 | 23 | 2832 | 6.70 | 16 | 5 | ND | 1 | 21 | 1 | 4 | 2 | 124 | .22 | .15 | 2 | 42 | 1.17 | 182 | .08 | 4 | 1.76 | .01 | .29 | 1 | 250 |
| TR 0+00E 13+25N | 4 | 250 | 17 | 158 | .6 | 19 | 25 | 2429 | 9.21 | 21 | 5 | ND | 1 | 23 | 1 | 3 | 4 | 162 | .22 | .15 | 4 | 46 | 1.39 | 169 | .10 | 2 | 2.59 | .01 | .22 | 1 | 90 |
| TR 0+00E 13+00N | 8 | 377 | 12 | 148 | .6 | 16 | 33 | 2715 | 8.14 | 27 | 6 | ND | 1 | 34 | 1 | 2 | 4 | 128 | .38 | .21 | 7 | 33 | 1.56 | 148 | .08 | 3 | 2.32 | .01 | .42 | 1 | 105 |
| TR 1+00E 15+00N | 14 | 241 | 2 | 69 | .6 | 23 | 22 | 593 | 7.73 | 22 | 5 | ND | 1 | 29 | 1 | 3 | 2 | 176 | .31 | .15 | 2 | 63 | 1.35 | 79 | .14 | 3 | 2.02 | .01 | .13 | 1 | 22 |
| TR 1+00E 14+75N | 6 | 56 | 2 | 13 | .6 | 3 | 5 | 78 | 2.47 | 10 | 5 | ND | 1 | 17 | 1 | 3 | 4 | 60 | .10 | .05 | 4 | 23 | .12 | 31 | .03 | 3 | .77 | .01 | .03 | 1 | 20 |
| TR 1+00E 14+50N | 6 | 170 | 2 | 61 | .3 | 17 | 16 | 643 | 6.08 | 16 | 5 | ND | 1 | 30 | 1 | 2 | 4 | 124 | .27 | .23 | 3 | 46 | 1.06 | 47 | .06 | 3 | 2.02 | .01 | .09 | 1 | 75 |
| TR 1+00E 14+25N | 12 | 166 | 7 | 71 | .5 | 23 | 18 | 546 | 7.31 | 21 | 5 | ND | 1 | 34 | 1 | 5 | 2 | 154 | .30 | .23 | 7 | 61 | 1.22 | 118 | .13 | 3 | 1.96 | .01 | .15 | 1 | 21 |
| TR 1+00E 14+00N | 11 | 210 | 7 | 87 | .2 | 17 | 19 | 598 | 7.03 | 29 | 5 | ND | 1 | 41 | 1 | 4 | 4 | 152 | .37 | .12 | 5 | 52 | 1.11 | 128 | .10 | 2 | 2.08 | .01 | .11 | 1 | 23 |
| TR 1+00E 13+75N | 2 | 27 | 2 | 20 | .1 | 4 | 4 | 176 | 1.94 | 6 | 5 | ND | 1 | 37 | 1 | 2 | 3 | 54 | .24 | .08 | 4 | 14 | .31 | 39 | .08 | 2 | .97 | .01 | .08 | 1 | 36 |
| TR 1+00E 13+50N | 5 | 119 | 3 | 78 | .3 | 8 | 16 | 1025 | 5.45 | 9 | 5 | ND | 1 | 30 | 1 | 3 | 4 | 99 | .27 | .17 | 12 | 28 | .43 | 212 | .03 | 2 | 1.70 | .01 | .10 | 1 | 50 |
| TR 1+00E 13+25N | 3 | 65 | 5 | 81 | .3 | 8 | 12 | 1397 | 4.47 | 6 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 116 | .20 | .16 | 4 | 35 | 1.00 | 85 | .06 | 7 | 2.02 | .01 | .17 | 1 | 35 |
| TR 1+00E 13+00N | 3 | 29 | 2 | 154 | .6 | 74 | 26 | 2032 | 8.66 | 15 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 189 | .08 | .15 | 3 | 216 | 3.12 | 127 | .17 | 2 | 3.64 | .01 | .72 | 1 | 28 |
| TR 1+00E 12+75N | 3 | 86 | 2 | 114 | .4 | 16 | 33 | 1295 | 8.63 | 32 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 156 | .12 | .18 | 2 | 47 | 1.78 | 95 | .14 | 2 | 2.76 | .01 | .52 | 1 | 95 |
| TR 1+00E 12+50N | 2 | 53 | 2 | 134 | .4 | 15 | 16 | 1516 | 6.21 | 16 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 133 | .28 | .12 | 2 | 32 | 1.69 | 103 | .17 | 4 | 2.65 | .01 | .54 | 1 | 30 |
| TR 1+00E 12+25N | 4 | 222 | 13 | 117 | .3 | 14 | 22 | 2291 | 6.83 | 27 | 5 | ND | 1 | 43 | 1 | 3 | 2 | 102 | .30 | .29 | 12 | 24 | .69 | 138 | .04 | 6 | 1.51 | .01 | .36 | 1 | 85 |
| TR 1+00E 12+00N | 5 | 218 | 2 | 123 | .3 | 18 | 27 | 3029 | 7.71 | 19 | 6 | ND | 1 | 38 | 1 | 2 | 2 | 110 | .63 | .28 | 13 | 30 | 1.12 | 170 | .06 | 2 | 1.89 | .01 | .37 | 1 | 165 |
| TR 1+00E 11+50N | 4 | 92 | 2 | 88 | .4 | 13 | 19 | 1840 | 5.75 | 18 | 6 | ND | 1 | 39 | 1 | 2 | 2 | 97 | .33 | .19 | 2 | 40 | 1.13 | 83 | .04 | 3 | 2.00 | .01 | .15 | 1 | 55 |
| TR 1+00E 11+25N | 5 | 100 | 4 | 87 | .4 | 15 | 15 | 959 | 5.19 | 15 | 5 | ND | 1 | 37 | 1 | 4 | 2 | 80 | .26 | .20 | 6 | 33 | 1.19 | 95 | .04 | 3 | 2.26 | .01 | .17 | 1 | 20 |
| TR 1+00E 10+50N | 7 | 88 | 7 | 54 | .5 | 13 | 11 | 761 | 6.27 | 10 | 5 | ND | 1 | 20 | 1 | 4 | 2 | 54 | .12 | .65 | 5 | 36 | .51 | 114 | .03 | 5 | 3.09 | .01 | .07 | 1 | 16 |
| TR 1+00E 10+25N | 4 | 41 | 6 | 47 | .3 | 7 | 8 | 844 | 3.08 | 5 | 6 | ND | 1 | 29 | 1 | 2 | 2 | 48 | .13 | .23 | 3 | 21 | .29 | 198 | .01 | 3 | 1.08 | .01 | .09 | 1 | 13 |
| TR 1+00E 10+00N | 6 | 37 | 10 | 50 | .7 | 10 | 7 | 1383 | 3.68 | 3 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 67 | .10 | .19 | 3 | 29 | .46 | 110 | .01 | 2 | 1.55 | .01 | .07 | 1 | 26 |
| TR 2+00E 15+00N | 4 | 87 | 7 | 54 | 1.1 | 14 | 12 | 505 | 5.41 | 12 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 130 | .41 | .14 | 2 | 37 | 1.06 | 77 | .11 | 4 | 1.63 | .01 | .11 | 1 | 12 |
| TR 2+00E 14+75N | 7 | 94 | 2 | 72 | .8 | 18 | 14 | 537 | 7.41 | 20 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 176 | .25 | .12 | 2 | 55 | 1.28 | 57 | .18 | 2 | 2.15 | .01 | .09 | 1 | 14 |
| TR 2+00E 14+50N | 9 | 127 | 2 | 106 | .5 | 14 | 18 | 1195 | 6.75 | 31 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 159 | .33 | .17 | 4 | 43 | 1.24 | 133 | .17 | 2 | 2.05 | .01 | .27 | 1 | 10 |
| TR 2+00E 14+25N | 7 | 127 | 2 | 57 | 1.4 | 19 | 15 | 511 | 5.91 | 14 | 5 | ND | 1 | 32 | 1 | 3 | 2 | 144 | .37 | .22 | 3 | 49 | 1.12 | 80 | .12 | 2 | 2.01 | .01 | .15 | 1 | 26 |
| TR 2+00E 14+00N | 8 | 153 | 2 | 47 | .5 | 13 | 12 | 375 | 4.70 | 15 | 5 | ND | 1 | 25 | 1 | 3 | 4 | 102 | .23 | .15 | 4 | 40 | .80 | 40 | .06 | 3 | 1.64 | .01 | .07 | 2 | 30 |
| TR 2+00E 13+75N | 15 | 318 | 6 | 72 | .4 | 21 | 23 | 771 | 6.74 | 19 | 5 | ND | 1 | 36 | 1 | 4 | 5 | 130 | .35 | .22 | 3 | 48 | 1.14 | 66 | .07 | 3 | 1.91 | .01 | .11 | 1 | 55 |
| TR 2+00E 13+50N | 15 | 161 | 5 | 41 | .4 | 13 | 14 | 383 | 4.68 | 22 | 5 | ND | 1 | 32 | 1 | 6 | 2 | 102 | .28 | .16 | 4 | 36 | .59 | 72 | .04 | 2 | 1.20 | .01 | .08 | 1 | 48 |
| TR 2+00E 12+50N | 3 | 87 | 2 | 69 | .5 | 10 | 13 | 905 | 4.70 | 7 | 5 | ND | 1 | 81 | 1 | 2 | 2 | 99 | .69 | .14 | 2 | 28 | 1.11 | 167 | .09 | 4 | 1.80 | .01 | .17 | 1 | 45 |
| TR 2+00E 12+25N | 2 | 45 | 4 | 124 | .8 | 9 | 14 | 2683 | 7.55 | 18 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 181 | .16 | .17 | 2 | 45 | .89 | 84 | .09 | 2 | 1.91 | .01 | .13 | 1 | 18 |
| STD C/FA AU | 20 | 59 | 40 | 134 | 7.1 | 66 | 26 | 1161 | 3.95 | 40 | 18 | 8 | 35 | 51 | 18 | 15 | 20 | 58 | .48 | .15 | 36 | 63 | .88 | 178 | .07 | 40 | 1.71 | .06 | .13 | 11 | 52 |

IMPERIAL METALS FILE # 85-1584

| SAMPLE# | No | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | M | Au** |
|-----------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| TR 2+00E 12+00N | 3 | 103 | 2 | 220 | .3 | 14 | 21 | 2436 | 6.69 | 22 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 155 | .55 | .21 | 4 | 35 | 2.21 | 190 | .14 | 10 | 2.86 | .01 | .34 | 1 | 28 |
| TR 2+00E 11+75N | 3 | 39 | 9 | 61 | .1 | 4 | 10 | 1031 | 4.44 | 5 | 5 | ND | 1 | 15 | 1 | 2 | 6 | 103 | .11 | .17 | 3 | 15 | .38 | 78 | .03 | 5 | .97 | .01 | .16 | 1 | 85 |
| TR 2+00E 11+50N | 4 | 85 | 9 | 84 | .3 | 5 | 15 | 4711 | 4.27 | 13 | 5 | ND | 1 | 21 | 1 | 4 | 2 | 73 | .12 | .18 | 6 | 16 | .26 | 552 | .01 | 2 | 1.21 | .01 | .10 | 1 | 105 |
| TR 2+00E 11+25N | 3 | 31 | 3 | 35 | .2 | 4 | 6 | 340 | 2.52 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 4 | 49 | .09 | .11 | 3 | 14 | .28 | 52 | .02 | 3 | .82 | .01 | .06 | 1 | 95 |
| TR 2+00E 11+00N | 3 | 35 | 4 | 45 | .1 | 7 | 9 | 448 | 3.40 | 14 | 5 | ND | 1 | 30 | 1 | 3 | 4 | 72 | .17 | .13 | 4 | 19 | .55 | 51 | .05 | 2 | 1.33 | .01 | .07 | 2 | 30 |
| TR 2+00E 10+75N | 4 | 48 | 2 | 47 | .3 | 8 | 10 | 606 | 4.07 | 13 | 5 | ND | 1 | 25 | 1 | 3 | 3 | 78 | .14 | .17 | 2 | 20 | .65 | 55 | .04 | 3 | 1.57 | .01 | .06 | 1 | 24 |
| TR 2+00E 10+50N | 4 | 41 | 7 | 50 | .4 | 12 | 9 | 674 | 3.79 | 7 | 5 | ND | 1 | 30 | 1 | 3 | 2 | 79 | .16 | .16 | 3 | 28 | .68 | 95 | .04 | 3 | 1.60 | .01 | .09 | 1 | 58 |
| TR 2+00E 10+25N | 5 | 48 | 6 | 51 | 1.5 | 7 | 10 | 748 | 4.02 | 7 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 69 | .12 | .13 | 2 | 20 | .60 | 80 | .03 | 3 | 1.58 | .01 | .09 | 1 | 13 |
| TR 2+00E 10+00N | 3 | 28 | 13 | 50 | .6 | 9 | 8 | 2070 | 3.17 | 11 | 5 | ND | 1 | 28 | 1 | 2 | 4 | 68 | .16 | .13 | 2 | 26 | .73 | 118 | .07 | 2 | 1.37 | .01 | .12 | 1 | 14 |
| TR 3+00E 15+00N | 19 | 400 | 7 | 116 | .4 | 27 | 28 | 1289 | 6.60 | 14 | 5 | ND | 1 | 61 | 1 | 3 | 2 | 149 | .07 | .25 | 8 | 58 | 1.45 | 172 | .06 | 2 | 1.86 | .01 | .48 | 1 | 25 |
| TR 3+00E 14+75N | 14 | 266 | 8 | 89 | .9 | 24 | 21 | 1149 | 5.74 | 14 | 5 | ND | 1 | 60 | 1 | 3 | 2 | 137 | .69 | .15 | 4 | 57 | 1.16 | 157 | .06 | 2 | 1.77 | .01 | .16 | 1 | 26 |
| TR 3+00E 14+50N | 5 | 177 | 8 | 114 | .7 | 58 | 22 | 1378 | 6.73 | 27 | 5 | ND | 1 | 32 | 1 | 3 | 2 | 156 | .43 | .22 | 2 | 165 | 1.71 | 126 | .06 | 6 | 2.28 | .01 | .17 | 1 | 43 |
| TR 3+00E 14+25N | 5 | 102 | 8 | 91 | .6 | 14 | 16 | 623 | 6.10 | 20 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 145 | .22 | .14 | 2 | 36 | 1.08 | 126 | .10 | 2 | 1.62 | .01 | .18 | 1 | 295 |
| TR 3+00E 14+00N | 20 | 193 | 4 | 78 | .9 | 17 | 19 | 1501 | 6.32 | 19 | 5 | ND | 1 | 25 | 1 | 3 | 2 | 143 | .17 | .15 | 2 | 52 | .72 | 131 | .03 | 3 | 1.58 | .01 | .11 | 1 | 55 |
| TR 3+00E 13+75N | 8 | 155 | 2 | 69 | .3 | 14 | 17 | 939 | 5.84 | 10 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 136 | .12 | .19 | 4 | 52 | .64 | 150 | .02 | 4 | 1.32 | .01 | .11 | 1 | 55 |
| TR 3+00E 13+50N | 5 | 268 | 9 | 94 | .4 | 20 | 22 | 994 | 7.44 | 11 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 127 | .14 | .13 | 2 | 38 | 1.07 | 68 | .02 | 3 | 1.98 | .01 | .08 | 1 | 56 |
| TR 3+00E 13+25N | 22 | 224 | 10 | 92 | .4 | 9 | 26 | 872 | 9.84 | 31 | 5 | ND | 1 | 45 | 1 | 4 | 4 | 126 | .57 | .34 | 13 | 24 | .54 | 246 | .01 | 3 | 1.42 | .01 | .10 | 1 | 150 |
| TR 3+00E 13+00N | 30 | 140 | 10 | 139 | .5 | 37 | 24 | 1140 | 7.30 | 20 | 5 | ND | 1 | 86 | 1 | 3 | 2 | 127 | 1.28 | .31 | 7 | 69 | 1.73 | 306 | .08 | 3 | 2.08 | .02 | .15 | 1 | 65 |
| TR 3+00E 12+75N | 4 | 106 | 4 | 123 | .5 | 20 | 32 | 1319 | 8.79 | 22 | 5 | ND | 1 | 16 | 1 | 6 | 2 | 147 | .13 | .18 | 4 | 44 | 1.83 | 82 | .10 | 4 | 2.96 | .01 | .17 | 2 | 315 |
| TR 3+00E 12+50N | 4 | 57 | 10 | 51 | .6 | 10 | 11 | 509 | 4.57 | 8 | 5 | ND | 1 | 21 | 1 | 3 | 2 | 100 | .18 | .14 | 4 | 28 | .95 | 48 | .08 | 2 | 1.73 | .01 | .10 | 1 | 45 |
| TR 3+00E 12+25N | 4 | 61 | 4 | 71 | .4 | 12 | 18 | 987 | 6.80 | 17 | 5 | ND | 1 | 15 | 1 | 6 | 2 | 113 | .15 | .19 | 5 | 36 | 1.21 | 61 | .05 | 7 | 2.28 | .01 | .12 | 1 | 70 |
| TR 3+00E 12+00N | 3 | 71 | 10 | 103 | .7 | 20 | 25 | 2221 | 7.97 | 14 | 5 | ND | 1 | 20 | 1 | 3 | 2 | 141 | .14 | .26 | 4 | 56 | 1.47 | 81 | .06 | 2 | 2.49 | .01 | .09 | 1 | 110 |
| TR 3+00E 11+75N | 3 | 104 | 18 | 108 | .5 | 17 | 26 | 2642 | 7.46 | 22 | 5 | ND | 1 | 19 | 1 | 5 | 2 | 129 | .13 | .22 | 3 | 58 | 1.44 | 71 | .06 | 2 | 2.64 | .01 | .17 | 1 | 90 |
| TR 3+00E 11+50N | 4 | 125 | 2 | 94 | .4 | 13 | 14 | 1816 | 4.93 | 10 | 5 | ND | 1 | 48 | 1 | 3 | 2 | 108 | .67 | .18 | 5 | 28 | .98 | 119 | .05 | 2 | 1.47 | .01 | .09 | 1 | 80 |
| TR 3+00E 11+25N | 2 | 128 | 2 | 134 | .4 | 12 | 20 | 1970 | 6.46 | 12 | 5 | ND | 1 | 17 | 1 | 3 | 3 | 155 | .15 | .11 | 2 | 49 | 1.09 | 121 | .08 | 2 | 2.09 | .01 | .14 | 1 | 30 |
| TR 3+00E 11+00N | 2 | 42 | 10 | 69 | .3 | 7 | 17 | 1486 | 5.24 | 9 | 5 | ND | 1 | 23 | 1 | 3 | 2 | 126 | .15 | .22 | 2 | 22 | .69 | 70 | .03 | 2 | 1.28 | .01 | .06 | 1 | 70 |
| TR 3+00E 10+75N | 3 | 49 | 10 | 128 | .3 | 13 | 14 | 2195 | 5.80 | 9 | 5 | ND | 1 | 32 | 1 | 5 | 2 | 121 | .27 | .16 | 2 | 37 | 1.45 | 84 | .07 | 2 | 1.85 | .01 | .12 | 1 | 32 |
| TR 3+00E 10+50N | 2 | 45 | 8 | 176 | .1 | 14 | 19 | 2345 | 6.79 | 11 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 137 | .27 | .16 | 2 | 26 | 1.97 | 101 | .18 | 2 | 2.59 | .01 | .47 | 1 | 42 |
| TR 3+00E 10+25N | 3 | 29 | 9 | 54 | .2 | 5 | 9 | 591 | 3.92 | 4 | 5 | ND | 1 | 25 | 1 | 3 | 2 | 81 | .16 | .17 | 2 | 18 | .75 | 70 | .07 | 2 | 1.46 | .01 | .08 | 1 | 20 |
| TR 3+00E 10+00N | 3 | 51 | 11 | 63 | .4 | 5 | 10 | 1697 | 4.14 | 4 | 5 | ND | 1 | 27 | 1 | 3 | 2 | 73 | .14 | .13 | 2 | 18 | .61 | 118 | .07 | 3 | 1.20 | .01 | .15 | 1 | 33 |
| TR 4+00E 15+00N | 9 | 411 | 2 | 97 | .6 | 28 | 25 | 695 | 7.39 | 23 | 5 | ND | 1 | 20 | 1 | 4 | 3 | 147 | .15 | .19 | 9 | 56 | .97 | 75 | .04 | 6 | 2.36 | .01 | .08 | 1 | 65 |
| TR 4+00E 14+75N | 3 | 49 | 8 | 124 | .6 | 97 | 21 | 2818 | 5.52 | 6 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 157 | .30 | .17 | 2 | 329 | 1.81 | 262 | .07 | 2 | 2.43 | .01 | .18 | 1 | 18 |
| TR 4+00E 14+50N | 10 | 282 | 8 | 103 | .3 | 33 | 27 | 3026 | 5.78 | 8 | 5 | ND | 1 | 25 | 1 | 2 | 5 | 80 | .39 | .26 | 6 | 94 | .51 | 668 | .01 | 2 | 1.17 | .01 | .28 | 1 | 55 |
| TR 4+00E 14+25N | 3 | 79 | 7 | 87 | .2 | 21 | 15 | 2300 | 5.26 | 2 | 5 | ND | 1 | 32 | 1 | 3 | 2 | 131 | .47 | .17 | 3 | 101 | .58 | 330 | .06 | 3 | 1.13 | .01 | .15 | 1 | 50 |
| TR 4+00E 14+00N | 3 | 80 | 2 | 86 | .3 | 24 | 16 | 701 | 6.01 | 8 | 5 | ND | 1 | 20 | 1 | 3 | 2 | 151 | .16 | .12 | 4 | 50 | 1.32 | 77 | .05 | 3 | 2.30 | .01 | .08 | 1 | 23 |
| TR 4+00E 13+75N | 4 | 105 | 8 | 82 | .3 | 18 | 15 | 521 | 5.56 | 14 | 5 | ND | 1 | 32 | 1 | 4 | 2 | 160 | .28 | .15 | 4 | 42 | .98 | 221 | .07 | 2 | 1.63 | .01 | .07 | 1 | 50 |
| STD C/FA AU | 21 | 58 | 37 | 134 | 7.1 | 68 | 28 | 1156 | 3.95 | 39 | 15 | 8 | 35 | 50 | 18 | 15 | 20 | 58 | .48 | .15 | 36 | 63 | .88 | 179 | .07 | 39 | 1.71 | .06 | .13 | 12 | 50 |

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Ti | B | Al | Na | K | W | Au11 |
|-----------------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| TR 4+00E 13+50N | 8 | 207 | 7 | 81 | 1.0 | 11 | 16 | 788 | 6.98 | 16 | 5 | ND | 1 | 26 | 1 | 4 | 2 | 156 | .21 | .17 | 11 | 46 | .55 | 194 | .03 | 6 | 1.32 | .01 | .13 | 1 | 54 |
| TR 4+00E 13+25N | 4 | 74 | 14 | 70 | .4 | 15 | 12 | 651 | 6.37 | 14 | 5 | ND | 1 | 26 | 1 | 3 | 2 | 144 | .20 | .15 | 5 | 50 | .85 | 87 | .03 | 2 | 1.40 | .01 | .11 | 1 | 41 |
| TR 4+00E 13+00N | 11 | 224 | 4 | 97 | .1 | 30 | 19 | 655 | 8.37 | 21 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 215 | .20 | .19 | 2 | 76 | 1.45 | 61 | .08 | 2 | 2.14 | .01 | .12 | 1 | 42 |
| TR 4+00E 12+75N | 9 | 232 | 11 | 74 | .6 | 20 | 17 | 628 | 6.98 | 17 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 167 | .16 | .17 | 4 | 63 | .92 | 66 | .03 | 4 | 1.89 | .01 | .09 | 1 | 31 |
| TR 4+00E 12+50N | 6 | 587 | 7 | 95 | .7 | 29 | 21 | 1177 | 6.49 | 16 | 5 | ND | 1 | 97 | 1 | 2 | 2 | 140 | .75 | .11 | 9 | 70 | 1.61 | 409 | .09 | 8 | 2.15 | .01 | .15 | 1 | 44 |
| TR 4+00E 12+25N | 6 | 280 | 8 | 87 | .4 | 16 | 14 | 759 | 3.94 | 14 | 5 | ND | 1 | 114 | 1 | 2 | 2 | 77 | 1.01 | .22 | 10 | 49 | .91 | 450 | .03 | 2 | 1.43 | .01 | .11 | 1 | 70 |
| TR 4+00E 12+00N | 18 | 222 | 11 | 126 | .4 | 15 | 17 | 902 | 5.47 | 28 | 5 | ND | 1 | 86 | 1 | 2 | 2 | 104 | .79 | .13 | 5 | 37 | 1.90 | 279 | .08 | 24 | 2.26 | .01 | .11 | 1 | 55 |
| TR 4+00E 11+75N | 9 | 176 | 13 | 81 | .3 | 26 | 23 | 976 | 8.55 | 39 | 5 | ND | 1 | 22 | 1 | 2 | 4 | 165 | .22 | .13 | 2 | 54 | 1.48 | 88 | .13 | 2 | 2.89 | .01 | .18 | 1 | 65 |
| TR 4+00E 11+50N | 4 | 130 | 11 | 114 | .2 | 19 | 23 | 1648 | 7.44 | 34 | 5 | ND | 1 | 22 | 1 | 4 | 2 | 89 | .22 | .17 | 6 | 38 | 1.32 | 83 | .03 | 4 | 2.65 | .01 | .16 | 1 | 210 |
| TR 4+00E 11+25N | 2 | 56 | 2 | 94 | .2 | 9 | 10 | 756 | 4.25 | 14 | 5 | ND | 1 | 92 | 1 | 2 | 3 | 82 | 1.12 | .24 | 2 | 20 | 1.73 | 107 | .12 | 10 | 2.15 | .01 | .14 | 1 | 32 |
| TR 4+00E 11+00N | 3 | 80 | 4 | 60 | .4 | 12 | 11 | 686 | 4.42 | 15 | 5 | ND | 1 | 51 | 1 | 3 | 2 | 93 | .50 | .13 | 2 | 21 | 1.46 | 82 | .15 | 3 | 2.64 | .01 | .16 | 1 | 43 |
| TR 4+00E 10+75N | 3 | 33 | 7 | 73 | .2 | 15 | 8 | 883 | 4.31 | 17 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 104 | .37 | .12 | 2 | 35 | 1.71 | 76 | .19 | 2 | 2.66 | .01 | .28 | 1 | 55 |
| TR 4+00E 10+50N | 4 | 40 | 2 | 117 | .3 | 9 | 14 | 2816 | 5.31 | 10 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 104 | .26 | .22 | 3 | 27 | 1.06 | 121 | .07 | 2 | 1.89 | .01 | .13 | 1 | 43 |
| TR 4+00E 10+25N | 8 | 316 | 13 | 150 | .2 | 43 | 39 | 2818 | 9.27 | 43 | 5 | ND | 1 | 46 | 1 | 2 | 5 | 106 | .43 | .19 | 2 | 85 | 1.84 | 95 | .02 | 2 | 2.44 | .01 | .12 | 1 | 235 |
| TR 4+00E 10+00N | 4 | 82 | 12 | 276 | .1 | 13 | 21 | 3064 | 6.42 | 28 | 5 | ND | 1 | 62 | 1 | 2 | 2 | 124 | .80 | .28 | 7 | 43 | 1.96 | 150 | .09 | 5 | 2.78 | .01 | .17 | 1 | 22 |
| TR 5+00E 15+00N | 5 | 1089 | 13 | 153 | .6 | 69 | 35 | 2395 | 8.83 | 20 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 244 | .70 | .31 | 3 | 104 | 2.97 | 200 | .22 | 2 | 3.61 | .01 | .53 | 2 | 60 |
| TR 5+00E 14+75N | 4 | 158 | 8 | 110 | .4 | 47 | 21 | 2117 | 7.21 | 13 | 5 | ND | 1 | 43 | 1 | 2 | 3 | 178 | .44 | .23 | 5 | 90 | 1.62 | 149 | .11 | 2 | 2.32 | .01 | .20 | 1 | 32 |
| TR 5+00E 14+50N | 2 | 53 | 4 | 48 | .2 | 10 | 6 | 460 | 3.09 | 5 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 73 | .23 | .08 | 11 | 29 | .25 | 114 | .03 | 2 | .90 | .01 | .08 | 1 | 40 |
| TR 5+00E 14+25N | 4 | 157 | 2 | 71 | .5 | 21 | 13 | 511 | 5.02 | 13 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 106 | .17 | .15 | 7 | 47 | .99 | 70 | .03 | 2 | 1.86 | .01 | .10 | 1 | 35 |
| TR 5+00E 14+00N | 7 | 181 | 15 | 89 | .4 | 21 | 16 | 1325 | 7.38 | 7 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 160 | .11 | .21 | 3 | 55 | .84 | 128 | .03 | 2 | 2.39 | .01 | .14 | 1 | 65 |
| TR 5+00E 13+75N | 3 | 109 | 24 | 88 | .3 | 18 | 18 | 4215 | 7.08 | 9 | 5 | ND | 1 | 43 | 1 | 2 | 5 | 189 | .34 | .24 | 2 | 47 | 1.16 | 170 | .10 | 3 | 1.74 | .01 | .10 | 1 | 28 |
| TR 5+00E 13+50N | 6 | 203 | 10 | 100 | .3 | 24 | 18 | 1224 | 7.60 | 14 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 175 | .14 | .17 | 6 | 63 | 1.22 | 215 | .05 | 2 | 2.50 | .01 | .15 | 1 | 100 |
| TR 5+00E 13+25N | 8 | 180 | 3 | 118 | .2 | 25 | 26 | 1923 | 7.78 | 14 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 152 | .47 | .13 | 2 | 36 | 2.64 | 110 | .12 | 2 | 3.13 | .01 | .24 | 1 | 3 |
| TR 5+00E 13+00N | 4 | 57 | 11 | 105 | .3 | 19 | 18 | 1054 | 7.56 | 12 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 217 | .39 | .12 | 4 | 46 | 1.46 | 237 | .20 | 2 | 1.95 | .01 | .21 | 1 | 13 |
| TR 5+00E 12+75N | 5 | 214 | 15 | 91 | .5 | 26 | 17 | 813 | 6.24 | 24 | 5 | ND | 1 | 21 | 1 | 2 | 7 | 140 | .21 | .15 | 4 | 45 | 1.23 | 80 | .05 | 2 | 2.25 | .01 | .10 | 1 | 36 |
| TR 5+00E 12+50N | 8 | 261 | 14 | 121 | .4 | 31 | 20 | 933 | 7.61 | 28 | 5 | ND | 1 | 26 | 1 | 2 | 5 | 181 | .37 | .23 | 3 | 65 | 1.78 | 103 | .10 | 2 | 2.65 | .01 | .23 | 1 | 34 |
| TR 5+00E 12+25N | 6 | 142 | 8 | 82 | .4 | 22 | 14 | 751 | 6.19 | 20 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 155 | .30 | .16 | 2 | 48 | 1.42 | 62 | .11 | 5 | 2.33 | .01 | .09 | 1 | 21 |
| TR 5+00E 12+00N | 6 | 161 | 10 | 70 | 1.0 | 17 | 14 | 654 | 4.90 | 15 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 129 | .18 | .11 | 2 | 39 | 1.15 | 62 | .06 | 3 | 2.40 | .01 | .11 | 1 | 110 |
| TR 5+00E 11+75N | 4 | 444 | 5 | 99 | .5 | 41 | 30 | 1241 | 9.34 | 22 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 210 | .46 | .28 | 2 | 63 | 2.40 | 314 | .18 | 2 | 3.36 | .01 | .90 | 1 | 48 |
| TR 5+00E 11+50N | 6 | 117 | 5 | 67 | .2 | 17 | 13 | 611 | 5.49 | 20 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 126 | .17 | .13 | 3 | 42 | 1.08 | 68 | .04 | 2 | 2.07 | .01 | .11 | 1 | 34 |
| TR 5+00E 11+25N | 6 | 55 | 3 | 169 | .2 | 226 | 28 | 1862 | 8.88 | 45 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 203 | .12 | .11 | 4 | 270 | 4.78 | 92 | .16 | 2 | 4.74 | .01 | .26 | 1 | 59 |
| TR 5+00E 11+00N | 3 | 178 | 18 | 109 | .1 | 20 | 21 | 1709 | 6.56 | 23 | 5 | ND | 1 | 46 | 1 | 2 | 5 | 82 | .60 | .21 | 9 | 41 | 1.22 | 91 | .04 | 2 | 1.64 | .01 | .17 | 1 | 245 |
| TR 5+00E 10+75N | 4 | 54 | 6 | 86 | .2 | 8 | 14 | 965 | 6.18 | 20 | 5 | ND | 1 | 32 | 1 | 2 | 5 | 111 | .43 | .21 | 5 | 25 | 1.24 | 106 | .10 | 2 | 2.21 | .01 | .19 | 1 | 75 |
| TR 5+00E 10+50N | 5 | 93 | 16 | 92 | .3 | 15 | 20 | 1175 | 7.92 | 16 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 123 | .14 | .11 | 3 | 49 | 1.33 | 52 | .09 | 2 | 2.54 | .01 | .08 | 1 | 70 |
| TR 5+00E 10+25N | 4 | 50 | 5 | 60 | .1 | 6 | 10 | 722 | 4.49 | 7 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 102 | .17 | .13 | 3 | 26 | .90 | 41 | .06 | 2 | 1.80 | .01 | .09 | 1 | 42 |
| TR 5+00E 10+00N | 3 | 96 | 6 | 109 | .2 | 12 | 14 | 976 | 6.15 | 22 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 129 | .54 | .15 | 2 | 25 | 1.77 | 173 | .14 | 2 | 2.61 | .01 | .21 | 1 | 31 |
| STD C/FA-AU | 21 | 59 | 39 | 134 | 7.0 | 69 | 25 | 1167 | 3.94 | 39 | 18 | 7 | 35 | 51 | 18 | 15 | 21 | 58 | .48 | .14 | 36 | 57 | .88 | 172 | .08 | 38 | 1.72 | .06 | .12 | 11 | 53 |

IMPERIAL METALS FILE # 85-1584

| SAMPLE# | No PPH | Cu PPH | Pb PPH | Zn PPH | Ag PPH | Ni PPH | Co PPH | Mn PPH | Fe % | As PPH | U PPH | Au PPH | Th PPH | Sr PPH | Cd PPH | Sb PPH | Bi PPH | V PPH | Ca % | P % | La PPH | Cr PPH | Hg % | Ba PPH | Ti % | B PPH | Al % | Na % | K % | N PPH | Ac++ PPH |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|
| TR 16+00E 2+25S | 4 | 30 | 9 | 87 | .2 | 5 | 5 | 416 | 2.54 | 7 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 37 | .08 | .20 | 7 | 9 | .22 | 59 | .01 | 2 | 1.10 | .01 | .04 | 1 | 21 |
| TR 16+00E 2+50S | 3 | 31 | 48 | 162 | .2 | 8 | 6 | 899 | 3.10 | 16 | 5 | ND | 1 | 10 | 1 | 4 | 2 | 62 | .06 | .15 | 8 | 17 | .25 | 58 | .01 | 5 | 1.24 | .01 | .04 | 1 | 75 |
| TR 16+00E 2+75S | 4 | 40 | 8 | 94 | .1 | 8 | 7 | 538 | 2.96 | 3 | 5 | ND | 1 | 11 | 1 | 3 | 2 | 51 | .04 | .14 | 8 | 11 | .23 | 85 | .01 | 3 | 1.20 | .01 | .05 | 1 | 38 |
| TR 16+00E 3+00S | 3 | 26 | 15 | 71 | .1 | 6 | 4 | 255 | 2.44 | 6 | 5 | ND | 1 | 14 | 1 | 3 | 4 | 39 | .08 | .11 | 6 | 9 | .11 | 71 | .01 | 2 | .80 | .01 | .05 | 1 | 12 |
| TR 16+00E 3+25S | 3 | 40 | 28 | 98 | .3 | 8 | 7 | 649 | 2.85 | 6 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 71 | .10 | .14 | 6 | 17 | .30 | 79 | .01 | 2 | 1.10 | .01 | .07 | 1 | 36 |
| TR 16+00E 3+50S | 3 | 18 | 8 | 61 | .5 | 10 | 4 | 271 | 2.09 | 5 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 47 | .10 | .12 | 7 | 21 | .35 | 47 | .01 | 5 | 1.38 | .01 | .04 | 1 | 16 |
| TR 16+00E 3+75S | 3 | 29 | 13 | 63 | .2 | 6 | 5 | 791 | 2.24 | 4 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 42 | .04 | .11 | 7 | 15 | .18 | 55 | .01 | 2 | 1.25 | .01 | .05 | 1 | 20 |
| TR 16+00E 4+00S | 2 | 22 | 13 | 49 | .5 | 8 | 4 | 615 | 1.65 | 7 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 42 | .05 | .09 | 6 | 27 | .24 | 55 | .01 | 2 | 1.26 | .01 | .05 | 1 | 50 |
| TR 16+00E 4+25S | 2 | 25 | 13 | 42 | .4 | 5 | 4 | 310 | 1.93 | 3 | 5 | ND | 1 | 13 | 1 | 2 | 4 | 53 | .05 | .10 | 6 | 17 | .20 | 54 | .01 | 4 | 1.51 | .01 | .04 | 1 | 34 |
| TR 16+00E 4+50S | 2 | 31 | 15 | 54 | .5 | 8 | 5 | 363 | 2.30 | 3 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 58 | .06 | .12 | 7 | 15 | .25 | 52 | .01 | 3 | 1.52 | .01 | .04 | 1 | 42 |
| TR 16+00E 4+75S | 2 | 35 | 19 | 59 | .7 | 8 | 6 | 498 | 3.11 | 7 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 72 | .08 | .17 | 6 | 17 | .38 | 70 | .02 | 2 | 1.94 | .01 | .04 | 1 | 9 |
| TR 16+00E 5+00S | 3 | 29 | 15 | 72 | .2 | 12 | 6 | 497 | 3.28 | 5 | 5 | ND | 1 | 11 | 1 | 3 | 3 | 55 | .07 | .25 | 9 | 29 | .34 | 61 | .02 | 3 | 1.41 | .01 | .06 | 1 | 24 |
| TR 17+00E 2+25S | 3 | 46 | 32 | 146 | .7 | 9 | 9 | 1191 | 4.12 | 5 | 6 | ND | 1 | 13 | 1 | 3 | 2 | 58 | .13 | .35 | 6 | 19 | .39 | 65 | .01 | 2 | 1.48 | .01 | .04 | 1 | 10 |
| TR 17+00E 2+50S | 4 | 77 | 85 | 403 | .5 | 13 | 12 | 1072 | 3.96 | 17 | 5 | ND | 1 | 14 | 1 | 4 | 2 | 62 | .14 | .16 | 9 | 30 | .51 | 71 | .01 | 2 | 1.56 | .01 | .05 | 1 | 135 |
| TR 17+00E 2+75S | 3 | 34 | 33 | 143 | .5 | 8 | 5 | 562 | 2.56 | 9 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 51 | .08 | .14 | 6 | 18 | .29 | 62 | .01 | 3 | 1.20 | .01 | .05 | 1 | 31 |
| TR 17+00E 3+00S | 3 | 35 | 25 | 154 | .3 | 8 | 7 | 465 | 3.55 | 16 | 5 | ND | 1 | 13 | 1 | 3 | 2 | 51 | .14 | .16 | 8 | 17 | .35 | 48 | .01 | 2 | 1.43 | .01 | .04 | 1 | 80 |
| TR 17+00E 3+25S | 5 | 43 | 48 | 157 | .6 | 6 | 9 | 2785 | 3.75 | 11 | 5 | ND | 1 | 10 | 1 | 3 | 2 | 58 | .05 | .22 | 9 | 18 | .19 | 94 | .01 | 2 | 1.20 | .01 | .05 | 1 | 15 |
| TR 17+00E 3+50S | 3 | 29 | 23 | 98 | .3 | 8 | 6 | 586 | 2.92 | 14 | 5 | ND | 1 | 10 | 1 | 3 | 3 | 50 | .05 | .16 | 6 | 15 | .22 | 46 | .01 | 2 | 1.24 | .01 | .03 | 1 | 29 |
| TR 17+00E 3+75S | 3 | 34 | 28 | 87 | .5 | 7 | 6 | 873 | 2.85 | 9 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 49 | .06 | .17 | 8 | 15 | .23 | 59 | .01 | 2 | 1.09 | .01 | .04 | 1 | 28 |
| TR 17+00E 4+00S | 5 | 46 | 20 | 100 | .4 | 11 | 7 | 681 | 3.44 | 10 | 5 | ND | 1 | 9 | 1 | 3 | 4 | 54 | .04 | .15 | 10 | 13 | .17 | 106 | .01 | 2 | 1.55 | .01 | .04 | 1 | 12 |
| TR 17+00E 4+25S | 3 | 31 | 19 | 77 | .2 | 7 | 5 | 381 | 3.25 | 8 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 46 | .08 | .15 | 7 | 19 | .29 | 47 | .01 | 2 | 1.53 | .01 | .04 | 1 | 30 |
| TR 17+00E 4+50S | 3 | 50 | 22 | 82 | .6 | 8 | 8 | 579 | 4.36 | 11 | 5 | ND | 1 | 18 | 1 | 3 | 2 | 96 | .10 | .33 | 7 | 17 | .49 | 48 | .01 | 2 | 1.74 | .01 | .04 | 1 | 28 |
| TR 17+00E 4+75S | 3 | 51 | 20 | 88 | 1.9 | 13 | 7 | 410 | 3.10 | 4 | 5 | ND | 1 | 11 | 1 | 2 | 3 | 47 | .13 | .21 | 7 | 23 | .39 | 42 | .01 | 2 | 1.44 | .01 | .04 | 1 | 65 |
| TR 17+00E 5+00S | 2 | 20 | 15 | 32 | .5 | 3 | 3 | 187 | 1.86 | 6 | 5 | ND | 1 | 11 | 1 | 2 | 3 | 41 | .04 | .12 | 5 | 11 | .11 | 38 | .01 | 2 | 1.09 | .01 | .03 | 1 | 13 |
| TR 18+00E 3+25S | 3 | 35 | 50 | 152 | .2 | 9 | 7 | 752 | 3.50 | 17 | 5 | ND | 1 | 9 | 1 | 2 | 4 | 65 | .05 | .14 | 5 | 21 | .28 | 55 | .02 | 2 | 1.07 | .01 | .04 | 1 | 46 |
| TR 18+00E 3+50S | 2 | 40 | 123 | 272 | .8 | 11 | 7 | 1225 | 3.15 | 15 | 5 | ND | 1 | 14 | 1 | 3 | 2 | 60 | .13 | .16 | 7 | 24 | .35 | 99 | .01 | 2 | 1.50 | .01 | .05 | 1 | 32 |
| TR 18+00E 3+75S | 2 | 31 | 53 | 137 | .6 | 5 | 6 | 928 | 3.02 | 9 | 5 | ND | 1 | 11 | 1 | 2 | 4 | 66 | .05 | .12 | 5 | 21 | .28 | 56 | .01 | 2 | 1.32 | .01 | .05 | 1 | 90 |
| TR 18+00E 4+00S | 2 | 37 | 55 | 140 | .9 | 8 | 5 | 510 | 2.29 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 3 | 47 | .08 | .09 | 5 | 21 | .34 | 61 | .01 | 2 | 1.58 | .01 | .04 | 1 | 30 |
| TR 18+00E 4+25S | 3 | 72 | 89 | 241 | .9 | 11 | 9 | 687 | 3.71 | 7 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 67 | .16 | .20 | 8 | 29 | .52 | 73 | .01 | 2 | 1.79 | .01 | .05 | 1 | 32 |
| TR 18+00E 4+50S | 4 | 51 | 48 | 114 | .9 | 13 | 9 | 949 | 4.15 | 13 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 63 | .10 | .25 | 10 | 21 | .33 | 57 | .01 | 2 | 1.61 | .01 | .04 | 1 | 30 |
| TR 18+00E 4+75S | 3 | 46 | 25 | 92 | .3 | 11 | 9 | 514 | 4.90 | 11 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 84 | .08 | .24 | 5 | 24 | .49 | 56 | .02 | 2 | 1.42 | .01 | .05 | 1 | 29 |
| TR 18+00E 5+00S | 2 | 47 | 19 | 185 | .9 | 15 | 7 | 469 | 2.58 | 5 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 45 | .52 | .15 | 9 | 25 | .60 | 476 | .01 | 2 | 1.45 | .01 | .06 | 1 | 35 |
| TR 19+00E 3+25S | 3 | 73 | 38 | 493 | 1.0 | 19 | 12 | 1352 | 3.61 | 10 | 5 | ND | 1 | 40 | 2 | 2 | 2 | 63 | .68 | .24 | 11 | 42 | .84 | 202 | .03 | 2 | 1.27 | .01 | .07 | 1 | 14 |
| TR 19+00E 3+50S | 3 | 69 | 32 | 861 | 2.8 | 14 | 7 | 1222 | 2.84 | 8 | 5 | ND | 1 | 60 | 4 | 2 | 2 | 53 | .66 | .21 | 13 | 28 | .44 | 549 | .01 | 2 | 1.56 | .01 | .04 | 1 | 15 |
| TR 19+00E 3+75S | 3 | 44 | 32 | 92 | .2 | 9 | 7 | 262 | 3.65 | 8 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 70 | .07 | .09 | 6 | 21 | .24 | 87 | .01 | 2 | 1.60 | .01 | .03 | 1 | 26 |
| TR 19+00E 4+00S | 3 | 68 | 59 | 465 | 1.1 | 11 | 8 | 535 | 3.06 | 4 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 64 | .25 | .10 | 12 | 30 | .51 | 202 | .02 | 2 | 1.79 | .01 | .05 | 1 | 75 |
| STD C/FA AU | 20 | 60 | 38 | 132 | 7.0 | 69 | 28 | 1124 | 3.98 | 40 | 16 | 8 | 38 | 50 | 18 | 15 | 20 | 63 | .48 | .15 | 42 | 58 | .88 | 178 | .08 | 38 | 1.72 | .07 | .13 | 12 | 50 |

IMPERIAL METALS FILE # 85-1584

PAGE 5

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | N | Au++ |
|-----------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|
| | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | I | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | PPH | I | I | PPH | PPH | I | PPH | I | PPH | I | I | I | PPH | PPH |
| TR 19+00E 4+2SS | 1 | 22 | 12 | 37 | 1.3 | 4 | 2 | 113 | 1.93 | 4 | 7 | ND | 1 | 16 | 1 | 2 | 2 | 54 | .06 | .04 | 6 | 16 | .11 | 48 | .01 | 2 | 1.30 | .01 | .04 | 1 | 37 |
| TR 19+00E 4+50S | 1 | 44 | 20 | 82 | 1.3 | 11 | 4 | 259 | 2.72 | 6 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 65 | .13 | .11 | 4 | 22 | .38 | 74 | .01 | 2 | 1.53 | .01 | .06 | 1 | 46 |
| TR 19+00E 4+75S | 2 | 104 | 38 | 309 | 1.8 | 20 | 8 | 893 | 3.24 | 4 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 64 | .49 | .17 | 9 | 32 | .69 | 382 | .01 | 2 | 2.03 | .01 | .06 | 1 | 280 |
| TR 19+00E 5+00S | 2 | 96 | 95 | 366 | 1.0 | 20 | 10 | 1495 | 4.41 | 18 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 65 | .26 | .19 | 9 | 36 | .65 | 84 | .02 | 2 | 1.94 | .01 | .06 | 1 | 75 |

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: SOILS -80 MESH AU+ ANALYSIS BY AA FROM 10 GRAM SAMPLE.

P10-11 ROCKS

DATE RECEIVED: AUG 21 1985

DATE REPORT MAILED: Aug 26/85

ASSAYER: *T. Saundry*

DEAN TOYE OR TOM SAUNDY.

CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

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 |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| TR 1E 9+75N | 5 | 27 | 11 | 48 | .4 | 16 | 8 | 2022 | 2.65 | 6 | 5 | ND | 1 | 38 | 1 | 2 | 3 | 45 | .19 | .11 | 6 | 31 | .53 | 152 | .05 | 3 | .88 | .01 | .06 | 1 | 16 |
| TR 1E 9+50N | 7 | 72 | 9 | 63 | 1.8 | 14 | 9 | 501 | 4.73 | 8 | 5 | ND | 1 | 30 | 1 | 3 | 2 | 51 | .12 | .35 | 5 | 24 | .67 | 244 | .01 | 5 | 1.77 | .03 | .07 | 1 | 9 |
| TR 1E 9+25N | 6 | 53 | 13 | 168 | 1.9 | 15 | 8 | 890 | 4.27 | 10 | 5 | ND | 1 | 23 | 1 | 2 | 3 | 55 | .12 | .32 | 6 | 27 | .57 | 107 | .02 | 7 | 1.57 | .01 | .07 | 1 | 7 |
| TR 1E 9+00N | 6 | 38 | 32 | 158 | .8 | 6 | 8 | 1464 | 4.18 | 8 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 90 | .15 | .16 | 3 | 23 | .45 | 109 | .04 | 3 | 1.13 | .01 | .06 | 1 | 22 |
| TR 1E 8+75N | 3 | 36 | 8 | 68 | 1.4 | 7 | 8 | 635 | 3.06 | 6 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 61 | .09 | .14 | 8 | 16 | .45 | 84 | .01 | 2 | 1.28 | .01 | .07 | 1 | 25 |
| TR 1E 8+50N | 4 | 45 | 7 | 76 | .3 | 8 | 8 | 770 | 3.14 | 5 | 5 | ND | 1 | 17 | 1 | 2 | 3 | 53 | .15 | .21 | 7 | 16 | .48 | 78 | .01 | 2 | 1.33 | .01 | .08 | 1 | 30 |
| TR 2E 9+75N | 3 | 48 | 7 | 57 | .6 | 7 | 10 | 765 | 3.99 | 5 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 75 | .14 | .20 | 6 | 20 | .57 | 113 | .05 | 4 | 1.74 | .01 | .07 | 1 | 28 |
| TR 2E 9+50N | 5 | 59 | 5 | 96 | .4 | 10 | 13 | 1102 | 5.40 | 9 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 86 | .10 | .21 | 6 | 21 | .74 | 109 | .05 | 3 | 1.94 | .01 | .14 | 1 | 25 |
| TR 2E 9+25N | 3 | 40 | 2 | 79 | 1.7 | 11 | 10 | 861 | 3.94 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 92 | .24 | .12 | 3 | 18 | 1.33 | 90 | .12 | 3 | 2.46 | .01 | .13 | 1 | 7 |
| TR 2E 9+00N | 3 | 33 | 3 | 127 | .3 | 12 | 12 | 849 | 5.32 | 8 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 100 | .15 | .16 | 5 | 20 | 1.43 | 110 | .12 | 2 | 2.52 | .01 | .20 | 1 | 5 |
| TR 2E 8+75N | 4 | 43 | 9 | 132 | .6 | 15 | 11 | 668 | 4.82 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 88 | .16 | .28 | 8 | 27 | .79 | 94 | .06 | 6 | 1.76 | .01 | .06 | 1 | 13 |
| TR 2E 8+50N | 5 | 59 | 5 | 107 | .3 | 16 | 12 | 554 | 5.34 | 12 | 5 | ND | 1 | 20 | 1 | 4 | 2 | 81 | .13 | .22 | 10 | 29 | .62 | 63 | .02 | 6 | 1.60 | .01 | .05 | 1 | 190 |
| TR 2E 8+25N | 5 | 97 | 11 | 186 | .5 | 17 | 16 | 973 | 5.41 | 14 | 5 | ND | 1 | 20 | 1 | 3 | 3 | 70 | .09 | .29 | 11 | 28 | .62 | 78 | .02 | 5 | 2.29 | .01 | .04 | 1 | 27 |
| TR 2E 8+00N | 5 | 67 | 7 | 105 | .5 | 16 | 11 | 660 | 4.46 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 65 | .10 | .23 | 10 | 23 | .59 | 110 | .02 | 2 | 1.87 | .01 | .07 | 1 | 18 |
| TR 3E 9+75N | 5 | 144 | 3 | 250 | 1.0 | 11 | 15 | 3252 | 3.86 | 13 | 5 | ND | 1 | 73 | 1 | 2 | 2 | 70 | .77 | .29 | 7 | 23 | 1.06 | 234 | .03 | 2 | 1.89 | .01 | .08 | 1 | 24 |
| TR 3E 9+50N | 3 | 45 | 4 | 145 | .3 | 19 | 9 | 691 | 3.78 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 3 | 76 | .23 | .12 | 4 | 34 | .94 | 100 | .07 | 2 | 1.52 | .01 | .09 | 1 | 13 |
| TR 3E 9+25N | 3 | 30 | 6 | 54 | .4 | 11 | 8 | 303 | 3.25 | 6 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 65 | .13 | .17 | 4 | 21 | .51 | 60 | .04 | 5 | 1.29 | .01 | .06 | 1 | 9 |
| TR 3E 9+00N | 2 | 17 | 8 | 27 | .3 | 1 | 4 | 153 | 1.54 | 2 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 45 | .12 | .07 | 5 | 8 | .15 | 47 | .06 | 2 | .82 | .01 | .03 | 1 | 55 |
| TR 3E 8+75N | 5 | 68 | 13 | 192 | .5 | 15 | 13 | 886 | 5.58 | 13 | 5 | ND | 1 | 22 | 1 | 3 | 4 | 98 | .13 | .20 | 5 | 29 | .75 | 68 | .04 | 3 | 1.73 | .01 | .06 | 1 | 5 |
| TR 3E 8+50N | 2 | 18 | 10 | 55 | .6 | 6 | 5 | 336 | 1.84 | 2 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 50 | .18 | .09 | 4 | 13 | .26 | 47 | .07 | 2 | .87 | .01 | .05 | 1 | 14 |
| TR 3E 8+25N | 4 | 59 | 13 | 105 | .7 | 7 | 13 | 1125 | 5.11 | 9 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 85 | .16 | .24 | 5 | 20 | .69 | 70 | .04 | 2 | 1.66 | .01 | .08 | 1 | 15 |
| TR 3E 8+00N | 2 | 35 | 6 | 54 | .8 | 5 | 4 | 246 | 1.87 | 2 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 43 | .11 | .10 | 5 | 12 | .34 | 66 | .02 | 2 | 1.17 | .01 | .05 | 1 | 10 |
| TR 3E 7+75N | 2 | 20 | 10 | 47 | .6 | 6 | 4 | 235 | 1.88 | 4 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 42 | .07 | .11 | 6 | 11 | .15 | 67 | .01 | 2 | .91 | .01 | .05 | 1 | 25 |
| TR 3E 7+50N | 4 | 72 | 5 | 120 | .4 | 8 | 11 | 1250 | 4.31 | 14 | 5 | ND | 1 | 17 | 1 | 4 | 3 | 67 | .09 | .21 | 7 | 15 | .33 | 100 | .02 | 6 | 1.22 | .01 | .09 | 1 | 18 |
| TR 4E 9+75N | 3 | 75 | 12 | 162 | .2 | 12 | 13 | 1190 | 4.61 | 9 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 89 | .45 | .18 | 4 | 24 | 1.32 | 105 | .08 | 2 | 2.26 | .01 | .09 | 1 | 35 |
| TR 4E 9+50N | 4 | 62 | 11 | 136 | .3 | 14 | 14 | 1184 | 5.72 | 14 | 5 | ND | 1 | 19 | 1 | 3 | 2 | 90 | .11 | .18 | 6 | 25 | 1.06 | 52 | .06 | 3 | 2.01 | .01 | .07 | 1 | 44 |
| TR 4E 9+25N | 4 | 65 | 15 | 116 | .1 | 12 | 15 | 2642 | 6.05 | 14 | 5 | ND | 1 | 19 | 1 | 5 | 2 | 99 | .15 | .38 | 8 | 25 | 1.03 | 88 | .06 | 4 | 1.97 | .01 | .09 | 1 | 36 |
| TR 4E 9+00N | 3 | 53 | 4 | 86 | .4 | 12 | 13 | 1126 | 5.71 | 9 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 117 | .19 | .15 | 4 | 24 | 1.47 | 49 | .13 | 2 | 2.60 | .01 | .07 | 1 | 16 |
| TR 4E 8+75N | 4 | 38 | 10 | 62 | .1 | 7 | 9 | 570 | 4.30 | 4 | 5 | ND | 1 | 24 | 1 | 2 | 3 | 89 | .16 | .13 | 6 | 14 | .68 | 49 | .08 | 3 | 1.85 | .01 | .07 | 1 | 20 |
| TR 4E 8+50N | 6 | 77 | 10 | 96 | .1 | 10 | 17 | 1058 | 5.77 | 14 | 5 | ND | 1 | 21 | 1 | 4 | 2 | 82 | .08 | .20 | 9 | 17 | .60 | 72 | .02 | 2 | 1.40 | .01 | .10 | 2 | 57 |
| TR 4E 8+25N | 3 | 82 | 6 | 95 | .2 | 9 | 14 | 1391 | 4.85 | 8 | 5 | ND | 1 | 19 | 1 | 4 | 2 | 90 | .11 | .14 | 6 | 20 | .83 | 59 | .04 | 2 | 1.74 | .01 | .08 | 1 | 70 |
| TR 4E 8+00N | 2 | 123 | 6 | 110 | .3 | 14 | 13 | 1087 | 4.18 | 12 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 68 | .20 | .21 | 5 | 25 | .95 | 50 | .05 | 2 | 2.13 | .01 | .11 | 1 | 38 |
| TR 4E 7+75N | 2 | 56 | 12 | 94 | .4 | 18 | 11 | 1198 | 4.04 | 9 | 5 | ND | 1 | 18 | 1 | 3 | 2 | 71 | .14 | .19 | 5 | 34 | .89 | 50 | .03 | 5 | 1.77 | .01 | .10 | 1 | 60 |
| TR 4E 7+50N | 1 | 29 | 5 | 63 | .3 | 6 | 6 | 1001 | 3.07 | 5 | 5 | ND | 1 | 10 | 1 | 3 | 2 | 56 | .04 | .18 | 5 | 11 | .26 | 56 | .01 | 2 | 1.40 | .01 | .07 | 1 | 65 |
| TR 4E 7+25N | 2 | 43 | 4 | 74 | .2 | 7 | 7 | 750 | 3.56 | 11 | 5 | ND | 1 | 10 | 1 | 3 | 2 | 56 | .06 | .18 | 5 | 12 | .29 | 75 | .01 | 4 | 1.29 | .01 | .06 | 1 | 350 |
| TR 4E 7+00N | 3 | 50 | 12 | 82 | .2 | 8 | 9 | 374 | 3.55 | 13 | 5 | ND | 1 | 11 | 1 | 4 | 2 | 43 | .04 | .16 | 6 | 11 | .21 | 66 | .01 | 2 | 1.12 | .01 | .06 | 1 | 46 |
| STD C/AU-0.5 | 19 | 58 | 40 | 134 | 7.1 | 72 | 28 | 1161 | 3.93 | 37 | 17 | 7 | 36 | 51 | 15 | 16 | 21 | 57 | .48 | .15 | 36 | 58 | .88 | 173 | .07 | 39 | 1.72 | .06 | .10 | 12 | 500 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

PAGE 2

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | F | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au+ |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|----|------|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | % | % | % | % | PPM | PPM |
| TR 5E 9+75N | 3 | 78 | 2 | 100 | .4 | 13 | 15 | 1395 | 5.01 | 9 | 5 | ND | 1 | 17 | 1 | 2 | 3 | 81 | .16 | .25 | 2 | 25 | .71 | 60 | .03 | 2 | 1.62 | .01 | .09 | 1 | 990 |
| TR 5E 9+50N | 2 | 19 | 2 | 53 | .2 | 6 | 6 | 956 | 3.06 | 2 | 5 | ND | 1 | 17 | 1 | 2 | 3 | 76 | .13 | .11 | 2 | 17 | .73 | 47 | .04 | 2 | 1.37 | .01 | .06 | 1 | 28 |
| TR 5E 9+25N | 3 | 27 | 2 | 56 | .2 | 4 | 7 | 584 | 3.04 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 4 | 56 | .08 | .10 | 2 | 11 | .48 | 40 | .03 | 3 | 1.06 | .01 | .05 | 1 | 57 |
| TR 5E 9+00N | 3 | 37 | 9 | 99 | .4 | 11 | 10 | 1310 | 3.38 | 3 | 5 | ND | 1 | 27 | 1 | 4 | 3 | 70 | .19 | .15 | 5 | 17 | .78 | 55 | .07 | 3 | 1.28 | .01 | .13 | 1 | 42 |
| TR 5E 8+75N | 2 | 39 | 23 | 122 | .1 | 13 | 17 | 2187 | 5.57 | 7 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 124 | .26 | .15 | 2 | 27 | 1.82 | 46 | .16 | 3 | 2.23 | .01 | .14 | 1 | 46 |
| TR 5E 8+50N | 3 | 52 | 3 | 128 | .2 | 15 | 18 | 1903 | 5.33 | 4 | 5 | ND | 1 | 27 | 1 | 2 | 5 | 113 | .32 | .13 | 2 | 33 | 1.71 | 48 | .22 | 3 | 2.26 | .01 | .24 | 1 | 51 |
| TR 5E 8+25N | 2 | 40 | 3 | 138 | .2 | 16 | 16 | 2068 | 4.48 | 3 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 113 | .34 | .10 | 3 | 28 | 1.88 | 54 | .27 | 5 | 2.46 | .01 | .24 | 1 | 38 |
| TR 5E 8+00N | 3 | 44 | 2 | 103 | .4 | 12 | 16 | 1839 | 5.36 | 4 | 5 | ND | 1 | 21 | 1 | 2 | 5 | 102 | .17 | .17 | 3 | 30 | 1.22 | 44 | .11 | 5 | 2.05 | .01 | .13 | 1 | 685 |
| TR 5E 7+75N | 2 | 33 | 5 | 84 | .2 | 11 | 11 | 1315 | 3.45 | 5 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 68 | .21 | .14 | 5 | 29 | .90 | 38 | .07 | 6 | 1.73 | .01 | .10 | 1 | 42 |
| TR 5E 7+50N | 2 | 55 | 7 | 111 | .2 | 13 | 14 | 1342 | 4.13 | 8 | 5 | ND | 1 | 27 | 1 | 2 | 3 | 75 | .33 | .18 | 6 | 33 | 1.12 | 49 | .09 | 5 | 1.97 | .01 | .13 | 1 | 55 |
| TR 5E 7+25N | 2 | 36 | 8 | 85 | .3 | 11 | 11 | 725 | 4.41 | 6 | 5 | ND | 1 | 17 | 1 | 2 | 4 | 65 | .13 | .19 | 7 | 22 | .54 | 52 | .02 | 4 | 1.48 | .01 | .09 | 1 | 47 |
| TR 5E 7+00N | 2 | 58 | 8 | 124 | .3 | 12 | 11 | 1121 | 5.27 | 10 | 5 | ND | 1 | 11 | 1 | 5 | 4 | 70 | .08 | .28 | 9 | 24 | .39 | 68 | .01 | 6 | 1.53 | .01 | .08 | 1 | 23 |
| TR 5E 6+75N | 1 | 20 | 6 | 63 | .2 | 5 | 4 | 963 | 2.05 | 4 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 39 | .04 | .15 | 8 | 9 | .10 | 92 | .01 | 2 | .84 | .01 | .07 | 1 | 31 |
| TR 5E 6+50N | 2 | 36 | 11 | 102 | .3 | 8 | 8 | 1811 | 3.83 | 7 | 5 | ND | 1 | 15 | 1 | 3 | 5 | 60 | .06 | .23 | 6 | 12 | .32 | 121 | .01 | 2 | 1.40 | .01 | .08 | 1 | 10 |
| TR 6E 13+00N | 2 | 50 | 10 | 62 | .2 | 11 | 10 | 767 | 5.07 | 2 | 5 | ND | 1 | 34 | 1 | 4 | 3 | 153 | .23 | .12 | 4 | 38 | .68 | 50 | .14 | 2 | 1.44 | .01 | .05 | 1 | 27 |
| TR 6E 12+75N | 3 | 113 | 6 | 108 | .1 | 29 | 20 | 1383 | 8.21 | 4 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 244 | .30 | .16 | 2 | 56 | 1.77 | 97 | .18 | 2 | 2.53 | .01 | .10 | 1 | 15 |
| TR 6E 12+50N | 3 | 223 | 10 | 120 | .4 | 53 | 27 | 1421 | 6.41 | 4 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 197 | .39 | .16 | 3 | 127 | 2.04 | 95 | .21 | 2 | 2.40 | .01 | .09 | 1 | 16 |
| TR 6E 12+25N | 5 | 147 | 12 | 108 | .4 | 27 | 19 | 913 | 7.40 | 7 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 175 | .21 | .17 | 2 | 64 | 1.33 | 127 | .06 | 2 | 2.29 | .01 | .10 | 1 | 80 |
| TR 6E 12+00N | 5 | 95 | 2 | 111 | .3 | 47 | 17 | 1301 | 6.28 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 171 | .36 | .13 | 2 | 135 | 1.49 | 150 | .16 | 2 | 1.80 | .01 | .09 | 1 | 12 |
| TR 6E 11+75N | 7 | 111 | 9 | 120 | .3 | 57 | 28 | 2347 | 6.27 | 3 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 131 | .45 | .14 | 2 | 163 | 1.57 | 142 | .06 | 3 | 1.95 | .01 | .12 | 1 | 17 |
| TR 6E 11+50N | 4 | 115 | 5 | 105 | .3 | 50 | 20 | 1019 | 7.48 | 9 | 5 | ND | 1 | 21 | 1 | 2 | 4 | 177 | .24 | .21 | 2 | 141 | 1.66 | 68 | .12 | 2 | 2.23 | .01 | .10 | 1 | 33 |
| TR 6E 11+25N | 5 | 63 | 9 | 61 | .3 | 16 | 10 | 380 | 5.07 | 5 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 129 | .13 | .11 | 4 | 39 | .74 | 61 | .05 | 2 | 1.86 | .01 | .05 | 1 | 30 |
| TR 6E 11+00N | 6 | 98 | 14 | 97 | .3 | 35 | 19 | 1453 | 6.33 | 7 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 142 | .16 | .21 | 4 | 73 | 1.06 | 92 | .02 | 3 | 1.90 | .01 | .10 | 1 | 70 |
| TR 6E 10+75N | 9 | 90 | 8 | 92 | .2 | 16 | 16 | 775 | 5.61 | 10 | 5 | ND | 1 | 70 | 1 | 2 | 2 | 96 | .68 | .11 | 6 | 36 | 1.36 | 110 | .10 | 2 | 2.67 | .01 | .14 | 1 | 65 |
| TR 6E 10+50N | 2 | 71 | 6 | 159 | .4 | 17 | 13 | 1248 | 4.75 | 8 | 5 | ND | 1 | 59 | 1 | 2 | 3 | 77 | .85 | .34 | 5 | 31 | 1.09 | 148 | .02 | 2 | 1.68 | .01 | .17 | 1 | 55 |
| TR 6E 10+25N | 2 | 75 | 9 | 88 | .6 | 11 | 10 | 734 | 3.66 | 5 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 65 | 1.05 | .38 | 7 | 21 | 1.05 | 124 | .03 | 5 | 1.61 | .01 | .09 | 1 | 22 |
| TR 6E 10+00N | 2 | 99 | 7 | 143 | .1 | 17 | 19 | 1554 | 6.40 | 12 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 108 | 1.13 | .27 | 10 | 40 | 2.35 | 127 | .14 | 2 | 2.55 | .01 | .19 | 1 | 14 |
| TR 6E 9+75N | 4 | 104 | 7 | 130 | .8 | 15 | 28 | 1859 | 8.30 | 15 | 5 | ND | 1 | 18 | 1 | 4 | 2 | 126 | .13 | .25 | 7 | 38 | 1.43 | 62 | .03 | 2 | 2.47 | .01 | .10 | 1 | 80 |
| TR 6E 9+50N | 3 | 134 | 2 | 96 | .2 | 17 | 19 | 1066 | 6.67 | 10 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 129 | .33 | .24 | 5 | 30 | 1.60 | 71 | .12 | 2 | 2.55 | .01 | .22 | 1 | 130 |
| TR 6E 9+25N | 3 | 65 | 11 | 102 | .1 | 12 | 16 | 1224 | 5.87 | 9 | 5 | ND | 1 | 21 | 1 | 3 | 3 | 107 | .13 | .15 | 7 | 26 | .80 | 67 | .05 | 7 | 1.81 | .01 | .09 | 1 | 52 |
| TR 6E 9+00N | 3 | 95 | 6 | 139 | .2 | 15 | 22 | 1594 | 7.24 | 19 | 5 | ND | 1 | 18 | 1 | 4 | 4 | 104 | .14 | .23 | 8 | 31 | 1.10 | 69 | .04 | 2 | 2.15 | .01 | .13 | 1 | 35 |
| TR 6E 8+75N | 3 | 54 | 5 | 136 | .1 | 15 | 16 | 1736 | 6.29 | 8 | 5 | ND | 1 | 21 | 1 | 3 | 5 | 126 | .15 | .13 | 4 | 26 | 1.32 | 56 | .07 | 5 | 2.18 | .01 | .09 | 1 | 105 |
| TR 6E 8+50N | 2 | 45 | 3 | 107 | .1 | 11 | 13 | 1582 | 4.82 | 6 | 5 | ND | 1 | 25 | 1 | 3 | 3 | 122 | .23 | .16 | 4 | 23 | 1.16 | 47 | .08 | 7 | 1.62 | .01 | .09 | 1 | 43 |
| TR 6E 8+25N | 2 | 57 | 8 | 198 | .3 | 16 | 22 | 3283 | 6.06 | 10 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 154 | .34 | .13 | 4 | 30 | 2.47 | 70 | .16 | 2 | 2.83 | .01 | .21 | 1 | 115 |
| TR 6E 8+00N | 3 | 71 | 5 | 157 | .1 | 18 | 19 | 1932 | 5.81 | 10 | 6 | ND | 1 | 27 | 1 | 2 | 4 | 107 | .29 | .23 | 3 | 39 | 1.68 | 59 | .15 | 2 | 2.33 | .01 | .18 | 1 | 125 |
| TR 6E 7+75N | 3 | 68 | 9 | 111 | .9 | 11 | 15 | 1157 | 4.60 | 4 | 5 | ND | 1 | 30 | 1 | 2 | 3 | 95 | .27 | .11 | 3 | 29 | 1.51 | 54 | .17 | 2 | 2.50 | .01 | .13 | 1 | 60 |
| STD C/AU 0.5 | 20 | 57 | 41 | 135 | 7.0 | 70 | 28 | 1167 | 3.93 | 39 | 17 | 8 | 37 | 52 | 15 | 15 | 21 | 58 | .48 | .15 | 37 | 59 | .88 | 176 | .08 | 40 | 1.72 | .06 | .11 | 12 | 510 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

PAGE 3

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | As 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 |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| TR 6E 7+50N | 3 | 58 | 7 | 71 | .2 | 5 | 10 | 1287 | 4.08 | 3 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 68 | .11 | .14 | 3 | 15 | .45 | 60 | .03 | 2 | 1.29 | .01 | .09 | 1 | 21 |
| TR 6E 7+25N | 2 | 49 | 7 | 78 | .1 | 8 | 8 | 499 | 3.58 | 5 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 62 | .05 | .17 | 3 | 13 | .33 | 54 | .01 | 3 | 1.34 | .01 | .08 | 1 | 9 |
| TR 6E 7+00N | 1 | 30 | 2 | 42 | .4 | 3 | 6 | 320 | 2.29 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 3 | 55 | .08 | .09 | 4 | 12 | .12 | 54 | .01 | 2 | 1.23 | .01 | .04 | 1 | 95 |
| TR 6E 6+75N | 2 | 81 | 7 | 101 | .3 | 11 | 11 | 691 | 4.99 | 12 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 65 | .09 | .20 | 5 | 22 | .46 | 44 | .01 | 3 | 1.62 | .01 | .05 | 1 | 32 |
| TR 6E 6+50N | 2 | 32 | 9 | 132 | .1 | 8 | 13 | 1219 | 4.57 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 81 | .26 | .17 | 2 | 13 | 1.34 | 44 | .09 | 2 | 1.66 | .01 | .06 | 1 | 3 |
| TR 6E 6+25N | 2 | 28 | 10 | 88 | .2 | 8 | 9 | 806 | 3.32 | 3 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 73 | .17 | .10 | 2 | 16 | .75 | 63 | .06 | 2 | 1.27 | .01 | .10 | 1 | 22 |
| TR 6E 6+00N | 2 | 32 | 3 | 122 | .2 | 7 | 10 | 1098 | 3.91 | 5 | 5 | ND | 1 | 22 | 1 | 2 | 4 | 73 | .12 | .15 | 2 | 16 | .81 | 76 | .02 | 5 | 1.56 | .01 | .08 | 1 | 16 |
| TR 7E 12+25N | 20 | 258 | 16 | 129 | .3 | 24 | 22 | 856 | 5.01 | 2 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 127 | .37 | .10 | 4 | 42 | 1.42 | 121 | .04 | 2 | 2.30 | .01 | .12 | 1 | 21 |
| TR 7E 12+00N | 18 | 94 | 8 | 101 | .8 | 17 | 10 | 495 | 3.47 | 2 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 99 | .59 | .15 | 5 | 36 | .81 | 182 | .03 | 2 | 1.67 | .01 | .08 | 3 | 8 |
| TR 7E 11+75N | 11 | 94 | 10 | 129 | .1 | 23 | 20 | 2346 | 6.03 | 9 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 170 | .55 | .18 | 2 | 91 | 1.07 | 255 | .05 | 2 | 1.53 | .01 | .31 | 1 | 13 |
| TR 7E 11+50N | 6 | 108 | 8 | 112 | .4 | 34 | 18 | 1202 | 5.59 | 3 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 131 | .35 | .28 | 2 | 76 | 1.30 | 122 | .05 | 2 | 1.80 | .01 | .10 | 1 | 46 |
| TR 7E 11+25N | 7 | 129 | 8 | 107 | .1 | 38 | 19 | 1051 | 6.43 | 6 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 152 | .29 | .25 | 2 | 94 | 1.40 | 165 | .07 | 2 | 1.96 | .01 | .13 | 1 | 19 |
| TR 7E 11+00N | 8 | 91 | 5 | 69 | .1 | 24 | 15 | 649 | 5.77 | 2 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 144 | .17 | .10 | 2 | 81 | .88 | 76 | .06 | 2 | 1.57 | .01 | .06 | 1 | 28 |
| TR 7E 10+75N | 9 | 111 | 5 | 89 | .1 | 16 | 14 | 504 | 5.42 | 5 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 136 | .15 | .13 | 3 | 44 | 1.00 | 89 | .05 | 2 | 2.01 | .01 | .08 | 1 | 800 |
| TR 7E 10+50N | 5 | 61 | 6 | 51 | .1 | 12 | 11 | 544 | 4.45 | 3 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 120 | .13 | .14 | 2 | 32 | .73 | 78 | .03 | 3 | 1.47 | .01 | .07 | 1 | 29 |
| TR 7E 10+25N | 5 | 67 | 10 | 49 | .3 | 8 | 12 | 1925 | 4.06 | 4 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 98 | .10 | .23 | 3 | 32 | .33 | 87 | .01 | 2 | 1.00 | .01 | .07 | 1 | 27 |
| TR 7E 10+00N | 7 | 96 | 5 | 83 | .5 | 17 | 17 | 681 | 5.93 | 10 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 122 | .18 | .16 | 2 | 37 | 1.11 | 60 | .06 | 2 | 2.28 | .01 | .10 | 1 | 95 |
| TR 7E 9+75N | 4 | 157 | 14 | 113 | .2 | 19 | 35 | 2271 | 7.58 | 16 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 96 | .22 | .45 | 5 | 40 | 1.04 | 90 | .04 | 2 | 1.97 | .01 | .17 | 1 | 225 |
| TR 7E 9+50N | 3 | 61 | 4 | 80 | .2 | 12 | 14 | 1007 | 4.71 | 9 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 82 | .10 | .20 | 5 | 33 | .76 | 55 | .02 | 4 | 1.71 | .01 | .09 | 1 | 125 |
| TR 7E 9+25N | 3 | 80 | 8 | 100 | .3 | 14 | 18 | 1486 | 5.97 | 8 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 110 | .22 | .24 | 3 | 33 | 1.52 | 73 | .08 | 3 | 2.55 | .01 | .21 | 1 | 190 |
| TR 7E 9+00N | 3 | 76 | 9 | 80 | .1 | 15 | 16 | 1197 | 5.48 | 7 | 5 | ND | 1 | 23 | 1 | 2 | 3 | 110 | .25 | .23 | 3 | 24 | 1.34 | 52 | .11 | 3 | 2.10 | .01 | .16 | 1 | 110 |
| TR 7E 8+75N | 4 | 96 | 10 | 120 | .1 | 16 | 19 | 1332 | 6.48 | 14 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 99 | .14 | .25 | 3 | 32 | 1.08 | 50 | .03 | 2 | 2.00 | .01 | .10 | 1 | 70 |
| TR 7E 8+50N | 3 | 79 | 11 | 114 | .1 | 16 | 20 | 1600 | 5.83 | 11 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 105 | .11 | .14 | 3 | 32 | 1.11 | 52 | .05 | 2 | 1.99 | .01 | .09 | 1 | 60 |
| TR 7E 8+25N | 2 | 65 | 12 | 156 | .1 | 14 | 18 | 1972 | 5.74 | 6 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 107 | .21 | .19 | 2 | 26 | 1.69 | 67 | .09 | 2 | 2.43 | .01 | .18 | 1 | 75 |
| TR 7E 8+00N | 2 | 32 | 8 | 126 | .1 | 12 | 15 | 2047 | 5.34 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 121 | .21 | .12 | 2 | 26 | 1.39 | 57 | .13 | 2 | 1.93 | .01 | .10 | 1 | 28 |
| TR 7E 7+75N | 3 | 215 | 12 | 144 | .1 | 24 | 26 | 2905 | 7.04 | 15 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 132 | .49 | .12 | 2 | 48 | 1.68 | 214 | .08 | 2 | 2.25 | .01 | .20 | 1 | 75 |
| TR 7E 7+50N | 3 | 70 | 6 | 140 | .4 | 15 | 15 | 1618 | 5.08 | 6 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 99 | .16 | .15 | 2 | 31 | 1.18 | 77 | .09 | 2 | 1.87 | .01 | .11 | 1 | 250 |
| TR 7E 7+25N | 2 | 54 | 8 | 100 | .1 | 13 | 12 | 1063 | 4.27 | 5 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 81 | .15 | .13 | 2 | 35 | .97 | 44 | .06 | 2 | 1.86 | .01 | .08 | 1 | 55 |
| TR 7E 7+00N | 2 | 49 | 7 | 90 | .1 | 14 | 12 | 1026 | 4.65 | 11 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 97 | .17 | .16 | 3 | 29 | .84 | 46 | .07 | 5 | 1.68 | .01 | .06 | 1 | 25 |
| TR 7E 6+75N | 2 | 21 | 9 | 108 | .1 | 14 | 13 | 1862 | 4.11 | 4 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 91 | .21 | .16 | 2 | 27 | 1.18 | 59 | .10 | 2 | 1.74 | .01 | .08 | 1 | 15 |
| TR 7E 6+50N | 3 | 54 | 13 | 139 | .8 | 13 | 13 | 995 | 5.24 | 15 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 79 | .11 | .15 | 2 | 22 | .94 | 50 | .03 | 3 | 2.14 | .01 | .06 | 1 | 28 |
| TR 7E 6+25N | 2 | 47 | 5 | 150 | .3 | 13 | 12 | 914 | 4.64 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 82 | .17 | .19 | 3 | 23 | .93 | 49 | .04 | 2 | 1.84 | .01 | .07 | 1 | 145 |
| TR 7E 6+00N | 3 | 65 | 7 | 457 | .8 | 15 | 15 | 1469 | 5.79 | 10 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 80 | .23 | .27 | 4 | 30 | 1.03 | 105 | .03 | 2 | 2.20 | .01 | .10 | 1 | 105 |
| TR 7E 5+75N | 3 | 39 | 7 | 96 | .1 | 11 | 14 | 4265 | 3.88 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 78 | .15 | .12 | 4 | 17 | .48 | 203 | .02 | 4 | 1.25 | .01 | .07 | 1 | 85 |
| TR 7E 5+50N | 2 | 29 | 3 | 77 | .1 | 12 | 9 | 2008 | 3.28 | 5 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 72 | .09 | .14 | 4 | 21 | .46 | 106 | .02 | 2 | 1.28 | .01 | .07 | 1 | 37 |
| TR 8E 11+75N | 3 | 170 | 8 | 91 | .1 | 32 | 21 | 639 | 6.51 | 6 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 154 | .31 | .31 | 2 | 65 | 1.43 | 72 | .11 | 2 | 2.13 | .01 | .08 | 2 | 19 |
| STD C/AU 0.5 | 21 | 59 | 39 | 138 | 7.0 | 66 | 30 | 1191 | 3.95 | 37 | 17 | B | 37 | 52 | 16 | 15 | 21 | 59 | .48 | .15 | 37 | 60 | .88 | 178 | .08 | 40 | 1.72 | .06 | .11 | 11 | 490 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | F | La | Cr | Hg | Ba | Ti | B | Al | Na | K | M | Au+ |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | PPM | % | % | % | PPM | PPB |
| TR BE 11+50N | 19 | 141 | 8 | 94 | .2 | 15 | 21 | 6277 | 5.69 | 2 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 129 | .09 | .23 | 5 | 72 | .45 | 260 | .01 | 2 | 1.15 | .01 | .06 | 1 | 32 |
| TR BE 11+25N | 7 | 70 | 6 | 67 | .9 | 16 | 12 | 1321 | 4.75 | 3 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 112 | .11 | .16 | 3 | 52 | .45 | 108 | .03 | 2 | 1.27 | .01 | .07 | 1 | 30 |
| TR BE 11+00N | 3 | 53 | 12 | 64 | .1 | 18 | 11 | 448 | 5.20 | 2 | 5 | ND | 1 | 24 | 1 | 2 | 6 | 137 | .16 | .12 | 2 | 67 | .80 | 51 | .08 | 2 | 1.75 | .01 | .05 | 1 | 60 |
| TR BE 10+75N | 4 | 67 | 10 | 77 | .3 | 15 | 12 | 1073 | 5.15 | 2 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 124 | .10 | .13 | 5 | 55 | .73 | 73 | .05 | 2 | 1.81 | .01 | .06 | 1 | 14 |
| TR BE 10+50N | 3 | 93 | 8 | 57 | .3 | 16 | 10 | 335 | 3.17 | 3 | 5 | ND | 1 | 19 | 1 | 3 | 4 | 87 | .10 | .10 | 4 | 33 | .64 | 46 | .03 | 2 | 1.43 | .01 | .05 | 1 | 42 |
| TR BE 10+25N | 6 | 136 | 9 | 83 | .2 | 18 | 15 | 867 | 5.26 | 4 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 112 | .08 | .12 | 4 | 49 | .66 | 68 | .04 | 2 | 1.59 | .01 | .08 | 1 | 23 |
| TR BE 10+00N | 10 | 137 | 7 | 143 | .2 | 20 | 20 | 1747 | 5.38 | 6 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 104 | .69 | .24 | 6 | 41 | 1.41 | 195 | .05 | 2 | 2.23 | .01 | .14 | 1 | 60 |
| TR BE 9+75N | 5 | 87 | 9 | 86 | .2 | 19 | 17 | 1091 | 6.06 | 9 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 129 | .17 | .18 | 3 | 76 | .93 | 133 | .03 | 2 | 1.50 | .01 | .09 | 1 | 31 |
| TR BE 9+50N | 3 | 210 | 9 | 97 | .3 | 29 | 27 | 1579 | 5.63 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 104 | .29 | .21 | 7 | 63 | 1.19 | 74 | .07 | 3 | 2.06 | .01 | .14 | 1 | 70 |
| TR BE 9+25N | 2 | 32 | 8 | 63 | .3 | 23 | 9 | 649 | 3.45 | 4 | 5 | ND | 1 | 15 | 1 | 3 | 2 | 68 | .10 | .17 | 4 | 44 | .69 | 50 | .02 | 3 | 1.33 | .01 | .09 | 1 | 65 |
| TR BE 9+00N | 3 | 46 | 13 | 84 | .3 | 12 | 16 | 1080 | 5.60 | 9 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 100 | .13 | .25 | 3 | 28 | 1.28 | 51 | .07 | 2 | 1.98 | .01 | .12 | 1 | 27 |
| TR BE 8+75N | 3 | 50 | 16 | 77 | .2 | 11 | 15 | 1344 | 5.42 | 7 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 98 | .12 | .23 | 2 | 29 | .99 | 50 | .05 | 2 | 1.68 | .01 | .08 | 1 | 33 |
| TR BE 8+50N | 2 | 29 | 8 | 66 | .4 | 9 | 9 | 656 | 3.81 | 2 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 91 | .17 | .15 | 2 | 25 | 1.04 | 44 | .09 | 2 | 1.69 | .01 | .08 | 1 | 49 |
| TR BE 8+25N | 2 | 17 | 7 | 61 | .3 | 6 | 6 | 685 | 2.82 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 3 | 69 | .15 | .09 | 3 | 17 | .84 | 36 | .08 | 2 | 1.40 | .01 | .07 | 1 | 25 |
| TR BE 8+00N | 2 | 34 | 6 | 120 | .3 | 22 | 16 | 2041 | 5.24 | 7 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 117 | .19 | .13 | 3 | 43 | 1.62 | 48 | .13 | 2 | 2.20 | .01 | .11 | 1 | 21 |
| TR BE 7+75N | 1 | 18 | 14 | 77 | .1 | 9 | 7 | 1033 | 3.17 | 3 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 86 | .17 | .07 | 3 | 21 | .81 | 51 | .11 | 3 | 1.46 | .01 | .07 | 1 | 55 |
| TR BE 7+50N | 2 | 29 | 7 | 129 | .9 | 8 | 11 | 2141 | 4.30 | 4 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 112 | .17 | .12 | 2 | 21 | 1.16 | 49 | .13 | 4 | 1.82 | .01 | .09 | 1 | 30 |
| TR BE 7+25N | 3 | 60 | 9 | 123 | .1 | 15 | 16 | 1485 | 5.63 | 6 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 113 | .22 | .17 | 3 | 37 | 1.53 | 63 | .11 | 2 | 2.18 | .01 | .11 | 1 | 27 |
| TR BE 7+00N | 3 | 67 | 18 | 109 | .5 | 10 | 18 | 2244 | 5.97 | 8 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 125 | .16 | .18 | 2 | 39 | .96 | 70 | .13 | 2 | 1.75 | .01 | .10 | 1 | 115 |
| TR BE 6+75N | 2 | 40 | 21 | 170 | .3 | 17 | 23 | 2058 | 6.59 | 7 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 114 | .23 | .17 | 2 | 37 | 2.28 | 55 | .17 | 2 | 2.73 | .01 | .26 | 1 | 20 |
| TR BE 6+50N | 2 | 19 | 3 | 110 | .2 | 9 | 10 | 960 | 3.89 | 7 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 83 | .15 | .11 | 2 | 14 | 1.03 | 39 | .05 | 2 | 1.47 | .01 | .08 | 1 | 4 |
| TR BE 6+25N | 3 | 35 | 11 | 144 | .2 | 5 | 9 | 772 | 3.65 | 10 | 5 | ND | 1 | 20 | 1 | 2 | 3 | 62 | .10 | .11 | 3 | 15 | .53 | 65 | .02 | 3 | 1.27 | .01 | .07 | 1 | 31 |
| TR BE 6+00N | 2 | 12 | 8 | 57 | .2 | 4 | 5 | 601 | 2.06 | 2 | 5 | ND | 1 | 23 | 1 | 3 | 3 | 54 | .15 | .09 | 4 | 15 | .56 | 44 | .05 | 2 | 1.11 | .01 | .05 | 1 | 18 |
| TR BE 5+75N | 3 | 50 | 7 | 109 | .2 | 10 | 12 | 1022 | 4.45 | 7 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 93 | .14 | .12 | 3 | 29 | .77 | 63 | .04 | 2 | 1.51 | .01 | .07 | 1 | 60 |
| TR BE 5+50N | 2 | 30 | 9 | 111 | .3 | 9 | 10 | 2174 | 3.46 | 5 | 5 | ND | 1 | 37 | 1 | 2 | 4 | 73 | .45 | .11 | 2 | 23 | .52 | 169 | .04 | 2 | .95 | .01 | .11 | 1 | 80 |
| TR BE 5+25N | 2 | 16 | 14 | 67 | .2 | 7 | 8 | 798 | 3.39 | 2 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 80 | .33 | .13 | 2 | 18 | 1.00 | 70 | .10 | 2 | 1.64 | .01 | .10 | 1 | 14 |
| TR BE 5+00N | 2 | 20 | 10 | 67 | .3 | 5 | 7 | 1859 | 2.33 | 5 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 51 | .06 | .10 | 5 | 13 | .15 | 191 | .01 | 2 | .89 | .01 | .06 | 1 | 46 |
| TR 9E 11+25N | 4 | 497 | 12 | 159 | .2 | 45 | 38 | 1377 | 7.94 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 201 | .48 | .31 | 2 | 81 | 2.52 | 113 | .15 | 2 | 3.28 | .01 | .27 | 1 | 20 |
| TR 9E 11+00N | 4 | 245 | 4 | 128 | .3 | 33 | 24 | 790 | 6.52 | 8 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 153 | .41 | .40 | 3 | 64 | 1.57 | 76 | .08 | 2 | 2.45 | .01 | .15 | 1 | 31 |
| TR 9E 10+75N | 4 | 106 | 5 | 117 | .3 | 27 | 19 | 1022 | 6.33 | 4 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 161 | .25 | .20 | 2 | 63 | 1.31 | 133 | .10 | 2 | 2.02 | .01 | .13 | 1 | 17 |
| TR 9E 10+50N | 2 | 110 | 5 | 67 | .2 | 18 | 13 | 392 | 3.85 | 2 | 5 | ND | 1 | 28 | 1 | 2 | 3 | 105 | .21 | .11 | 3 | 47 | .86 | 52 | .08 | 3 | 1.84 | .01 | .05 | 1 | 33 |
| TR 9E 10+25N | 3 | 95 | 11 | 113 | .1 | 46 | 18 | 1388 | 5.50 | 3 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 146 | .33 | .15 | 2 | 111 | 2.02 | 102 | .14 | 2 | 2.28 | .01 | .15 | 1 | 9 |
| TR 9E 10+00N | 8 | 403 | 16 | 122 | .4 | 24 | 30 | 2317 | 6.50 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 154 | .16 | .14 | 6 | 63 | 1.04 | 129 | .09 | 2 | 2.07 | .01 | .08 | 1 | 32 |
| TR 9E 9+75N | 7 | 80 | 8 | 62 | .1 | 12 | 12 | 600 | 5.09 | 4 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 125 | .21 | .11 | 7 | 46 | .38 | 110 | .06 | 2 | .93 | .01 | .09 | 5 | 35 |
| TR 9E 9+50N | 8 | 463 | 11 | 121 | .4 | 37 | 30 | 1582 | 6.04 | 4 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 140 | .19 | .18 | 7 | 119 | 1.75 | 92 | .05 | 2 | 2.62 | .01 | .11 | 1 | 27 |
| TR 9E 9+25N | 6 | 243 | 8 | 107 | .5 | 29 | 24 | 1131 | 5.67 | 11 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 105 | .32 | .21 | 5 | 58 | 1.29 | 112 | .06 | 3 | 2.16 | .01 | .18 | 1 | 610 |
| STD C/AU-0.5 | 20 | 57 | 37 | 137 | 7.0 | 68 | 28 | 1184 | 3.94 | 37 | 17 | 8 | 37 | 52 | 16 | 15 | 21 | 59 | .48 | .15 | 37 | 60 | .88 | 179 | .08 | 37 | 1.72 | .06 | .11 | 12 | 500 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

| 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 % | M PPM | Au+ PPB |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| TR 9E 9+00N | 6 | 144 | 14 | 82 | .3 | 20 | 20 | 955 | 5.70 | 15 | 6 | ND | 1 | 23 | 1 | 4 | 2 | 114 | .20 | .20 | 2 | 32 | .98 | 88 | .06 | 2 | 1.92 | .01 | .12 | 1 | 35 |
| TR 9E 8+75N | 2 | 24 | 10 | 44 | .4 | 13 | 6 | 406 | 2.52 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 60 | .13 | .10 | 4 | 27 | .58 | 44 | .04 | 2 | 1.41 | .01 | .08 | 1 | 105 |
| TR 9E 8+50N | 2 | 74 | 11 | 92 | .1 | 17 | 16 | 1118 | 4.79 | 7 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 90 | .17 | .14 | 3 | 35 | 1.11 | 50 | .05 | 2 | 1.86 | .01 | .12 | 1 | 56 |
| TR 9E 8+25N | 3 | 56 | 7 | 89 | .4 | 14 | 16 | 1368 | 4.82 | 8 | 6 | ND | 1 | 27 | 1 | 3 | 2 | 96 | .22 | .20 | 2 | 27 | 1.15 | 53 | .08 | 3 | 1.73 | .01 | .12 | 1 | 80 |
| TR 9E 8+00N | 2 | 29 | 9 | 75 | .2 | 9 | 10 | 1041 | 4.04 | 2 | 8 | ND | 1 | 31 | 1 | 2 | 2 | 96 | .26 | .10 | 2 | 20 | 1.33 | 46 | .15 | 4 | 2.03 | .01 | .11 | 1 | 90 |
| TR 9E 7+75N | 3 | 62 | 9 | 108 | .1 | 18 | 15 | 1086 | 5.90 | 13 | 5 | ND | 1 | 21 | 1 | 4 | 2 | 108 | .19 | .19 | 3 | 33 | 1.14 | 64 | .06 | 2 | 1.99 | .01 | .11 | 1 | 150 |
| TR 9E 7+50N | 2 | 41 | 12 | 95 | .3 | 12 | 13 | 1182 | 4.55 | 4 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 96 | .17 | .13 | 3 | 29 | .95 | 49 | .05 | 2 | 1.86 | .01 | .08 | 1 | 120 |
| TR 9E 7+25N | 2 | 73 | 11 | 145 | .2 | 17 | 18 | 2061 | 5.60 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 114 | .21 | .12 | 2 | 33 | 1.53 | 49 | .10 | 2 | 2.39 | .01 | .15 | 1 | 155 |
| TR 9E 7+00N | 4 | 59 | 9 | 122 | .3 | 12 | 14 | 1337 | 5.04 | 11 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 111 | .29 | .17 | 3 | 27 | 1.34 | 79 | .12 | 2 | 2.08 | .01 | .18 | 1 | 34 |
| TR 9E 6+75N | 3 | 68 | 8 | 103 | .7 | 11 | 14 | 1809 | 4.33 | 6 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 89 | .18 | .17 | 2 | 28 | .49 | 114 | .03 | 2 | 1.17 | .01 | .10 | 1 | 105 |
| TR 9E 6+50N | 2 | 32 | 10 | 110 | .1 | 11 | 10 | 1120 | 3.98 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 90 | .38 | .13 | 3 | 22 | 1.10 | 85 | .06 | 2 | 1.60 | .01 | .14 | 1 | 13 |
| TR 9E 6+25N | 4 | 75 | 15 | 111 | .2 | 12 | 14 | 1397 | 4.48 | 9 | 5 | ND | 1 | 24 | 1 | 3 | 3 | 80 | .17 | .15 | 4 | 23 | .76 | 81 | .03 | 2 | 1.50 | .01 | .07 | 1 | 100 |
| TR 9E 6+00N | 3 | 52 | 12 | 136 | .4 | 13 | 11 | 1001 | 4.80 | 10 | 6 | ND | 1 | 22 | 1 | 2 | 2 | 84 | .12 | .11 | 3 | 25 | .62 | 68 | .04 | 2 | 1.47 | .01 | .09 | 1 | 165 |
| TR 9E 5+75N | 3 | 44 | 11 | 88 | .5 | 14 | 11 | 924 | 5.08 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 120 | .25 | .17 | 3 | 35 | 1.07 | 72 | .12 | 2 | 1.62 | .01 | .10 | 1 | 11 |
| TR 9E 5+50N | 2 | 21 | 10 | 53 | .3 | 28 | 8 | 409 | 4.40 | 9 | 5 | ND | 1 | 30 | 1 | 2 | 3 | 110 | .24 | .11 | 3 | 92 | .89 | 67 | .11 | 2 | 1.48 | .01 | .07 | 2 | 27 |
| TR 9E 5+25N | 3 | 63 | 15 | 74 | .3 | 11 | 9 | 380 | 4.04 | 7 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 70 | .16 | .20 | 5 | 25 | .57 | 56 | .02 | 2 | 1.49 | .01 | .04 | 1 | 30 |
| TR 9E 5+00N | 3 | 72 | 16 | 84 | .8 | 15 | 13 | 515 | 5.00 | 11 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 84 | .18 | .20 | 3 | 30 | .66 | 59 | .03 | 2 | 1.65 | .01 | .06 | 1 | 46 |
| TR 9E 4+75N | 5 | 100 | 16 | 190 | .2 | 13 | 13 | 1205 | 4.81 | 13 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 88 | .17 | .17 | 4 | 31 | .96 | 66 | .05 | 2 | 1.81 | .01 | .10 | 1 | 110 |
| TR 10E 10+50N | 20 | 524 | 11 | 152 | .3 | 39 | 21 | 2175 | 6.59 | 6 | 6 | ND | 1 | 33 | 1 | 2 | 2 | 160 | .50 | .17 | 3 | 68 | 1.96 | 142 | .11 | 2 | 2.85 | .01 | .11 | 1 | 21 |
| TR 10E 10+25N | 5 | 85 | 9 | 91 | .5 | 22 | 15 | 724 | 5.23 | 4 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 132 | .34 | .23 | 2 | 57 | 1.07 | 86 | .07 | 2 | 1.67 | .01 | .14 | 1 | 55 |
| TR 10E 10+00N | 4 | 248 | 13 | 87 | .5 | 27 | 19 | 661 | 4.99 | 4 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 121 | .29 | .20 | 2 | 55 | 1.23 | 52 | .09 | 2 | 2.19 | .01 | .08 | 1 | 135 |
| TR 10E 9+75N | 3 | 109 | 5 | 78 | .1 | 26 | 15 | 530 | 5.47 | 4 | 5 | ND | 1 | 39 | 1 | 3 | 2 | 131 | .37 | .20 | 2 | 62 | 1.12 | 56 | .09 | 2 | 1.73 | .01 | .07 | 1 | 40 |
| TR 11E 10+00N | 3 | 227 | 15 | 88 | .1 | 34 | 23 | 663 | 6.54 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 152 | .37 | .21 | 2 | 76 | 1.49 | 50 | .10 | 2 | 2.47 | .01 | .09 | 1 | 33 |
| TR 11E 9+75N | 5 | 142 | 12 | 77 | .8 | 25 | 15 | 717 | 5.05 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 124 | .24 | .19 | 2 | 58 | 1.03 | 75 | .08 | 5 | 1.60 | .01 | .09 | 1 | 24 |
| TR 11E 9+50N | 5 | 166 | 4 | 75 | .7 | 27 | 17 | 626 | 4.95 | 4 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 123 | .26 | .15 | 2 | 69 | 1.14 | 52 | .07 | 2 | 1.90 | .01 | .09 | 1 | 26 |
| TR 11E 9+25N | 4 | 99 | 13 | 91 | .4 | 29 | 16 | 695 | 7.10 | 10 | 5 | ND | 1 | 23 | 1 | 3 | 2 | 171 | .17 | .20 | 2 | 78 | 1.27 | 57 | .10 | 2 | 2.20 | .01 | .07 | 1 | 90 |
| TR 11E 9+00N | 8 | 248 | 12 | 90 | .5 | 28 | 21 | 848 | 6.79 | 20 | 8 | ND | 1 | 31 | 1 | 2 | 2 | 137 | .19 | .23 | 2 | 61 | 1.35 | 96 | .09 | 2 | 2.32 | .01 | .14 | 1 | 39 |
| TR 11E 8+75N | 5 | 135 | 4 | 73 | .2 | 20 | 16 | 510 | 5.32 | 11 | 5 | ND | 1 | 31 | 1 | 4 | 2 | 119 | .23 | .14 | 3 | 57 | .88 | 54 | .08 | 2 | 1.72 | .01 | .07 | 1 | 38 |
| TR 11E 8+25N | 4 | 48 | 10 | 78 | .2 | 15 | 11 | 888 | 4.37 | 6 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 80 | .15 | .15 | 3 | 33 | .86 | 63 | .05 | 2 | 1.63 | .01 | .08 | 1 | 105 |
| TR 11E 8+00N | 2 | 34 | 9 | 75 | .4 | 14 | 11 | 729 | 4.00 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 86 | .14 | .15 | 2 | 35 | .88 | 61 | .03 | 3 | 1.63 | .01 | .08 | 1 | 60 |
| TR 11E 7+75N | 2 | 83 | 11 | 83 | .2 | 13 | 15 | 1227 | 4.84 | 10 | 5 | ND | 1 | 20 | 1 | 2 | 3 | 102 | .15 | .16 | 3 | 30 | 1.02 | 52 | .08 | 2 | 2.02 | .01 | .09 | 1 | 46 |
| TR 11E 7+50N | 3 | 42 | 7 | 53 | .7 | 9 | 7 | 485 | 3.37 | 6 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 83 | .17 | .08 | 2 | 21 | .74 | 40 | .06 | 6 | 1.64 | .01 | .06 | 1 | 65 |
| TR 11E 7+25N | 2 | 38 | 7 | 78 | .5 | 10 | 9 | 719 | 3.95 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 3 | 79 | .13 | .13 | 4 | 26 | .87 | 46 | .04 | 6 | 1.88 | .01 | .06 | 1 | 170 |
| TR 11E 7+00N | 4 | 158 | 14 | 115 | .9 | 32 | 21 | 1264 | 6.45 | 11 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 154 | .27 | .20 | 4 | 72 | 1.71 | 77 | .12 | 2 | 2.70 | .01 | .13 | 1 | 27 |
| TR 11E 6+75N | 4 | 163 | 15 | 88 | .2 | 23 | 18 | 607 | 6.02 | 6 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 138 | .29 | .18 | 3 | 66 | 1.30 | 68 | .12 | 2 | 2.34 | .01 | .12 | 1 | 19 |
| TR 11E 6+50N | 4 | 389 | 12 | 105 | .5 | 39 | 30 | 920 | 6.77 | 10 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 155 | .40 | .26 | 4 | 72 | 1.82 | 71 | .10 | 2 | 2.79 | .01 | .13 | 1 | 43 |
| STD C/AU-0.5 | 20 | 58 | 41 | 135 | 6.8 | 70 | 28 | 1166 | 3.93 | 38 | 15 | 8 | 36 | 51 | 15 | 15 | 21 | 58 | .48 | .14 | 39 | 59 | .88 | 174 | .08 | 39 | 1.72 | .06 | .10 | 11 | 480 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au+ |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| TR 11E 6+25N | 4 | 64 | 5 | 45 | .4 | 12 | 9 | 326 | 3.73 | 3 | 5 | ND | 1 | 24 | 1 | 3 | 2 | 106 | .16 | .11 | 4 | 38 | .47 | 62 | .07 | 2 | 1.25 | .01 | .07 | 1 | 49 |
| TR 11E 6+00N | 5 | 175 | 13 | 100 | .5 | 22 | 22 | 770 | 6.64 | 9 | 5 | ND | 1 | 22 | 1 | 3 | 3 | 122 | .15 | .16 | 3 | 55 | 1.32 | 103 | .06 | 2 | 2.20 | .01 | .10 | 1 | 23 |
| TR 11E 5+75N | 5 | 105 | 2 | 63 | .3 | 18 | 15 | 540 | 5.88 | 5 | 5 | ND | 1 | 22 | 1 | 4 | 2 | 140 | .14 | .12 | 4 | 54 | .78 | 62 | .08 | 2 | 1.58 | .01 | .07 | 1 | 31 |
| TR 11E 5+50N | 4 | 63 | 12 | 74 | .3 | 18 | 12 | 633 | 5.46 | 3 | 5 | ND | 1 | 22 | 1 | 3 | 4 | 134 | .16 | .20 | 3 | 48 | .89 | 80 | .11 | 2 | 1.56 | .01 | .08 | 1 | 34 |
| TR 11E 5+25N | 4 | 80 | 13 | 69 | .6 | 15 | 11 | 784 | 4.98 | 2 | 5 | ND | 1 | 23 | 1 | 5 | 4 | 119 | .14 | .11 | 4 | 46 | .61 | 54 | .07 | 2 | 1.62 | .01 | .05 | 1 | 18 |
| TR 11E 5+00N | 4 | 84 | 16 | 89 | .5 | 17 | 14 | 612 | 5.38 | 5 | 5 | ND | 1 | 27 | 1 | 3 | 2 | 129 | .20 | .18 | 2 | 48 | .97 | 72 | .10 | 2 | 1.75 | .01 | .07 | 1 | 35 |
| TR 11E 4+75N | 2 | 15 | 5 | 44 | .1 | 1 | 3 | 128 | 2.22 | 2 | 5 | ND | 2 | 12 | 1 | 2 | 2 | 38 | .04 | .09 | 8 | 2 | .08 | 102 | .01 | 2 | 1.36 | .01 | .03 | 1 | 3 |
| TR 11E 4+50N | 2 | 31 | 10 | 99 | .4 | 8 | 7 | 481 | 2.98 | 2 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 44 | .47 | .14 | 7 | 16 | .33 | 156 | .01 | 2 | .96 | .01 | .11 | 1 | 4 |
| TR 11E 4+25N | 4 | 40 | 5 | 725 | .1 | 10 | 13 | 1750 | 4.01 | 2 | 5 | ND | 1 | 41 | 2 | 2 | 2 | 79 | .61 | .12 | 5 | 24 | 1.25 | 167 | .05 | 5 | 1.87 | .01 | .26 | 1 | 6 |
| TR 11E 4+00N | 4 | 56 | 24 | 586 | .1 | 10 | 14 | 3942 | 3.15 | 3 | 6 | ND | 1 | 60 | 5 | 2 | 2 | 55 | 1.22 | .24 | 7 | 18 | .66 | 271 | .02 | 5 | 1.19 | .01 | .13 | 1 | 16 |
| TR 11E 3+75N | 3 | 39 | 13 | 461 | .1 | 9 | 10 | 3121 | 2.82 | 2 | 5 | ND | 1 | 43 | 6 | 2 | 2 | 43 | .66 | .25 | 5 | 15 | .58 | 282 | .01 | 6 | 1.00 | .01 | .13 | 1 | 55 |
| TR 11E 3+50N | 2 | 59 | 8 | 115 | .6 | 14 | 9 | 815 | 3.08 | 2 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 61 | .39 | .17 | 5 | 28 | .71 | 199 | .01 | 3 | 1.61 | .01 | .06 | 1 | 50 |
| TR 11E 3+25N | 3 | 177 | 16 | 154 | .3 | 25 | 21 | 1317 | 5.02 | 8 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 105 | .79 | .24 | 6 | 46 | 1.42 | 276 | .06 | 4 | 1.91 | .01 | .09 | 1 | 33 |
| TR 11E 3+00N | 3 | 61 | 9 | 102 | .2 | 13 | 11 | 629 | 4.27 | 7 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 72 | .13 | .22 | 6 | 26 | .63 | 65 | .01 | 3 | 1.68 | .01 | .04 | 1 | 30 |
| TR 11E 2+75N | 2 | 18 | 8 | 43 | 1.1 | 2 | 3 | 268 | 1.80 | 2 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 28 | .03 | .15 | 7 | 7 | .06 | 50 | .01 | 2 | 1.21 | .01 | .03 | 1 | 13 |
| TR 11E 2+50N | 2 | 14 | 3 | 41 | .5 | 4 | 3 | 185 | 2.00 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 32 | .05 | .14 | 7 | 5 | .09 | 39 | .01 | 3 | 1.36 | .01 | .03 | 1 | 5 |
| TR 11E 2+25N | 1 | 8 | 8 | 38 | .1 | 1 | 2 | 153 | 1.83 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 38 | .04 | .07 | 8 | 6 | .08 | 50 | .01 | 2 | 1.49 | .01 | .03 | 1 | 3 |
| TR 11E 2+00N | 2 | 13 | 9 | 47 | .1 | 6 | 4 | 181 | 2.36 | 2 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 47 | .04 | .09 | 7 | 8 | .09 | 47 | .01 | 3 | 1.35 | .01 | .03 | 1 | 2 |
| TR 11E 1+75N | 3 | 40 | 14 | 115 | .1 | 9 | 8 | 869 | 3.57 | 3 | 5 | ND | 1 | 14 | 1 | 4 | 2 | 47 | .07 | .16 | 7 | 14 | .20 | 119 | .01 | 2 | 1.06 | .01 | .05 | 1 | 32 |
| TR 11E 1+50N | 1 | 14 | 12 | 70 | .1 | 7 | 4 | 658 | 2.15 | 2 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 57 | .12 | .07 | 7 | 18 | .31 | 65 | .03 | 2 | 1.05 | .01 | .05 | 1 | 17 |
| TR 11E 1+25N | 3 | 58 | 14 | 105 | .1 | 6 | 8 | 652 | 3.72 | 7 | 5 | ND | 1 | 12 | 1 | 3 | 2 | 44 | .08 | .24 | 8 | 9 | .22 | 67 | .01 | 2 | 1.35 | .01 | .04 | 1 | 13 |
| TR 11E 1+00N | 2 | 17 | 6 | 44 | .1 | 2 | 3 | 166 | 1.63 | 2 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 33 | .03 | .07 | 7 | 5 | .05 | 55 | .01 | 2 | 1.17 | .01 | .03 | 1 | 6 |
| TR 11E 0+75N | 2 | 19 | 7 | 51 | .5 | 2 | 2 | 139 | 1.62 | 2 | 5 | ND | 1 | 10 | 1 | 33 | 2 | 31 | .03 | .09 | 7 | 6 | .07 | 46 | .01 | 2 | 1.11 | .01 | .03 | 1 | 4 |
| TR 11E 0+50N | 3 | 30 | 12 | 85 | .2 | 4 | 5 | 730 | 2.82 | 3 | 5 | ND | 1 | 11 | 1 | 3 | 2 | 43 | .04 | .12 | 7 | 7 | .10 | 71 | .01 | 4 | 1.06 | .01 | .03 | 1 | 4 |
| TR 11E 0+25N | 2 | 22 | 11 | 65 | .6 | 3 | 4 | 341 | 2.16 | 2 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 36 | .04 | .10 | 7 | 7 | .07 | 61 | .01 | 2 | 1.14 | .01 | .03 | 1 | 5 |
| TR 11E 0+00N | 4 | 43 | 17 | 119 | .1 | 9 | 8 | 515 | 4.05 | 4 | 5 | ND | 1 | 11 | 1 | 4 | 2 | 52 | .09 | .16 | 8 | 11 | .18 | 47 | .01 | 3 | 1.27 | .01 | .03 | 1 | 34 |
| TR 12E 9+25N | 4 | 148 | 7 | 62 | .4 | 18 | 14 | 454 | 4.04 | 6 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 106 | .21 | .12 | 6 | 47 | .78 | 65 | .06 | 2 | 1.64 | .01 | .07 | 1 | 32 |
| TR 12E 9+00N | 6 | 98 | 9 | 69 | .2 | 19 | 12 | 537 | 4.20 | 10 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 99 | .24 | .15 | 4 | 49 | .73 | 92 | .05 | 2 | 1.37 | .01 | .07 | 1 | 60 |
| TR 12E 8+75N | 20 | 261 | 14 | 106 | .2 | 28 | 25 | 977 | 7.45 | 29 | 5 | ND | 1 | 26 | 1 | 7 | 2 | 104 | .40 | .17 | 9 | 45 | .83 | 101 | .06 | 5 | 1.79 | .01 | .22 | 1 | 105 |
| TR 12E 8+50N | 10 | 170 | 14 | 82 | .1 | 25 | 18 | 669 | 5.79 | 10 | 5 | ND | 1 | 27 | 1 | 3 | 4 | 120 | .18 | .16 | 6 | 63 | .99 | 113 | .04 | 2 | 1.59 | .01 | .10 | 1 | 55 |
| TR 12E 8+25N | 4 | 162 | 7 | 93 | .1 | 34 | 22 | 768 | 6.59 | 7 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 172 | .34 | .16 | 5 | 74 | 1.66 | 110 | .15 | 2 | 2.14 | .01 | .17 | 1 | 18 |
| TR 12E 8+00N | 4 | 269 | 6 | 105 | .3 | 35 | 23 | 921 | 5.09 | 2 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 144 | .50 | .16 | 7 | 64 | 1.79 | 96 | .11 | 7 | 2.34 | .01 | .19 | 1 | 22 |
| TR 12E 7+75N | 5 | 86 | 7 | 101 | .2 | 24 | 16 | 1152 | 5.97 | 11 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 122 | .17 | .29 | 6 | 55 | 1.22 | 75 | .05 | 2 | 1.93 | .01 | .11 | 1 | 55 |
| TR 12E 7+50N | 4 | 71 | 11 | 78 | .2 | 20 | 13 | 850 | 6.23 | 7 | 5 | ND | 1 | 19 | 1 | 3 | 3 | 150 | .14 | .13 | 4 | 56 | 1.09 | 69 | .09 | 5 | 1.87 | .01 | .07 | 1 | 50 |
| TR 12E 7+25N | 5 | 76 | 7 | 72 | .1 | 25 | 14 | 693 | 5.85 | 7 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 144 | .19 | .15 | 5 | 76 | 1.17 | 58 | .13 | 2 | 1.91 | .01 | .07 | 1 | 60 |
| TR 12E 7+00N | 7 | 141 | 7 | 70 | .1 | 24 | 17 | 894 | 5.66 | 11 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 132 | .15 | .19 | 5 | 52 | 1.19 | 70 | .05 | 5 | 1.90 | .01 | .09 | 1 | 30 |
| STD C/AU-0.5 | 20 | 58 | 43 | 136 | 6.9 | 70 | 29 | 1181 | 3.93 | 37 | 16 | 8 | 37 | 53 | 15 | 17 | 21 | 59 | .48 | .15 | 38 | 58 | .88 | 181 | .08 | 39 | 1.72 | .06 | .10 | 12 | 510 |

IMPERIAL METALS CORPORATION PROJECT -- 4117 FILE # 85-1994

PAGE 7

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au* |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | PPM | % | % | % | PPM | PPB |
| TR 12E 6+75N | 7 | 275 | 6 | 93 | .1 | 36 | 25 | 790 | 7.67 | 13 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 159 | .33 | .30 | 17 | 77 | 1.64 | 66 | .10 | 2 | 2.53 | .01 | .11 | 1 | 50 |
| TR 12E 6+50N | 4 | 93 | 9 | 55 | .1 | 21 | 13 | 439 | 5.22 | 7 | 5 | ND | 1 | 27 | 1 | 2 | 5 | 135 | .20 | .14 | 11 | 58 | .90 | 51 | .11 | 2 | 1.94 | .01 | .06 | 1 | 40 |
| TR 12E 6+25N | 6 | 92 | 5 | 66 | .1 | 20 | 12 | 875 | 4.59 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 109 | .16 | .13 | 10 | 44 | .99 | 78 | .05 | 3 | 1.66 | .01 | .08 | 1 | 85 |
| TR 12E 6+00N | 4 | 91 | 10 | 142 | .8 | 22 | 19 | 1976 | 6.14 | 7 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 136 | .26 | .18 | 10 | 61 | 1.69 | 75 | .10 | 2 | 2.40 | .01 | .14 | 1 | 35 |
| TR 12E 5+75N | 3 | 50 | 2 | 71 | .2 | 15 | 7 | 644 | 2.84 | 2 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 86 | .21 | .07 | 5 | 35 | .88 | 49 | .08 | 4 | 1.58 | .01 | .06 | 1 | 34 |
| TR 12E 5+50N | 6 | 103 | 8 | 87 | .3 | 27 | 16 | 965 | 6.56 | 12 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 140 | .22 | .26 | 11 | 55 | 1.23 | 67 | .09 | 2 | 2.17 | .01 | .09 | 1 | 90 |
| TR 12E 5+25N | 5 | 159 | 15 | 94 | .1 | 25 | 18 | 904 | 6.17 | 14 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 142 | .22 | .15 | 10 | 54 | 1.53 | 71 | .12 | 3 | 2.42 | .01 | .10 | 1 | 43 |
| TR 12E 5+00N | 2 | 21 | 4 | 52 | .1 | 6 | 6 | 373 | 3.05 | 5 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 54 | .08 | .15 | 9 | 11 | .30 | 62 | .02 | 2 | 1.48 | .01 | .04 | 1 | 5 |
| TR 12E 4+75N | 5 | 216 | 6 | 79 | .2 | 23 | 20 | 989 | 5.17 | 13 | 5 | ND | 1 | 25 | 1 | 3 | 2 | 102 | .29 | .21 | 9 | 45 | 1.04 | 136 | .05 | 2 | 1.69 | .01 | .12 | 1 | 45 |
| TR 12E 4+50N | 2 | 33 | 4 | 89 | .1 | 17 | 11 | 888 | 4.22 | 5 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 82 | .22 | .14 | 8 | 28 | .74 | 75 | .06 | 2 | 1.28 | .01 | .11 | 1 | 10 |
| TR 12E 4+25N | 2 | 22 | 8 | 93 | .3 | 8 | 7 | 1497 | 2.94 | 6 | 5 | ND | 1 | 27 | 1 | 3 | 2 | 48 | .15 | .11 | 7 | 12 | .34 | 82 | .01 | 3 | 1.02 | .01 | .05 | 1 | 50 |
| TR 12E 4+00N | 2 | 40 | 14 | 215 | .1 | 11 | 10 | 2350 | 3.12 | 8 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 53 | .31 | .14 | 8 | 17 | .47 | 147 | .01 | 2 | 1.16 | .01 | .10 | 1 | 28 |
| TR 12E 3+75N | 1 | 24 | 8 | 121 | .7 | 10 | 5 | 527 | 2.24 | 4 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 51 | .40 | .12 | 7 | 21 | .52 | 201 | .01 | 3 | 1.48 | .01 | .06 | 1 | 44 |
| TR 12E 3+50N | 3 | 164 | 12 | 81 | .1 | 13 | 15 | 616 | 4.14 | 6 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 62 | .35 | .22 | 12 | 29 | .57 | 61 | .01 | 5 | 1.44 | .01 | .04 | 3 | 290 |
| TR 12E 3+25N | 2 | 18 | 4 | 82 | .1 | 8 | 5 | 598 | 2.16 | 3 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 37 | .19 | .17 | 8 | 18 | .41 | 109 | .01 | 4 | 1.04 | .01 | .07 | 1 | 15 |
| TR 12E 3+00N | 2 | 9 | 5 | 41 | .1 | 2 | 2 | 99 | 1.39 | 2 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 23 | .02 | .08 | 11 | 3 | .05 | 81 | .01 | 5 | 1.31 | .01 | .03 | 1 | 2 |
| TR 12E 2+75N | 1 | 1 | 5 | 20 | .1 | 2 | 1 | 25 | .62 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 17 | .04 | .04 | 6 | 3 | .04 | 59 | .01 | 2 | 1.26 | .01 | .02 | 1 | 10 |
| TR 12E 2+50N | 3 | 19 | 12 | 65 | .1 | 4 | 5 | 215 | 3.28 | 3 | 5 | ND | 1 | 23 | 1 | 3 | 3 | 44 | .06 | .10 | 8 | 9 | .20 | 66 | .01 | 2 | 1.81 | .01 | .02 | 1 | 17 |
| TR 12E 2+25N | 3 | 40 | 16 | 128 | .2 | 9 | 9 | 823 | 3.81 | 6 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 51 | .19 | .24 | 10 | 16 | .59 | 78 | .01 | 5 | 2.01 | .01 | .04 | 1 | 15 |
| TR 12E 2+00N | 2 | 18 | 9 | 60 | .2 | 7 | 5 | 236 | 2.60 | 3 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 56 | .06 | .06 | 9 | 11 | .14 | 89 | .01 | 2 | 1.43 | .01 | .03 | 1 | 17 |
| TR 12E 1+75N | 2 | 32 | 4 | 115 | .2 | 8 | 11 | 1595 | 4.65 | 12 | 5 | ND | 1 | 33 | 1 | 4 | 2 | 116 | .17 | .17 | 7 | 19 | 1.08 | 22 | .01 | 2 | 1.97 | .01 | .04 | 1 | 46 |
| TR 12E 1+50N | 2 | 36 | 6 | 108 | .1 | 14 | 9 | 859 | 3.62 | 4 | 5 | ND | 1 | 20 | 1 | 2 | 4 | 71 | .12 | .12 | 6 | 23 | .71 | 32 | .02 | 4 | 1.64 | .01 | .04 | 1 | 32 |
| TR 12E 1+25N | 3 | 33 | 10 | 106 | .1 | 10 | 9 | 1209 | 3.73 | 8 | 5 | ND | 1 | 21 | 1 | 3 | 2 | 75 | .11 | .11 | 8 | 22 | .64 | 39 | .03 | 3 | 1.48 | .01 | .04 | 1 | 28 |
| TR 12E 1+00N | 2 | 33 | 8 | 158 | .2 | 18 | 10 | 1180 | 3.76 | 7 | 5 | ND | 1 | 20 | 1 | 3 | 5 | 80 | .13 | .09 | 6 | 36 | .91 | 31 | .04 | 3 | 1.76 | .01 | .04 | 1 | 25 |
| TR 12E 0+75N | 5 | 40 | 28 | 223 | .1 | 14 | 10 | 1505 | 5.53 | 13 | 5 | ND | 1 | 14 | 1 | 4 | 4 | 135 | .08 | .17 | 5 | 29 | .79 | 43 | .07 | 4 | 1.57 | .01 | .05 | 1 | 25 |
| TR 12E 0+50N | 2 | 14 | 15 | 62 | .1 | 6 | 6 | 769 | 2.07 | 9 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 56 | .09 | .12 | 6 | 12 | .19 | 45 | .01 | 2 | .96 | .01 | .04 | 1 | 32 |
| TR 12E 0+25N | 3 | 40 | 11 | 92 | .4 | 7 | 7 | 526 | 3.05 | 4 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 50 | .04 | .17 | 7 | 11 | .13 | 57 | .01 | 2 | 1.23 | .01 | .04 | 1 | 15 |
| TR 12E 0+00N | 3 | 35 | 14 | 99 | .1 | 12 | 9 | 1051 | 3.80 | 8 | 5 | ND | 1 | 13 | 1 | 4 | 3 | 57 | .11 | .22 | 7 | 55 | .46 | 68 | .01 | 2 | 1.57 | .01 | .03 | 1 | 6 |
| TR 13E 8+75N | 8 | 88 | 3 | 82 | .6 | 30 | 17 | 618 | 5.62 | 5 | 5 | ND | 1 | 37 | 1 | 2 | 3 | 151 | .25 | .15 | 4 | 64 | 1.28 | 72 | .12 | 2 | 2.03 | .01 | .09 | 1 | 15 |
| TR 13E 8+50N | 4 | 101 | 9 | 90 | .2 | 27 | 17 | 673 | 6.15 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 6 | 165 | .25 | .14 | 4 | 62 | 1.45 | 62 | .21 | 3 | 2.40 | .01 | .07 | 1 | 20 |
| TR 13E 8+25N | 3 | 58 | 3 | 74 | .6 | 30 | 12 | 457 | 4.41 | 4 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 139 | .36 | .15 | 3 | 56 | 1.31 | 61 | .22 | 2 | 2.04 | .01 | .07 | 1 | 28 |
| TR 13E 8+00N | 4 | 100 | 6 | 75 | .2 | 23 | 14 | 464 | 4.71 | 4 | 5 | ND | 1 | 38 | 1 | 3 | 2 | 137 | .31 | .15 | 4 | 48 | 1.19 | 71 | .11 | 3 | 2.20 | .01 | .06 | 1 | 20 |
| TR 13E 7+75N | 10 | 88 | 4 | 89 | .3 | 29 | 16 | 739 | 4.96 | 5 | 5 | ND | 1 | 55 | 1 | 2 | 2 | 148 | .37 | .10 | 2 | 53 | 1.75 | 53 | .26 | 3 | 2.51 | .01 | .10 | 1 | 10 |
| TR 13E 7+50N | 4 | 141 | 5 | 104 | .1 | 35 | 21 | 828 | 7.18 | 9 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 187 | .35 | .24 | 3 | 70 | 1.95 | 57 | .16 | 2 | 2.67 | .01 | .09 | 1 | 22 |
| TR 13E 7+25N | 4 | 122 | 12 | 97 | .1 | 32 | 20 | 720 | 6.62 | 7 | 5 | ND | 1 | 34 | 1 | 3 | 2 | 171 | .26 | .14 | 2 | 66 | 1.49 | 63 | .19 | 2 | 2.61 | .01 | .11 | 1 | 25 |
| TR 13E 7+00N | 4 | 125 | 10 | 97 | .4 | 35 | 20 | 679 | 7.12 | 8 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 181 | .31 | .27 | 2 | 72 | 1.66 | 58 | .12 | 2 | 2.54 | .01 | .08 | 1 | 15 |
| STD C/AU-0.5 | 21 | 57 | 41 | 132 | 6.9 | 69 | 28 | 1148 | 3.92 | 37 | 17 | 7 | 36 | 50 | 16 | 15 | 21 | 56 | .48 | .15 | 38 | 57 | .88 | 171 | .07 | 41 | 1.72 | .06 | .11 | 11 | 500 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

PAGE 8

| 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 % | F % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au# PPM |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| TR 13E 6+75M | 3 | 136 | 9 | 102 | .1 | 41 | 23 | 885 | 7.07 | 6 | 5 | ND | 1 | 32 | 1 | 3 | 2 | 181 | .34 | .23 | 3 | 86 | 2.02 | 57 | .21 | 2 | 2.86 | .01 | .10 | 1 | 18 |
| TR 13E 6+50M | 3 | 223 | 6 | 114 | .1 | 48 | 27 | 884 | 7.97 | 9 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 197 | .39 | .32 | 2 | 94 | 2.33 | 79 | .21 | 2 | 3.22 | .01 | .17 | 1 | 17 |
| TR 13E 6+25M | 3 | 97 | 8 | 91 | .5 | 30 | 17 | 677 | 5.88 | 2 | 5 | ND | 1 | 37 | 1 | 2 | 3 | 159 | .30 | .14 | 2 | 66 | 1.48 | 78 | .17 | 2 | 2.38 | .01 | .09 | 1 | 20 |
| TR 13E 6+00M | 4 | 461 | 8 | 110 | .5 | 37 | 32 | 899 | 5.69 | 6 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 152 | .79 | .18 | 2 | 68 | 2.08 | 121 | .15 | 5 | 2.51 | .01 | .16 | 1 | 33 |
| TR 13E 5+75M | 6 | 314 | 22 | 205 | .4 | 25 | 28 | 1971 | 6.23 | 17 | 6 | ND | 1 | 42 | 1 | 2 | 2 | 135 | .48 | .16 | 2 | 58 | 2.39 | 103 | .23 | 6 | 2.80 | .01 | .45 | 1 | 15 |
| TR 13E 5+50M | 4 | 561 | 10 | 121 | .1 | 47 | 27 | 1885 | 7.50 | 10 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 175 | .51 | .32 | 2 | 91 | 2.37 | 122 | .17 | 2 | 2.66 | .01 | .39 | 1 | 445 |
| TR 13E 5+25M | 3 | 147 | 12 | 121 | .4 | 36 | 23 | 899 | 7.28 | 8 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 180 | .36 | .26 | 2 | 69 | 1.95 | 74 | .15 | 2 | 2.69 | .01 | .11 | 1 | 150 |
| TR 13E 5+00M | 2 | 54 | 8 | 95 | .3 | 26 | 17 | 729 | 6.23 | 8 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 171 | .40 | .22 | 2 | 50 | 1.64 | 54 | .22 | 2 | 2.34 | .01 | .11 | 1 | 9 |
| TR 13E 4+75M | 2 | 46 | 5 | 79 | .5 | 16 | 11 | 885 | 4.12 | 2 | 5 | ND | 1 | 31 | 1 | 2 | 3 | 107 | .23 | .13 | 2 | 46 | .89 | 108 | .09 | 2 | 1.54 | .01 | .09 | 1 | 27 |
| TR 13E 4+50M | 3 | 80 | 10 | 97 | .4 | 18 | 13 | 1440 | 4.32 | 4 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 99 | .25 | .14 | 3 | 39 | 1.03 | 104 | .08 | 2 | 1.59 | .01 | .10 | 1 | 20 |
| TR 13E 4+25M | 2 | 94 | 4 | 199 | .5 | 25 | 19 | 1598 | 4.99 | 3 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 103 | .31 | .24 | 3 | 76 | 1.75 | 73 | .11 | 4 | 2.18 | .01 | .13 | 1 | 38 |
| TR 13E 4+00M | 4 | 302 | 12 | 164 | .4 | 39 | 35 | 1375 | 6.41 | 8 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 149 | .82 | .25 | 6 | 77 | 2.34 | 297 | .16 | 2 | 2.41 | .01 | .47 | 1 | 32 |
| TR 13E 3+75M | 4 | 91 | 18 | 249 | .2 | 22 | 17 | 1072 | 4.68 | 8 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 84 | .46 | .19 | 6 | 40 | 1.00 | 139 | .05 | 2 | 1.84 | .01 | .08 | 1 | 27 |
| TR 13E 3+50M | 3 | 38 | 15 | 108 | .2 | 7 | 9 | 634 | 3.17 | 5 | 5 | ND | 1 | 24 | 1 | 3 | 2 | 53 | .21 | .13 | 7 | 17 | .42 | 129 | .02 | 2 | 1.10 | .01 | .05 | 1 | 12 |
| TR 13E 3+25M | 2 | 20 | 7 | 64 | .2 | 4 | 5 | 179 | 2.53 | 4 | 5 | ND | 1 | 11 | 1 | 3 | 2 | 54 | .05 | .10 | 9 | 11 | .12 | 54 | .01 | 2 | 1.35 | .01 | .03 | 1 | 8 |
| TR 13E 3+00M | 2 | 15 | 12 | 41 | .3 | 3 | 3 | 121 | 1.88 | 2 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 36 | .06 | .08 | 6 | 6 | .11 | 72 | .01 | 2 | 1.03 | .01 | .03 | 1 | 7 |
| TR 13E 2+75M | 2 | 23 | 13 | 61 | .2 | 3 | 6 | 281 | 3.74 | 4 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 48 | .05 | .14 | 7 | 11 | .19 | 52 | .01 | 2 | 1.69 | .01 | .03 | 1 | 8 |
| TR 13E 2+50M | 2 | 8 | 8 | 29 | .4 | 2 | 2 | 102 | 1.29 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 26 | .04 | .11 | 6 | 5 | .06 | 34 | .01 | 2 | 1.07 | .01 | .03 | 1 | 26 |
| TR 13E 2+25M | 2 | 15 | 6 | 42 | .1 | 4 | 5 | 221 | 3.27 | 2 | 5 | ND | 2 | 21 | 1 | 3 | 2 | 49 | .05 | .13 | 8 | 7 | .13 | 75 | .01 | 2 | 1.52 | .01 | .02 | 1 | 4 |
| TR 13E 2+00M | 2 | 23 | 9 | 88 | .3 | 5 | 6 | 396 | 2.52 | 4 | 5 | ND | 1 | 20 | 1 | 3 | 2 | 59 | .14 | .11 | 6 | 13 | .54 | 46 | .03 | 2 | 1.47 | .01 | .07 | 1 | 70 |
| STD C/AU-0.5 | 19 | 57 | 39 | 133 | 7.0 | 69 | 29 | 1166 | 3.93 | 36 | 17 | 7 | 36 | 52 | 15 | 15 | 21 | 57 | .48 | .15 | 37 | 58 | .88 | 175 | .08 | 40 | 1.72 | .06 | .11 | 11 | 510 |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-1994

PAGE 9

| SAMPLE# | Hd | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Ti | B | Al | Na | K | W | Au* |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM |
| TR 13E 1+75N | 2 | 18 | 6 | 101 | .2 | 3 | 5 | 652 | 1.95 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 41 | .17 | .10 | 7 | 11 | .39 | 255 | .01 | 2 | 1.17 | .01 | .05 | 1 | 14 |
| TR 13E 1+50N | 3 | 15 | 8 | 84 | .1 | 2 | 4 | 1533 | 1.66 | 2 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 30 | .17 | .12 | 7 | 9 | .12 | 375 | .01 | 3 | .93 | .01 | .05 | 1 | 10 |
| TR 13E 1+25N | 2 | 22 | 9 | 50 | .1 | 4 | 4 | 677 | 2.09 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 48 | .06 | .08 | 9 | 12 | .14 | 125 | .01 | 2 | 1.28 | .01 | .03 | 1 | 9 |
| TR 13E 1+00N | 3 | 39 | 8 | 129 | .2 | 8 | 8 | 991 | 3.53 | 2 | 5 | ND | 1 | 39 | 1 | 3 | 2 | 55 | .26 | .20 | 8 | 17 | .39 | 265 | .01 | 2 | 1.20 | .01 | .06 | 1 | 12 |
| TR 13E 0+75N | 3 | 33 | 9 | 117 | .1 | 6 | 6 | 577 | 3.06 | 4 | 5 | ND | 1 | 31 | 1 | 3 | 3 | 49 | .21 | .17 | 7 | 13 | .28 | 184 | .01 | 2 | 1.21 | .01 | .05 | 1 | 16 |
| TR 13E 0+50N | 2 | 15 | 6 | 50 | .1 | 2 | 3 | 159 | 1.90 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 39 | .05 | .08 | 7 | 12 | .15 | 61 | .01 | 4 | 1.41 | .01 | .03 | 1 | 28 |
| TR 13E 0+25N | 3 | 27 | 4 | 110 | .7 | 6 | 6 | 482 | 3.08 | 3 | 5 | ND | 1 | 15 | 1 | 3 | 2 | 47 | .15 | .21 | 6 | 16 | .40 | 64 | .01 | 2 | 1.51 | .01 | .03 | 1 | 53 |
| TR 13E 0+00N | 2 | 23 | 3 | 51 | .5 | 3 | 3 | 220 | 1.71 | 2 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 33 | .05 | .10 | 7 | 10 | .12 | 55 | .01 | 2 | 1.20 | .01 | .03 | 1 | 10 |
| TR 14E 8+50N | 3 | 71 | 2 | 100 | .1 | 41 | 18 | 672 | 7.56 | 3 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 212 | .28 | .22 | 2 | 79 | 1.85 | 56 | .21 | 2 | 2.56 | .01 | .08 | 1 | 8 |
| TR 14E 8+25N | 2 | 40 | 4 | 73 | .4 | 23 | 13 | 940 | 4.79 | 2 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 143 | .26 | .13 | 3 | 56 | 1.06 | 91 | .18 | 2 | 1.75 | .01 | .08 | 1 | 15 |
| TR 14E 8+00N | 3 | 126 | 2 | 98 | .3 | 33 | 20 | 702 | 6.77 | 2 | 5 | ND | 1 | 32 | 1 | 2 | 3 | 175 | .28 | .19 | 2 | 76 | 1.62 | 55 | .14 | 2 | 2.76 | .01 | .10 | 1 | 16 |
| TR 14E 7+75N | 3 | 88 | 3 | 87 | .1 | 28 | 17 | 908 | 6.15 | 2 | 5 | ND | 1 | 29 | 1 | 3 | 4 | 167 | .24 | .13 | 4 | 76 | 1.57 | 64 | .21 | 2 | 2.37 | .01 | .12 | 1 | 20 |
| TR 14E 7+50N | 3 | 155 | 7 | 95 | .3 | 35 | 21 | 914 | 6.27 | 2 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 180 | .30 | .16 | 4 | 70 | 1.82 | 54 | .17 | 2 | 2.63 | .01 | .07 | 1 | 34 |
| TR 14E 7+25N | 3 | 87 | 12 | 85 | .7 | 31 | 16 | 1222 | 5.38 | 2 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 156 | .26 | .15 | 6 | 65 | 1.43 | 85 | .18 | 2 | 2.34 | .01 | .07 | 1 | 18 |
| TR 14E 7+00N | 4 | 455 | 2 | 110 | .8 | 48 | 38 | 1279 | 7.22 | 7 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 183 | .56 | .30 | 9 | 86 | 2.37 | 100 | .18 | 2 | 2.81 | .01 | .22 | 1 | 47 |
| TR 14E 6+75N | 3 | 86 | 2 | 71 | .2 | 25 | 14 | 777 | 5.01 | 2 | 5 | ND | 1 | 38 | 1 | 3 | 2 | 133 | .24 | .18 | 5 | 56 | 1.04 | 59 | .09 | 2 | 1.78 | .01 | .07 | 1 | 35 |
| TR 14E 6+50N | 3 | 208 | 2 | 95 | .2 | 35 | 23 | 816 | 7.02 | 6 | 7 | ND | 1 | 31 | 1 | 2 | 2 | 170 | .30 | .27 | 6 | 74 | 1.70 | 51 | .15 | 2 | 2.55 | .01 | .06 | 1 | 60 |
| STD C/AU-0.5 | 19 | 57 | 39 | 132 | 7.1 | 68 | 28 | 1152 | 3.92 | 38 | 18 | 8 | 36 | 51 | 15 | 16 | 20 | 57 | .48 | .14 | 39 | 58 | .88 | 174 | .08 | 39 | 1.72 | .06 | .10 | 11 | 500 |

GEOCHEMICAL ICP ANALYSIS

.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, CA, P, CR, MG, BA, TI, B, AL, NA, F, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA**AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: SEPT 23 1985 DATE REPORT MAILED: *Sept. 25/85* ASSAYER: *J. Saundry* DEAN TOYE OR TOM SAUNDY, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-2467

PAGE 1

| SAMPLE# | No 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 | Hg PPB |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|------|-----|--------|--------|------|--------|------|-------|------|------|------|-------|----------|--------|
| 1001 | 2 | 148 | 2 | 167 | .3 | 21 | 26 | 2091 | 6.01 | 20 | 5 | ND | 1 | 411 | 1 | 2 | 2 | 124 | 3.60 | .16 | 3 | 26 | 2.68 | 52 | .12 | 2 | 2.53 | .02 | .94 | 1 | 120 | 5 |
| 1002 | 2 | 149 | 3 | 109 | .3 | 30 | 30 | 1990 | 7.67 | 29 | 5 | ND | 1 | 154 | 1 | 2 | 2 | 100 | 3.50 | .17 | 4 | 102 | 2.75 | 42 | .06 | 2 | 2.46 | .02 | .36 | 1 | 125 | 5 |
| 1003 | 2 | 156 | 2 | 117 | .3 | 57 | 29 | 2747 | 6.77 | 21 | 5 | ND | 2 | 220 | 1 | 2 | 2 | 123 | 5.01 | .20 | 8 | 208 | 3.44 | 71 | .09 | 2 | 2.91 | .01 | .68 | 1 | 95 | 5 |
| 1004 | 2 | 152 | 5 | 72 | .3 | 8 | 17 | 1194 | 3.99 | 24 | 5 | ND | 1 | 93 | 1 | 2 | 2 | 66 | 2.20 | .15 | 4 | 11 | 1.59 | 61 | .06 | 3 | 1.53 | .03 | .42 | 1 | 32 | 5 |
| 1005 | 2 | 429 | 2 | 81 | .5 | 14 | 32 | 1222 | 4.89 | 20 | 5 | ND | 1 | 100 | 1 | 2 | 2 | 66 | 2.27 | .15 | 6 | 10 | 1.86 | 35 | .05 | 2 | 1.67 | .03 | .44 | 1 | 60 | 5 |
| 1006 | 2 | 227 | 2 | 79 | .4 | 10 | 31 | 1145 | 4.71 | 19 | 5 | ND | 1 | 88 | 1 | 2 | 2 | 65 | 2.02 | .15 | 4 | 15 | 1.79 | 33 | .05 | 2 | 1.49 | .02 | .33 | 1 | 37 | 5 |
| 1007 | 3 | 78 | 2 | 93 | .2 | 9 | 18 | 1659 | 5.70 | 19 | 5 | ND | 2 | 128 | 1 | 2 | 2 | 108 | 3.50 | .14 | 3 | 22 | 2.23 | 70 | .09 | 2 | 2.07 | .02 | .46 | 1 | 28 | 5 |
| 1008 | 2 | 27 | 2 | 114 | .3 | 13 | 26 | 1744 | 5.87 | 20 | 5 | ND | 1 | 124 | 1 | 2 | 2 | 73 | 3.85 | .16 | 5 | 13 | 2.36 | 46 | .07 | 2 | 2.26 | .02 | .58 | 1 | 24 | 5 |
| 1009 | 2 | 13 | 2 | 112 | .2 | 14 | 22 | 1658 | 5.57 | 19 | 5 | ND | 1 | 124 | 1 | 2 | 2 | 58 | 3.71 | .17 | 6 | 12 | 2.10 | 58 | .10 | 3 | 2.17 | .01 | .71 | 1 | 27 | 5 |
| 1010 | 1 | 22 | 10 | 125 | .2 | 14 | 17 | 1692 | 5.75 | 18 | 5 | ND | 1 | 143 | 1 | 2 | 2 | 83 | 3.62 | .16 | 5 | 14 | 2.34 | 76 | .11 | 2 | 2.38 | .01 | .95 | 1 | 18 | 5 |
| 1011 | 1 | 163 | 4 | 142 | .2 | 15 | 19 | 2307 | 6.29 | 17 | 5 | ND | 1 | 173 | 1 | 2 | 2 | 105 | 3.68 | .14 | 3 | 29 | 3.23 | 98 | .07 | 2 | 2.85 | .01 | .37 | 1 | 90 | 5 |
| 1012 | 2 | 475 | 6 | 171 | 1.3 | 25 | 72 | 2086 | 10.69 | 24 | 5 | ND | 1 | 110 | 1 | 2 | 2 | 159 | 2.70 | .14 | 8 | 34 | 3.39 | 30 | .18 | 2 | 3.25 | .01 | 1.45 | 1 | 790 | 5 |
| 1013 | 2 | 563 | 3 | 124 | 1.1 | 14 | 30 | 1752 | 7.11 | 26 | 5 | ND | 2 | 172 | 1 | 2 | 2 | 110 | 3.88 | .14 | 8 | 20 | 2.40 | 40 | .14 | 2 | 2.29 | .02 | 1.06 | 1 | 350 | 5 |
| 1014 | 1 | 230 | 6 | 141 | .5 | 15 | 35 | 2021 | 7.00 | 19 | 5 | ND | 1 | 147 | 1 | 2 | 2 | 139 | 3.33 | .14 | 5 | 26 | 3.18 | 47 | .11 | 2 | 2.80 | .02 | .90 | 1 | 295 | 5 |
| 1015 | 1 | 152 | 9 | 139 | .6 | 35 | 33 | 2777 | 8.59 | 18 | 5 | ND | 2 | 174 | 1 | 2 | 2 | 212 | 4.74 | .15 | 10 | 93 | 3.63 | 52 | .15 | 2 | 3.06 | .02 | 1.21 | 1 | 175 | 5 |
| 1016 | 3 | 33 | 9 | 93 | .3 | 27 | 27 | 1997 | 6.87 | 16 | 5 | ND | 2 | 163 | 1 | 2 | 2 | 96 | 4.76 | .16 | 11 | 58 | 1.96 | 29 | .08 | 2 | 1.64 | .02 | .57 | 1 | 130 | 5 |
| 1017 | 5 | 14 | 13 | 65 | .3 | 16 | 29 | 1036 | 5.87 | 16 | 5 | ND | 1 | 80 | 1 | 2 | 2 | 38 | 2.12 | .15 | 4 | 18 | 1.06 | 17 | .01 | 2 | .94 | .02 | .15 | 1 | 90 | 5 |
| 1018 | 2 | 16 | 11 | 116 | .3 | 18 | 35 | 1433 | 6.25 | 19 | 5 | ND | 1 | 93 | 1 | 2 | 2 | 72 | 2.13 | .18 | 8 | 22 | 2.07 | 26 | .08 | 4 | 1.92 | .01 | .61 | 1 | 65 | 5 |
| 1019 | 7 | 15 | 4 | 116 | .4 | 20 | 51 | 1391 | 8.58 | 24 | 5 | ND | 1 | 106 | 1 | 2 | 2 | 70 | 2.50 | .18 | 4 | 14 | 1.79 | 17 | .06 | 2 | 1.63 | .01 | .49 | 1 | 140 | 5 |
| 1020 | 27 | 16 | 8 | 70 | .2 | 17 | 38 | 1172 | 5.22 | 20 | 5 | ND | 1 | 97 | 1 | 2 | 2 | 45 | 2.64 | .18 | 4 | 12 | 1.16 | 21 | .05 | 2 | 1.12 | .01 | .36 | 1 | 60 | 5 |
| 1021 | 41 | 16 | 4 | 40 | .5 | 14 | 43 | 1043 | 6.87 | 27 | 5 | ND | 2 | 130 | 1 | 5 | 3 | 8 | 3.13 | .10 | 6 | 8 | .65 | 14 | .01 | 2 | .65 | .01 | .24 | 836 | 310 | 5 |
| 1022 | 43 | 16 | 6 | 64 | .2 | 11 | 29 | 1219 | 6.20 | 17 | 5 | ND | 1 | 143 | 1 | 2 | 2 | 46 | 2.76 | .14 | 8 | 12 | 1.05 | 21 | .04 | 2 | .96 | .01 | .43 | 5 | 205 | 5 |
| 1023 | 6 | 19 | 5 | 70 | .3 | 19 | 51 | 1063 | 6.94 | 17 | 5 | ND | 1 | 76 | 1 | 2 | 2 | 49 | 1.51 | .18 | 4 | 22 | 1.32 | 17 | .05 | 2 | 1.11 | .01 | .45 | 5 | 75 | 5 |
| 1024 | 7 | 1387 | 9 | 58 | 1.3 | 13 | 44 | 980 | 6.51 | 19 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 15 | 2.56 | .15 | 4 | 6 | .90 | 15 | .02 | 2 | .51 | .01 | .30 | 1 | 115 | 5 |
| 1025 | 6 | 27 | 10 | 75 | .3 | 17 | 37 | 1272 | 6.74 | 15 | 5 | ND | 1 | 62 | 1 | 2 | 2 | 23 | 1.77 | .16 | 2 | 13 | 1.09 | 15 | .03 | 2 | .76 | .01 | .31 | 1 | 50 | 5 |
| 1026 | 9 | 20 | 7 | 62 | .2 | 21 | 45 | 1114 | 6.93 | 18 | 5 | ND | 1 | 94 | 1 | 2 | 2 | 26 | 1.27 | .17 | 4 | 11 | .94 | 17 | .04 | 2 | .86 | .01 | .39 | 1 | 70 | 5 |
| 1027 | 19 | 84 | 12 | 88 | .5 | 22 | 49 | 1926 | 7.27 | 30 | 5 | ND | 2 | 96 | 1 | 2 | 2 | 25 | 5.18 | .12 | 5 | 9 | 1.96 | 25 | .05 | 2 | .73 | .01 | .48 | 1 | 125 | 5 |
| 1028 | 4 | 23 | 10 | 43 | .3 | 17 | 38 | 1008 | 5.30 | 12 | 5 | ND | 1 | 88 | 1 | 2 | 2 | 11 | 1.36 | .10 | 2 | 7 | .56 | 16 | .01 | 3 | .37 | .01 | .20 | 1 | 60 | 5 |
| 1029 | 8 | 14 | 10 | 55 | .3 | 21 | 29 | 908 | 6.14 | 11 | 5 | ND | 1 | 104 | 1 | 2 | 2 | 22 | 1.11 | .15 | 3 | 17 | .63 | 14 | .01 | 5 | .46 | .02 | .15 | 1 | 115 | 5 |
| 1030 | 72 | 6 | 2 | 30 | .2 | 11 | 10 | 933 | 2.68 | 10 | 5 | ND | 1 | 89 | 1 | 2 | 2 | 24 | 1.82 | .06 | 2 | 10 | .57 | 32 | .01 | 3 | .17 | .04 | .05 | 1 | 125 | 5 |
| 1031 | 14 | 11 | 2 | 30 | .3 | 17 | 26 | 846 | 4.31 | 11 | 5 | ND | 1 | 70 | 1 | 2 | 2 | 18 | 1.24 | .10 | 2 | 9 | .60 | 20 | .01 | 2 | .34 | .03 | .13 | 1 | 75 | 5 |
| 1032 | 26 | 90 | 13 | 56 | 1.2 | 21 | 76 | 1249 | 10.12 | 19 | 5 | ND | 1 | 86 | 1 | 2 | 2 | 41 | 2.31 | .12 | 3 | 15 | 1.16 | 6 | .05 | 2 | .59 | .02 | .35 | 1 | 475 | 5 |
| 1033 | 21 | 69248 | 13 | 210 | 34.8 | 12 | 127 | 2561 | 15.10 | 2 | 5 | ND | 3 | 104 | 11 | 2 | 2 | 23 | 5.96 | .76 | 8 | 6 | 2.13 | 11 | .01 | 2 | .17 | .01 | .09 | 1 | 1840 | 5 |
| 1034 | 18 | 854 | 14 | 85 | .8 | 22 | 61 | 1378 | 11.01 | 17 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 63 | 1.37 | .17 | 2 | 17 | 1.66 | 12 | .12 | 2 | 1.38 | .01 | .86 | 1 | 75 | 5 |
| 1035 | 15 | 227 | 7 | 43 | .5 | 17 | 77 | 1056 | 9.35 | 14 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 17 | 1.51 | .09 | 3 | 11 | .84 | 7 | .01 | 2 | .39 | .01 | .13 | 1 | 60 | 5 |
| 1036 | 3 | 494 | 11 | 91 | .7 | 19 | 51 | 1414 | 7.65 | 15 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 58 | 2.10 | .15 | 4 | 15 | 1.89 | 17 | .10 | 2 | 1.52 | .01 | .73 | 1 | 230 | 5 |
| STD C/FA-AU | 20 | 60 | 46 | 134 | 7.2 | 66 | 29 | 1164 | 3.97 | 39 | 17 | 7 | 37 | 52 | 17 | 15 | 21 | 58 | .48 | .15 | 38 | 57 | .88 | 173 | .07 | 38 | 1.72 | .06 | .10 | 11 | 47 | 1200 |

Assay required for correct result

Upper limit 100 ppm.

IMPERIAL METALS PROJECT - 4117 FILE # 85-2467

PAGE 2

| 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 | Au11 PPB | Hg PPB |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|-----------|
| 1037 | 3 | 2566 | 11 | 125 | 3.6 | 22 | 40 | 1447 | 12.45 | 23 | 5 | ND | 1 | 74 | 1 | 2 | 2 | 79 | 2.32 | .18 | 7 | 14 | 2.34 | 14 | .09 | 4 | 1.94 | .01 | .61 | 1 | 450 | 5 |
| 1038 | 5 | 401 | 6 | 82 | .6 | 10 | 29 | 1205 | 4.54 | 11 | 5 | ND | 1 | 657 | 1 | 2 | 2 | 27 | 2.28 | .09 | 3 | 18 | 1.25 | 33 | .01 | 2 | .99 | .02 | .11 | 1 | 170 | 5 |
| 1039 | 4 | 49 | 6 | 39 | .1 | 15 | 13 | 816 | 3.03 | 8 | 5 | ND | 1 | 217 | 1 | 2 | 2 | 14 | 1.86 | .08 | 4 | 12 | .70 | 34 | .01 | 2 | .46 | .02 | .11 | 1 | 32 | 5 |
| 1040 | 3 | 98 | 3 | 109 | .4 | 18 | 38 | 1257 | 6.81 | 18 | 5 | ND | 1 | 151 | 1 | 2 | 2 | 62 | 2.38 | .17 | 6 | 45 | 1.88 | 19 | .02 | 2 | 1.39 | .02 | .18 | 1 | 95 | 5 |
| 1041 | 10 | 92 | 3 | 94 | .3 | 16 | 44 | 1290 | 6.11 | 16 | 5 | ND | 1 | 270 | 1 | 2 | 3 | 56 | 2.72 | .15 | 6 | 32 | 1.70 | 26 | .01 | 2 | 1.07 | .02 | .11 | 1 | 75 | 5 |
| 1042 | 3 | 403 | 8 | 89 | .3 | 2 | 27 | 1283 | 5.19 | 10 | 5 | ND | 2 | 103 | 1 | 2 | 2 | 74 | 2.39 | .18 | 9 | 6 | 1.33 | 130 | .01 | 2 | .82 | .03 | .13 | 1 | 21 | 5 |
| 1043 | 12 | 35253 | 20 | 141 | 24.2 | 16 | 69 | 1237 | 21.79 | 162 | 5 | 7 | 2 | 72 | 1 | 2 | 2 | 28 | 2.80 | .44 | 11 | 12 | .97 | 11 | .01 | 4 | .63 | .01 | .12 | 1 | 12200 | 5 |
| STD C | 21 | 60 | 40 | 129 | 7.3 | 68 | 28 | 1121 | 3.95 | 38 | 17 | 7 | 36 | 50 | 17 | 15 | 21 | 56 | .48 | .14 | 36 | 57 | .87 | 185 | .07 | 39 | 1.70 | .06 | .10 | 11 | - | 1200 |

ASSAY CERTIFICATE

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU** BY FIRE ASSAY

DATE RECEIVED: SEPT 27 1985 DATE REPORT MAILED: *Oct. 8/85* ASSAYER: *D. J. [Signature]* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-2567

PAGE 1

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** | Au** |
|-------------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|----|------|-----|-----|-----|------|------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | PPM | % | % | % | PPM | PPB | OZ/T | |
| 1044 | 9 | 31 | 13 | 83 | .4 | 8 | 39 | 1996 | 5.99 | 13 | 5 | ND | 1 | 157 | 1 | 2 | 2 | 63 | 5.64 | .23 | 5 | 6 | 1.19 | 28 | .05 | 4 | 1.67 | .01 | .27 | 1 | 31 | - |
| 1045 | 5 | 41 | 8 | 86 | .1 | 9 | 35 | 1404 | 5.23 | 13 | 5 | ND | 1 | 118 | 1 | 2 | 2 | 53 | 2.89 | .27 | 5 | 3 | 1.30 | 35 | .07 | 3 | 1.75 | .01 | .25 | 1 | 27 | - |
| 1046 | 5 | 11 | 2 | 81 | .2 | 9 | 29 | 1570 | 4.39 | 13 | 5 | ND | 1 | 146 | 1 | 2 | 2 | 62 | 3.90 | .26 | 3 | 6 | 1.23 | 36 | .05 | 2 | 1.68 | .01 | .33 | 1 | 19 | - |
| 1047 | 5 | 11 | 9 | 98 | .1 | 11 | 33 | 1680 | 5.27 | 16 | 5 | ND | 1 | 162 | 1 | 3 | 2 | 71 | 3.65 | .25 | 6 | 5 | 1.58 | 31 | .03 | 2 | 1.98 | .01 | .35 | 1 | 29 | - |
| 1048 | 10 | 166 | 9 | 114 | .3 | 16 | 59 | 2314 | 5.72 | 17 | 6 | ND | 1 | 172 | 1 | 4 | 2 | 43 | 5.54 | .17 | 6 | 9 | 1.71 | 35 | .02 | 4 | 1.85 | .01 | .27 | 1 | 55 | - |
| 1049 | 12 | 30 | 9 | 110 | .4 | 18 | 49 | 1563 | 5.24 | 16 | 5 | ND | 1 | 163 | 1 | 2 | 2 | 60 | 2.33 | .18 | 4 | 13 | 1.80 | 32 | .06 | 2 | 2.12 | .01 | .35 | 1 | 44 | - |
| 1050 | 13 | 14 | 10 | 92 | .1 | 15 | 32 | 1475 | 4.80 | 14 | 5 | ND | 1 | 196 | 1 | 3 | 2 | 59 | 2.70 | .16 | 2 | 13 | 1.61 | 25 | .08 | 2 | 1.93 | .01 | .32 | 1 | 225 | - |
| 1051 | 8 | 74 | 13 | 128 | .1 | 16 | 31 | 1733 | 6.16 | 16 | 5 | ND | 1 | 153 | 1 | 2 | 2 | 80 | 2.38 | .17 | 3 | 21 | 2.30 | 27 | .11 | 2 | 2.34 | .02 | .68 | 1 | 43 | - |
| 1052 | 1 | 12 | 6 | 95 | .1 | 11 | 21 | 1415 | 4.88 | 12 | 5 | ND | 1 | 155 | 1 | 2 | 2 | 73 | 2.16 | .16 | 2 | 12 | 1.62 | 68 | .08 | 2 | 1.73 | .02 | .30 | 1 | 190 | - |
| 1053 | 2 | 234 | 7 | 94 | .3 | 12 | 24 | 1610 | 4.73 | 11 | 5 | ND | 1 | 165 | 1 | 2 | 2 | 65 | 3.56 | .17 | 5 | 11 | 1.55 | 34 | .02 | 2 | 1.59 | .01 | .20 | 1 | 33 | - |
| 1054 | 2 | 8 | 7 | 85 | .1 | 14 | 17 | 1540 | 4.25 | 14 | 5 | ND | 1 | 175 | 1 | 2 | 3 | 56 | 4.04 | .16 | 3 | 19 | 1.44 | 48 | .07 | 2 | 1.71 | .01 | .52 | 1 | 17 | - |
| 1055 | 2 | 64 | 9 | 88 | .4 | 14 | 22 | 1484 | 4.32 | 10 | 5 | ND | 1 | 183 | 1 | 2 | 2 | 66 | 3.10 | .16 | 5 | 17 | 1.54 | 43 | .12 | 2 | 1.77 | .01 | .42 | 1 | 165 | - |
| 1056 | 1 | 13 | 9 | 84 | .4 | 27 | 21 | 1411 | 4.18 | 12 | 5 | ND | 1 | 140 | 1 | 2 | 4 | 70 | 2.81 | .16 | 3 | 21 | 1.55 | 37 | .10 | 2 | 1.54 | .02 | .30 | 1 | 215 | - |
| 1057 | 5 | 90 | 14 | 161 | .4 | 206 | 8 | 3127 | 5.85 | 13 | 5 | ND | 1 | 300 | 1 | 2 | 3 | 117 | 4.83 | .19 | 3 | 204 | 4.01 | 93 | .19 | 3 | 3.44 | .01 | .38 | 1 | 625 | - |
| 1058 | 4 | 9 | 12 | 182 | .1 | 204 | 12 | 3340 | 7.00 | 10 | 5 | ND | 1 | 282 | 1 | 2 | 2 | 137 | 5.63 | .18 | 5 | 205 | 4.51 | 187 | .09 | 3 | 3.80 | .02 | .64 | 1 | 15 | - |
| 1059 | 6 | 15 | 10 | 122 | .3 | 38 | 22 | 2097 | 5.85 | 13 | 5 | ND | 1 | 221 | 1 | 2 | 2 | 83 | 3.93 | .20 | 6 | 41 | 2.56 | 52 | .07 | 5 | 2.21 | .01 | .40 | 1 | 33 | - |
| 1060 | 4 | 11 | 16 | 92 | .1 | 17 | 18 | 1562 | 4.33 | 13 | 5 | ND | 1 | 285 | 1 | 2 | 2 | 80 | 2.48 | .18 | 5 | 19 | 1.91 | 63 | .14 | 4 | 1.87 | .01 | .27 | 1 | 22 | - |
| 1061 | 4 | 23 | 11 | 82 | .2 | 13 | 13 | 1440 | 6.27 | 9 | 5 | ND | 1 | 203 | 1 | 2 | 2 | 78 | 1.91 | .15 | 3 | 14 | 1.71 | 43 | .10 | 3 | 1.87 | .01 | .26 | 1 | 90 | - |
| 1062 | 2 | 11 | 12 | 123 | .1 | 15 | 22 | 1581 | 6.05 | 15 | 5 | ND | 1 | 115 | 1 | 2 | 2 | 96 | 2.03 | .22 | 4 | 22 | 2.36 | 34 | .09 | 2 | 2.20 | .02 | .35 | 1 | 75 | - |
| 1063 | 2 | 21 | 10 | 111 | .2 | 15 | 24 | 1530 | 6.19 | 13 | 5 | ND | 1 | 121 | 1 | 2 | 2 | 108 | 2.14 | .23 | 3 | 21 | 2.09 | 26 | .17 | 2 | 2.24 | .01 | .92 | 1 | 96 | - |
| 1064 | 5 | 12 | 9 | 111 | .1 | 14 | 25 | 1520 | 5.84 | 16 | 5 | ND | 1 | 133 | 1 | 2 | 2 | 76 | 2.52 | .18 | 5 | 18 | 1.94 | 35 | .05 | 4 | 2.02 | .02 | .42 | 1 | 19 | - |
| 1065 | 3 | 21 | 13 | 106 | .1 | 13 | 21 | 1814 | 5.83 | 11 | 5 | ND | 1 | 329 | 1 | 2 | 2 | 88 | 3.10 | .14 | 8 | 16 | 1.94 | 47 | .02 | 3 | 2.19 | .01 | .27 | 1 | 14 | - |
| 1066 | 21 | 167 | 100 | 242 | 1.1 | 33 | 44 | 2136 | 7.45 | 34 | 5 | ND | 1 | 216 | 1 | 2 | 8 | 44 | 7.94 | .29 | 18 | 25 | 2.37 | 15 | .01 | 7 | .65 | .01 | .31 | 2 | 115 | - |
| 1067 | 6 | 32 | 33 | 115 | 1.3 | 13 | 30 | 1582 | 7.21 | 11 | 6 | ND | 1 | 123 | 1 | 2 | 2 | 23 | 6.54 | .17 | 5 | 3 | 2.20 | 16 | .01 | 5 | .51 | .01 | .25 | 1 | 120 | - |
| 1068 | 27 | 656 | 298 | 473 | 3.3 | 13 | 38 | 1662 | 8.03 | 14 | 5 | ND | 1 | 156 | 2 | 2 | 4 | 15 | 6.27 | .12 | 2 | 4 | 2.37 | 7 | .01 | 6 | .39 | .01 | .21 | 1 | 135 | - |
| 1069 | 3 | 97 | 18 | 88 | .8 | 25 | 41 | 1467 | 7.22 | 11 | 5 | ND | 1 | 98 | 1 | 2 | 2 | 39 | 2.71 | .15 | 4 | 27 | 1.18 | 9 | .01 | 5 | .67 | .01 | .22 | 1 | 55 | - |
| 1070 | 4 | 4399 | 16 | 105 | 3.6 | 14 | 21 | 1752 | 8.27 | 11 | 5 | ND | 1 | 154 | 1 | 2 | 2 | 55 | 2.63 | .13 | 5 | 17 | 1.61 | 9 | .02 | 5 | 1.00 | .02 | .23 | 1 | 1330 | .041 |
| 1071 | 4 | 5253 | 12 | 134 | 2.8 | 14 | 35 | 1535 | 7.73 | 19 | 5 | ND | 2 | 81 | 1 | 2 | 2 | 75 | 1.96 | .18 | 8 | 27 | 1.66 | 10 | .05 | 5 | 1.58 | .02 | .47 | 1 | 540 | - |
| 1072 | 7 | 552 | 16 | 153 | 1.1 | 18 | 43 | 1853 | 9.29 | 17 | 5 | ND | 1 | 101 | 1 | 2 | 2 | 61 | 2.76 | .18 | 8 | 21 | 2.03 | 10 | .04 | 6 | 1.79 | .02 | .39 | 1 | 135 | - |
| 1073 | 2 | 229 | 15 | 161 | .9 | 18 | 33 | 1866 | 8.58 | 20 | 5 | ND | 1 | 149 | 1 | 2 | 2 | 67 | 2.59 | .22 | 7 | 26 | 2.19 | 9 | .01 | 5 | 1.90 | .01 | .22 | 1 | 90 | - |
| 1074 | 3 | 70 | 15 | 117 | .2 | 16 | 19 | 1505 | 6.96 | 13 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 54 | 2.02 | .17 | 6 | 24 | 1.89 | 8 | .01 | 4 | 1.65 | .02 | .22 | 1 | 44 | - |
| 1075 | 3 | 86 | 17 | 119 | .1 | 13 | 20 | 1692 | 7.43 | 13 | 5 | ND | 1 | 82 | 1 | 2 | 2 | 67 | 2.26 | .17 | 9 | 17 | 2.04 | 8 | .01 | 5 | 1.70 | .02 | .19 | 1 | 32 | - |
| 1076 | 2 | 66 | 13 | 104 | .2 | 11 | 22 | 1392 | 6.71 | 11 | 5 | ND | 1 | 72 | 1 | 2 | 2 | 75 | 1.77 | .16 | 11 | 20 | 1.69 | 10 | .01 | 5 | 1.45 | .02 | .17 | 1 | 11 | - |
| 1077 | 4 | 16 | 17 | 98 | .2 | 11 | 18 | 1330 | 5.83 | 10 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 68 | 2.44 | .17 | 12 | 14 | 1.52 | 12 | .02 | 4 | 1.29 | .02 | .16 | 40 | 30 | - |
| 1078 | 1 | 131 | 11 | 121 | .3 | 10 | 17 | 1348 | 6.63 | 8 | 5 | ND | 1 | 112 | 1 | 2 | 2 | 77 | 1.70 | .17 | 7 | 13 | 1.82 | 16 | .08 | 2 | 1.56 | .03 | .36 | 1 | 12 | - |
| 1079 | 2 | 63 | 13 | 110 | .1 | 13 | 13 | 1263 | 5.90 | 9 | 5 | ND | 1 | 634 | 1 | 2 | 2 | 72 | 1.95 | .17 | 9 | 21 | 1.57 | 16 | .08 | 4 | 1.35 | .02 | .19 | 1 | 13 | - |
| STD C/FA-AU | 20 | 58 | 40 | 132 | 7.0 | 67 | 27 | 1199 | 3.98 | 39 | 17 | 8 | 37 | 53 | 17 | 15 | 20 | 58 | .48 | .13 | 38 | 57 | .88 | 180 | .08 | 38 | 1.73 | .06 | .12 | 11 | 49 | - |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-2567

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** | Au** |
|-------------|------|-----|------|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|------|-----|-----|----|------|-----|------|-----|-------|------|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | % | % | % | PPM | PPB | OZ/T | |
| 1080 | 2 | 47 | 12 | 125 | .1 | 9 | 14 | 1218 | 5.49 | 10 | 5 | ND | 2 | 586 | 1 | 2 | 2 | 68 | 1.80 | .16 | 5 | 13 | 1.52 | 26 | .03 | 2 | 1.33 | .01 | .12 | 1 | 22 | - |
| 1081 | 2 | 141 | 12 | 149 | .9 | 10 | 19 | 1328 | 6.32 | 15 | 5 | ND | 4 | 111 | 1 | 2 | 2 | 65 | 1.45 | .17 | 7 | 13 | 1.65 | 27 | .02 | 2 | 1.39 | .03 | .32 | 1 | 375 | - |
| 1082 | 3 | 132 | 10 | 102 | .2 | 9 | 16 | 866 | 6.51 | 10 | 5 | ND | 3 | 63 | 1 | 2 | 2 | 54 | .71 | .17 | 6 | 6 | .91 | 29 | .04 | 3 | 1.01 | .02 | .47 | 1 | 46 | - |
| 1083 | 2 | 123 | 11 | 95 | .1 | 10 | 16 | 800 | 5.40 | 11 | 5 | ND | 5 | 62 | 1 | 2 | 2 | 51 | .83 | .19 | 17 | 6 | .72 | 20 | .01 | 3 | .72 | .02 | .18 | 1 | 26 | - |
| 1084 | 3 | 122 | 14 | 159 | .3 | 18 | 38 | 2395 | 7.51 | 21 | 5 | ND | 2 | 131 | 1 | 2 | 2 | 136 | 3.31 | .17 | 2 | 16 | 2.87 | 18 | .14 | 5 | 2.33 | .02 | .10 | 1 | 70 | - |
| 1085 | 3 | 53 | 16 | 132 | .4 | 15 | 36 | 2118 | 6.71 | 18 | 5 | ND | 2 | 142 | 1 | 2 | 2 | 119 | 3.36 | .18 | 2 | 16 | 2.45 | 29 | .14 | 3 | 2.17 | .02 | .15 | 1 | 50 | - |
| 1086 | 4 | 61 | 27 | 163 | .5 | 22 | 28 | 3218 | 8.75 | 12 | 5 | ND | 2 | 168 | 1 | 2 | 2 | 222 | 4.98 | .15 | 2 | 40 | 3.93 | 33 | .13 | 4 | 3.18 | .01 | .35 | 1 | 37 | - |
| 1087 | 11 | 54 | 24 | 147 | .4 | 26 | 38 | 2986 | 7.77 | 14 | 5 | ND | 2 | 214 | 1 | 3 | 2 | 95 | 7.81 | .14 | 4 | 41 | 2.23 | 32 | .01 | 3 | 2.06 | .01 | .17 | 1 | 55 | - |
| 1088 | 1 | 18 | 12 | 114 | .1 | 24 | 19 | 2067 | 5.69 | 13 | 5 | ND | 3 | 169 | 1 | 2 | 2 | 131 | 3.80 | .18 | 5 | 32 | 2.96 | 51 | .18 | 3 | 2.30 | .03 | .18 | 1 | 8 | - |
| 1089 | 1 | 19 | 6 | 78 | .2 | 16 | 28 | 1366 | 4.82 | 19 | 5 | ND | 1 | 159 | 1 | 2 | 2 | 93 | 1.32 | .14 | 2 | 14 | 1.94 | 18 | .18 | 3 | 1.45 | .03 | .07 | 1 | 14 | - |
| 1090 | 2 | 24 | 15 | 65 | .1 | 17 | 38 | 1251 | 5.70 | 22 | 5 | ND | 1 | 99 | 1 | 6 | 2 | 80 | 1.54 | .15 | 2 | 13 | 1.56 | 20 | .21 | 5 | 1.28 | .03 | .12 | 1 | 20 | - |
| 1091 | 1 | 33 | 16 | 50 | .1 | 20 | 31 | 1371 | 6.19 | 16 | 5 | ND | 2 | 221 | 1 | 2 | 2 | 102 | 3.03 | .12 | 2 | 12 | 1.67 | 8 | .15 | 6 | 1.37 | .02 | .04 | 2 | 50 | - |
| 1092 | 2 | 23 | 8 | 88 | .1 | 18 | 27 | 1948 | 6.08 | 17 | 5 | ND | 2 | 146 | 1 | 3 | 2 | 126 | 3.15 | .15 | 2 | 19 | 2.37 | 30 | .23 | 3 | 1.85 | .02 | .31 | 1 | 17 | - |
| 1093 | 1 | 16 | 10 | 104 | .1 | 14 | 17 | 1886 | 4.99 | 14 | 5 | ND | 1 | 88 | 1 | 2 | 4 | 106 | 1.81 | .17 | 2 | 16 | 2.51 | 20 | .22 | 4 | 1.97 | .03 | .14 | 1 | 6 | - |
| 1094 | 1 | 70 | 11 | 85 | .2 | 15 | 19 | 1799 | 5.01 | 13 | 5 | ND | 2 | 127 | 1 | 2 | 4 | 109 | 2.64 | .17 | 2 | 15 | 2.12 | 24 | .21 | 4 | 1.78 | .03 | .14 | 1 | 15 | - |
| 1095 | 1 | 131 | 11 | 116 | .2 | 16 | 27 | 2006 | 6.03 | 19 | 5 | ND | 2 | 59 | 1 | 2 | 2 | 118 | 1.19 | .17 | 2 | 16 | 2.59 | 48 | .24 | 3 | 2.21 | .03 | .55 | 1 | 55 | - |
| 1096 | 1 | 147 | 11 | 120 | .3 | 19 | 26 | 2431 | 6.22 | 19 | 5 | ND | 1 | 97 | 1 | 4 | 2 | 138 | 2.22 | .16 | 2 | 22 | 2.88 | 41 | .24 | 4 | 2.30 | .02 | .35 | 1 | 21 | - |
| 1097 | 1 | 174 | 11 | 119 | .4 | 48 | 25 | 2636 | 6.94 | 41 | 5 | ND | 2 | 170 | 1 | 2 | 2 | 148 | 4.74 | .23 | 2 | 124 | 2.94 | 28 | .16 | 6 | 2.30 | .02 | .22 | 1 | 26 | - |
| 1098 | 1 | 207 | 14 | 110 | .3 | 55 | 27 | 3146 | 6.99 | 22 | 5 | ND | 1 | 208 | 1 | 2 | 2 | 126 | 5.89 | .26 | 4 | 206 | 3.21 | 26 | .08 | 5 | 2.36 | .02 | .16 | 1 | 75 | - |
| 1099 | 1 | 246 | 6 | 77 | .3 | 46 | 22 | 2149 | 4.87 | 24 | 5 | ND | 1 | 130 | 1 | 2 | 2 | 82 | 3.52 | .30 | 2 | 124 | 1.91 | 23 | .08 | 4 | 1.48 | .03 | .13 | 1 | 22 | - |
| 1100 | 1 | 147 | 4 | 59 | .1 | 45 | 23 | 1523 | 3.85 | 21 | 5 | ND | 1 | 147 | 1 | 2 | 2 | 55 | 2.37 | .29 | 2 | 124 | 1.43 | 17 | .10 | 3 | 1.19 | .03 | .09 | 1 | 16 | - |
| 1101 | 1 | 59 | 11 | 89 | .1 | 23 | 29 | 1378 | 4.75 | 14 | 5 | ND | 2 | 145 | 1 | 2 | 2 | 75 | 2.77 | .18 | 2 | 21 | 1.75 | 15 | .13 | 3 | 1.41 | .03 | .06 | 1 | 14 | - |
| 1102 | 1 | 222 | 41 | 105 | .5 | 15 | 42 | 1502 | 6.09 | 16 | 5 | ND | 1 | 263 | 1 | 2 | 2 | 71 | 3.87 | .19 | 2 | 17 | 1.81 | 28 | .12 | 4 | 1.46 | .03 | .05 | 1 | 31 | - |
| 1103 | 1 | 47 | 12 | 96 | .1 | 17 | 21 | 2126 | 4.91 | 10 | 5 | ND | 1 | 476 | 1 | 4 | 2 | 96 | 5.69 | .20 | 6 | 26 | 1.96 | 21 | .05 | 5 | 1.61 | .03 | .04 | 1 | 21 | - |
| 1104 | 1 | 19 | 16 | 82 | .1 | 15 | 18 | 1730 | 5.06 | 14 | 5 | ND | 2 | 614 | 1 | 2 | 2 | 99 | 4.03 | .21 | 6 | 27 | 2.09 | 22 | .10 | 4 | 1.66 | .04 | .05 | 1 | 18 | - |
| 1105 | 11 | 64 | 5 | 132 | .1 | 15 | 21 | 2476 | 5.70 | 11 | 5 | ND | 2 | 229 | 1 | 2 | 2 | 92 | 7.77 | .19 | 9 | 11 | 2.64 | 41 | .03 | 5 | 2.29 | .01 | .32 | 1 | 26 | - |
| 1106 | 1276 | 29 | 29 | 59 | 2.4 | 17 | 26 | 2601 | 5.64 | 4 | 5 | 2 | 1 | 320 | 1 | 2 | 11 | 53 | 11.10 | .09 | 2 | 9 | .96 | 29 | .01 | 3 | .82 | .01 | .19 | 3 | 1650 | .048 |
| 1107 | 14 | 85 | 7 | 96 | .1 | 13 | 11 | 1779 | 3.67 | 13 | 5 | ND | 3 | 194 | 1 | 2 | 2 | 54 | 5.94 | .20 | 5 | 19 | 1.45 | 70 | .02 | 6 | 1.36 | .01 | .33 | 3 | 32 | - |
| 1108 | 13 | 63 | 13 | 87 | 2.2 | 22 | 13 | 2714 | 3.52 | 15 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 48 | 1.70 | .13 | 5 | 29 | 1.28 | 60 | .04 | 4 | 1.29 | .03 | .39 | 1 | 165 | - |
| 1109 | 2 | 320 | 13 | 189 | 2.9 | 23 | 29 | 4762 | 7.99 | 29 | 5 | ND | 3 | 80 | 1 | 2 | 2 | 172 | 3.90 | .21 | 7 | 84 | 3.33 | 22 | .12 | 5 | 2.84 | .01 | .76 | 1 | 295 | - |
| 1110 | 3 | 241 | 17 | 131 | 2.4 | 11 | 21 | 4312 | 7.75 | 22 | 5 | ND | 2 | 84 | 1 | 2 | 2 | 136 | 4.16 | .18 | 5 | 21 | 2.27 | 18 | .10 | 7 | 2.12 | .02 | .59 | 1 | 290 | - |
| 1111 | 3 | 301 | 1037 | 143 | 34.5 | 15 | 30 | 4459 | 8.95 | 37 | 5 | 21 | 2 | 165 | 1 | 2 | 5 | 156 | 5.55 | .19 | 7 | 24 | 2.31 | 27 | .14 | 5 | 2.18 | .02 | .90 | 1 | 13900 | .526 |
| 1112 | 3 | 94 | 9 | 160 | .6 | 34 | 21 | 5310 | 7.16 | 23 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 149 | 3.43 | .17 | 4 | 66 | 2.99 | 45 | .20 | 4 | 2.99 | .03 | 1.17 | 1 | 105 | - |
| 1113 | 2 | 128 | 19 | 182 | .7 | 14 | 27 | 5284 | 7.29 | 26 | 5 | ND | 1 | 103 | 1 | 2 | 2 | 119 | 4.55 | .17 | 5 | 18 | 2.76 | 35 | .03 | 5 | 2.56 | .01 | .25 | 1 | 75 | - |
| 1114 | 1 | 93 | 11 | 171 | .4 | 15 | 22 | 5124 | 6.97 | 29 | 5 | ND | 2 | 107 | 1 | 2 | 2 | 106 | 4.65 | .17 | 4 | 18 | 2.85 | 28 | .06 | 4 | 2.24 | .02 | .21 | 1 | 17 | - |
| 1115 | 1 | 77 | 10 | 141 | .2 | 12 | 24 | 3271 | 5.66 | 19 | 5 | ND | 1 | 126 | 1 | 2 | 2 | 111 | 4.32 | .19 | 2 | 14 | 3.00 | 52 | .14 | 4 | 2.54 | .02 | .36 | 1 | 16 | - |
| STD C/FA-AU | 22 | 61 | 40 | 136 | 7.2 | 69 | 27 | 1166 | 3.98 | 39 | 17 | 8 | 38 | 54 | 18 | 14 | 19 | 59 | .48 | .14 | 39 | 58 | .88 | 183 | .08 | 39 | 1.73 | .06 | .10 | 12 | 52 | - |

IMPERIAL METALS CORPORATION PROJECT - 4117 FILE # 85-2567

PAGE 3

| 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 |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-------------|
| 1116 | 1 | 91 | 24 | 105 | .4 | 10 | 18 | 3240 | 6.97 | 20 | 31 | ND | 1 | 143 | 1 | 2 | 2 | 58 | 6.96 | .18 | 5 | 7 | 2.44 | 23 | .01 | 6 | 1.23 | .01 | .28 | 1 | 16 |
| 1117 | 2 | 121 | 22 | 136 | .4 | 12 | 23 | 3722 | 7.42 | 24 | 15 | ND | 1 | 131 | 1 | 2 | 2 | 103 | 5.89 | .19 | 6 | 15 | 2.67 | 34 | .10 | 4 | 2.37 | .01 | .53 | 1 | 37 |
| 1118 | 1 | 171 | 18 | 125 | .6 | 12 | 27 | 3610 | 6.85 | 24 | 37 | ND | 1 | 161 | 1 | 2 | 2 | 99 | 6.10 | .19 | 2 | 12 | 2.23 | 34 | .05 | 4 | 1.89 | .01 | .46 | 1 | 48 |
| 1119 | 2 | 35 | 22 | 149 | .9 | 15 | 29 | 3017 | 8.64 | 28 | 5 | ND | 1 | 68 | 1 | 2 | 2 | 120 | 1.44 | .20 | 2 | 23 | 3.04 | 27 | .19 | 5 | 2.55 | .02 | .31 | 1 | 90 |
| 1120 | 5 | 2187 | 8 | 63 | .1 | 169 | 29 | 600 | 5.61 | 3 | 5 | ND | 1 | 3 | 1 | 3 | 2 | 88 | .65 | .01 | 2 | 378 | 5.85 | 4 | .02 | 4 | 4.02 | .01 | .01 | 1 | 22 |
| 1121 | 10 | 589 | 4 | 26 | .1 | 37 | 14 | 283 | 2.30 | 4 | 5 | ND | 1 | 3 | 1 | 3 | 2 | 54 | .35 | .02 | 2 | 35 | 2.27 | 9 | .03 | 7 | 1.61 | .02 | .05 | 1 | 8 |
| 1122 | 4 | 1823 | 11 | 48 | .1 | 102 | 31 | 549 | 6.11 | 2 | 5 | ND | 1 | 1 | 1 | 2 | 3 | 130 | .17 | .01 | 2 | 307 | 6.29 | 8 | .03 | 2 | 4.37 | .01 | .05 | 1 | 16 |
| 1123 | 16 | 396 | 6 | 12 | .1 | 47 | 13 | 228 | 2.60 | 3 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 59 | .37 | .04 | 2 | 41 | 2.42 | 3 | .03 | 2 | 1.74 | .03 | .03 | 1 | 2 |
| 1124 | 1 | 4321 | 5 | 11 | .1 | 27 | 15 | 228 | 4.31 | 3 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 110 | .62 | .03 | 2 | 62 | 2.00 | 4 | .03 | 3 | 2.02 | .07 | .04 | 1 | 42 |
| 1125 | 1 | 367 | 4 | 23 | .1 | 55 | 28 | 495 | 6.54 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 130 | .30 | .03 | 2 | 179 | 6.13 | 2 | .06 | 2 | 4.70 | .02 | .01 | 1 | 3 |
| 1126 | 1 | 3638 | 6 | 16 | .1 | 31 | 21 | 233 | 4.94 | 3 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 118 | .56 | .02 | 2 | 68 | 2.20 | 3 | .03 | 3 | 2.14 | .08 | .02 | 1 | 31 |
| 1127 | 1 | 730 | 6 | 18 | .2 | 37 | 22 | 302 | 5.14 | 2 | 15 | ND | 1 | 19 | 1 | 2 | 6 | 104 | .32 | .02 | 2 | 82 | 4.00 | 3 | .04 | 2 | 3.09 | .04 | .03 | 1 | 6 |
| 1128 | 1 | 1877 | 9 | 17 | .1 | 36 | 20 | 239 | 4.55 | 3 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 112 | .78 | .02 | 2 | 98 | 2.23 | 4 | .04 | 3 | 2.06 | .06 | .03 | 1 | 1 |
| 1129 | 1 | 934 | 8 | 22 | .1 | 48 | 26 | 375 | 5.39 | 3 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 120 | .41 | .02 | 2 | 108 | 4.12 | 12 | .05 | 3 | 3.27 | .04 | .06 | 1 | 2 |
| 1130 | 2 | 5368 | 10 | 19 | .1 | 35 | 35 | 217 | 8.99 | 6 | 5 | ND | 1 | 18 | 1 | 2 | 3 | 159 | .47 | .02 | 2 | 53 | 2.00 | 3 | .02 | 5 | 2.14 | .08 | .02 | 1 | 21 |
| 1131 | 1 | 81 | 10 | 29 | .1 | 56 | 26 | 499 | 6.07 | 3 | 5 | ND | 1 | 5 | 1 | 3 | 3 | 130 | .16 | .02 | 2 | 214 | 5.68 | 2 | .05 | 2 | 4.26 | .02 | .01 | 1 | 1 |
| 1132 | 1 | 1852 | 13 | 28 | .1 | 226 | 31 | 533 | 5.51 | 4 | 12 | ND | 1 | 3 | 1 | 2 | 6 | 115 | .12 | .02 | 2 | 335 | 6.44 | 2 | .03 | 2 | 4.44 | .01 | .01 | 1 | 3 |
| 1133 | 1 | 145 | 7 | 41 | .1 | 283 | 24 | 596 | 3.89 | 2 | 5 | ND | 1 | 2 | 1 | 2 | 4 | 70 | .45 | .04 | 2 | 503 | 5.88 | 1 | .02 | 2 | 3.74 | .01 | .01 | 1 | 1 |
| 1134 | 1 | 404 | 16 | 24 | .1 | 67 | 26 | 454 | 6.07 | 2 | 5 | ND | 1 | 2 | 1 | 2 | 2 | 148 | .19 | .04 | 2 | 137 | 4.68 | 28 | .06 | 2 | 3.31 | .03 | .25 | 1 | 2 |
| 1135 | 2 | 1519 | 11 | 20 | .1 | 52 | 23 | 406 | 5.65 | 2 | 5 | ND | 1 | 4 | 1 | 2 | 3 | 158 | .36 | .02 | 2 | 124 | 4.90 | 9 | .04 | 2 | 3.66 | .02 | .07 | 1 | 7 |
| 1136 | 1 | 637 | 11 | 24 | .1 | 58 | 27 | 472 | 5.90 | 4 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 167 | .48 | .02 | 2 | 142 | 5.37 | 27 | .06 | 2 | 3.94 | .02 | .24 | 1 | 4 |
| 1137 | 4 | 719 | 10 | 21 | .1 | 49 | 32 | 397 | 6.57 | 7 | 5 | ND | 1 | 14 | 1 | 3 | 4 | 158 | .57 | .01 | 2 | 131 | 3.99 | 3 | .03 | 3 | 3.46 | .08 | .01 | 1 | 4 |
| 1138 | 6 | 803 | 9 | 24 | .1 | 63 | 29 | 542 | 7.29 | 2 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 167 | .23 | .01 | 2 | 152 | 5.38 | 14 | .05 | 2 | 4.16 | .03 | .11 | 1 | 6 |
| 1139 | 7 | 698 | 6 | 19 | .1 | 57 | 29 | 489 | 6.00 | 2 | 5 | ND | 1 | 8 | 1 | 3 | 2 | 151 | .35 | .01 | 2 | 101 | 4.47 | 11 | .04 | 2 | 3.51 | .02 | .10 | 1 | 2 |
| 1140 | 1 | 1031 | 11 | 41 | .1 | 90 | 24 | 735 | 6.48 | 3 | 5 | ND | 1 | 19 | 1 | 4 | 2 | 133 | .90 | .01 | 3 | 243 | 5.15 | 2 | .02 | 3 | 4.33 | .06 | .01 | 1 | 5 |
| 1141 | 4 | 3830 | 6 | 29 | .2 | 69 | 26 | 515 | 5.69 | 2 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 116 | .94 | .01 | 2 | 168 | 4.18 | 3 | .02 | 3 | 3.92 | .11 | .02 | 1 | 19 |
| 1142 | 1 | 2399 | 8 | 30 | .1 | 91 | 28 | 625 | 6.91 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 143 | .82 | .01 | 2 | 232 | 4.99 | 3 | .02 | 3 | 4.65 | .12 | .01 | 1 | 10 |
| 1143 | 13 | 2407 | 11 | 23 | .1 | 56 | 32 | 470 | 6.79 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 136 | .87 | .01 | 3 | 131 | 4.67 | 3 | .03 | 4 | 4.69 | .15 | .01 | 1 | 8 |
| STD C/FA-AU | 20 | 60 | 40 | 136 | 7.2 | 69 | 26 | 1171 | 3.98 | 38 | 15 | 8 | 36 | 51 | 17 | 15 | 21 | 60 | .48 | .13 | 37 | 58 | .88 | 173 | .08 | 40 | 1.72 | .06 | .10 | 11 | 51 |

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED OCT 10 1985
DATE REPORTS MAILED Oct. 16/85

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
AU** BY FIRE ASSAY

ASSAYER V. Saundry DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORP PROJECT 4117 FILE# 85-2467 R PAGE# 1

| SAMPLE | AU** oz/t |
|--------|--------------|
| 1033 | .076 |
| 1034 | .003 |
| 1035 | .002 |
| 1036 | .009 |
| 1037 | .017 |
| 1038 | .007 |
| 1039 | .001 |
| 1040 | .003 |
| 1041 | .002 |
| 1042 | .001 |
| 1043 | .512 |

A P P E N D I X I I I

BOREHOLE LOGS

DRILL RECORD

IMPERIAL METALS CORPORATION

| | | | |
|---------------------------|------------------|-------------------|--------------------------------|
| PROPERTY : Takla-Rainbow | LOCATION : | CORRECT DIP: -45° | PAGE 1 OF 4 |
| HOLE NO. : DDH 1 | LAT. : 12 + 50 N | TRUE BRG : 360° | LOGGED BY : R. Pesalj |
| COMMENCED: Sept. 16, 1985 | DEP. : 3 + 00 E | SURVEY AT : | DATE : Sept. 17, 1985 |
| COMPLETED: Sept. 17, 1985 | ELEV. : | % RECOVERY : | CORE STORED : at the camp site |
| OBJECTIVE: | CORE SIZE: BQ | LENGTH : 76.81m | UNUSUAL FEAT.: |

| From m | To m | Symbol | Description | Sample No. | From To m | | Length (m) | Analysis (Auppb; Agppm; Cuppm) | | | | | |
|-----------|---------|--------|---|---------------|--------------|-------|---------------|--------------------------------|-----|------|--|--|--|
| | | | | | Au | Ag | | Cu | | | | | |
| 0.00 | 7.62 | | Overburden, casing. Boulders of green mafic volcanic with epidote alteration and disseminated pyrite. | 1001 | 7.62 | 9.75 | 2.13 | 120 | 0.3 | 148 | | | |
| | | | | 1002 | 9.75 | 11.27 | 1.52 | 125 | 0.3 | 149 | | | |
| | | | | 1003 | 11.27 | 12.80 | 1.53 | 95 | 0.3 | 156 | | | |
| | | | | 1004 | 12.80 | 14.32 | 1.52 | 32 | 0.3 | 152 | | | |
| | | | | 1005 | 14.32 | 15.30 | 0.98 | 60 | 0.5 | 429 | | | |
| | | | | 1006 | 15.30 | 16.87 | 1.57 | 37 | 0.4 | 227 | | | |
| 7.62 | 19.27 | | Andesitic volcanic, green, chloritized, cut by thin qtz veinlets, slightly bleached, diss f.g. pyrite 3-5% locally epidote concentrations pink K-feldspar veinlets and blebs, moderately broken core. | 1007 | 16.87 | 18.39 | 1.52 | 28 | 0.2 | 78 | | | |
| | | | | 1008 | 18.39 | 19.27 | 0.88 | 24 | 0.3 | 27 | | | |
| | | | | 1009 | 19.27 | 19.70 | 0.43 | 27 | 0.2 | 13 | | | |
| | | | | 1010 | 19.70 | 21.22 | 1.52 | 18 | 0.2 | 22 | | | |
| | | | | 1011 | 21.22 | 22.44 | 1.22 | 90 | 0.2 | 163 | | | |
| | | | | 1012 | 22.44 | 22.94 | 0.50 | 790 | 1.3 | 475 | | | |
| | | | | 1013 | 22.94 | 23.45 | 0.51 | 350 | 1.1 | 563 | | | |
| | | | | 1014 | 23.45 | 24.69 | 1.24 | 295 | 0.5 | 230 | | | |
| 19.27 | 19.70 | | Andesite, light green, epidote rich, cut by pink quartz feldspar veinlets, disseminated f.g. pyrite 5-8%. | 1015 | 24.69 | 26.30 | 1.61 | 175 | 0.6 | 152 | | | |
| | | | | 1016 | 26.30 | 27.50 | 1.20 | 130 | 0.3 | 33 | | | |
| | | | | 1017 | 27.50 | 28.92 | 1.42 | 90 | 0.3 | 14 | | | |
| | | | | 1018 | 28.92 | 29.56 | 0.64 | 65 | 0.3 | 16 | | | |
| | | | | 1019 | 29.56 | 30.56 | 1.00 | 140 | 0.4 | 15 | | | |
| | | | | 1020 | 30.56 | 31.25 | 0.69 | 60 | 0.2 | 16 | | | |
| 19.70 | 26.30 | | Andesite, green, f.g. massive, cut by white, quartz veinlets 1-10 mm wide, local concentration of epidote and f.g. diss pyrite, minor K-feldspar, mainly in quartz veinlets, pyrite 3%. | 1021 | 31.25 | 31.60 | 0.35 | 310 | 0.5 | 16 | | | |
| | | | | 1022 | 31.60 | 32.05 | 0.45 | 205 | 0.2 | 16 | | | |
| | | | | 1023 | 32.05 | 32.91 | 0.86 | 75 | 0.3 | 19 | | | |
| | | | | 1024 | 32.91 | 33.71 | 0.80 | 115 | 1.3 | 1387 | | | |
| | | | | 1025 | 33.71 | 34.70 | 0.99 | 50 | 0.3 | 27 | | | |

DRILL RECORD

IMPERIAL METALS CORPORATION

PROPERTY : Takla-Rainbow LOCATION : CORRECT DIP: -45° PAGE 1 OF 3
 HOLE NO. : DDH 2 LOC. : 12+00N TRUE BRG : 360° LOGGED BY : R. Pesalj
 COMMENCED: Sept. 18, 1985 LONG. : 3+00E SURVEY AT : DATE : Sept. 19, 1985
 COMPLETED: Sept. 19, 1985 ELEV. : % RECOVERY : CORE STORED : at the campsite
 OBJECTIVE: CORE SIZE: BQ LENGTH : 78.33m UNUSUAL FEAT.:

| From m | To m | Symbol | Description | Sample No. | From m | To m | Length (m) | Analysis (Auppb; Agppm; Cuppm) | | | | | | |
|-----------|---------|--------|---|---------------|-----------|---------|---------------|--------------------------------|-----|-----|--|--|--|--|
| | | | | | | | | Au | Ag | Cu | | | | |
| 0.00 | 9.75 | | Overburden, casing | 1044 | 12.60 | 13.60 | 1.00 | 31 | 0.4 | 31 | | | | |
| 9.75 | 23.60 | | Andesite, dark green, highly chloritized. | 1045 | 13.60 | 15.15 | 1.55 | 27 | 0.1 | 41 | | | | |
| | | | From 16.51-16.90m shear zone, iron oxides, broken core. | 1046 | 15.15 | 15.84 | 0.69 | 19 | 0.2 | 11 | | | | |
| | | | | 1047 | 15.84 | 17.27 | 1.43 | 29 | 0.1 | 11 | | | | |
| | | | | 1048 | 17.27 | 18.58 | 1.31 | 55 | 0.3 | 166 | | | | |
| 23.60 | 40.23 | | Granite prophyry, pink and green, m.g. massive, highly chlorite and epidote altered, occasional quartz hematite and epidote veinlets cutting the unit at various angles to the core axis. | 1049 | 18.58 | 19.38 | 0.80 | 44 | 0.4 | 30 | | | | |
| | | | | 1050 | 19.38 | 20.64 | 1.26 | 225 | 0.1 | 14 | | | | |
| | | | | 1051 | 20.64 | 22.15 | 1.51 | 43 | 0.1 | 74 | | | | |
| | | | | 1052 | 22.15 | 23.60 | 1.45 | 190 | 0.1 | 12 | | | | |
| | | | | 1053 | 23.60 | 24.69 | 1.09 | 33 | 0.3 | 234 | | | | |
| | | | From 33.83 - 35.66m fault zone, ground core, only 25% recovered. | 1054 | 24.69 | 25.60 | 0.91 | 17 | 0.1 | 8 | | | | |
| | | | | 1055 | 25.60 | 26.67 | 1.07 | 165 | 0.1 | 64 | | | | |
| | | | | 1056 | 26.67 | 27.67 | 1.00 | 215 | 0.4 | 13 | | | | |
| 40.23 | 43.28 | | Granite porphyry, green and reddish, highly sheared section, epidote and iron oxide rich, minor disseminated pyrite along the shear planes. | 1057 | 27.67 | 28.30 | 0.63 | 625 | 0.4 | 90 | | | | |
| | | | | 1058 | 28.30 | 29.87 | 1.57 | 15 | 0.1 | 9 | | | | |
| | | | | 1059 | 29.87 | 31.64 | 1.77 | 33 | 0.3 | 15 | | | | |
| | | | | 1060 | 31.64 | 32.61 | 0.97 | 22 | 0.1 | 11 | | | | |
| | | | | 1061 | 32.61 | 33.83 | 1.22 | 90 | 0.2 | 23 | | | | |
| 43.28 | 48.50 | | Granite porphyry, as above to 40.23m, few quartz veinlets 1-2 mm running along the core, sporadic disseminated pyrite and epidote throughout the section. | 1062 | 33.83 | 36.85 | 3.02 | 75 | 0.1 | 11 | | | | |
| | | | | 1063 | 36.85 | 38.71 | 1.86 | 90 | 0.2 | 21 | | | | |
| | | | | 1064 | 38.71 | 40.23 | 1.52 | 19 | 0.1 | 12 | | | | |
| | | | | 1065 | 40.23 | 41.76 | 1.53 | 14 | 0.1 | 21 | | | | |
| | | | | 1066 | 48.50 | 50.02 | 1.52 | 115 | 1.1 | 167 | | | | |
| | | | | 1067 | 50.02 | 51.21 | 1.19 | 120 | 1.3 | 32 | | | | |

DRILL RECORD

IMPERIAL METALS CORPORATION

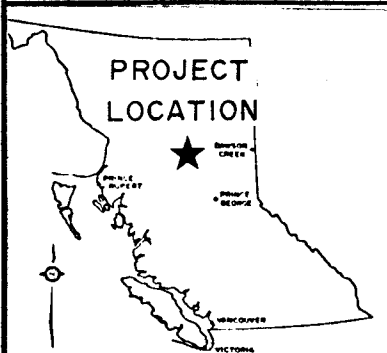
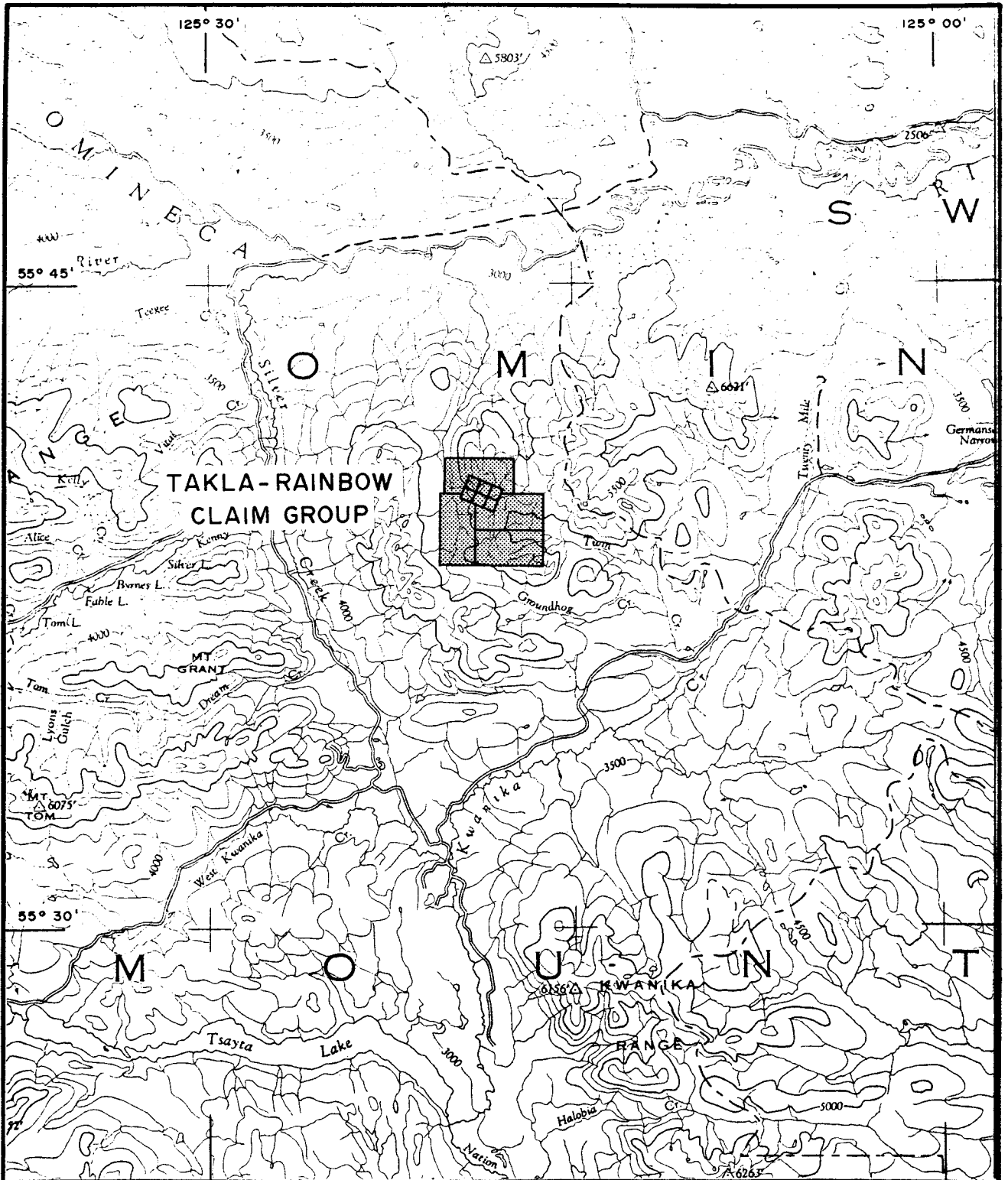
PROPERTY : Takla-Rainbow LOCATION : CORRECT DIP: -45° PAGE 3 OF 3
 HOLE NO. : DDH 2 LAT. : 12 + 00 N TRUE BRG : 360° LOGGED BY : Rad Pesalj
 COMMENCED: Sept. 18, 1985 DEP. : 3 + 00 E SURVEY AT : DATE : Sept. 19, 1985
 COMPLETED: Sept. 19, 1985 ELEV. : % RECOVERY : CORE STORED : at the camp site
 OBJECTIVE: CORE SIZE: BQ LENGTH : 78.33m UNUSUAL FEAT.:

| From m' | To m' | Symbol | Description | Sample No. | From m | To m | Length (m) | Analysis (Auppb; Agppm; Cuppm) | | | | | | | | | |
|------------|----------|--------|--|---------------|-----------|---------|---------------|--------------------------------|----|----|--|--|--|--|--|--|--|
| | | | | | | | | Au | Ag | Cu | | | | | | | |
| 56.15 | 68.52 | | Granite porphyry as above to 56.32m disseminated pyrite 2-3%. | | | | | | | | | | | | | | |
| 68.52 | 74.46 | | Granite porphyry as above to 56.32m becoming lighter in colour, bleached down hole. At lower contact disseminated pyrite 74.40 - 74.46m. | | | | | | | | | | | | | | |
| 74.46 | 78.33 | | Diorite porphyry, grey, phenocrysts of plagioclase to 10 mm in length in fine grained plagioclase rich groundmass. Minor chloritic shears and disseminated pyrite. | | | | | | | | | | | | | | |
| | | | Acid tests : | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

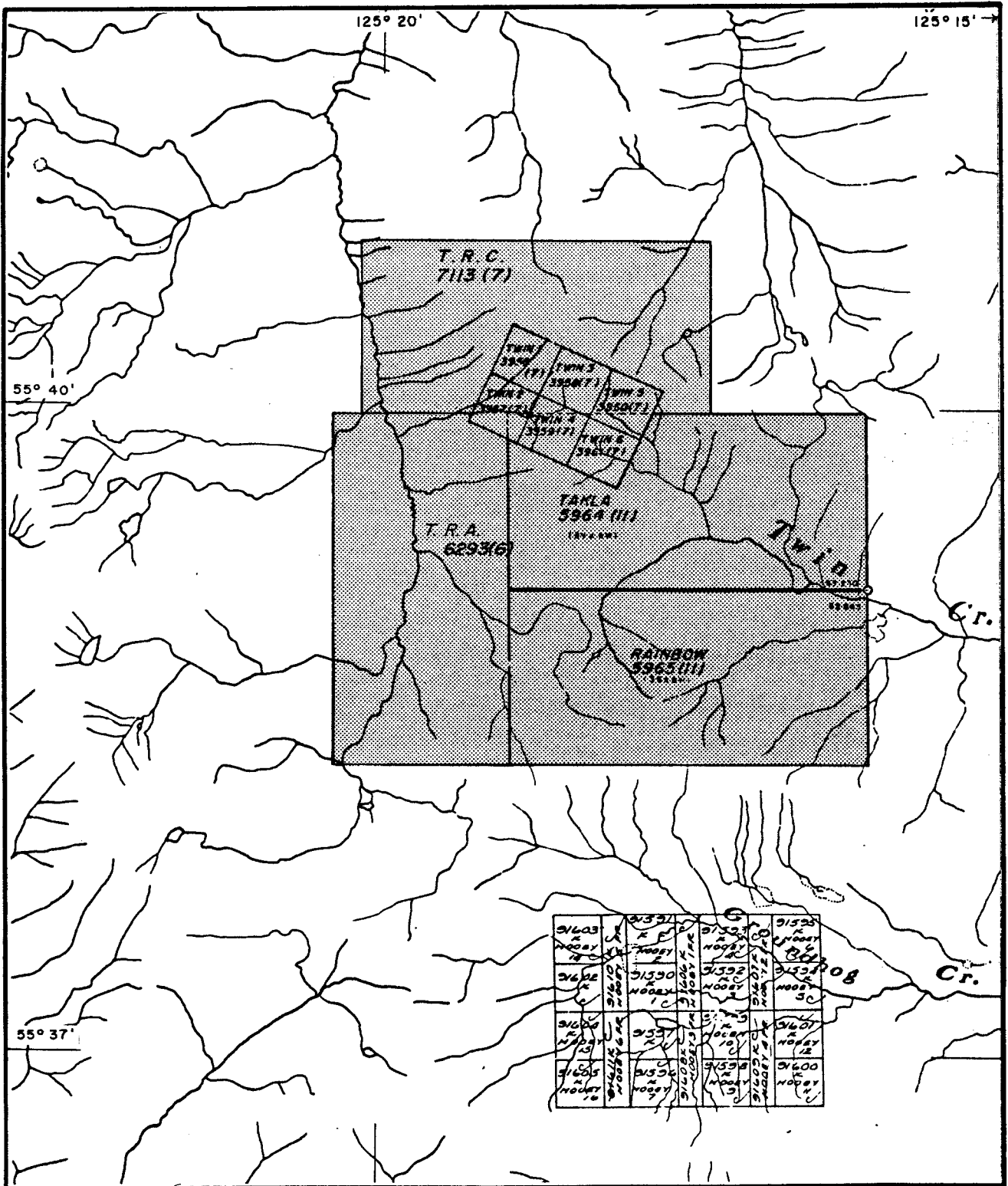
Corr.

30.48m -45°00' -37°00'

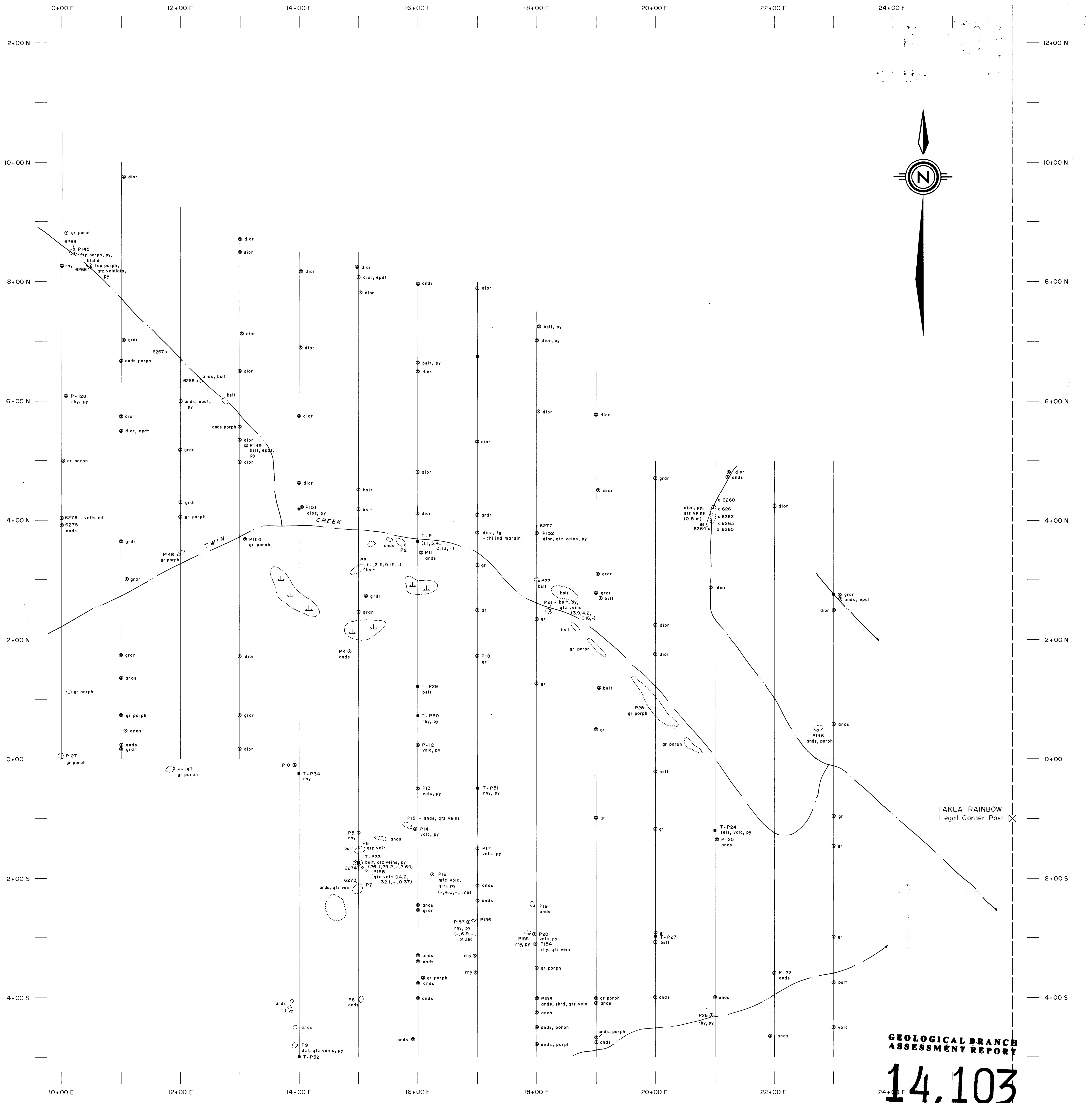
76.20m -40°00' -32°00'



| | |
|------------------------------------|----------------------|
| IMPERIAL METALS CORPORATION | |
| TAKLA - RAINBOW | |
| FIGURE I | N.T.S. 93N |
| LOCATION MAP | |
| | |
| SCALE: 1 : 250 000 | GEOLOGIST: R. PESALJ |
| DATE: NOVEMBER 1985 | DRAWN BY: S. HAWORTH |



IMPERIAL METALS CORPORATION
TAKLA - RAINBOW
 FIGURE 2 N.T.S. 93N/11W
CLAIM MAP
 Km 1 0 1 2 Km
 SCALE: 1: 50 000 GEOLOGIST: R. PESALJ
 DATE: NOVEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

| | | | | | |
|-----------------|--------------------|----------------------------------|-------------------------|----------------------|------------------------------|
| Symbols: | | Geological Abbreviations: | | Geochemistry: | |
| | Claim Boundary | | Talus | | Geochemistry: |
| | Creek | | Float | | Au: ppm |
| | Swamp | | Trench | | Ag: ppm |
| | Top of Ridge | | Geological Contact | | Cu: % |
| | Rock Sample Number | | Fault | | Zn: % |
| | Single Outcrop | | Dip & Strike - Bedding | | |
| | Outcrop Area | | Dip & Strike - Fracture | | |
| | Gossan | | Diamond Drill Hole | | |
| | | | ands andesite | | fg fine grained |
| | | | blnd bleached | | fi float |
| | | | bslt basalt | | fsp feldspar |
| | | | dct dacite | | gr granite |
| | | | dior diorite | | grdr granodiorite |
| | | | epdt epidote | | mfc mafic |
| | | | diss disseminated | | mt magnetite |
| | | | fels felsic | | porph porphyry |
| | | | py pyrite | | qtz quartz-feldspar porphyry |
| | | | rhy rhyolite | | qtz quartz |
| | | | shrd sheared | | rhy rhyolite |
| | | | slcfd silicified | | shrd sheared |
| | | | vnlt veinlets | | slcfd silicified |
| | | | volc volcanic | | vnlt veinlets |

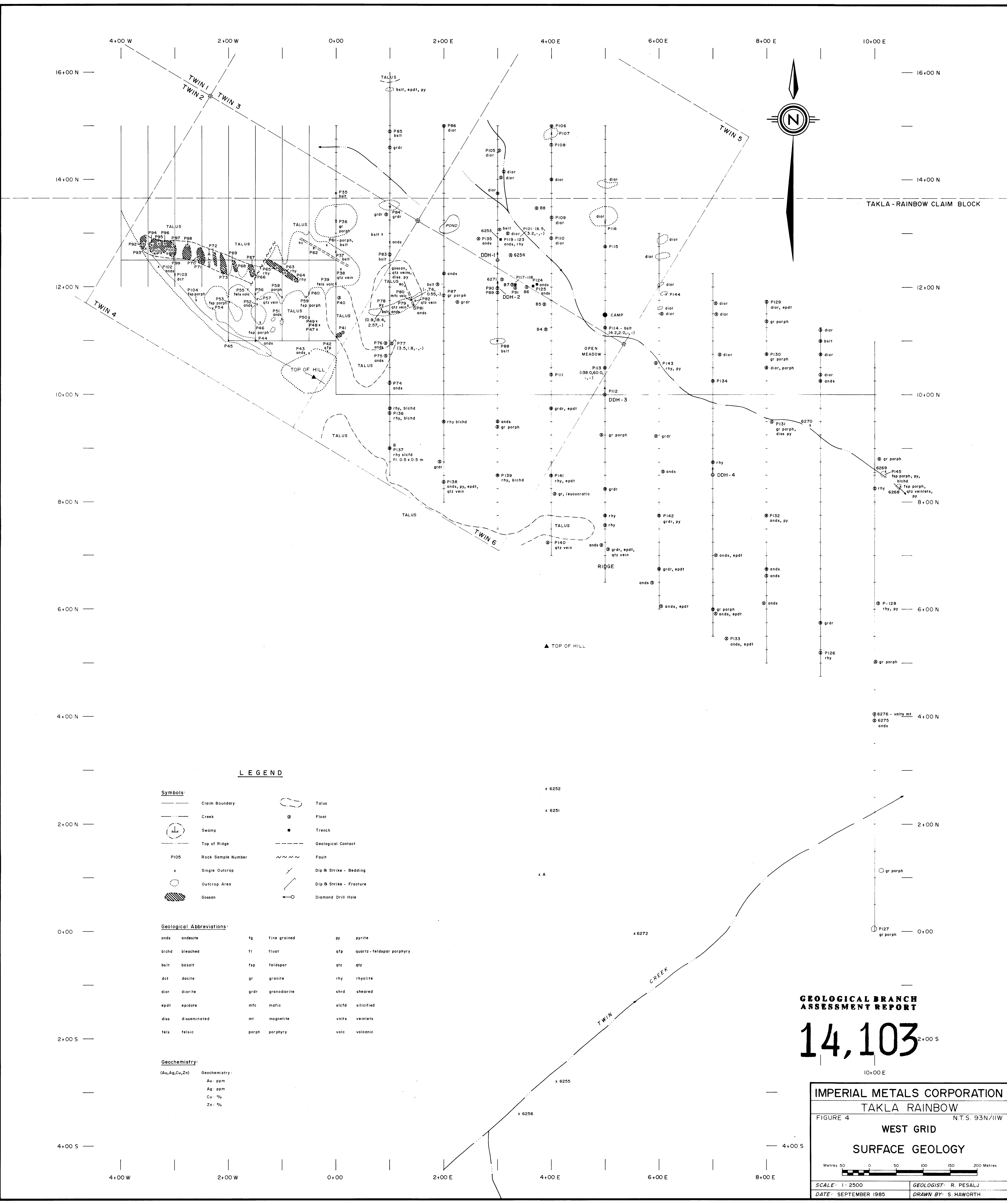
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
TAKLA RAINBOW
 FIGURE 3 N.T.S. 93N/IIW
EAST GRID
SURFACE GEOLOGY

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: R. PESALJ
 DATE: SEPTEMBER 1985 DRAWN BY: S. HAWORTH



TAKLA - RAINBOW CLAIM BLOCK

LEGEND

- Symbols:**
- Claim Boundary
 - ~~~ Creek
 - ⊕ Swamp
 - Top of Ridge
 - PI05 Rock Sample Number
 - x Single Outcrop
 - Outcrop Area
 - ▨ Gossan
 - Talus
 - Float
 - Trench
 - Geological Contact
 - Fault
 - Dip & Strike - Bedding
 - Dip & Strike - Fracture
 - Diamond Drill Hole

- Geological Abbreviations:**
- | | | |
|-------------------|-------------------|------------------------------|
| ands andesite | fg fine grained | py pyrite |
| bichd bleached | fl float | qfp quartz-feldspar porphyry |
| bslt basalt | fsp feldspar | qtz quartz |
| dct dacite | gr granite | rhy rhyolite |
| dior diorite | grdr granodiorite | shrd sheared |
| epdt epidote | mfc mafic | slctd silicified |
| diss disseminated | mt magnetite | vnltz veinlets |
| fels felsic | porph porphyry | volc volcanic |

- Geochemistry:**
- (Au, Ag, Cu, Zn)
- Geochemistry:
 Au ppm
 Ag ppm
 Cu %
 Zn %

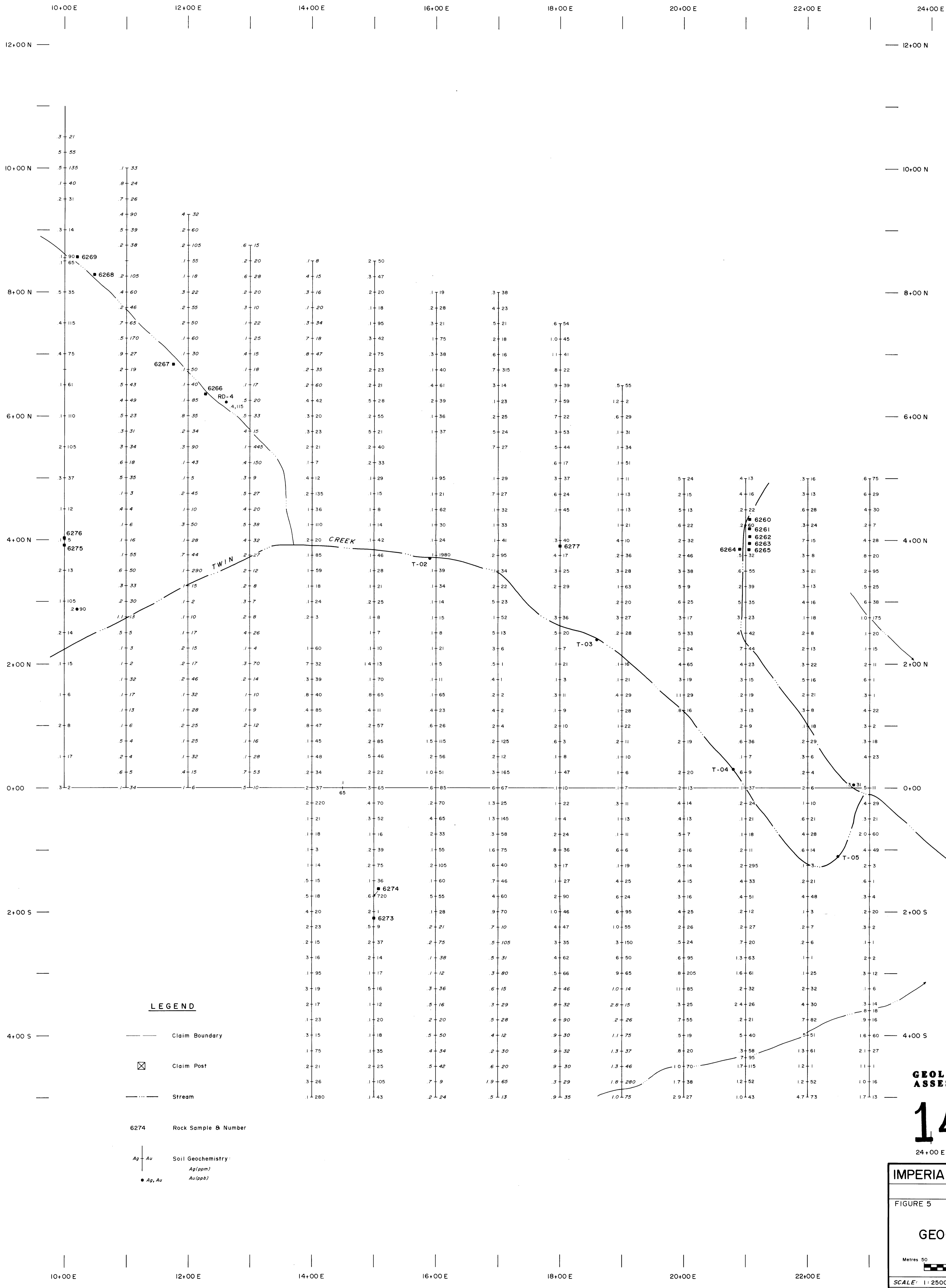
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
 TAKLA RAINBOW
 FIGURE 4 N.T.S. 93N/11W
 WEST GRID
 SURFACE GEOLOGY

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: R. PESALU
 DATE: SEPTEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊠ Claim Post
- Stream

6274 Rock Sample # Number

Ag - Au Soil Geochemistry:
 Ag (ppm)
 Au (ppb)

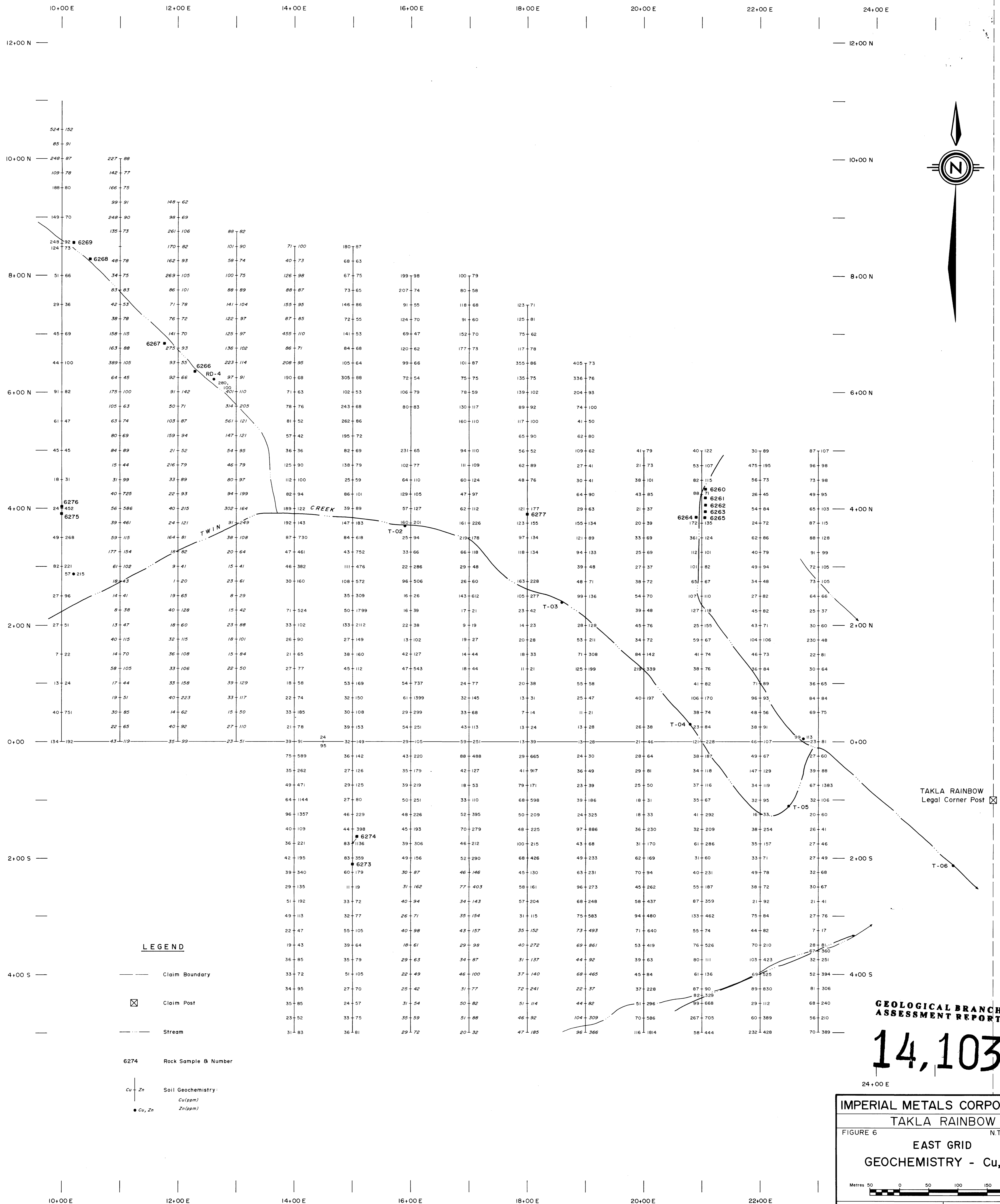
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
 TAKLA RAINBOW
 FIGURE 5 N.T.S. 93N/11W
 EAST GRID
 GEOCHEMISTRY - Ag, Au

Metres 0 50 100 150 200

SCALE: 1:2500
 GEOLOGIST: R. PESALJ
 DATE: NOVEMBER 1985
 DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊠ Claim Post
- Stream
- 6274 Rock Sample & Number
- | | | |
|----|----|--------------------|
| Cu | Zn | Soil Geochemistry: |
| ● | ● | Cu(ppm) |
| ● | ● | Zn(ppm) |

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,103

IMPERIAL METALS CORPORATION
TAKLA RAINBOW

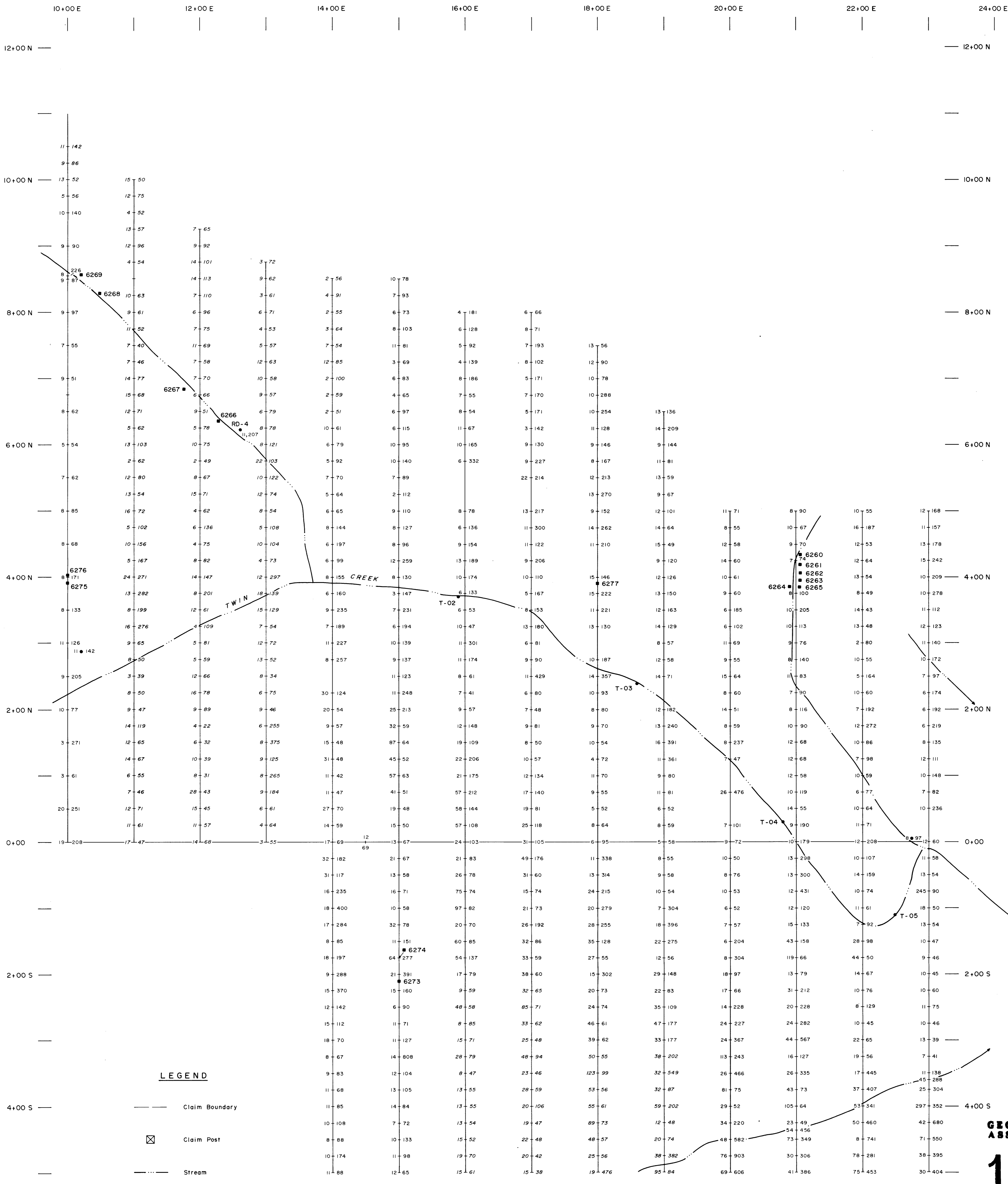
FIGURE 6 N.T.S. 93N/11W

**EAST GRID
GEOCHEMISTRY - Cu, Zn**

Metres 0 50 100 150 200

SCALE: 1:2500 GEOLOGIST: R. PESALJ

DATE: NOVEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊠ Claim Post
- Stream

6274 Rock Sample & Number

Pb — Ba Soil Geochemistry:
 Pb(ppm) Ba(ppm)

● Pb, Ba

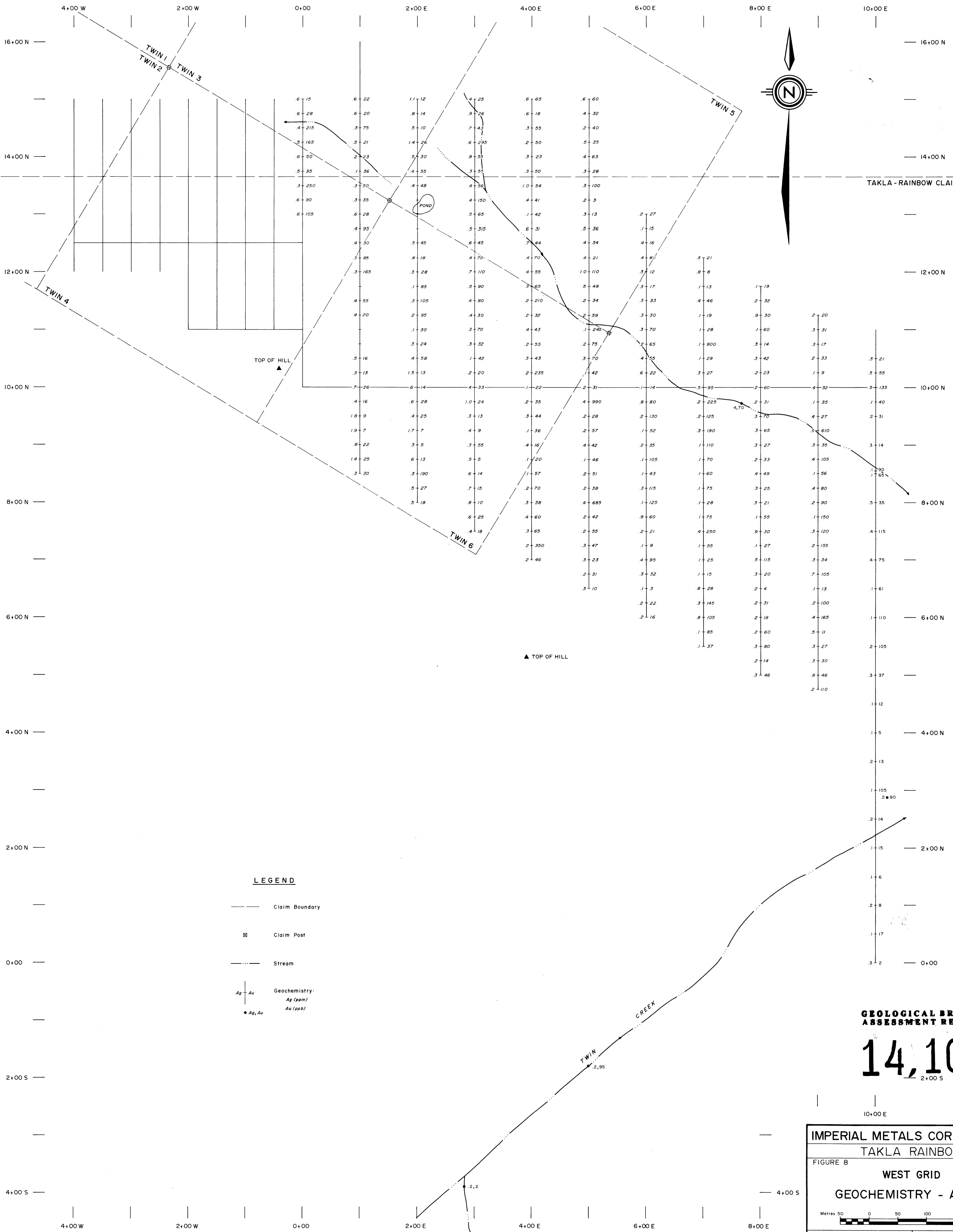
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
 TAKLA RAINBOW
 FIGURE 7 N.T.S. 93N/11W
 EAST GRID
 GEOCHEMISTRY - Pb, Ba

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: R. PESALJ
 DATE: OCTOBER 1985 DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊠ Claim Post
- Stream
- Ag - Au Geochemistry:
Ag (ppm)
Au (ppb)
- Ag, Au

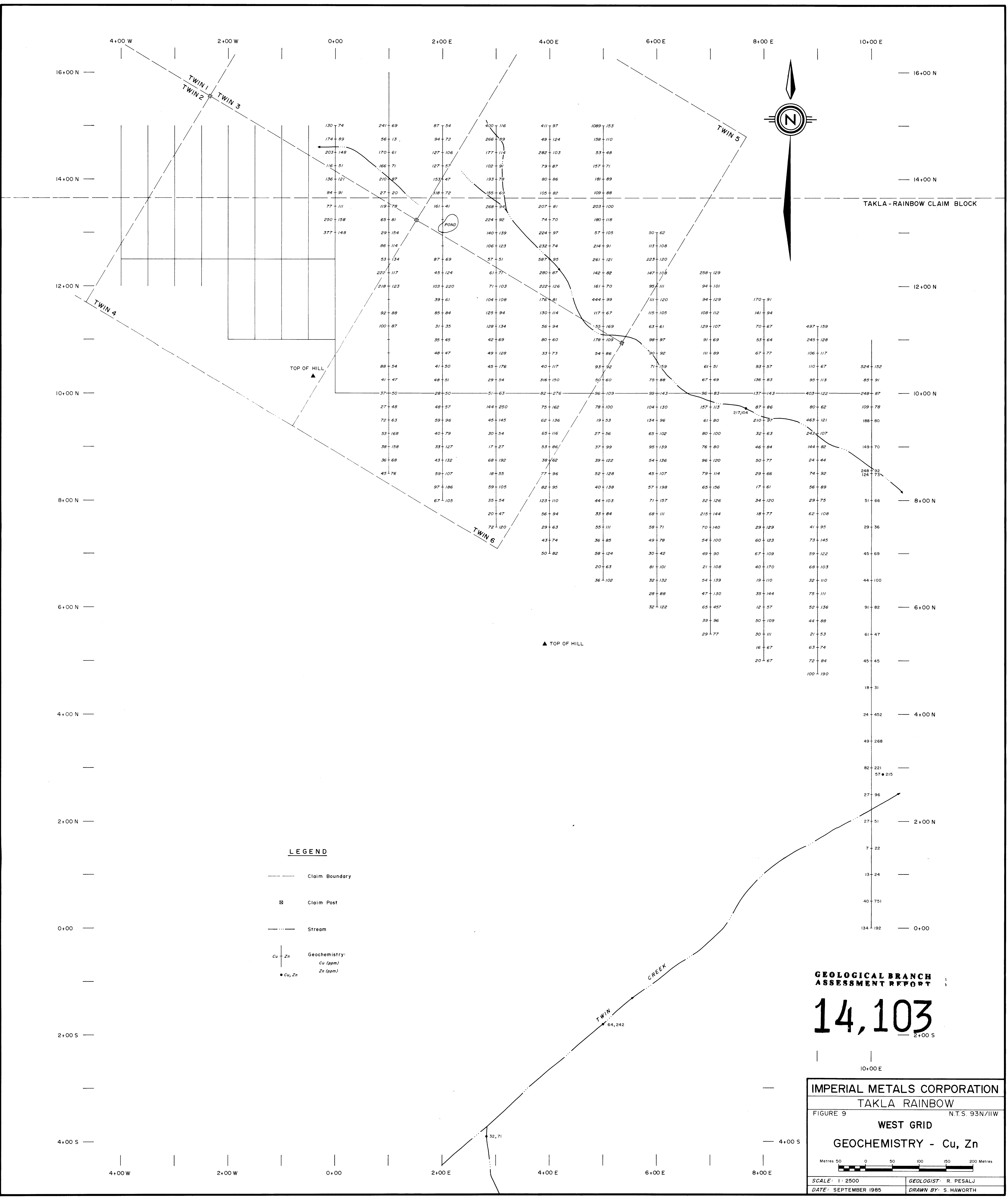
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
TAKLA RAINBOW

FIGURE 8 N.T.S. 93N/11W
WEST GRID
GEOCHEMISTRY - Ag, Au

Metres 50 100 150 200
SCALE: 1:2500
GEOLOGIST: R. PESALU
DATE: SEPTEMBER 1985
DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊠ Claim Post
- Stream
- Geochemistry:
 Cu (ppm)
 Zn (ppm)
 • Cu, Zn

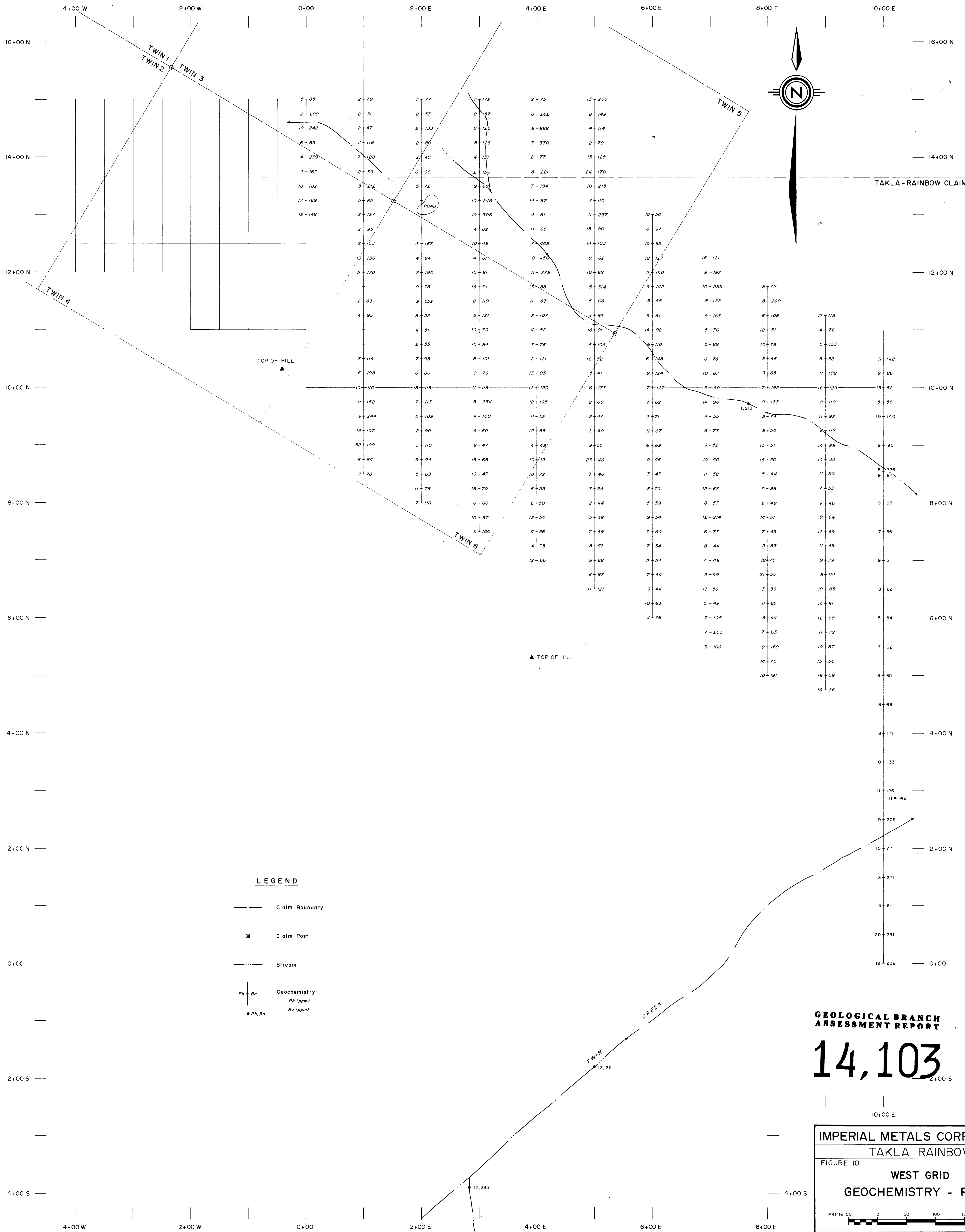
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
 TAKLA RAINBOW
 FIGURE 9 N.T.S. 93N/11W
WEST GRID
GEOCHEMISTRY - Cu, Zn

Metres 0 50 100 150 200

SCALE: 1:2500 GEOLOGIST: R. PESALJ
 DATE: SEPTEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

- Claim Boundary
- ⊗ Claim Post
- Stream
- Pb Ba Geochemistry:
Pb (ppm)
Ba (ppm)
- Pb, Ba

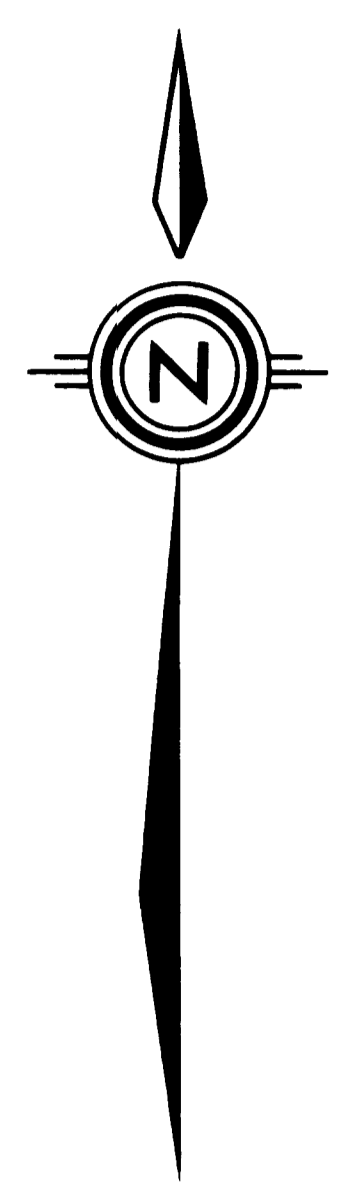
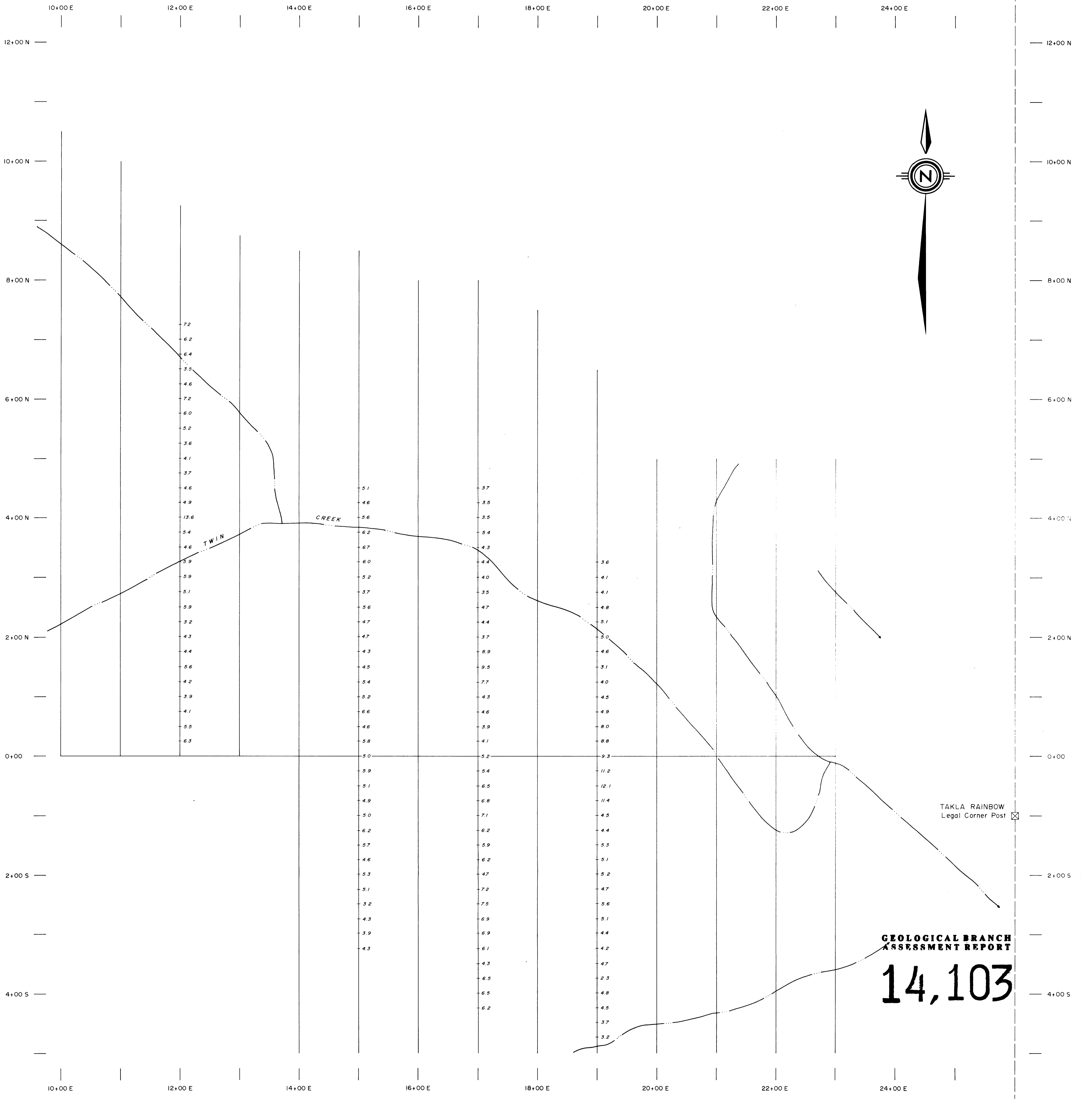
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

IMPERIAL METALS CORPORATION
TAKLA RAINBOW
 FIGURE 10 N.T.S. 93N/11W
WEST GRID
GEOCHEMISTRY - Pb, Ba

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: R. PESALJ
 DATE: SEPTEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

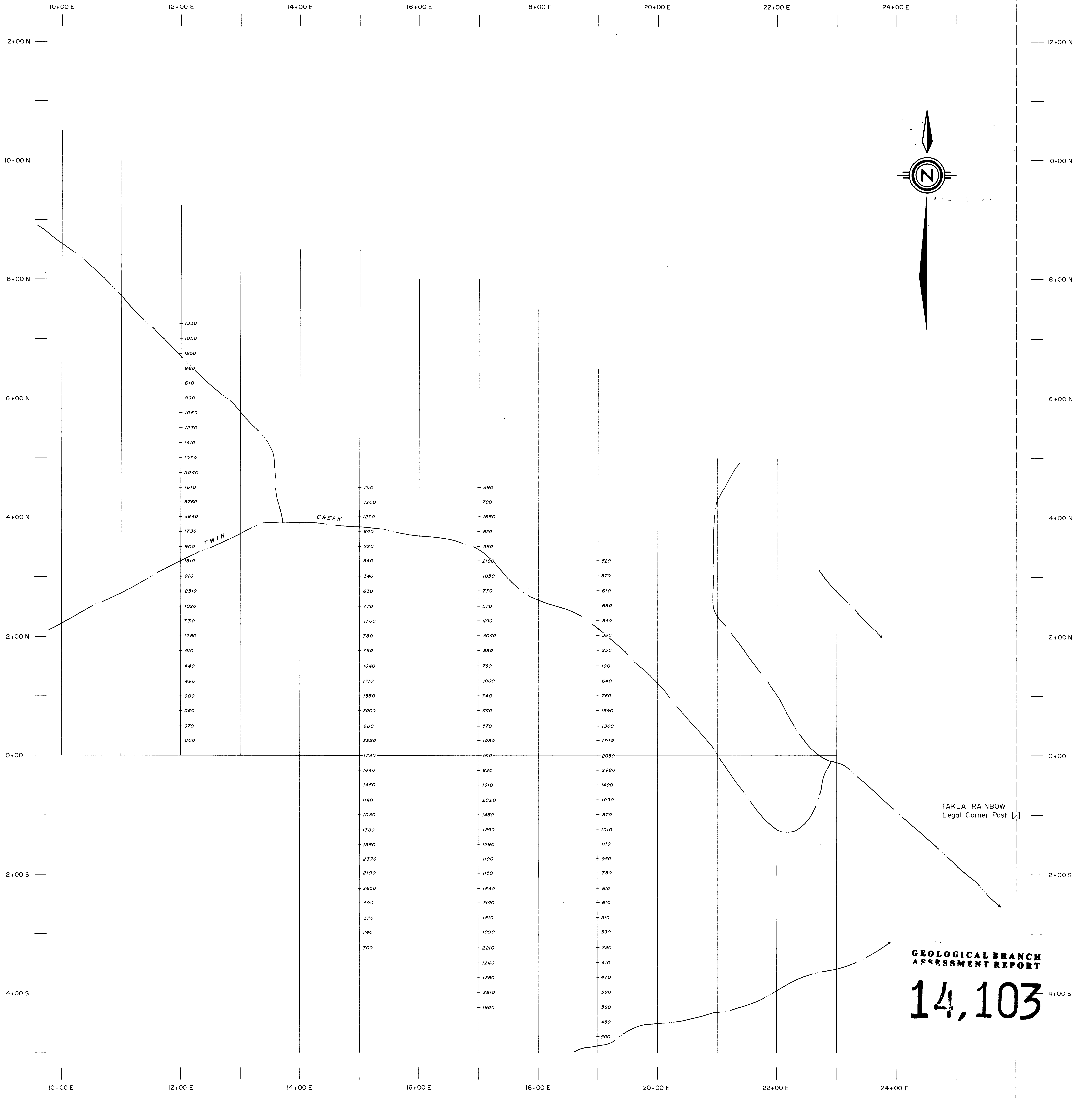
- ☒ Claim Post
- Claim Boundary
- Creek
- 6.9 Chargeability Value (mV/V)
- Chargeability Contour (mV/V)

- NOTES:
1. Contour Interval: 2 mV/V
 2. Scintrex IPR-II Receiver
 3. Scintrex IPC-7 Transmitter
 4. Array: Pole - Dipole
 5. Dipole Length: 25 m
 6. 8th Slice
 7. Current Electrode North

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,103

| | |
|--------------------------------------|------------------------|
| IMPERIAL METALS CORPORATION | |
| TAKLA RAINBOW | |
| FIGURE II | N.T.S. 93N/11W |
| EAST GRID | |
| IPR-II SURVEY - CHARGEABILITY | |
| | |
| SCALE: 1:2500 | GEOPHYSICIST: A. SCOTT |
| DATE: NOVEMBER 1985 | DRAWN BY: S. HAWORTH |



LEGEND

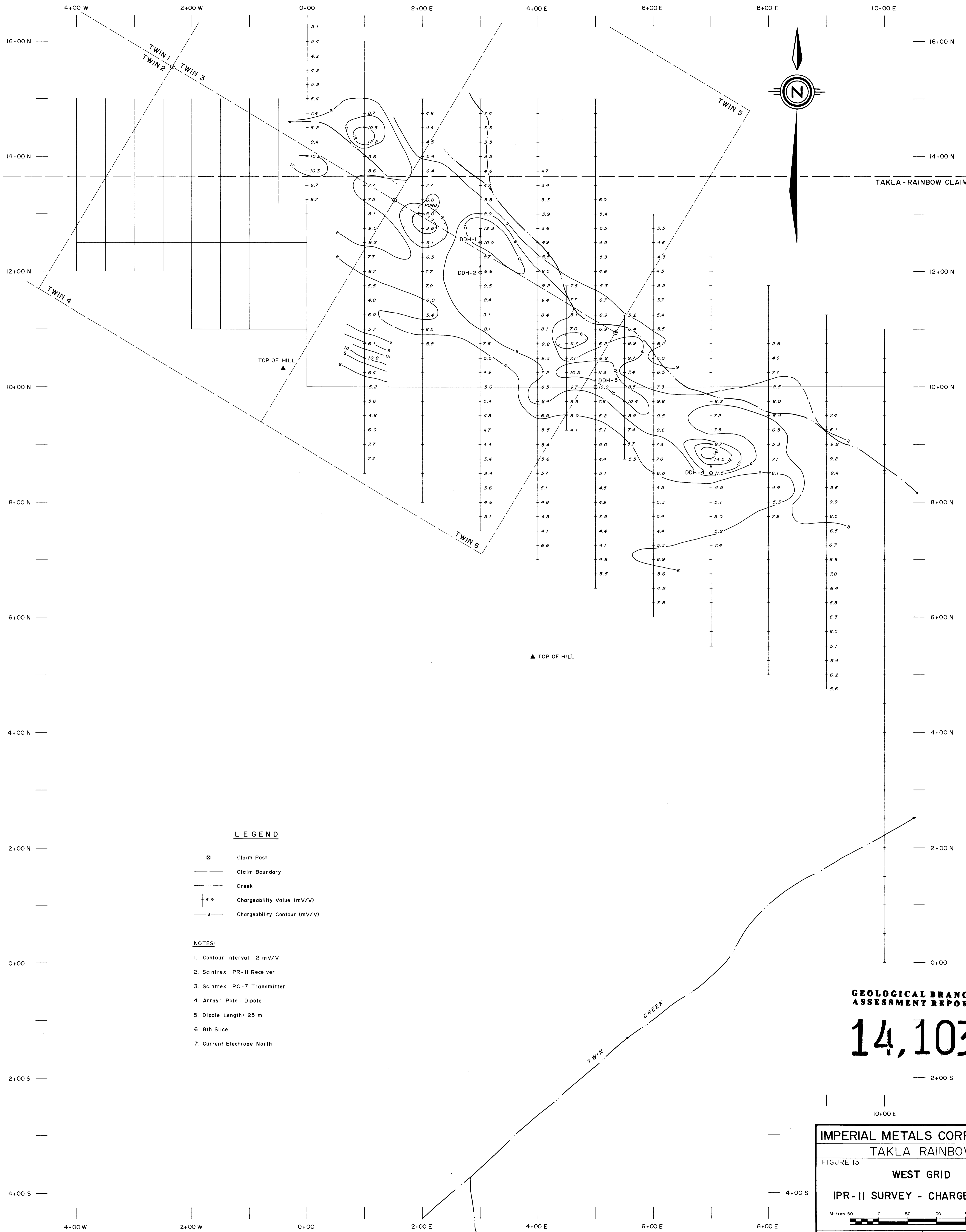
- ⊗ Claim Post
- Claim Boundary
- Creek
- ⊥ 840 Resistivity Reading (Ohm-meters)
- 750 Resistivity Contour (Ohm-meters)

- NOTES:
1. Contour Interval: 250 Ohm - meters
 2. Scintrex IPR-II Receiver
 3. Scintrex IPC-7 Transmitter
 4. Array: Pole - Dipole
 5. Dipole Length: 25 m
 6. 8th Slice
 7. Current Electrode North

IMPERIAL METALS CORPORATION
 TAKLA RAINBOW
 FIGURE 12 N.T.S. 93N/11W
 EAST GRID
 IPR-II SURVEY - RESISTIVITY

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOFYSICIST: A. SCOTT
 DATE: NOVEMBER 1985 DRAWN BY: S. HAWORTH



LEGEND

- ⊠ Claim Post
- Claim Boundary
- Creek
- 6.9 Chargeability Value (mV/V)
- Chargeability Contour (mV/V)

NOTES:

1. Contour Interval: 2 mV/V
2. Scintrex IPR-II Receiver
3. Scintrex IPC-7 Transmitter
4. Array: Pole - Dipole
5. Dipole Length: 25 m
6. 8th Slice
7. Current Electrode North

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

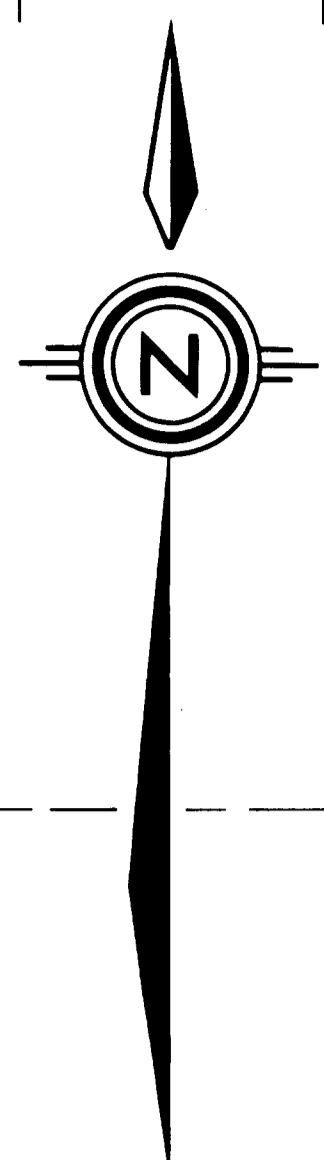
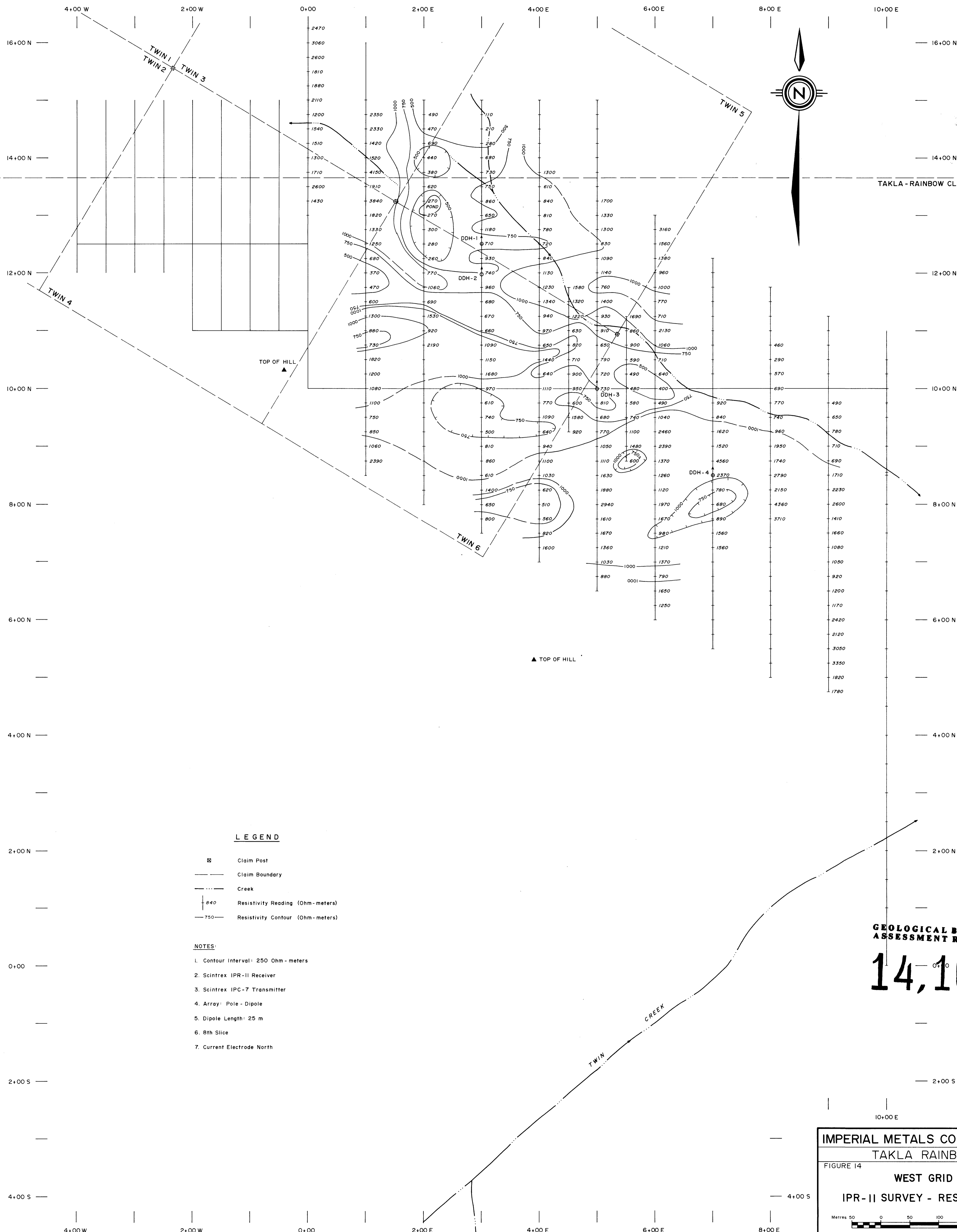
14,103

IMPERIAL METALS CORPORATION
TAKLA RAINBOW
FIGURE 13 N.T.S. 93N/11W
WEST GRID
IPR-II SURVEY - CHARGEABILITY

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500
DATE: NOVEMBER 1985

GEOPHYSICIST: A. SCOTT
DRAWN BY: S. HAWORTH



LEGEND

- ⊗ Claim Post
- Claim Boundary
- Creek
- 840 Resistivity Reading (Ohm-meters)
- 750 Resistivity Contour (Ohm-meters)

NOTES:

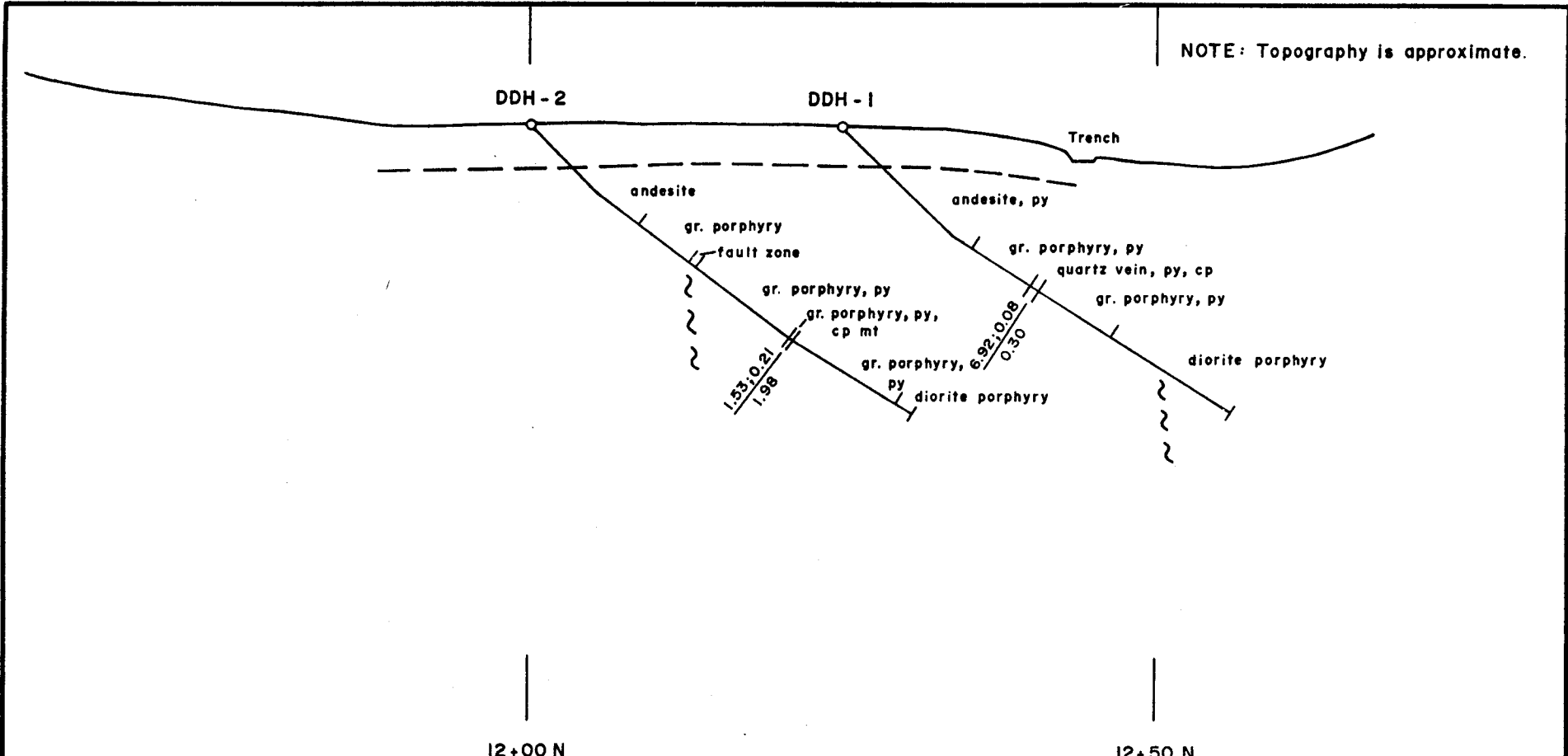
1. Contour Interval: 250 Ohm-meters
2. Scintrex IPR-II Receiver
3. Scintrex IPC-7 Transmitter
4. Array: Pole - Dipole
5. Dipole Length: 25 m
6. 8th Slice
7. Current Electrode North

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

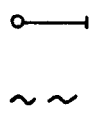
14,103

| | |
|------------------------------------|------------------------|
| IMPERIAL METALS CORPORATION | |
| TAKLA RAINBOW | |
| FIGURE 14 | N.T.S. 93N/11W |
| WEST GRID | |
| IPR-II SURVEY - RESISTIVITY | |
| Metres 50 0 50 100 150 200 Metres | |
| SCALE: 1:2500 | GEOPHYSICIST: A. SCOTT |
| DATE: NOVEMBER 1985 | DRAWN BY: S. HAWORTH |

NOTE: Topography is approximate.



LEGEND



Diamond Drill Hole

Fault

$\frac{\text{Cu, Au}}{\text{m}}$

Assay Values:

Cu %

Au oz/ton

IMPERIAL METALS CORPORATION

TAKLA - RAINBOW

FIGURE 15

N.T.S. 93N/11W

WEST GRID

SECTION 3+00 E

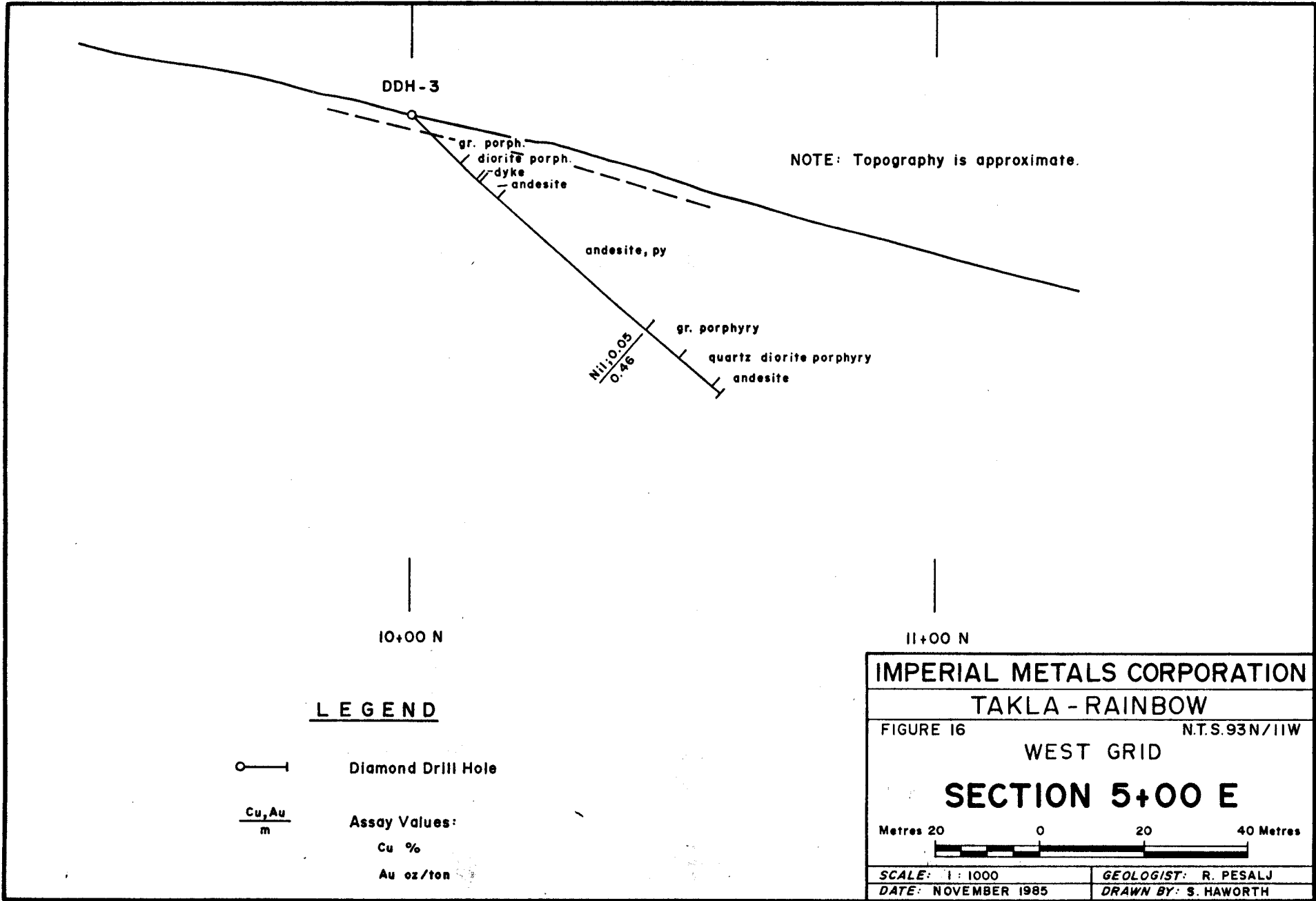
Metres 20 0 20 40 Metres

SCALE: 1 : 1000

GEOLOGIST: R. PESALJ

DATE: NOVEMBER 1985

DRAWN BY: S. HAWORTH



DDH-3

NOTE: Topography is approximate.

gr. porph.
diorite porph.
dyke
andesite

andesite, py

gr. porphyry
quartz diorite porphyry
andesite

Ni: 0.05
0.46

10+00 N

11+00 N

LEGEND

- | Diamond Drill Hole
- $\frac{Cu, Au}{m}$ Assay Values:
 - Cu %
 - Au oz/ton

IMPERIAL METALS CORPORATION

TAKLA - RAINBOW

FIGURE 16

N.T.S. 93N/11W

WEST GRID

SECTION 5+00 E

Metres 20 0 20 40 Metres

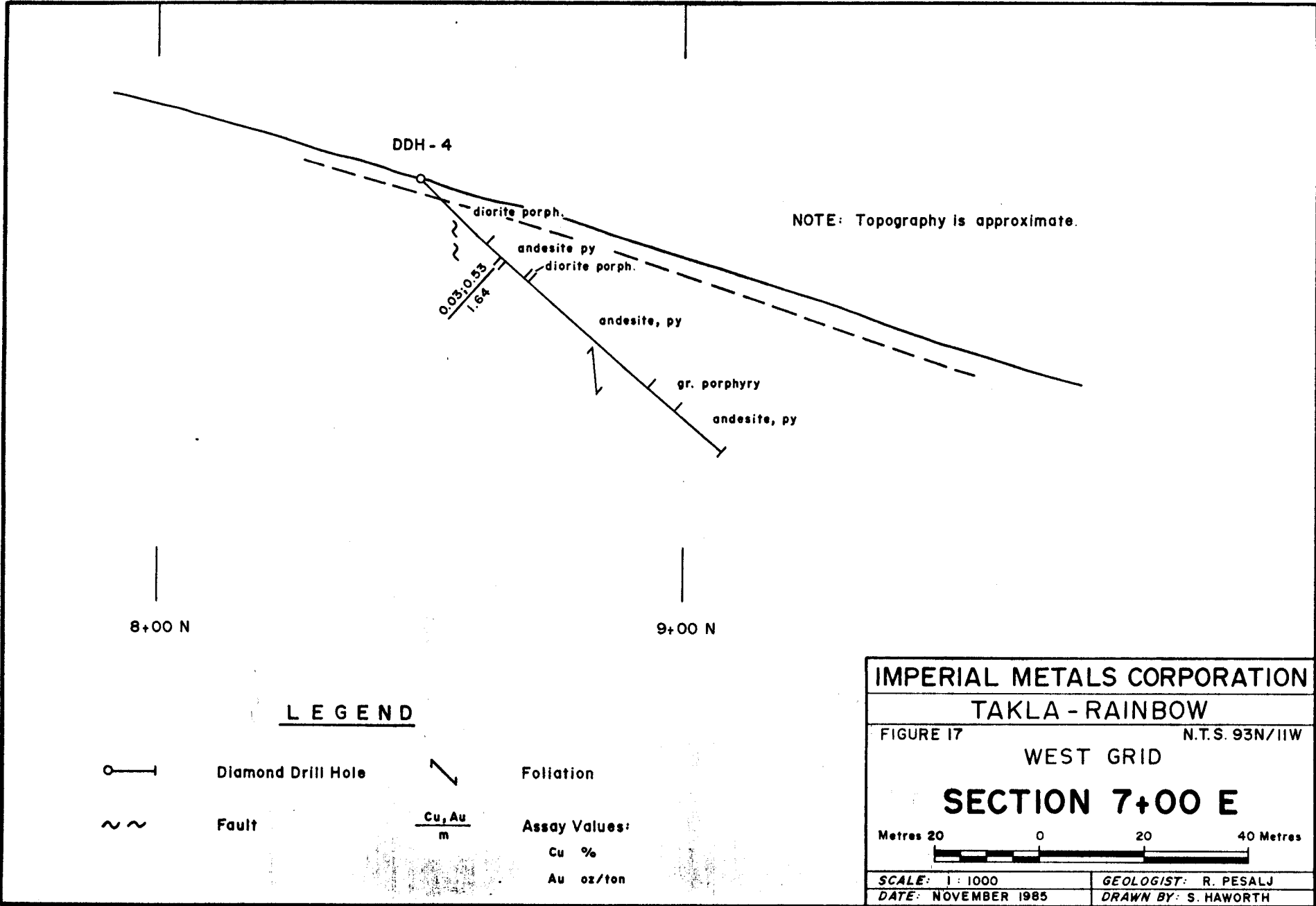


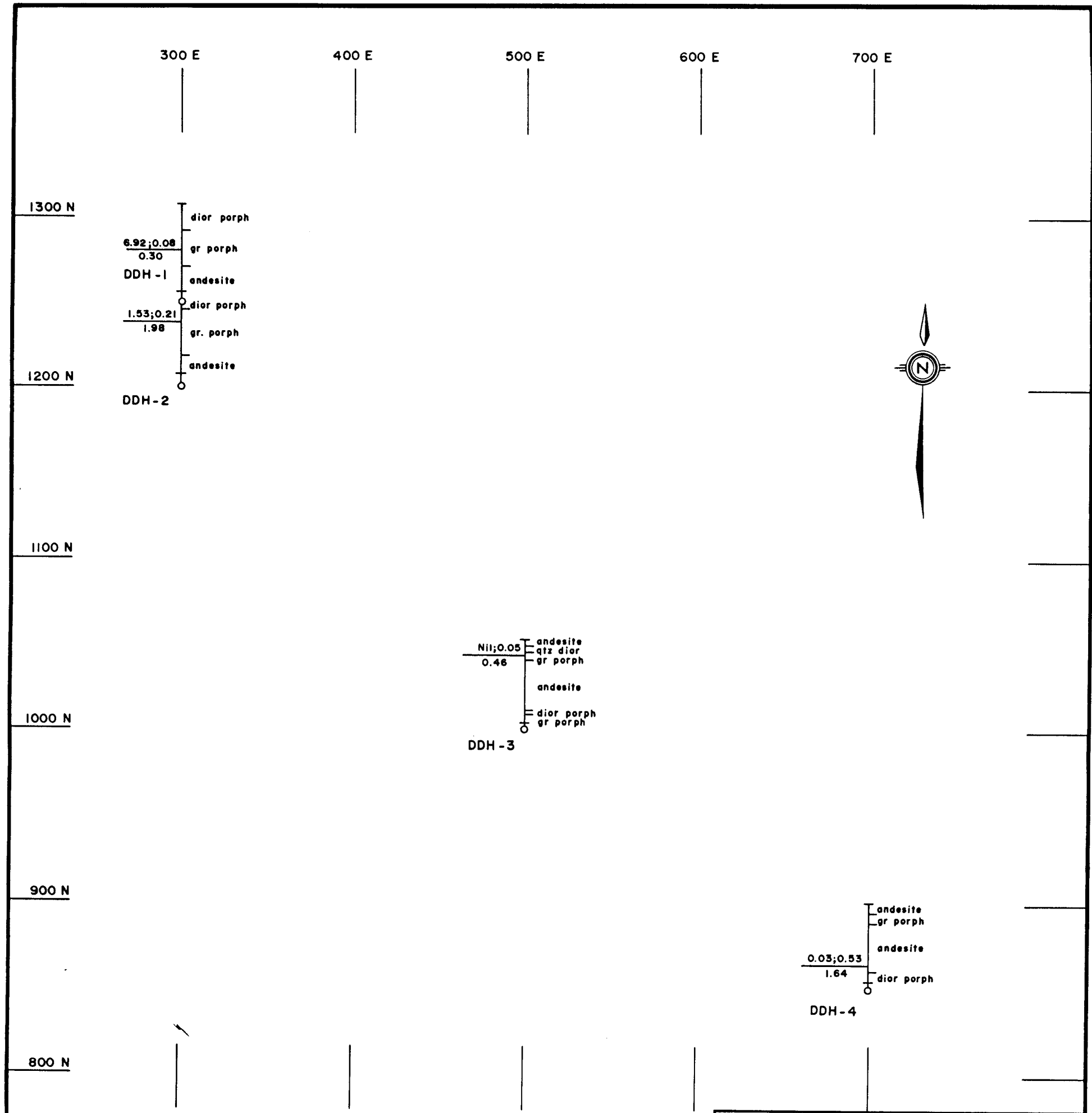
SCALE: 1 : 1000

GEOLOGIST: R. PESALJ


DATE: NOVEMBER 1985


DRAWN BY: S. HAWORTH





LEGEND

-  Diamond Drill Hole
- $\frac{Cu, Au}{m}$ Assay Values:
 - Cu %
 - Au oz/ton

| | |
|---|----------------------|
| IMPERIAL METALS CORPORATION | |
| TAKLA - RAINBOW | |
| FIGURE 18 | N.T.S. 93N/11W |
| WEST GRID | |
| BOREHOLE GEOLOGY PLAN | |
|  | |
| SCALE: 1:2500 | GEOLOGIST: R. PESALJ |
| DATE: NOVEMBER 1985 | DRAWN BY: S. HAWORTH |