# GEOCHEMICAL, AND GEOPHYSICAL ASSESSMENT REPORT ON THE IRON MOUNTAIN PROPERTY

NICOLA MINING DIVISION,
MERRITT AREA, BRITISH COLUMBIA

LOCATION:
N.T.S.: 92 I - 2
LATITUDE: 50° 03'N.
LONGITUDE: 122° 45'W.

CLAIMS:

TWO (480), BY (481), FOUR (482), TWO BY FOUR (484),
SHORT STUD (667), FIR STUD (1216), FIERRO #3 (997)

OPERATOR

GOLDEN DYNASTY RESOURCES LTD.
WORLD TRADE CENTRE
SUITE 404-999 CANADA PLACE
VANCOUVER, BRITISH COLUMBIA V6C 3E2



OWNER

K. WAYNE LIVINGSTONE
6775 WEST BOULEVARD
VANCOUVER, BRITISH COLUMBIA

PREPARED BY:

GRANT F. CROOKER, B.SC., FGAC
BOX 234
KEREMEOS, B.C. VOX 1NO



DECEMBER 4, 1987

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## SUMMARY

The Iron Mountain Property, consisting of 7 metric mineral claims totaling 32 units covers about 8 square kilometers in the Nicola Mining Division about 7 kilometer south-southwest of Merritt, B.C. Good road access exists to a number of old workings on the property which include a +100 foot shaft from which 36 tons shipped to Trail in 1947 produced 67 ounces of silver, 11,819 pounds of lead, and 484 pounds of zinc.

The property has a long history of exploration and development with hematite-chalcopyrite occurrences located on the south side of Iron Mountain in 1897. The property has named workings called the Leadville, Comstock and Lucky Todd with a baritic lead-zinc-silver vein developed by the Leadville shaft. The property is reported to have been worked by lessees in 1947, and some ore was shipped.

Iron Mountain is underlain by basic to acidic volcanic rocks and associated sedimentary rocks of the Triassic Nicola Group. The area has previous been explored by Quintana Minerals Corporation, Chevron Standard Limited, Kidd Creek Mines Ltd. and others because of a similar geological setting to deposits in the Highland Valley, the presence of a favourable volcanic setting for massive sulphide deposits, and the presence of high grade baritic lead-zinc silver "vein" mineralization. Recent interest has been stimulated by the discovery of strong gold values with hematite-chalcopyrite mineralization on the surrounding Diane Property of Abermin Corporation. The Iron Mountain Property contains hematite-chalcopyrite zones which have not been adequately tested for gold content but have excellent potential. The property also contains overburden covered areas that warrant testing with geochemical and geophysical methods to select drill targets for gold or massive sulphide deposits.

The 1987 work program conducted for Golden Dynasty Resources Ltd. was successful in locating quartz veins in the Shaft 3 area from which two one meter wide chip samples (IM-22 and IM-24) collected by the writer assayed 0.295 and 0.286 oz Au/ton, respectively. VLF-EM and magnetic surveys indicated northwest and east-west conductive trends that require additional trenching in Trench E and Shaft 1 areas.

The initial exploration program conducted by Golden Dynasty Resources Ltd. on the Iron Mountain Property has been successful in defining a gold bearing vein in the Charmer Zone and stratabound conductive zones (VLF-EM) with associated base metals, silver values and siliceous baritic material in the Lucky Todd-Constock Zone that warrant initial drilling and trenching. Limited prospecting of the LD showing has confirmed the presence of massive sulfide-barite and stringer zone clasts in slump deposits with grid geochemical and geophysical surveys required to locate the source.

A success contingent, staged exploration program is recommended for the Iron Mountain Property with Stage 1 geochemical, geophysical, trenching and 500 meter drilling estimated to cost $100,000. Contingent Stage 2, 1000 meter and contingent Stage 3 1500 meter diamond drill program are estimated to cost $ 150,000 and $ 200,000 respectively.

## INTRODUCTION

The Iron Mountain Property, consisting of 7 metric mineral claims totaling 32 metric units covers about 800 hectares in the Nicola Mining Division near Merritt, British Columbia. The property was acquired by Golden Dynasty Resources Ltd. in July 1987 to explore gold bearing quartz-specularite veins on the Fierro # 3 claim and to investigate the possibility of stratabound, precious metal enhanced base metal deposits along strike and dip from the Lucky Todd Shaft and other old workings. The writer was retained to manage and exploration program on the Iron Mountain Property and to prepare a summary report with recommendations for further work, if warranted.

The 1987 exploration program was conducted between July 24th and August 17th, 1987 with extension of grid soil, VLF-EM, magnetic and geologic coverage of the Fierro #3, By, Two and Four claims.

The 1987 exploration program has been successful in defining exploration targets that warrant physical testing for possible economic gold and base metal potential. This report summarizes previous exploration of the Iron Mountain Property and provides recommendations for further success contingent staged exploration.

## LOCATION AND ACCESS (FIGURES 1 & 2)

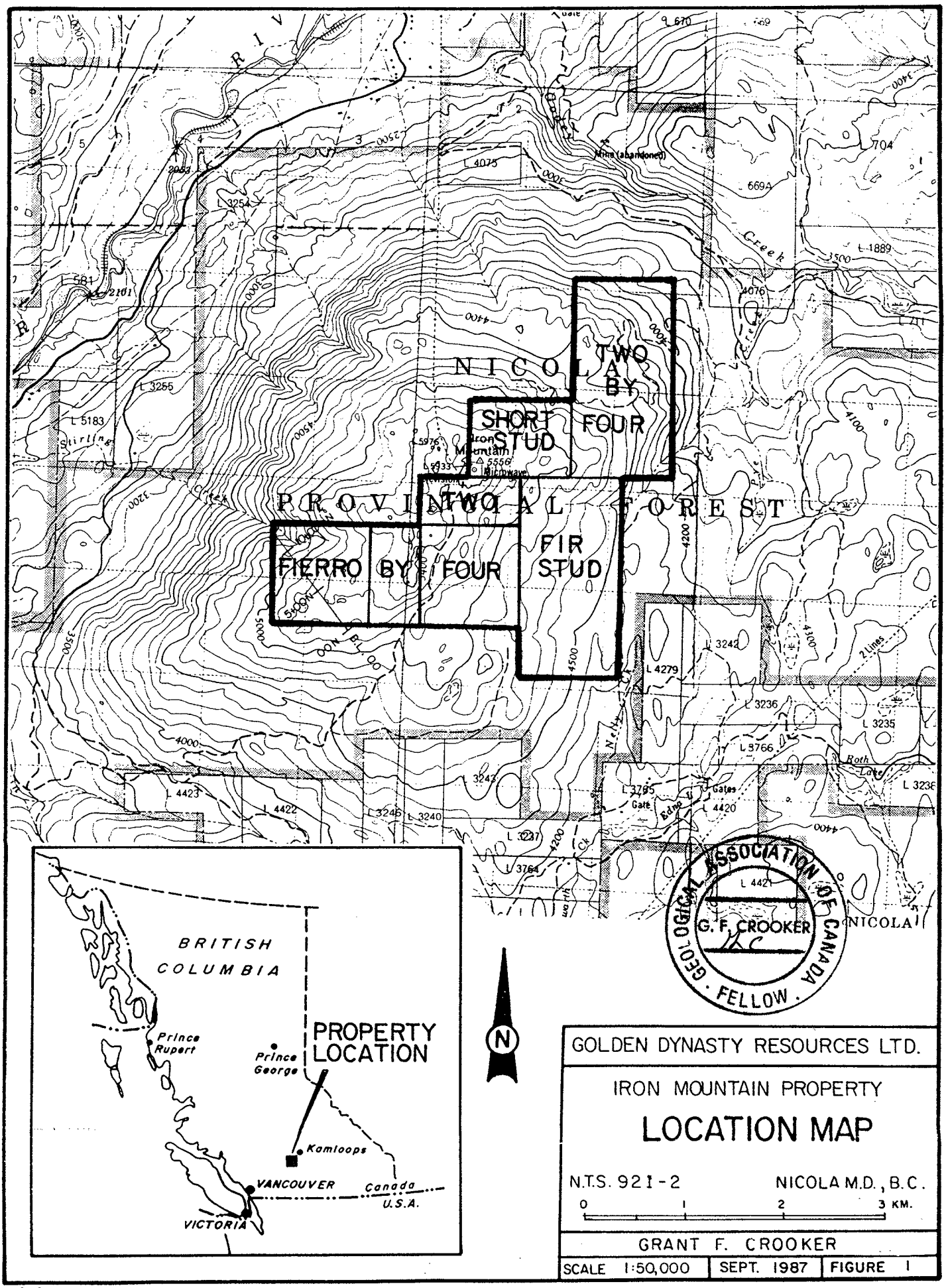
The Iron Mountain Property is located on the northeast, east and south flanks of Iron Mountain approximately 7 km south of Merritt, British Columbia in the Nicola Mining Division. The property is centered at geographic coordinates 50° 03'N. latitude and 122° 45'W in N.T.S. map sheet 92-I-2.

Access to the property is via a well maintained road used for servicing a microwave installation at about 1694 meters on Iron Mountain. The access road is reached via the Veale road which branch off the Coldwater Road approximately 5 km southwest of the Coldwater Road junction with Highway 5. Access to the Two By Four and Fir Stud claims is via the Fox Farm road which branches off Highway 5 approximately 2 km east of Merritt. The Coquihalla Highway cuts across the western flank of Iron Mountain within 2 km of the western boundary of Fierro #3. The Coquihalla Highway allows same day, drive in access to the property from Vancouver and one hour drive in access from Kamloops, British Columbia.

## PHYSIOGRAPHY AND VEGETATION

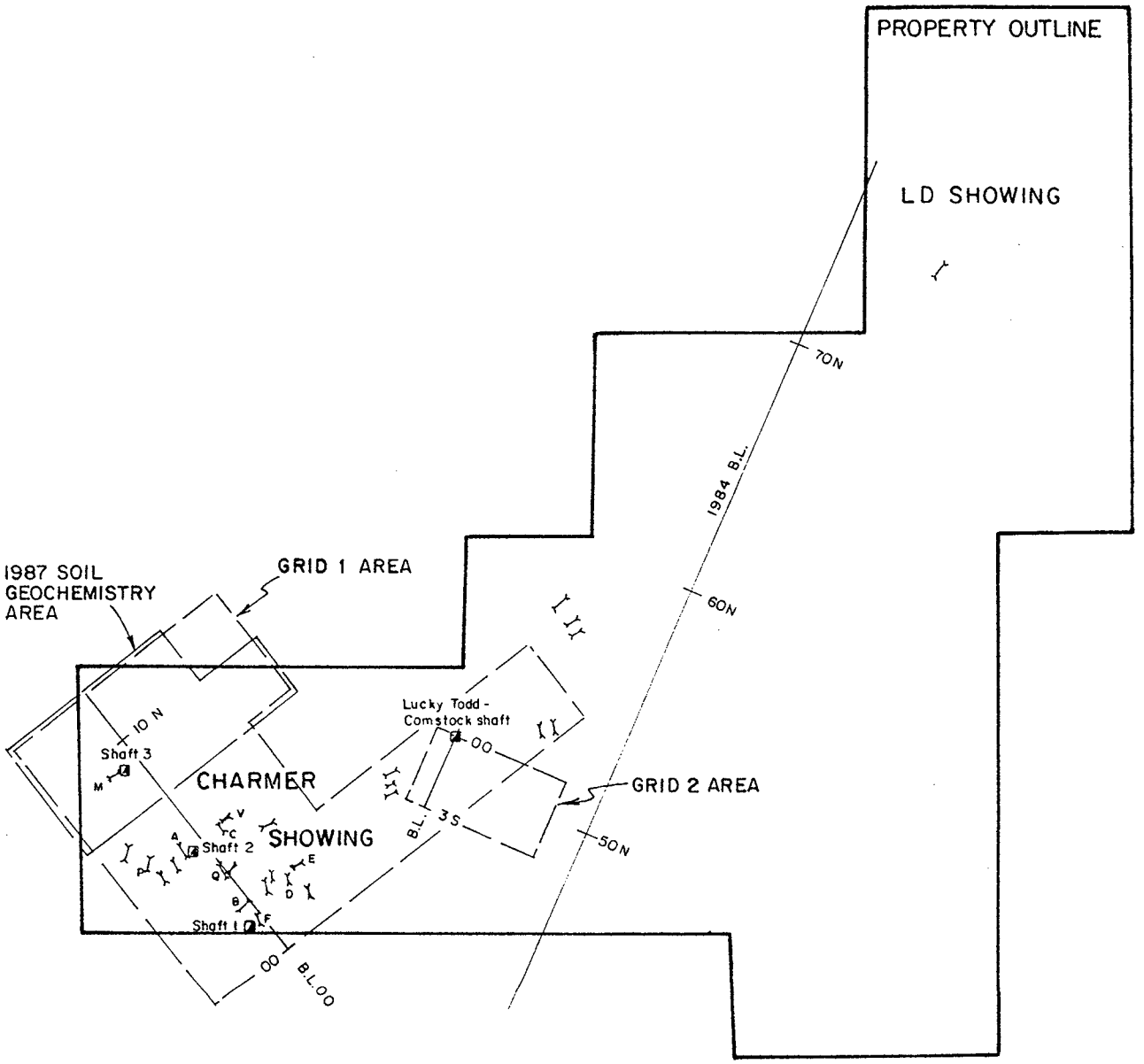
The property is situated within the Interior Plateau of south central British Columbia with the topography of Iron Mountain typical of the high rolling uplands of the region. Elevations on the property range from 3700 feet (1128 meters) in the northeast corner of the Two By Four claim to 5556 feet (1694 meters) at the summit of Iron Mountain with most of the property above 4700 feet (1433 meters).

The property is moderately forested with fir, spruce and pine with commercial stands generally restricted to lower elevations. Open timbered and grassy slopes occur on the plateau top which along with






CHONG




LEGEND

TRENCH

SHAFT

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IRON MOUNTAIN PROPERTY

# MAP SHOWING WORKINGS

N.T.S. 921-2 NICOLA M.D., B.C.

0 500 1000 1500 METRES

GRANT F. CROOKER

SCALE 1:25000 | SEPT. 1987 | FIGURE 2

CHONG

broad valleys are used for rangeland. Till and soil cover ranges from one to several meters and is generally thicker on the lower slopes.

## PROPERTY DEFINITION

The Iron Mountain Property, comprised of seven metric claims totaling 32 units covers about 800 hectares in the Nicola Mining Division, British Columbia. Claim records, examined in the recording office in Merritt, British Columbia indicate that the claims comprising the Iron Mountain Property were acquired between July 7, 1978 and December 11, 1981 by K.W. Livingstone or his agent. Pertinent claim data is summarzied in Table 1 and claim locations are shown on Figure 2.

Table 1. Pertinent Claim Data for Iron Mountain Property.

| Name | Record # | Units/Shape | Recorded | Work Due | Staker |
|---|---|---|---|---|---|
| TWO | 480(7) | 2/1Nx2E | JULY 7/78 | 1995 | K.W.Livingstone |
| BY | 481(7) | 2/2Sx1W | " | 1995 | " |
| FOUR | 482(7) | 4/2Sx2E | " | 1995 | " |
| TWO BY FOUR | 484(7) | 8/4Nx2E | " | 1995 | " |
| SHORT STUD | 667(7) | 4/2Sx2W | JULY 26/79 | 1995 | W.A. Howell |
| FIERRO #3 | 997(2) | 4/2Nx2E | Feb. 5/81 | 1995 | " |
| FIR STUD | 1215(12) | 8/4Sx2W | Dec. 11/81 | 1994 | " |

## HISTORY

The initial discovery of the 'Leadville' barite-galena showing was made by Emmett Todd in 1927 with development including sinking of a 70 foot shaft in 1927 and 1928. In 1929, Comstock B.C. Ltd held 1000 acres of claimed land but failed to expedite the planed exploration programs.

In 1947 George Hunter and partners acquired the Leadville and renamed the shaft 'Lucky Todd'. The shaft was rehabilitated with a 36 ton shipment to Trail yielding 67 ounces of silver, 11,819 pounds of lead and 484 pounds of zinc.

In 1951 Granby Mining Corporation dewatered and sampled the 'Lucky Todd Shaft'. From 1968 to 1974 Acoplomo Mining and Development Co. Ltd., under the direction of Sherwin F. Kelly conducted magnetometer, E.M., soil sampling and diamond drilled 586 feet. Location and results of diamond drilling are unknown.

In 1977 Quintana Minerals Corporation mapped the property and in 1978 Dr. W.J. McMillan of the British Columbia Ministry of Mines conducted regional mapping of Iron Mountain (McMillan, 1979).

From 1979 to 1981 Chevron Canada Ltd. held the property under option from Gordon Richards of JMT. Chevron conducted geological mapping, soil sampling and geophysical surveys. In 1983 Billiton Canada Ltd. conducted a Pulse E.M. test over the Lucky Todd area of the property and in 1984 Kidd Creek Mines Ltd. conducted soil and rock geochemical surveys and 13.5 line kilometers of magnetometer, induced polarization survey and resistivity surveys.

The 1984 induced polarization survey covered the trench A through E area of the Fierro 3 claim. The chargeability pattern is consistent with sulphide content of 1 to 3 percent but the abundant magnetite and hematite exposed in trenches responds poorly to the induced polarization method (Boronowski and Hendrickson, 1984).

The property was acquired by Golden Dynasty Resources from ROR Enterprises Limited in July 1987 to further test the property for vein type precious metal deposits and precious metal enhanced massive sulphide deposits.

## WORK PROGRAM

The 1987 field program was conducted between July 24, 1987 and August 18, 1987 with the writer retained by Peter Christopher & Associates Inc. to supervise the field program and prepare assessment reports and qualifying reports on the property. Renegade Mineral Services Ltd. provided Mick Sidhu to collect data for the magnetic and VLF-EM surveys and Pond Cad Drafting was retained to plot magnetic data and plot profiles and contoured Fraser Filter diagrams for the VLF-EM surveys. Geochemical values were plotted by Chong Drafting. Previous magnetic data from the Grid #1 area was added to the magnetic plot by Chong Drafting.

The 1987 work program consisting of geochemical sampling, VLF-EM and magnetic surveys. Surveys were conducted in the Grid #1 area on the Fierro 3 claim and Grid #2 area covering the Lucky Todd-Comstock Shaft area on the By and Four claims. A total of about 25 line kilometers of grid was cut in the Grid #1 area and 2.4 line kilometers was cut in the Grid #2 area. Stations were chained, flagged and picketed at 25 meter intervals.

A soil and rock geochemical program was conducted over the Grid #1 area with a total of 360 soils collected from the B horizon at a depth of about 25 centimeters, placed in kraft soil bags and shipped to Acme Analytical Laboratories Ltd. in Vancouver for 30 element ICP and gold geochemical analyses. Contoured geochemical maps for gold, copper, silver, lead and zinc are presented as Figures 7a through 7e. A total of 18 rock samples were collected mainly from old workings in the Grid # 1 area with sample locations and significant gold results plotted on Figures 6a through 6d. Analytical values are presented in Appendix A.

VLF-EM readings were taken using Annapolis for station 1 except as noted on plots and Seattle, Cutler and Hawaii as station 2. Computer plots of dip angles and quadrature and contoured Fraster Filter values are presented as Figures 4a through 4d and 5a through 5d with contoured instrument reading of the magnetic field presented in Figure 4e. Base station readings indicated diurnal variations of less than 100 gammas during the survey and considering the strong magnetic relief in the grid area, no correction for diurnal variation was made.

## REGIONAL GEOLOGY

The Iron Mountain Property lies within the Intermontane Belt of the Canadian Cordillera and is underlain by Upper Triassic, Nicola Group volcanic and sedimentary rocks. Cretaceous Kingsvale Group volcanic and sedimentary rocks outcrop to the north and east of the property. The area is segmented by northeasterly, northwesterly and northerly trending faults.

The regional geology has been mapped by Cockfield (1939-1944), Schau (1968) and McMillan (1977, 1978).

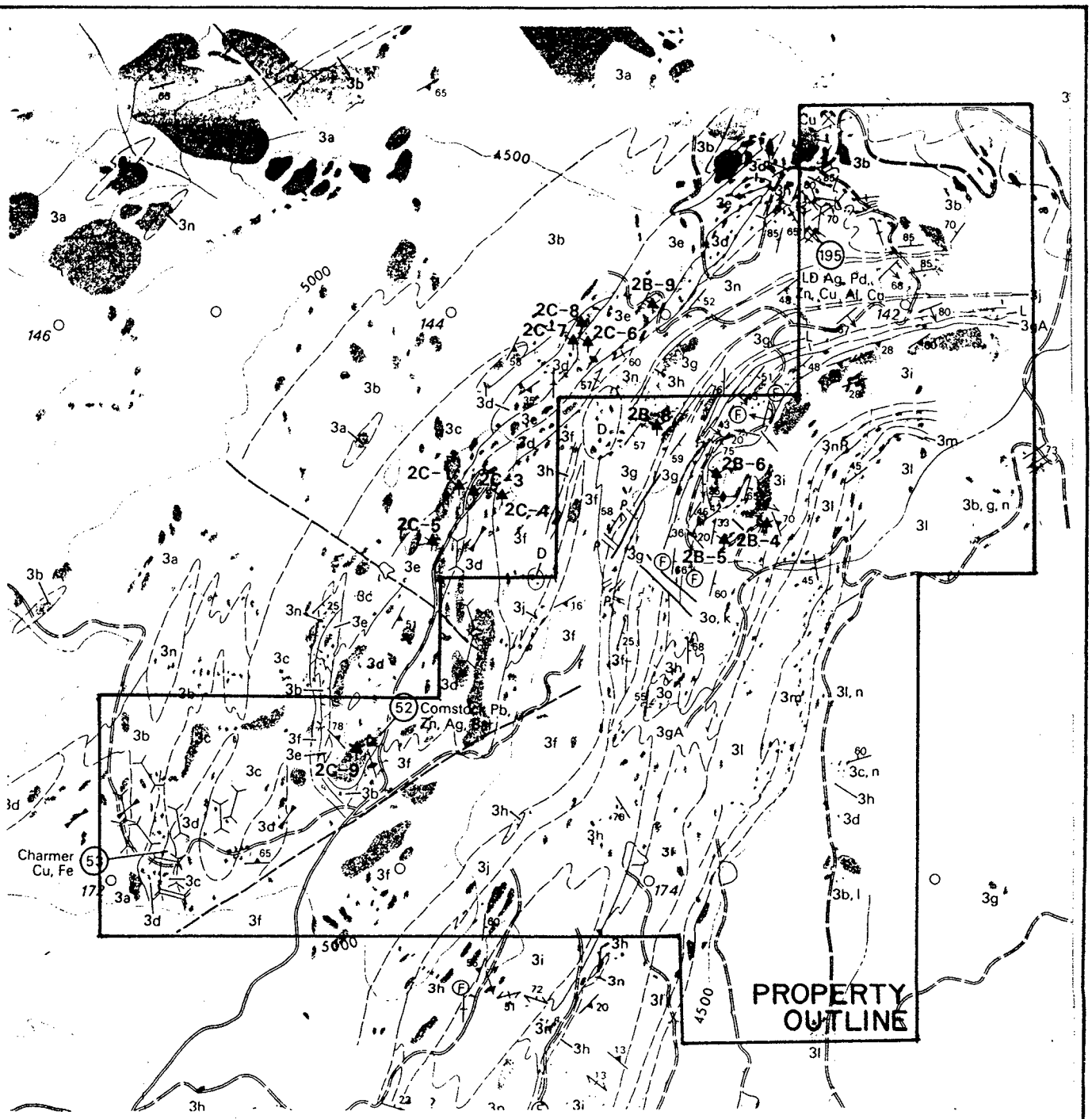
## PROPERTY GEOLOGY (Figure 3)

The geology of Iron Mountain was mapped in detail by W.J. McMillan (Paper 79-1 p.34; reproduced as Figure 3) in 1978. A 5,000 meter thick section of Nicola Group is exposed on Iron Mountain. At the base of the section is a microdiorite of unknown thickness. The microdiorite is overlain by an approximately 1500 meter thick sequence of basaltic and andesitic flows. Flow breccia and andesitic volcanic breccia occur within the flows. Near the top of the flow unit, rhyolitic breccias and potassium-rich rhyolitic lavas become common with lesser chloritic fragment acid to andesitic breccias.

The acid lava and breccia zone is overlain southward by basaltic to andesitic flows with contained argillaceous limestones indicating periods of quiescence and felsic tuffs indicating periods of explosive volcanic activity. To the northeast, the basic flows pinch out and sandy to pebbly volcano-sedimentary rocks overlie the rhyolitic zone. Limestone breccia overlies the volcano-sedimentary rocks with a thin bed of impure limestone overlying the limestone breccia. Further northeast, the rhyolitic zone and overlying sedimentary rocks abut against a large, irregularly lensoid body of andesitic lapilli to bomb breccia. The thin impure limestone unit also overlies the andesitic lapilli to bomb breccia and volcanic breccias with mainly acidic clasts overlie the limestone.

An 8 kilometer long marker unit is composed of feldspathic, often quartz bearing, red lapilli tuff. To the south it is overlain by limestone bodies and overlies basic volcanic rocks. Northerly, it is overlain by andesitic to acidic volcano-sedimentary rocks and breccias. Fossiliferous limestone layers are found within the volcano-sedimentary rocks. A distinctive golden brown weathering argillite to sandstone succession ranging up to 10 meters in thickness forms the top of the sedimentary unit in the northeast.

Lensy bodies of siliceous volcanic rocks overlie the sedimentary unit to the northeast, and occur within the limestones to the south. Dark green, massive to bedded fragmental plagioclase-bearing crystal lithic tuffs and flows interfinger with the dacite to the east of Iron Mountain peak. The feldspathic volcanics appear to be largely of pyroclastic origin and the variations in rock types resemble those of subaerial cinder cones.

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# GEOLOGY

N.T.S. 92I-2 NICOLA M.D., B.C.

0 500 1000 METRES

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| SCALE 1:25,000 | OCT. 1987 | FIGURE 3a |
|---|---|---|

CHONG

# LEGEND

**LATE TRIASSIC**
***WESTERN BELT (KARNIAN TO NORIAN)***

- 3p GREEN-QUARTZ PLAGIOCLASE DACITE PORPHYRY FLOWS AND BRECCIA; CHERTY AND CRYSTAL TUFFS
- 3o MONOMICTIC (FLOW) BRECCIA; CLASTS ARE PLAGIOCLASE PORPHYRITIC
- 3n VOLCANIC SANDSTONE TO SILTSTONE AND TUFF; RED VERSION (R)
- 3m RED REEFOID LIMESTONE
- 3l RED TO PURPLE ANDESITIC BRECCIA AND TUFF
- 3k GREEN TO GREY-GREEN PLAGIOCLASE CRYSTAL-LITHIC ASH TO LAPILLI TUFF AND BRECCIA
- 3j RED ACCRETIONARY LAPILLI TUFF; LITHIC CLASTS, QUARTZ, AND FELDSPAR CRYSTAL FRAGMENTS
- 3i GENERALLY GREEN MASSIVE TO FLOW LAYERED POTASSIC FELDSPAR-POOR DACITE FLOWS AND BRECCIA; LOCAL DACITE TUFF
- 3h MASSIVE TO POORLY BEDDED LIMESTONE, LOCALLY FOSSILIFEROUS AND REEFOID; ASSOCIATED LIMY SEDIMENTARY ROCKS
- 3g POLYMICTIC ACIDIC FRAGMENTAL VOLCANIC ROCKS WITH LOCAL *PYRITIC CLASTS AND BEDS; PARTS OF THE SECTION* HAVE INTERLAYERED ARGILLITE (A), LIMESTONE (L), AND VOLCANIC SANDSTONE
- 3f AMYGDALOIDAL DARK GREEN PLAGIOCLASE ANDESITE FLOWS, AGGLOMERATE OR FLOW BRECCIA
- 3e ASH FLOW TUFF, PROBABLY SUBMARINE; LAPILLI TO ASH-SIZED CLASTS
- 3d BROWN TO *PINKISH POTASSIC FELDSPAR-RICH DACITE TO* RHYOLITE FLOWS AND FLOW BRECCIAS; WHITE TO PALE GREEN RHYOLITE
- 3c MIXED ANDESITE-TO DACITE-CLAST VOLCANIC BRECCIA
- 3b GREEN TO GREY ANDESITIC VOLCANIC BRECCIAS
- 3a DARK GREY TO GREEN MASSIVE TO PLAGIOCLASE PORPHYRITIC ANDESITE TO BASALT FLOWS; AUGITE-RICH VARIETIES (A) SIMILAR TO UNIT 1a; RED TO BROWN VARIETIES (R); CHLORITE SCHIST (S) OR GNEISS (Gn) DERIVED FROM THE VOLCANIC ROCKS

**CUTTING WESTERN BELT ROCKS**

DIORITE (D), MICRODIORITE (MD), PORPHYRY DYKES (P)

**SYMBOLS**

- AREA OF OUTCROP
- GEOLOGICAL BOUNDARY: DEFINED, APPROXIMATE
- FAULT: APPROXIMATE, ASSUMED
- ATTITUDE OF BEDDING:
  - TOPS UNKNOWN, VERTICAL, DIP UNKNOWN
  - TOPS KNOWN, OVERTURNED
- ATTITUDE OF SCHISTOSITY
- PRIMARY IGNEOUS FLOW STRUCTURES
  - INCLINED, VERTICAL, DIP UNKNOWN
- FOSSIL LOCALITY (F)
- DYKE (P)
- TRENCH
- ADIT OR TUNNEL
- SHAFT
- INCLINED SHAFT
- PROSPECT PIT
- MINERAL SHOWING, WITH NAME, MINERAL INVENTORY NUMBER (i.e., 92I/SE-55) AND COMMODITY — or (51) SOO Cu

**COMMODITIES**

| | | | |
|---|---|---|---|
| COPPER | Cu | GOLD | Au |
| IRON | Fe | SILVER | Ag |
| MOLYBDENUM | Mo | BARITE | Bar |
| LEAD | Pb | COAL | Coal |
| ZINC | Zn | | |

- CHEMICAL ANALYSIS SAMPLE LOCATION

Geology by W. J. McMillan et al
Preliminary Map 47, 1981

*To accompany report by G.F. Crooker*

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GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY

# LEGEND FOR GEOLOGY

N.T.S. 92I-2 NICOLA M.D., B.C.

GRANT F. CROOKER

| SCALE — | OCT. 1987 | FIGURE 3b |
|---|---|---|

CHONG

Overlying the dacitic to feldspathic volcanics are red sandstones which are in turn overlain by red to purple volcanic breccias. A calcareous reefoid unit, in which calcareous organic remains occur in a dark hematitic red matrix, overlies the volcanic breccias. The reefoid unit has a strike length of approximately 4 kilometers and is of variable thickness. A mixed assemblage of acidic breccias, and andesitic breccias, flows and tuffs form the top of the section.

Rock units strike northerly to northeasterly and have steep easterly dips. Limited evidence appear to indicate tops to the east. The area is disected by northwest trending structures which control the location of Codey Creek and Kwinshatin Creek valleys. The northwest structure contains auriferous quartz veins on the Fierro #3 claim. The northwest structures are cut and slightly offset in a right lateral direction by northerly to northeasterly structure that lie east of Iron Mountain.

## MINERALIZATION

Two main types of mineral showings are presently known to occur on the Iron Mountain Property. The first type, lead-zinc-silver-barite (gold ?) is volcanogenic massive sulphide minerlaization that occurs at the Lucky Todd-Comstock Shaft and at the LD Showing (Figures 2 and 3). At the Lucky Todd showing, barite rich lead-zinc-silver mineralization has been explored by a >100 foot inclined shaft. The shaft is inaccessible at the present time but Cockfield (1948) describes the zone as striking N25$^{o}$E and dipping 80$^{o}$NW with heavy impregnation of barite accompanied by galena, sphalerite and pyrite. Dump material indicates at least two types of mineralization: banded veins and possibly bedded mineralization in a flow banded, K-rich rhyolite lava and rotated blocks of bedded, impure barite that carry small amounts of sphalerite, galena and grey copper. A shipment in 1947 of 36 tons of ore to the Trail smelter gave net contents of 67 oz silver (1.86 oz/ton), 11,819 lbs. lead (16.04%) and 484 lbs zinc (0.67%).

At the LD showing silver-lead-zinc-copper-barite-gold has been exposed in several old pits. Samples of float and outcrop by Kid Creek Mines personnel (Boronowski and Hendrickson, 1984) gave copper values ranging from 10 to 3240 ppm, silver values ranging from 0.4 to 59.4 ppm an gold values ranging from 1 to 2960 ppb.

A number of geological conditions on Iron Mountain fit into the volcanogenic massive sulphide conceptual model. These features include the presence of dacitic to rhyolitic flows and flow breccias, discontinuous pods and thin jasper beds, sulphide fragments, bedded gypsum, and galena-sphalerite-barite mineralization. Howell (1987 misc. notes) suggested possible volcanic centers near Iron Mountain Peak, the Luck Todd shaft, Charmer zone and LD occurrence.

The second type of mineral showing present on the Iron Mountain property is structurally controlled quartz-specularite-gold veins in the Charmer Zone. A number of trenches and 3 shafts have exposed quartz-specularite veins over a discontinuous strike length of 800 meters. At shaft 3 the vein strikes 160$^{o}$-340$^{o}$ and dips at 50-55$^{o}$ to the west.

At shaft 1, quartz-specularite veinlets with malachite staining occur within an andesite flow. Samples IM-7,8,9 (Figure 6a) taken by the author returned 560 ppb, 640ppb and 360ppb gold respectively.

Random dump sample IM-1 taken by the writer at Shaft 2 (Figure 6b) returned 2350 ppb gold and 1.8% copper. The sample was silicified, sinter-like quartz with malachite staining in a bleached and fractured dark, fine-grained volcanic. Specular hematite is common to locally abundant along with occasional quart stringers in dump material.

At Shaft 3 (Figure 6c) three quartz veins varying from 5 to 25 cm in width occur within a 2 meter wide zone in basaltic andesite. The veins are mineralized with chalcopyrite, malachite and grey sulphides. Specular hematite occurs in patches up to 15%. One meter chip samples IM-22 and IM-24 taken by the writer returned 0.295 and 0.286 oz Au/ton respectively.

Trench E (Figure 6d) exposed a 10 cm wide quartz vein containing chalcopyrite, pyrite with malacite and azurite stain. Chip sample IM-11 of the vein contained 341.8 ppm (>10oz. Ag/ton) and a three meter chip sample (IM-10) from bleached and silicified wall rock contained 72.1 ppm silver.

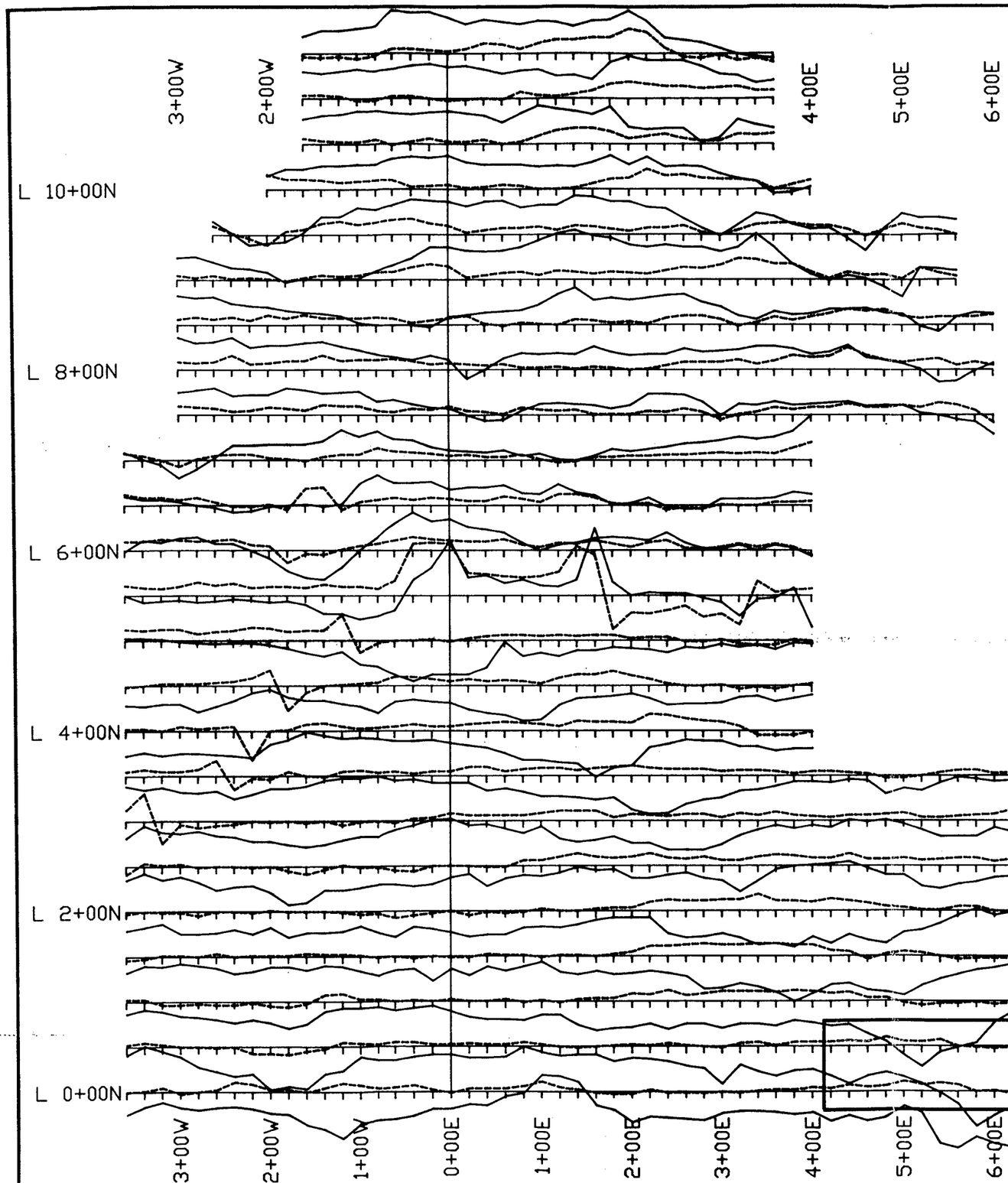
## GEOPHYSICAL SURVEYS

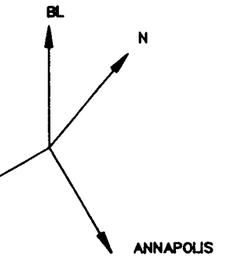
A total of 26 line kilometers of VLF-EM and 12.5 kilometers of magnetics was completed during the 1987 field season. The VLF-EM surveys were completed over about 24 kilometers of the Grid #1 area (Charmer Zone) and 2 kilometers in the Grid # 2 area (Lucky Todd-Comstock Shaft). Grid # 2 was constructed to confirm previous anomalous results and to test along geological strike from the Lucky Todd-Constock Shaft. About 12.5 kilometers of magnetics was conducted in the Grid #1 area to extend previous magnetic coverage.
A Geonics EM-16 unit was employed for the VLF-EM survey with Annapolis and Seattle the preferred stations and Hawaii and Cutler, Maine used when either Annapolis or Seattle were not transmitting. A Scintrex MP-2 proton procession magnetometer in the back pack mode was used for collecting magnetic field readings. VLF-EM data was computer plotted, Fraser Filtered and contoured and magnetic data was computer plotted and contoured by Pond Cad Services. Contours for 1984 magnetic survey data was added to Figure 4e by Chong Drafting.

### VLF-EM Results

The Fraser Filter plots for the Grid #1 area show strong positive anomalies in the area of Shaft 2 and Trench C (Figures 4b and 4d) with values over +60, and east-west and northwest trends indicated by the +20 contour. Excellent drill targets exist where intersecting structural trends are supported by anomalous rock and soil geochemical response.

Grid #2 was surveyed to test for conductors along strike from the Lucky Todd-Comstock shaft. Strong Fraser Filter trends were detected east and west of the baseline that was extended southerly from the Lucky Todd-Comstock shaft. The Fraser Filter values indicate at least



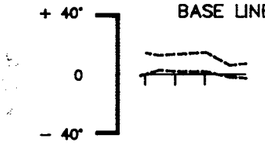




LEGEND GRID #1

TRANSMITTING STATION: ANNAPOLIS MD. EXCEPT AS NOTED

READINGS TAKEN FACING WEST

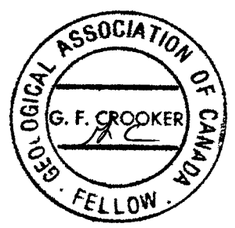
BASE LINE @ N40°W




SURVEY STATION

VLF–EM PROFILES, IN PHASE (SOLID) QUADRATURE (DASHED)

VERTICAL SCALE: 1 cm = 40°




STATION: CUTTLER ME.

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I–2

# VLF-EM SURVEY PROFILES STN.1

0 50 100 150 200 250
meters

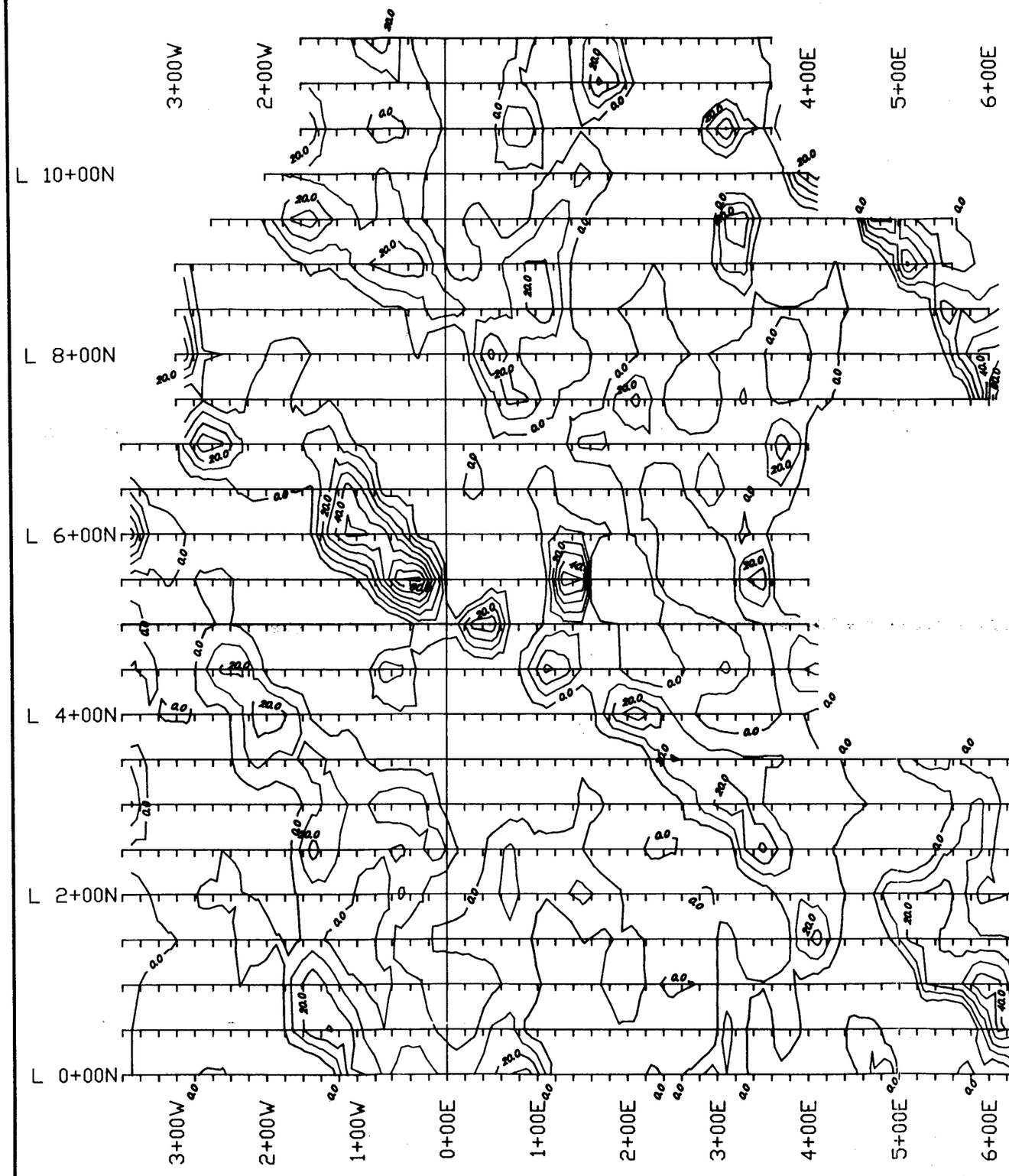
DATE: SEPTEMBER 1987
BY: M.A.P.

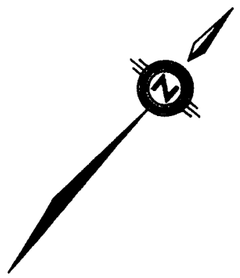
FIGURE: 4a

Prepared By: *POND CAD SERVICES*

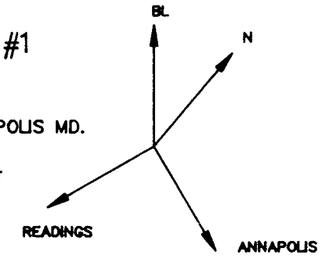
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,817



LEGEND GRID #1




TRANSMITTING STATION: ANNAPOLIS MD.
EXCEPT AS NOTED

READINGS TAKEN FACING WEST

BASE LINE ● N40°W

FRASER FILTER CONTOURS
0 – 70
CONTOUR INTERVAL 10

GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER
FELLOW

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

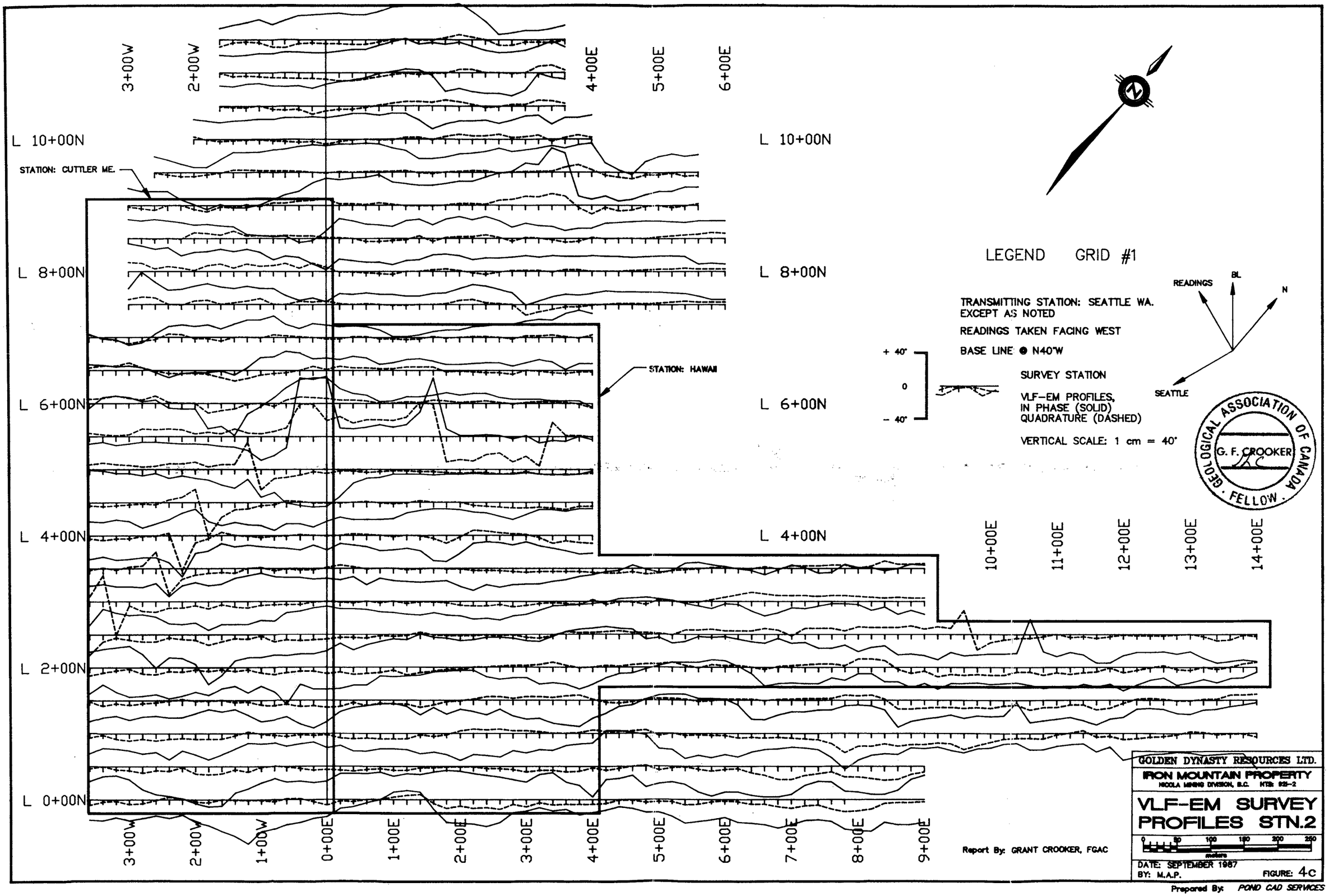
# VLF-EM SURVEY
## FRASER FILTER STN.1

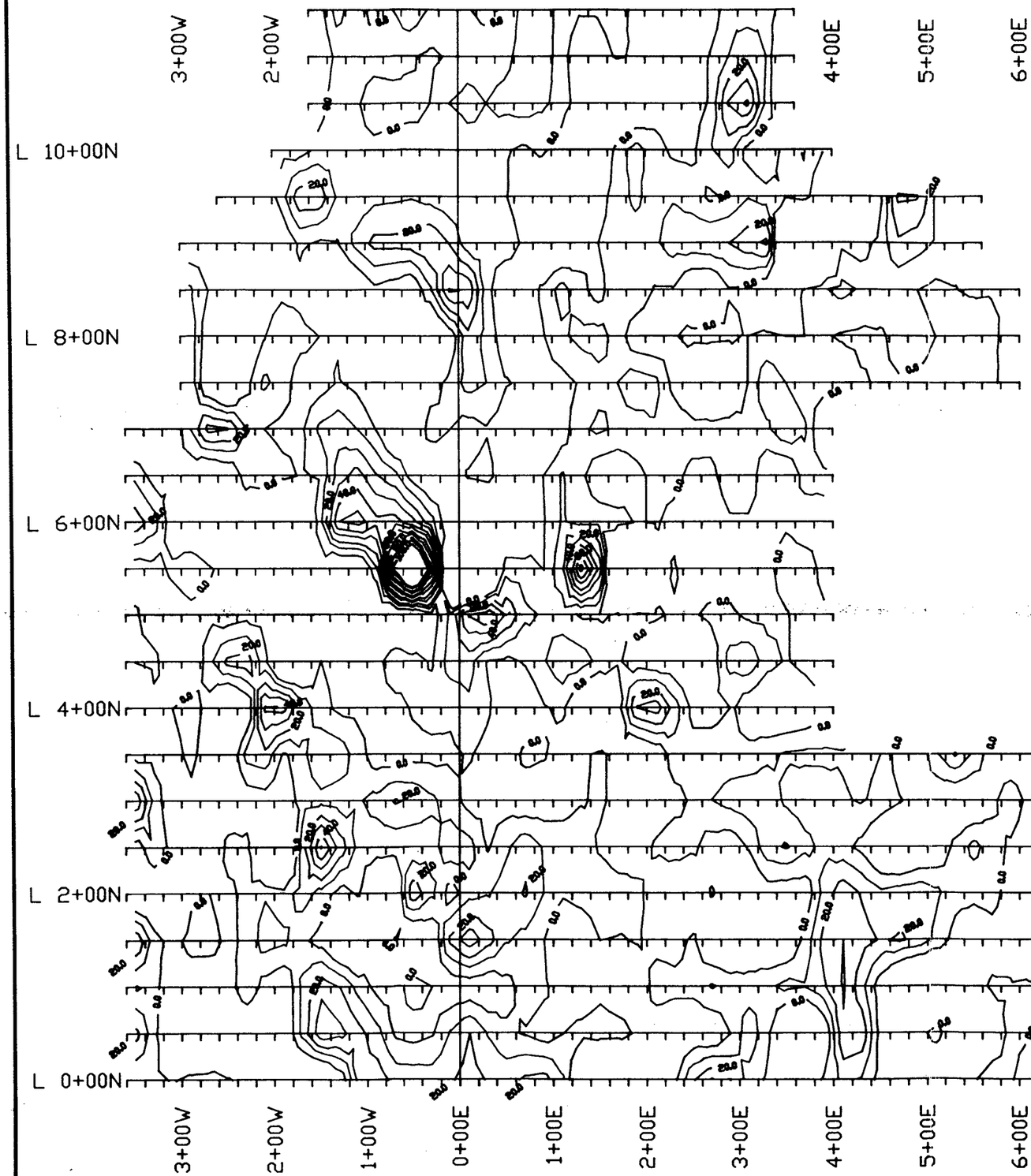
0 50 100 150 200 250
meters

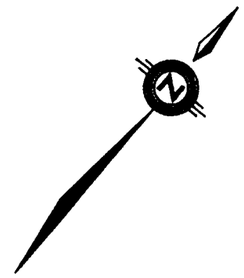
DATE: SEPTEMBER 1987
BY: M.A.P.

FIGURE: 4b

Prepared By: *POND CAD SERVICES*


3+00W
2+00W
4+00E
5+00E
6+00E
L 10+00N
STATION: CUTTLER ME.
L 8+00N
L 6+00N
STATION: HAWAII
L 4+00N
L 2+00N
L 0+00N
3+00W
2+00W
1+00W
0+00E
1+00E
2+00E
3+00E
4+00E
5+00E
6+00E
7+00E
8+00E
9+00E
10+00E
11+00E
12+00E
13+00E
14+00E
L 10+00N
L 8+00N
L 6+00N
L 4+00N
LEGEND GRID #1
TRANSMITTING STATION: SEATTLE WA. EXCEPT AS NOTED
READINGS TAKEN FACING WEST
BASE LINE @ N40°W
+ 40°
0
- 40°
SURVEY STATION
VLF-EM PROFILES, IN PHASE (SOLID) QUADRATURE (DASHED)
VERTICAL SCALE: 1 cm = 40°
READINGS
BL
N
SEATTLE
GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER
FELLOW
Report By: GRANT CROOKER, FGAC
GOLDEN DYNASTY RESOURCES LTD.
IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2
VLF-EM SURVEY PROFILES STN.2
0 50 100 150 200 250
metres
DATE: SEPTEMBER 1987
BY: M.A.P.
FIGURE: 4-C
Prepared By: POND CAD SERVICES



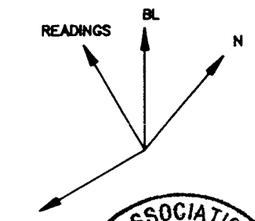



LEGEND GRID #1

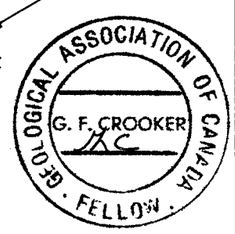
TRANSMITTING STATION: SEATTLE WA.
EXCEPT AS NOTED ON PROFILE MAP

READINGS TAKEN FACING WEST

BASE LINE @ N40°W




FRASER FILTER CONTOURS
0 – 100
CONTOUR INTERVAL 10




L 10+00N
L 8+00N
L 6+00N
L 4+00N
L 2+00N
L 0+00N

10+00E
11+00E
12+00E
13+00E
14+00E

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

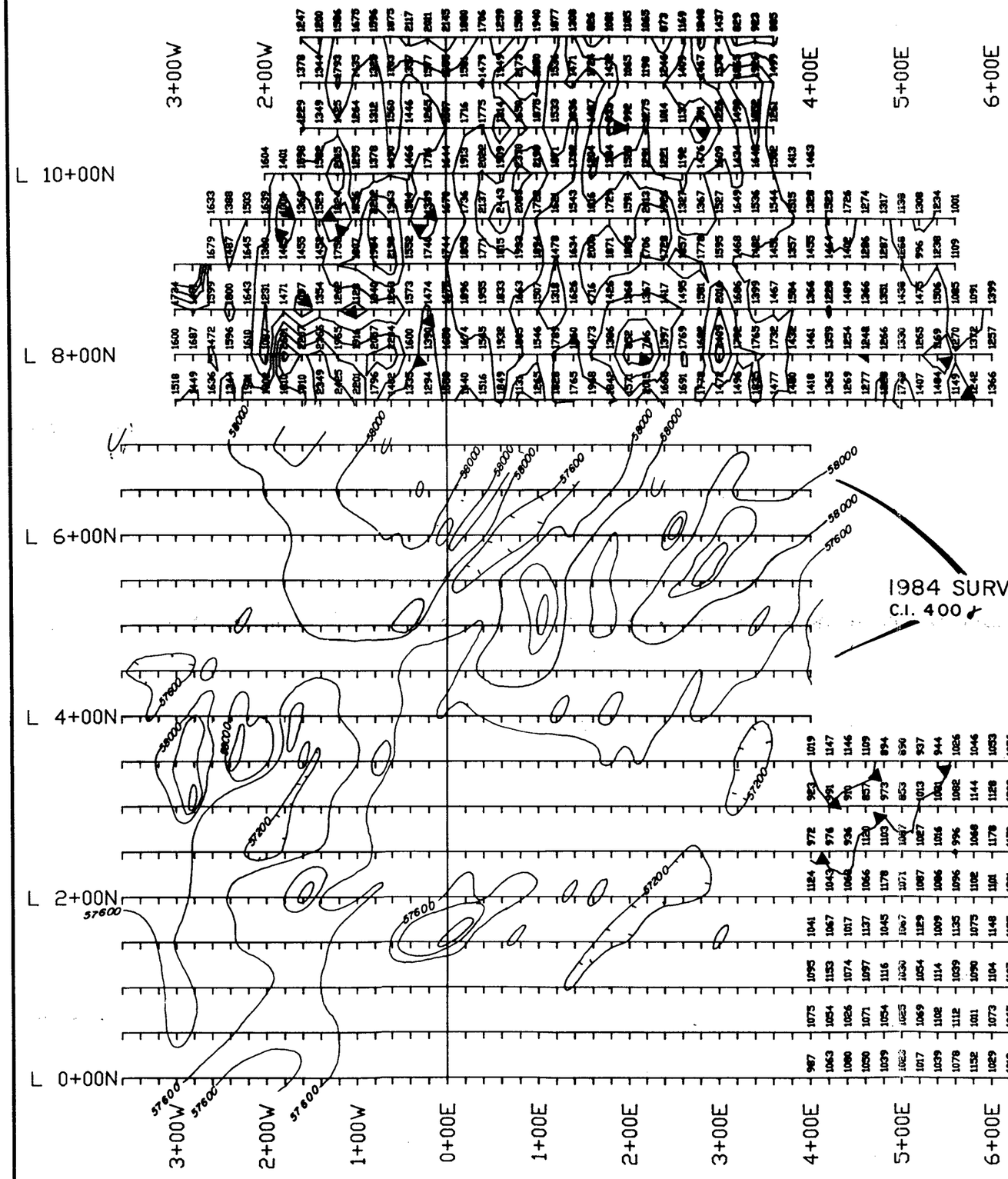
# VLF-EM SURVEY
## FRASER FILTER STN.2

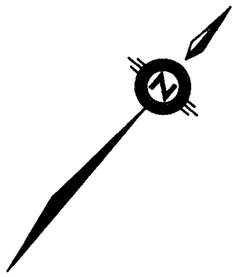
0 50 100 150 200 250
meters

DATE: SEPTEMBER 1987
BY: M.A.P.

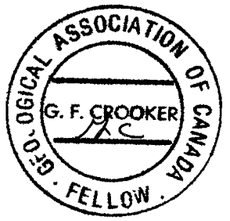
FIGURE: 4d

Prepared By: *POND CAD SERVICES*



LEGEND GRID #1




BASE LINE @ N40°W

1242 / 1366 — SURVEY STATION; MAGNETOMETER VALUE AND CONTOUR LINE (1987 SURVEY)

ALL VALUES + 56,000 GAMMAS
CONTOUR INTERVAL 250 GAMMAS
RANGE 750 - 2500 GAMMAS

MAGNETIC LOW

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

# MAGNETOMETER SURVEY

0 50 100 150 200 250
Meters

DATE: SEPTEMBER 1987
BY: M.A.P.
FIGURE: 4e

Prepared By: *POND CAD SERVICES*

10+00N

7+50N

FIERRO 3 BY

6+00E

5+00 N

2+50N

4+00E

2+00E

B.L. 00

2+00 W

4+00W

B.L.

8+50N

0 10 20metres

10 ppb Au

20 " "

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IRON MOUNTAIN PROPERTY

# GOLD IN PPB

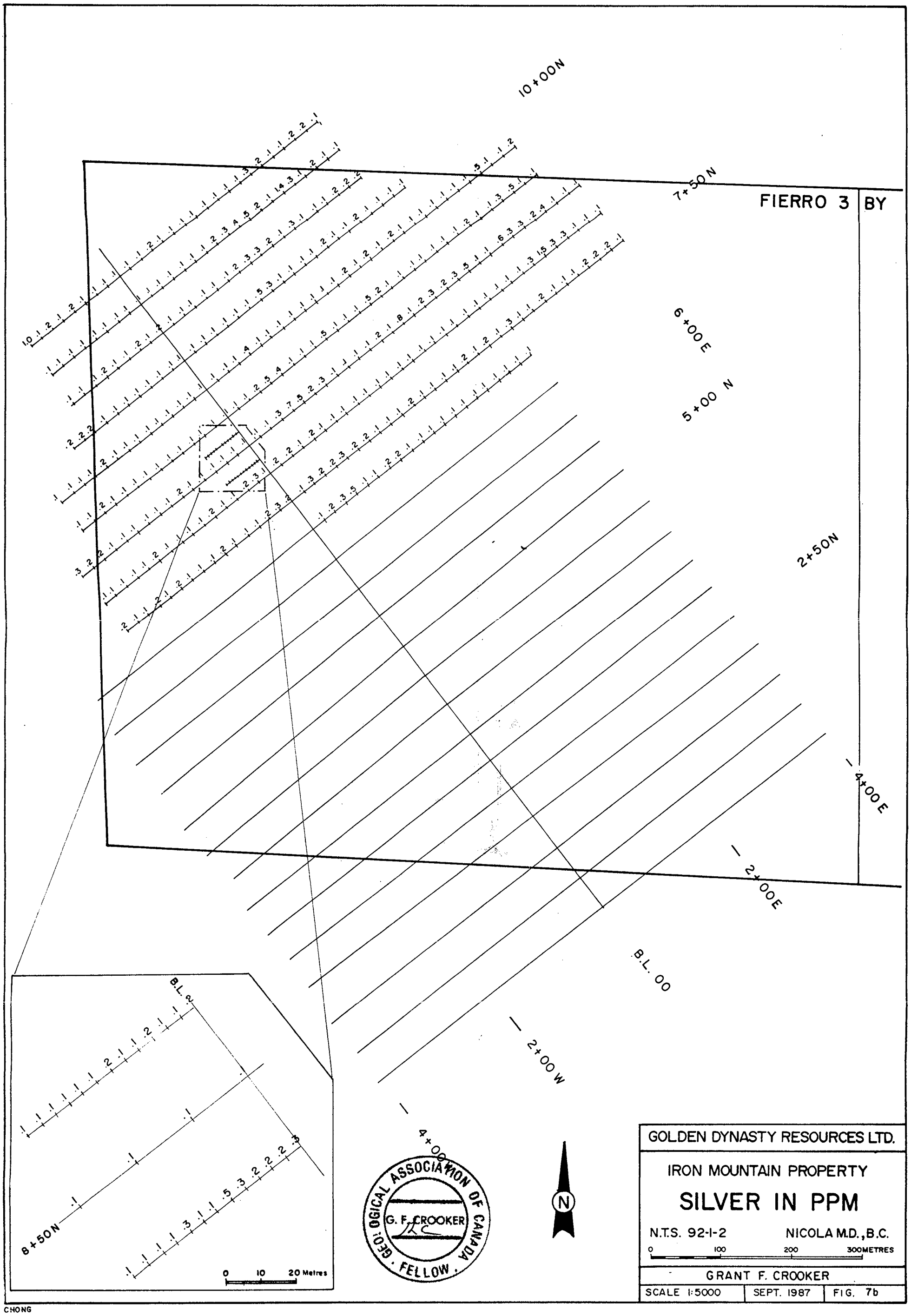
N.T.S. 92-1-2 NICOLA M.D., B.C.

0 100 200 300METRES

GRANT F. CROOKER

| SCALE 1:5000 | SEPT. 1987 | FIG. 7a |
|---|---|---|

CHONG


10+00N
7+50N
6+00E
5+00 N
2+50N
4+00E
2+00E
B.L. 00
2+00W
4+00W
B.L. 2
8+50N
0 10 20 Metres
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N
FIERRO 3 BY
GOLDEN DYNASTY RESOURCES LTD.
IRON MOUNTAIN PROPERTY
SILVER IN PPM
N.T.S. 92-1-2
NICOLA M.D., B.C.
0 100 200 300METRES
GRANT F. CROOKER
SCALE 1:5000
SEPT. 1987
FIG. 7b

CHONG

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,817

FIERRO 3 BY

10+00N

7+50 N

6+00E

5+00 N

2+50N

4+00E

2+00E

B.L. 00

2+00 W

4+00 W

B.L.

8+50 N

0 10 20 Metres

60 ppm Cu
100 " "

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GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY

# COPPER IN PPM

N.T.S. 92-I-2 NICOLA M.D., B.C.

0 100 200 300METRES

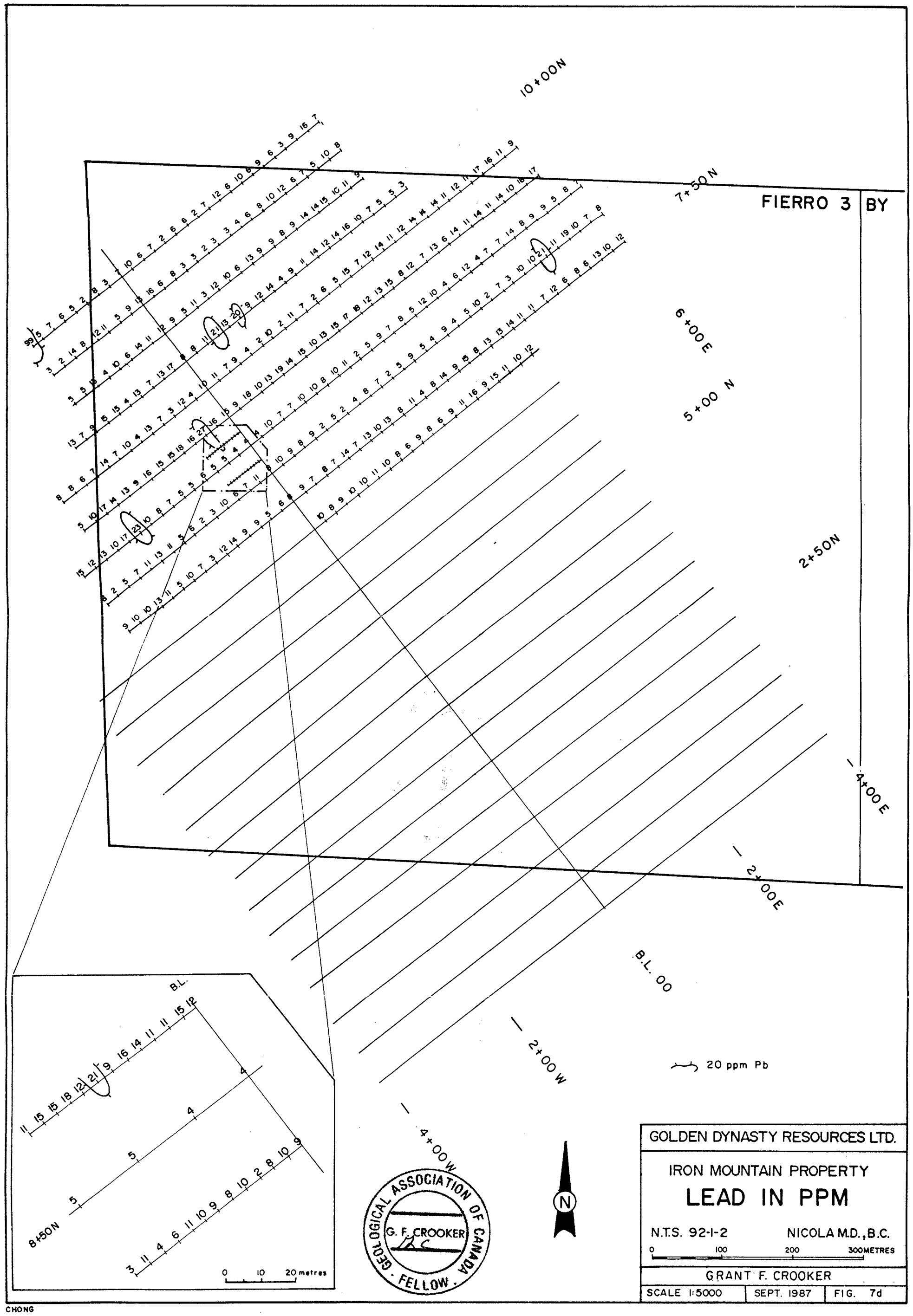
GRANT F. CROOKER

| SCALE 1:5000 | SEPT. 1987 | FIG. 7c |
|---|---|---|

CHONG

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,817


10+00N
7+50N
FIERRO 3 BY
6+00E
5+00 N
2+50N
4+00E
2+00E
B.L. 00
2+00 W
4+00 W
20 ppm Pb
B.L.
8+50N
0 10 20 metres
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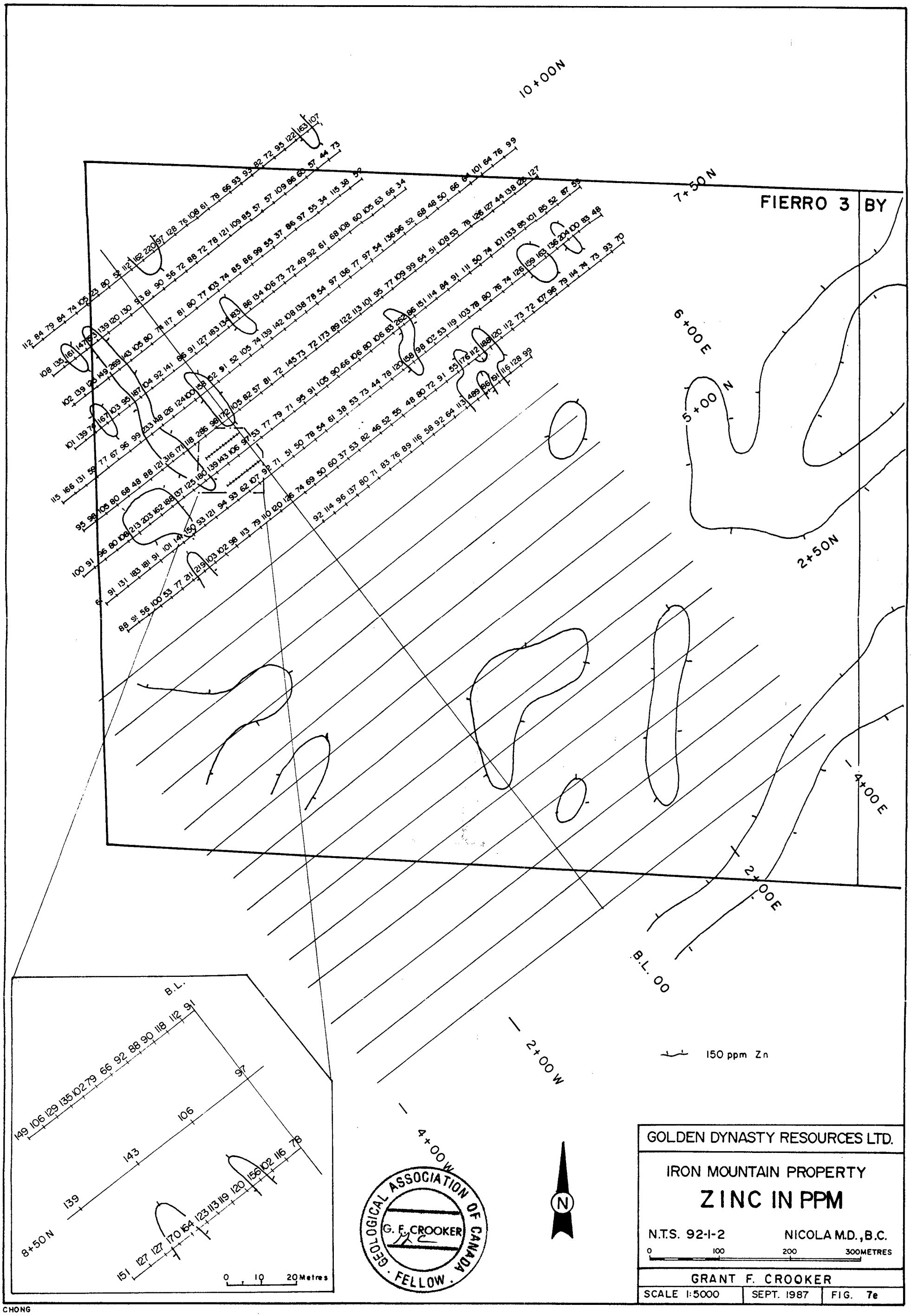
N
GOLDEN DYNASTY RESOURCES LTD.
IRON MOUNTAIN PROPERTY
LEAD IN PPM
N.T.S. 92-1-2
NICOLA M.D., B.C.
0 100 200 300METRES
GRANT F. CROOKER
SCALE 1:5000
SEPT. 1987
FIG. 7d

CHONG

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,817




GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY

# ZINC IN PPM

N.T.S. 92-I-2 NICOLA M.D., B.C.

0 100 200 300METRES

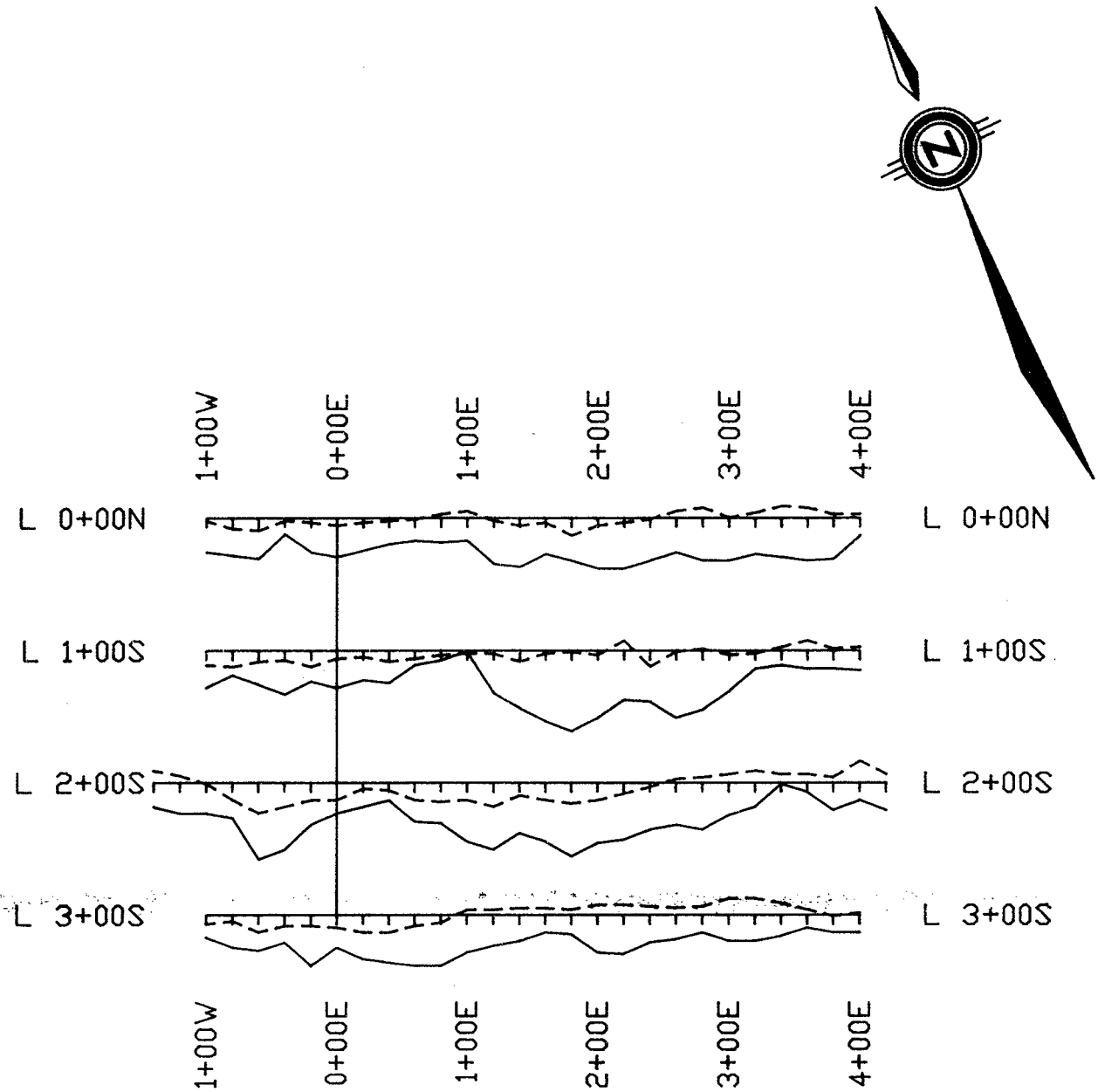
GRANT F. CROOKER

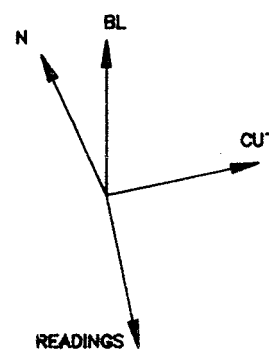
| SCALE 1:5000 | SEPT. 1987 | FIG. 7e |
|---|---|---|

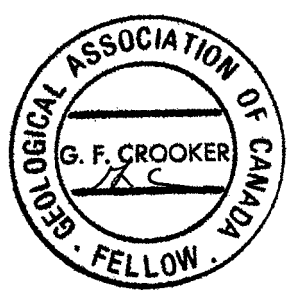
CHONG

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,817



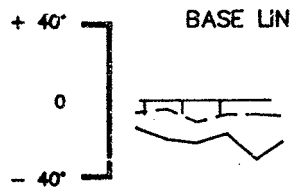




## LEGEND GRID #2

TRANSMITTING STATION: CUTTLER ME.
READINGS TAKEN FACING EAST

BASE LINE @ N25°E




SURVEY STATION

VLF-EM PROFILES,
IN PHASE (SOLID)
QUADRATURE (DASHED)

VERTICAL SCALE: 1 cm = 40°

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

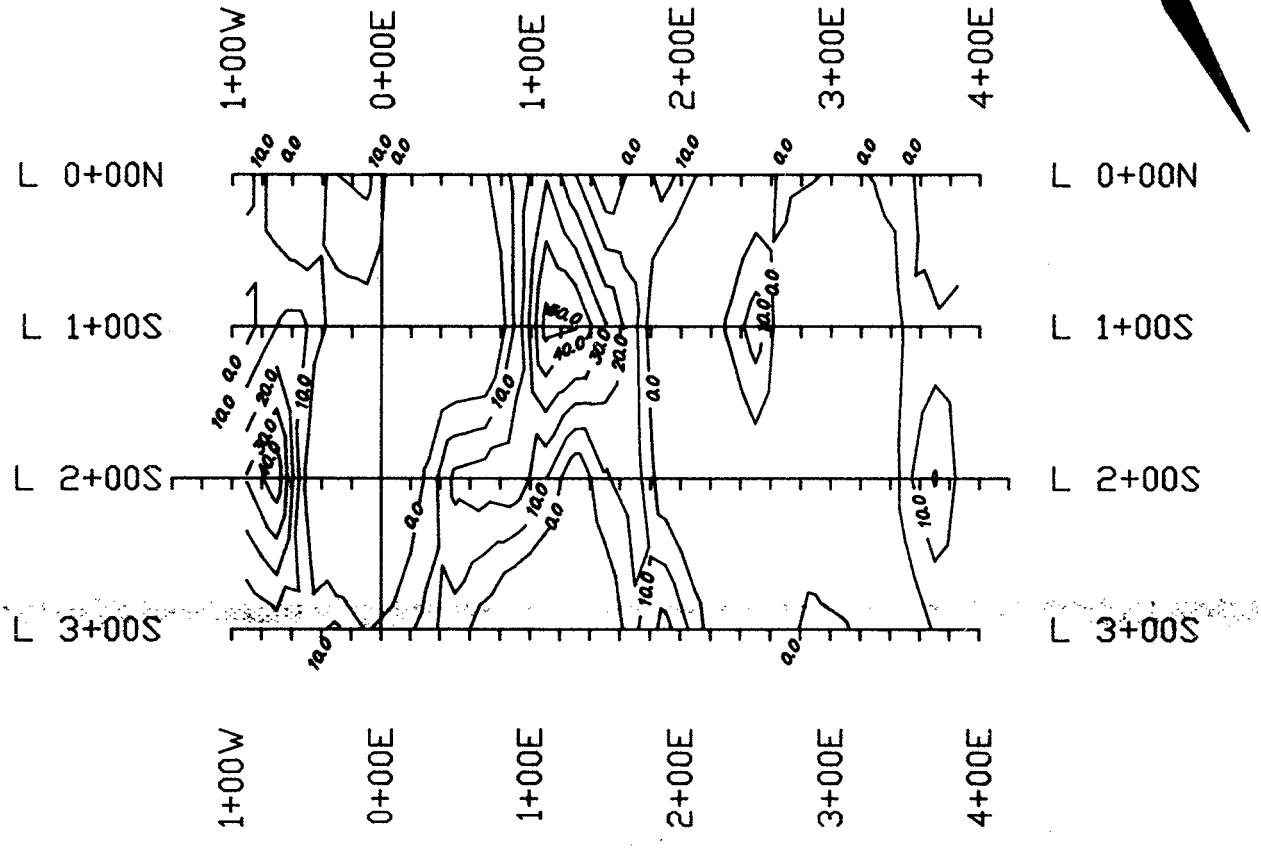
# VLF-EM SURVEY PROFILES STN.2

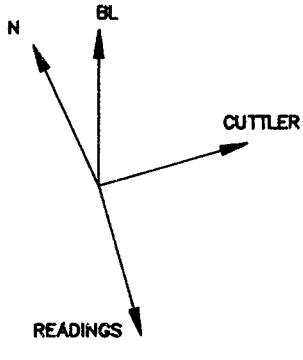
0 50 100 150 200 250
meters

DATE: SEPTEMBER 1987
BY: M.A.P.

FIGURE: 5a

Prepared By: POND CAD SERVICES

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LEGEND GRID #2

TRANSMITTING STATION: CUTTLER ME.
READINGS TAKEN FACING EAST

BASE LINE ● N25°E

FRASER FILTER CONTOURS
0 – 50
CONTOUR INTERVAL 10

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

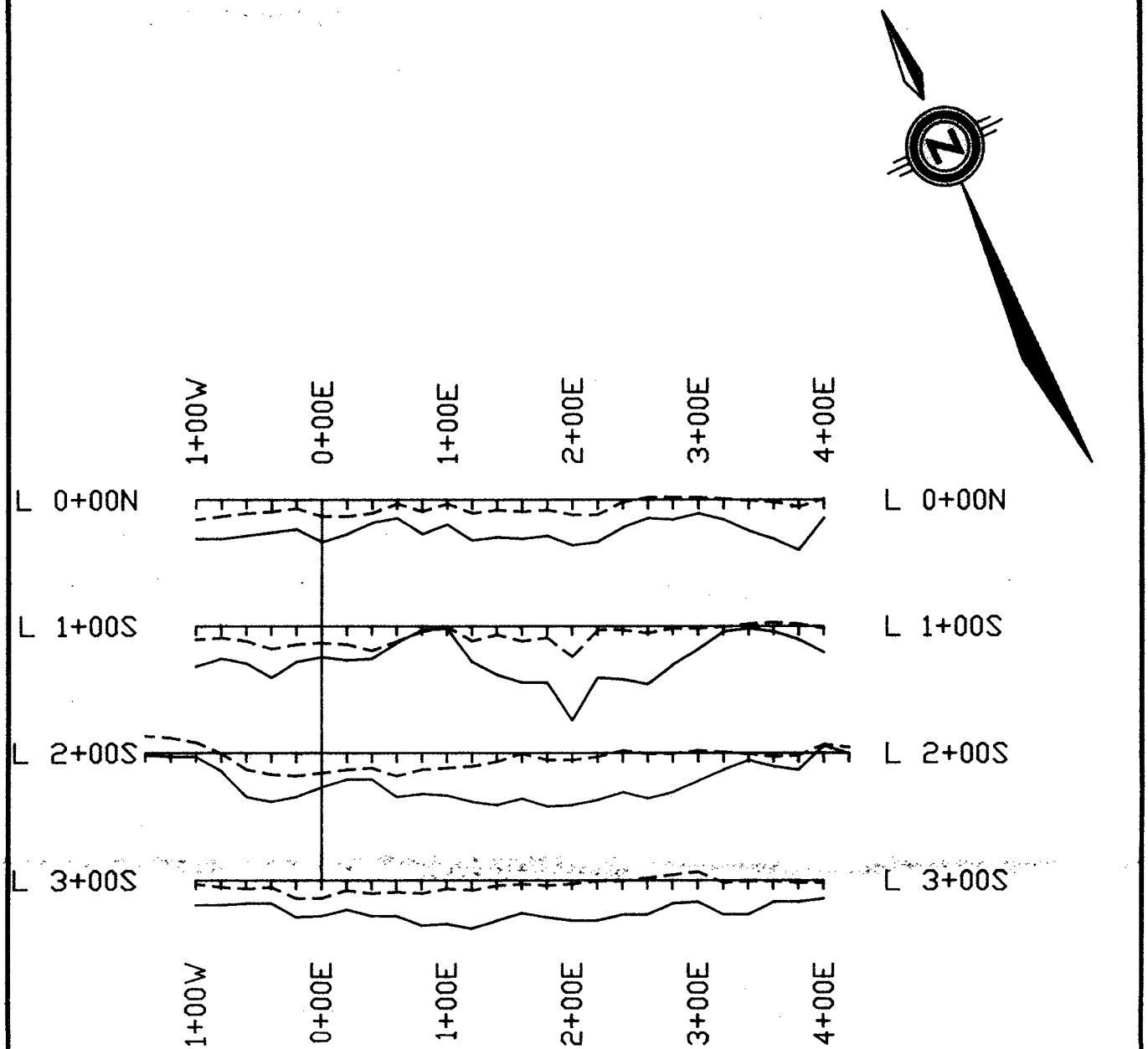
# VLF-EM SURVEY
## FRASER FILTER STN.2

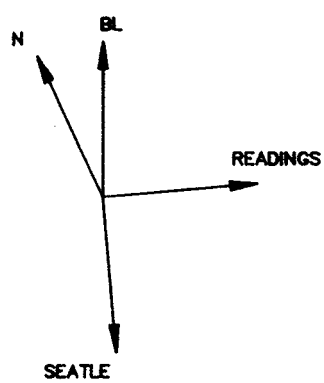
0 50 100 150 200 250
meters

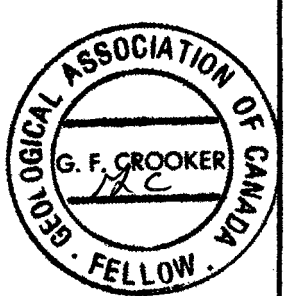
DATE: SEPTEMBER 1987
BY: M.A.P.

FIGURE: 5b

Prepared By: POND CAD SERVICES



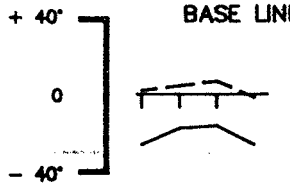




## LEGEND GRID #2

TRANSMITTING STATION: SEATTLE WA.
READINGS TAKEN FACING EAST

BASE LINE ● N25°E




SURVEY STATION

VLF-EM PROFILES,
IN PHASE (SOLID)
QUADRATURE (DASHED)

VERTICAL SCALE: 1 cm = 40°

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

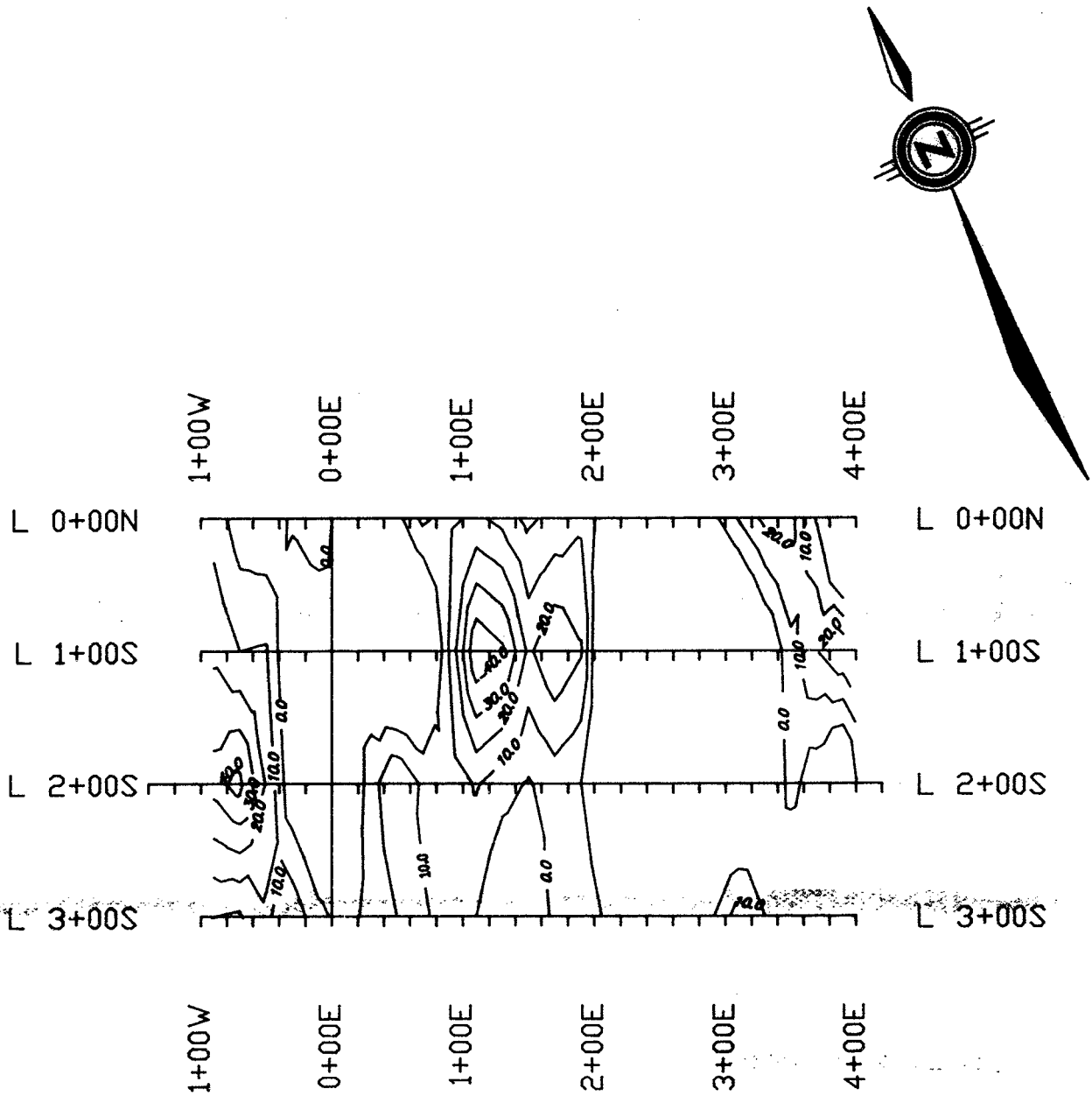
# VLF-EM SURVEY PROFILES STN.1

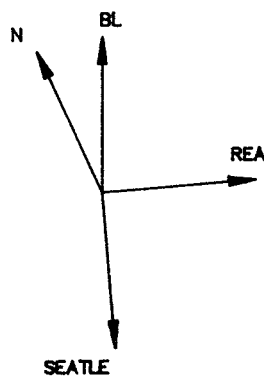
0 50 100 150 200 250
meters

DATE: SEPTEMBER 1987
BY: M.A.P.

FIGURE: 5c

Prepared By: *POND CAD SERVICES*




GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER
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## LEGEND GRID #2

TRANSMITTING STATION: SEATTLE WA.
READINGS TAKEN FACING EAST

BASE LINE ● N25°E

FRASER FILTER CONTOURS
0 – 40
CONTOUR INTERVAL 10

Report By: GRANT CROOKER, FGAC

GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY
NICOLA MINING DIVISION, B.C. NTS: 92I-2

# VLF-EM SURVEY
## FRASER FILTER STN.1

0 50 100 150 200 250
metres

DATE: SEPTEMBER 1987
BY: W.A.P.

FIGURE: 5d

Prepared By: POND CAD SERVICES

two strong anomalous zone paralleling the stratigraphy. Drilling is required to test for stratabound mineralization in the area of the Lucky Todd-Comstock with drill sites selected on the basis of an expanded VLF-EM coverage and previously established geological trends.

### Magnetic Results

Magnetic intensity was measured at 25 meter intervals in the grid #1 area with values ranging from 56766 to over 58,800 gammas. Values from the 1987 survey were plotted with a 250 meter contour interval while 1984 data was contoured at 400 gammas. Contours show a northerly trending zone of magnetic lows from lines 8N to 10N and a northeasterly trending zone of magnetic highs (>58,000 gammas) from line 8N to line 6N. The belt of strong magnetic response corresponds with the strongest positive Fraser Filter anomalies.

## GEOCHEMICAL SURVEY

Soil geochemical sampling conducted to complete coverage of the Fierro #3 claim. Three hundred and sixty soil samples were taken in the Grid #1 area and analyzed at Acme Analytical Laboratories Ltd. for 30 element ICP and for gold by Atomic Absorption. The results for gold, silver, copper, lead, and zinc are shown on Figures 7a to 7e respectively.

Eighteen rock geochemical samples were collected from the are of the Charmer Showing and analyzed by 30 element ICP and eleven for gold by Atomic Absorption and seven for gold by fire assay. The significant gold values are shown on Figure 6a to 6d.

### Results

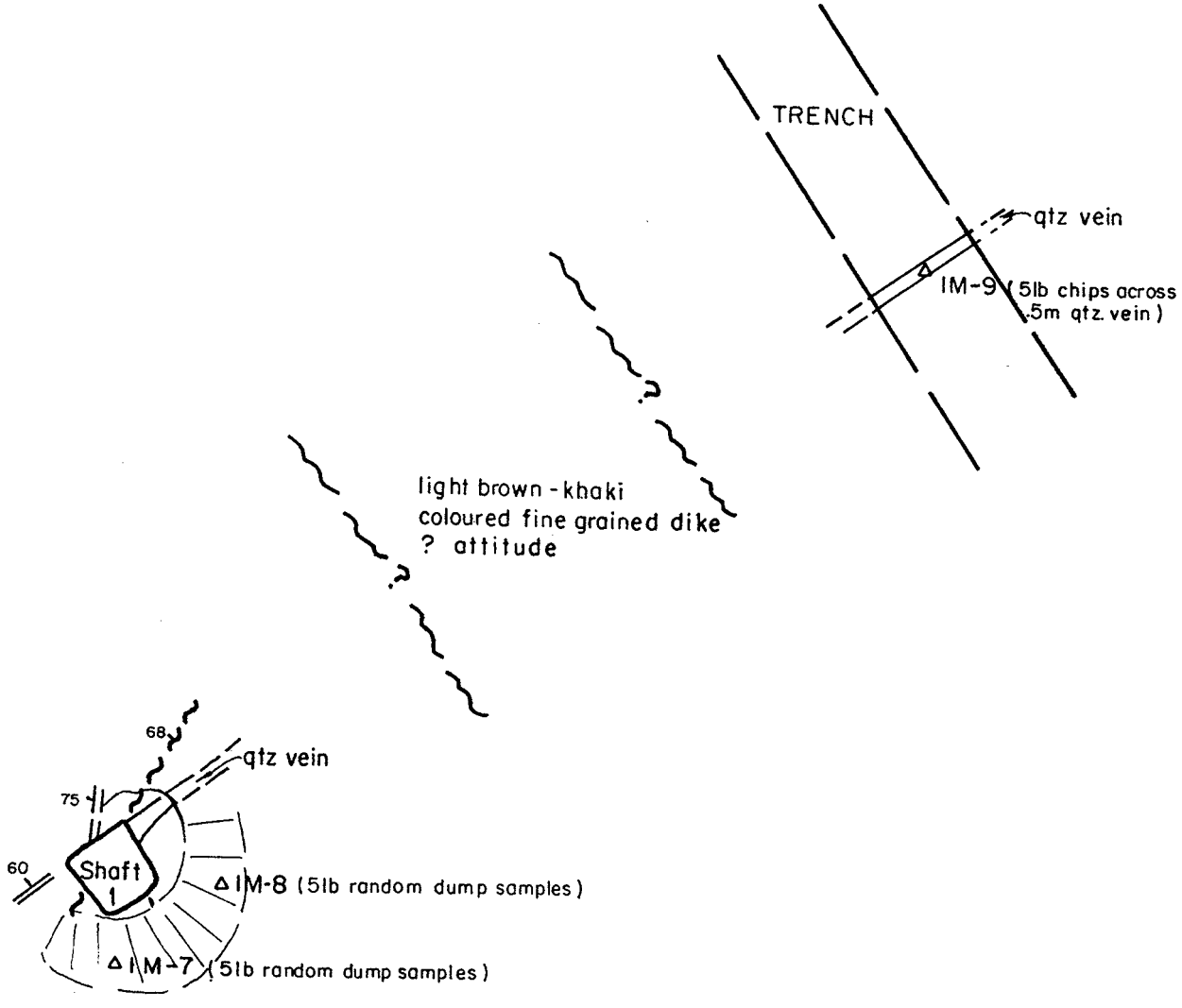
Gold values in soils range from 1 to 136 ppb with values of 10 and above considered of interest and values over 20 ppb considered anomalous. Values were contoured at 10 and 20 ppb levels with the strongest responses centered on a quartz-specularite-gold vein in shaft #3 at 0+25W on line 8+50N. The highest gold value from shaft #3 was one meter of 0.295 oz Au/ton for chip sample IM-22 and one meter chip sample IM-24, from near the 136 ppb gold in soil value, assayed 0.286 oz Au/ton.

Silver values in soils ranged from 0.1 ppm to 1.5 ppm with 6 values over 0.5 considered weakly anomalous. Since anomalous silver values occur as isolated samples, contouring was not attempted.

Copper values in soils ranged from 4 to 1097 ppm with 64 values above 60 ppm considered of interest and contoured at the 60 ppm and 100 ppm levels. The copper soil geochemistry indicates two anomalous northwest-southeast trends that are coincident with anomalous gold values.

Lead values ranged from 2 to 99 ppm with seven values of 20 ppm and above considered of interest and contoured.

Zinc values range from 34 to 489 ppm with 38 values of 150 ppm or greater considered anomalous and contoured. Anomalous zinc values are concentrated in the area of shaft #3.




All material sampled is quartz rich with malachite staining ±

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IRON MOUNTAIN PROPERTY

# SHAFT I AREA SAMPLE LOCATIONS

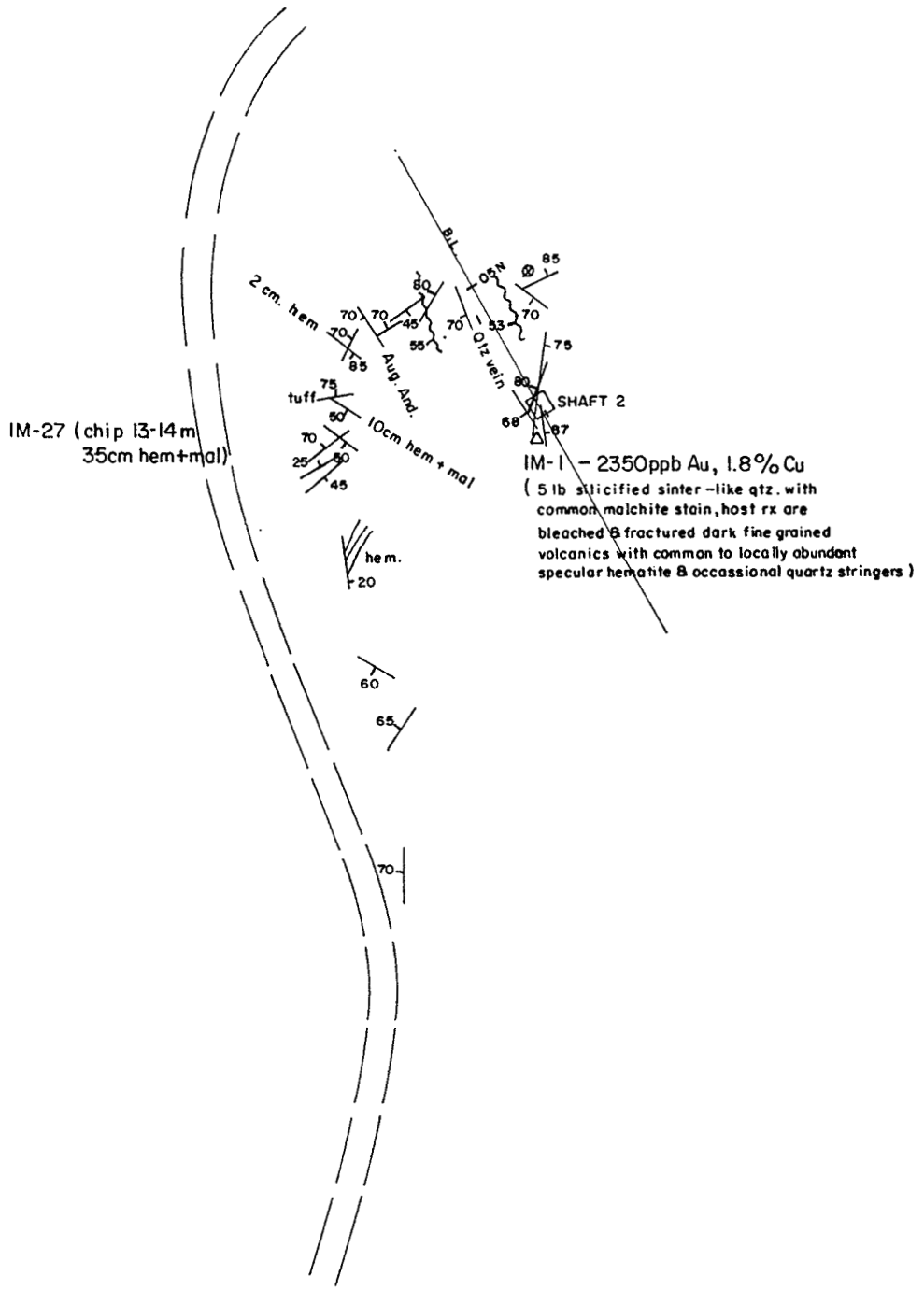
N.T.S. 92I-2 NICOLA M.D., B.C.

0 5 10 METRES

GRANT F. CROOKER

| SCALE 1:200 | OCT. 1987 | FIGURE 6a |
|---|---|---|

CHONG

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GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY

# SHAFT 2 AREA SAMPLE LOCATIONS

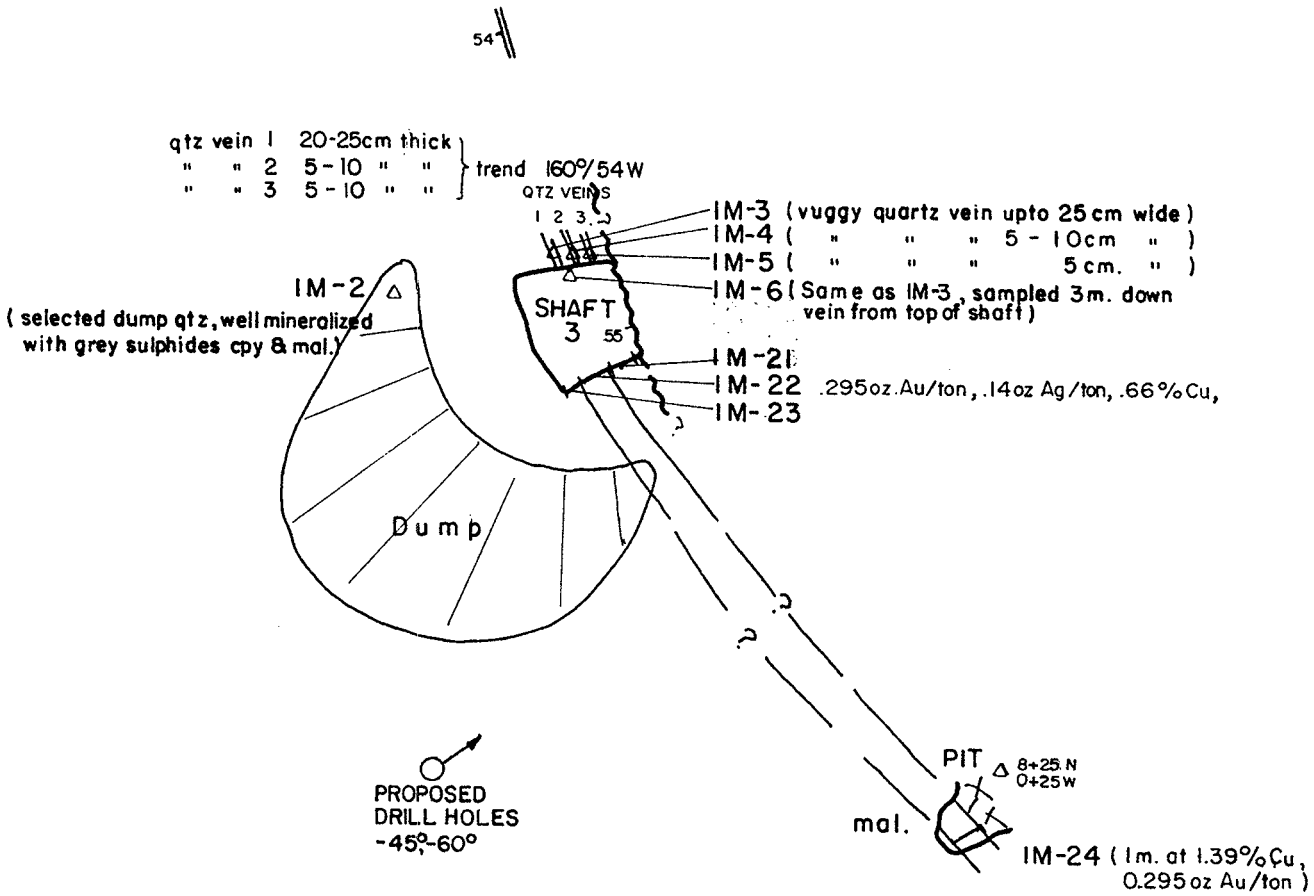
N.T.S. 92I-2 NICOLA M.D., B.C.

0 5 10 25 METRES

GRANT F. CROOKER

| SCALE 1:500 | OCT. 1987 | FIGURE 6b |
|---|---|---|

CHONG

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IRON MOUNTAIN PROPERTY

# SHAFT 3 AREA SAMPLE LOCATIONS

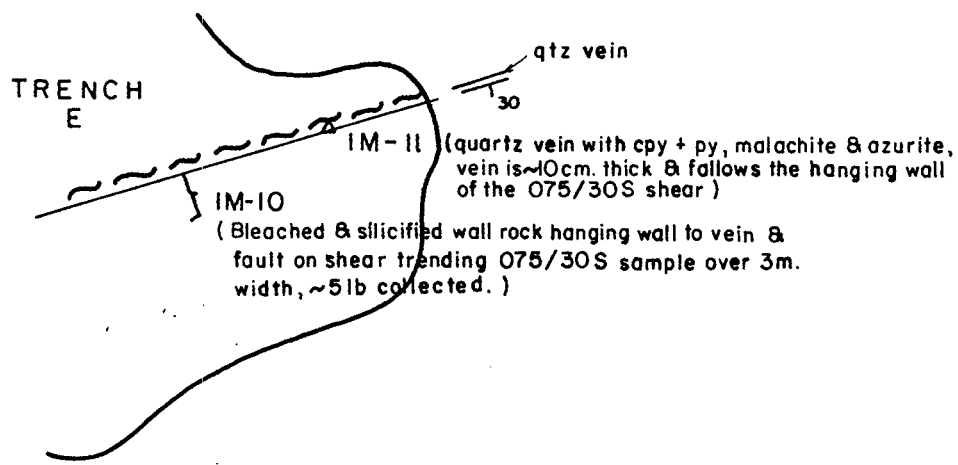
N.T.S. 92I-2 NICOLA M.D., B.C.

0 5 10 METRES

GRANT F. CROOKER

| SCALE 1:200 | OCT. 1987 | FIGURE 6c |
|---|---|---|

CHONG

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GOLDEN DYNASTY RESOURCES LTD.

IRON MOUNTAIN PROPERTY

# TRENCH E AREA SAMPLE LOCATIONS

N.T.S. 92I-2 NICOLA M.D., B.C.

0 5 10 METRES

GRANT F. CROOKER

| SCALE 1:200 | OCT. 1987 | FIGURE 6d |
|---|---|---|

CHONG

## DISCUSSION OF IRON MOUNTAIN PROPERTY

The Iron Mountain Property is an established mineral property with three documented mineral occurrences (B.C. Government Mineral Inventory 92I/SE-52 Lucky Todd-Comstock; 53 Charmer; 195 LD) with reported copper-iron-gold and silver-lead-zinc-copper-gold mineralization. Each of the know mineral zones has potential for vein type precious metals and volcanic hosted massive sulphide deposits.

Exploration during the 1987 field season concentrated on extending previous geochemical and geophysical coverage in the area of the Charmer Zone. The exploration program was successful in locating a meter wide zone at shaft #3 (Figure 6c) with two chip samples averaged 0.291 oz Au/ton over one meter. Trenching should be conducted along the strike of the vein with 200 meters of drilling assigned to testing depth extensions. Trench E (Figure 6 d) represents a second priority area in the Charmer Zone from which two samples averaged about 80.8 ppm silver over 3.1 meters. Trenching along strike of the vein zones is required before drilling is considered. Trenching should also be used to test east-west and northwest conductive zones are associated with old workings in the Charmer Zone (Figures 4a to 4e).

The Lucky Todd-Comstock was previously explored as a vein type lead zinc occurrence with a small tonnage of high grade lead mineralization shipped. The Lucky Todd-Comstock shaft dumps contain siliceous baritic material which might be on the fringe of a massive sulphide deposits. A small VLF-EM survey conducted along strike from the Lucky Todd-Comstock Shaft revealed strongly conductive zones along geological strike from the shaft (Figures 5a to 5e). Drilling should be conducted to evaluate the massive sulphide potential along dip and strike from the Lucky Todd-Comstock shaft.

The LD Showing was prospected and found to be overgrown since previous exploration. McMillan (1987 pers. comm.) reported rotated block of baritic massive sulphide and stringer veining that appear to have reflect down slope slumping. Gold values from 1 to 2960 ppb have been reported for baritic slump block and float in the LD area (Boronowski and Hendrickson, 1984). Grid soil sampling, VLF-EM and magnetic surveys should be conducted over the LD zone to define targets for future drilling and trenching.

## CONCLUSIONS AND RECOMMENDATIONS

The initial exploration program conducted by Golden Dynasty Resources Ltd. on the Iron Mountain Property has been successful in defining targets in the Charmer Zone and Lucky Todd-Comstock Zone that warrant initial drilling and trenching. Limited prospecting of the LD showing has confirmed the presence of massive sulfide-barite and stringer zone clasts in slump deposits with grid geochemical and geophysical surveys required to locate the source.

A success contingent, staged exploration program is recommended for the Iron Mountain Property with a Stage 1 geochemical, geophysical, trenching and 500 meter drilling program estimated to cost $100,000. Contingent on the success of the preceding stage, Stage 2 and Stage 3 drilling and trenching programs will be warranted.

## COST ESTIMATES

Stage 1. Geochemical, Geophysical, Trenching, Diamond Drilling.

| | |
|---|---|
| Mobilization/Demobalization | $ 2,000 |
| Personnel & Management | 15,000 |
| Trenching & Road Building | 5,000 |
| Transportation | 3,000 |
| Diamond Drilling 500 meters @ $80/meter all incl. | 40,000 |
| Geochemical Costs | 5,000 |
| Grid, Sampling, VLF-EM, Magnetic on LD | 10,000 |
| Reporting & Engineering | 5,000 |
| Contingency | 15,000 |
| Stage 1 Total | $ 100,000 |

Stage 2. Trenching & Diamond Drilling (Contingent).

| | |
|---|---|
| Mobilization/Demobalization | $ 2,000 |
| Personnel & Management | 20,000 |
| Trenching & Road Building | 5,000 |
| Transportation | 5,000 |
| Diamond Drilling 1000 meters @ $80/meter all incl. | 80,000 |
| Geochemical Costs | 5,000 |
| Reporting & Engineering | 8,000 |
| Contingency | 25,000 |
| Stage 2 Total | $ 150,000 |

Stage 3. Diamond Drilling (Contingent).

| | |
|---|---|
| Mobilization/Demobalization | $ 3,000 |
| Personnel & Management | 30,000 |
| Trenching & Road Building | 5,000 |
| Transportation | 5,000 |
| Diamond Drilling 1500 meters @ $80/meter all incl. | 120,000 |
| Geochemical Costs | 5,000 |
| Reporting & Engineering | 10,000 |
| Contingency | 22,000 |
| Stage 1 Total | $ 200,000 |

GEOLOGICAL ASSOCIATION OF CANADA G. F. CROOKER FELLOW

Grant F. Crooker, B.Sc, FGAC
December 1987

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## CERTIFICATE

I, Grant F. Crooker, with business address at Box 234 Keremeos, British Columbia VOX 1NO, do hereby certify that:

1) I am a consulting geological geologist and have maintained an independent practice since 1980.

2) I am a Fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.

3) I hold a B.Sc. (1972) with a major in Geology from the University of British Columbia.

4) I have been practising my profession as a Geologist for over 15 years.

5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Golden Dynasty Resources Ltd.

6) I have based this report on previous exploration experience in the area of the Iron Mountiain Property, a review of government and company reports listed in the bibliography, field examinations conducted by me on July 24, 30, and 31, 1987 and August 6, 7, and 14, 1987 and an exploration program conducted under my supervision between July 30 and August 18, 1987.

7) I consent to the use of this report by for any Filing Statement, Statement of Material Facts, or addessment work filed by Golden Dynasty Resources Ltd.

GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER
FELLOW

Grant F. Crooker, B.Sc., FGAC
December 1987

# GRANT F. CROOKER

GEOLOGICAL SERVICES (604) 499-2549

P.O. Box 234, Keremeos, B.C. V0X 1N0


December 4, 1987

Golden Dynasty Resources Ltd.
World Trade Centre
Suite 404-999 Canada Place
Vancouver, British Columbia V6C 3E2

Dear Sirs:

I, Grant F. Crooker, B.Sc., FGAC., hereby consent to the use of my assessment report dated December 4, 1987 on the Iron Mountain Property, Nicola Mining Division, British Columbia assessment purposes.

Dated at Vancouver, British Columbia, this 4th day of December 1987.

GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER
FELLOW

Grant F. Crooker, B.Sc., FGAC

# APPENDIX A

## CERTIFICATES OF ANALYSIS

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# 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 LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 11 1987 DATE REPORT MAILED: Aug 20/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

PETER CHRISTOPHER PROJECT-IRON MOUNTAIN File # 87-3165

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87-IM-1 | 3 | 18122 | 52 | 113 | 5.5 | 3 | 10 | 227 | 12.49 | 47 | 5 | 3 | 2 | 1 | 2 | 31 | 2 | 16 | .02 | .029 | 6 | 1 | .11 | 37 | .01 | 3 | .55 | .01 | .18 | 15 | 2350 |
| 87-IM-2 | 2 | 36961 | 13 | 69 | 13.4 | 8 | 17 | 62 | 6.88 | 17 | 5 | 3 | 1 | 1 | 3 | 4 | 3 | 15 | .02 | .026 | 2 | 3 | .05 | 93 | .01 | 2 | .09 | .01 | .03 | 1 | 7660 |
| 87-IM-3 | 1 | 8191 | 13 | 45 | 9.5 | 9 | 34 | 119 | 17.36 | 10 | 6 | 14 | 2 | 5 | 1 | 2 | 2 | 38 | .04 | .055 | 5 | 1 | .16 | 234 | .01 | 2 | .56 | .01 | .12 | 4 | 28300 |
| 87-IM-4 | 1 | 44301 | 13 | 94 | 3.9 | 5 | 16 | 135 | 6.47 | 11 | 5 | ND | 1 | 3 | 4 | 4 | 6 | 21 | .04 | .036 | 2 | 2 | .09 | 107 | .01 | 2 | .26 | .01 | .07 | 1 | 180 |
| 87-IM-5 | 1 | 39202 | 9 | 106 | 5.1 | 9 | 23 | 148 | 7.57 | 12 | 5 | ND | 1 | 3 | 3 | 4 | 2 | 22 | .08 | .043 | 3 | 1 | .19 | 134 | .01 | 43 | .66 | .02 | .12 | 1 | 485 |
| 87-IM-6 | 1 | 26968 | 13 | 87 | 7.7 | 4 | 14 | 277 | 10.68 | 11 | 5 | ND | 1 | 2 | 3 | 2 | 2 | 30 | .05 | .043 | 2 | 2 | .28 | 107 | .01 | 2 | 1.01 | .01 | .11 | 1 | 6920 |
| 87-IM-7 | 7 | 2054 | 9 | 31 | .1 | 3 | 7 | 343 | 6.61 | 5 | 5 | ND | 2 | 2 | 1 | 2 | 2 | 6 | .01 | .013 | 14 | 3 | .13 | 57 | .01 | 8 | .32 | .01 | .05 | 26 | 560 |
| 87-IM-8 | 6 | 2632 | 6 | 37 | .3 | 2 | 9 | 343 | 4.85 | 5 | 5 | ND | 2 | 1 | 1 | 2 | 2 | 6 | .01 | .017 | 11 | 5 | .18 | 31 | .01 | 2 | .35 | .01 | .04 | 19 | 640 |
| 87-IM-9 | 4 | 638 | 42 | 423 | .3 | 3 | 10 | 714 | 5.35 | 8 | 5 | 2 | 2 | 2 | 1 | 2 | 2 | 7 | .03 | .009 | 14 | 5 | .46 | 62 | .01 | 2 | .71 | .01 | .03 | 14 | 360 |
| 87-IM-10 | 7 | 725 | 420 | 331 | 72.1 | 2 | 3 | 687 | 2.66 | 103 | 5 | ND | 1 | 21 | 6 | 403 | 2 | 4 | .07 | .043 | 2 | 1 | .02 | 1674 | .01 | 8 | .29 | .01 | .20 | 1 | 19 |
| 87-IM-11 | 6 | 6915 | 1308 | 1181 | 341.8 | 3 | 3 | 440 | 1.24 | 592 | 5 | ND | 1 | 13 | 83 | 3753 | 2 | 2 | .05 | .019 | 2 | 2 | .01 | 244 | .01 | 27 | .15 | .01 | .10 | 2 | 5 |
| STD C/AU-R | 19 | 58 | 41 | 133 | 7.3 | 71 | 29 | 951 | 3.94 | 39 | 20 | 8 | 38 | 51 | 19 | 16 | 21 | 59 | .48 | .092 | 38 | 61 | .88 | 181 | .08 | 34 | 1.87 | .08 | .14 | 13 | 500 |

ASSAY REQUIRED FOR Cu > 10,000 ppm
Ag 735 ppm.

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 20 1987

DATE REPORT MAILED: Aug. 24/87...

# ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

ASSAYER: D. Toye.. DEAN TOYE, CERTIFIED B.C. ASSAYER

PETER CHRISTOPHER PROJECT-I.M. File # 87-3464

| SAMPLE# | CU % | PB % | ZN % | AG OZ/T | AU OZ/T |
|---|---|---|---|---|---|
| IM-87-08-14-21 | .19 | .01 | .01 | .02 | .002 |
| IM-87-08-14-22 | .66 | .01 | .01 | .14 | .295 |
| IM-87-08-14-23 | .23 | .01 | .02 | .01 | .001 |
| IM-87-08-14-24 | 1.39 | .01 | .01 | .23 | .286 |
| IM-87-08-14-25 | .44 | .01 | .01 | .06 | .002 |
| IM-87-08-14-26 | .66 | .01 | .01 | .04 | .001 |
| IM-87-08-14-27 | .25 | .01 | .01 | .01 | .004 |

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# 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 LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P-20 MESH, PULVERIZED

DATE RECEIVED: AUG 21 1987 DATE REPORT MAILED: Aug 27/87 ASSAYER. DEAN TOYE, CERTIFIED B.C. ASSAYER

GOLDEN DYNASTY RESOURCES LTD. File # 87-3482 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11+50N 1+60W | 1 | 37 | 99 | 112 | 1.0 | 7 | 5 | 1200 | 1.78 | 15 | 5 | ND | 1 | 170 | 1 | 2 | 2 | 42 | 3.74 | .051 | 5 | 16 | .35 | 161 | .10 | 2 | 1.21 | .02 | .09 | 1 | 4 |
| 11+50N 1+40W | 1 | 58 | 5 | 84 | .1 | 14 | 9 | 975 | 2.86 | 7 | 5 | ND | 2 | 42 | 1 | 2 | 2 | 72 | .56 | .056 | 6 | 28 | .43 | 140 | .18 | 2 | 2.00 | .02 | .09 | 1 | 3 |
| 11+50N 1+20W | 1 | 14 | 7 | 79 | .2 | 11 | 6 | 927 | 2.04 | 4 | 5 | ND | 2 | 42 | 1 | 2 | 2 | 50 | .54 | .055 | 5 | 20 | .27 | 160 | .14 | 2 | 1.40 | .02 | .06 | 1 | 2 |
| 11+50N 1+00W | 1 | 13 | 6 | 84 | .1 | 9 | 6 | 1105 | 2.06 | 2 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 51 | .49 | .060 | 4 | 17 | .21 | 122 | .13 | 2 | 1.21 | .02 | .05 | 1 | 5 |
| 11+50N 0+80W | 1 | 83 | 5 | 74 | .2 | 9 | 6 | 1122 | 2.14 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 50 | .43 | .031 | 8 | 21 | .29 | 171 | .12 | 2 | 1.63 | .02 | .05 | 1 | 3 |
| 11+50N 0+60W | 2 | 21 | 2 | 105 | .1 | 10 | 7 | 2102 | 2.11 | 8 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 46 | .37 | .117 | 4 | 17 | .26 | 226 | .09 | 2 | 1.57 | .02 | .07 | 1 | 5 |
| 11+50N 0+40W | 1 | 60 | 8 | 123 | .1 | 17 | 10 | 1586 | 3.24 | 10 | 5 | ND | 2 | 28 | 1 | 4 | 2 | 75 | .38 | .070 | 6 | 31 | .42 | 148 | .17 | 2 | 3.19 | .02 | .07 | 1 | 1 |
| 11+50N 0+20W | 1 | 33 | 3 | 80 | .1 | 11 | 9 | 1224 | 2.72 | 8 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 70 | .46 | .027 | 5 | 26 | .38 | 151 | .18 | 2 | 2.00 | .02 | .08 | 1 | 1 |
| 11+50N BL | 1 | 36 | 7 | 52 | .1 | 12 | 10 | 627 | 2.85 | 6 | 5 | ND | 2 | 41 | 1 | 2 | 2 | 77 | .51 | .021 | 5 | 26 | .41 | 115 | .19 | 4 | 1.80 | .02 | .07 | 1 | 3 |
| 11+50N 0+20E | 1 | 44 | 10 | 112 | .1 | 15 | 9 | 1309 | 2.77 | 5 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 60 | .35 | .043 | 5 | 22 | .42 | 203 | .15 | 3 | 2.88 | .02 | .06 | 1 | 2 |
| 11+50N 0+40E | 2 | 32 | 6 | 162 | .1 | 12 | 9 | 1945 | 2.80 | 10 | 5 | ND | 1 | 31 | 1 | 3 | 2 | 64 | .41 | .062 | 5 | 24 | .45 | 241 | .16 | 4 | 2.60 | .02 | .05 | 1 | 1 |
| 11+50N 0+60E | 2 | 39 | 7 | 220 | .2 | 17 | 9 | 2977 | 2.97 | 10 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 65 | .40 | .122 | 6 | 28 | .43 | 270 | .16 | 2 | 2.93 | .02 | .06 | 1 | 2 |
| 11+50N 0+80E | 1 | 14 | 2 | 97 | .1 | 8 | 7 | 1059 | 2.25 | 5 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 54 | .36 | .105 | 4 | 19 | .27 | 174 | .12 | 2 | 1.58 | .02 | .05 | 1 | 2 |
| 11+50N 1+00E | 1 | 31 | 6 | 128 | .1 | 14 | 9 | 1109 | 2.83 | 9 | 5 | ND | 1 | 27 | 1 | 3 | 2 | 66 | .33 | .070 | 5 | 27 | .41 | 148 | .16 | 7 | 2.53 | .02 | .06 | 1 | 5 |
| 11+50N 1+20E | 1 | 14 | 6 | 76 | .1 | 13 | 7 | 513 | 2.15 | 6 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 52 | .35 | .094 | 4 | 20 | .27 | 117 | .13 | 2 | 1.58 | .02 | .04 | 1 | 1 |
| 11+50N 1+40E | 1 | 23 | 2 | 108 | .1 | 16 | 8 | 482 | 2.43 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 52 | .30 | .145 | 4 | 21 | .32 | 118 | .13 | 2 | 2.22 | .02 | .05 | 1 | 1 |
| 11+50N 1+60E | 1 | 35 | 7 | 61 | .1 | 11 | 10 | 427 | 3.22 | 7 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 81 | .50 | .059 | 6 | 28 | .56 | 109 | .17 | 2 | 1.76 | .02 | .05 | 1 | 3 |
| 11+50N 1+80E | 1 | 32 | 12 | 78 | .1 | 14 | 10 | 636 | 3.29 | 10 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 72 | .41 | .071 | 6 | 25 | .53 | 121 | .15 | 2 | 1.97 | .02 | .05 | 1 | 1 |
| 11+50N 2+00E | 1 | 25 | 6 | 66 | .1 | 15 | 8 | 402 | 2.72 | 6 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 67 | .42 | .114 | 5 | 27 | .37 | 111 | .15 | 2 | 1.93 | .02 | .05 | 1 | 1 |
| 11+50N 2+20E | 1 | 21 | 10 | 93 | .1 | 8 | 9 | 697 | 2.99 | 6 | 5 | ND | 1 | 31 | 1 | 2 | 3 | 67 | .46 | .113 | 5 | 22 | .44 | 137 | .13 | 2 | 1.52 | .02 | .07 | 1 | 1 |
| 11+50N 2+40E | 1 | 103 | 6 | 93 | .3 | 16 | 18 | 1155 | 5.36 | 8 | 5 | ND | 3 | 41 | 1 | 2 | 2 | 102 | .70 | .056 | 10 | 34 | 1.28 | 149 | .16 | 2 | 2.42 | .02 | .16 | 1 | 2 |
| 11+50N 2+60E | 1 | 76 | 9 | 82 | .2 | 14 | 11 | 728 | 3.57 | 8 | 5 | ND | 2 | 50 | 1 | 2 | 2 | 82 | .78 | .053 | 10 | 31 | .69 | 146 | .16 | 4 | 1.92 | .02 | .14 | 1 | 1 |
| 11+50N 2+80E | 1 | 24 | 6 | 72 | .1 | 9 | 7 | 655 | 2.35 | 9 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 54 | .36 | .052 | 4 | 21 | .32 | 152 | .14 | 2 | 1.60 | .02 | .08 | 1 | 3 |
| 11+50N 3+00E | 1 | 20 | 3 | 95 | .1 | 12 | 7 | 740 | 2.35 | 7 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 56 | .41 | .075 | 5 | 21 | .31 | 170 | .14 | 2 | 1.88 | .02 | .09 | 1 | 1 |
| 11+50N 3+20E | 2 | 45 | 9 | 122 | .2 | 10 | 13 | 1425 | 3.49 | 7 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 69 | .83 | .060 | 5 | 20 | .70 | 209 | .13 | 2 | 1.65 | .02 | .14 | 1 | 1 |
| 11+50N 3+40E | 2 | 35 | 16 | 163 | .2 | 10 | 10 | 2849 | 3.12 | 9 | 5 | ND | 3 | 36 | 1 | 4 | 2 | 59 | .85 | .139 | 8 | 17 | .55 | 307 | .12 | 6 | 2.15 | .03 | .13 | 1 | 2 |
| 11+50N 3+60E | 1 | 61 | 7 | 107 | .1 | 11 | 10 | 1867 | 3.12 | 4 | 5 | ND | 1 | 48 | 1 | 2 | 2 | 65 | .86 | .085 | 7 | 23 | .47 | 274 | .14 | 2 | 1.50 | .02 | .18 | 1 | 2 |
| 11+00N 1+60W | 1 | 26 | 3 | 108 | .1 | 14 | 8 | 1142 | 2.35 | 6 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 58 | .47 | .057 | 5 | 23 | .35 | 175 | .13 | 2 | 1.69 | .02 | .06 | 1 | 1 |
| 11+00N 1+40W | 1 | 23 | 2 | 135 | .1 | 10 | 7 | 737 | 2.51 | 5 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 50 | .39 | .029 | 5 | 18 | .24 | 213 | .12 | 2 | 1.67 | .03 | .12 | 1 | 1 |
| 11+00N 1+20W | 1 | 14 | 14 | 161 | .1 | 10 | 7 | 986 | 2.65 | 7 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 61 | .52 | .025 | 5 | 21 | .33 | 229 | .14 | 4 | 1.86 | .02 | .12 | 1 | 2 |
| 11+00N 1+00W | 2 | 22 | 8 | 147 | .1 | 14 | 9 | 2046 | 2.88 | 7 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 65 | .46 | .077 | 5 | 22 | .39 | 211 | .13 | 2 | 2.37 | .02 | .07 | 1 | 2 |
| 11+00N 0+80W | 1 | 22 | 12 | 153 | .1 | 13 | 8 | 1703 | 2.50 | 14 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 61 | .46 | .077 | 4 | 23 | .39 | 254 | .14 | 5 | 2.11 | .02 | .08 | 1 | 1 |
| 11+00N 0+60W | 1 | 59 | 11 | 139 | .1 | 14 | 9 | 1866 | 2.77 | 10 | 5 | ND | 2 | 24 | 1 | 4 | 2 | 64 | .31 | .091 | 4 | 23 | .33 | 207 | .15 | 2 | 2.56 | .02 | .06 | 1 | 1 |
| 11+00N 0+40W | 1 | 64 | 5 | 120 | .1 | 7 | 6 | 1208 | 1.72 | 6 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 37 | .29 | .102 | 4 | 13 | .17 | 273 | .10 | 4 | 1.35 | .03 | .07 | 1 | 4 |
| 11+00N 0+20W | 1 | 69 | 9 | 130 | .1 | 15 | 9 | 1631 | 2.73 | 10 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 59 | .31 | .061 | 5 | 20 | .37 | 275 | .14 | 2 | 3.02 | .02 | .07 | 1 | 2 |
| 11+00N 0+00W | 1 | 39 | 13 | 93 | .1 | 15 | 9 | 1232 | 2.73 | 6 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 67 | .39 | .029 | 6 | 25 | .37 | 182 | .18 | 4 | 2.47 | .02 | .07 | 1 | 1 |
| STD C/AU-S | 19 | 59 | 38 | 133 | 7.4 | 70 | 29 | 1060 | 3.85 | 39 | 17 | 8 | 40 | 52 | 19 | 17 | 21 | 58 | .45 | .032 | 39 | 61 | .85 | 180 | .09 | 37 | 1.90 | .06 | .14 | 13 | 53 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11N 0+20E | 1 | 22 | 16 | 61 | .1 | 15 | 7 | 572 | 2.72 | 5 | 5 | ND | 3 | 35 | 1 | 2 | 2 | 67 | .49 | .040 | 5 | 23 | .39 | 137 | .16 | 2 | 1.95 | .02 | .05 | 1 | 1 |
| 11N 0+40E | 1 | 24 | 6 | 90 | .1 | 15 | 10 | 1608 | 3.23 | 5 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 77 | .51 | .078 | 5 | 24 | .50 | 150 | .13 | 2 | 1.83 | .02 | .05 | 1 | 1 |
| 11N 0+60E | 1 | 16 | 8 | 56 | .1 | 9 | 5 | 429 | 2.26 | 7 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 55 | .46 | .016 | 4 | 19 | .30 | 136 | .13 | 2 | 1.48 | .02 | .03 | 1 | 1 |
| 11N 0+80E | 1 | 25 | 3 | 72 | .1 | 11 | 8 | 1096 | 3.04 | 8 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 70 | .39 | .034 | 4 | 25 | .47 | 124 | .14 | 2 | 1.89 | .02 | .04 | 1 | 2 |
| 11N 1+00E | 1 | 22 | 3 | 88 | .1 | 14 | 7 | 682 | 2.76 | 8 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 60 | .36 | .074 | 4 | 22 | .38 | 123 | .14 | 2 | 2.31 | .02 | .04 | 1 | 1 |
| 11N 1+20E | 1 | 10 | 2 | 72 | .1 | 10 | 7 | 646 | 2.25 | 7 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 52 | .31 | .089 | 3 | 19 | .26 | 82 | .11 | 2 | 1.42 | .02 | .04 | 1 | 1 |
| 11N 1+40E | 1 | 24 | 3 | 78 | .2 | 15 | 8 | 588 | 2.76 | 7 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 64 | .50 | .093 | 5 | 23 | .43 | 116 | .14 | 2 | 1.87 | .02 | .06 | 1 | 1 |
| 11N 1+60E | 1 | 23 | 3 | 121 | .3 | 13 | 8 | 1025 | 2.63 | 8 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 57 | .37 | .119 | 4 | 19 | .35 | 121 | .12 | 2 | 2.06 | .02 | .04 | 1 | 2 |
| 11N 1+80E | 1 | 30 | 4 | 109 | .4 | 15 | 8 | 716 | 2.69 | 5 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 57 | .37 | .141 | 6 | 22 | .40 | 149 | .12 | 2 | 1.99 | .02 | .06 | 1 | 1 |
| 11N 2+00E | 1 | 54 | 6 | 85 | .5 | 18 | 9 | 384 | 3.05 | 7 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 68 | .51 | .060 | 8 | 28 | .50 | 124 | .15 | 3 | 2.03 | .03 | .07 | 1 | 1 |
| 11N 2+20E | 1 | 21 | 8 | 57 | .2 | 14 | 7 | 422 | 2.77 | 6 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 65 | .48 | .069 | 4 | 24 | .37 | 113 | .14 | 2 | 1.55 | .02 | .07 | 1 | 2 |
| 11N 2+40E | 1 | 21 | 10 | 57 | .1 | 13 | 8 | 510 | 2.77 | 9 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 63 | .43 | .100 | 4 | 23 | .39 | 116 | .13 | 2 | 1.69 | .02 | .04 | 1 | 1 |
| 11N 2+60E P | 1 | 183 | 12 | 109 | 1.4 | 27 | 8 | 1086 | 2.63 | 6 | 5 | ND | 1 | 164 | 1 | 2 | 2 | 47 | 2.68 | .094 | 102 | 23 | .77 | 394 | .04 | 7 | 2.49 | .02 | .10 | 3 | 1 |
| 11N 2+80E P | 1 | 78 | 6 | 86 | .3 | 15 | 15 | 1219 | 5.22 | 7 | 5 | ND | 2 | 42 | 1 | 2 | 3 | 79 | .76 | .067 | 16 | 30 | 1.44 | 154 | .10 | 2 | 2.78 | .03 | .11 | 1 | 2 |
| 11N 3+00E | 1 | 29 | 7 | 60 | .1 | 11 | 6 | 627 | 2.44 | 7 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 57 | .48 | .051 | 6 | 21 | .41 | 99 | .14 | 3 | 1.27 | .02 | .10 | 1 | 1 |
| 11N 3+20E | 1 | 26 | 5 | 57 | .2 | 10 | 7 | 404 | 2.61 | 8 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 62 | .47 | .030 | 5 | 23 | .45 | 79 | .15 | 2 | 1.49 | .02 | .07 | 1 | 2 |
| 11N 3+40E | 1 | 18 | 10 | 44 | .1 | 9 | 6 | 379 | 2.32 | 8 | 5 | ND | 1 | 35 | 1 | 3 | 2 | 56 | .47 | .026 | 4 | 19 | .35 | 88 | .15 | 2 | 1.29 | .02 | .06 | 1 | 1 |
| 11N 3+60E | 1 | 25 | 8 | 73 | .1 | 10 | 7 | 810 | 2.64 | 5 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 64 | .44 | .027 | 4 | 24 | .39 | 102 | .15 | 2 | 1.64 | .01 | .07 | 1 | 2 |
| 10+50N 1+60W | 1 | 139 | 5 | 102 | .1 | 22 | 12 | 2033 | 3.52 | 10 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 71 | .47 | .055 | 5 | 29 | .51 | 266 | .15 | 2 | 2.99 | .02 | .10 | 1 | 1 |
| 10+50N 1+40W | 2 | 63 | 5 | 139 | .1 | 20 | 11 | 3875 | 3.64 | 11 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 64 | .38 | .085 | 10 | 27 | .46 | 353 | .14 | 2 | 4.28 | .02 | .08 | 1 | 3 |
| 10+50N 1+20W P | 1 | 144 | 13 | 125 | .1 | 8 | 15 | 2033 | 6.59 | 5 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 55 | .43 | .077 | 6 | 13 | .32 | 266 | .04 | 3 | 1.19 | .01 | .13 | 1 | 1 |
| 10+50N 1+00W | 2 | 68 | 4 | 149 | .2 | 22 | 9 | 2646 | 2.88 | 8 | 5 | ND | 1 | 36 | 1 | 2 | 3 | 51 | .42 | .112 | 10 | 26 | .46 | 255 | .11 | 3 | 3.32 | .02 | .08 | 1 | 2 |
| 10+50N 0+80W P | 3 | 26 | 10 | 269 | .1 | 9 | 11 | 9416 | 4.59 | 8 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 42 | .58 | .183 | 7 | 19 | .72 | 644 | .05 | 2 | 2.59 | .02 | .16 | 1 | 1 |
| STD C/AU-S | 18 | 58 | 41 | 125 | 7.5 | 67 | 27 | 1062 | 3.87 | 41 | 19 | 8 | 38 | 47 | 17 | 18 | 22 | 55 | .47 | .087 | 36 | 60 | .84 | 169 | .08 | 38 | 1.85 | .06 | .13 | 14 | 53 |
| 10+50N 0+60W | 1 | 17 | 6 | 143 | .1 | 8 | 5 | 3482 | 1.96 | 7 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 33 | .32 | .101 | 5 | 10 | .19 | 299 | .08 | 2 | 1.80 | .03 | .05 | 1 | 1 |
| 10+50N 0+40W | 1 | 22 | 14 | 105 | .2 | 13 | 5 | 1061 | 2.04 | 5 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 45 | .41 | .094 | 4 | 17 | .26 | 208 | .11 | 2 | 1.38 | .02 | .05 | 1 | 1 |
| 10+50N 0+20W | 1 | 40 | 11 | 80 | .1 | 10 | 7 | 701 | 2.49 | 6 | 5 | ND | 3 | 31 | 1 | 2 | 2 | 55 | .42 | .088 | 4 | 19 | .37 | 127 | .13 | 2 | 1.64 | .02 | .05 | 1 | 1 |
| 10+50N BL | 1 | 111 | 12 | 74 | .2 | 16 | 9 | 599 | 3.34 | 12 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 63 | .36 | .057 | 5 | 27 | .49 | 181 | .13 | 2 | 3.14 | .02 | .06 | 1 | 9 |
| 10+50N 0+20E | 2 | 118 | 9 | 117 | .1 | 17 | 10 | 4034 | 3.65 | 15 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 63 | .38 | .090 | 7 | 25 | .43 | 250 | .13 | 2 | 3.43 | .02 | .08 | 2 | 1 |
| 10+50N 0+40E | 1 | 21 | 5 | 81 | .1 | 15 | 7 | 1370 | 2.41 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 52 | .30 | .066 | 4 | 20 | .33 | 152 | .13 | 2 | 2.32 | .02 | .04 | 1 | 1 |
| 10+50N 0+60E | 1 | 8 | 11 | 80 | .1 | 10 | 5 | 1225 | 1.84 | 4 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 39 | .18 | .117 | 3 | 13 | .21 | 95 | .11 | 4 | 1.46 | .03 | .03 | 1 | 2 |
| 10+50N 0+80E | 1 | 17 | 3 | 77 | .1 | 6 | 5 | 1620 | 1.74 | 4 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 36 | .38 | .055 | 4 | 14 | .21 | 180 | .09 | 2 | 1.24 | .02 | .05 | 1 | 1 |
| 10+50N 1+00E | 1 | 25 | 12 | 103 | .1 | 12 | 8 | 807 | 2.89 | 5 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 61 | .33 | .098 | 4 | 21 | .37 | 141 | .13 | 4 | 2.15 | .02 | .05 | 1 | 1 |
| 10+50N 1+20E | 1 | 41 | 10 | 74 | .1 | 17 | 11 | 795 | 3.29 | 8 | 5 | ND | 2 | 37 | 1 | 3 | 2 | 73 | .46 | .084 | 6 | 29 | .52 | 181 | .15 | 7 | 2.44 | .02 | .09 | 1 | 2 |
| 10+50N 1+40E | 1 | 26 | 6 | 85 | .2 | 12 | 8 | 253 | 2.70 | 5 | 5 | ND | 3 | 23 | 1 | 2 | 2 | 55 | .31 | .135 | 4 | 21 | .40 | 111 | .11 | 5 | 2.03 | .02 | .06 | 1 | 2 |
| 10+50N 1+60E | 1 | 32 | 13 | 86 | .3 | 12 | 6 | 492 | 2.46 | 7 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 53 | .57 | .030 | 6 | 22 | .39 | 118 | .12 | 7 | 1.80 | .03 | .06 | 1 | 1 |
| 10+50N 1+80E | 1 | 37 | 9 | 99 | .3 | 14 | 7 | 522 | 2.56 | 8 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 55 | .49 | .078 | 7 | 22 | .43 | 156 | .12 | 3 | 1.88 | .02 | .06 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10+50N 2+00E | 1 | 15 | 9 | 55 | .2 | 12 | 7 | 993 | 2.32 | 2 | 5 | ND | 4 | 40 | 1 | 2 | 2 | 57 | .59 | .052 | 4 | 19 | .34 | 127 | .13 | 5 | 1.14 | .02 | .11 | 1 | 1 |
| 10+50N 2+20E | 1 | 14 | 8 | 37 | .1 | 10 | 7 | 291 | 2.53 | 4 | 5 | ND | 3 | 46 | 1 | 2 | 2 | 67 | .62 | .033 | 5 | 22 | .36 | 110 | .18 | 2 | 1.37 | .02 | .08 | 1 | 2 |
| 10+50N 2+40E | 1 | 25 | 9 | 86 | .3 | 17 | 9 | 540 | 2.72 | 3 | 5 | ND | 4 | 33 | 1 | 2 | 2 | 67 | .46 | .097 | 5 | 22 | .40 | 120 | .15 | 2 | 1.76 | .03 | .06 | 1 | 2 |
| 10+50N 2+60E | 1 | 66 | 14 | 97 | .1 | 19 | 12 | 1459 | 3.29 | 7 | 5 | ND | 3 | 51 | 1 | 2 | 2 | 66 | .72 | .130 | 18 | 26 | .60 | 227 | .12 | 2 | 2.56 | .02 | .13 | 1 | 1 |
| 10+50N 2+80E | 1 | 26 | 14 | 55 | .1 | 12 | 10 | 432 | 3.10 | 8 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 79 | .55 | .053 | 5 | 24 | .48 | 106 | .17 | 4 | 1.52 | .02 | .05 | 1 | 1 |
| 10+50N 3+00E | 1 | 24 | 15 | 34 | .1 | 11 | 8 | 430 | 2.87 | 4 | 5 | ND | 3 | 42 | 1 | 2 | 2 | 77 | .61 | .041 | 6 | 25 | .43 | 90 | .19 | 8 | 1.23 | .03 | .13 | 2 | 1 |
| 10+50N 3+20E | 1 | 117 | 10 | 115 | .2 | 25 | 11 | 909 | 3.60 | 2 | 5 | ND | 4 | 54 | 1 | 2 | 2 | 63 | .71 | .101 | 29 | 31 | .69 | 271 | .12 | 2 | 3.48 | .03 | .13 | 1 | 1 |
| 10+50N 3+40E | 1 | 21 | 11 | 38 | .2 | 11 | 7 | 203 | 2.72 | 3 | 5 | ND | 3 | 41 | 1 | 2 | 2 | 72 | .56 | .035 | 6 | 24 | .40 | 91 | .20 | 2 | 1.47 | .02 | .08 | 1 | 2 |
| 10+50N 3+60E | 1 | 80 | 9 | 52 | .2 | 23 | 11 | 462 | 3.51 | 6 | 5 | ND | 5 | 81 | 1 | 3 | 2 | 86 | 1.15 | .065 | 17 | 33 | .73 | 158 | .21 | 2 | 1.86 | .06 | .09 | 2 | 1 |
| 10+00N 2+00W | 1 | 49 | 13 | 101 | .2 | 14 | 12 | 1478 | 3.80 | 2 | 5 | ND | 3 | 47 | 1 | 2 | 2 | 85 | .73 | .067 | 6 | 28 | .71 | 190 | .17 | 2 | 2.13 | .02 | .13 | 1 | 1 |
| 10+00N 1+80W | 1 | 77 | 7 | 139 | .2 | 12 | 10 | 2083 | 2.77 | 5 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 58 | .46 | .053 | 4 | 16 | .35 | 262 | .13 | 2 | 2.07 | .02 | .08 | 1 | 2 |
| 10+00N 1+60W | 1 | 21 | 9 | 74 | .2 | 12 | 7 | 668 | 2.60 | 5 | 5 | ND | 3 | 39 | 1 | 2 | 2 | 66 | .51 | .043 | 5 | 22 | .36 | 167 | .17 | 2 | 1.68 | .02 | .09 | 1 | 2 |
| 10+00N 1+40W | 1 | 40 | 15 | 167 | .1 | 16 | 8 | 1917 | 3.16 | 9 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 63 | .24 | .158 | 6 | 21 | .31 | 176 | .18 | 2 | 3.03 | .03 | .06 | 1 | 1 |
| 10+00N 1+20W | 1 | 79 | 15 | 103 | .1 | 7 | 7 | 1334 | 2.44 | 2 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 50 | .21 | .087 | 5 | 9 | .19 | 146 | .13 | 2 | 1.38 | .03 | .05 | 1 | 2 |
| 10+00N 1+00W | 2 | 32 | 4 | 95 | .1 | 18 | 9 | 1209 | 2.53 | 8 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 59 | .44 | .063 | 5 | 23 | .37 | 222 | .14 | 3 | 2.00 | .02 | .06 | 1 | 1 |
| 10+00N 0+80W | 2 | 12 | 13 | 187 | .1 | 9 | 6 | 3240 | 1.58 | 6 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 33 | .29 | .114 | 3 | 11 | .18 | 246 | .10 | 2 | 1.31 | .03 | .07 | 1 | 2 |
| 10+00N 0+60W | 2 | 48 | 7 | 104 | .1 | 15 | 9 | 2076 | 2.78 | 2 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 61 | .30 | .081 | 6 | 20 | .38 | 244 | .16 | 2 | 2.75 | .02 | .08 | 1 | 2 |
| 10+00N 0+40W | 1 | 32 | 13 | 92 | .1 | 16 | 9 | 782 | 2.65 | 4 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 62 | .42 | .105 | 5 | 21 | .40 | 172 | .14 | 2 | 1.93 | .02 | .06 | 1 | 16 |
| 10+00N 0+20W P | 2 | 67 | 17 | 141 | .1 | 8 | 12 | 4540 | 5.04 | 5 | 5 | ND | 2 | 15 | 1 | 2 | 2 | 47 | .31 | .152 | 8 | 17 | .80 | 260 | .04 | 3 | 2.34 | .02 | .15 | 1 | 3 |
| 10+00N BL | 1 | 69 | 8 | 86 | .1 | 14 | 11 | 902 | 3.65 | 2 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 80 | .34 | .039 | 7 | 24 | .56 | 166 | .15 | 2 | 2.98 | .02 | .06 | 1 | 13 |
| 10+00N 0+20E | 1 | 22 | 8 | 91 | .1 | 10 | 7 | 1496 | 2.41 | 2 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 61 | .49 | .048 | 4 | 20 | .33 | 152 | .14 | 3 | 1.60 | .02 | .06 | 1 | 1 |
| 10+00N 0+40E | 1 | 41 | 11 | 127 | .1 | 14 | 10 | 1301 | 3.31 | 2 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 79 | .46 | .073 | 5 | 22 | .46 | 108 | .15 | 2 | 2.75 | .02 | .08 | 1 | 1 |
| 10+00N 0+60E | 2 | 27 | 21 | 183 | .1 | 14 | 10 | 4466 | 2.77 | 7 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 62 | .39 | .039 | 5 | 18 | .35 | 196 | .14 | 3 | 2.49 | .02 | .09 | 1 | 2 |
| 10+00N 0+80E | 1 | 37 | 13 | 134 | .1 | 14 | 10 | 2220 | 3.03 | 4 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 66 | .40 | .082 | 8 | 24 | .44 | 252 | .15 | 2 | 2.79 | .02 | .09 | 1 | 1 |
| 10+00N 1+00E | 2 | 52 | 20 | 183 | .1 | 15 | 11 | 3289 | 3.19 | 7 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 61 | .74 | .072 | 9 | 22 | .42 | 414 | .14 | 2 | 3.02 | .02 | .08 | 1 | 2 |
| 10+00N 1+20E | 1 | 47 | 9 | 86 | .1 | 13 | 8 | 876 | 2.64 | 3 | 5 | ND | 2 | 27 | 1 | 2 | 4 | 60 | .37 | .068 | 5 | 20 | .40 | 137 | .13 | 3 | 1.96 | .02 | .05 | 1 | 2 |
| 10+00N 1+40E | 1 | 40 | 12 | 134 | .5 | 13 | 9 | 652 | 2.56 | 2 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 59 | .59 | .047 | 6 | 20 | .40 | 179 | .13 | 3 | 1.77 | .03 | .06 | 1 | 1 |
| 10+00N 1+60E | 1 | 43 | 14 | 106 | .3 | 14 | 9 | 414 | 2.75 | 7 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 67 | .55 | .047 | 6 | 23 | .44 | 120 | .15 | 2 | 1.74 | .02 | .05 | 1 | 1 |
| 10+00N 1+80E | 1 | 14 | 4 | 73 | .1 | 12 | 8 | 554 | 2.51 | 4 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 63 | .33 | .052 | 4 | 20 | .34 | 90 | .14 | 5 | 1.52 | .02 | .05 | 1 | 1 |
| 10+00N 2+00E | 1 | 24 | 9 | 72 | .1 | 14 | 7 | 369 | 2.56 | 5 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 61 | .38 | .068 | 6 | 22 | .37 | 131 | .15 | 8 | 1.69 | .03 | .05 | 1 | 1 |
| STD C/AU-S | 20 | 61 | 38 | 137 | 7.3 | 70 | 30 | 1116 | 4.03 | 38 | 17 | 8 | 42 | 54 | 19 | 17 | 20 | 61 | .50 | .091 | 41 | 59 | .89 | 178 | .09 | 37 | 1.88 | .06 | .14 | 13 | 47 |
| 10+00N 2+20E | 1 | 30 | 11 | 49 | .1 | 13 | 8 | 489 | 2.74 | 6 | 5 | ND | 2 | 43 | 1 | 2 | 2 | 74 | .57 | .052 | 6 | 23 | .42 | 106 | .16 | 6 | 1.34 | .02 | .04 | 1 | 1 |
| 10+00N 2+40E | 1 | 17 | 14 | 92 | .1 | 10 | 8 | 672 | 2.45 | 6 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 57 | .33 | .136 | 5 | 21 | .27 | 142 | .13 | 3 | 1.50 | .02 | .05 | 1 | 1 |
| 10+00N 2+60E | 1 | 31 | 12 | 61 | .2 | 14 | 9 | 461 | 2.99 | 6 | 5 | ND | 3 | 37 | 1 | 2 | 2 | 78 | .45 | .067 | 6 | 26 | .49 | 83 | .17 | 4 | 1.74 | .02 | .05 | 1 | 2 |
| 10+00N 2+80E | 1 | 22 | 14 | 68 | .1 | 11 | 7 | 404 | 2.32 | 3 | 5 | ND | 2 | 27 | 1 | 2 | 3 | 56 | .31 | .045 | 7 | 21 | .34 | 85 | .13 | 2 | 1.60 | .02 | .04 | 1 | 1 |
| 10+00N 3+00E P | 1 | 109 | 16 | 108 | .1 | 26 | 15 | 3538 | 4.03 | 2 | 5 | ND | 3 | 56 | 1 | 2 | 3 | 67 | .63 | .077 | 34 | 32 | .82 | 281 | .09 | 3 | 3.72 | .03 | .13 | 1 | 1 |
| 10+00N 3+20E | 1 | 23 | 10 | 60 | .2 | 11 | 7 | 184 | 2.35 | 6 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 48 | .34 | .151 | 4 | 19 | .27 | 137 | .12 | 2 | 1.87 | .02 | .06 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10+00N 3+40E | 1 | 21 | 7 | 105 | .1 | 14 | 9 | 1060 | 2.69 | 8 | 5 | ND | 3 | 33 | 1 | 2 | 2 | 56 | .49 | .133 | 5 | 23 | .36 | 172 | .15 | 2 | 2.01 | .02 | .06 | 1 | 2 |
| 10+00N 3+60E | 1 | 12 | 5 | 63 | .1 | 8 | 5 | 168 | 2.27 | 5 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 47 | .35 | .052 | 3 | 17 | .26 | 80 | .12 | 2 | 1.34 | .02 | .05 | 1 | 1 |
| 10+00N 3+80E P | 1 | 25 | 5 | 66 | .1 | 14 | 12 | 1149 | 4.18 | 7 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 69 | .54 | .117 | 7 | 21 | .68 | 154 | .13 | 3 | 2.33 | .03 | .12 | 1 | 2 |
| 10+00N 4+00E | 1 | 25 | 3 | 34 | .1 | 11 | 8 | 232 | 2.86 | 9 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 67 | .52 | .051 | 4 | 24 | .40 | 84 | .16 | 6 | 1.49 | .02 | .07 | 1 | 4 |
| 9+50N 2+60W | 1 | 21 | 8 | 115 | .1 | 15 | 8 | 1328 | 2.47 | 10 | 5 | ND | 1 | 29 | 1 | 3 | 2 | 56 | .44 | .084 | 4 | 21 | .36 | 173 | .16 | 2 | 2.14 | .02 | .05 | 1 | 1 |
| 9+50N 2+40W | 1 | 37 | 8 | 166 | .1 | 12 | 9 | 1420 | 2.69 | 7 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 54 | .55 | .147 | 6 | 22 | .38 | 263 | .13 | 2 | 1.94 | .02 | .07 | 1 | 2 |
| 9+50N 2+20W | 2 | 38 | 6 | 131 | .1 | 8 | 10 | 2632 | 3.38 | 6 | 5 | ND | 1 | 56 | 1 | 2 | 2 | 60 | 1.27 | .078 | 5 | 19 | .59 | 250 | .10 | 6 | 1.68 | .02 | .16 | 1 | 1 |
| 9+50N 2+00W | 1 | 34 | 7 | 59 | .1 | 9 | 9 | 395 | 3.04 | 6 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 71 | .64 | .041 | 5 | 24 | .49 | 107 | .16 | 2 | 1.36 | .02 | .10 | 1 | 1 |
| 9+50N 1+80W | 1 | 119 | 14 | 77 | .2 | 13 | 6 | 281 | 2.19 | 8 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 43 | 1.07 | .044 | 21 | 22 | .50 | 299 | .10 | 2 | 2.97 | .03 | .05 | 1 | 3 |
| 9+50N 1+60W | 1 | 34 | 7 | 67 | .1 | 9 | 9 | 532 | 3.15 | 6 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 71 | .61 | .042 | 5 | 24 | .52 | 120 | .15 | 2 | 1.54 | .02 | .09 | 1 | 2 |
| 9+50N 1+40W | 1 | 46 | 10 | 96 | .1 | 12 | 8 | 822 | 3.11 | 6 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 75 | .56 | .033 | 5 | 27 | .47 | 133 | .16 | 2 | 1.83 | .02 | .08 | 1 | 1 |
| 9+50N 1+20W | 1 | 39 | 4 | 99 | .1 | 9 | 6 | 835 | 2.78 | 7 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 60 | .52 | .023 | 7 | 20 | .35 | 178 | .17 | 4 | 1.81 | .02 | .10 | 1 | 2 |
| 9+50N 1+00W | 1 | 21 | 13 | 233 | .1 | 14 | 8 | 1489 | 2.60 | 12 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 49 | .43 | .067 | 4 | 18 | .35 | 268 | .16 | 6 | 3.54 | .03 | .08 | 1 | 1 |
| 9+50N 0+80W | 1 | 55 | 7 | 148 | .1 | 19 | 12 | 1174 | 3.89 | 2 | 5 | ND | 4 | 34 | 1 | 2 | 2 | 84 | .60 | .068 | 6 | 35 | .83 | 186 | .18 | 3 | 3.33 | .02 | .13 | 1 | 1 |
| 9+50N 0+60W | 1 | 257 | 3 | 126 | .1 | 15 | 11 | 1933 | 3.52 | 9 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 68 | .39 | .124 | 6 | 27 | .48 | 194 | .14 | 2 | 2.94 | .02 | .06 | 1 | 2 |
| 9+50N 0+40W | 1 | 76 | 12 | 124 | .1 | 17 | 11 | 3151 | 3.55 | 3 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 70 | .60 | .118 | 6 | 25 | .57 | 288 | .14 | 2 | 2.86 | .02 | .07 | 1 | 2 |
| 9+50N 0+20W | 1 | 41 | 4 | 100 | .1 | 14 | 9 | 760 | 2.79 | 9 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 60 | .42 | .130 | 5 | 24 | .45 | 151 | .14 | 2 | 2.29 | .02 | .05 | 1 | 3 |
| 9+50N 0+00W | 1 | 13 | 10 | 158 | .1 | 7 | 6 | 2636 | 2.15 | 10 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 41 | .21 | .125 | 3 | 10 | .17 | 190 | .11 | 2 | 2.20 | .03 | .04 | 1 | 3 |
| 9+50N 0+20E | 1 | 15 | 11 | 52 | .1 | 9 | 7 | 745 | 2.59 | 6 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 57 | .53 | .035 | 4 | 18 | .40 | 124 | .14 | 7 | 1.46 | .02 | .09 | 1 | 1 |
| 9+50N 0+40E | 1 | 21 | 7 | 91 | .1 | 11 | 6 | 1098 | 2.04 | 11 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 40 | .43 | .070 | 4 | 14 | .31 | 143 | .11 | 2 | 1.66 | .02 | .07 | 1 | 1 |
| 9+50N 0+60E | 1 | 15 | 9 | 52 | .1 | 6 | 6 | 463 | 2.11 | 5 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 48 | .46 | .020 | 4 | 16 | .31 | 100 | .13 | 2 | 1.30 | .02 | .07 | 1 | 2 |
| STD C/AU-S | 20 | 59 | 38 | 125 | 7.3 | 68 | 29 | 1063 | 4.05 | 40 | 19 | 8 | 40 | 50 | 18 | 16 | 22 | 57 | .52 | .085 | 38 | 61 | .90 | 170 | .08 | 37 | 1.90 | .06 | .12 | 14 | 46 |
| 9+50N 0+80E | 1 | 93 | 4 | 105 | .4 | 21 | 10 | 2268 | 3.58 | 4 | 5 | ND | 3 | 54 | 1 | 2 | 2 | 58 | 1.10 | .039 | 21 | 32 | .60 | 477 | .12 | 5 | 3.91 | .03 | .10 | 1 | 1 |
| 9+50N 1+00E | 1 | 30 | 2 | 74 | .1 | 11 | 8 | 693 | 2.54 | 6 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 57 | .59 | .037 | 6 | 19 | .38 | 154 | .11 | 8 | 1.44 | .02 | .08 | 1 | 3 |
| 9+50N 1+20E | 1 | 69 | 10 | 139 | .1 | 13 | 10 | 1803 | 2.91 | 4 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 59 | .59 | .070 | 9 | 23 | .47 | 233 | .14 | 2 | 2.47 | .03 | .07 | 1 | 1 |
| 9+50N 1+40E | 2 | 13 | 2 | 142 | .1 | 10 | 7 | 1740 | 2.08 | 8 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 40 | .49 | .124 | 4 | 15 | .26 | 202 | .10 | 2 | 1.45 | .02 | .06 | 1 | 2 |
| 9+50N 1+60E | 3 | 17 | 11 | 108 | .1 | 9 | 18 | 5273 | 4.50 | 6 | 5 | ND | 2 | 30 | 1 | 2 | 3 | 74 | .49 | .173 | 4 | 18 | .99 | 347 | .12 | 2 | 2.23 | .03 | .11 | 1 | 1 |
| 9+50N 1+80E | 2 | 197 | 7 | 138 | .1 | 16 | 13 | 4188 | 3.78 | 10 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 65 | .74 | .103 | 9 | 25 | .42 | 237 | .11 | 2 | 3.02 | .02 | .07 | 1 | 1 |
| 9+50N 2+00E | 1 | 38 | 2 | 78 | .1 | 16 | 11 | 1462 | 3.59 | 7 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 76 | .43 | .063 | 5 | 25 | .60 | 169 | .14 | 2 | 2.49 | .02 | .06 | 1 | 1 |
| 9+50N 2+20E | 1 | 43 | 6 | 54 | .1 | 13 | 8 | 296 | 2.99 | 9 | 5 | ND | 3 | 34 | 1 | 2 | 2 | 67 | .43 | .040 | 8 | 26 | .58 | 115 | .15 | 2 | 2.05 | .02 | .05 | 1 | 11 |
| 9+50N 2+40E | 1 | 95 | 5 | 97 | .1 | 27 | 14 | 1715 | 4.19 | 5 | 5 | ND | 3 | 44 | 1 | 4 | 2 | 72 | .48 | .089 | 15 | 37 | .84 | 248 | .10 | 4 | 4.55 | .03 | .09 | 2 | 1 |
| 9+50N 2+60E P | 2 | 120 | 15 | 136 | .2 | 28 | 17 | 1958 | 5.56 | 6 | 5 | ND | 4 | 56 | 1 | 2 | 2 | 81 | .78 | .083 | 22 | 43 | 1.35 | 312 | .12 | 2 | 5.19 | .02 | .16 | 2 | 1 |
| 9+50N 2+80E | 1 | 27 | 7 | 77 | .1 | 12 | 9 | 724 | 2.88 | 7 | 5 | ND | 3 | 36 | 1 | 2 | 2 | 67 | .48 | .045 | 6 | 26 | .46 | 115 | .16 | 2 | 1.94 | .02 | .07 | 1 | 2 |
| 9+50N 3+00E | 1 | 27 | 12 | 97 | .2 | 10 | 7 | 534 | 2.49 | 4 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 57 | .38 | .055 | 8 | 22 | .35 | 122 | .13 | 2 | 1.65 | .02 | .05 | 1 | 1 |
| 9+50N 3+20E | 1 | 21 | 14 | 54 | .1 | 11 | 7 | 514 | 2.55 | 8 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 57 | .41 | .079 | 6 | 21 | .35 | 116 | .14 | 2 | 1.59 | .02 | .07 | 1 | 1 |
| 9+50N 3+40E | 1 | 75 | 11 | 136 | .2 | 17 | 10 | 2515 | 3.01 | 5 | 5 | ND | 2 | 36 | 1 | 3 | 2 | 60 | .44 | .123 | 14 | 26 | .48 | 186 | .11 | 2 | 2.43 | .02 | .06 | 1 | 1 |
| 9+50N 3+60E | 1 | 44 | 12 | 96 | .1 | 13 | 10 | 1093 | 2.99 | 9 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 64 | .39 | .070 | 10 | 25 | .46 | 139 | .14 | 2 | 1.96 | .02 | .08 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9+50N 3+80E | 1 | 15 | 14 | 52 | .1 | 12 | 5 | 487 | 1.99 | 7 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 45 | .39 | .028 | 5 | 19 | .27 | 100 | .13 | 2 | 1.19 | .02 | .07 | 1 | 1 |
| 9+50N 4+00E | 2 | 53 | 14 | 68 | .1 | 13 | 10 | 927 | 3.14 | 8 | 5 | ND | 3 | 39 | 1 | 2 | 2 | 68 | .57 | .021 | 11 | 30 | .54 | 159 | .15 | 11 | 1.92 | .03 | .06 | 1 | 1 |
| 9+50N 4+20E | 3 | 18 | 14 | 48 | .1 | 16 | 5 | 365 | 2.19 | 6 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 45 | .52 | .062 | 4 | 27 | .30 | 122 | .11 | 2 | 1.26 | .02 | .07 | 1 | 1 |
| 9+50N 4+40E | 1 | 60 | 11 | 50 | .1 | 18 | 9 | 405 | 3.50 | 6 | 5 | ND | 2 | 60 | 1 | 2 | 2 | 87 | .73 | .057 | 10 | 34 | .67 | 114 | .20 | 10 | 1.53 | .03 | .06 | 1 | 2 |
| 9+50N 4+60E | 2 | 40 | 12 | 66 | .1 | 15 | 10 | 503 | 3.29 | 10 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 78 | .53 | .071 | 6 | 31 | .57 | 106 | .16 | 2 | 1.52 | .02 | .04 | 1 | 1 |
| 9+50N 4+80E | 2 | 24 | 11 | 64 | .1 | 11 | 8 | 447 | 2.91 | 8 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 66 | .42 | .089 | 5 | 25 | .45 | 110 | .15 | 5 | 1.67 | .02 | .04 | 1 | 1 |
| 9+50N 5+00E P | 2 | 106 | 17 | 101 | .5 | 19 | 9 | 1254 | 3.09 | 9 | 5 | ND | 1 | 60 | 1 | 2 | 2 | 54 | 1.31 | .052 | 23 | 28 | .59 | 290 | .10 | 5 | 2.82 | .03 | .07 | 1 | 2 |
| 9+50N 5+20E | 2 | 28 | 16 | 64 | .1 | 10 | 8 | 308 | 2.89 | 10 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 65 | .52 | .054 | 5 | 27 | .46 | 133 | .14 | 7 | 1.45 | .02 | .05 | 1 | 1 |
| 9+50N 5+40E | 2 | 30 | 11 | 76 | .1 | 15 | 8 | 462 | 2.62 | 8 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 58 | .44 | .107 | 5 | 23 | .39 | 140 | .12 | 6 | 1.53 | .02 | .07 | 1 | 1 |
| 9+50N 5+60E | 2 | 31 | 9 | 99 | .2 | 10 | 7 | 495 | 2.51 | 8 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 51 | .49 | .092 | 5 | 21 | .33 | 142 | .11 | 2 | 1.63 | .02 | .07 | 1 | 2 |
| 9+00N 2+60W | 2 | 35 | 5 | 95 | .1 | 13 | 8 | 1460 | 2.79 | 12 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 55 | .32 | .101 | 5 | 23 | .40 | 186 | .12 | 2 | 2.08 | .02 | .04 | 1 | 1 |
| 9+00N 2+40W | 2 | 30 | 10 | 98 | .1 | 13 | 6 | 485 | 2.39 | 10 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 47 | .40 | .086 | 5 | 19 | .33 | 147 | .11 | 2 | 1.98 | .02 | .04 | 1 | 1 |
| 9+00N 2+20W P | 3 | 30 | 17 | 105 | .2 | 8 | 9 | 1642 | 3.29 | 6 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 48 | .66 | .088 | 6 | 19 | .53 | 203 | .07 | 3 | 1.13 | .02 | .10 | 1 | 1 |
| 9+00N 2+00W | 2 | 26 | 14 | 80 | .1 | 10 | 5 | 978 | 2.05 | 7 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 42 | .39 | .089 | 4 | 17 | .25 | 167 | .11 | 2 | 1.43 | .02 | .04 | 1 | 1 |
| 9+00N 1+00W | 2 | 20 | 13 | 68 | .1 | 11 | 7 | 525 | 2.38 | 9 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 53 | .39 | .043 | 3 | 20 | .32 | 118 | .13 | 2 | 1.35 | .02 | .05 | 1 | 2 |
| 9+00N 1+80W | 1 | 33 | 9 | 48 | .1 | 10 | 7 | 255 | 2.95 | 5 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 71 | .52 | .046 | 6 | 25 | .46 | 98 | .16 | 5 | 1.14 | .02 | .05 | 1 | 1 |
| 9+00N 1+60W | 1 | 25 | 16 | 88 | .1 | 12 | 6 | 858 | 2.21 | 5 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 49 | .50 | .068 | 5 | 18 | .31 | 153 | .11 | 2 | 1.39 | .02 | .06 | 2 | 2 |
| 9+00N 1+20W | 2 | 20 | 15 | 121 | .1 | 10 | 7 | 916 | 2.32 | 9 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 48 | .32 | .113 | 4 | 19 | .34 | 163 | .11 | 4 | 1.62 | .02 | .09 | 1 | 1 |
| 9+00N 1+00W | 2 | 33 | 15 | 316 | .1 | 9 | 5 | 2544 | 1.85 | 8 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 29 | .47 | .088 | 6 | 9 | .21 | 349 | .08 | 10 | 1.59 | .03 | .08 | 1 | 1 |
| 9+00N 0+80W | 4 | 191 | 18 | 171 | .1 | 16 | 14 | 6116 | 4.09 | 9 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 69 | .60 | .088 | 9 | 30 | .52 | 544 | .13 | 2 | 2.64 | .01 | .13 | 1 | 66 |
| 9+00N 0+60W | 2 | 35 | 16 | 118 | .1 | 9 | 7 | 1007 | 2.98 | 8 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 58 | .27 | .071 | 5 | 17 | .31 | 162 | .12 | 2 | 2.21 | .02 | .05 | 1 | 51 |
| 9+00N 0+40W | 4 | 23 | 27 | 286 | .1 | 9 | 12 | 10883 | 2.96 | 13 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 49 | .52 | .197 | 4 | 17 | .57 | 331 | .07 | 2 | 2.28 | .02 | .08 | 1 | 1 |
| 9+00N 0+20W | 2 | 24 | 16 | 98 | .1 | 12 | 7 | 1142 | 2.40 | 7 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 49 | .40 | .076 | 5 | 18 | .33 | 156 | .11 | 2 | 1.78 | .02 | .05 | 1 | 1 |
| 9+00N BL | 2 | 18 | 15 | 172 | .1 | 11 | 7 | 1933 | 2.41 | 9 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 50 | .45 | .127 | 4 | 21 | .33 | 176 | .12 | 2 | 1.77 | .02 | .05 | 1 | 4 |
| STD C/AU-S | 20 | 59 | 41 | 136 | 7.3 | 69 | 28 | 1067 | 4.04 | 41 | 17 | 7 | 39 | 49 | 18 | 17 | 21 | 57 | .48 | .082 | 38 | 59 | .87 | 175 | .08 | 38 | 1.71 | .06 | .12 | 14 | 52 |
| 9+00N 0+20E | 2 | 14 | 9 | 105 | .1 | 9 | 7 | 1845 | 2.20 | 6 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 47 | .54 | .051 | 3 | 16 | .31 | 196 | .10 | 3 | 1.27 | .02 | .07 | 1 | 1 |
| 9+00N 0+40E | 2 | 26 | 18 | 82 | .1 | 13 | 7 | 735 | 2.30 | 15 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 43 | .33 | .095 | 6 | 17 | .34 | 134 | .12 | 2 | 2.15 | .02 | .07 | 1 | 1 |
| 9+00N 0+60E | 4 | 15 | 10 | 57 | .2 | 7 | 6 | 708 | 1.68 | 7 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 33 | .40 | .065 | 4 | 13 | .26 | 144 | .07 | 2 | 1.00 | .01 | .07 | 1 | 1 |
| 9+00N 0+80E | 1 | 111 | 13 | 81 | .5 | 20 | 9 | 892 | 3.40 | 5 | 5 | ND | 3 | 46 | 1 | 2 | 2 | 55 | 1.04 | .020 | 19 | 31 | .54 | 368 | .12 | 2 | 3.60 | .03 | .07 | 1 | 1 |
| 9+00N 1+00E P | 2 | 59 | 19 | 72 | .4 | 14 | 12 | 857 | 4.22 | 12 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 81 | .89 | .044 | 14 | 26 | 1.16 | 227 | .12 | 2 | 2.12 | .03 | .09 | 1 | 2 |
| 9+00N 1+20E | 2 | 20 | 14 | 145 | .1 | 13 | 10 | 942 | 2.87 | 10 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 57 | .39 | .133 | 4 | 22 | .41 | 148 | .12 | 29 | 1.80 | .03 | .06 | 1 | 1 |
| 9+00N 1+40E | 2 | 52 | 15 | 73 | .1 | 15 | 12 | 1214 | 3.75 | 13 | 5 | ND | 2 | 43 | 1 | 2 | 2 | 80 | .51 | .028 | 12 | 29 | .63 | 150 | .17 | 2 | 1.89 | .01 | .15 | 1 | 1 |
| 9+00N 1+60E | 2 | 18 | 10 | 72 | .1 | 8 | 7 | 1159 | 2.70 | 7 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 61 | .52 | .019 | 5 | 19 | .41 | 165 | .15 | 36 | 1.14 | .03 | .07 | 1 | 1 |
| 9+00N 1+80E P | 2 | 197 | 13 | 173 | .5 | 33 | 13 | 2538 | 5.10 | 2 | 5 | ND | 4 | 73 | 1 | 2 | 2 | 75 | .84 | .078 | 43 | 46 | .80 | 425 | .09 | 2 | 6.95 | .02 | .13 | 1 | 1 |
| 9+00N 2+00E | 2 | 13 | 15 | 89 | .1 | 9 | 6 | 665 | 2.33 | 9 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 53 | .37 | .079 | 4 | 19 | .31 | 132 | .12 | 2 | 1.27 | .01 | .05 | 1 | 1 |
| 9+00N 2+20E | 2 | 21 | 17 | 122 | .1 | 11 | 8 | 1080 | 2.42 | 9 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 52 | .33 | .073 | 5 | 21 | .37 | 160 | .12 | 3 | 1.66 | .02 | .04 | 1 | 2 |
| 9+00N 2+40E | 2 | 25 | 18 | 113 | .1 | 16 | 8 | 702 | 2.58 | 10 | 5 | ND | 1 | 28 | 1 | 3 | 2 | 55 | .34 | .092 | 5 | 23 | .40 | 136 | .13 | 2 | 1.98 | .02 | .06 | 2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9+00N 2+60E | 1 | 115 | 12 | 101 | .5 | 20 | 10 | 1084 | 3.38 | 4 | 5 | ND | 3 | 56 | 1 | 2 | 2 | 63 | .62 | .053 | 16 | 33 | .78 | 218 | .11 | 2 | 3.42 | .03 | .11 | 1 | 1 |
| 9+00N 2+80E | 1 | 38 | 13 | 95 | .2 | 13 | 10 | 480 | 2.91 | 4 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 67 | .40 | .071 | 6 | 27 | .49 | 144 | .16 | 5 | 2.46 | .02 | .06 | 1 | 1 |
| 9+00N 3+00E | 1 | 31 | 15 | 77 | .1 | 12 | 8 | 266 | 2.53 | 8 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 61 | .38 | .062 | 5 | 23 | .42 | 131 | .16 | 2 | 1.80 | .03 | .06 | 1 | 1 |
| 9+00N 3+20E | 1 | 27 | 8 | 109 | .1 | 12 | 6 | 831 | 2.22 | 7 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 50 | .29 | .062 | 6 | 19 | .33 | 125 | .13 | 6 | 1.88 | .03 | .04 | 1 | 1 |
| 9+00N 3+40E | 1 | 19 | 12 | 99 | .1 | 9 | 6 | 960 | 1.99 | 7 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 48 | .40 | .085 | 6 | 17 | .31 | 124 | .12 | 2 | 1.53 | .02 | .07 | 1 | 2 |
| 9+00N 3+60E | 1 | 55 | 7 | 64 | .1 | 13 | 8 | 512 | 3.06 | 6 | 5 | ND | 3 | 55 | 1 | 2 | 3 | 81 | .66 | .056 | 10 | 29 | .61 | 125 | .19 | 5 | 1.65 | .03 | .08 | 1 | 1 |
| 9+00N 3+80E | 1 | 59 | 13 | 51 | .1 | 13 | 9 | 547 | 2.97 | 8 | 5 | ND | 2 | 57 | 1 | 2 | 2 | 77 | .71 | .064 | 10 | 27 | .63 | 121 | .17 | 2 | 1.60 | .03 | .08 | 1 | 2 |
| 9+00N 4+00E | 1 | 37 | 6 | 108 | .1 | 15 | 8 | 747 | 2.28 | 7 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 48 | .42 | .119 | 7 | 21 | .35 | 207 | .13 | 2 | 2.52 | .02 | .08 | 1 | 2 |
| 9+00N 4+20E | 1 | 36 | 14 | 53 | .1 | 9 | 7 | 358 | 2.47 | 6 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 64 | .44 | .039 | 8 | 21 | .42 | 118 | .15 | 7 | 1.42 | .02 | .04 | 1 | 1 |
| 9+00N 4+40E | 1 | 25 | 11 | 78 | .2 | 8 | 6 | 342 | 2.21 | 4 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 58 | .39 | .045 | 5 | 20 | .34 | 91 | .15 | 5 | 1.52 | .03 | .04 | 1 | 2 |
| 9+00N 4+60E | 2 | 64 | 14 | 126 | .1 | 14 | 9 | 1419 | 2.77 | 7 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 63 | .25 | .102 | 7 | 24 | .41 | 128 | .13 | 2 | 2.64 | .02 | .04 | 1 | 2 |
| 9+00N 4+80E | 1 | 58 | 11 | 127 | .1 | 11 | 8 | 1843 | 2.66 | 3 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 56 | .29 | .081 | 6 | 17 | .32 | 183 | .13 | 2 | 2.54 | .02 | .05 | 1 | 1 |
| STD C/AU-S | 20 | 61 | 39 | 127 | 7.6 | 68 | 29 | 1091 | 3.85 | 40 | 19 | 8 | 42 | 52 | 18 | 18 | 20 | 60 | .47 | .090 | 40 | 60 | .85 | 176 | .09 | 38 | 1.89 | .06 | .13 | 14 | 50 |
| 9+00N 5+00E | 1 | 33 | 14 | 44 | .3 | 10 | 8 | 409 | 2.76 | 6 | 5 | ND | 4 | 42 | 1 | 2 | 2 | 75 | .70 | .029 | 8 | 26 | .46 | 140 | .17 | 2 | 1.58 | .02 | .07 | 1 | 2 |
| 9+00N 5+20E | 1 | 99 | 10 | 138 | .5 | 14 | 7 | 1787 | 2.64 | 6 | 5 | ND | 2 | 54 | 1 | 2 | 3 | 41 | 2.35 | .082 | 34 | 25 | .52 | 424 | .07 | 7 | 3.03 | .03 | .05 | 1 | 10 |
| 9+00N 5+40E | 1 | 19 | 18 | 128 | .1 | 10 | 8 | 2517 | 2.54 | 2 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 55 | .37 | .053 | 5 | 21 | .37 | 232 | .13 | 3 | 2.14 | .02 | .07 | 1 | 1 |
| 9+00N 5+60E | 2 | 42 | 17 | 127 | .1 | 10 | 11 | 4882 | 2.72 | 7 | 5 | ND | 1 | 40 | 2 | 2 | 2 | 62 | .56 | .046 | 9 | 22 | .37 | 377 | .14 | 6 | 2.47 | .02 | .08 | 1 | 1 |
| 8+75N 0+60W | 1 | 31 | 11 | 149 | .1 | 3 | 6 | 1234 | 2.02 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 3 | 34 | .23 | .148 | 5 | 8 | .16 | 285 | .07 | 2 | 1.45 | .03 | .07 | 1 | 15 |
| 8+75N 0+55W | 1 | 67 | 15 | 106 | .1 | 7 | 7 | 1377 | 2.52 | 5 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 59 | .30 | .071 | 5 | 19 | .32 | 188 | .11 | 9 | 1.50 | .02 | .07 | 1 | 2 |
| 8+75N 0+50W | 2 | 47 | 15 | 129 | .1 | 10 | 11 | 4917 | 3.23 | 9 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 69 | .55 | .114 | 7 | 20 | .40 | 363 | .12 | 2 | 2.16 | .02 | .12 | 1 | 1 |
| 8+75N 0+45W | 1 | 26 | 18 | 135 | .1 | 10 | 7 | 3218 | 2.51 | 5 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 64 | .45 | .040 | 5 | 19 | .33 | 237 | .14 | 5 | 1.88 | .02 | .06 | 1 | 1 |
| 8+75N 0+40W | 1 | 33 | 12 | 102 | .1 | 11 | 7 | 1276 | 2.40 | 6 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 58 | .40 | .051 | 5 | 20 | .35 | 191 | .15 | 2 | 2.30 | .02 | .08 | 1 | 1 |
| 8+75N 0+35W | 1 | 28 | 21 | 79 | .1 | 10 | 7 | 953 | 2.38 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 59 | .38 | .055 | 5 | 21 | .34 | 170 | .15 | 2 | 2.00 | .02 | .06 | 1 | 1 |
| 8+75N 0+30W | 1 | 19 | 9 | 66 | .2 | 11 | 7 | 914 | 2.35 | 6 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 60 | .32 | .086 | 4 | 20 | .29 | 150 | .13 | 5 | 1.88 | .02 | .14 | 1 | 1 |
| 8+75N 0+25W | 1 | 27 | 16 | 92 | .1 | 14 | 8 | 1168 | 2.57 | 4 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 64 | .40 | .094 | 5 | 22 | .35 | 169 | .15 | 10 | 2.02 | .02 | .07 | 1 | 1 |
| 8+75N 0+20W | 1 | 26 | 14 | 88 | .1 | 11 | 8 | 836 | 2.47 | 5 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 62 | .38 | .104 | 5 | 21 | .35 | 148 | .14 | 2 | 1.84 | .02 | .06 | 1 | 1 |
| 8+75N 0+15W | 1 | 23 | 11 | 90 | .2 | 9 | 7 | 743 | 2.42 | 6 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 60 | .47 | .093 | 5 | 18 | .34 | 128 | .13 | 2 | 1.73 | .02 | .07 | 1 | 1 |
| 8+75N 0+10W | 1 | 21 | 11 | 118 | .1 | 10 | 7 | 997 | 2.25 | 6 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 54 | .38 | .094 | 5 | 17 | .30 | 151 | .13 | 2 | 1.87 | .02 | .05 | 1 | 1 |
| 8+75N 0+05W | 1 | 38 | 15 | 112 | .1 | 10 | 7 | 749 | 2.33 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 56 | .46 | .034 | 7 | 19 | .37 | 140 | .13 | 2 | 2.16 | .03 | .06 | 2 | 1 |
| 8+75N 0+00W | 1 | 35 | 12 | 91 | .2 | 10 | 6 | 582 | 2.42 | 7 | 5 | ND | 1 | 34 | 1 | 2 | 3 | 58 | .43 | .045 | 8 | 21 | .37 | 143 | .14 | 2 | 2.09 | .03 | .05 | 1 | 1 |
| 8+50N 3+00W | 1 | 24 | 15 | 100 | .3 | 12 | 7 | 383 | 2.28 | 6 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 52 | .24 | .123 | 4 | 17 | .27 | 144 | .13 | 2 | 1.73 | .02 | .05 | 1 | 1 |
| 8+50N 2+80W | 1 | 26 | 12 | 91 | .2 | 11 | 6 | 528 | 2.08 | 6 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 49 | .40 | .050 | 5 | 17 | .32 | 142 | .12 | 12 | 1.69 | .03 | .08 | 1 | 2 |
| 8+50N 2+60W | 1 | 26 | 13 | 96 | .2 | 8 | 6 | 928 | 2.10 | 4 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 46 | .53 | .022 | 5 | 13 | .23 | 219 | .10 | 4 | 1.30 | .02 | .08 | 1 | 2 |
| 8+50N 2+40W | 1 | 13 | 10 | 80 | .1 | 5 | 6 | 942 | 1.99 | 3 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 50 | .28 | .023 | 3 | 14 | .25 | 149 | .13 | 3 | 1.44 | .02 | .07 | 1 | 1 |
| 8+50N 2+20W | 1 | 28 | 17 | 108 | .1 | 7 | 7 | 801 | 2.46 | 5 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 58 | .42 | .032 | 5 | 18 | .36 | 219 | .14 | 6 | 1.86 | .02 | .07 | 1 | 1 |
| 8+50N 2+00W | 2 | 34 | 23 | 213 | .1 | 5 | 8 | 5728 | 2.78 | 9 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 37 | .32 | .163 | 8 | 10 | .23 | 574 | .06 | 4 | 1.87 | .02 | .10 | 2 | 1 |
| 8+50N 1+80W | 2 | 27 | 10 | 203 | .1 | 9 | 8 | 4856 | 2.65 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 50 | .37 | .112 | 8 | 13 | .29 | 526 | .12 | 7 | 2.59 | .03 | .09 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8+50N 1+60W | 2 | 370 | 8 | 162 | .1 | 17 | 10 | 2188 | 2.93 | 13 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 57 | .47 | .155 | 6 | 18 | .33 | 311 | .12 | 2 | 3.13 | .02 | .10 | 1 | 15 |
| 8+50N 1+40W | 2 | 66 | 7 | 188 | .1 | 15 | 9 | 3833 | 2.69 | 11 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 56 | .55 | .095 | 9 | 20 | .35 | 306 | .11 | 2 | 2.98 | .02 | .09 | 1 | 1 |
| 8+50N 1+20W | 2 | 55 | 5 | 137 | .2 | 11 | 8 | 1259 | 2.64 | 7 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 52 | .29 | .100 | 7 | 15 | .27 | 148 | .13 | 2 | 3.50 | .03 | .04 | 1 | 1 |
| 8+50N 1+00W | 2 | 100 | 5 | 125 | .1 | 22 | 10 | 724 | 3.52 | 11 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 75 | .27 | .099 | 7 | 29 | .54 | 141 | .13 | 2 | 3.94 | .02 | .05 | 2 | 1 |
| 8+50N 0+80W | 2 | 48 | 6 | 180 | .1 | 12 | 8 | 2095 | 2.48 | 11 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 55 | .39 | .091 | 7 | 20 | .36 | 233 | .11 | 2 | 2.43 | .02 | .05 | 1 | 1 |
| 8+50N 0+60W | 2 | 49 | 5 | 139 | .1 | 17 | 9 | 1208 | 2.84 | 9 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 64 | .34 | .066 | 5 | 24 | .42 | 164 | .12 | 2 | 2.88 | .02 | .08 | 1 | 7 |
| 8+50N 0+40W | 2 | 70 | 5 | 143 | .1 | 10 | 9 | 2458 | 2.67 | 12 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 50 | .32 | .080 | 6 | 15 | .26 | 198 | .11 | 2 | 2.54 | .02 | .07 | 1 | 3 |
| 8+50N 0+20W | 1 | 64 | 4 | 106 | .1 | 12 | 8 | 866 | 2.74 | 11 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 66 | .39 | .087 | 4 | 21 | .38 | 156 | .11 | 4 | 1.85 | .02 | .05 | 1 | 1 |
| 8+50N BL | 1 | 34 | 4 | 97 | .1 | 13 | 6 | 628 | 2.09 | 9 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 47 | .36 | .034 | 6 | 18 | .33 | 114 | .11 | 2 | 2.03 | .02 | .05 | 1 | 1 |
| 8+50N 0+20E | 1 | 17 | 4 | 53 | .1 | 12 | 7 | 414 | 2.30 | 9 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 56 | .35 | .042 | 4 | 17 | .32 | 87 | .12 | 2 | 1.65 | .02 | .05 | 1 | 1 |
| 8+50N 0+40E | 1 | 20 | 10 | 77 | .1 | 12 | 7 | 551 | 2.42 | 7 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 58 | .34 | .085 | 4 | 19 | .31 | 95 | .12 | 2 | 1.76 | .02 | .06 | 1 | 1 |
| 8+50N 0+60E | 2 | 55 | 7 | 79 | .3 | 17 | 8 | 879 | 2.74 | 8 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 61 | .62 | .020 | 13 | 26 | .47 | 184 | .11 | 2 | 2.19 | .02 | .06 | 1 | 1 |
| 8+50N 0+80E | 1 | 114 | 7 | 71 | .7 | 18 | 9 | 846 | 3.02 | 8 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 60 | 1.06 | .031 | 19 | 28 | .53 | 359 | .10 | 2 | 3.15 | .02 | .06 | 1 | 1 |
| 8+50N 1+00E | 1 | 84 | 10 | 95 | .5 | 19 | 8 | 1059 | 2.80 | 9 | 5 | ND | 2 | 52 | 1 | 2 | 2 | 61 | .73 | .035 | 23 | 25 | .56 | 182 | .11 | 2 | 2.42 | .03 | .07 | 1 | 2 |
| 8+50N 1+20E | 2 | 25 | 10 | 91 | .2 | 9 | 8 | 1397 | 2.26 | 6 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 52 | .52 | .068 | 4 | 16 | .35 | 164 | .09 | 2 | 1.35 | .02 | .07 | 1 | 2 |
| 8+50N 1+40E | 2 | 28 | 8 | 105 | .3 | 11 | 11 | 2394 | 3.03 | 9 | 5 | ND | 1 | 60 | 1 | 2 | 2 | 61 | .82 | .061 | 6 | 16 | .61 | 261 | .10 | 2 | 1.47 | .02 | .14 | 1 | 4 |
| 8+50N 1+60E | 1 | 21 | 10 | 90 | .1 | 11 | 7 | 593 | 2.20 | 10 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 48 | .31 | .095 | 4 | 15 | .28 | 138 | .10 | 2 | 1.69 | .02 | .04 | 1 | 1 |
| 8+50N 1+80E | 1 | 39 | 11 | 66 | .1 | 12 | 7 | 378 | 2.68 | 7 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 69 | .37 | .038 | 7 | 24 | .43 | 91 | .13 | 2 | 1.68 | .02 | .04 | 1 | 1 |
| 8+50N 2+00E | 1 | 20 | 2 | 106 | .1 | 12 | 6 | 560 | 2.08 | 7 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 44 | .26 | .074 | 4 | 16 | .27 | 99 | .10 | 2 | 1.63 | .02 | .04 | 1 | 1 |
| 8+50N 2+20E | 1 | 16 | 5 | 80 | .1 | 8 | 5 | 596 | 1.82 | 7 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 43 | .22 | .042 | 4 | 13 | .24 | 101 | .10 | 2 | 1.24 | .02 | .03 | 1 | 1 |
| 8+50N 2+40E | 1 | 25 | 9 | 106 | .2 | 13 | 8 | 539 | 2.64 | 7 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 63 | .32 | .084 | 4 | 21 | .36 | 120 | .12 | 2 | 1.75 | .02 | .05 | 1 | 11 |
| 8+50N 2+60E | 2 | 24 | 7 | 83 | .1 | 15 | 8 | 432 | 2.76 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 69 | .41 | .086 | 4 | 23 | .40 | 96 | .12 | 2 | 1.68 | .02 | .04 | 1 | 2 |
| 8+50N 2+80E | 1 | 128 | 8 | 262 | .8 | 29 | 12 | 3412 | 3.89 | 2 | 5 | ND | 1 | 49 | 1 | 2 | 4 | 63 | .57 | .099 | 27 | 35 | .62 | 374 | .08 | 3 | 6.51 | .02 | .10 | 2 | 1 |
| 8+50N 3+00E | 2 | 37 | 5 | 86 | .1 | 12 | 8 | 560 | 2.76 | 13 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 63 | .31 | .050 | 5 | 21 | .43 | 93 | .12 | 13 | 2.18 | .02 | .05 | 1 | 1 |
| 8+50N 3+20E | 2 | 30 | 12 | 151 | .2 | 13 | 9 | 2314 | 2.57 | 12 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 56 | .29 | .089 | 6 | 20 | .36 | 206 | .09 | 2 | 1.87 | .02 | .06 | 1 | 1 |
| 8+50N 3+40E | 2 | 34 | 10 | 114 | .3 | 17 | 8 | 775 | 2.82 | 11 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 62 | .43 | .108 | 6 | 23 | .48 | 149 | .11 | 2 | 2.20 | .02 | .08 | 2 | 1 |
| 8+50N 3+60E | 1 | 19 | 4 | 84 | .2 | 11 | 8 | 711 | 2.20 | 9 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 54 | .34 | .055 | 4 | 17 | .34 | 88 | .11 | 2 | 1.47 | .02 | .04 | 1 | 2 |
| 8+50N 3+80E | 1 | 24 | 6 | 91 | .3 | 11 | 7 | 293 | 2.26 | 8 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 55 | .40 | .040 | 5 | 18 | .37 | 99 | .12 | 2 | 1.65 | .02 | .05 | 1 | 1 |
| 8+50N 4+00E | 2 | 86 | 12 | 111 | .5 | 19 | 10 | 1501 | 2.91 | 8 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 57 | .51 | .025 | 16 | 26 | .55 | 242 | .09 | 3 | 3.24 | .02 | .05 | 1 | 1 |
| 8+50N 4+20E | 1 | 22 | 4 | 50 | .1 | 11 | 7 | 245 | 2.28 | 9 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 56 | .37 | .043 | 6 | 18 | .35 | 103 | .12 | 2 | 1.56 | .02 | .03 | 1 | 1 |
| 8+50N 4+40E | 2 | 35 | 7 | 74 | .1 | 17 | 9 | 819 | 2.77 | 9 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 64 | .35 | .072 | 6 | 23 | .45 | 138 | .12 | 2 | 2.37 | .02 | .05 | 1 | 1 |
| 8+50N 4+60E | 2 | 59 | 7 | 101 | .6 | 15 | 9 | 963 | 2.77 | 9 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 62 | .55 | .032 | 12 | 23 | .44 | 187 | .11 | 2 | 2.47 | .02 | .05 | 2 | 2 |
| 8+50N 4+80E | 2 | 74 | 14 | 133 | .3 | 17 | 12 | 2002 | 3.72 | 9 | 5 | ND | 1 | 52 | 1 | 2 | 2 | 72 | .61 | .058 | 18 | 25 | .72 | 234 | .10 | 2 | 2.90 | .02 | .08 | 1 | 1 |
| 8+50N 5+00E | 2 | 45 | 8 | 85 | .3 | 15 | 9 | 521 | 3.04 | 14 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 70 | .39 | .043 | 6 | 25 | .49 | 158 | .13 | 6 | 2.69 | .02 | .05 | 1 | 1 |
| 8+50N 5+20E | 2 | 34 | 9 | 101 | .2 | 15 | 10 | 676 | 2.84 | 11 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 63 | .38 | .047 | 7 | 22 | .40 | 195 | .13 | 2 | 2.49 | .02 | .04 | 2 | 1 |
| 8+50N 5+40E | 1 | 56 | 9 | 85 | .4 | 17 | 11 | 862 | 3.38 | 10 | 5 | ND | 2 | 40 | 1 | 2 | 2 | 69 | .71 | .022 | 19 | 31 | .57 | 245 | .12 | 4 | 2.65 | .02 | .09 | 2 | 2 |
| STD C/AU-S | 18 | 58 | 39 | 129 | 7.4 | 67 | 29 | 965 | 3.80 | 42 | 17 | 7 | 37 | 46 | 16 | 16 | 22 | 57 | .46 | .075 | 37 | 56 | .84 | 172 | .07 | 36 | 1.82 | .06 | .13 | 13 | 48 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | Au+ PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8+50N 5+60E | 1 | 17 | 5 | 52 | .1 | 6 | 5 | 318 | 2.02 | 7 | 5 | ND | 3 | 26 | 1 | 2 | 3 | 51 | .39 | .018 | 4 | 18 | .27 | 60 | .11 | 2 | 1.08 | .02 | .06 | 1 | 1 |
| 8+50N 5+80E | 2 | 4 | 8 | 87 | .1 | 4 | 3 | 1977 | .92 | 4 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 17 | .37 | .032 | 2 | 6 | .11 | 108 | .04 | 2 | .62 | .02 | .06 | 1 | 1 |
| 8+50N 6+00E | 1 | 19 | 7 | 59 | .1 | 12 | 7 | 387 | 2.25 | 12 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 53 | .34 | .056 | 4 | 19 | .32 | 105 | .12 | 2 | 1.61 | .02 | .03 | 1 | 38 |
| 8+25N 0+60W | 1 | 50 | 3 | 151 | .1 | 12 | 7 | 1626 | 2.46 | 12 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 51 | .37 | .074 | 4 | 20 | .35 | 210 | .11 | 4 | 2.21 | .02 | .05 | 2 | 1 |
| 8+25N 0+55W | 2 | 77 | 11 | 127 | .1 | 12 | 8 | 1449 | 2.89 | 15 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 53 | .32 | .067 | 5 | 20 | .35 | 218 | .10 | 8 | 2.19 | .02 | .07 | 3 | 1 |
| 8+25N 0+50W | 1 | 108 | 4 | 127 | .1 | 12 | 7 | 899 | 2.51 | 10 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 48 | .32 | .052 | 4 | 17 | .30 | 174 | .11 | 2 | 2.01 | .02 | .06 | 1 | 2 |
| 8+25N 0+45W | 2 | 28 | 6 | 170 | .1 | 10 | 6 | 1661 | 2.29 | 11 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 41 | .21 | .066 | 4 | 13 | .22 | 158 | .12 | 2 | 2.08 | .02 | .05 | 1 | 1 |
| 8+25N 0+40W | 2 | 154 | 11 | 164 | .3 | 9 | 8 | 1743 | 3.04 | 15 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 48 | .18 | .084 | 4 | 16 | .23 | 164 | .10 | 2 | 2.19 | .02 | .06 | 1 | 1 |
| 8+25N 0+35W | 2 | 67 | 10 | 123 | .1 | 10 | 7 | 3284 | 2.51 | 9 | 5 | ND | 1 | 17 | 1 | 3 | 2 | 44 | .23 | .059 | 5 | 15 | .23 | 197 | .09 | 2 | 1.76 | .02 | .05 | 1 | 3 |
| 8+25N 0+30W | 2 | 74 | 9 | 113 | .1 | 6 | 5 | 1690 | 2.02 | 9 | 5 | ND | 1 | 10 | 1 | 2 | 3 | 36 | .12 | .065 | 3 | 11 | .17 | 149 | .11 | 2 | 1.76 | .02 | .03 | 1 | 2 |
| 8+25N 0+25W | 2 | 1097 | 8 | 119 | .5 | 5 | 8 | 3166 | 2.70 | 12 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 39 | .21 | .095 | 5 | 11 | .19 | 217 | .06 | 2 | 1.60 | .02 | .05 | 1 | 82 |
| 8+25N 0+20W | 2 | 249 | 10 | 120 | .3 | 11 | 9 | 1908 | 2.67 | 11 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 49 | .28 | .094 | 5 | 17 | .29 | 157 | .09 | 2 | 1.87 | .02 | .05 | 1 | 3 |
| 8+25N 0+15W | 2 | 253 | 2 | 156 | .2 | 11 | 9 | 860 | 3.61 | 13 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 51 | .21 | .123 | 4 | 17 | .26 | 135 | .10 | 7 | 2.29 | .02 | .04 | 6 | 136 |
| 8+25N 0+10W | 1 | 54 | 8 | 102 | .2 | 15 | 8 | 999 | 2.65 | 5 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 58 | .42 | .094 | 5 | 22 | .42 | 155 | .10 | 3 | 1.98 | .02 | .05 | 1 | 5 |
| 8+25N 0+05W | 2 | 40 | 10 | 116 | .2 | 15 | 8 | 1754 | 2.54 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 55 | .41 | .089 | 6 | 22 | .37 | 185 | .10 | 2 | 1.98 | .02 | .05 | 1 | 1 |
| 8+25N 0+00W | 1 | 35 | 9 | 78 | .3 | 13 | 7 | 466 | 2.41 | 10 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 52 | .37 | .088 | 5 | 21 | .34 | 119 | .11 | 2 | 1.78 | .02 | .05 | 1 | 1 |
| 8+00N 3+00W | 1 | 45 | 6 | 61 | .1 | 10 | 6 | 749 | 2.30 | 9 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 48 | .28 | .026 | 9 | 17 | .34 | 139 | .09 | 2 | 1.52 | .02 | .07 | 1 | 1 |
| 8+00N 2+80W | 2 | 157 | 2 | 91 | .1 | 8 | 7 | 1159 | 2.67 | 12 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 48 | .31 | .041 | 4 | 14 | .30 | 267 | .08 | 2 | 1.72 | .02 | .07 | 1 | 13 |
| 8+00N 2+60W | 2 | 29 | 5 | 131 | .1 | 10 | 8 | 2038 | 2.84 | 8 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 53 | .20 | .057 | 5 | 17 | .31 | 355 | .09 | 2 | 2.40 | .02 | .06 | 1 | 1 |
| 8+00N 2+40W | 2 | 50 | 8 | 183 | .1 | 12 | 7 | 2659 | 2.44 | 9 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 45 | .59 | .052 | 5 | 16 | .30 | 402 | .09 | 2 | 1.70 | .02 | .09 | 1 | 2 |
| 8+00N 2+20W | 2 | 43 | 11 | 181 | .1 | 10 | 7 | 3469 | 2.11 | 9 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 41 | .53 | .053 | 4 | 14 | .28 | 385 | .08 | 7 | 1.54 | .02 | .07 | 1 | 1 |
| 8+00N 2+00W | 1 | 42 | 13 | 91 | .2 | 12 | 8 | 1424 | 3.09 | 12 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 60 | .63 | .040 | 8 | 24 | .40 | 231 | .13 | 2 | 2.60 | .02 | .10 | 1 | 1 |
| 8+00N 1+80W | 2 | 48 | 11 | 101 | .1 | 12 | 10 | 1691 | 3.26 | 11 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 69 | .52 | .032 | 9 | 25 | .44 | 245 | .15 | 5 | 2.20 | .02 | .16 | 1 | 2 |
| 8+00N 1+60W | 2 | 18 | 5 | 141 | .1 | 12 | 7 | 2251 | 2.42 | 9 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 53 | .58 | .053 | 4 | 18 | .34 | 296 | .12 | 2 | 1.56 | .02 | .09 | 1 | 1 |
| 8+00N 1+40W | 2 | 26 | 6 | 150 | .1 | 12 | 9 | 3039 | 2.79 | 11 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 62 | .46 | .069 | 5 | 22 | .37 | 232 | .12 | 2 | 2.10 | .02 | .08 | 1 | 1 |
| 8+00N 1+20W | 2 | 24 | 2 | 93 | .1 | 14 | 7 | 946 | 2.37 | 10 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 53 | .39 | .068 | 5 | 19 | .35 | 148 | .11 | 2 | 1.82 | .02 | .05 | 1 | 1 |
| 8+00N 1+00W | 2 | 24 | 3 | 121 | .2 | 14 | 8 | 1092 | 2.50 | 7 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 57 | .35 | .087 | 4 | 19 | .35 | 125 | .11 | 2 | 1.75 | .02 | .05 | 1 | 1 |
| 8+00N 0+80W | 2 | 29 | 10 | 94 | .1 | 13 | 8 | 791 | 2.62 | 9 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 60 | .37 | .055 | 4 | 22 | .40 | 138 | .12 | 2 | 1.80 | .02 | .04 | 1 | 1 |
| 8+00N 0+60W | 2 | 25 | 6 | 93 | .1 | 12 | 7 | 631 | 2.34 | 11 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 51 | .32 | .091 | 4 | 17 | .34 | 140 | .11 | 2 | 1.76 | .02 | .05 | 1 | 1 |
| 8+00N 0+40W | 1 | 35 | 7 | 62 | .2 | 14 | 9 | 368 | 2.81 | 11 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 67 | .43 | .073 | 5 | 24 | .46 | 126 | .13 | 2 | 1.83 | .02 | .06 | 1 | 3 |
| 8+00N 0+20W | 2 | 53 | 11 | 107 | .3 | 16 | 8 | 913 | 2.58 | 10 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 56 | .33 | .125 | 4 | 20 | .35 | 129 | .11 | 5 | 1.93 | .02 | .05 | 1 | 1 |
| 8+00N 0+00W | 2 | 23 | 8 | 92 | .1 | 13 | 9 | 499 | 2.56 | 10 | 5 | ND | 1 | 23 | 1 | 3 | 2 | 55 | .33 | .133 | 4 | 20 | .35 | 120 | .11 | 2 | 1.86 | .02 | .05 | 1 | 1 |
| 8+00N 0+20E | 1 | 23 | 10 | 71 | .2 | 14 | 8 | 511 | 2.50 | 8 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 57 | .35 | .086 | 4 | 20 | .36 | 121 | .12 | 3 | 1.62 | .02 | .04 | 1 | 1 |
| 8+00N 0+40E | 1 | 33 | 9 | 51 | .2 | 11 | 7 | 388 | 2.38 | 7 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 50 | .35 | .053 | 5 | 19 | .33 | 140 | .10 | 2 | 1.70 | .02 | .04 | 1 | 1 |
| 8+00N 0+60E | 1 | 27 | 8 | 50 | .1 | 10 | 7 | 206 | 2.42 | 10 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 52 | .35 | .061 | 4 | 18 | .33 | 142 | .11 | 2 | 1.74 | .02 | .04 | 1 | 1 |
| 8+00N 0+80E | 2 | 73 | 9 | 78 | .2 | 12 | 9 | 1051 | 2.83 | 10 | 5 | ND | 2 | 35 | 1 | 3 | 2 | 57 | .77 | .049 | 8 | 22 | .43 | 245 | .11 | 3 | 2.15 | .02 | .07 | 1 | 3 |
| STD C/AU-S | 18 | 57 | 39 | 128 | 7.3 | 68 | 28 | 1009 | 3.92 | 42 | 19 | 7 | 36 | 46 | 16 | 16 | 19 | 57 | .47 | .079 | 35 | 55 | .86 | 174 | .07 | 34 | 1.70 | .06 | .12 | 12 | 53 |

| SAMPLE# | MO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SR PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P % | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K % | W PPM | AU* PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8+00N 1+00E | 1 | 24 | 2 | 54 | .1 | 12 | 7 | 401 | 2.55 | 6 | 5 | ND | 4 | 24 | 1 | 2 | 2 | 60 | .36 | .044 | 6 | 24 | .35 | 121 | .14 | 2 | 1.82 | .02 | .04 | 1 | 1 |
| 8+00N 1+20E | 1 | 10 | 5 | 61 | .1 | 9 | 7 | 804 | 2.52 | 2 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 60 | .41 | .058 | 4 | 21 | .35 | 145 | .15 | 3 | 1.59 | .02 | .05 | 1 | 1 |
| 8+00N 1+40E | 1 | 12 | 2 | 38 | .1 | 9 | 8 | 486 | 2.43 | 2 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 62 | .44 | .030 | 4 | 20 | .35 | 76 | .16 | 2 | 1.35 | .02 | .05 | 1 | 1 |
| 8+00N 1+60E | 1 | 25 | 4 | 53 | .1 | 12 | 6 | 483 | 2.22 | 7 | 5 | ND | 1 | 28 | 1 | 4 | 2 | 53 | .41 | .026 | 7 | 20 | .34 | 101 | .14 | 2 | 1.67 | .03 | .04 | 2 | 1 |
| 8+00N 1+80E | 1 | 21 | 8 | 73 | .1 | 10 | 8 | 870 | 2.60 | 8 | 5 | ND | 1 | 25 | 1 | 3 | 2 | 57 | .43 | .053 | 4 | 21 | .36 | 102 | .13 | 2 | 1.34 | .02 | .08 | 1 | 3 |
| 8+00N 2+00E | 1 | 47 | 7 | 44 | .1 | 14 | 8 | 377 | 3.09 | 6 | 5 | ND | 3 | 38 | 1 | 2 | 2 | 82 | .59 | .034 | 8 | 30 | .52 | 100 | .19 | 3 | 1.65 | .02 | .07 | 1 | 1 |
| 8+00N 2+20E | 1 | 11 | 2 | 78 | .1 | 9 | 7 | 901 | 2.27 | 2 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 56 | .48 | .044 | 4 | 19 | .32 | 123 | .15 | 2 | 1.37 | .02 | .05 | 1 | 1 |
| 8+00N 2+40E | 2 | 17 | 5 | 120 | .1 | 13 | 8 | 2333 | 2.45 | 7 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 54 | .48 | .072 | 5 | 23 | .37 | 199 | .13 | 2 | 2.01 | .02 | .06 | 1 | 2 |
| 8+00N 2+60E | 2 | 73 | 9 | 158 | .1 | 22 | 8 | 2438 | 2.53 | 10 | 5 | ND | 2 | 75 | 1 | 2 | 2 | 46 | .80 | .071 | 21 | 26 | .49 | 273 | .09 | 5 | 2.91 | .02 | .08 | 2 | 2 |
| 8+00N 2+80E | 1 | 25 | 5 | 98 | .1 | 12 | 8 | 2021 | 2.47 | 4 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 57 | .54 | .037 | 6 | 23 | .38 | 215 | .14 | 2 | 1.97 | .02 | .13 | 1 | 1 |
| 8+00N 3+00E | 1 | 28 | 4 | 103 | .1 | 16 | 11 | 1813 | 2.83 | 7 | 5 | ND | 2 | 36 | 1 | 3 | 2 | 66 | .47 | .038 | 7 | 23 | .37 | 196 | .14 | 2 | 2.56 | .03 | .06 | 1 | 10 |
| 8+00N 3+20E | 1 | 42 | 9 | 53 | .1 | 16 | 10 | 464 | 3.15 | 5 | 5 | ND | 3 | 39 | 1 | 2 | 3 | 79 | .47 | .065 | 8 | 29 | .52 | 128 | .16 | 3 | 2.13 | .02 | .06 | 1 | 1 |
| 8+00N 3+40E | 2 | 38 | 4 | 119 | .1 | 15 | 9 | 1194 | 2.93 | 6 | 5 | ND | 2 | 25 | 1 | 2 | 3 | 65 | .32 | .098 | 7 | 27 | .43 | 153 | .15 | 2 | 2.73 | .02 | .07 | 1 | 2 |
| 8+00N 3+60E | 1 | 30 | 5 | 103 | .1 | 13 | 8 | 1124 | 2.79 | 8 | 5 | ND | 2 | 16 | 1 | 2 | 2 | 59 | .21 | .089 | 5 | 21 | .35 | 107 | .15 | 2 | 2.98 | .02 | .04 | 2 | 2 |
| 8+00N 3+80E | 1 | 27 | 10 | 78 | .1 | 14 | 9 | 585 | 2.91 | 4 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 71 | .61 | .102 | 4 | 25 | .50 | 119 | .14 | 2 | 2.01 | .02 | .09 | 1 | 1 |
| 8+00N 4+00E | 1 | 31 | 2 | 80 | .1 | 12 | 10 | 537 | 2.94 | 5 | 5 | ND | 1 | 30 | 1 | 3 | 2 | 67 | .45 | .119 | 5 | 23 | .45 | 102 | .13 | 2 | 1.82 | .02 | .06 | 1 | 1 |
| 8+00N 4+20E | 1 | 41 | 7 | 76 | .1 | 13 | 7 | 319 | 2.49 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 57 | .30 | .079 | 6 | 22 | .38 | 118 | .13 | 2 | 2.06 | .02 | .04 | 1 | 1 |
| 8+00N 4+40E | 1 | 21 | 3 | 74 | .1 | 13 | 7 | 371 | 2.44 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 57 | .49 | .071 | 5 | 21 | .39 | 91 | .14 | 2 | 1.73 | .02 | .05 | 1 | 1 |
| 8+00N 4+60E | 1 | 55 | 10 | 126 | .1 | 20 | 9 | 1395 | 2.83 | 5 | 5 | ND | 3 | 50 | 1 | 2 | 2 | 57 | .54 | .073 | 11 | 28 | .52 | 197 | .12 | 2 | 3.05 | .02 | .07 | 1 | 2 |
| 8+00N 4+80E | 1 | 50 | 10 | 159 | .3 | 17 | 9 | 1253 | 2.88 | 4 | 5 | ND | 2 | 43 | 1 | 2 | 2 | 61 | .46 | .073 | 15 | 28 | .47 | 205 | .13 | 4 | 2.56 | .03 | .06 | 1 | 2 |
| 8+00N 5+00E | 2 | 33 | 21 | 163 | 1.5 | 16 | 10 | 770 | 3.06 | 7 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 66 | .25 | .083 | 6 | 23 | .40 | 113 | .17 | 2 | 2.90 | .02 | .04 | 1 | 1 |
| 8+00N 5+20E | 1 | 128 | 11 | 136 | .3 | 18 | 9 | 1543 | 2.73 | 6 | 5 | ND | 1 | 41 | 1 | 2 | 2 | 58 | .48 | .051 | 24 | 27 | .50 | 289 | .12 | 2 | 2.86 | .03 | .05 | 2 | 1 |
| 8+00N 5+40E | 2 | 23 | 19 | 204 | .3 | 16 | 9 | 3766 | 2.77 | 8 | 5 | ND | 1 | 28 | 2 | 2 | 2 | 53 | .34 | .069 | 7 | 20 | .36 | 390 | .13 | 2 | 2.82 | .02 | .06 | 2 | 1 |
| 8+00N 5+60E | 1 | 25 | 10 | 100 | .1 | 16 | 8 | 595 | 2.42 | 5 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 50 | .34 | .108 | 7 | 21 | .33 | 165 | .13 | 2 | 2.37 | .02 | .07 | 1 | 1 |
| 8+00N 5+80E | 1 | 21 | 7 | 83 | .1 | 13 | 8 | 461 | 2.46 | 7 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 54 | .35 | .126 | 4 | 20 | .30 | 119 | .14 | 2 | 1.98 | .02 | .08 | 2 | 1 |
| 8+00N 6+00E | 1 | 20 | 8 | 48 | .1 | 11 | 6 | 313 | 2.38 | 3 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 60 | .38 | .061 | 5 | 22 | .33 | 103 | .14 | 2 | 1.47 | .02 | .04 | 2 | 1 |
| 7+50N 3+00W | 1 | 71 | 9 | 88 | .2 | 19 | 8 | 1133 | 2.81 | 9 | 5 | ND | 2 | 54 | 1 | 2 | 3 | 57 | .68 | .070 | 15 | 27 | .49 | 192 | .11 | 2 | 2.47 | .02 | .08 | 1 | 2 |
| 7+50N 2+80W | 1 | 42 | 10 | 91 | .1 | 13 | 8 | 1345 | 2.99 | 4 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 65 | .42 | .037 | 8 | 22 | .47 | 162 | .15 | 5 | 1.85 | .02 | .09 | 1 | 1 |
| 7+50N 2+60W | 1 | 13 | 10 | 56 | .1 | 9 | 6 | 438 | 2.17 | 5 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 54 | .35 | .021 | 5 | 17 | .30 | 100 | .15 | 2 | 1.22 | .02 | .05 | 1 | 1 |
| 7+50N 2+40W | 1 | 42 | 13 | 100 | .2 | 15 | 7 | 1465 | 2.43 | 7 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 56 | .52 | .040 | 17 | 23 | .36 | 188 | .12 | 2 | 1.86 | .02 | .08 | 1 | 1 |
| 7+50N 2+20W | 1 | 18 | 11 | 53 | .1 | 10 | 7 | 760 | 2.29 | 4 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 56 | .49 | .026 | 5 | 19 | .31 | 136 | .14 | 2 | 1.27 | .02 | .08 | 1 | 1 |
| 7+50N 2+00W | 1 | 29 | 5 | 77 | .2 | 11 | 8 | 997 | 2.72 | 4 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 65 | .48 | .021 | 7 | 23 | .42 | 150 | .17 | 9 | 1.64 | .02 | .13 | 1 | 1 |
| 7+50N 1+80W | 2 | 26 | 10 | 211 | .1 | 11 | 7 | 2184 | 2.36 | 5 | 5 | ND | 2 | 46 | 1 | 2 | 2 | 53 | .62 | .036 | 6 | 21 | .34 | 239 | .14 | 9 | 1.83 | .02 | .12 | 1 | 1 |
| 7+50N 1+60W | 2 | 19 | 7 | 219 | .1 | 11 | 5 | 3973 | 1.94 | 8 | 5 | ND | 2 | 51 | 1 | 2 | 2 | 35 | .70 | .062 | 6 | 16 | .24 | 390 | .11 | 2 | 2.19 | .02 | .09 | 1 | 1 |
| 7+50N 1+40W | 1 | 48 | 3 | 103 | .1 | 14 | 9 | 1131 | 3.21 | 7 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 72 | .51 | .060 | 7 | 27 | .49 | 184 | .17 | 5 | 3.15 | .02 | .09 | 1 | 14 |
| 7+50N 1+00W | 1 | 19 | 12 | 102 | .2 | 11 | 7 | 907 | 2.13 | 6 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 53 | .33 | .061 | 4 | 20 | .33 | 126 | .14 | 2 | 1.67 | .02 | .05 | 1 | 1 |
| STD C/AU-S | 20 | 60 | 39 | 135 | 7.5 | 72 | 29 | 1064 | 3.92 | 40 | 20 | 8 | 39 | 52 | 19 | 18 | 23 | 60 | .46 | .091 | 40 | 61 | .87 | 181 | .09 | 38 | 1.86 | .07 | .14 | 13 | 52 |

| 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 |
| 7+50N 1+00W | 1 | 30 | 14 | 98 | .1 | 11 | 8 | 1337 | 2.93 | 4 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 68 | .47 | .074 | 6 | 22 | .41 | 165 | .15 | 2 | 2.29 | .02 | .04 | 1 | 1 |
| 7+50N 0+80W | 1 | 38 | 9 | 113 | .1 | 7 | 6 | 1663 | 2.44 | 2 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 50 | .46 | .099 | 5 | 18 | .38 | 152 | .10 | 2 | 1.93 | .01 | .06 | 1 | 2 |
| 7+50N 0+60W | 1 | 50 | 9 | 79 | .1 | 11 | 9 | 1079 | 3.14 | 7 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 74 | .48 | .071 | 5 | 25 | .47 | 140 | .15 | 2 | 2.20 | .02 | .04 | 1 | 1 |
| 7+50N 0+40W | 1 | 60 | 5 | 110 | .2 | 14 | 9 | 1187 | 3.11 | 5 | 5 | ND | 3 | 26 | 1 | 2 | 2 | 69 | .43 | .078 | 5 | 23 | .46 | 159 | .14 | 2 | 2.35 | .02 | .05 | 1 | 8 |
| 7+50N 0+20W | 1 | 100 | 6 | 120 | .3 | 13 | 9 | 1875 | 3.12 | 5 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 62 | .45 | .101 | 8 | 23 | .46 | 196 | .12 | 3 | 2.61 | .02 | .07 | 1 | 1 |
| 7+50N 0+00W | 1 | 26 | 8 | 126 | .2 | 10 | 7 | 1229 | 2.51 | 6 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 50 | .45 | .100 | 4 | 13 | .32 | 241 | .11 | 2 | 2.03 | .02 | .08 | 1 | 1 |
| 7+50N 0+20E | 1 | 25 | 9 | 74 | .1 | 11 | 8 | 942 | 2.78 | 7 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 63 | .42 | .056 | 4 | 20 | .42 | 145 | .15 | 2 | 2.22 | .02 | .04 | 1 | 1 |
| 7+50N 0+40E | 1 | 70 | 7 | 69 | .3 | 14 | 10 | 863 | 3.26 | 6 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 74 | .42 | .083 | 6 | 25 | .49 | 149 | .14 | 2 | 2.29 | .02 | .05 | 1 | 1 |
| 7+50N 0+60E | 1 | 23 | 8 | 50 | .2 | 12 | 7 | 459 | 2.63 | 8 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 62 | .47 | .086 | 4 | 17 | .38 | 103 | .11 | 5 | 1.56 | .02 | .06 | 1 | 1 |
| 7+50N 0+80E | 1 | 60 | 7 | 60 | .2 | 12 | 8 | 471 | 2.98 | 8 | 5 | ND | 1 | 37 | 1 | 3 | 2 | 65 | .69 | .053 | 10 | 25 | .51 | 209 | .11 | 2 | 2.14 | .02 | .06 | 1 | 1 |
| 7+50N 1+00E | 1 | 77 | 14 | 37 | .3 | 12 | 10 | 503 | 3.31 | 4 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 67 | .79 | .019 | 21 | 26 | .48 | 347 | .12 | 3 | 2.55 | .02 | .08 | 1 | 2 |
| 7+50N 1+20E | 1 | 51 | 7 | 53 | .2 | 10 | 8 | 660 | 2.78 | 9 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 59 | .41 | .042 | 9 | 21 | .42 | 149 | .11 | 2 | 2.31 | .02 | .05 | 1 | 1 |
| 7+50N 1+40E | 1 | 25 | 13 | 82 | .2 | 9 | 6 | 2348 | 2.27 | 3 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 45 | .42 | .053 | 5 | 17 | .31 | 182 | .10 | 15 | 2.06 | .02 | .09 | 1 | 8 |
| 7+50N 1+60E | 1 | 25 | 10 | 46 | .1 | 10 | 7 | 325 | 2.63 | 6 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 65 | .46 | .029 | 5 | 21 | .40 | 86 | .15 | 2 | 1.45 | .02 | .04 | 1 | 1 |
| 7+50N 1+80E | 1 | 25 | 13 | 52 | .1 | 8 | 8 | 757 | 2.88 | 9 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 68 | .43 | .038 | 5 | 22 | .42 | 118 | .14 | 4 | 1.65 | .01 | .06 | 2 | 1 |
| 7+50N 2+00E | 1 | 23 | 8 | 55 | .1 | 9 | 8 | 650 | 3.13 | 7 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 71 | .46 | .024 | 5 | 21 | .49 | 120 | .15 | 2 | 1.75 | .02 | .09 | 1 | 1 |
| 7+50N 2+20E | 1 | 15 | 11 | 48 | .2 | 7 | 6 | 445 | 2.47 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 61 | .54 | .019 | 4 | 18 | .35 | 108 | .16 | 2 | 1.48 | .02 | .09 | 1 | 1 |
| 7+50N 2+40E | 1 | 19 | 4 | 80 | .1 | 12 | 7 | 571 | 2.87 | 5 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 67 | .47 | .064 | 4 | 22 | .46 | 102 | .15 | 5 | 1.74 | .02 | .07 | 1 | 3 |
| 7+50N 2+60E | 1 | 44 | 8 | 72 | .1 | 13 | 5 | 266 | 2.11 | 10 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 42 | .38 | .034 | 7 | 20 | .42 | 158 | .13 | 2 | 2.54 | .03 | .05 | 1 | 1 |
| 7+50N 2+80E | 1 | 26 | 14 | 91 | .1 | 12 | 6 | 371 | 2.55 | 5 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 59 | .45 | .045 | 7 | 19 | .42 | 109 | .13 | 2 | 1.73 | .02 | .05 | 1 | 3 |
| 7+50N 3+00E | 1 | 24 | 9 | 55 | .1 | 9 | 8 | 521 | 2.83 | 3 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 70 | .43 | .039 | 4 | 21 | .39 | 89 | .14 | 2 | 1.46 | .02 | .06 | 1 | 7 |
| 7+50N 3+20E | 2 | 27 | 15 | 176 | .2 | 9 | 6 | 1869 | 2.56 | 8 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 42 | .25 | .186 | 6 | 12 | .22 | 243 | .12 | 2 | 2.52 | .03 | .06 | 1 | 1 |
| 7+50N 3+40E | 1 | 32 | 8 | 112 | .1 | 11 | 7 | 1540 | 2.41 | 9 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 47 | .43 | .048 | 5 | 15 | .30 | 239 | .10 | 2 | 1.67 | .02 | .06 | 1 | 1 |
| 7+50N 3+60E | 2 | 29 | 13 | 188 | .2 | 9 | 9 | 3538 | 2.58 | 6 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 58 | .36 | .106 | 6 | 16 | .31 | 212 | .13 | 2 | 2.30 | .02 | .04 | 1 | 1 |
| 7+50N 3+80E | 1 | 42 | 13 | 120 | .1 | 17 | 11 | 1264 | 3.43 | 5 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 72 | .36 | .070 | 6 | 24 | .54 | 178 | .14 | 2 | 2.93 | .02 | .05 | 1 | 1 |
| 7+50N 4+00E | 1 | 42 | 14 | 112 | .3 | 12 | 10 | 1111 | 3.06 | 7 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 64 | .34 | .102 | 5 | 23 | .46 | 134 | .13 | 2 | 2.64 | .02 | .05 | 1 | 1 |
| 7+50N 4+20E | 1 | 35 | 11 | 73 | .1 | 15 | 9 | 483 | 3.04 | 8 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 69 | .40 | .091 | 6 | 23 | .46 | 109 | .15 | 2 | 2.30 | .02 | .05 | 1 | 1 |
| 7+50N 4+40E | 1 | 23 | 11 | 72 | .1 | 13 | 8 | 542 | 2.61 | 6 | 5 | ND | 2 | 24 | 1 | 2 | 2 | 58 | .34 | .103 | 4 | 19 | .36 | 91 | .13 | 2 | 1.95 | .02 | .04 | 1 | 1 |
| 7+50N 4+60E | 1 | 39 | 7 | 107 | .2 | 16 | 8 | 598 | 2.91 | 8 | 5 | ND | 2 | 23 | 1 | 2 | 2 | 60 | .29 | .111 | 6 | 22 | .40 | 131 | .14 | 4 | 2.73 | .03 | .04 | 1 | 1 |
| 7+50N 4+80E | 1 | 40 | 12 | 96 | .1 | 16 | 9 | 683 | 2.80 | 5 | 5 | ND | 3 | 27 | 1 | 2 | 2 | 58 | .33 | .072 | 6 | 23 | .43 | 129 | .14 | 2 | 2.78 | .02 | .06 | 1 | 1 |
| 7+50N 5+00E | 1 | 26 | 6 | 79 | .1 | 14 | 8 | 404 | 3.15 | 8 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 75 | .41 | .029 | 5 | 24 | .48 | 119 | .17 | 4 | 2.13 | .02 | .05 | 1 | 1 |
| 7+50N 5+20E | 1 | 29 | 8 | 114 | .1 | 13 | 11 | 1456 | 3.21 | 4 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 71 | .36 | .054 | 7 | 24 | .45 | 195 | .13 | 2 | 2.49 | .02 | .05 | 1 | 1 |
| 7+50N 5+40E | 1 | 27 | 6 | 74 | .2 | 11 | 7 | 284 | 2.94 | 8 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 64 | .22 | .080 | 4 | 18 | .33 | 72 | .14 | 2 | 2.54 | .02 | .03 | 1 | 1 |
| 7+50N 5+60E | 1 | 30 | 13 | 73 | .2 | 13 | 8 | 595 | 2.93 | 8 | 5 | ND | 3 | 28 | 1 | 2 | 2 | 66 | .35 | .064 | 5 | 23 | .43 | 116 | .15 | 2 | 2.41 | .02 | .04 | 1 | 2 |
| 7+50N 5+80E | 1 | 53 | 10 | 93 | .2 | 18 | 8 | 801 | 2.99 | 6 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 61 | .47 | .067 | 10 | 26 | .50 | 148 | .12 | 4 | 2.66 | .02 | .05 | 1 | 1 |
| 7+50N 6+00E | 1 | 28 | 12 | 70 | .1 | 15 | 7 | 483 | 2.57 | 8 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 53 | .31 | .083 | 5 | 21 | .36 | 114 | .13 | 2 | 2.29 | .02 | .06 | 1 | 1 |
| STD C/AU-S | 18 | 58 | 39 | 127 | 6.8 | 68 | 29 | 1016 | 3.99 | 38 | 18 | 7 | 36 | 47 | 16 | 16 | 20 | 58 | .48 | .079 | 35 | 55 | .88 | 174 | .08 | 35 | 1.80 | .06 | .12 | 12 | 53 |

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# 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 LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 3 1987 DATE REPORT MAILED: Sept 12/87 ASSAYER..D. Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

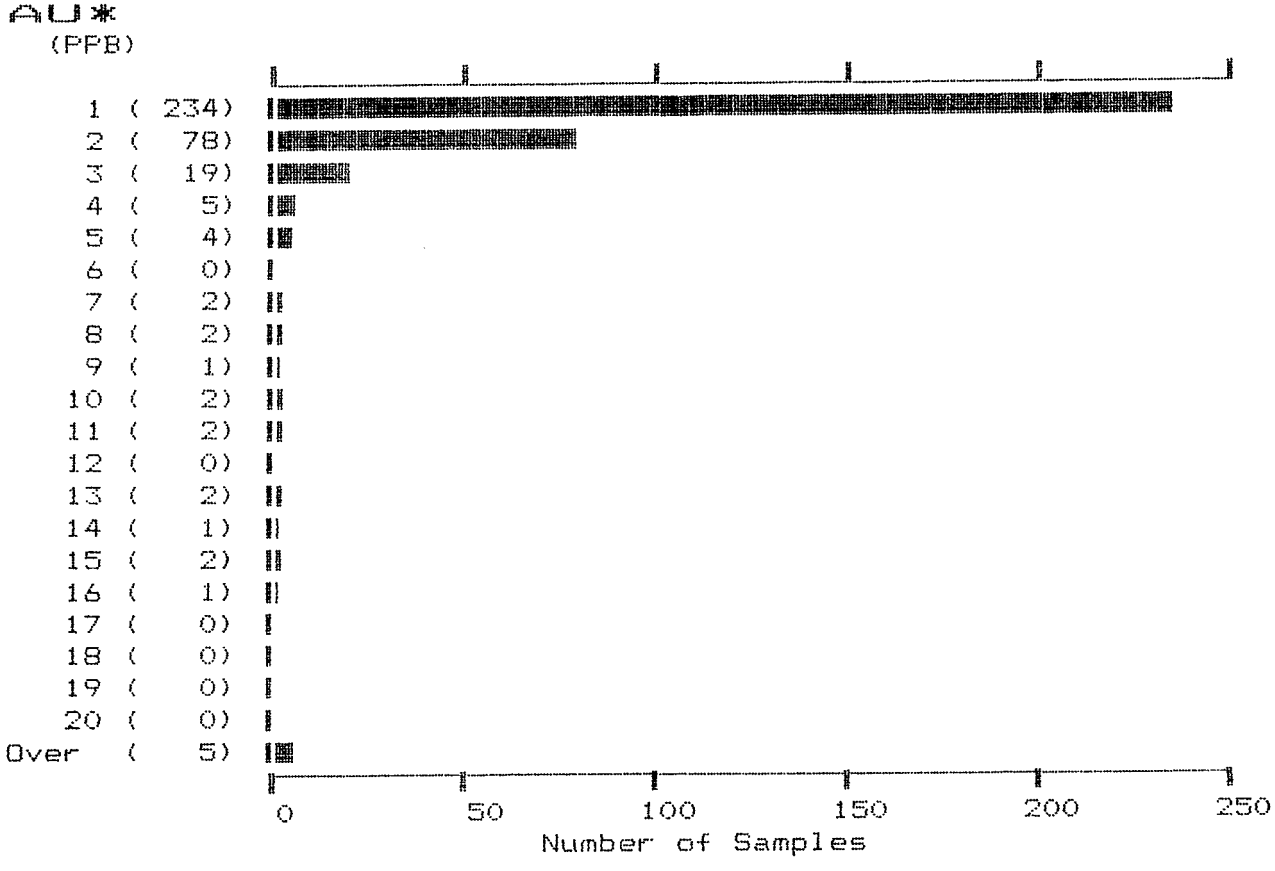
GOLDEN DYNASTY PROJECT-IRON MTN File # 87-3871

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7+00N 0+20E | 1 | 33 | 10 | 92 | .1 | 15 | 8 | 1340 | 2.62 | 4 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 57 | .41 | .087 | 4 | 21 | .43 | 138 | .13 | 2 | 2.17 | .03 | .06 | 1 | 1 |
| 7+00N 0+40E | 1 | 34 | 8 | 114 | .2 | 15 | 8 | 1963 | 2.76 | 4 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 62 | .38 | .077 | 4 | 21 | .42 | 149 | .12 | 3 | 2.08 | .03 | .05 | 1 | 1 |
| 7+00N 0+60E | 1 | 29 | 9 | 96 | .3 | 16 | 8 | 882 | 2.67 | 2 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 53 | .34 | .111 | 5 | 19 | .41 | 152 | .12 | 2 | 2.36 | .03 | .06 | 1 | 1 |
| 7+00N 0+80E | 1 | 106 | 10 | 137 | .5 | 30 | 10 | 2542 | 3.64 | 6 | 5 | ND | 5 | 80 | 1 | 2 | 2 | 56 | .93 | .074 | 30 | 39 | .79 | 406 | .08 | 2 | 4.93 | .04 | .12 | 1 | 1 |
| 7+00N 1+00E | 1 | 40 | 10 | 80 | .1 | 14 | 8 | 789 | 2.90 | 2 | 5 | ND | 2 | 38 | 1 | 4 | 2 | 68 | .49 | .055 | 6 | 24 | .47 | 183 | .14 | 2 | 1.77 | .03 | .08 | 1 | 2 |
| 7+00N 1+20E | 1 | 25 | 11 | 71 | .1 | 12 | 7 | 696 | 2.57 | 2 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 61 | .47 | .034 | 5 | 20 | .41 | 191 | .13 | 3 | 1.61 | .03 | .06 | 1 | 1 |
| 7+00N 1+40E | 1 | 45 | 10 | 83 | .2 | 14 | 7 | 1796 | 2.43 | 3 | 5 | ND | 1 | 50 | 1 | 3 | 2 | 51 | .52 | .040 | 14 | 20 | .42 | 211 | .09 | 2 | 2.04 | .03 | .06 | 1 | 1 |
| 7+00N 1+60E | 1 | 47 | 8 | 76 | .2 | 15 | 6 | 666 | 2.38 | 4 | 5 | ND | 2 | 36 | 1 | 2 | 2 | 48 | .42 | .030 | 7 | 21 | .44 | 129 | .11 | 2 | 2.19 | .03 | .05 | 1 | 1 |
| 7+00N 1+80E | 1 | 24 | 6 | 89 | .1 | 13 | 7 | 876 | 2.63 | 2 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 59 | .39 | .058 | 4 | 20 | .39 | 146 | .12 | 2 | 1.73 | .03 | .07 | 1 | 1 |
| 7+00N 2+00E | 1 | 39 | 9 | 116 | .1 | 15 | 8 | 1140 | 3.07 | 2 | 5 | ND | 2 | 30 | 1 | 4 | 2 | 57 | .36 | .053 | 6 | 19 | .37 | 271 | .11 | 2 | 3.40 | .03 | .07 | 1 | 2 |
| 7+00N 2+20E | 1 | 14 | 8 | 58 | .1 | 11 | 6 | 441 | 2.35 | 3 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 55 | .35 | .048 | 4 | 17 | .32 | 92 | .13 | 2 | 1.48 | .02 | .05 | 1 | 1 |
| 7+00N 2+40E | 1 | 24 | 6 | 92 | .1 | 14 | 8 | 1138 | 2.76 | 6 | 5 | ND | 2 | 38 | 1 | 2 | 2 | 64 | .48 | .060 | 5 | 22 | .44 | 150 | .14 | 2 | 1.89 | .03 | .07 | 1 | 1 |
| 7+00N 2+60E | 1 | 17 | 9 | 64 | .1 | 12 | 6 | 494 | 2.23 | 5 | 5 | ND | 2 | 31 | 1 | 2 | 2 | 50 | .36 | .084 | 4 | 18 | .32 | 111 | .11 | 2 | 1.40 | .02 | .04 | 1 | 1 |
| 7+00N 2+80E | 1 | 21 | 11 | 113 | .1 | 13 | 7 | 988 | 2.42 | 2 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 54 | .36 | .060 | 4 | 19 | .34 | 160 | .12 | 2 | 1.90 | .03 | .06 | 1 | 1 |
| 7+00N 3+00E | 4 | 15 | 16 | 489 | .1 | 8 | 11 | 8063 | 3.98 | 4 | 5 | ND | 2 | 27 | 8 | 2 | 2 | 43 | .62 | .169 | 7 | 13 | .64 | 416 | .04 | 3 | 1.85 | .03 | .14 | 2 | 1 |
| 7+00N 3+20E | 1 | 25 | 9 | 86 | .1 | 13 | 8 | 914 | 2.68 | 3 | 5 | ND | 3 | 36 | 1 | 2 | 2 | 63 | .45 | .043 | 5 | 22 | .41 | 144 | .14 | 2 | 2.06 | .03 | .07 | 1 | 2 |
| 7+00N 3+40E | 2 | 27 | 15 | 191 | .1 | 14 | 8 | 1868 | 2.82 | 5 | 5 | ND | 2 | 21 | 1 | 2 | 2 | 60 | .29 | .072 | 4 | 21 | .36 | 115 | .13 | 2 | 2.24 | .02 | .06 | 1 | 1 |
| 7+00N 3+60E | 1 | 26 | 11 | 116 | .1 | 17 | 7 | 647 | 2.54 | 5 | 5 | ND | 3 | 25 | 1 | 2 | 2 | 51 | .30 | .070 | 5 | 21 | .36 | 133 | .12 | 2 | 2.49 | .03 | .05 | 1 | 2 |
| 7+00N 3+80E | 1 | 30 | 10 | 128 | .1 | 18 | 8 | 987 | 2.86 | 3 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 61 | .38 | .115 | 6 | 24 | .48 | 133 | .13 | 3 | 2.38 | .03 | .08 | 1 | 1 |
| 7+00N 4+00E | 1 | 29 | 12 | 99 | .1 | 17 | 8 | 898 | 2.76 | 5 | 5 | ND | 3 | 32 | 1 | 2 | 2 | 59 | .40 | .086 | 6 | 24 | .50 | 124 | .13 | 2 | 2.44 | .03 | .07 | 1 | 1 |
| STD C/AU-S | 19 | 59 | 42 | 132 | 7.4 | 71 | 28 | 1048 | 4.05 | 41 | 19 | 8 | 39 | 51 | 18 | 15 | 20 | 58 | .49 | .089 | 38 | 58 | .89 | 183 | .08 | 33 | 1.87 | .08 | .13 | 13 | 52 |

# APPENDIX B

## STATISTICAL PLOTS OF GEOCHEMICAL DATA

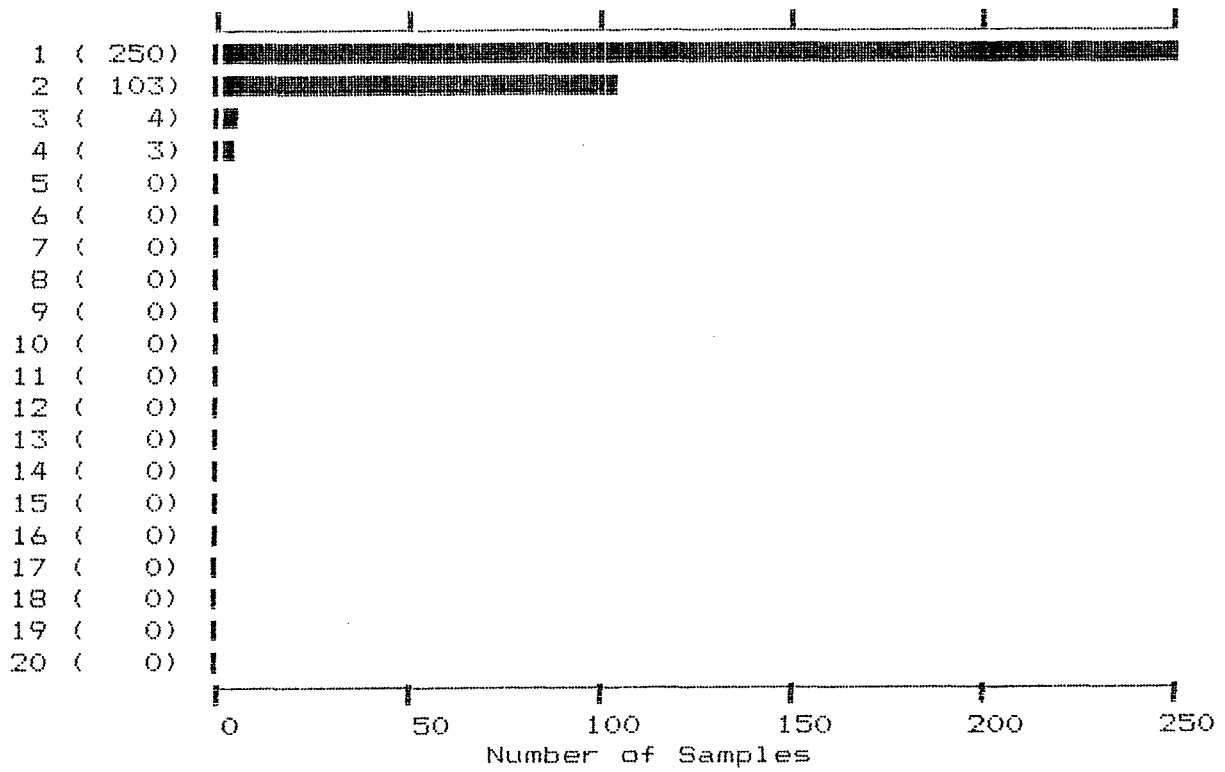
# GOLDEN DYNASTY RES. (87-3482)




| | | | |
|---|---|---|---|
| 360 Samples | Maximum: | 136 | Mean: 3 |
| | Minimum: | 1 | Median: 1 |
| | | | Standard Deviation: 10 |

# GOLDEN DYNASTY RES. (87-3482)

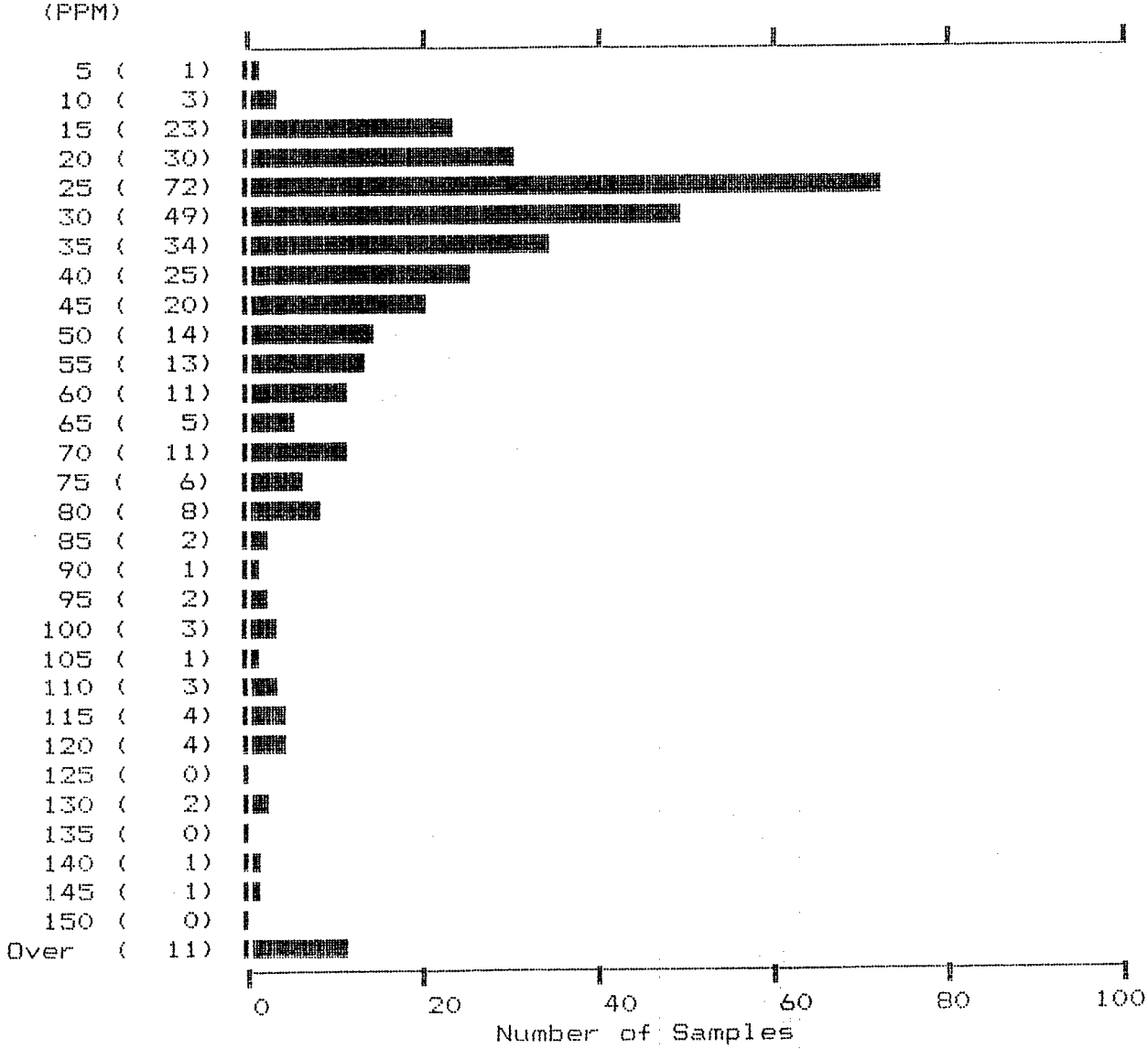
MO
(PPM)




| | | | |
|---|---|---|---|
| 360 Samples | Maximum: | 4 | Mean: 1 |
| | Minimum: | 1 | Median: 1 |
| | | | Standard Deviation: 1 |

# GOLDEN DYNASTY RES. (87-3482)

CU
(PPM)

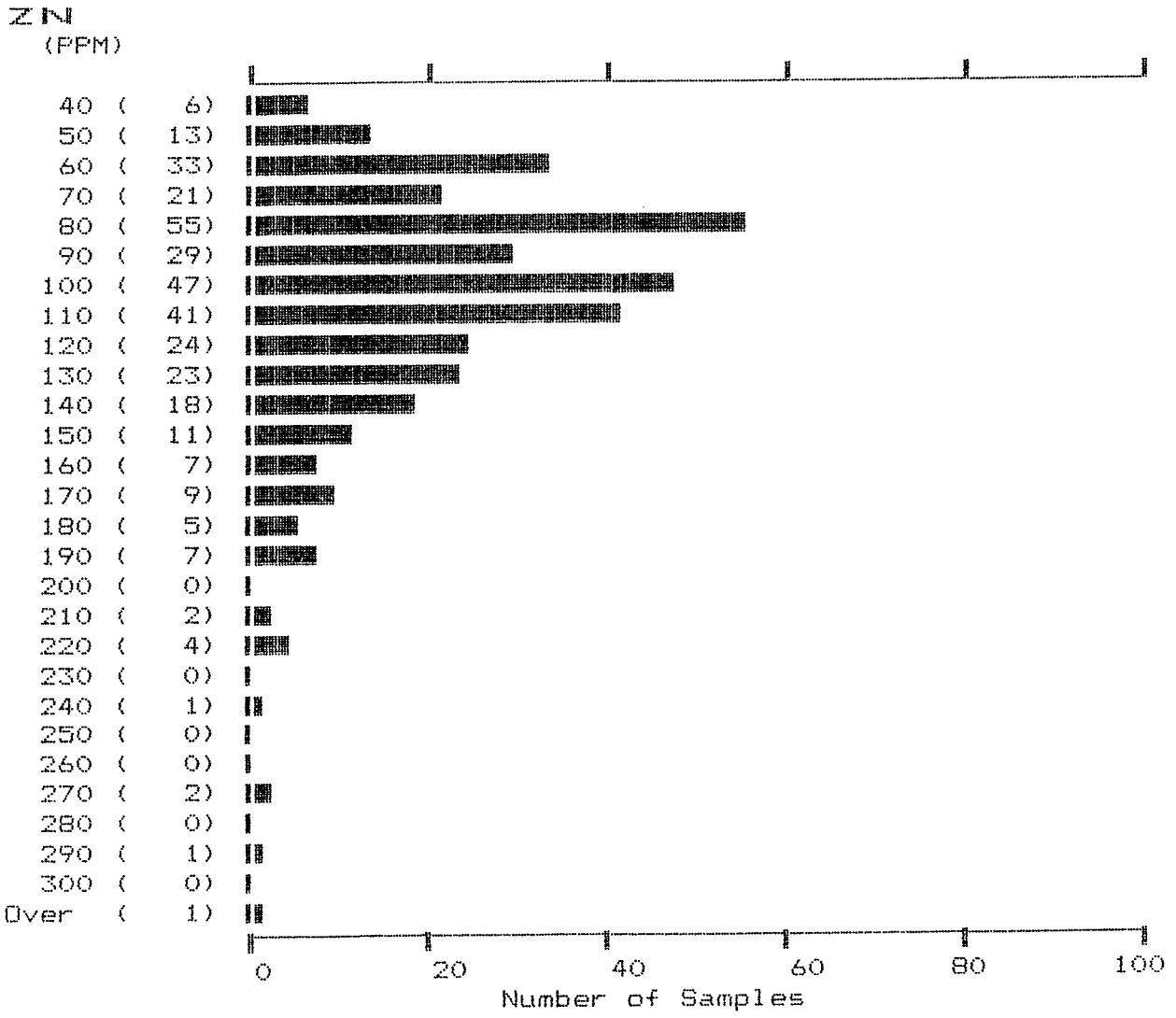



360 Samples

Maximum: 1097
Minimum: 4

Mean: 47
Median: 31
Standard Deviation: 68

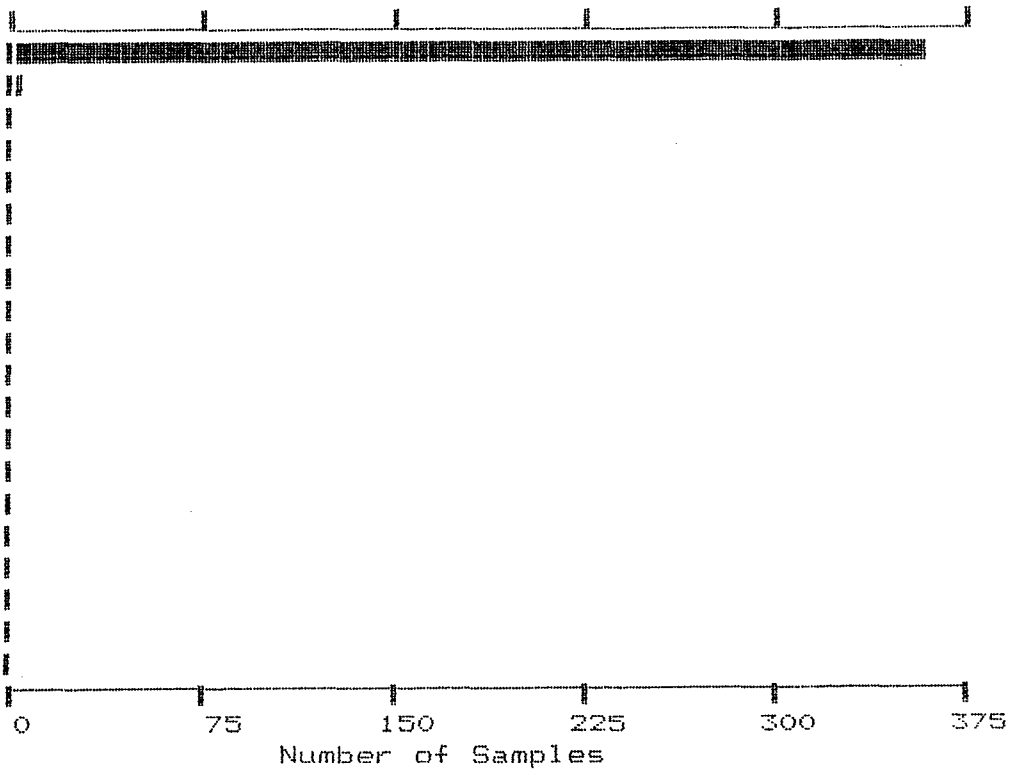
# GOLDEN DYNASTY RES. (87-3482)




| | | | |
|---|---|---|---|
| 360 Samples | Maximum: | 316 | Mean: 101 |
| | Minimum: | 34 | Median: 95 |
| | | | Standard Deviation: 42 |

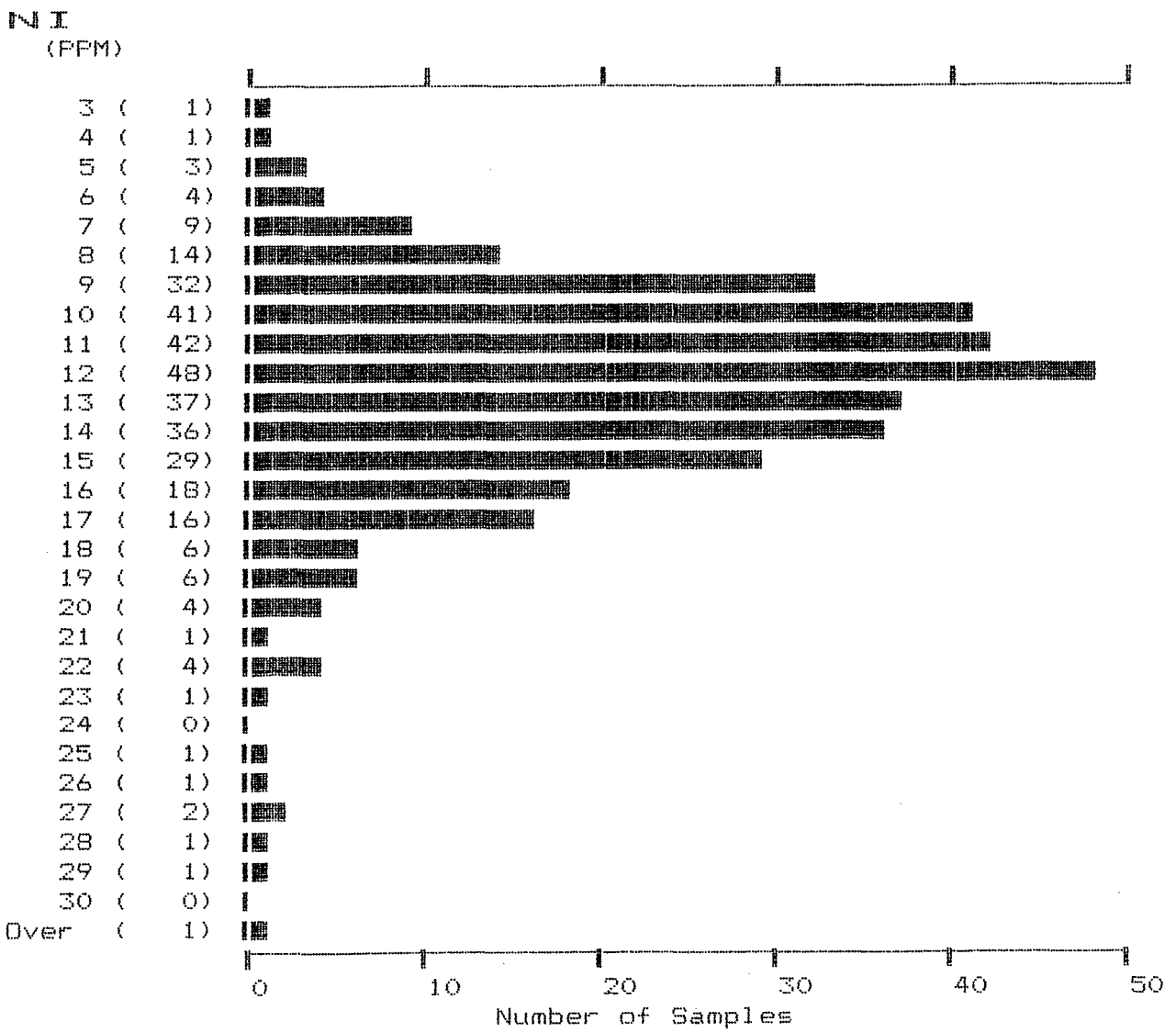
# GOLDEN DYNASTY RES. (87-3482)

AG
(PPM)




| | | | |
|---|---|---|---|
| 360 Samples | Maximum: | 2 | Mean: 0 |
| | Minimum: | 0 | Median: 0 |
| | | | Standard Deviation: 0 |

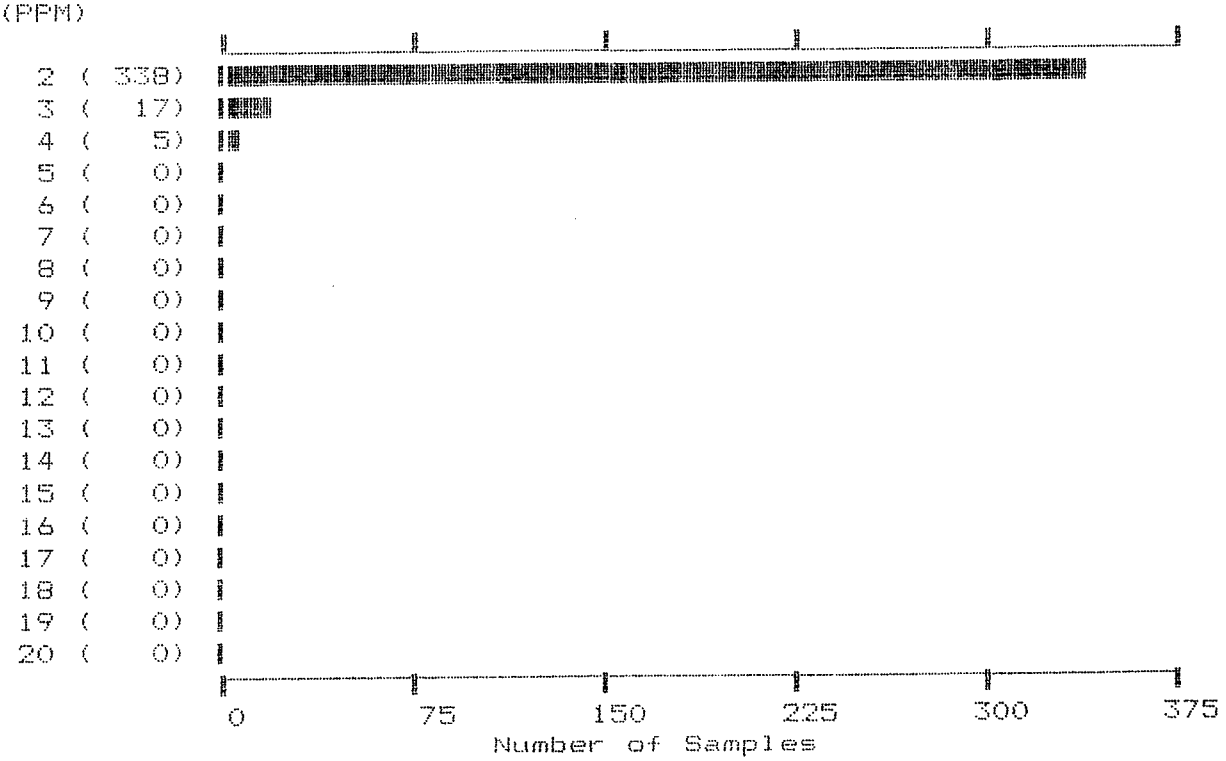
# GOLDEN DYNASTY RES. (87-3482)




| | | | |
|---|---|---|---|
| 360 Samples | Maximum: | 33 | Mean: 13 |
| | Minimum: | 3 | Median: 12 |
| | | | Standard Deviation: 4 |

# GOLDEN DYNASTY RES. (87-3482)

SB
(PPM)




360 Samples

| | | | |
|---|---|---|---|
| Maximum: | 4 | Mean: | 2 |
| Minimum: | 2 | Median: | 2 |
| | | Standard Deviation: | 0 |

# Appendix C. Cost Statement

## Field Personnel

| | | | |
|---|---|---|---|
| Peter A. Christopher P.Eng. July 24, 25, 30, 31; August 14, 15/87 | 6 days @ $375ea | $ 2250 | |
| Grant Crooker BSc (Field Sup) July 24/2, 30, 31; August 6/2, 7, 14/87 | 5 days @ $350ea | 1750 | |
| W.A. Howell B.Sc. (Consultant) August 6, 7/87 | 2 days @ $350ea | 600 | |
| Mick Sidhu (Geophy. Op.) August 7 -18/87 | 10 days @ $200ea | 2000 | |
| Frank Haidlauf (Prospector) July 30, 31; August 1-18/87 | 20 days @ $175ea | 3500 | |
| Lee Mollison (Prospector) July 30, 31; August 1-7, 14 | 10 days @ $175ea | 1750 | |
| Steve Nemeth (Assitant) August 6-16/87 | 11 days @ $175ea | 1925 | |
| Mob.-Demob. | | 2000 | |
| | | | $ 15,775.00 |

## Room & Board

64 man days @ $50 — 3,200.00

## Transportation

| | | |
|---|---|---|
| Vehicle | Datsun 4x4 19 days @ $80/day | 1,520.00 |
| | Dodge 4x4 5 days @ $60/day | 300.00 |
| Mileage | 4000 km @ 0.12ea. | 480.00 |
| Vehicle | 2x4 582 km @ $.25ea | 145.00 |
| Fuel | For Dodge Power Wagon | 109.00 |
| Airfare | Kamloops to Vancouver | 108.50 |
| Coquihalla Tools | | 32.00 |
| Cab From Airport | | 13.00 |
| Travel G. Crooker | | 317.00 |

## Rentals

| | | |
|---|---|---|
| Magnetometer & VLF-Em | 20 days @ $50ea | 500.00 |
| Saw Rentals | 8 days @ $25 ea. | 200.00 |
| | 20 days @ 10 ea. | 200.00 |

## Expendable & Disbursements @ cost + 10%

### Geochemical Analyses

| | | |
|---|---|---|
| 87-3482 | $ 3978.00 | |
| 87-3871A | 43.50 | |
| 87-3165 | 150.75 | |
| 87-3871 | 223.00 | |
| 87-3482 Histograms | 40.00 | |
| 87-3464 | 152.25 | |
| | $ 4587.50 +10% | |
| | | 5,046.25 |

### Consumables

Cost Statement Continued:

| | | |
|---|---|---|
| Fuel, Oil and Supplies for Saws | $ 115.63 | |
| Flagging: 4 doz @ $15.90ea. | 63.60 | |
| Chain: 12 rolls @ $4.00ea. | 48.00 | |
| Fluorescet Paint: 2 tins | 11.10 | |
| Field Books: 4 @ $3.50ea. | 14.00 | |
| Marking Pens: 6 @ $1.50ea. | 9.00 | |
| Maps & Reports: | 108.49 | |
| | 21.49 | |
| Photocopies: | 50.00 | |
| Shipping: | 9.61 | |
| Telephone G. Crooker | 113.09 | |
| P.A. Christopher | 65.88 | |
| | $ 629.89+10% | 692.80 |

Geophysical Data Treatment & Plotting: @ cost +10%
Pond Cad Drafting 1,641.30

REPORTING COSTS

| | |
|---|---|
| Drafting 40 hours at $17/hr. | 680.00 |
| Word Processing | 200.00 |
| Copies, Binding, Office Supplies & Assistance | 300.00 |
| Report Preparation and Consulting | 5,000.00 |
| Total Cost | $ 36,459.85 |