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SUMMARY REPORT
OF
GEOLOGICAL AND GEOPHYSICAL ASSESSMENT WORK

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| LOG NO: Feb 14/91 | RD. |
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| FILE NO: | |

ON THE
EL NINIO CLAIM, EL NINO FRACTION
SKEENA MINING DIVISION
NTS 103F/8E
LATITUDE 53 28 LONGITUDE 132 10

FOR
DOROMIN RESOURCES LTD.,

BY
MARINO SPECOGNA
JULY 1990

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,336

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INTRODUCTION

A PRELIMINARY GEOCHEMICAL SILT & GEOCHEMICAL SOIL SAMPLE SURVEY AND GEOPHYSICAL SURVEY WAS CONDUCTED ON THE EL NINIO PROPERTY FROM FEBRUARY 1, 1990 TO FEBRUARY 29, 1990.

THE GEOCHEMICAL SILT & GEOCHEMICAL SOIL SAMPLE SURVEY, GEOLOGY AND GEOPHYSICAL SURVETS AND CORRESPONDING RESULTS ARE DESCRIBED WITHIN THIS SUMMARY REPORT. THE WORK WAS COMPLETED FOR DOROMIN RESOURCES LTD. BY McINTYRE ASSOCIATES AND STRATO GEOLOGICAL ENGINEERING.

THE GEOCHEMICAL SILT SAMPLE SURVEY CONCENTRATED ON A MAJOR CREEK WHICH DRAINS THE EL NINIO PROPERTY. THE GEOCHEMICAL SOIL SAMPLE SURVEY WAS CARRIED OUT OVER A GRID ESTABLISHED ON A PORTION OF THE EL NINIO PROPERTY. THE GEOPHYSICAL SURVEY WAS CONDUCTED OVER THIS SAME GRID.

LOCATION AND ACCESSABILITY

THE EL NINIO PROPERTY IS LOCATED ON GRAHAM ISLAND, QUEEN CHARLOTTE ISLANDS, B.C., NTS 103F/8E, AND IS COMPRISED OF 8 UNITS AND ONE FRACTION CLAIM.

THE PROPERTY IS LOCATED APPROXIMATELY 30KM NORTH OF QUEEN CHARLOTTE CITY, B.C. AND THE CENTER OF THE CLAIMS IS SITUATED APPROXIMATELY AT LATITUDE 53 28, LONGITUDE 132 10.

ROAD ACCESS VIA GOOD LOGGING ROADS IS AVAILABLE TO WITHIN 2KM OF THE CLAIM BOUNDARY. THE PROPERTY IS ACCESSED BY GOOD SKIDDER ROAD FOR 1KM AND BY WELL MARKED TRAIL FOR 200M.

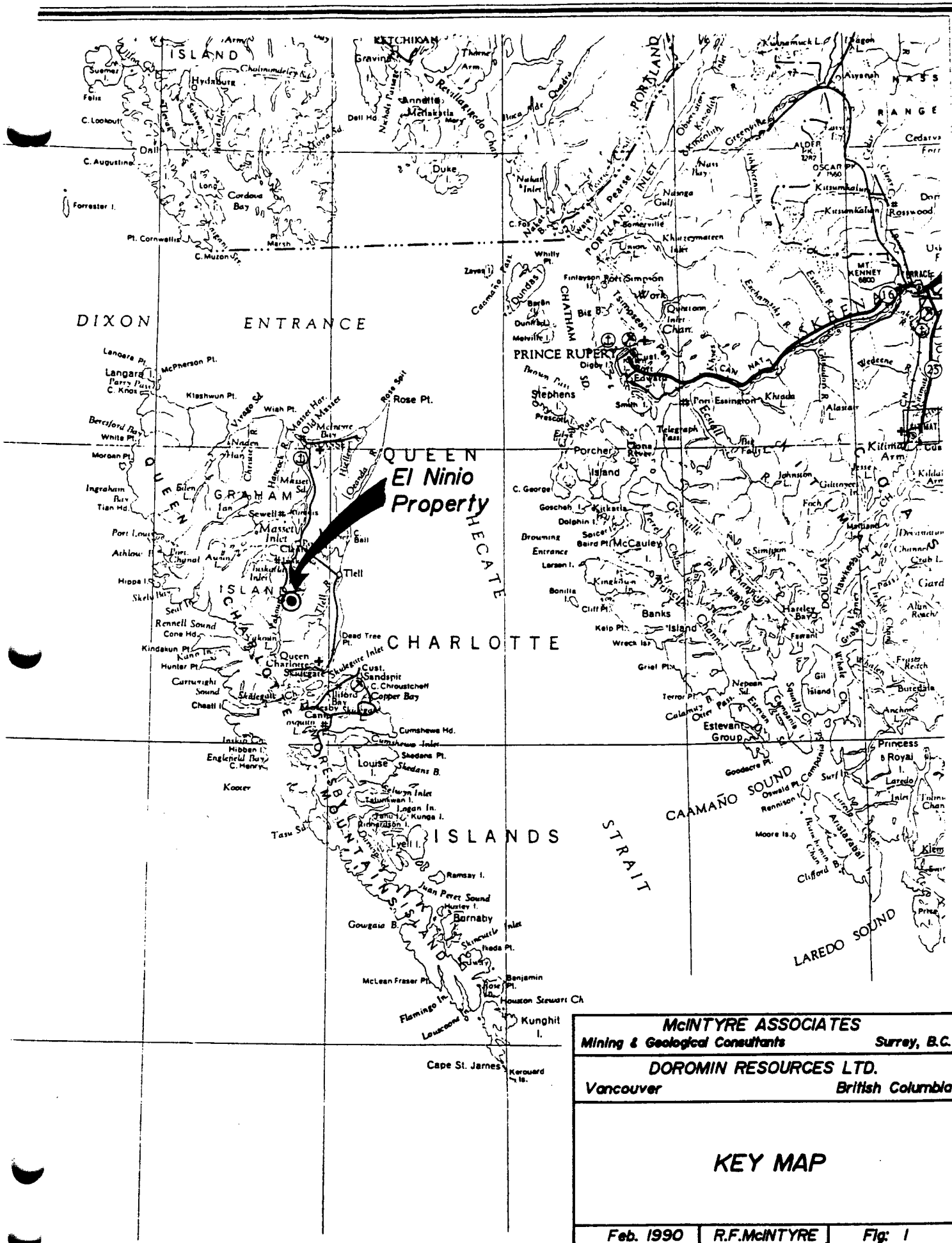
ALTERNATE FORM OF ACCESS TO THE PROPERTY IS BY HELICOPTER.

CLAIMS

THE CLAIMS COMPRISING THE EL NINIO PROPERTY ARE LOCATED IN THE SKEENA MINING DIVISION AND CONSIST OF THE FOLLOWING :

| <u>CLAIM NAME</u> | <u>RECORD NO.</u> | <u>UNITS</u> | <u>EXPIRY DATE</u> |
|-------------------|-------------------|--------------|--------------------|
| EL NINIO | 7749 | 8 | 08/94 |
| EL NINIO FRACTION | 7914 | 1 | 08/94 |

THE CLAIMS ARE OWNED 100% BY DOROMIN RESOURCES LTD., THE PROPERTY LOCATION IS SHOWN IN FIGURE 1, AND CLAIM LOCATION IS SHOWN IN FIGURE 2.



El Nino Property

McINTYRE ASSOCIATES
 Mining & Geological Consultants
 Surrey, B.C.

DOROMIN RESOURCES LTD.
 Vancouver
 British Columbia

KEY MAP

Feb. 1990 R.F. McINTYRE Fig. 1

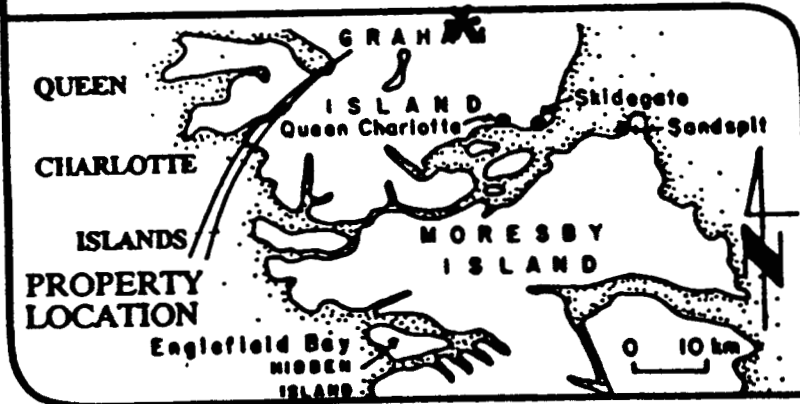
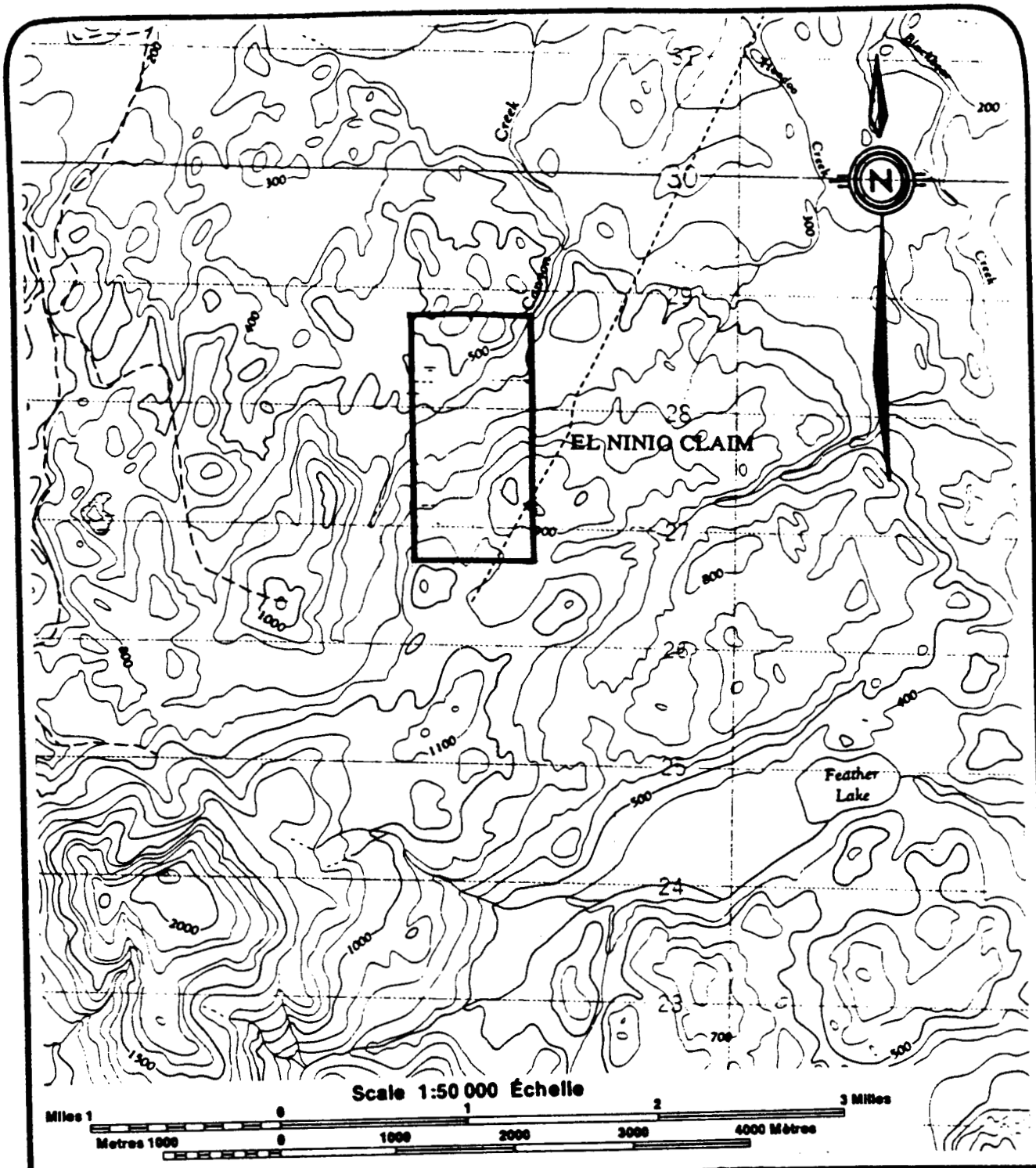


Figure 32

DOROMIN RESOURCES LTD.
EL NINIO CLAIMS
 Skeena M.D. - 103F

TOPOGRAPHIC MAP

To accompany a report by:
A.E. Hunter, Geop.

February, 1990

**STRATO III GEOLOGICAL
ENGINEERING LTD.**

PHYSIOGRAPHY

THE EL NINIO PROPERTY IS LOCATED IN THE CENTRAL PORTION OF GRAHAM ISLAND, THE MAJORITY OF THE PROPERTY OVERLIES FAIRLY LEVEL GROUND. A PORTION OF THE CLAIM OVERLIES SWAMPY GROUND.

THE AREA IS COVERED WITH SECOND GROWTH VEGETATION (EVERGREENS).

HISTORY

THE AREA OF THE EL NINIO PROPERTY WAS FIRST EXAMINED IN THE EARLY 1970'S BY E. SPECOGNA AND G. TRINCO. APPROXIMATELY 5KM TO THE NORTH IS LOCATED THE CINOLA (BABE) GOLD DEPOSIT DISCOVERED BY E. SPECOGNA AND G. TRINCO IN 1970. THE MAIN INTEREST AT THAT TIME, IN THE PRESENT EL NINIO AREA, WAS THE PROXIMITY TO THE BABE DEPOSIT AND THE PRESENCE OF ALTERATION SIMILAR TO THAT FOUND ON THE BABE PROPERTY.

IN THE LATE 1970'S UMEX, PROCAN AND UTAH COPPER MINES ACQUIRED GROUND ADJACENT TO THE PRESENT EL NINIO CLAIM. MAJOR DETAILED GEOCHEMICAL, GEOPHYSICAL, GEOLOGICAL AND DRILLING SURVEYS WERE COMPLETED WITH LIMITED RESULTS.

IN AUGUST 1989, E. SPECOGNA LOCATED THE EL NINIO CLAIM. SUBSEQUENTLY DOROMIN RESOURCES LTD., COMPLETED A GEOCHEMICAL AND GEOPHYSICAL SURVEY WHICH FORMS THIS REPORT, DOROMIN ACQUIRED THE CLAIMS IN EARLY 1990.

REGIONAL GEOLOGY

THE AREA AS MAPPED BY SUTHERLAND-BROWN IN 1968 CONSISTS OF MIDDLE JURASSIC ANDESITES AND AGGLOMERATES OF THE YAKOUN FORMATION, AND THE CRETACEOUS HAIDA FORMATION OF THE QUEEN CHARLOTTE GROUP.

THE HAIDA FORMATION CONSISTS OF GLAUCONITIC SANDSTONE, SHALE AND SILTSTONE.

WRANGELLIA TERRAIN IS A FEATURE OF THIS AREA. THIS GEOLOGICAL FEATURE IS MARKED BY VOLCANICS AND SEDIMENTS OF LATE TRIASSIC TO JURASSIC AGE.

A MID-TERTIARY STRUCTURE TRENDS NORTHWESTERLY THROUGH GRAHAM ISLAND AND IS FOUND IMMEDIATELY TO THE NORTHWEST OF THE EL NINIO PROPERTY, MORE OR LESS COINCIDENT WITH THE SANDSPIT FAULT. THIS FEATURE IS BELIEVED TO HAVE SEPARATE EARLIER AND UNDERLYING THE ALEXANDER TERRAIN FROM THE WRANGELLIA.

THE REGIONAL GEOLOGY OF THE EL NINIO CLAIM AREA IS SHOWN IN FIGURE 3.

LOCAL GEOLOGY

THE CLAIM AREA IS UNDERLAIN BY YAKOUN GROUP ANDESITES AND CONGLOMERATES OF MIDDLE JURASSIC AGE. THE NORTHERN PORTION OF THE CLAIMS ARE UNDERLAIN BY CRETACEOUS AGE SEDIMENTARY ROCKS OF THE QUEEN CHARLOTTE GROUP.

BEDROCK IS VISIBLE IN CANYON CREEK, THE ROCKS WERE FINE GRAINED, BUFF WEATHERED VOLCANIC ROCKS CONSIDERABLY OXIDIZED AND CLAY ALTERED AND OBVIOUSLY HIGHLY PYRITIC AND WITH DESSIMINATED GALENA AND SPHALERITE.

SOILS TAKEN IN THE GRID AREA WERE STAINED DARK RED AND APPEARED TO BE VERY IRON RICH. FLOAT FOUND IN CANYON CREEK CONTAINED SEVERAL PERCENT PYRITE AS WELL AS FINE GRAINED BORNITE. OTHER FLOAT IN THE CREEK CONSISTED OF BARITE. THE AREA OF THE OUTCROPPING WAS CHOSEN FOR THE GEOCHEMICAL AND GEOPHYSICAL GRID.

GEOCHEMISTRY

THE SOIL SAMPLE GRID ON THE EL NINIO PROPERTY WAS ESTABLISHED FROM A BASELINE CUT ALONG THE WESTERN BOUNDARY OF THE CLAIM, COMMENCING AT THE LEGAL CORNER POST ON THE NORTHWEST CORNER OF THE CLAIM.

STATIONS WERE PLACED AT EVERY 50 METRES ALONG THE BASELINE FOR 2000 METRES SOUTH OF THE LCP. DISTANCES WERE MEASURED WITH A 100M NYLON CHAIN.

A DETAILED GRID WAS ESTABLISHED FROM STATIONS 1000 METRES SOUTH TO 1500 METRES SOUTH INCLUSIVE. CROSS LINES WERE RUN FROM EACH 50 METRE STATION FOR 100 METRES TO THE WEST AND 300 METRES TO THE EAST OF THE BASELINE, WITH FLAGGING SITES ESTABLISHED EVERY 20 METRES.

AS WELL, SAMPLE SITES WERE ESTABLISHED EVERY 25 METRES ALONG THE BASELINE. LINES 1450 METRES SOUTH AND 1500 METRES SOUTH WERE NOT RUN TO THE WEST OF THE BASELINE. LINE 1000 METRES SOUTH WAS RUN 1000 METRES EAST WITH SAMPLE SITES ESTABLISHED EVERY 50 METERS FROM 300 METERS EAST TO 1000 METRES EAST. THE RESULTING GRID TOTALS 231 SAMPLE SITES AS SHOWN IN FIGURE 2A, CONTAINED IN THE APPENDICES.

DUE TO THICK SNOW COVER AND THE PREVALENT SWAMP ONLY 150 SAMPLES OF MINERAL SOIL WERE COLLECTED.

SILT SAMPLES WERE TAKEN FROM 45 LOCATIONS ON TWO DRAINAGES ON THE PROPERTY, RESULTS AND CORRESPONDING LOCATIONS ARE SHOWN IN FIGURE 3A, CONTAINED IN THE APPENDICES.

GEOCHEMISTRY RESULTS

THE GEOCHEMISTRY RESULTS ARE CONTAINED IN THE APPENDICES, THE SAMPLE NUMBERS CORRELATE WITH THE SAMPLE LOCATION NUMBERS.

ANOMALOUS SAMPLES ARE CLUSTERED IN SEVERAL AREAS. SILTS E38, E44 & E45 ARE ALL ANOMALOUS IN MERCURY (Hg), AND FORM A FUTURE TARGET FOR FURTHER INVESTIGATION.

A CLUSTER OF ANOMALOUS GOLD VALUES OCCUR WITHIN SILT SAMPLES TAKEN AT E1, E6 & E11, AS SHOWN IN FIGURE 3A CONTAINED IN THE APPENDICES.

A LARGE CLUSTER OF ANOMALOUS GOLD VALUES OCCUR WITHIN SOILS IN THE NORTHWEST CORNER OF THE GRID, AS SHOWN IN FIGURE 2A CONTAINED IN THE APPENDICES. THE VALUES INCLUDE THE SIX HIGHEST FOUND ON THE GRID SYSTEM AND ARE 4 TO 8 TIMES THE BACKGROUND LEVEL SUGGESTING THIS IS A SIGNIFICANT ANOMALY.

ADDITIONALLY, A SERIES OF ANOMALOUS MERCURY VALUES RUNS DIAGONALLY ACROSS THE NORTHERN PORTION OF THE GRID. ANOMALOUS MERCURY AND GOLD WERE NOT DETECTED IN ANY ONE SAMPLE, THERE APPEARS TO BE NO NOTICEABLE CORRELATIONS AMONG ANOMALOUS VALUES, SUGGESTING THAT THE GOLD AND MERCURY MINERALIZATION MAY BE UNRELATED.

GEOPHYSICS

THE GEOPHYSICAL INVESTIGATION WAS COMPLETED BY STRATO GEOLOGICAL ENGINEERING LTD, THE SURVEY CONSISTED OF A VLF-EM AND A TOTAL MAGNETIC FIELD STRENGTH READING. THE INSTRUMENTS USED WERE A SABRE MODEL 27 VLF-EM RECEIVER AND A SCINTREX MODEL MP-2, PRECESSION MAGNETOMETER, A MORE DETAILED DESCRIPTION OF THE INSTRUMENTS ARE CONTAINED IN THE APPENDICES.

THE ENTIRE GRID SYSTEM ESTABLISHED FOR THE GEOCHEMISTRY SURVEY WAS UTILIZED BY STRATO. READINGS WERE COLLECTED EVERY 10 METRES ON THE CROSSLINES. THE MAGNETIC DATA WAS LOOPED FOR DIURNAL DRIFT.

GEOPHYSICS RESULTS

THE VLF-EM RESULTS REVEAL ABOUT ONE DOZEN VERY WEAK TO WEAK CONDUCTORS WITH A NORTH TO NORTHEASTERLY TREND. CONDUCTORS A, B, AND C (FIGURE 10, CONTAINED IN APPENDICES) ARE ASSOCIATED WITH MAGNETIC HIGHS.

THE MAGNETIC DATA SHOWS A MAXIMUM RELIEF OF 700 GAMMAS AND REVEALS A NORTH TO NORTHEASTERLY TREND. A REGION OF HIGH MAGNETIC RELIEF EXISTS SOUTHEAST OF A LINE FROM 3+00E, 10+50S TO 1+00E, 15+00S, INFERRING A GEOLOGICAL CONTACT.

A SERIES OF SEPARATED MINOR HIGHS ALSO TRENDS NORTHERLY THROUGH 1+00E TO 1+40E. OTHER MINOR MAGNETIC HIGHS ARE CENTERED AT 10+75S, 0+30W, 12+40S, 0+40W AND 15+00S, 0+00.

STATEMENT OF COST

| | |
|------------------------------|-------------|
| PROJECT MANAGER | \$2,250.00 |
| PROJECT MANAGEMENT | 1,482.00 |
| GEOLOGISTS | |
| 1MAN @ 5 DAY X \$500/DAY | |
| 1MAN @ 14 DAY X \$350/DAY | 7,400.00 |
| GEOPHYSICISTS | |
| 2MEN @ 10 DAY X \$225/DAY | 4,500.00 |
| GEOLOGIST ASSISTANT | |
| 1MAN @ 10 DAY X \$150/DAY | 1,500.00 |
| LINECUTTERS | |
| 4MEN @ 9 DAY X \$125/DAY | 4,500.00 |
| TRANSPORTATION | |
| HELICOPTERS, AIRFARES, FERRY | 14,487.00 |
| TRUCK RENTAL | 225.00 |
| 900KM @ \$0.55/KM | 495.00 |
| SUPPLIES/RENTALS | 1,496.00 |
| ASSAYS | 1,800.00 |
| ROOM & BOARD | |
| 20 MAN-DAYS @ \$106/MAN-DAY | 6,254.00 |
| ASSESSMENT REPORT | \$600.00 |
| TOTAL | \$46,989.00 |

STATEMENT OF QUALIFICATION

I, MARINO SPECOGNA, OF 207-937 W. 14 AVENUE, VANCOUVER, B.C.
V5Z 4E2 STATE THAT:

1. I RECEIVED MY DIPLOMA IN MINING ENGINEERING TECHNOLOGY FROM THE BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY IN JUNE 1986.
2. I HAVE BEEN INVOLVED IN THE MINERAL EXPLORATION FIELD SINCE CHILDHOOD.
3. I AM A DIRECTOR OF DOROMIN RESOURCES LTD.



MARINO SPECOGNA.
MAY 1990.

APPENDIX I:
Geophysical Instrumentation

SABRE MODEL 27 VLF-EM RECEIVER

SPECIFICATIONS

Source of Primary Field - VLF radio stations (12 to 24 KHz).

Number of Stations - 4, selected by switch; Cutler, Main on 17.8 KHz and Seattle, Washington on 24.8 KHz are standard, leaving 2 other stations that can be selected by the user. Currently these are Hawaii at 23.4 KHz and Annapolis, MD at 21.4 KHz.

Types of Measurements

1. Dip angle in degrees, read on a meter-type inclinometer with range of + or - 60 degrees and an accuracy of + or - 1/2 degrees.
2. Field strength, read on a meter and a precision digital dial with an accuracy exceeding 1%.
3. Out of phase component, read on the field strength meter as a residual reading when measuring the dip angle.

Dimensions and Weight

Approx. 9 1/2" x 2 1/2" x 8 1/2" (24.2cm x 6.3cm x 21.6cm).

5 lbs (2.37 kg)

Batteries

8 alkaline penlite cells (AA cells). The instrument will run continuously on one set of batteries for over 200 hours; so that in normal on-off use, the batteries will last all season. The battery condition under load is shown by pushing a button and reading voltage on the field strength meter.

Note: The instrument is not waterproof and must be protected by placing in a plastic bag for use under wet survey conditions.

SCINTREX MODEL MP-2, PRECESSION MAGNETOMETER

- Resolution: 1 gamma.
- Total Field Accuracy: ± 1 gamma over full operating range.
- Range: 20,000 to 100,000 gammas in 25 overlapping steps.
- Informal Measuring Program: A reading appears 1.5 seconds after depression of the Operate Switch and remains displayed for a total of 3.7 seconds per single reading. Recycling feature permits automatic repetitive readings at 3.7 second intervals.
- External Trigger: External trigger input permits use of sampling intervals longer than 3.7 seconds.
- Display: 5 digit LED (light emitting diode) readout displaying total magnetic field in gammas or normalized battery voltage.
- Data Output: Multiplied precession frequency and gate time outputs for base station recording using interfacing optionally available from Scintrex.
- Gradient Tolerance: Up to 5000 gammas/meter.
- Power Source: 8 alkaline "D" cells provide up to 25,000 readings at 25 degrees under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.

APPENDIX II
SAMPLE AND ASSAY RESULTS

GEOCHEMICAL ANALYSIS CERTIFICATE

Doromin Resources Ltd. File # 90-0514 Page 1

827 W. Pender St., Vancouver BC V6C 3G8

| 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 | Hg |
|---------|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppb | |
| E 1 P | 1 | 12 | 17 | 65 | .1 | 3 | 24 | 3174 | 9.50 | 9 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 124 | .24 | .034 | 2 | 16 | .97 | 63 | .19 | 6 | 1.97 | .04 | .04 | 1 | 90 |
| E 2 | 1 | 6 | 13 | 46 | .1 | 1 | 41 | 6456 | 6.13 | 17 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 109 | .24 | .030 | 2 | 13 | .63 | 83 | .15 | 2 | 1.52 | .02 | .03 | 1 | 80 |
| E 3 | 1 | 19 | 23 | 72 | .2 | 9 | 11 | 970 | 5.75 | 7 | 5 | ND | 1 | 63 | 1 | 2 | 2 | 128 | .33 | .036 | 2 | 22 | 1.16 | 99 | .18 | 5 | 3.27 | .02 | .03 | 1 | 130 |
| E 4 | 1 | 14 | 15 | 78 | .1 | 7 | 13 | 1227 | 5.00 | 9 | 5 | ND | 1 | 96 | 1 | 2 | 2 | 154 | .46 | .029 | 2 | 25 | 1.78 | 102 | .24 | 2 | 3.50 | .03 | .04 | 1 | 80 |
| E 5 P | 1 | 18 | 16 | 74 | .2 | 8 | 13 | 1382 | 5.98 | 3 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 155 | .45 | .033 | 2 | 24 | 1.78 | 84 | .23 | 2 | 2.99 | .04 | .05 | 1 | 90 |
| E 6 | 2 | 9 | 20 | 53 | .1 | 5 | 5 | 479 | 1.34 | 2 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 49 | .36 | .023 | 2 | 15 | .77 | 124 | .17 | 4 | 1.74 | .02 | .03 | 1 | 130 |
| E 7 | 1 | 10 | 23 | 59 | .1 | 6 | 18 | 2896 | 3.69 | 2 | 5 | ND | 1 | 118 | 1 | 2 | 2 | 85 | .66 | .028 | 2 | 19 | 1.11 | 133 | .19 | 2 | 2.51 | .03 | .04 | 1 | 80 |
| E 8 | 1 | 12 | 11 | 67 | .1 | 9 | 14 | 1311 | 5.15 | 4 | 5 | ND | 1 | 105 | 1 | 2 | 2 | 125 | .60 | .031 | 2 | 21 | 1.53 | 107 | .23 | 2 | 2.84 | .03 | .05 | 1 | 90 |
| E 9 | 1 | 14 | 18 | 51 | .1 | 9 | 10 | 693 | 2.96 | 2 | 5 | ND | 1 | 110 | 1 | 2 | 2 | 91 | .52 | .033 | 2 | 21 | 1.15 | 111 | .18 | 3 | 3.44 | .03 | .04 | 2 | 480 |
| E 10 | 1 | 12 | 14 | 45 | .2 | 5 | 8 | 579 | 3.29 | 3 | 5 | ND | 1 | 104 | 1 | 2 | 3 | 99 | .49 | .031 | 2 | 18 | .87 | 110 | .17 | 4 | 2.31 | .03 | .04 | 1 | 100 |
| E 11 | 1 | 22 | 20 | 68 | .2 | 8 | 14 | 1691 | 4.46 | 3 | 5 | ND | 1 | 94 | 1 | 2 | 2 | 130 | .67 | .031 | 3 | 23 | 1.29 | 114 | .21 | 4 | 3.23 | .04 | .05 | 1 | 140 |
| E 12 P | 1 | 30 | 12 | 123 | .2 | 16 | 21 | 2632 | 6.91 | 6 | 5 | ND | 1 | 94 | 1 | 2 | 2 | 139 | .63 | .043 | 3 | 27 | 1.96 | 126 | .20 | 4 | 4.09 | .05 | .07 | 1 | 90 |
| E 13 | 1 | 26 | 9 | 129 | .3 | 17 | 25 | 4454 | 7.03 | 6 | 5 | ND | 1 | 99 | 1 | 2 | 2 | 143 | .60 | .036 | 3 | 29 | 1.64 | 174 | .17 | 2 | 4.89 | .03 | .06 | 1 | 100 |
| E 14 | 1 | 26 | 8 | 125 | .2 | 13 | 22 | 3233 | 6.68 | 6 | 5 | ND | 1 | 91 | 1 | 2 | 2 | 142 | .70 | .035 | 3 | 28 | 1.75 | 133 | .18 | 4 | 4.35 | .04 | .06 | 1 | 80 |
| E 15 | 1 | 25 | 10 | 115 | .1 | 13 | 21 | 3163 | 5.97 | 3 | 5 | ND | 1 | 94 | 1 | 2 | 2 | 133 | .67 | .040 | 3 | 26 | 1.55 | 139 | .17 | 2 | 4.12 | .03 | .05 | 1 | 60 |
| E 16 | 1 | 28 | 17 | 138 | .3 | 15 | 23 | 3390 | 6.68 | 4 | 5 | ND | 1 | 99 | 1 | 2 | 2 | 137 | .73 | .038 | 3 | 28 | 1.73 | 146 | .17 | 2 | 4.61 | .04 | .06 | 1 | 80 |
| E 17 | 1 | 28 | 10 | 137 | .4 | 14 | 23 | 3719 | 7.14 | 3 | 5 | ND | 1 | 89 | 1 | 2 | 2 | 139 | .66 | .037 | 3 | 28 | 1.78 | 145 | .18 | 2 | 4.46 | .04 | .06 | 1 | 60 |
| E 18 | 1 | 25 | 12 | 135 | .3 | 15 | 23 | 3726 | 6.77 | 5 | 5 | ND | 1 | 92 | 1 | 4 | 2 | 136 | .64 | .036 | 3 | 29 | 1.71 | 146 | .17 | 3 | 4.38 | .04 | .05 | 1 | 70 |
| E 19 P | 1 | 22 | 2 | 110 | .1 | 13 | 18 | 1950 | 5.35 | 2 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 126 | .47 | .030 | 3 | 23 | 1.64 | 104 | .17 | 2 | 3.49 | .04 | .07 | 1 | 60 |
| E 20 P | 1 | 21 | 14 | 115 | .1 | 12 | 17 | 1117 | 5.46 | 2 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 126 | .43 | .029 | 3 | 22 | 1.56 | 114 | .16 | 7 | 3.75 | .05 | .07 | 1 | 80 |
| E 21 P | 1 | 25 | 14 | 120 | .2 | 13 | 19 | 2221 | 5.89 | 5 | 5 | ND | 1 | 74 | 1 | 2 | 2 | 129 | .50 | .034 | 3 | 25 | 1.75 | 115 | .19 | 7 | 3.69 | .05 | .07 | 1 | 70 |
| E 22 P | 1 | 21 | 7 | 116 | .1 | 11 | 20 | 3535 | 5.82 | 2 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 120 | .44 | .031 | 3 | 21 | 1.51 | 122 | .15 | 2 | 3.60 | .04 | .07 | 1 | 80 |
| E 23 P | 1 | 17 | 15 | 103 | .1 | 11 | 16 | 2011 | 5.13 | 2 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 108 | .28 | .027 | 2 | 20 | 1.36 | 118 | .10 | 6 | 3.51 | .03 | .08 | 1 | 60 |
| E 24 P | 1 | 19 | 4 | 98 | .1 | 12 | 15 | 1568 | 4.99 | 2 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 110 | .33 | .030 | 2 | 22 | 1.32 | 134 | .10 | 3 | 3.68 | .03 | .08 | 1 | 50 |
| E 25 P | 1 | 20 | 11 | 95 | .1 | 8 | 14 | 1531 | 4.57 | 2 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 108 | .25 | .026 | 2 | 18 | 1.26 | 96 | .10 | 2 | 2.93 | .02 | .08 | 1 | 60 |
| E 26 P | 1 | 23 | 11 | 100 | .1 | 9 | 16 | 2372 | 5.00 | 3 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 105 | .29 | .031 | 3 | 17 | 1.31 | 115 | .09 | 8 | 3.10 | .03 | .11 | 1 | 70 |
| E 27 P | 1 | 19 | 15 | 97 | .2 | 7 | 15 | 2320 | 5.01 | 2 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 99 | .28 | .033 | 2 | 16 | 1.33 | 99 | .06 | 6 | 3.00 | .03 | .10 | 1 | 50 |
| E 28 P | 1 | 41 | 9 | 61 | .2 | 15 | 32 | 1122 | 7.91 | 2 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 78 | .42 | .036 | 3 | 19 | 1.43 | 44 | .03 | 5 | 2.84 | .03 | .10 | 1 | 100 |
| E 29 P | 1 | 29 | 15 | 87 | .1 | 9 | 15 | 1637 | 5.42 | 3 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 109 | .51 | .042 | 3 | 18 | 1.76 | 75 | .09 | 6 | 3.17 | .04 | .10 | 1 | 70 |
| E 30 P | 1 | 23 | 8 | 95 | .2 | 8 | 16 | 1750 | 5.18 | 2 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 106 | .40 | .033 | 3 | 21 | 1.74 | 77 | .09 | 2 | 3.33 | .04 | .10 | 1 | 50 |
| E 31 P | 1 | 20 | 12 | 94 | .1 | 9 | 14 | 1518 | 4.63 | 3 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 99 | .37 | .030 | 3 | 18 | 1.66 | 79 | .08 | 4 | 3.35 | .03 | .10 | 1 | 60 |
| E 32 P | 1 | 21 | 6 | 107 | .2 | 12 | 17 | 1944 | 5.43 | 6 | 5 | ND | 1 | 56 | 1 | 3 | 2 | 122 | .43 | .030 | 3 | 21 | 1.64 | 93 | .17 | 3 | 3.26 | .04 | .08 | 1 | 120 |
| E 33 P | 1 | 22 | 4 | 112 | .1 | 10 | 17 | 2075 | 5.50 | 3 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 119 | .43 | .031 | 3 | 20 | 1.68 | 97 | .16 | 3 | 3.35 | .04 | .08 | 1 | 50 |
| E 34 P | 1 | 26 | 16 | 110 | .1 | 11 | 17 | 2111 | 5.40 | 2 | 5 | ND | 1 | 55 | 1 | 2 | 2 | 119 | .43 | .028 | 3 | 23 | 1.52 | 112 | .15 | 2 | 3.17 | .04 | .08 | 1 | 70 |
| E 35 P | 1 | 20 | 8 | 105 | .2 | 11 | 16 | 1926 | 5.08 | 5 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 115 | .42 | .028 | 2 | 20 | 1.53 | 105 | .14 | 7 | 3.32 | .04 | .07 | 2 | 80 |
| E 36 P | 1 | 20 | 16 | 105 | .2 | 11 | 16 | 1976 | 5.03 | 6 | 5 | ND | 1 | 54 | 1 | 3 | 2 | 114 | .42 | .027 | 3 | 23 | 1.50 | 103 | .14 | 6 | 3.19 | .04 | .08 | 2 | 70 |
| STD C | 17 | 57 | 38 | 127 | 6.6 | 70 | 29 | 937 | 3.87 | 42 | 18 | 8 | 36 | 47 | 18 | 15 | 18 | 56 | .45 | .094 | 36 | 56 | .89 | 173 | .06 | 37 | 1.83 | .06 | .14 | 12 | 1300 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-P9 Soil P10 Rock HG ANALYSIS BY FLAMELESS AA.

P - PULVERIZED

DATE RECEIVED: FEB 28 1990 DATE REPORT MAILED: March 8/90 SIGNED BY: C. Leong... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

| 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 | Hg ppb |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| E 37 P | 1 | 19 | 13 | 100 | .1 | 10 | 16 | 2047 | 5.17 | 2 | 5 | ND | 1 | 51 | 1 | 2 | 2 | 116 | .42 | .029 | 2 | 23 | 1.52 | 95 | .15 | 2 | 3.23 | .04 | .08 | 1 | 80 |
| E 38 P | 1 | 18 | 13 | 100 | .1 | 9 | 16 | 2277 | 5.11 | 2 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 123 | .41 | .027 | 2 | 24 | 1.41 | 93 | .16 | 2 | 3.10 | .04 | .07 | 1 | 230 |
| E 39 P | 1 | 23 | 10 | 94 | .2 | 8 | 16 | 3025 | 5.24 | 2 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 132 | .45 | .028 | 3 | 25 | 1.37 | 93 | .17 | 2 | 2.92 | .04 | .08 | 1 | 80 |
| E 40 P | 1 | 21 | 10 | 94 | .1 | 9 | 16 | 1918 | 5.05 | 2 | 5 | ND | 1 | 52 | 1 | 2 | 2 | 120 | .43 | .029 | 2 | 22 | 1.44 | 91 | .15 | 2 | 3.08 | .04 | .07 | 1 | 90 |
| E 41 P | 1 | 26 | 4 | 93 | .1 | 10 | 19 | 2798 | 5.86 | 7 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 133 | .44 | .036 | 3 | 26 | 1.48 | 95 | .18 | 2 | 3.17 | .05 | .07 | 1 | 80 |
| E 42 P | 1 | 27 | 7 | 87 | .1 | 9 | 19 | 3168 | 5.55 | 7 | 5 | ND | 1 | 62 | 1 | 2 | 2 | 138 | .48 | .034 | 3 | 25 | 1.35 | 105 | .19 | 7 | 3.13 | .05 | .08 | 1 | 100 |
| E 43 P | 1 | 25 | 4 | 96 | .1 | 10 | 19 | 2980 | 5.83 | 2 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 125 | .36 | .031 | 2 | 25 | 1.42 | 99 | .15 | 2 | 3.17 | .04 | .07 | 1 | 90 |
| E 44 P | 1 | 12 | 10 | 47 | .1 | 6 | 11 | 1094 | 3.65 | 2 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 101 | .23 | .019 | 2 | 19 | 1.06 | 80 | .15 | 2 | 2.46 | .03 | .06 | 1 | 620 |
| E 45 P | 1 | 17 | 8 | 80 | .2 | 7 | 16 | 1800 | 5.33 | 4 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 121 | .27 | .030 | 2 | 22 | 1.31 | 77 | .15 | 9 | 2.63 | .03 | .07 | 1 | 370 |
| G 1 P | 1 | 33 | 6 | 71 | .1 | 21 | 15 | 664 | 3.65 | 7 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 77 | .63 | .055 | 3 | 41 | 1.39 | 52 | .15 | 3 | 2.02 | .03 | .09 | 1 | 520 |
| G 2 P | 1 | 37 | 6 | 73 | .1 | 24 | 17 | 595 | 3.95 | 6 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 82 | .58 | .051 | 3 | 42 | 1.42 | 58 | .15 | 7 | 2.03 | .03 | .09 | 1 | 350 |
| G 3 P | 1 | 37 | 10 | 60 | .1 | 18 | 20 | 863 | 5.34 | 11 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 121 | .41 | .036 | 4 | 55 | 1.19 | 46 | .16 | 3 | 3.21 | .03 | .08 | 1 | 210 |
| G 4 P | 1 | 30 | 2 | 58 | .1 | 23 | 12 | 413 | 3.22 | 5 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 79 | .45 | .047 | 4 | 49 | 1.40 | 35 | .14 | 2 | 2.32 | .03 | .10 | 1 | 320 |
| G 5 P | 1 | 26 | 9 | 57 | .1 | 18 | 12 | 466 | 3.04 | 4 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 63 | .54 | .059 | 4 | 32 | 1.20 | 37 | .13 | 3 | 1.64 | .03 | .07 | 2 | 400 |
| G 6 P | 1 | 45 | 11 | 113 | .1 | 24 | 17 | 644 | 3.72 | 9 | 5 | ND | 1 | 57 | 1 | 3 | 2 | 82 | 1.02 | .077 | 3 | 44 | 1.64 | 34 | .18 | 5 | 2.34 | .05 | .06 | 1 | 280 |
| G 7 P | 1 | 24 | 6 | 71 | .2 | 19 | 14 | 613 | 3.42 | 6 | 5 | ND | 1 | 47 | 1 | 2 | 3 | 78 | .81 | .065 | 2 | 38 | 1.40 | 25 | .18 | 5 | 2.04 | .04 | .06 | 1 | 180 |
| G 8 P | 1 | 29 | 11 | 50 | .1 | 21 | 21 | 654 | 4.50 | 3 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 114 | .70 | .058 | 2 | 45 | 1.40 | 16 | .22 | 4 | 2.14 | .05 | .05 | 1 | 130 |
| G 9 P | 1 | 19 | 11 | 50 | .1 | 19 | 19 | 972 | 4.17 | 2 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 91 | .64 | .048 | 2 | 42 | 1.28 | 19 | .18 | 2 | 2.02 | .04 | .04 | 1 | 320 |
| G 10 P | 1 | 27 | 13 | 93 | .3 | 13 | 18 | 1430 | 5.47 | 6 | 5 | ND | 1 | 47 | 1 | 2 | 2 | 115 | .48 | .044 | 3 | 31 | 1.60 | 73 | .18 | 5 | 2.94 | .04 | .08 | 1 | 160 |
| G 11 P | 1 | 41 | 13 | 84 | .1 | 24 | 17 | 675 | 4.07 | 6 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 84 | .62 | .056 | 3 | 45 | 1.49 | 51 | .15 | 5 | 2.16 | .03 | .09 | 1 | 350 |
| G 12 P | 1 | 33 | 4 | 71 | .1 | 20 | 15 | 600 | 3.56 | 7 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 70 | .61 | .062 | 3 | 37 | 1.37 | 45 | .14 | 5 | 1.84 | .03 | .07 | 1 | 310 |
| G 13 P | 1 | 65 | 112 | 401 | .2 | 33 | 20 | 634 | 4.24 | 8 | 5 | ND | 1 | 49 | 1 | 3 | 2 | 92 | .70 | .053 | 2 | 64 | 2.06 | 38 | .17 | 2 | 2.77 | .03 | .07 | 1 | 240 |
| G 14 P | 1 | 74 | 37 | 527 | .2 | 39 | 23 | 667 | 4.80 | 3 | 5 | ND | 1 | 67 | 2 | 5 | 2 | 103 | .86 | .073 | 2 | 70 | 2.18 | 42 | .15 | 2 | 2.80 | .03 | .06 | 1 | 11000 |
| G 15 P | 1 | 55 | 20 | 180 | .1 | 35 | 17 | 483 | 3.47 | 2 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 69 | 1.22 | .101 | 2 | 60 | 2.06 | 14 | .17 | 8 | 2.38 | .04 | .03 | 1 | 150 |
| M 1 | 2 | 37 | 15 | 38 | .4 | 9 | 41 | 3557 | 13.16 | 41 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 122 | .57 | .059 | 3 | 33 | .70 | 102 | .09 | 3 | 2.58 | .02 | .03 | 1 | 2500 |
| M 2 | 1 | 33 | 3 | 41 | .1 | 15 | 12 | 440 | 3.88 | 8 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 88 | .72 | .037 | 2 | 31 | 1.00 | 61 | .15 | 6 | 2.17 | .02 | .03 | 1 | 1600 |
| M 3 | 1 | 32 | 6 | 45 | .1 | 15 | 14 | 670 | 3.93 | 11 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 92 | .64 | .041 | 2 | 33 | 1.02 | 62 | .13 | 2 | 2.19 | .02 | .03 | 1 | 780 |
| M 4 | 7 | 36 | 7 | 49 | .1 | 19 | 13 | 367 | 3.39 | 4 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 70 | 1.24 | .088 | 2 | 35 | 1.26 | 36 | .14 | 7 | 2.37 | .02 | .05 | 1 | 270 |
| M 5 | 2 | 9 | 4 | 36 | .1 | 13 | 14 | 993 | 2.34 | 5 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 69 | .30 | .041 | 3 | 33 | .62 | 23 | .02 | 2 | 1.37 | .01 | .05 | 2 | 5200 |
| M 6 | 1 | 5 | 10 | 26 | .1 | 16 | 8 | 242 | 1.74 | 2 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 51 | .54 | .027 | 2 | 38 | 1.22 | 15 | .14 | 5 | 1.52 | .01 | .02 | 1 | 330 |
| M 7 | 1 | 9 | 5 | 23 | .1 | 8 | 5 | 166 | 1.17 | 2 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 40 | .25 | .017 | 2 | 24 | .88 | 8 | .16 | 2 | 1.02 | .02 | .02 | 2 | 110 |
| M 8 | 1 | 33 | 10 | 66 | .1 | 22 | 23 | 1638 | 4.72 | 12 | 5 | ND | 1 | 33 | 1 | 2 | 3 | 105 | .55 | .047 | 3 | 45 | 1.22 | 73 | .11 | 2 | 2.53 | .02 | .04 | 1 | 380 |
| M 9 | 1 | 29 | 7 | 69 | .1 | 26 | 23 | 1898 | 5.02 | 7 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 106 | .40 | .041 | 3 | 53 | 1.37 | 74 | .10 | 9 | 2.35 | .02 | .05 | 1 | 230 |
| M 10 | 1 | 23 | 3 | 73 | .2 | 22 | 32 | 8262 | 5.18 | 43 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 109 | .60 | .044 | 3 | 48 | 1.23 | 158 | .10 | 7 | 2.37 | .02 | .05 | 1 | 540 |
| M 11 | 1 | 28 | 9 | 49 | .1 | 19 | 16 | 949 | 4.68 | 7 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 106 | .27 | .036 | 4 | 41 | 1.07 | 43 | .05 | 2 | 2.03 | .01 | .05 | 1 | 610 |
| M 12 | 1 | 14 | 4 | 54 | .2 | 18 | 18 | 1947 | 3.42 | 8 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 87 | .35 | .035 | 2 | 46 | 1.14 | 46 | .09 | 4 | 1.99 | .02 | .04 | 1 | 160 |
| STD C | 18 | 57 | 41 | 128 | 6.9 | 67 | 31 | 959 | 3.97 | 40 | 17 | 7 | 36 | 47 | 19 | 15 | 19 | 57 | .45 | .094 | 37 | 58 | .87 | 174 | .07 | 39 | 1.93 | .06 | .14 | 11 | 1380 |

| 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 | Hg ppb |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| L1000S 100W | 1 | 11 | 14 | 13 | .1 | 4 | 3 | 154 | 1.97 | 2 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 133 | .06 | .018 | 2 | 15 | .34 | 81 | .22 | 2 | 1.87 | .01 | .03 | 2 | 110 |
| L1000S 80W | 1 | 17 | 11 | 30 | .1 | 7 | 4 | 220 | 2.25 | 2 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 152 | .07 | .019 | 2 | 18 | .47 | 88 | .23 | 2 | 2.48 | .01 | .03 | 1 | 180 |
| L1000S 40W | 1 | 14 | 14 | 13 | .1 | 4 | 4 | 192 | 3.29 | 3 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 144 | .05 | .010 | 2 | 17 | .20 | 93 | .23 | 5 | 3.08 | .01 | .04 | 1 | 150 |
| L1000S 20W | 1 | 18 | 7 | 23 | .1 | 6 | 5 | 222 | 4.95 | 2 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 162 | .05 | .016 | 2 | 20 | .27 | 96 | .21 | 5 | 4.23 | .01 | .04 | 1 | 190 |
| L1000S BL | 1 | 3 | 14 | 1 | .1 | 1 | 1 | 78 | .29 | 2 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 37 | .06 | .012 | 2 | 6 | .04 | 78 | .15 | 2 | .70 | .01 | .02 | 1 | 30 |
| L1000S 40E | 1 | 17 | 8 | 40 | .1 | 5 | 6 | 331 | 6.12 | 7 | 5 | ND | 1 | 14 | 1 | 3 | 2 | 290 | .02 | .009 | 2 | 20 | .07 | 48 | .30 | 3 | .68 | .01 | .02 | 3 | 30 |
| L1000S 60E | 1 | 13 | 11 | 34 | .2 | 8 | 7 | 277 | 5.97 | 7 | 5 | ND | 1 | 43 | 1 | 2 | 3 | 129 | .09 | .013 | 2 | 22 | .60 | 130 | .14 | 5 | 3.29 | .03 | .04 | 1 | 150 |
| L1000S 80E | 1 | 27 | 2 | 104 | .3 | 12 | 18 | 1850 | 5.58 | 4 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 125 | .50 | .030 | 3 | 27 | 1.50 | 109 | .18 | 4 | 3.51 | .05 | .08 | 1 | 100 |
| L1000S 120E | 1 | 5 | 2 | 8 | .3 | 2 | 41 | 5025 | 8.13 | 2 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 96 | .06 | .074 | 5 | 12 | .14 | 84 | .06 | 2 | 2.12 | .01 | .03 | 1 | 200 |
| L1000S 140E | 1 | 8 | 11 | 6 | .1 | 3 | 3 | 214 | 2.69 | 5 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 164 | .04 | .015 | 2 | 12 | .19 | 61 | .23 | 2 | 1.05 | .01 | .02 | 1 | 60 |
| L1000S 180E | 1 | 9 | 2 | 23 | .2 | 4 | 3 | 265 | 1.85 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 4 | 91 | .18 | .019 | 2 | 6 | .16 | 26 | .09 | 2 | .43 | .01 | .03 | 2 | 130 |
| L1000S 200E | 1 | 21 | 17 | 23 | .2 | 7 | 5 | 212 | 8.02 | 3 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 157 | .05 | .025 | 2 | 31 | .19 | 103 | .19 | 2 | 7.70 | .01 | .02 | 2 | 220 |
| L1000S 280E | 1 | 11 | 5 | 23 | .1 | 5 | 3 | 115 | 1.41 | 2 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 27 | .24 | .069 | 2 | 7 | .16 | 43 | .03 | 3 | .97 | .02 | .04 | 1 | 180 |
| L1000S 367E | 1 | 33 | 9 | 54 | .2 | 15 | 14 | 529 | 5.39 | 2 | 5 | ND | 1 | 45 | 1 | 3 | 2 | 114 | .13 | .020 | 4 | 29 | .83 | 233 | .14 | 5 | 6.62 | .02 | .03 | 1 | 200 |
| L1000S 400E | 1 | 17 | 6 | 40 | .1 | 4 | 8 | 422 | 6.51 | 2 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 130 | .17 | .020 | 2 | 16 | .56 | 91 | .03 | 2 | 3.74 | .02 | .03 | 1 | 120 |
| L1000S 550E | 1 | 9 | 13 | 49 | .2 | 4 | 13 | 3667 | 7.33 | 7 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 106 | .40 | .045 | 3 | 17 | .56 | 96 | .06 | 5 | 2.45 | .02 | .03 | 1 | 110 |
| L1000S 600E | 1 | 6 | 10 | 18 | .7 | 3 | 6 | 280 | 20.63 | 7 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 274 | .03 | .024 | 2 | 14 | .26 | 46 | .07 | 2 | 1.82 | .01 | .04 | 1 | 880 |
| L1000S 750E | 1 | 7 | 9 | 17 | .1 | 3 | 6 | 433 | 4.18 | 2 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 119 | .06 | .011 | 3 | 12 | .35 | 70 | .07 | 3 | 2.15 | .01 | .07 | 1 | 70 |
| L1000S 800E | 1 | 3 | 16 | 3 | .1 | 3 | 5 | 478 | 1.44 | 4 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 40 | .05 | .015 | 3 | 5 | .13 | 74 | .05 | 4 | 1.22 | .01 | .04 | 1 | 50 |
| L1025S BL | 1 | 21 | 10 | 13 | .1 | 5 | 4 | 212 | 2.49 | 3 | 5 | ND | 1 | 14 | 1 | 2 | 3 | 138 | .04 | .017 | 2 | 14 | .27 | 55 | .21 | 2 | 1.26 | .01 | .03 | 1 | 60 |
| L1050S 100W | 1 | 4 | 6 | 7 | .3 | 1 | 1 | 81 | .20 | 2 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 6 | .06 | .028 | 2 | 3 | .11 | 13 | .01 | 8 | .15 | .02 | .03 | 1 | 130 |
| L1050S 80W | 1 | 5 | 5 | 1 | .3 | 1 | 1 | 25 | .46 | 2 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 11 | .02 | .044 | 2 | 2 | .06 | 46 | .02 | 7 | .41 | .01 | .02 | 1 | 110 |
| L1050S 40W | 1 | 17 | 11 | 22 | .3 | 6 | 5 | 247 | 6.95 | 5 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 195 | .33 | .017 | 2 | 22 | .23 | 50 | .25 | 4 | 1.84 | .01 | .04 | 1 | 100 |
| L1050S 20W | 1 | 18 | 2 | 17 | .1 | 4 | 6 | 248 | 4.78 | 6 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 267 | .06 | .005 | 2 | 14 | .07 | 31 | .28 | 2 | .65 | .01 | .02 | 1 | 30 |
| L1050S BL | 1 | 9 | 4 | 9 | .6 | 2 | 2 | 92 | 2.55 | 7 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 139 | .04 | .014 | 2 | 5 | .06 | 63 | .16 | 5 | .50 | .02 | .02 | 1 | 80 |
| L1050S 20E | 1 | 20 | 11 | 32 | .1 | 5 | 4 | 224 | 6.79 | 6 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 263 | .09 | .012 | 2 | 16 | .19 | 69 | .29 | 4 | .89 | .02 | .03 | 1 | 50 |
| L1050S 40E | 1 | 17 | 9 | 72 | .1 | 9 | 17 | 2719 | 4.90 | 6 | 5 | ND | 1 | 64 | 1 | 2 | 2 | 120 | .27 | .026 | 4 | 23 | .85 | 123 | .13 | 2 | 3.30 | .03 | .03 | 1 | 100 |
| L1050S 60E | 1 | 9 | 13 | 26 | .3 | 5 | 5 | 382 | 6.29 | 7 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 115 | .09 | .030 | 2 | 14 | .30 | 86 | .10 | 5 | 2.04 | .02 | .03 | 1 | 130 |
| L1050S 80E | 1 | 3 | 8 | 2 | .1 | 2 | 1 | 58 | .58 | 2 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 21 | .16 | .023 | 2 | 2 | .07 | 22 | .03 | 2 | .16 | .01 | .03 | 1 | 90 |
| L1050S 120E | 1 | 16 | 11 | 26 | .1 | 6 | 5 | 224 | 5.47 | 3 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 176 | .04 | .016 | 2 | 21 | .20 | 67 | .20 | 2 | 3.03 | .01 | .02 | 1 | 260 |
| L1050S 160E | 1 | 11 | 6 | 36 | .1 | 4 | 7 | 1571 | 6.89 | 8 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 103 | .09 | .101 | 4 | 10 | .17 | 95 | .02 | 2 | 2.00 | .01 | .03 | 1 | 180 |
| L1050S 180E | 1 | 15 | 3 | 48 | .3 | 3 | 27 | 4123 | 13.66 | 3 | 5 | ND | 1 | 33 | 1 | 2 | 3 | 140 | .11 | .091 | 6 | 19 | .30 | 123 | .03 | 4 | 3.65 | .02 | .02 | 1 | 110 |
| L1050S 240E | 1 | 4 | 4 | 8 | .1 | 1 | 4 | 686 | 1.02 | 2 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 18 | .09 | .092 | 2 | 1 | .04 | 51 | .01 | 5 | .51 | .01 | .03 | 1 | 220 |
| L1050S 280E | 2 | 8 | 8 | 13 | .1 | 3 | 3 | 215 | 2.40 | 3 | 5 | ND | 1 | 36 | 1 | 2 | 3 | 81 | .09 | .033 | 2 | 11 | .22 | 79 | .10 | 2 | 1.22 | .01 | .03 | 2 | 130 |
| L1050S 300E | 4 | 16 | 11 | 31 | .3 | 5 | 6 | 279 | 7.61 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 3 | 207 | .02 | .013 | 2 | 2 | .19 | 104 | .22 | 4 | 2.14 | .01 | .02 | 1 | 110 |
| L1075S BL | 1 | 10 | 7 | 17 | .1 | 3 | 3 | 133 | 3.05 | 8 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 178 | .06 | .009 | 2 | 9 | .07 | 60 | .19 | 3 | .99 | .01 | .02 | 1 | 60 |
| STD C | 18 | 57 | 37 | 129 | 6.7 | 67 | 30 | 944 | 4.03 | 43 | 17 | 7 | 36 | 47 | 19 | 15 | 18 | 58 | .46 | .094 | 37 | 55 | .87 | 173 | .07 | 36 | 1.87 | .06 | .14 | 13 | 1400 |

| 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 | Hg ppb |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| L1100S 80W | 1 | 12 | 9 | 21 | .1 | 3 | 4 | 174 | 3.68 | 12 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 117 | .09 | .029 | 6 | 13 | .26 | 80 | .15 | 2 | 1.68 | .01 | .05 | 1 | 120 |
| L1100S 40W | 1 | 22 | 16 | 26 | .1 | 4 | 5 | 219 | 6.59 | 10 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 300 | .02 | .014 | 2 | 18 | .11 | 75 | .30 | 2 | 1.58 | .01 | .02 | 1 | 110 |
| L1100S 20W | 1 | 24 | 6 | 31 | .3 | 5 | 6 | 298 | 8.04 | 7 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 302 | .11 | .014 | 2 | 24 | .17 | 56 | .36 | 2 | 1.76 | .01 | .02 | 1 | 120 |
| L1100S BL | 1 | 21 | 8 | 83 | .1 | 11 | 21 | 3425 | 5.04 | 8 | 5 | ND | 1 | 87 | 1 | 2 | 2 | 120 | .46 | .042 | 5 | 22 | .91 | 146 | .13 | 8 | 3.80 | .04 | .03 | 1 | 140 |
| L1100S 20E P | 1 | 26 | 15 | 109 | .2 | 11 | 19 | 2305 | 6.15 | 2 | 5 | ND | 1 | 44 | 1 | 2 | 2 | 119 | .32 | .033 | 2 | 20 | 1.41 | 121 | .11 | 2 | 3.94 | .03 | .08 | 1 | 60 |
| L1100S 40E | 1 | 6 | 11 | 18 | .1 | 2 | 4 | 453 | 3.04 | 2 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 148 | .13 | .014 | 2 | 9 | .27 | 89 | .15 | 2 | 1.60 | .02 | .03 | 1 | 320 |
| L1100S 180E P | 1 | 24 | 3 | 101 | .2 | 10 | 18 | 2454 | 5.88 | 3 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 112 | .27 | .027 | 2 | 19 | 1.30 | 122 | .08 | 2 | 3.77 | .02 | .07 | 1 | 60 |
| L1100S 200E P | 1 | 26 | 10 | 112 | .2 | 9 | 18 | 2313 | 5.93 | 7 | 5 | ND | 1 | 39 | 1 | 3 | 2 | 116 | .29 | .030 | 2 | 19 | 1.47 | 115 | .09 | 2 | 4.05 | .03 | .10 | 1 | 40 |
| L1100S 220E | 1 | 17 | 6 | 20 | .2 | 3 | 4 | 176 | 5.11 | 5 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 141 | .07 | .028 | 2 | 17 | .15 | 78 | .18 | 9 | 3.81 | .02 | .02 | 1 | 280 |
| L1100S 240E | 1 | 18 | 5 | 20 | .3 | 3 | 4 | 140 | 4.96 | 4 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 134 | .06 | .028 | 2 | 18 | .15 | 79 | .18 | 2 | 4.26 | .01 | .02 | 1 | 300 |
| L1100S 300E | 1 | 18 | 8 | 21 | .4 | 4 | 5 | 189 | 5.01 | 3 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 139 | .07 | .028 | 2 | 19 | .23 | 77 | .18 | 2 | 4.21 | .01 | .02 | 1 | 270 |
| L1125S BL P | 1 | 22 | 5 | 68 | .2 | 8 | 8 | 637 | 2.16 | 5 | 5 | ND | 1 | 71 | 1 | 2 | 2 | 71 | .38 | .107 | 6 | 19 | .61 | 128 | .08 | 2 | 3.95 | .03 | .04 | 1 | 210 |
| L1125S BL (A) | 1 | 4 | 12 | 11 | .1 | 1 | 20 | 4242 | 3.55 | 2 | 5 | ND | 1 | 48 | 1 | 2 | 2 | 97 | .05 | .034 | 3 | 14 | .12 | 109 | .07 | 2 | 1.61 | .01 | .03 | 1 | 90 |
| L1150S 100W | 1 | 15 | 17 | 19 | .2 | 1 | 5 | 321 | 5.40 | 5 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 249 | .05 | .016 | 2 | 12 | .24 | 79 | .26 | 2 | 1.23 | .01 | .03 | 1 | 100 |
| L1150S 80W | 1 | 29 | 16 | 32 | .5 | 4 | 7 | 377 | 5.86 | 8 | 5 | ND | 1 | 9 | 1 | 3 | 2 | 249 | .03 | .012 | 2 | 19 | .44 | 93 | .21 | 2 | 3.57 | .01 | .04 | 2 | 230 |
| L1150S 60W P | 1 | 4 | 2 | 6 | .8 | 1 | 1 | 78 | .40 | 2 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 21 | .03 | .019 | 2 | 3 | .10 | 34 | .02 | 2 | .28 | .01 | .02 | 1 | 200 |
| L1150S 40W | 1 | 30 | 20 | 49 | .4 | 7 | 8 | 339 | 7.42 | 8 | 5 | ND | 1 | 23 | 1 | 3 | 2 | 229 | .05 | .015 | 2 | 22 | .57 | 195 | .21 | 2 | 3.73 | .02 | .03 | 1 | 110 |
| L1150S 20W | 1 | 18 | 2 | 78 | .2 | 11 | 18 | 1108 | 5.72 | 2 | 5 | ND | 1 | 87 | 1 | 2 | 2 | 136 | .44 | .026 | 3 | 23 | .92 | 150 | .15 | 2 | 4.05 | .04 | .04 | 1 | 150 |
| L1150S BL | 1 | 5 | 7 | 19 | .1 | 3 | 5 | 233 | 3.63 | 6 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 129 | .06 | .008 | 3 | 11 | .27 | 115 | .10 | 2 | 2.17 | .02 | .05 | 1 | 60 |
| L1150S 20E P | 1 | 11 | 11 | 15 | .4 | 2 | 10 | 1714 | 3.00 | 2 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 132 | .19 | .111 | 4 | 9 | .10 | 82 | .03 | 2 | 1.49 | .02 | .04 | 1 | 190 |
| L1150S 100E | 1 | 5 | 6 | 8 | .1 | 3 | 12 | 4304 | 5.86 | 2 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 78 | .09 | .097 | 4 | 6 | .05 | 86 | .02 | 2 | 1.22 | .01 | .08 | 1 | 300 |
| L1150S 160E P | 1 | 3 | 2 | 8 | .4 | 1 | 1 | 25 | .62 | 2 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 12 | .08 | .070 | 2 | 3 | .03 | 25 | .01 | 2 | .38 | .01 | .04 | 1 | 130 |
| L1150S 200E | 1 | 27 | 14 | 107 | .4 | 10 | 21 | 3657 | 6.85 | 6 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 116 | .43 | .041 | 3 | 20 | 1.21 | 144 | .09 | 2 | 4.15 | .02 | .06 | 1 | 90 |
| L1150S 260E | 1 | 11 | 6 | 17 | .1 | 3 | 2 | 188 | 2.69 | 3 | 5 | ND | 1 | 40 | 1 | 2 | 3 | 55 | .12 | .021 | 4 | 10 | .13 | 84 | .07 | 2 | 1.92 | .01 | .03 | 1 | 120 |
| L1150S 280E | 1 | 8 | 10 | 13 | .2 | 3 | 2 | 113 | 2.28 | 4 | 5 | ND | 1 | 41 | 1 | 3 | 2 | 51 | .12 | .029 | 4 | 10 | .08 | 85 | .05 | 2 | 1.8 | .01 | .03 | 1 | 150 |
| L1150S 300E | 1 | 32 | 11 | 65 | .2 | 12 | 13 | 1355 | 2.63 | 5 | 5 | ND | 1 | 55 | 1 | 5 | 2 | 72 | .28 | .047 | 3 | 23 | .86 | 167 | .11 | 2 | 4.77 | .02 | .03 | 1 | 170 |
| L1200S 40E | 1 | 14 | 14 | 61 | .1 | 12 | 8 | 267 | 2.00 | 5 | 5 | ND | 1 | 78 | 1 | 2 | 2 | 65 | .16 | .030 | 4 | 21 | .71 | 146 | .14 | 2 | 4.31 | .02 | .07 | 2 | 190 |
| L1200S 60E | 1 | 19 | 10 | 61 | .1 | 17 | 10 | 331 | 3.18 | 7 | 5 | ND | 1 | 76 | 1 | 2 | 2 | 85 | .17 | .031 | 3 | 28 | .98 | 159 | .16 | 2 | 5.22 | .02 | .10 | 1 | 140 |
| L1200S 180E | 1 | 24 | 13 | 36 | .2 | 7 | 6 | 263 | 9.58 | 4 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 199 | .04 | .021 | 3 | 32 | .36 | 92 | .19 | 2 | 5.66 | .01 | .03 | 1 | 480 |
| L1200S 200E | 1 | 22 | 4 | 32 | .2 | 7 | 6 | 244 | 8.66 | 4 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 189 | .03 | .019 | 2 | 31 | .31 | 83 | .19 | 2 | 5.07 | .01 | .02 | 1 | 450 |
| L1200S 220E | 1 | 26 | 12 | 78 | .2 | 8 | 18 | 2537 | 5.00 | 2 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 110 | .37 | .045 | 4 | 21 | .93 | 147 | .07 | 2 | 4.15 | .02 | .04 | 1 | 100 |
| L1200S 260E | 1 | 3 | 8 | 13 | .1 | 2 | 1 | 135 | 3.44 | 7 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 81 | .04 | .043 | 2 | 2 | .10 | 45 | .03 | 2 | 1.16 | .01 | .04 | 1 | 80 |
| L1200S 300E | 1 | 8 | 12 | 33 | .1 | 3 | 9 | 1981 | 4.77 | 3 | 5 | ND | 1 | 60 | 1 | 2 | 2 | 73 | .27 | .030 | 2 | 10 | .54 | 75 | .14 | 2 | 1.77 | .03 | .04 | 2 | 110 |
| L1225S BL | 1 | 7 | 2 | 22 | .2 | 2 | 17 | 1891 | 10.99 | 2 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 136 | .21 | .057 | 4 | 13 | .16 | 71 | .05 | 4 | 1.68 | .02 | .02 | 1 | 150 |
| L1250S 100W P | 1 | 41 | 6 | 86 | 1.0 | 6 | 13 | 1321 | 6.54 | 8 | 5 | ND | 1 | 83 | 1 | 7 | 2 | 185 | 1.35 | .028 | 2 | 22 | 2.02 | 76 | .15 | 11 | 5.76 | .04 | .11 | 1 | 560 |
| L1250S 80W | 1 | 19 | 12 | 40 | .3 | 8 | 8 | 534 | 4.49 | 6 | 5 | ND | 1 | 40 | 1 | 3 | 2 | 144 | .13 | .032 | 3 | 22 | .31 | 117 | .16 | 7 | 7.11 | .02 | .03 | 1 | 130 |
| STD C | 19 | 57 | 41 | 131 | 6.9 | 68 | 30 | 1010 | 3.99 | 41 | 21 | 7 | 36 | 47 | 19 | 14 | 22 | 59 | .47 | .094 | 37 | 55 | .84 | 174 | .07 | 32 | 1.96 | .06 | .14 | 11 | 1400 |

| 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 | Hg ppb |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| L1250S 60W | 1 | 21 | 24 | 49 | .4 | 11 | 9 | 551 | 5.40 | 3 | 5 | ND | 1 | 41 | 2 | 7 | 2 | 166 | .11 | .029 | 3 | 27 | .31 | 129 | .19 | 4 | 7.55 | .02 | .03 | 2 | 220 |
| L1250S 40W | 1 | 20 | 28 | 43 | .8 | 6 | 6 | 250 | 9.36 | 2 | 5 | ND | 2 | 20 | 1 | 6 | 2 | 157 | .05 | .022 | 2 | 37 | .24 | 101 | .20 | 3 | 9.19 | .01 | .02 | 3 | 300 |
| L1250S 20E | 1 | 24 | 21 | 60 | .6 | 14 | 10 | 515 | 6.43 | 5 | 5 | ND | 1 | 42 | 1 | 7 | 2 | 191 | .22 | .042 | 3 | 30 | .97 | 110 | .16 | 2 | 4.62 | .02 | .04 | 1 | 230 |
| L1250S 40E | 1 | 14 | 8 | 45 | .3 | 11 | 13 | 829 | 7.30 | 2 | 5 | ND | 1 | 32 | 1 | 5 | 2 | 234 | .07 | .020 | 2 | 29 | .75 | 94 | .23 | 3 | 2.80 | .01 | .09 | 1 | 100 |
| L1250S 80E | 1 | 6 | 13 | 18 | .4 | 2 | 4 | 568 | 2.56 | 2 | 5 | ND | 1 | 42 | 1 | 4 | 2 | 52 | .09 | .056 | 3 | 8 | .08 | 87 | .05 | 2 | 1.21 | .01 | .04 | 1 | 130 |
| L1250S 100E | 1 | 4 | 14 | 18 | .2 | 2 | 3 | 201 | 2.89 | 5 | 5 | ND | 1 | 49 | 1 | 3 | 3 | 79 | .06 | .015 | 2 | 9 | .17 | 121 | .11 | 2 | 1.26 | .01 | .03 | 2 | 40 |
| L1250S 160E | 1 | 11 | 21 | 44 | .1 | 8 | 6 | 238 | 2.27 | 4 | 5 | ND | 1 | 47 | 2 | 4 | 2 | 79 | .13 | .018 | 2 | 14 | .47 | 158 | .16 | 2 | 2.59 | .02 | .05 | 1 | 60 |
| L1250S 180E | 1 | 8 | 12 | 45 | .2 | 1 | 2 | 126 | 1.70 | 2 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 82 | .04 | .018 | 2 | 10 | .06 | 42 | .14 | 3 | .60 | .01 | .02 | 1 | 70 |
| L1250S 200E | 1 | 23 | 17 | 70 | .4 | 11 | 15 | 2131 | 6.72 | 8 | 5 | ND | 1 | 30 | 1 | 6 | 2 | 150 | .08 | .027 | 3 | 29 | .55 | 144 | .14 | 2 | 6.53 | .01 | .03 | 1 | 150 |
| L1250S 220E | 1 | 19 | 11 | 72 | .7 | 10 | 19 | 5011 | 13.86 | 5 | 5 | ND | 1 | 55 | 1 | 8 | 2 | 170 | .25 | .041 | 3 | 26 | .80 | 141 | .09 | 2 | 3.56 | .02 | .04 | 1 | 80 |
| L1250S 240E | 1 | 4 | 3 | 16 | .2 | 2 | 2 | 435 | 5.03 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 46 | .18 | .081 | 2 | 1 | .06 | 47 | .01 | 2 | .77 | .01 | .03 | 1 | 130 |
| L1250S 300E | 1 | 4 | 7 | 13 | .6 | 1 | 2 | 42 | 1.32 | 2 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 29 | .15 | .129 | 2 | 2 | .05 | 52 | .01 | 2 | .68 | .01 | .04 | 1 | 230 |
| L1275S BL | 1 | 3 | 14 | 17 | .3 | 1 | 2 | 115 | 3.01 | 7 | 5 | ND | 1 | 40 | 1 | 4 | 2 | 69 | .06 | .021 | 3 | 6 | .07 | 82 | .06 | 2 | 1.16 | .01 | .03 | 1 | 70 |
| L1300S 80W | 1 | 14 | 14 | 43 | .8 | 9 | 16 | 2335 | 9.61 | 10 | 5 | ND | 1 | 65 | 1 | 6 | 2 | 164 | .26 | .086 | 6 | 32 | .39 | 108 | .07 | 2 | 4.47 | .02 | .03 | 1 | 260 |
| L1300S 40W | 1 | 4 | 2 | 15 | .7 | 5 | 17 | 7750 | 7.73 | 2 | 5 | ND | 1 | 22 | 1 | 5 | 2 | 106 | .03 | .115 | 7 | 8 | .05 | 87 | .02 | 3 | 1.30 | .01 | .07 | 1 | 180 |
| L1300S 20E | 1 | 18 | 23 | 43 | .4 | 12 | 7 | 280 | 5.31 | 2 | 5 | ND | 1 | 28 | 1 | 8 | 2 | 93 | .09 | .041 | 3 | 30 | .56 | 131 | .15 | 4 | 7.54 | .01 | .08 | 3 | 160 |
| L1300S 100E P | 1 | 4 | 5 | 16 | .4 | 1 | 1 | 141 | .16 | 2 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 4 | .31 | .054 | 2 | 2 | .06 | 16 | .01 | 5 | .15 | .02 | .09 | 1 | 270 |
| L1300S 120E P | 1 | 7 | 8 | 19 | .2 | 3 | 4 | 355 | 1.19 | 2 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 36 | .21 | .065 | 2 | 7 | .14 | 90 | .03 | 2 | 1.43 | .02 | .04 | 1 | 230 |
| L1300S 140E | 2 | 22 | 5 | 30 | .4 | 6 | 5 | 198 | 7.18 | 5 | 5 | ND | 1 | 30 | 1 | 5 | 2 | 160 | .05 | .028 | 3 | 28 | .20 | 153 | .12 | 2 | 4.59 | .01 | .02 | 1 | 150 |
| L1300S 160E | 1 | 16 | 7 | 30 | .2 | 5 | 7 | 301 | 5.05 | 7 | 5 | ND | 1 | 19 | 1 | 5 | 4 | 274 | .03 | .011 | 3 | 15 | .07 | 89 | .23 | 2 | .83 | .01 | .03 | 1 | 40 |
| L1300S 180E P | 1 | 20 | 11 | 106 | .4 | 7 | 18 | 2749 | 6.46 | 4 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 105 | .35 | .038 | 3 | 19 | 1.28 | 93 | .05 | 2 | 3.14 | .02 | .10 | 1 | 20 |
| L1300S 200E | 1 | 6 | 7 | 13 | .2 | 1 | 2 | 113 | 2.51 | 2 | 5 | ND | 1 | 31 | 1 | 4 | 2 | 77 | .08 | .045 | 2 | 7 | .09 | 81 | .06 | 2 | 1.48 | .01 | .03 | 1 | 80 |
| L1300S 220E P | 1 | 6 | 13 | 11 | .5 | 3 | 4 | 1107 | 1.06 | 4 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 49 | .12 | .113 | 3 | 12 | .10 | 91 | .02 | 2 | 1.90 | .01 | .04 | 1 | 260 |
| L1300S 280E P | 1 | 5 | 6 | 6 | .4 | 3 | 1 | 40 | .86 | 2 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 29 | .13 | .124 | 2 | 5 | .05 | 54 | .01 | 2 | .95 | .01 | .02 | 1 | 180 |
| L1325S BL | 1 | 11 | 12 | 31 | .3 | 7 | 6 | 418 | 2.81 | 5 | 5 | ND | 1 | 49 | 1 | 4 | 2 | 93 | .17 | .037 | 4 | 17 | .45 | 94 | .08 | 2 | 2.59 | .01 | .03 | 1 | 170 |
| L1350S 80W | 1 | 6 | 13 | 16 | .1 | 2 | 3 | 299 | 1.73 | 4 | 5 | ND | 1 | 41 | 1 | 3 | 2 | 70 | .09 | .014 | 3 | 10 | .14 | 94 | .11 | 2 | 1.35 | .01 | .03 | 1 | 40 |
| L1350S 60W | 1 | 5 | 10 | 7 | .1 | 2 | 2 | 205 | 1.12 | 2 | 5 | ND | 1 | 37 | 1 | 3 | 2 | 57 | .07 | .009 | 3 | 8 | .10 | 87 | .11 | 2 | 1.05 | .01 | .03 | 1 | 30 |
| L1350S 40W P | 1 | 8 | 10 | 25 | .4 | 6 | 7 | 653 | 2.12 | 5 | 5 | ND | 1 | 45 | 1 | 2 | 3 | 59 | .14 | .101 | 3 | 14 | .21 | 94 | .05 | 2 | 1.95 | .02 | .05 | 1 | 230 |
| L1350S 100E | 1 | 26 | 17 | 62 | .5 | 14 | 16 | 1216 | 4.64 | 5 | 5 | ND | 1 | 91 | 1 | 6 | 2 | 106 | .37 | .066 | 4 | 25 | .97 | 142 | .11 | 2 | 4.35 | .02 | .04 | 1 | 180 |
| L1350S 140E | 1 | 6 | 9 | 10 | .3 | 1 | 2 | 149 | .54 | 2 | 5 | ND | 1 | 41 | 1 | 3 | 2 | 26 | .14 | .034 | 2 | 6 | .06 | 73 | .02 | 2 | .95 | .01 | .02 | 1 | 130 |
| L1350S 180E | 1 | 17 | 4 | 25 | .2 | 6 | 7 | 294 | 5.05 | 3 | 5 | ND | 1 | 20 | 1 | 6 | 3 | 258 | .05 | .006 | 2 | 16 | .06 | 66 | .25 | 2 | .46 | .01 | .01 | 1 | 20 |
| L1350S 200E P | 1 | 25 | 14 | 103 | .4 | 8 | 20 | 2738 | 6.60 | 2 | 5 | ND | 1 | 41 | 1 | 8 | 2 | 105 | .37 | .044 | 2 | 18 | 1.62 | 143 | .05 | 2 | 3.44 | .04 | .11 | 1 | 10 |
| L1350S 240E | 1 | 29 | 12 | 82 | .1 | 17 | 18 | 703 | 3.90 | 4 | 5 | ND | 1 | 76 | 1 | 7 | 2 | 111 | .25 | .048 | 4 | 44 | 1.49 | 133 | .09 | 2 | 5.35 | .02 | .04 | 1 | 100 |
| L1350S 260E | 1 | 25 | 2 | 34 | .1 | 6 | 7 | 278 | 6.53 | 9 | 5 | ND | 1 | 13 | 1 | 7 | 2 | 283 | .01 | .013 | 2 | 18 | .07 | 48 | .17 | 4 | .89 | .01 | .02 | 1 | 20 |
| L1350S 280E | 1 | 24 | 19 | 33 | .1 | 10 | 4 | 171 | 1.48 | 5 | 5 | ND | 1 | 54 | 1 | 6 | 2 | 110 | .08 | .047 | 4 | 27 | .39 | 137 | .12 | 2 | 4.45 | .01 | .03 | 3 | 160 |
| L1350S 300E P | 1 | 18 | 2 | 92 | .5 | 9 | 19 | 4666 | 6.97 | 7 | 5 | ND | 1 | 45 | 1 | 7 | 2 | 109 | .38 | .033 | 3 | 19 | 1.23 | 103 | .10 | 14 | 3.29 | .04 | .09 | 1 | 30 |
| STD C | 18 | 57 | 37 | 129 | 7.5 | 69 | 31 | 1023 | 4.06 | 41 | 17 | 8 | 36 | 47 | 19 | 15 | 21 | 58 | .48 | .095 | 36 | 55 | .85 | 173 | .07 | 41 | 1.86 | .06 | .14 | 13 | 1300 |

| 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 | Hg ppb |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| L1400S 100W P | 1 | 5 | 5 | 26 | .6 | 5 | 64 | 26210 | 5.21 | 7 | 5 | ND | 1 | 37 | 1 | 3 | 7 | 72 | .09 | .042 | 3 | 19 | .13 | 210 | .11 | 6 | 2.00 | .02 | .07 | 1 | 180 |
| L1400S 60W | 1 | 4 | 13 | 22 | .1 | 3 | 6 | 837 | 1.36 | 3 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 66 | .10 | .013 | 2 | 13 | .20 | 90 | .08 | 2 | 1.81 | .01 | .05 | 1 | 60 |
| L1400S 20E | 1 | 9 | 5 | 22 | .4 | 4 | 21 | 9058 | 4.13 | 6 | 5 | ND | 1 | 74 | 1 | 3 | 2 | 77 | .75 | .088 | 9 | 11 | .17 | 175 | .02 | 2 | 2.42 | .01 | .04 | 1 | 280 |
| L1400S 40E | 1 | 10 | 23 | 18 | .7 | 4 | 29 | 2138 | 7.81 | 5 | 5 | ND | 1 | 30 | 1 | 4 | 2 | 127 | .07 | .022 | 4 | 19 | .19 | 76 | .12 | 5 | 2.88 | .01 | .04 | 1 | 130 |
| L1400S 80E | 1 | 13 | 11 | 24 | .1 | 4 | 5 | 223 | 6.47 | 6 | 5 | ND | 1 | 19 | 1 | 6 | 8 | 301 | .04 | .015 | 2 | 15 | .28 | 73 | .22 | 2 | 2.25 | .01 | .04 | 1 | 60 |
| L1400S 100E | 1 | 16 | 11 | 29 | .2 | 2 | 9 | 1053 | 8.39 | 7 | 5 | ND | 1 | 24 | 1 | 6 | 5 | 277 | .10 | .016 | 2 | 15 | .37 | 57 | .17 | 2 | 1.68 | .01 | .03 | 1 | 30 |
| L1400S 160E | 1 | 21 | 17 | 144 | .7 | 10 | 34 | 9549 | 9.44 | 5 | 5 | ND | 1 | 48 | 1 | 8 | 2 | 126 | .49 | .046 | 3 | 23 | 1.06 | 162 | .06 | 2 | 3.95 | .02 | .04 | 1 | 60 |
| L1400S 180E | 1 | 23 | 25 | 41 | .4 | 5 | 6 | 277 | 9.95 | 5 | 5 | ND | 1 | 21 | 1 | 7 | 7 | 190 | .04 | .023 | 2 | 36 | .25 | 83 | .19 | 2 | 5.75 | .01 | .04 | 2 | 120 |
| L1400S 220E | 1 | 27 | 13 | 37 | .6 | 6 | 7 | 256 | 8.72 | 8 | 5 | ND | 1 | 14 | 1 | 8 | 2 | 209 | .05 | .029 | 2 | 30 | .17 | 87 | .20 | 2 | 5.35 | .01 | .03 | 1 | 650 |
| L1400S 240E | 1 | 22 | 14 | 37 | .1 | 10 | 6 | 342 | 2.96 | 8 | 5 | ND | 1 | 51 | 1 | 8 | 2 | 141 | .16 | .035 | 3 | 25 | .56 | 89 | .14 | 2 | 4.26 | .01 | .04 | 3 | 180 |
| L1400S 260E | 1 | 18 | 16 | 90 | .4 | 9 | 19 | 4884 | 5.36 | 6 | 5 | ND | 1 | 56 | 1 | 7 | 2 | 96 | .55 | .041 | 3 | 15 | .98 | 92 | .08 | 2 | 3.49 | .02 | .04 | 1 | 100 |
| L1400S 280E | 1 | 19 | 16 | 87 | .4 | 9 | 20 | 6284 | 5.27 | 10 | 5 | ND | 1 | 65 | 1 | 5 | 2 | 92 | .60 | .044 | 3 | 18 | .88 | 108 | .07 | 4 | 3.60 | .02 | .04 | 1 | 130 |
| L1400S 300E | 1 | 18 | 20 | 42 | .4 | 6 | 6 | 256 | 6.95 | 5 | 5 | ND | 1 | 19 | 1 | 7 | 3 | 145 | .05 | .034 | 2 | 27 | .43 | 112 | .14 | 2 | 5.15 | .01 | .04 | 1 | 110 |
| L1450S BL | 1 | 20 | 34 | 41 | .5 | 8 | 6 | 199 | 7.08 | 3 | 5 | ND | 1 | 16 | 1 | 10 | 3 | 151 | .04 | .034 | 2 | 28 | .31 | 90 | .16 | 3 | 6.71 | .01 | .04 | 3 | 200 |
| L1450S 20E | 1 | 8 | 25 | 35 | .1 | 7 | 5 | 606 | 3.19 | 6 | 5 | ND | 1 | 43 | 1 | 4 | 2 | 133 | .09 | .024 | 4 | 20 | .42 | 104 | .16 | 2 | 3.07 | .01 | .04 | 1 | 100 |
| L1450S 40E | 1 | 14 | 17 | 34 | .5 | 8 | 6 | 650 | 2.93 | 6 | 5 | ND | 1 | 45 | 1 | 4 | 2 | 90 | .17 | .077 | 6 | 22 | .34 | 89 | .08 | 2 | 4.11 | .02 | .03 | 1 | 220 |
| L1450S 80E | 1 | 3 | 8 | 10 | .1 | 3 | 1 | 44 | .38 | 2 | 5 | ND | 1 | 79 | 1 | 2 | 2 | 24 | .29 | .063 | 3 | 9 | .10 | 104 | .05 | 2 | 1.36 | .01 | .05 | 1 | 130 |
| L1450S 100E | 1 | 23 | 17 | 36 | .3 | 11 | 7 | 235 | 7.11 | 2 | 5 | ND | 1 | 28 | 1 | 4 | 2 | 146 | .08 | .026 | 3 | 29 | .38 | 107 | .21 | 2 | 7.31 | .02 | .04 | 2 | 190 |
| L1450S 140E | 1 | 18 | 11 | 113 | .4 | 8 | 21 | 1949 | 8.84 | 9 | 5 | ND | 1 | 46 | 2 | 5 | 2 | 138 | .41 | .056 | 4 | 23 | .95 | 127 | .06 | 2 | 4.02 | .01 | .03 | 1 | 90 |
| L1450S 160E | 4 | 2 | 13 | 21 | .1 | 1 | 4 | 287 | 1.35 | 2 | 5 | ND | 1 | 8 | 1 | 2 | 6 | 30 | .09 | .006 | 2 | 2 | .13 | 25 | .02 | 2 | 1.18 | .01 | .01 | 18 | 130 |
| L1450S 180E | 1 | 2 | 2 | 13 | .1 | 2 | 3 | 120 | .78 | 2 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 22 | .06 | .002 | 2 | 3 | .07 | 18 | .02 | 2 | 1.02 | .01 | .01 | 1 | 50 |
| L1450S 200E | 1 | 11 | 9 | 24 | .1 | 6 | 8 | 546 | 5.55 | 15 | 5 | ND | 1 | 17 | 2 | 8 | 2 | 106 | .15 | .017 | 2 | 16 | .28 | 60 | .08 | 2 | 3.56 | .01 | .02 | 1 | 60 |
| L1450S 240E | 1 | 16 | 19 | 103 | .6 | 7 | 28 | 7695 | 7.84 | 3 | 5 | ND | 1 | 63 | 1 | 7 | 2 | 114 | .96 | .037 | 3 | 20 | 1.15 | 106 | .08 | 2 | 4.05 | .02 | .06 | 1 | 40 |
| L1450S 300E | 1 | 6 | 16 | 25 | .2 | 5 | 5 | 754 | 1.65 | 6 | 5 | ND | 1 | 41 | 1 | 3 | 2 | 65 | .11 | .022 | 3 | 13 | .25 | 79 | .05 | 2 | 2.39 | .01 | .04 | 1 | 70 |
| L1500S 20E | 1 | 8 | 23 | 42 | .7 | 4 | 18 | 5268 | 20.62 | 3 | 5 | ND | 1 | 23 | 2 | 6 | 2 | 240 | .04 | .046 | 4 | 31 | .34 | 70 | .14 | 2 | 5.09 | .01 | .04 | 1 | 170 |
| L1500S 40E P | 1 | 5 | 2 | 10 | .2 | 1 | 2 | 1246 | .17 | 2 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 5 | .30 | .036 | 2 | 2 | .04 | 12 | .01 | 8 | .10 | .02 | .03 | 1 | 400 |
| L1500S 60E | 1 | 7 | 7 | 14 | .1 | 1 | 3 | 204 | 2.31 | 3 | 5 | ND | 1 | 18 | 1 | 3 | 3 | 134 | .04 | .009 | 3 | 9 | .06 | 39 | .19 | 3 | .49 | .01 | .02 | 1 | 80 |
| L1500S 120E P | 1 | 10 | 8 | 29 | .2 | 3 | 10 | 4665 | 2.63 | 2 | 5 | ND | 1 | 40 | 1 | 4 | 2 | 78 | .21 | .066 | 5 | 13 | .16 | 97 | .06 | 2 | 2.01 | .02 | .04 | 1 | 160 |
| L1500S 140E P | 1 | 13 | 13 | 52 | .4 | 12 | 10 | 959 | 5.81 | 2 | 5 | ND | 1 | 52 | 1 | 5 | 2 | 124 | .20 | .036 | 3 | 22 | .64 | 123 | .12 | 2 | 2.89 | .02 | .05 | 1 | 80 |
| L1500S 180E | 1 | 4 | 27 | 33 | .3 | 3 | 7 | 892 | 6.25 | 12 | 5 | ND | 1 | 28 | 1 | 5 | 2 | 154 | .12 | .023 | 2 | 15 | .26 | 129 | .05 | 2 | 3.11 | .01 | .04 | 1 | 50 |
| L1500S 200E | 1 | 8 | 6 | 49 | .5 | 5 | 15 | 2268 | 10.79 | 4 | 5 | ND | 1 | 22 | 1 | 5 | 2 | 173 | .11 | .046 | 3 | 21 | .29 | 80 | .03 | 4 | 3.79 | .01 | .03 | 1 | 110 |
| L1500S 220E | 4 | 26 | 8 | 38 | .4 | 2 | 5 | 226 | 9.97 | 6 | 5 | ND | 1 | 14 | 1 | 7 | 3 | 162 | .03 | .044 | 2 | 21 | .28 | 56 | .02 | 2 | 4.48 | .01 | .05 | 2 | 130 |
| L1500S 240E | 1 | 58 | 18 | 71 | .3 | 15 | 21 | 580 | 3.75 | 4 | 5 | ND | 1 | 89 | 1 | 9 | 2 | 116 | 1.08 | .032 | 3 | 20 | 1.14 | 375 | .12 | 3 | 7.11 | .03 | .08 | 1 | 30 |
| L1500S 260E | 1 | 39 | 32 | 60 | .6 | 7 | 8 | 380 | 8.26 | 9 | 5 | ND | 1 | 15 | 1 | 9 | 2 | 106 | .08 | .039 | 2 | 24 | .62 | 71 | .06 | 2 | 9.38 | .01 | .04 | 4 | 140 |
| L1500S 280E | 1 | 18 | 11 | 29 | .2 | 5 | 6 | 215 | 6.12 | 9 | 5 | ND | 1 | 15 | 1 | 5 | 2 | 245 | .05 | .010 | 2 | 15 | .10 | 30 | .16 | 11 | 1.22 | .01 | .02 | 1 | 30 |
| L1500S 300E | 1 | 7 | 17 | 19 | .4 | 3 | 5 | 775 | 2.15 | 5 | 5 | ND | 1 | 30 | 1 | 3 | 2 | 86 | .10 | .033 | 3 | 11 | .15 | 64 | .05 | 2 | 1.69 | .01 | .04 | 1 | 100 |
| STD C | 18 | 57 | 41 | 132 | 7.3 | 67 | 31 | 1012 | 4.04 | 42 | 18 | 8 | 36 | 47 | 20 | 15 | 20 | 58 | .48 | .094 | 37 | 55 | .85 | 173 | .07 | 39 | 1.83 | .06 | .14 | 11 | 1400 |

| 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 | Hg ppb |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|
| BL 1250S 20C | 1 | 7 | 7 | 8 | .9 | 1 | 76 | 16106 | 19.02 | 5 | 6 | ND | 1 | 7 | 1 | 6 | 5 | 218 | .01 | .113 | 5 | 14 | .01 | 57 | .03 | 2 | 2.20 | .01 | .04 | 1 | 180 |
| BL 1300S 25C | 1 | 9 | 13 | 28 | .2 | 4 | 5 | 638 | 7.19 | 2 | 5 | ND | 1 | 30 | 1 | 6 | 5 | 128 | .11 | .034 | 4 | 12 | .29 | 62 | .07 | 6 | 2.27 | .01 | .03 | 1 | 70 |
| BL 1350S 30C | 1 | 8 | 17 | 25 | .2 | 5 | 21 | 1580 | 3.58 | 4 | 5 | ND | 1 | 36 | 1 | 3 | 2 | 92 | .06 | .017 | 3 | 17 | .25 | 124 | .11 | 2 | 2.43 | .01 | .04 | 1 | 150 |
| BL 1375S 50C | 1 | 33 | 5 | 80 | .1 | 17 | 17 | 598 | 3.08 | 3 | 5 | ND | 1 | 56 | 2 | 6 | 2 | 101 | .32 | .052 | 4 | 30 | 1.40 | 119 | .10 | 3 | 4.68 | .02 | .03 | 1 | 340 |
| BL 1400S 50C | 2 | 9 | 12 | 32 | .7 | 1 | 10 | 4097 | 15.60 | 7 | 5 | ND | 1 | 9 | 1 | 5 | 3 | 267 | .02 | .081 | 13 | 30 | .24 | 70 | .09 | 2 | 6.52 | .01 | .13 | 1 | 250 |
| BL 1500S 50C | 1 | 20 | 23 | 37 | .1 | 13 | 6 | 199 | 2.30 | 5 | 5 | ND | 1 | 25 | 2 | 5 | 2 | 108 | .05 | .038 | 4 | 39 | .57 | 121 | .12 | 2 | 8.29 | .01 | .03 | 2 | 80 |
| STD C | 17 | 58 | 43 | 129 | 7.3 | 66 | 31 | 969 | 4.02 | 43 | 19 | 7 | 35 | 46 | 19 | 14 | 21 | 57 | .45 | .094 | 36 | 55 | .88 | 173 | .07 | 40 | 1.92 | .06 | .14 | 13 | 1300 |

GEOCHEMICAL ANALYSIS CERTIFICATE

Doromin Resources Ltd. FILE # 90-0514R Page 8
827 W. Pender St., Vancouver BC

| SAMPLE# | AU* ppb | BA* ppm |
|---------|------------|------------|
| E 1 | 10 | 904 |
| E 2 | 5 | 1004 |
| E 3 | 5 | 672 |
| E 4 | 3 | 697 |
| E 5 | 2 | 871 |
| E 6 | 11 | 964 |
| E 7 | 3 | 834 |
| E 8 | 4 | 778 |
| E 9 | 4 | 671 |
| E 10 | 3 | 717 |
| E 11 | 10 | 727 |
| E 12 | 1 | 843 |
| E 13 | 2 | 692 |
| E 14 | 5 | 740 |
| E 15 | 8 | 718 |
| E 16 | 5 | 785 |
| E 17 | 10 | 794 |
| E 18 | 5 | 803 |
| E 19 | 6 | 904 |
| E 20 | 2 | 855 |
| E 21 | 3 | 908 |
| E 22 | 7 | 843 |
| E 23 | 1 | 743 |
| E 24 | 1 | 754 |
| E 25 | 2 | 714 |
| E 26 | 2 | 751 |
| E 27 | 2 | 614 |
| E 28 | 4 | 455 |
| E 29 | 3 | 658 |
| E 30 | 5 | 679 |
| E 31 | 2 | 677 |
| E 32 | 2 | 960 |
| E 33 | 1 | 929 |
| E 34 | 2 | 878 |
| E 35 | 1 | 839 |
| E 36 | 2 | 886 |

- SAMPLE TYPE: P1-P9 Soil Pulp P10 Rock Pulp
AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
BA* .1 GM SAMPLES FUSED WITH .6 GM LIBO2 DISSOLVED IN HNO3 ANALYSED BY ICP.

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

| SAMPLE# | AU* ppb | BA* ppm |
|---------|------------|------------|
| E 37 | 1 | 927 |
| E 38 | 5 | 896 |
| E 39 | 1 | 926 |
| E 40 | 3 | 940 |
| E 41 | 2 | 916 |
| E 42 | 3 | 943 |
| E 43 | 1 | 920 |
| E 44 | 1 | 893 |
| E 45 | 2 | 983 |
| G 1 | 1 | 521 |
| G 2 | 4 | 513 |
| G 3 | 2 | 506 |
| G 4 | 4 | 427 |
| G 5 | 1 | 515 |
| G 6 | 3 | 388 |
| G 7 | 1 | 399 |
| G 8 | 1 | 260 |
| G 9 | 1 | 268 |
| G 10 | 3 | 819 |
| G 11 | 1 | 477 |
| G 12 | 5 | 510 |
| G 13 | 1 | 360 |
| G 14 | 2 | 265 |
| G 15 | 3 | 179 |
| M 1 | 3 | 281 |
| M 2 | 3 | 350 |
| M 3 | 2 | 325 |
| M 4 | 1 | 306 |
| M 5 | 1 | 148 |
| M 6 | 4 | 201 |
| M 7 | 5 | 196 |
| M 8 | 5 | 306 |
| M 9 | 2 | 275 |
| M 10 | 3 | 397 |
| M 11 | 4 | 226 |
| M 12 | 1 | 258 |

| SAMPLE# | AU* ppb | BA* ppm |
|-------------|------------|------------|
| L1000S 100W | 19 | 857 |
| L1000S 80W | 17 | 928 |
| L1000S 40W | 16 | 824 |
| L1000S 20W | 9 | 694 |
| L1000S BL | 43 | 1071 |
| L1000S 40E | 8 | 547 |
| L1000S 60E | 24 | 709 |
| L1000S 80E | 1 | 909 |
| L1000S 120E | 8 | 353 |
| L1000S 140E | 2 | 643 |
| L1000S 180E | 3 | 137 |
| L1000S 200E | 5 | 403 |
| L1000S 280E | 1 | 130 |
| L1000S 367E | 1 | 698 |
| L1000S 400E | 3 | 485 |
| L1000S 550E | 9 | 510 |
| L1000S 600E | 1 | 419 |
| L1000S 750E | 1 | 708 |
| L1000S 800E | 1 | 663 |
| L1025S BL | 5 | 590 |
| L1050S 100W | 7 | 37 |
| L1050S 80W | 3 | 207 |
| L1050S 40W | 1 | 561 |
| L1050S 20W | 31 | 852 |
| L1050S BL | 4 | 493 |
| L1050S 20E | 7 | 623 |
| L1050S 40E | 7 | 661 |
| L1050S 60E | 2 | 459 |
| L1050S 80E | 2 | 64 |
| L1050S 120E | 6 | 514 |
| L1050S 160E | 1 | 283 |
| L1050S 180E | 1 | 312 |
| L1050S 240E | 1 | 104 |
| L1050S 280E | 4 | 516 |
| L1050S 300E | 7 | 473 |
| L1075S BL | 10 | 596 |

| SAMPLE# | AU* ppb | BA* ppm |
|---------------|------------|------------|
| L1100S 80W | 19 | 715 |
| L1100S 40W | 13 | 592 |
| L1100S 20W | 2 | 450 |
| L1100S BL | 2 | 644 |
| L1100S 20E | 5 | 684 |
| L1100S 40E | 3 | 762 |
| L1100S 180E | 5 | 714 |
| L1100S 200E | 3 | 666 |
| L1100S 220E | 4 | 311 |
| L1100S 240E | 3 | 282 |
| L1100S 300E | 3 | 306 |
| L1125S BL | 1 | 489 |
| L1125S BL (A) | 7 | 550 |
| L1150S 100W | 6 | 937 |
| L1150S 80W | 1 | 1170 |
| L1150S 60W | 3 | 152 |
| L1150S 40W | 1 | 1001 |
| L1150S 20W | 1 | 700 |
| L1150S BL | 1 | 780 |
| L1150S 20E | 2 | 343 |
| L1150S 100E | 3 | 237 |
| L1150S 160E | 1 | 67 |
| L1150S 200E | 1 | 636 |
| L1150S 260E | 1 | 583 |
| L1150S 280E | 1 | 540 |
| L1150S 300E | 3 | 677 |
| L1200S 40E | 3 | 787 |
| L1200S 60E | 6 | 778 |
| L1200S 180E | 1 | 401 |
| L1200S 200E | 1 | 427 |
| L1200S 220E | 5 | 629 |
| L1200S 260E | 6 | 437 |
| L1200S 300E | 11 | 647 |
| L1225S BL | 1 | 373 |
| L1250S 100W | 5 | 473 |
| L1250S 80W | 1 | 434 |

| SAMPLE# | AU* ppb | BA* ppm |
|-------------|------------|------------|
| L1250S 60W | 1 | 451 |
| L1250S 40W | 1 | 374 |
| L1250S 20E | 4 | 674 |
| L1250S 40E | 1 | 651 |
| L1250S 80E | 1 | 519 |
| L1250S 100E | 1 | 642 |
| L1250S 160E | 1 | 882 |
| L1250S 180E | 4 | 541 |
| L1250S 200E | 1 | 560 |
| L1250S 220E | 1 | 568 |
| L1250S 240E | 1 | 266 |
| L1250S 300E | 4 | 195 |
| L1275S BL | 3 | 581 |
| L1300S 80W | 3 | 455 |
| L1300S 40W | 1 | 244 |
| L1300S 20E | 1 | 519 |
| L1300S 100E | 4 | 53 |
| L1300S 120E | 3 | 583 |
| L1300S 140E | 1 | 551 |
| L1300S 160E | 2 | 422 |
| L1300S 180E | 1 | 636 |
| L1300S 200E | 1 | 531 |
| L1300S 220E | 1 | 330 |
| L1300S 280E | 1 | 187 |
| L1325S BL | 10 | 658 |
| L1350S 80W | 2 | 1013 |
| L1350S 60W | 1 | 1084 |
| L1350S 40W | 1 | 481 |
| L1350S 100E | 1 | 603 |
| L1350S 140E | 1 | 770 |
| L1350S 180E | 1 | 444 |
| L1350S 200E | 1 | 667 |
| L1350S 240E | 1 | 604 |
| L1350S 260E | 1 | 535 |
| L1350S 280E | 1 | 702 |
| L1350S 300E | 1 | 721 |

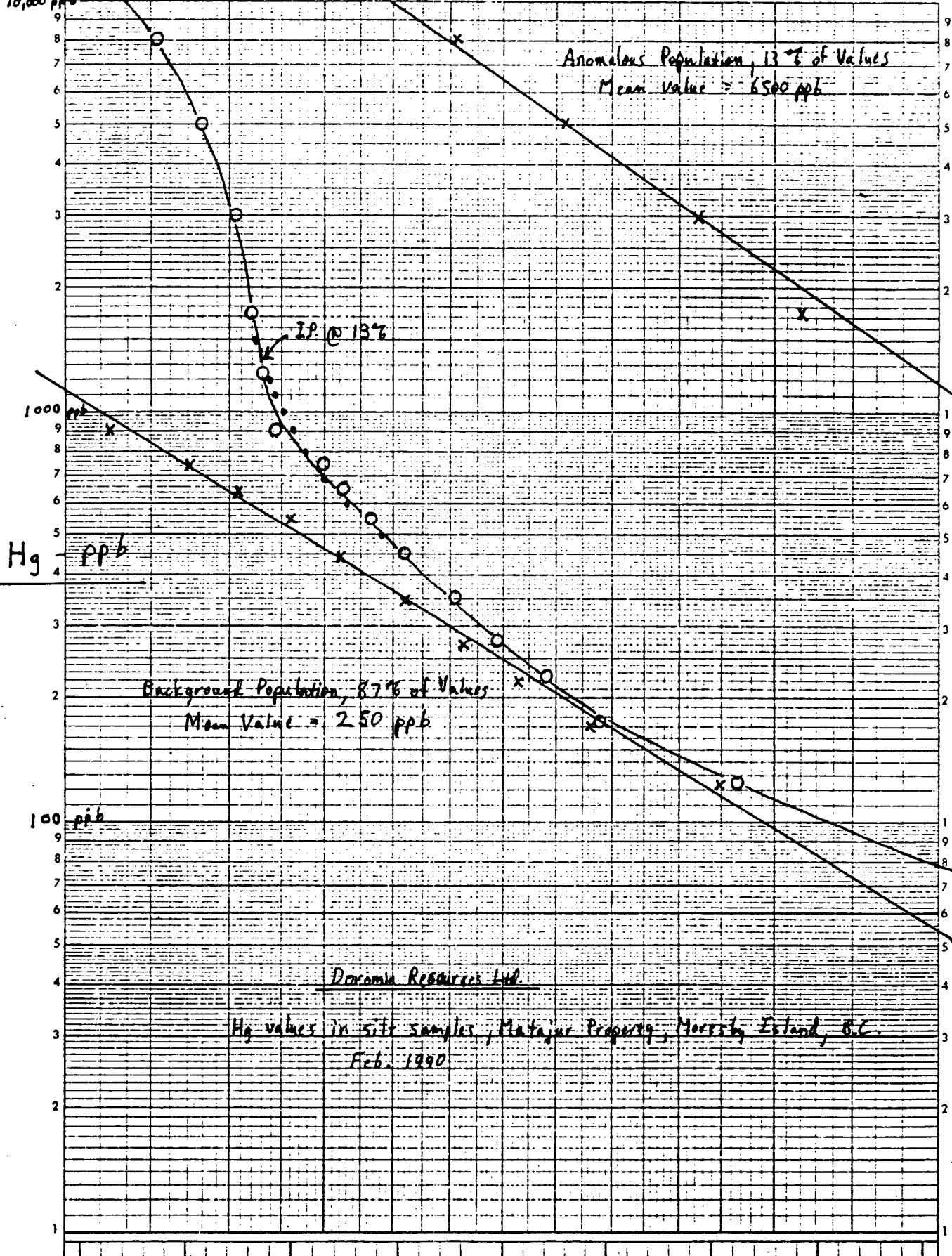
| SAMPLE# | AU* ppb | BA* ppm |
|-------------|------------|------------|
| L1400S 100W | 8 | 603 |
| L1400S 60W | 6 | 714 |
| L1400S 20E | 5 | 367 |
| L1400S 40E | 1 | 548 |
| L1400S 80E | 3 | 686 |
| L1400S 100E | 5 | 1504 |
| L1400S 160E | 4 | 569 |
| L1400S 180E | 3 | 387 |
| L1400S 220E | 1 | 408 |
| L1400S 240E | 1 | 546 |
| L1400S 260E | 1 | 486 |
| L1400S 280E | 1 | 483 |
| L1400S 300E | 1 | 437 |
| L1450S BL | 2 | 434 |
| L1450S 20E | 2 | 542 |
| L1450S 40E | 6 | 388 |
| L1450S 80E | 1 | 505 |
| L1450S 100E | 1 | 408 |
| L1450S 140E | 1 | 497 |
| L1450S 160E | 1 | 471 |
| L1450S 180E | 1 | 421 |
| L1450S 200E | 1 | 446 |
| L1450S 240E | 7 | 490 |
| L1450S 300E | 1 | 656 |
| L1500S 20E | 1 | 357 |
| L1500S 40E | 1 | 48 |
| L1500S 60E | 1 | 322 |
| L1500S 120E | 1 | 416 |
| L1500S 140E | 1 | 597 |
| L1500S 180E | 1 | 520 |
| L1500S 200E | 1 | 405 |
| L1500S 220E | 1 | 275 |
| L1500S 240E | 2 | 937 |
| L1500S 260E | 3 | 358 |
| L1500S 280E | 2 | 289 |
| L1500S 300E | 5 | 527 |

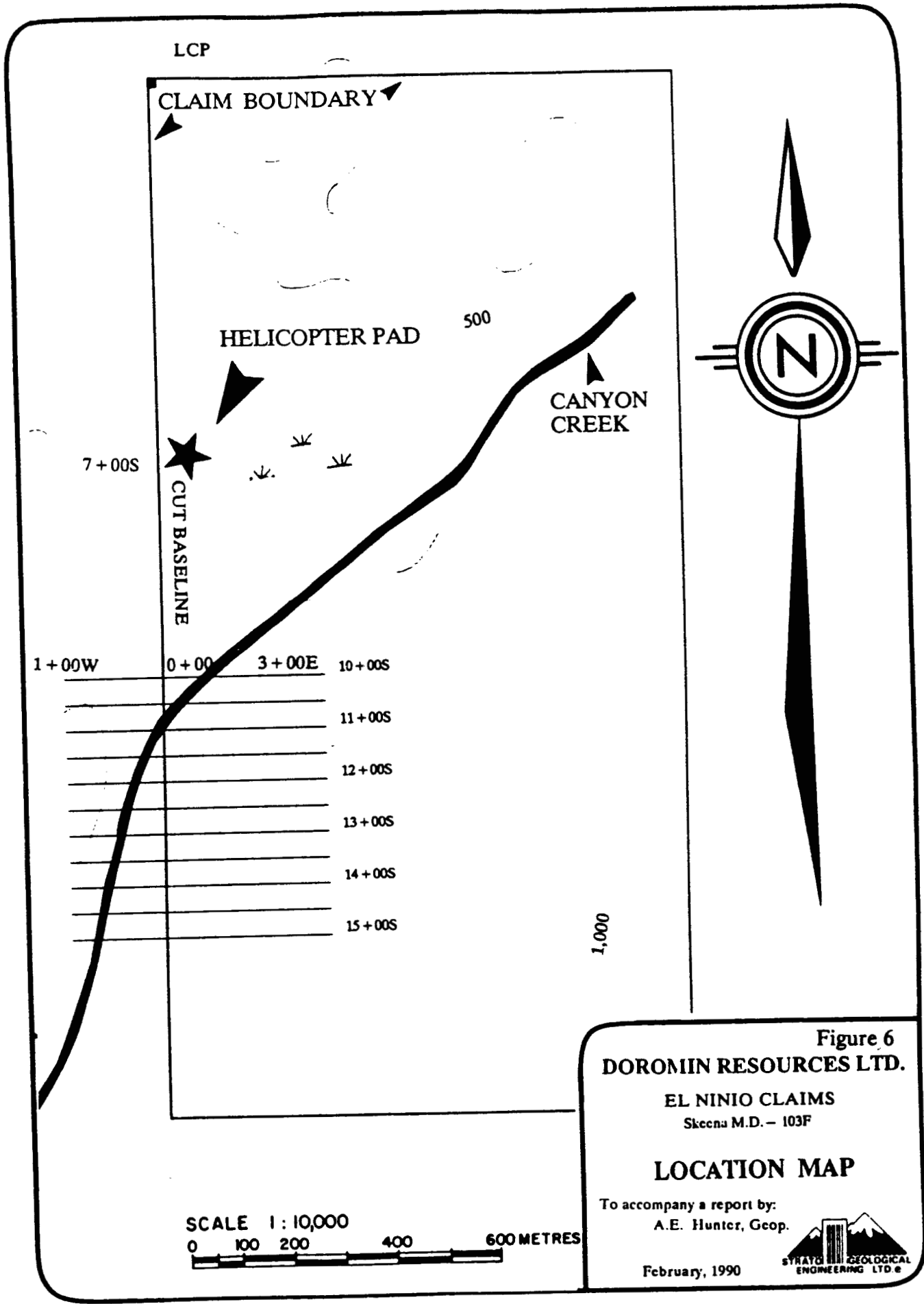
| SAMPLE# | AU* ppb | BA* ppm |
|--------------|------------|------------|
| BL 1250S 20C | 1 | 115 |
| BL 1300S 25C | 4 | 790 |
| BL 1350S 30C | 2 | 575 |
| BL 1375S 50C | 1 | 555 |
| BL 1400S 50C | 3 | 340 |
| BL 1500S 50C | 4 | 391 |

Cumulative Probability Plot

PERCENTAGE

2% 5 10 15 20 30 40 50 60 70 80 85 90 95 98%





1+00 W

0+00 E

1+00 E

2+00 E

3+00 E



10+00 S

HAWAII

11+00 S

SEATTLE

12+00 S

SEATTLE

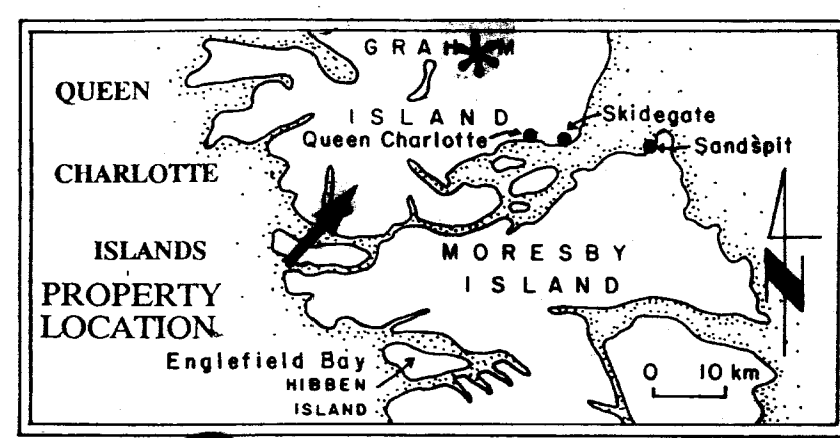
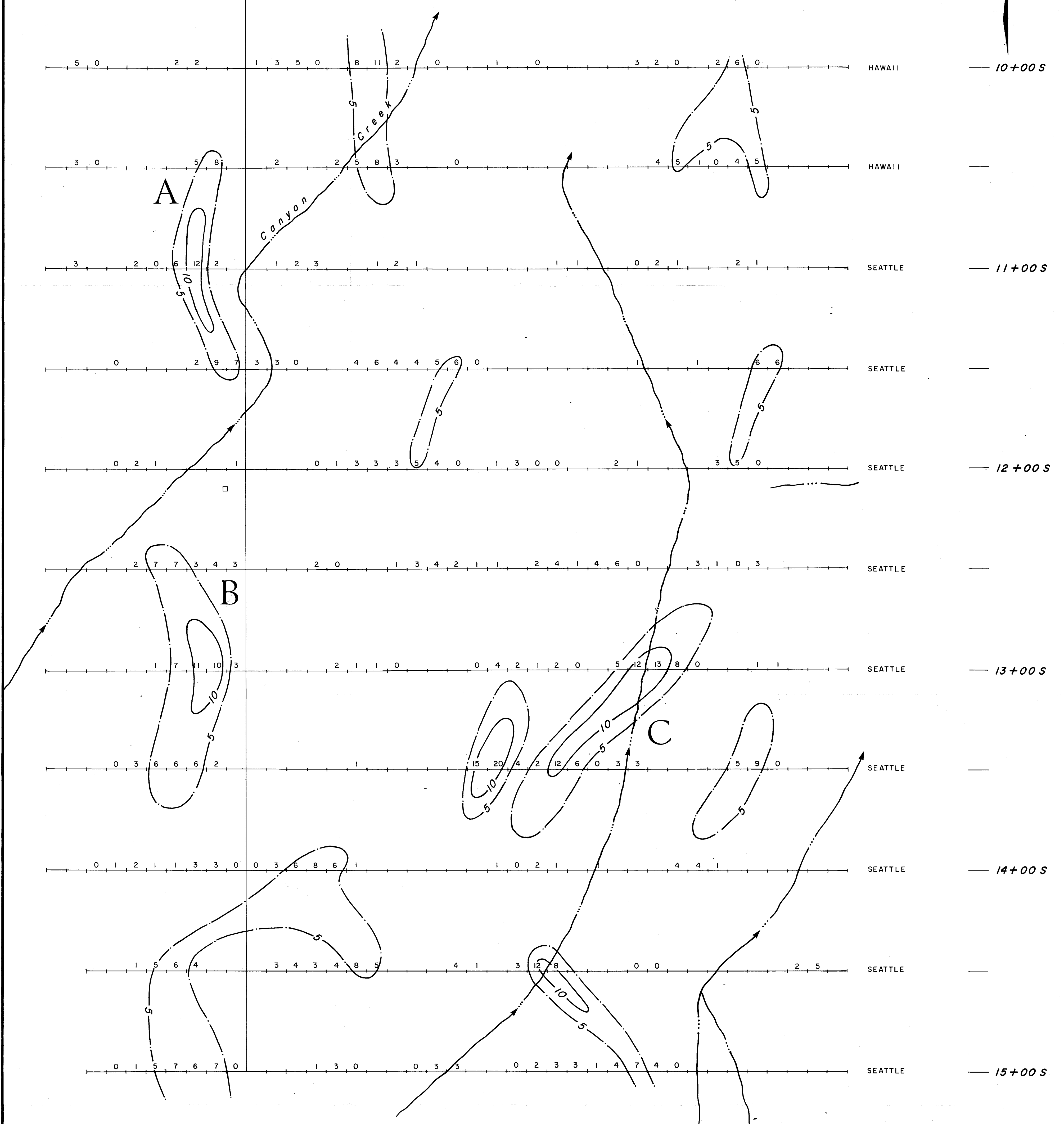
13+00 S

SEATTLE

14+00 S

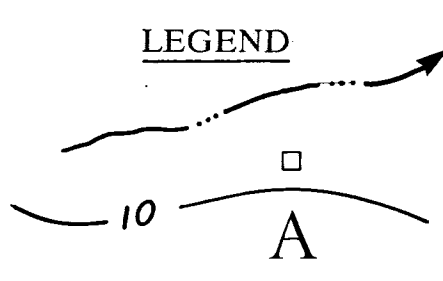
SEATTLE

15+00 S



20336

SCALE 1:1000
0 25 50 75 METRES



Stream
Claim Post
VLF-EM Fraser Filter Contours
Anomaly A

Notes:
Fraser Filter: (A+B) - (C+D)
where A to D are dip angles collected
from west to east on east-west lines.
Contour Interval: 5 & 10
VLF-EM Receiver: Sabre Electronics Model 27
VLF-EM Transmitter: Luualalei Hawaii;
Frequency: 23.4 kHz
Seattle Washington;
Frequency: 21.4 kHz

FIGURE 9A

| | |
|-----------------------------------------------|----------------------|
| DOROMIN RESOURCES LTD. | |
| EL NINIO CLAIMS Skeena M.D. - NTS 103F/8E | |
| VLF-EM FRASER FILTER EL NINIO GRID | |
| To accompany a report by: A.E. Hunter, Geop. | |
| Drawn By: AEH/DM | Date: February, 1990 |



1+00 W

0+00 E

1+00 E

2+00 E

3+00 E



10+00 S

DA FS
15 50
10 40
5 30
HAWAII

DA FS
15 50
10 40
5 30
HAWAII

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

DA FS
15 50
10 40
5 30
SEATTLE

11+00 S

12+00 S

13+00 S

14+00 S

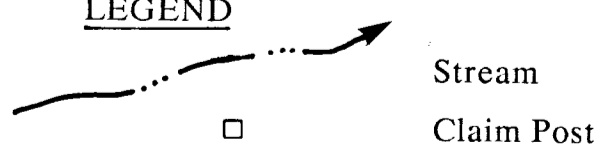
15+00 S

NO MARKED LINE
FROM 0+60 W TO 1+00 W

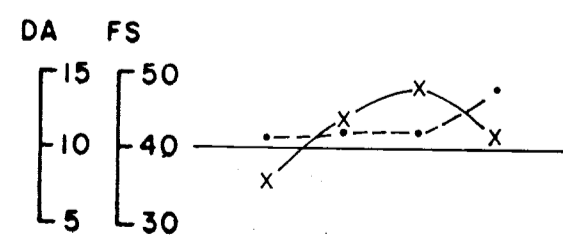
NO MARKED LINE
FROM 0+00 TO 1+00 W

NO MARKED LINE
FROM 0+00 W TO 1+00 W

LEGEND

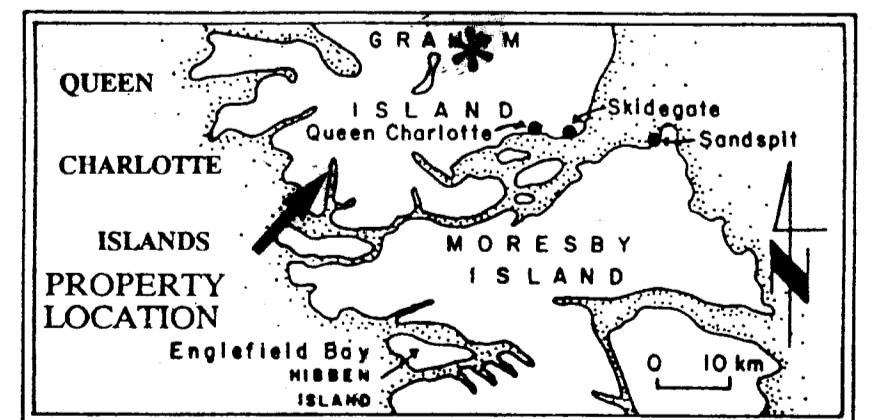


GEOPHYSICS LEGEND



X-X VLF-EM DIP ANGLE (DA)
- - - VLF-EM FIELD STRENGTH (FS)

VLF-EM Receiver: Sabre Electronics Model 27
VLF-EM Transmitter: Lualualei Hawaii;
Frequency: 23.4 kHz
Seattle Washington;
Frequency: 21.4 kHz



20336

SCALE 1:1000
0 25 50 75 METRES

FIGURE 8A

DOROMIN RESOURCES LTD.

EL NINIO CLAIMS
Skeena M.D. - NTS 103F/8E

VLF-EM PLOT PLAN
EL NINIO GRID

To accompany a report by: A.E. Hunter, Geop.

Drawn By: AEH/DM

Date:

February, 1990



1+00 W

0+00 E

1+00 E

2+00 E

3+00 E



10+00 S

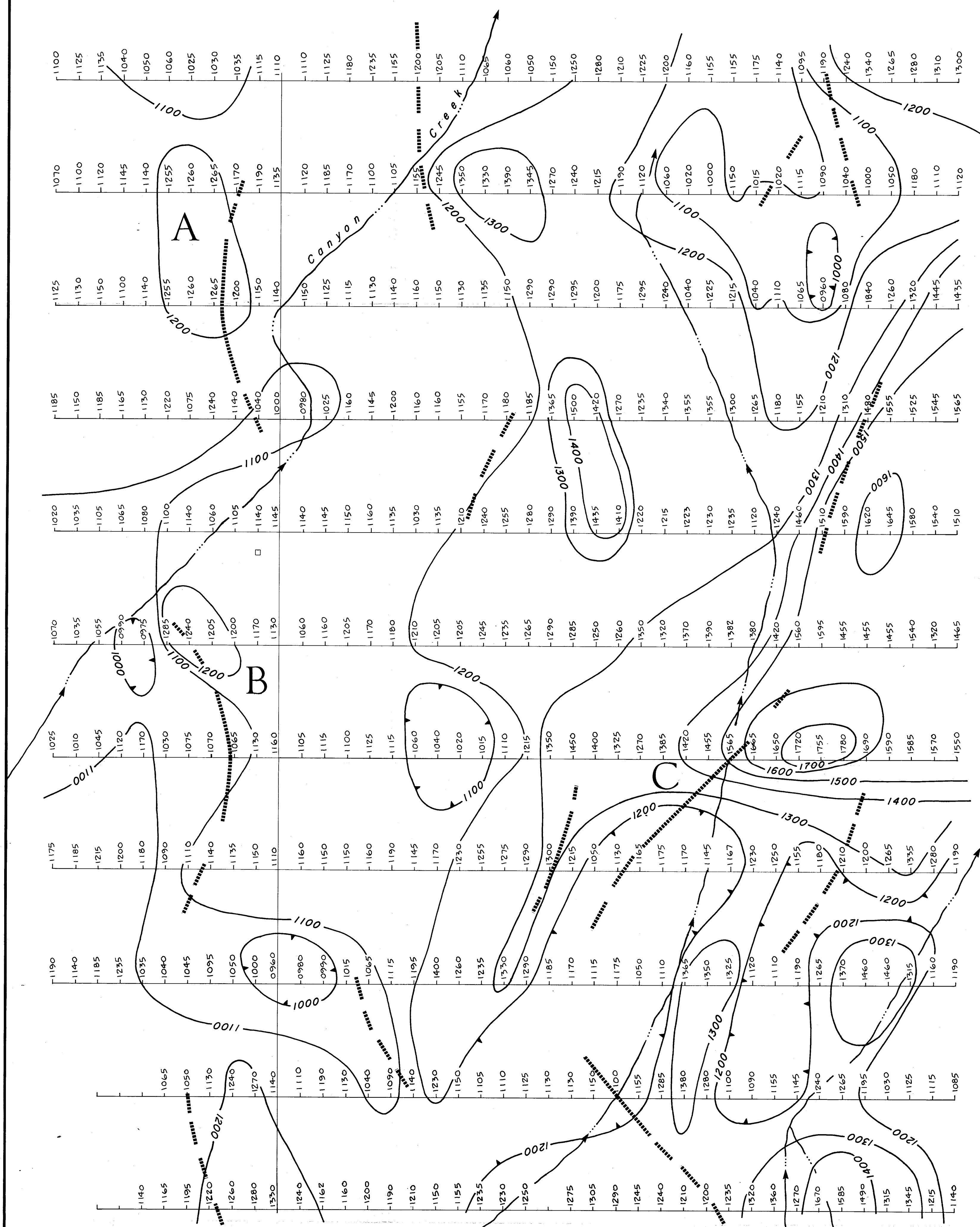
11+00 S

12+00 S

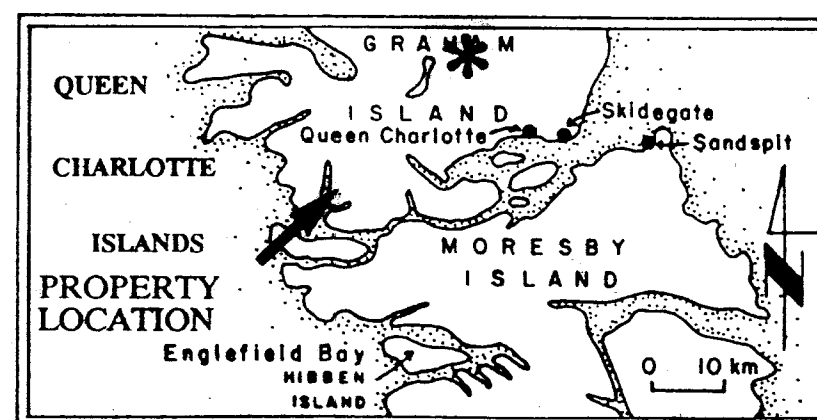
13+00 S

14+00 S

15+00 S



20336



SCALE 1:1000
0 25 50 75 METRES

FIGURE 10A

LEGEND

| | |
|--|-------------------------------------|
| | Stream |
| | Claim Post |
| | Total Magnetic Field Contour |
| | VLF-EM Conductors (very weak, weak) |

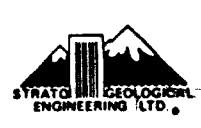
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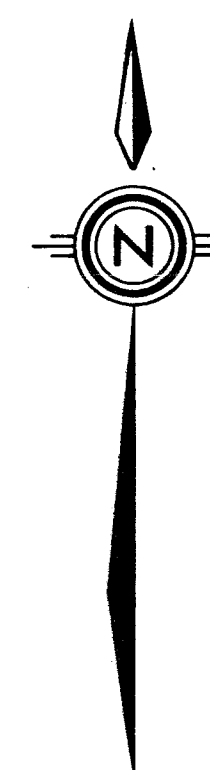
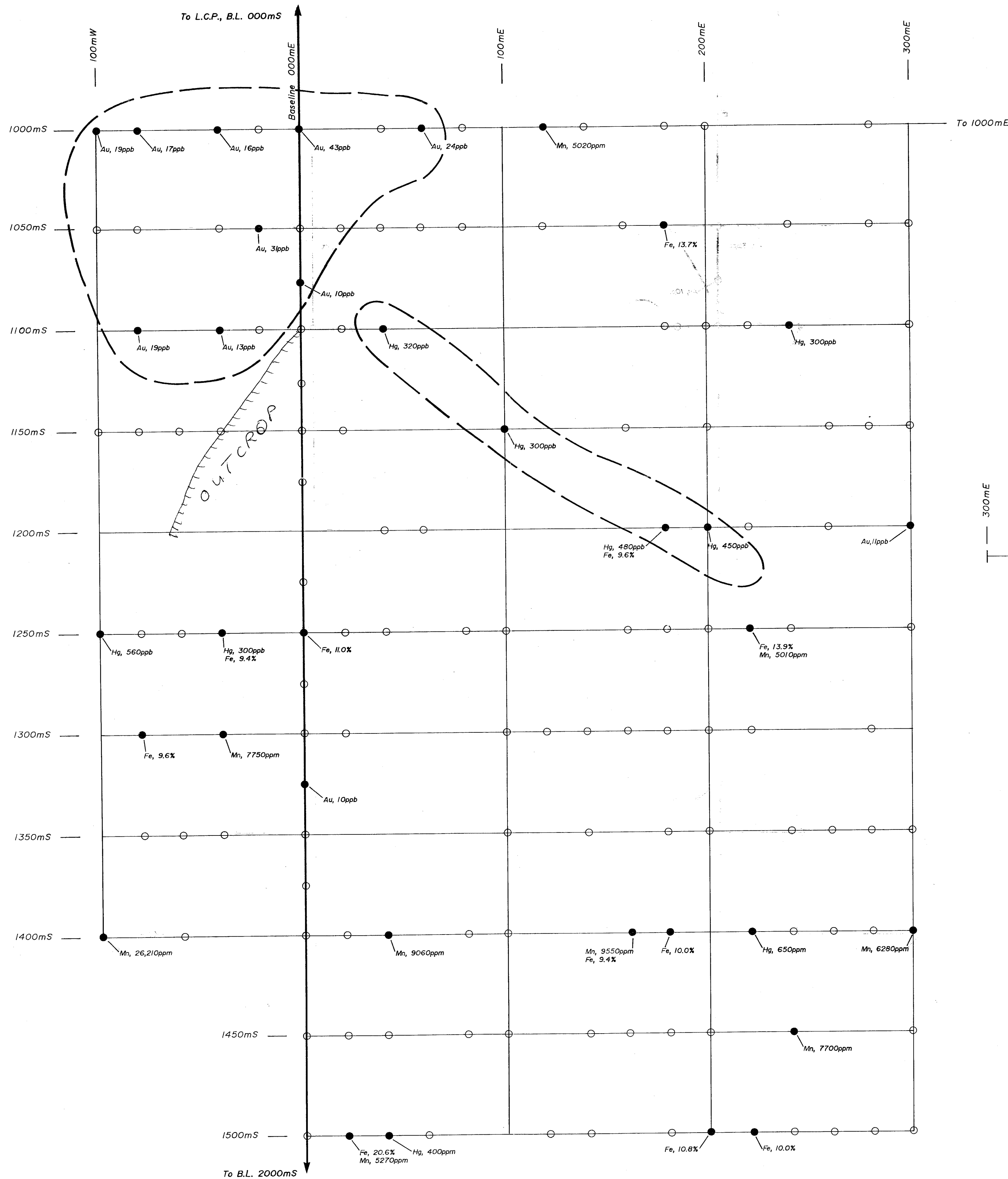
Magnetometer: Scintrex MP2 Proton Precession Magnetometer

Datum Level: 55,000 Gammas

Contour Intervals: 1,000, 1,100, 1,200, 1,400, 1,500, 1,600, 1,700 Gammas above base level

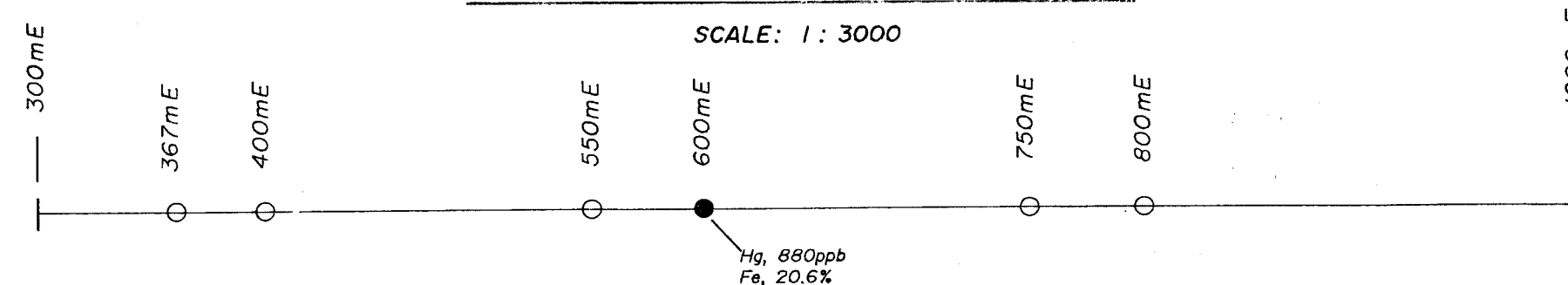
| | |
|-----------------------------------------------|--------------------|
| DOROMIN RESOURCES LTD. | |
| EL NINIO CLAIMS Skeena M.D. - NTS 103F/8E | |
| TOTAL MAGNETIC FIELD EL NINIO GRID | |
| To accompany a report by: | A.E. Hunter, Geop. |
| Drawn By: | Date: |
| AEH/DM | February, 1990 |





INSET: L - 1000mS (300mE to 1000mE)

SCALE: 1: 3000



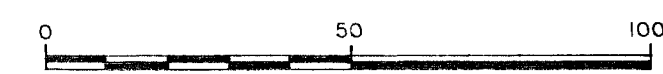
20336

LEGEND

- Sample site, no anomalous values
- Sample site, anomalous values present
- Hg, 560ppb Anomalous assay values

EFREM NOTES

- HIGH BARIUM VALUES WITH AU VALUES.
- QUARTZ VEINS IN ALTERATION STRIKING N20°E SIMILAR TO GEOPHYSICS ANOMALY, ALSO STRIKE SAME DIRECTION AS CINOLA.



| | | |
|---------------------------------------------------------------------------------------------------------------|--------------------------|------------|
| McINTYRE ASSOCIATES Mining & Geological Consultants Surrey, B.C. | | |
| DOROMIN RESOURCES LTD. Vancouver British Columbia | | |
| SOIL SAMPLE GRID EL NINIO PROPERTY | | |
| DATE: February 1990 | GEOLOGY BY: R.F.McINTYRE | FIGURE: 2A |
| DRAWN: BDS/ER | SCALE: 1: 1250 | |

