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PART 2 OF 2

REPORT ON

INDUCED POLARIZATION AND RESISTIVITY SURVEYS

ON THE

NUF 1, TUN 1 AND VIT 1 CLAIMS

KAMLOOPS MINING DIVISION

LITTLE FORT, BRITISH COLUMBIA

FOR

VITAL PACIFIC RESOURCES LTD.

BY

INTERPRETEX RESOURCES LTD.

Vancouver, B.C.
July, 1987

Project #87612
E.R. Rockel

TABLE OF CONTENTS

LIST OF FIGURES

1. SUMMARY

The present induced polarization and resistivity survey appears to have detected a near surface, highly chargeable layer of very low resistivity carbonaceous material containing graphite as well as a more widespread unit of chargeable material with higher resistivity. The graphitic layer may overly and appears to be flanked by the more resistive rock containing anomalous chargeability. The higher resistivity chargeability anomalies are interpreted to be caused by sulphides. The sulphide interpretation is supported by the prevalence of sulphide bearing bedrock and iron stain found within the survey grid.

Geological and geochemical information should be used to establish priorities for subsurface exploration of probable sulphide targets listed in Section 5.2 Conclusions of this report. The zone interpreted as graphitic should be investigated to confirm graphite as the cause of the entire low resistivity anomaly and to ensure that no economic mineralogical associations are overlooked.

2. INTRODUCTION

2.1 General

This report pertains to an induced polarization-resistivity survey program carried out on a portion of the Nuf 1, Tun 1 and Vit 1 claims northeast of Little Fort, British Columbia during June and July, 1987. The survey was carried out on a grid based on an "older" grid system established a number of years earlier. The present grid was cut on lines mid way between "older" survey lines. Line cutting was completed before I.P. survey field personnel arrived at the survey site.

2.2 Objectives

- to determine the value of the induced polarization method for locating mineralized zones in the survey area.
- to outline areas of interest for further exploration by trenching or drilling.

2.3 Method

An induced polarization-resistivity survey program using the pole-dipole array was undertaken to fulfill the objectives.

2.4 Location

- north of Highway 24 and Long Island Lake
- Kamloops Mining Division
- Haida Gold Project Nuf 1, Tun 1 and Vit 1 claims
- NTS 92 P/9W
- Lat. 51 deg. 30 min. N., Long. 120 deg. 25 min. W.

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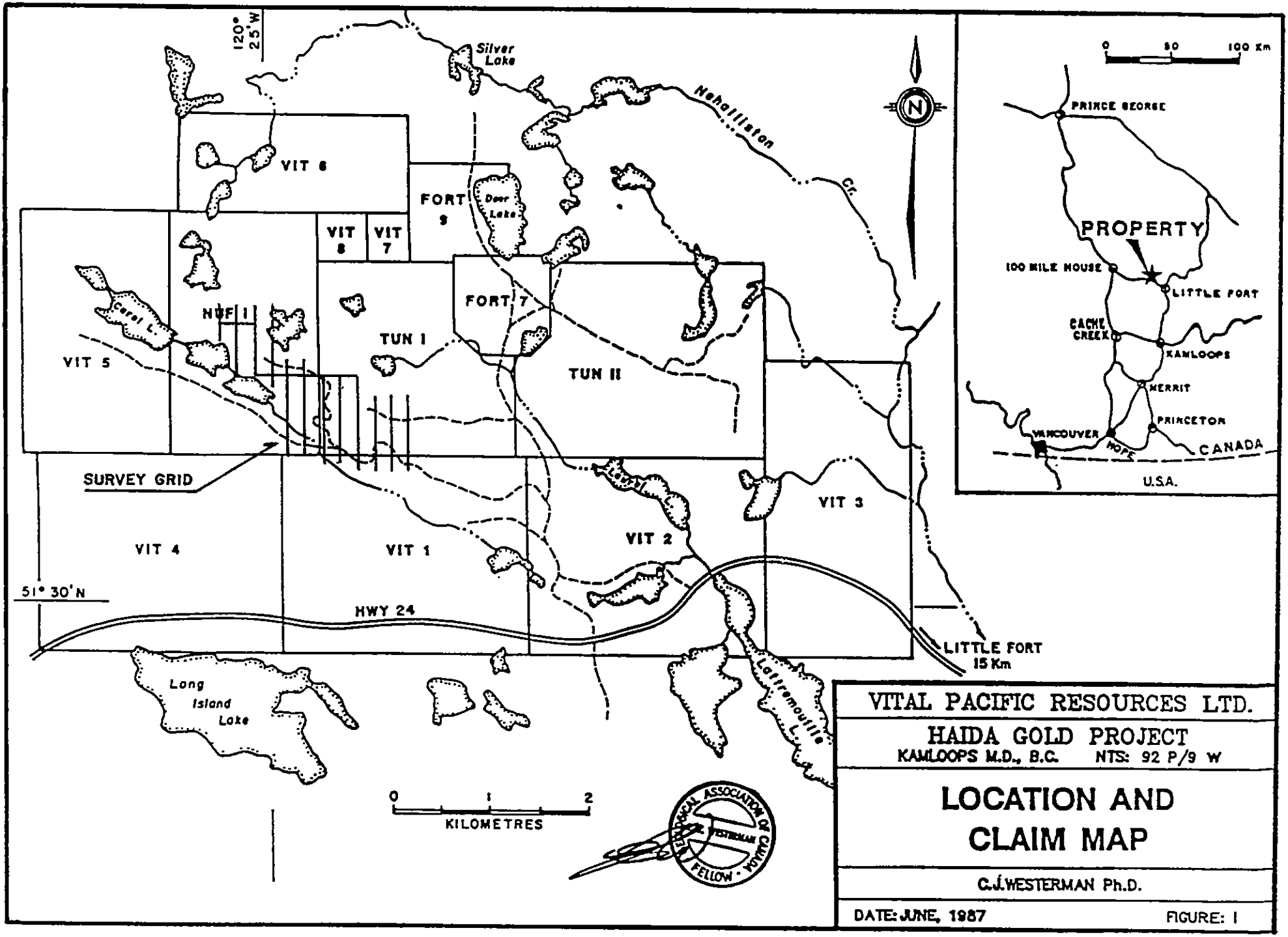

120° 25' W
Silver Lake
Nahalliston Cr.
VIT 6
FORT 9
Deer Lake
VIT 8
VIT 7
FORT 7
NUF 1
Carol L.
TUN I
TUN II
VIT 5
SURVEY GRID
VIT 4
VIT 1
VIT 2
VIT 3
Lovell L.
51° 30' N
HWY 24
LITTLE FORT 15 Km
Long Island Lake
Lafrenouille L.
0 1 2
KILOMETRES
N
0 50 100 Km
PRINCE GEORGE
PROPERTY
100 MILE HOUSE
LITTLE FORT
CACHE CREEK
KAMLOOPS
MERRIT
PRINCETON
VANCOUVER
HOPE
CANADA
U.S.A.
VITAL PACIFIC RESOURCES LTD.
HAIDA GOLD PROJECT
KAMLOOPS M.D., B.C. NTS: 92 P/9 W
LOCATION AND CLAIM MAP
C.J. WESTERMAN Ph.D.
DATE: JUNE, 1987
FIGURE: 1

2.5 Access

Access to the property was via truck from Little Fort to the Deer Lake road and then left on the Carol Lake road which runs through the present survey grid.

2.6 Operations and Communications

- personnel and equipment were mobilized from Vancouver, B.C. by truck to Little Fort, B.C. and the camp site within the survey grid
- accommodation for all personnel was in a five man camp near the southeast corner of the survey grid
- food was obtained in Barrier, B.C. and water was brought in from Little Fort and Barrier
- communications were by land line telephone from Little Fort. Field communications were by C.B. base station and walkie talkie radios
- two four wheel drive trucks were used to carry personnel and equipment into the camp site and for transportation within the survey grid.

2.7 Physiography

Vegetation ranged from spruce and pine forest to brush on clear cut (logged off) areas.

Topography in the survey area was moderate with a few steep slopes.

2.8 Previous Work

VLF EM and magnetic surveys were carried out over a larger grid area, referred to here as the "older" grid, and compiled by Ager, Berretta & Associates Inc. of Vancouver, B.C. in January, 1981. VLF EM Fraser Filter data show a number of approximately east-west trending conductive features while the magnetic contours, contoured at 1000, 2000, 4000, and 8000 gamma intervals, shows a major magnetic feature trending roughly northwest. Recontouring by the writer of the "older" magnetic data west of, and including, line 600W, at 25 gamma intervals, reveals the same general northwesterly trend in the present survey area.

3. SURVEY SPECIFICATIONS

3.1 Survey Parameters

- survey line separation - 200 meters
- survey station spacing - 50 meters for all induced polarization survey
- horizontal control - lines were surveyed by compass and hip chain with estimated slope corrections
  - stations were located using felt pen markings and flagging tied to vegetation
  - grid tied in to older grid base lines. ...4

- base line direction - east-west
- survey lines were perpendicular to the base line
- IP survey was carried out on lines 700W to 2900W (odd only)
- survey total 11.4 kilometers

3.2 Equipment Parameters

Induced Polarization Survey
- Huntec Mk II 7.5 kilowatt transmitter
- Huntec Mk IV time domain receiver
- apparent chargeability measured in milliseconds
- potential electrode voltage measured in millivolts
- apparent resistivity calculated in ohm-meters
- dipole spacing a = 50 meters, n = 1 to 6
- pole-dipole method with pole southerly and dipole northerly

3.3 Equipment Specifications - see Appendix III

4. DATA

4.1 Calculations

Apparent resistivity values were calculated using the formula;

$$Pa = 2n(n + 1)PI*a*(V/i)$$

where: n = "n" value of 1 to 6
PI = 3.14
a = electrode separation (meters)
V = observed voltage (millivolts)
i = observed curent (amps)
* = "multiplied by"

Metal Factor values were computed using the formula;

$$MF = (Ma/Pa)*1000$$

where: Ma = apparent chargeability
Pa = apparent resistivity
* = "multiplied by"

4.2 Presentation

- Apparent chargeability values for n = 1 to 6 were Fraser Filtered and presented as contours on Figure # 2 at a scale of 1:10,000
- Apparent resistivity values for n = 1 to 6 were Fraser Filtered and presented as contours on Figure # 3 at a scale of 1:10,000
- Magnetic data from a previous survey on an "older" grid were recontoured at 25 gamma intervals and presented on Figure # 4 at a scale of 1:10,000

...5

- Apparent chargeability anomalies are presented on a Geophysical Interpretation Map Figure # 5 at a scale of 1:10,000
- IP data are presented as contoured pseudosections on pseudosection maps (Lines # 700W to 2900W inclusive odd numbers)
- Pseudosections were plotted "westward looking" (south on the left hand side) for easy comparison with theoretical pseudosection plots computed with the pole to the left and dipole to the right
- IP anomalies are presented on the pseudosection maps and interpretation map as rectangles
- Field readings and calculated values are listed in Appendix IV.

5. INTERPRETATION

5.1 Discussion of Results

Generally data from this area were noise free and mostly stable during readings. Apparent chargeability values were generally high throughout the survey area, ranging from in the 30's up to over 100 milliseconds. Exceptions were on the ends of some lines, such as the north ends of lines 700W and 900W where apparent chargeability values were less than 10 milliseconds. Apparent resistivity values ranged from less than 10 ohm meters to greater than 3000. Relatively low apparent resistivity values were observed throughout much of the area and generally corresponded to regions of high apparent chargeability. An abrupt change to low apparent resistivity values was observed at about station 550S on line 2900W, 850S on line 2700W, 900S on line 2500W, 1050S on line 2300W, 1150S on line 2100W, 1250S on line 1900W, 1400S on line 1700W and approximately 1500S on line 1500W. The writer observed what appeared to be a lineament from station 1150S on line 2100W to station 1250S on line 1900W.

During the survey the writer encountered numerous ocurrences of iron stain on rocks (float) and some sulphides within bedrock. Two occurrences of sulphides in bedrock were noted at station 1500S on line 1100W and approximately 1735S on line 1500W where the smell of oxidizing sulphides was also noted. These locations are marked "A" and "B", respectively, on the Geophysical Interpretation Map, Figure # 5.

5.2 Conclusions

Generally high apparent chargeability readings throughout most of the present survey area indicate that much of the grid is underlain by rocks containing chargeable disseminated minerals. The widespread presence of iron stain and the writer's observations of sulphide minerals in various parts of the area lend support to the conclusion that sulphide minerals have caused some of the high chargeability values.

Very high apparent chargeability readings form a northwest trending anomalous zone as shown by Fraser Filter contours on Figure # 2 and as seen in more detail on the Geophysical Interpretation Map, Figure # 5.

...6

This highly chargeable zone is coincident with a zone of low resistivity as shown by Fraser Filter contours of apparent resistivity on Figure # 3. The relationship between chargeability and resistivity, shown here, is typical of anomalies which are caused by significant amounts of chargeable mineralization disseminated within a low resistivity bedrock.

Recent trenching on the property has discovered a thin shallow dipping layer of carbonaceous and graphitic material near surface in one anomalous region. The writer believes that, although the graphitic material found has probably contributed significantly to the chargeability readings, it does not necessarily completely explain the large, and at times deep, highly chargeable zones found in the survey area. The graphitic material does, however, correlate with and could therefore explain the abrupt low apparent resistivity values on line 1900W at approximately station 1250S. From this correlation the entire "very low resistivity zone", shown on Figure # 5, may be inferred to represent a carbonaceous and graphitic horizon. Support for this conclusion is seen on the VLF EM Fraser Filter map produced by Ager, Berretta & Associates Inc. Two conductors seem to be coincident with part of the strike length of the observed lineament and with the "very low resistivity zone". The inference is that the graphitic material is conductive as well as chargeable over part of the length of the "very low resistivity zone". Apparent resistivity results on line 1900W indicate that very low resistivity values do not extend to depth, therefore at this point on line 1900W the carbonaceous or "graphitic" horizon may overlie a deeper chargeable zone possibly containing sulphides.

Examination of the highly chargeable zone and the related "very low resistivity zone" on pseudosections reveals that this zone, interpreted as "graphitic", is wider and seems to progressively extend deeper (greater depth extent) towards the northwest while depth extent appears to shallow out towards the southeast and finally terminate or pinch out after line 1500W. An obvious conclusion would be that the "graphitic" zone plunges towards the northwest with the southeast extention becoming eroded off, while the underlying strata, some possibly containing significant amounts of sulphides, come to the surface towards the southeast.

Further examination of the pseudosections reveals apparent chargeability anomalies associated with more resistive rock on either side of the low resistivity "graphitic" chargeable anomaly. These more resistive apparent chargeability anomalies are believed to be caused by disseminated sulphides. Sulphides found in bedrock at locations "A" and "B" (shown on Figure # 5) lend support for sulphides as a cause of chargeability in the more resistive chargeable zones.

The observed lineament, shown on Figure # 5, coincident with the "very low resistivity zone" resembles, on the surface, a fault or shear zone about 25 meters wide. The abrupt change to low apparent resistivity values at the lineament indicates an abrupt change in rock type at the same place. The suggestion is, therefore, that the lineament may reflect a fault or shear zone at approximately the position shown on

...7

Figure # 5. The interpreted fault zone may have moved the underlying strata up with respect to the carbonaceous or "graphitic" horizon. Further conjecture should rely on additional geological information.

Re-contouring of magnetic data from the previous survey shows general northwest magnetic trends which probably reflect the regional geologic trends in the area and are consistent with trends interpreted from the present survey. Some association between magnetism and induced polarization anomalies was noted within the highly chargeable zone suggesting the presence of magnetic pyrrhotite. These magnetic regions are shown on the Geophysical Interpretation Map, Figure # 5 as "possible magnetic associations". It should be recognized that the magnetic associations shown on Figure # 5 could be due to deeper geologic features containing magnetite and not related to chargeability.

A final conclusion may therefore be that the survey has detected two types of mineralization. The first is a near surface, highly chargeable, low resistivity, carbonaceous and graphitic layer probably of the order of less than 50 meters to more than 150 meters in width. This carbonaceous material overlies a second unit of disseminated sulphide bearing rock which is also highly chargeable but more resistive. The entire anomalous region may be plunging shallowly towards the northwest with the sulphide bearing unit coming to the surface on the flanks of the carbonaceous horizon and to the southeast as the carbonaceous horizon becomes weathered off. The sulphides seem to be more widespread throughout the area than the very low resistivity carbonaceaous material.

The writer's choice of the best probable sulphide bearing apparent chargeability anomalies are listed in order of increasing line number and station location as follows:

- line 700W - station 1900S to 2000S
- " 900W - " 1425S to 1450S
- " 1100W - " 1600S to 1650S
- " 1100W - " 2000S to 2025S
- " 1300W - " 1350S to 1400S
- " 1300W - " 1775S to 1800S
- " 1500W - " 1675S to 1700S
- " 1700W - " 1200S to 1250S
- " 1700W - " 1500S to 1650S
- " 1900W - " 1050S to 1150S
- " 1900W - " 1400S to 1450S
- " 2100W - " 950S to 1050S
- " 2100W - " 1275S to 1350S

...8

6. RECOMMENDATIONS

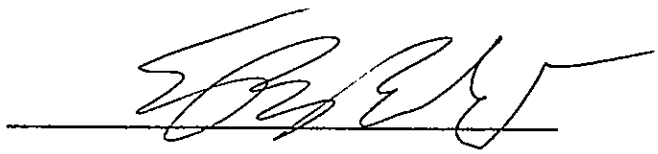
Geological and geochemical information should be used to determine priorities for subsurface exploration of probable sulphide bearing targets listed above. Trenching of the near surface targets (as defined by "S" on pseudosections and on Figure # 5) is recommended with drilling of the deeper anomalies carried out if sulphides are confirmed as the cause of the near surface targets.

Investigation of the anomalous chargeability zone related to very low resistivity values and interpreted to be caused by graphite should be carried out in order to confirm that the entire zone is, in fact, graphitic and also to ensure that some economic mineral association with the high chargeability is not overlooked.

Respectfully Submitted

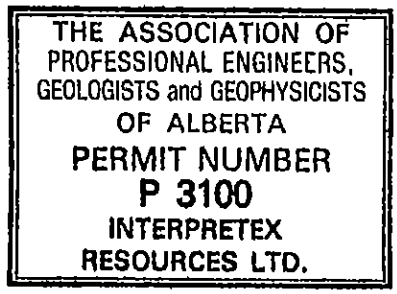
INTERPRETEX RESOURCES LTD.

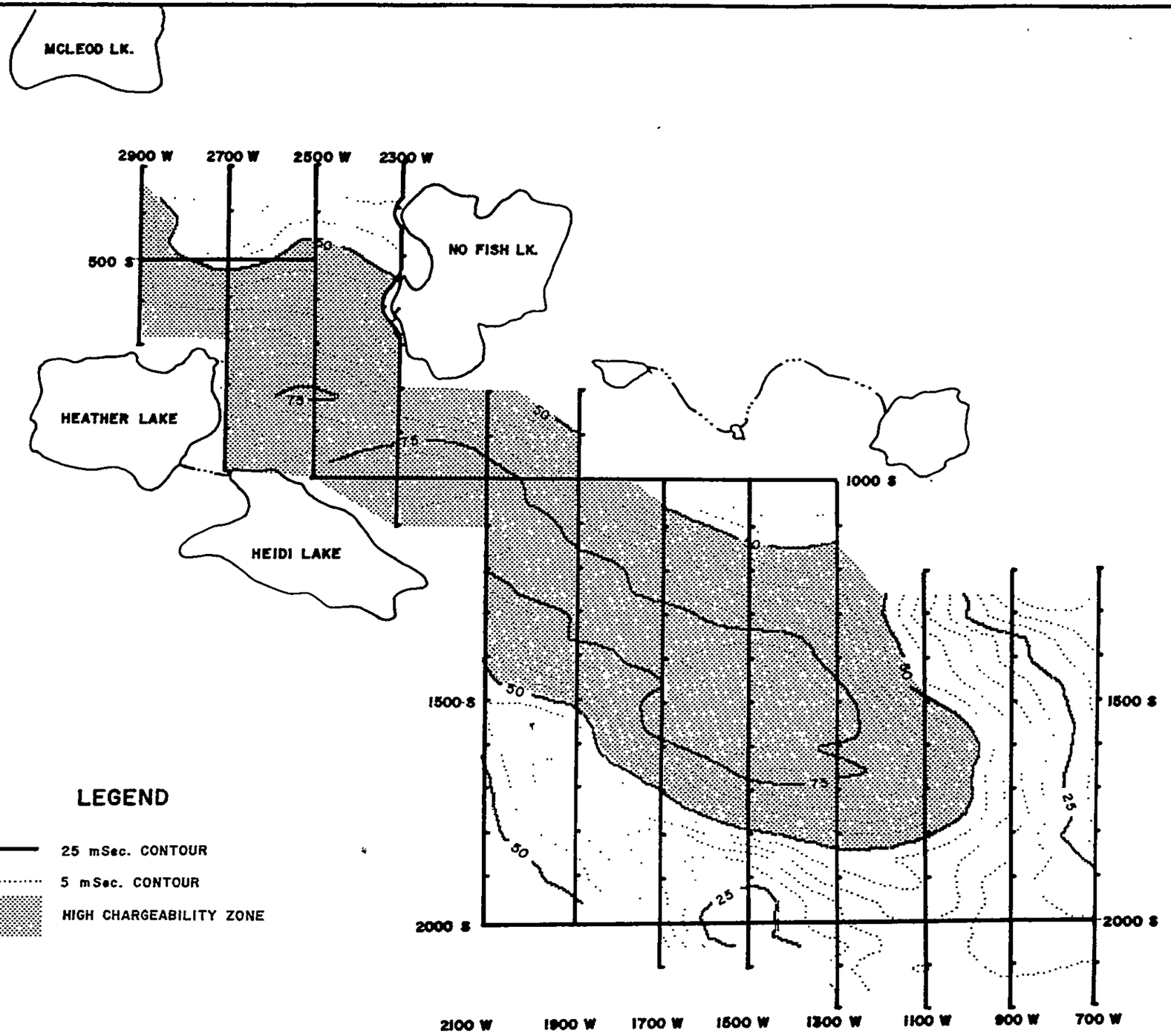
Vancouver, British Columbia

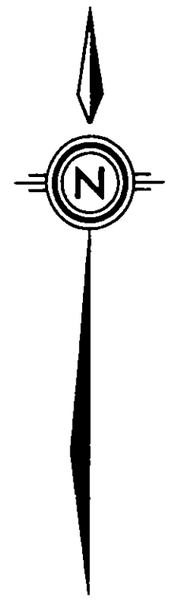


E.R. ROCKEL

Consulting Geophysicist







LEGEND

- 25 mSec. CONTOUR
- 5 mSec. CONTOUR
- HIGH CHARGEABILITY ZONE

GEOLOGICAL BRANCH
ASSESSMENT REPORT
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HAIDA GOLD PROJECT
APPARENT CHARGEABILITY
FRASER FILTER CONTOURS

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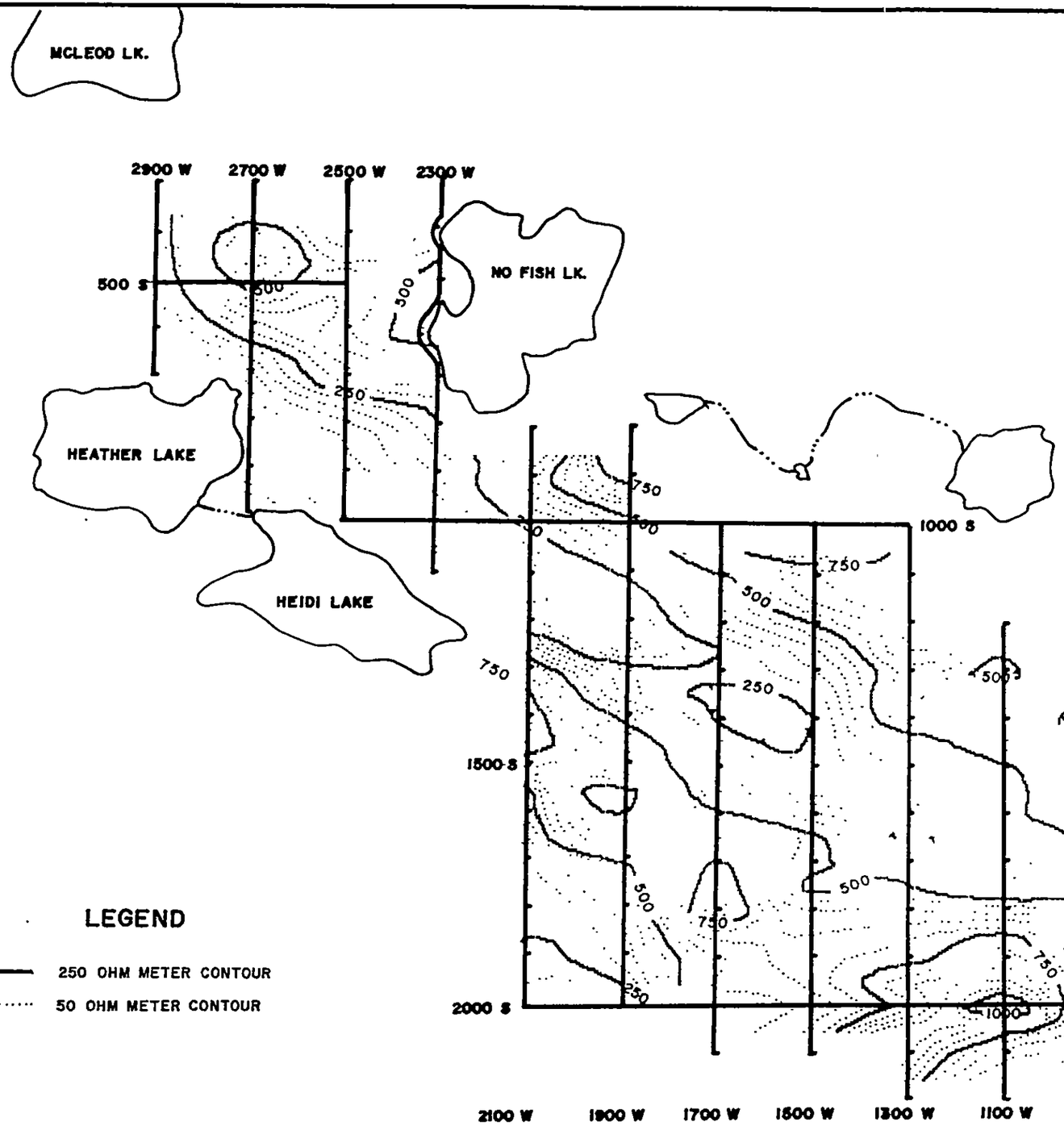
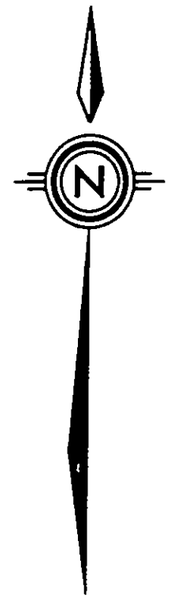
IR INTERPRETEX RESOURCES LTD.	SCALE: Fi0,000	DATE July, 1987
	PROJECT 87612	FIGURE NO.: 2
	N.T.S. 92 P/9W	DRAWN BY





LEGEND

250 OHM METER CONTOUR

50 OHM METER CONTOUR

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Part 2 of 2

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HAIDA GOLD PROJECT
APPARENT RESISTIVITY
FRASER FILTER CONTOURS

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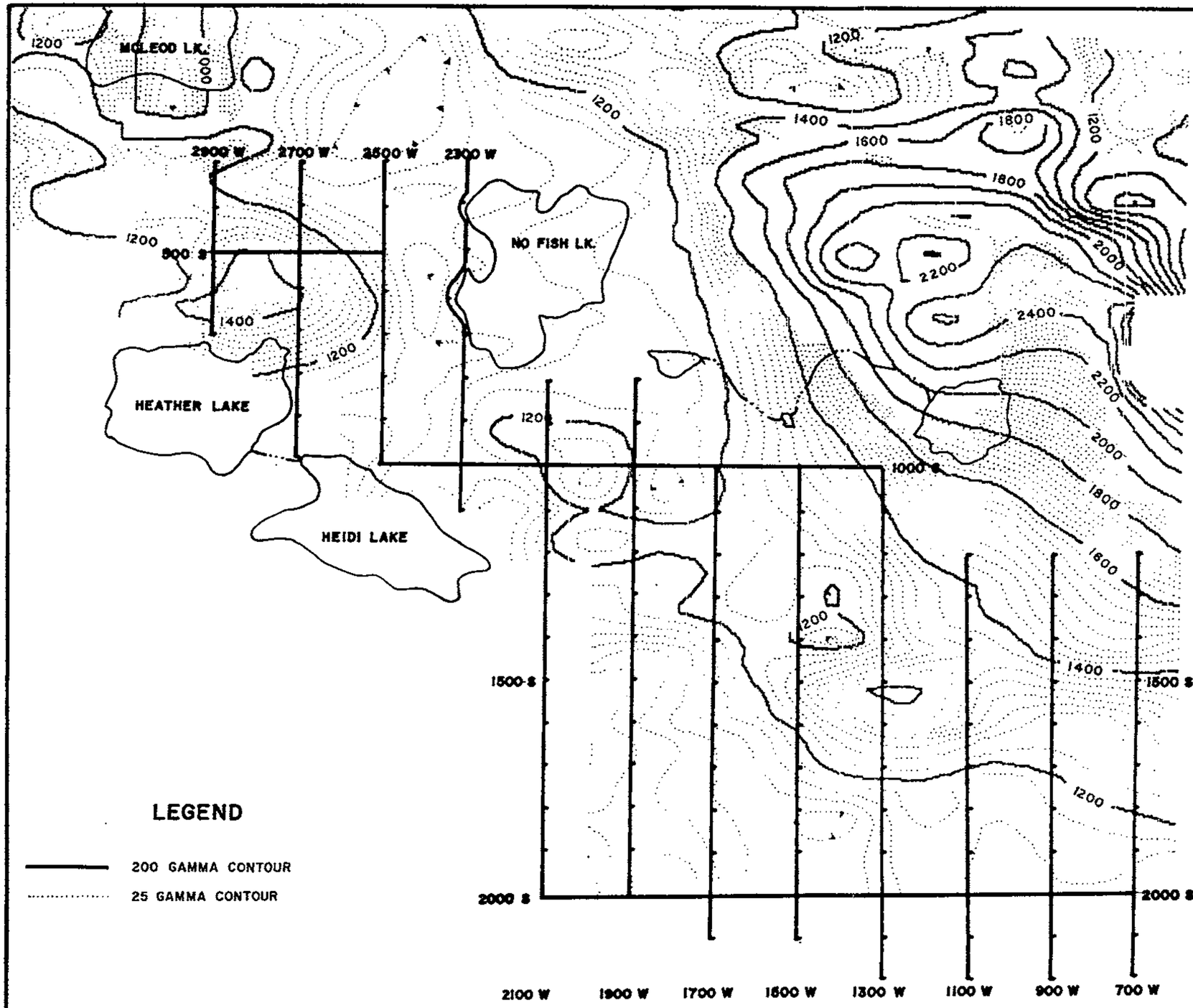
IR INTERPRETEX RESOURCES LTD.	SCALE: 1:10,000	DATE: July, 1987
	PROJECT 87612	FIGURE NO.: 3
	N.T.S. 92 P/9W	DRAWN BY



LEGEND

200 GAMMA CONTOUR

25 GAMMA CONTOUR

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Part 2 of 2

16,223

VITAL PACIFIC RESOURCES LTD.		
HAIDA GOLD PROJECT **MAGNETIC CONTOURS** FROM AGER, BERRETTA & ASSOCIATES INC.		
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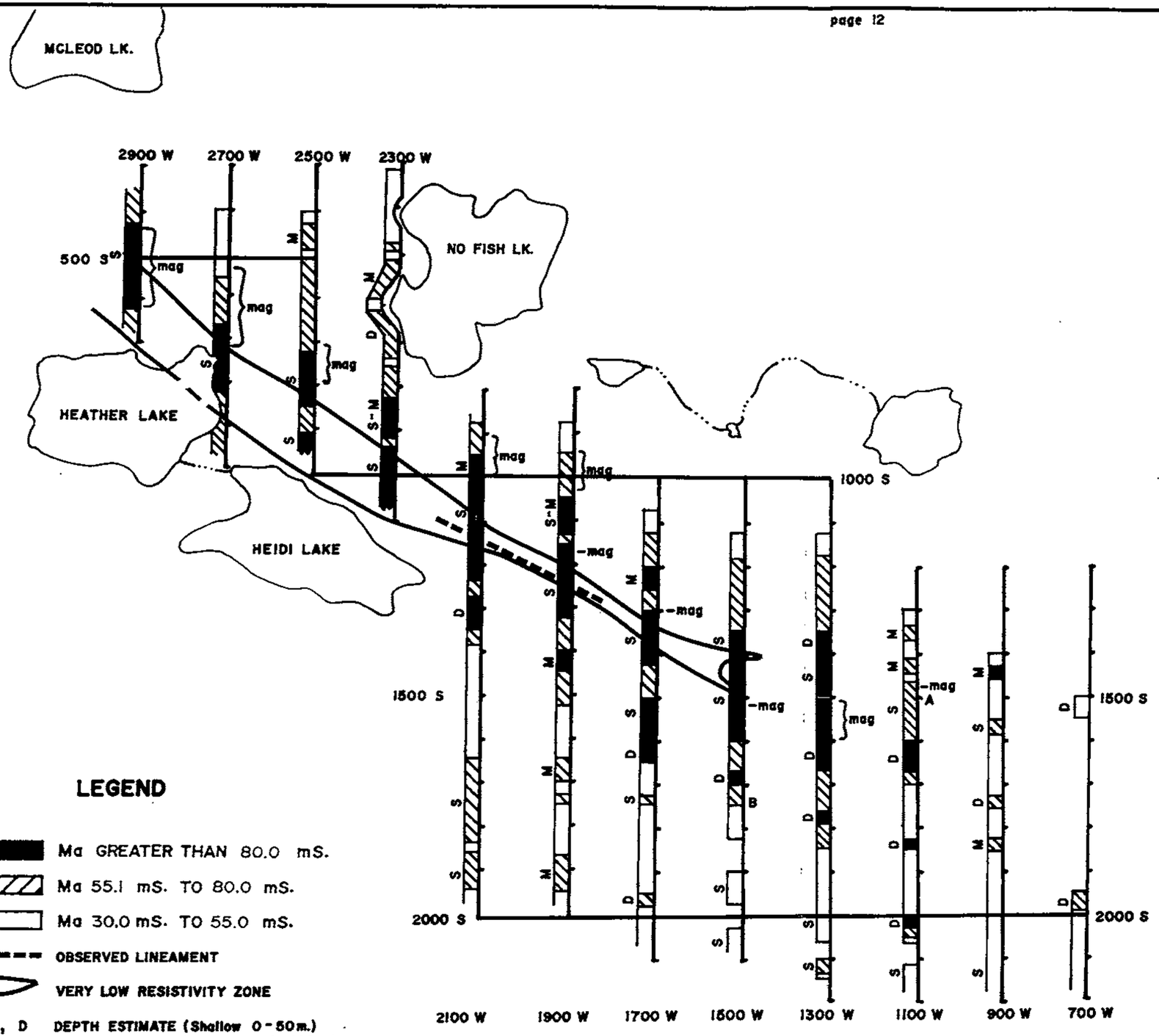
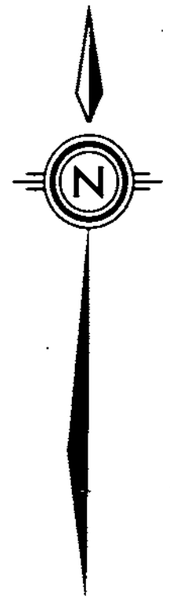
IR INTERPRETEX RESOURCES LTD.	SCALE: 1:10,000	DATE July, 1987
	PROJECT 87612	FIGURE NO.: 4
	N.T.S. 92 P/9W	DRAWN BY





LEGEND

- Ma GREATER THAN 80.0 mS.
- Ma 55.1 mS. TO 80.0 mS.
- Ma 30.0 mS. TO 55.0 mS.
- OBSERVED LINEAMENT
- VERY LOW RESISTIVITY ZONE
- S, M, D — DEPTH ESTIMATE (Shallow 0 - 50m.) (Moderate 50 - 100m.) (Deep 100 - 150m.)
- mag — POSSIBLE MAGNETIC ASSOCIATION
- A, B — SULPHIDES IN BEDROCK

GEOLOGICAL BRANCH ASSESSMENT REPORT

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GEOPHYSICAL INTERPRETATION MAP

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	PROJECT 87612	FIGURE NO.: 5
	N.T.S. 92 P/9W	DRAWN BY

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

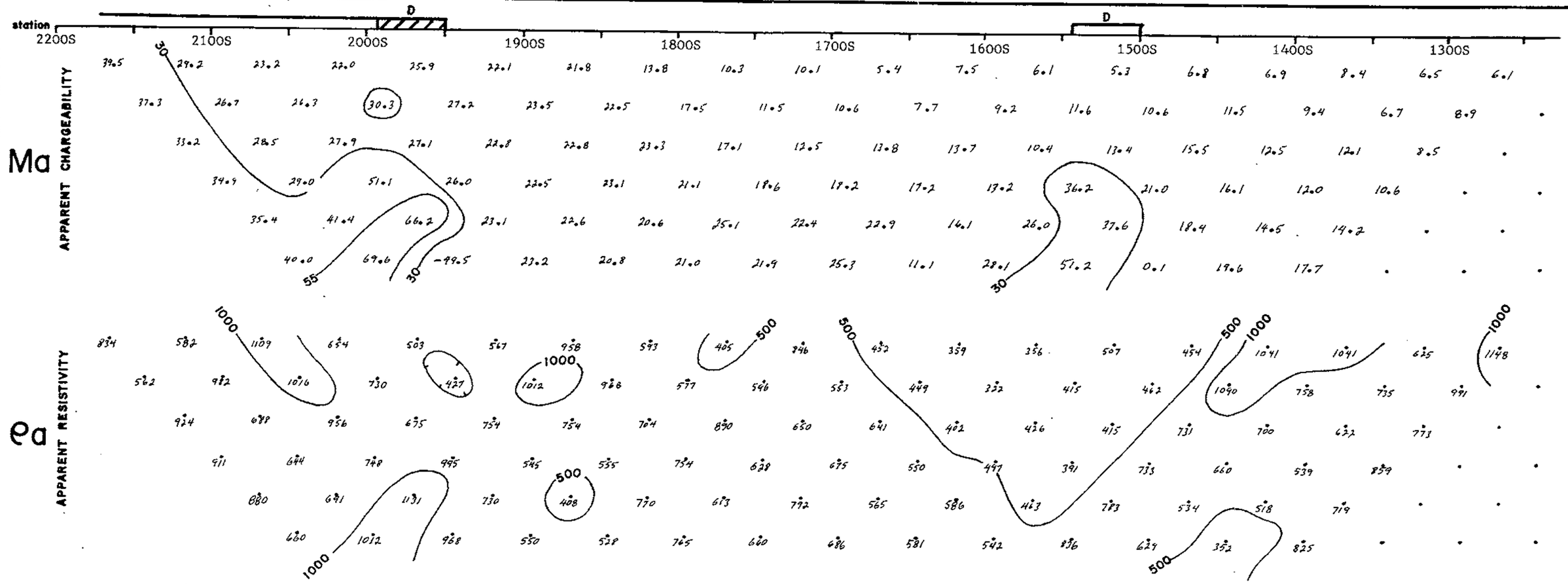
POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

PLOT PT.

LINE NO. 700 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 (na) P1 — V — P2 (a)

PLOT PT.

LINE NO. 900 W

station: 2200S 2100S 2000S 1900S 1800S 1700S 1600S 1500S 1400S 1300S

S M D S M

Ma APPARENT CHARGEABILITY

ρa APPARENT RESISTIVITY

MF METAL FACTOR

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

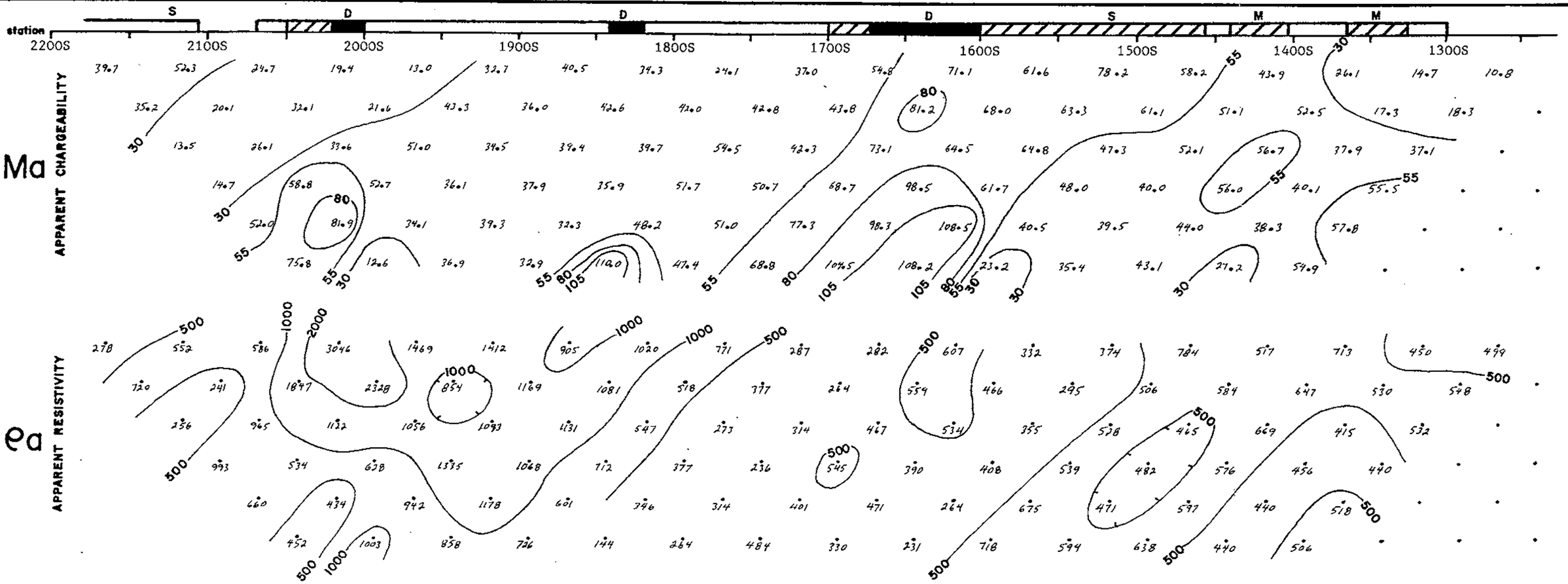
POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

PLOT PT.

LINE NO. 1100 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

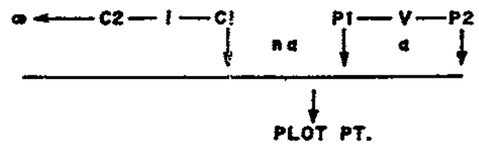
LEGEND

PSEUDOSECTION CONTOURS (intervals as indicated)

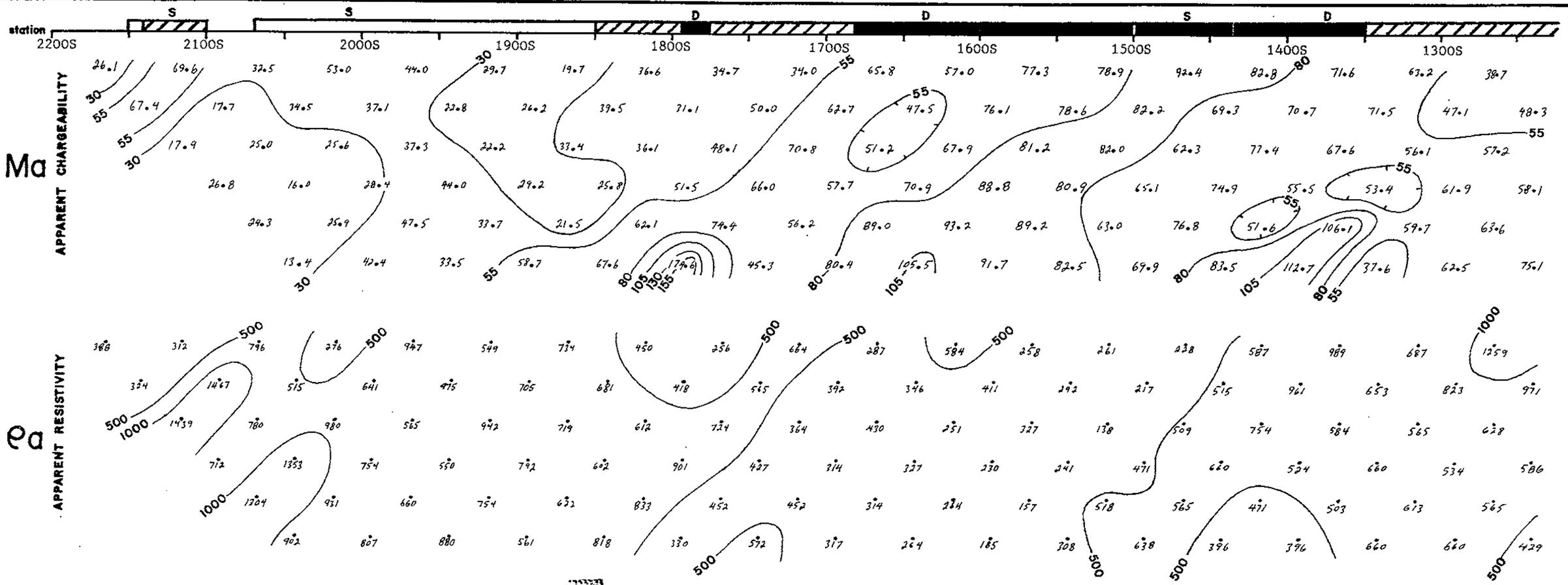
- Ma GREATER THAN 80.0 mS.
- Ma 55.1 mS. TO 80.0 mS.
- Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE-DIPOLE ARRAY PSEUDOSECTION



LINE NO. 1300 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

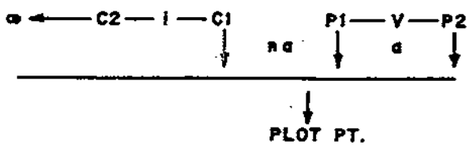
LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

- Ma GREATER THAN 80.0 mS.
- Ma 55.1 mS. TO 80.0 mS.
- Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION



LINE NO. 1300 W cont'd

station

1300S 1200S 1100S 1000S 900S 800S

Ma APPARENT CHARGEABILITY

63.2 38.7 34.5 36.7 27.2 22.8
47.1 48.3 43.4 34.7 20.5
56.1 57.2 51.8 51.3 27.5
61.9 58.1 59.1 43.1 30
59.7 63.6 67.1 51.6
62.5 75.1 57.5 55

ρa APPARENT RESISTIVITY

687 1259 1116 1000 932 806 500 399
823 971 796 709 986
565 628 930 603 769
534 586 702 817
613 585 408 723
660 429 440 500

MF METAL FACTOR

VITAL PACIFIC RESOURCES LTD.

HAIDA GOLD PROJECT

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INTERPRETEX RESOURCES LTD.

SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

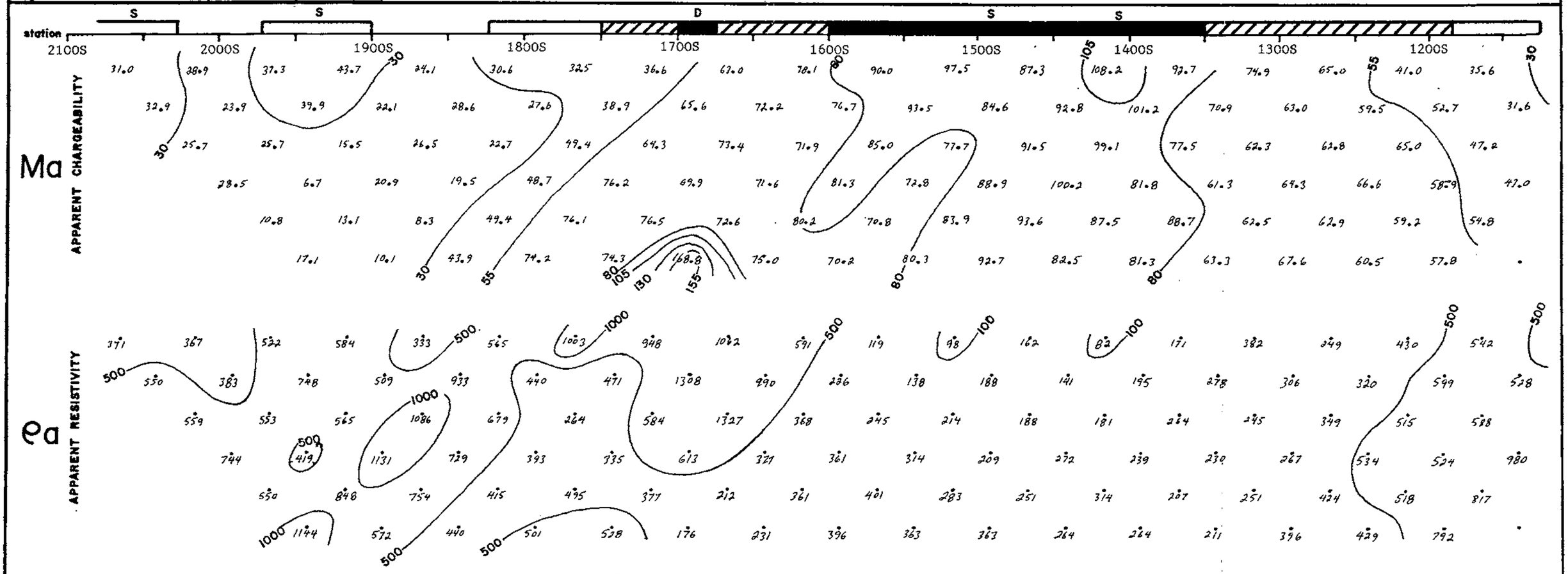
SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — a — C1 — na — P1 — V — P2 — a

PLOT PT.

LINE NO. 1500 W



VITAL PACIFIC RESOURCES LTD.

HAIDA GOLD PROJECT

TO ACCOMPANY REPORT BY E.R. ROCKEL

INTERPRETEX RESOURCES LTD.

SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

C2 — I — C1 (na) P1 — V — P2 (a)

PLOT PT.

LINE NO. 1500 W cont'd

station 1300S 1200S 1100S 1000S 900S 800S

Ma APPARENT CHARGEABILITY

65.0 41.0 35.6 23.6 14.5
59.5 53.7 31.6 23.7 30
62.8 65.0 47.2 32.4
66.6 58.9 47.0
62.9 59.2 54.8 55
60.5 57.8

ρa APPARENT RESISTIVITY

849 430 542 316 500 911
320 599 538 641
349 515 588 955
534 524 980
424 518 817
429 792

MF METAL FACTOR

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

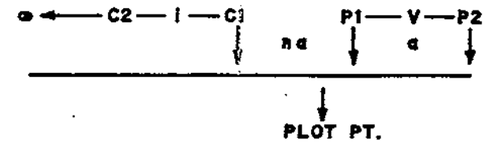
LEGEND

PSEUDOSECTION CONTOURS (Intervals as Indicated)

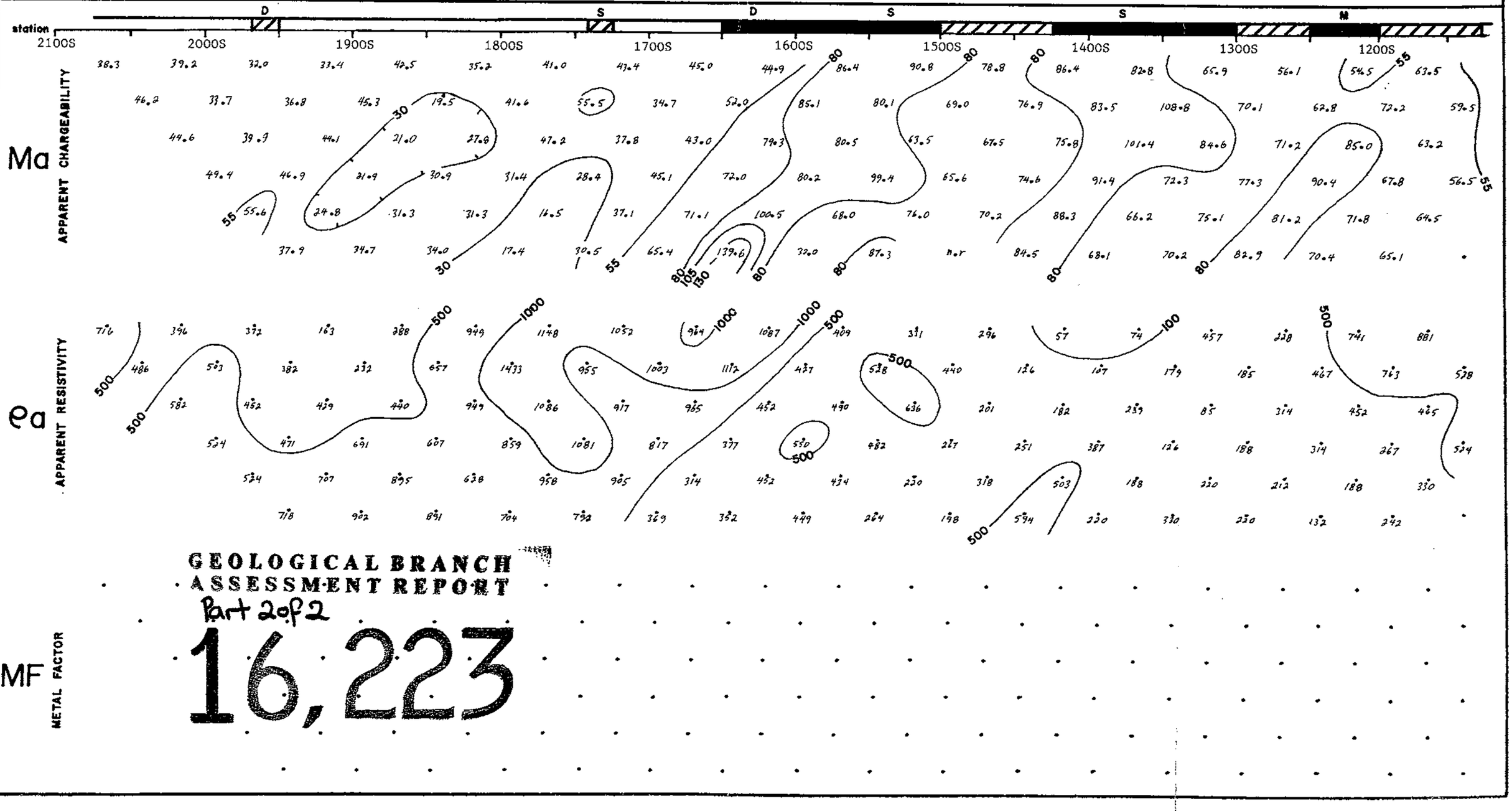
- Ma GREATER THAN 80.0 mS.
- Ma 55.1 mS. TO 80.0 mS.
- Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION



LINE NO. 1700 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

- Ma GREATER THAN 80.0 mS.
- Ma 55.1 mS. TO 80.0 mS.
- Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

PLOT PT.

LINE NO. 1700 W cont'd

station

M

1300S 1200S 1100S 1000S 900S 800S

Ma APPARENT CHARGEABILITY

56.1 54.5 55 63.5 45.1 27.4
62.8 72.2 59.5 36.2 30
71.2 85.0 63.2 52.1
90.4 67.8 56.5 55
81.2 71.8 64.5
80 70.4 65.1

ρa APPARENT RESISTIVITY

500
238 741 881 902 1373
467 763 538 1089
314 452 465 603 1000
314 267 524
212 188 330
132 242

MF METAL FACTOR

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

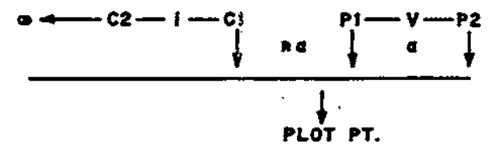
Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

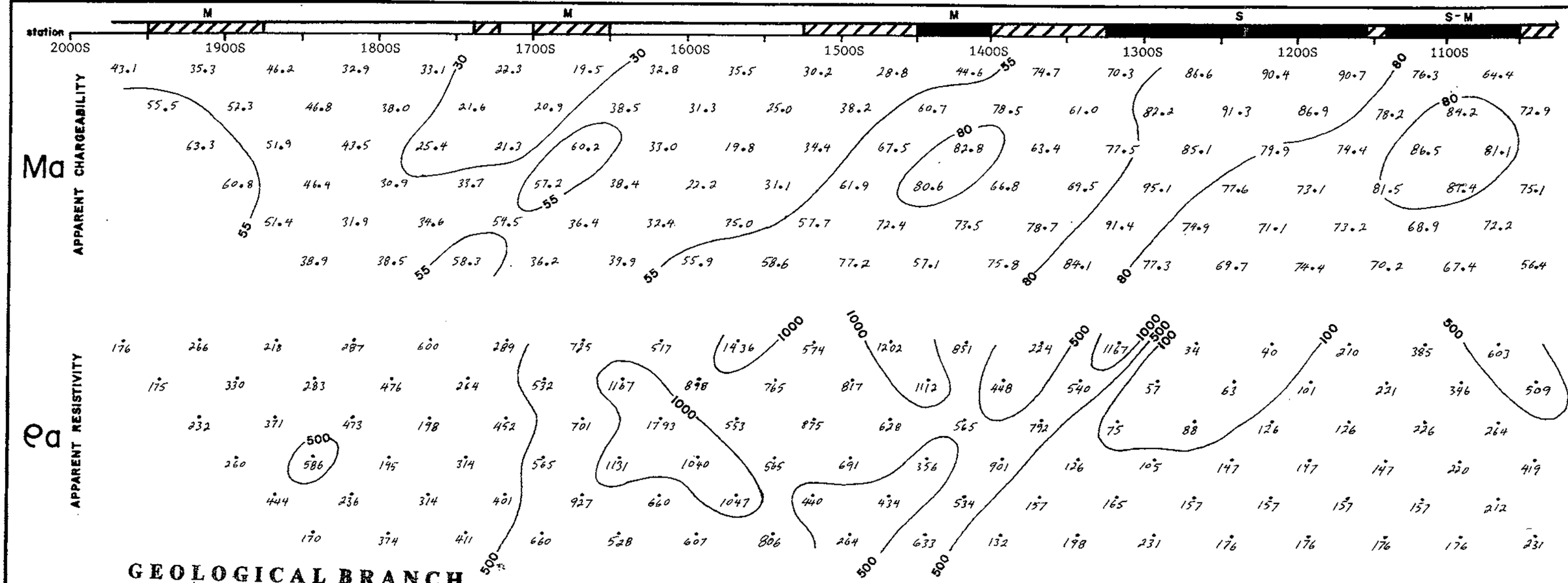
Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION



LINE NO. 1900 W



GEOLOGICAL BRANCH
ASSESSMENT REPORT

Part 2 of 2

16,223

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

PLOT PT.

LINE NO. 1900 W cont'd

station

1300S 1200S 1100S 1000S 900S 800S

S S-M

Ma APPARENT CHARGEABILITY

90.7 80 76.3 64.4 65.0 55 44.3 31.7 24.7

78.2 80 84.2 72.9 60.3 43.1 35.3 30

74.4 86.5 81.1 65.7 54.9 46.2

81.5 81.4 75.1 59.0 52.9

73.2 68.9 72.2 65.4 61.7

70.2 67.4 56.4 61.2

ρa APPARENT RESISTIVITY

210 385 603 500 426 400 500 1095 1000 1261

221 346 509 490 618 1418

126 226 264 452 650 933

147 220 419 545 1052 1000

157 157 212 471 817

176 176 231 748

MF METAL FACTOR

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (intervals as indicated)

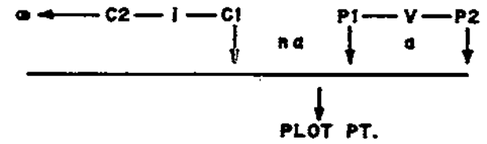
Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

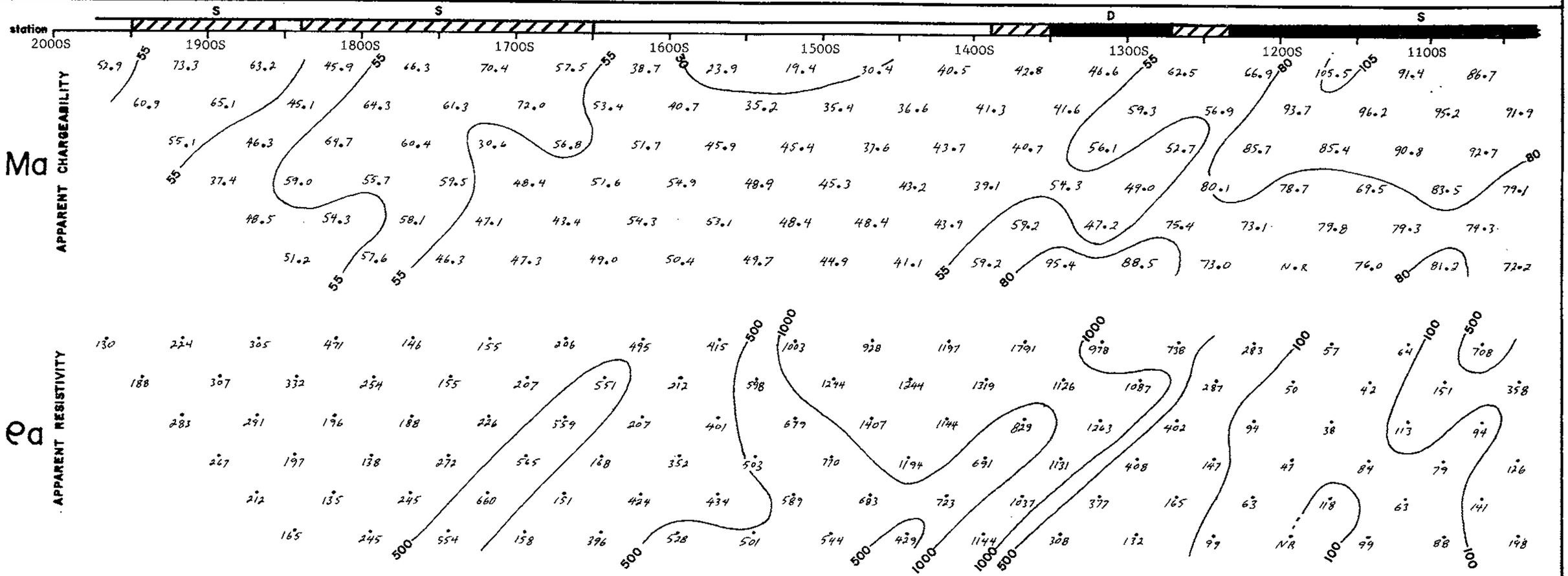
Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION



LINE NO. 2100 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

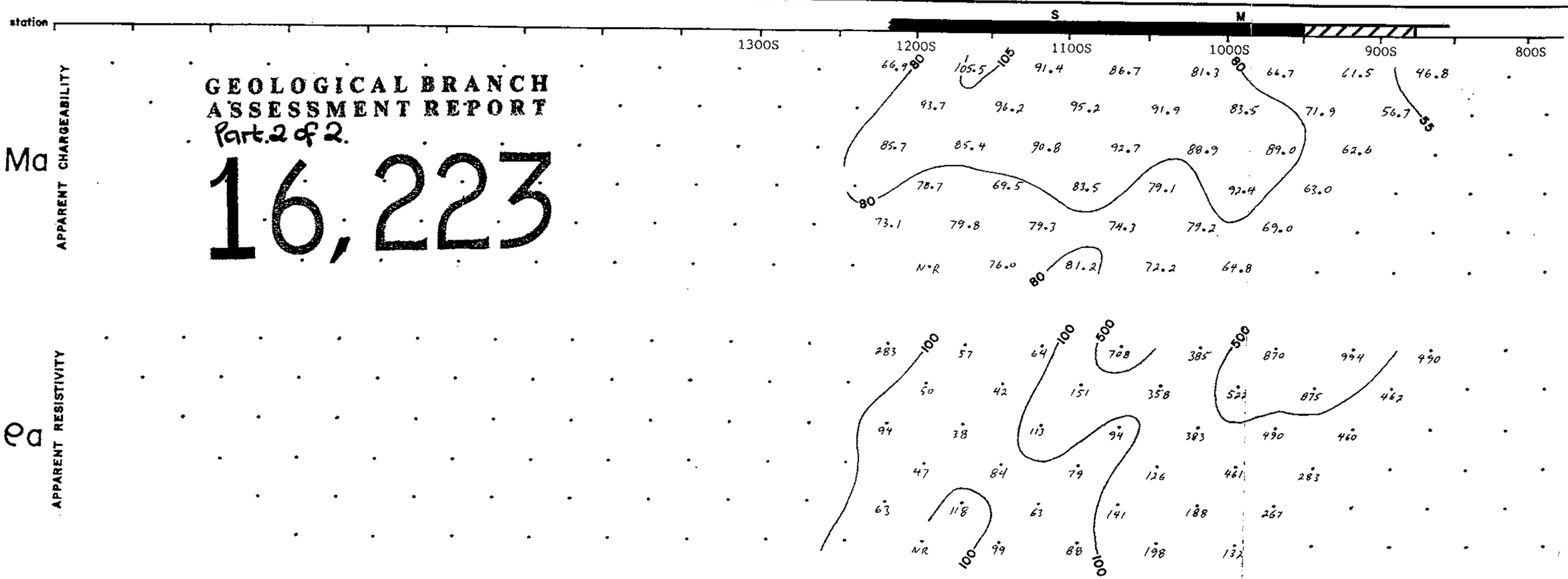
PLOT PT.

LINE NO. 2100 W cont'd

Ma APPARENT CHARGEABILITY

ρa APPARENT RESISTIVITY

MF METAL FACTOR



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INTERPRETEX RESOURCES LTD.

SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

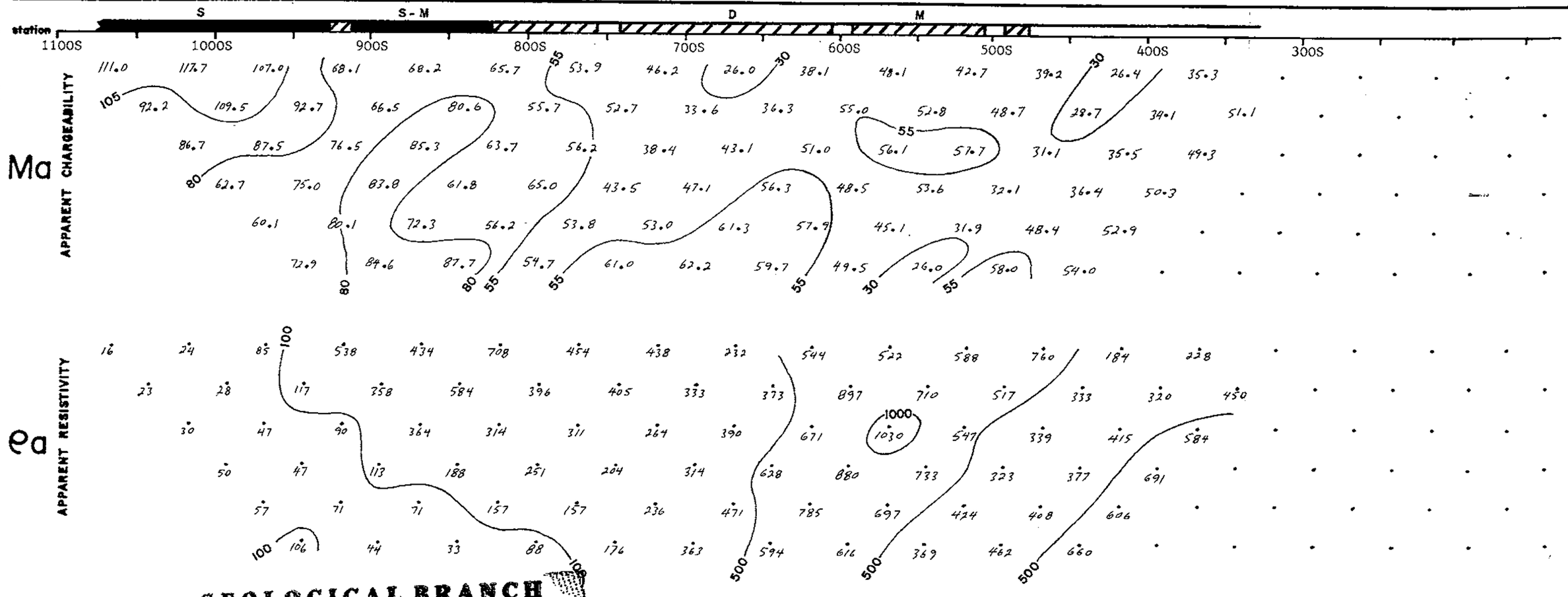
POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na a

PLOT PT.

LINE NO. 2300 W



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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

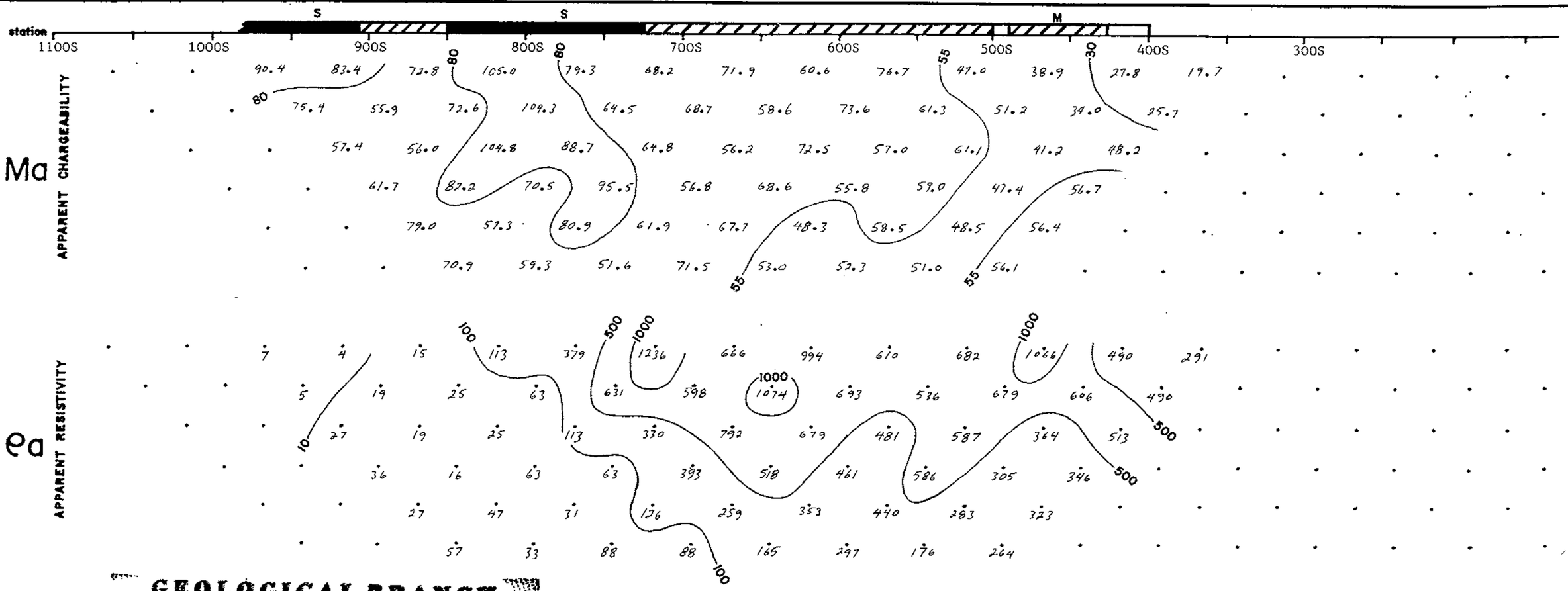
SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 — na — P1 — V — P2 — a

PLOT PT.

LINE NO. 2500 W



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HAIDA GOLD PROJECT

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SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

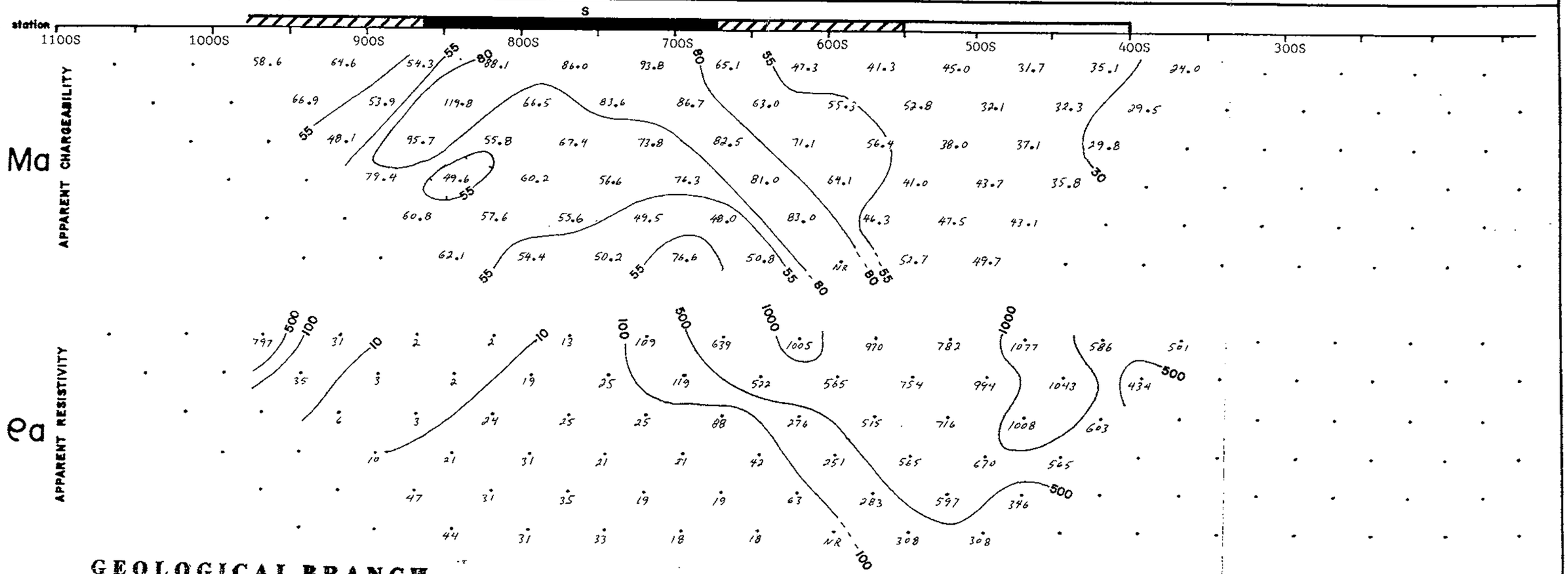
POLE - DIPOLE ARRAY PSEUDOSECTION

∞ ← C2 — I — C1 P1 — V — P2

na, a

PLOT PT.

LINE NO. 2700 W



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HAIDA GOLD PROJECT

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INTERPRETEX RESOURCES LTD.

SCALE: 1:2500	DATE: July, 1987
PROJECT 87612	FIGURE NO.:
N.T.S. 92 P/9W	DRAWN BY

INDUCED POLARIZATION AND RESISTIVITY SURVEY

LEGEND

PSEUDOSECTION CONTOURS (Intervals as indicated)

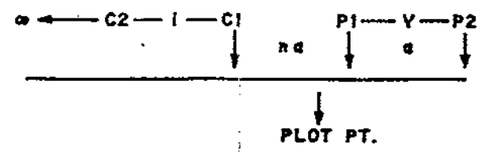
Ma GREATER THAN 80.0 mS.

Ma 55.1 mS. TO 80.0 mS.

Ma 30.0 mS. TO 55.0 mS.

SCALE: 1:2500

POLE - DIPOLE ARRAY PSEUDOSECTION

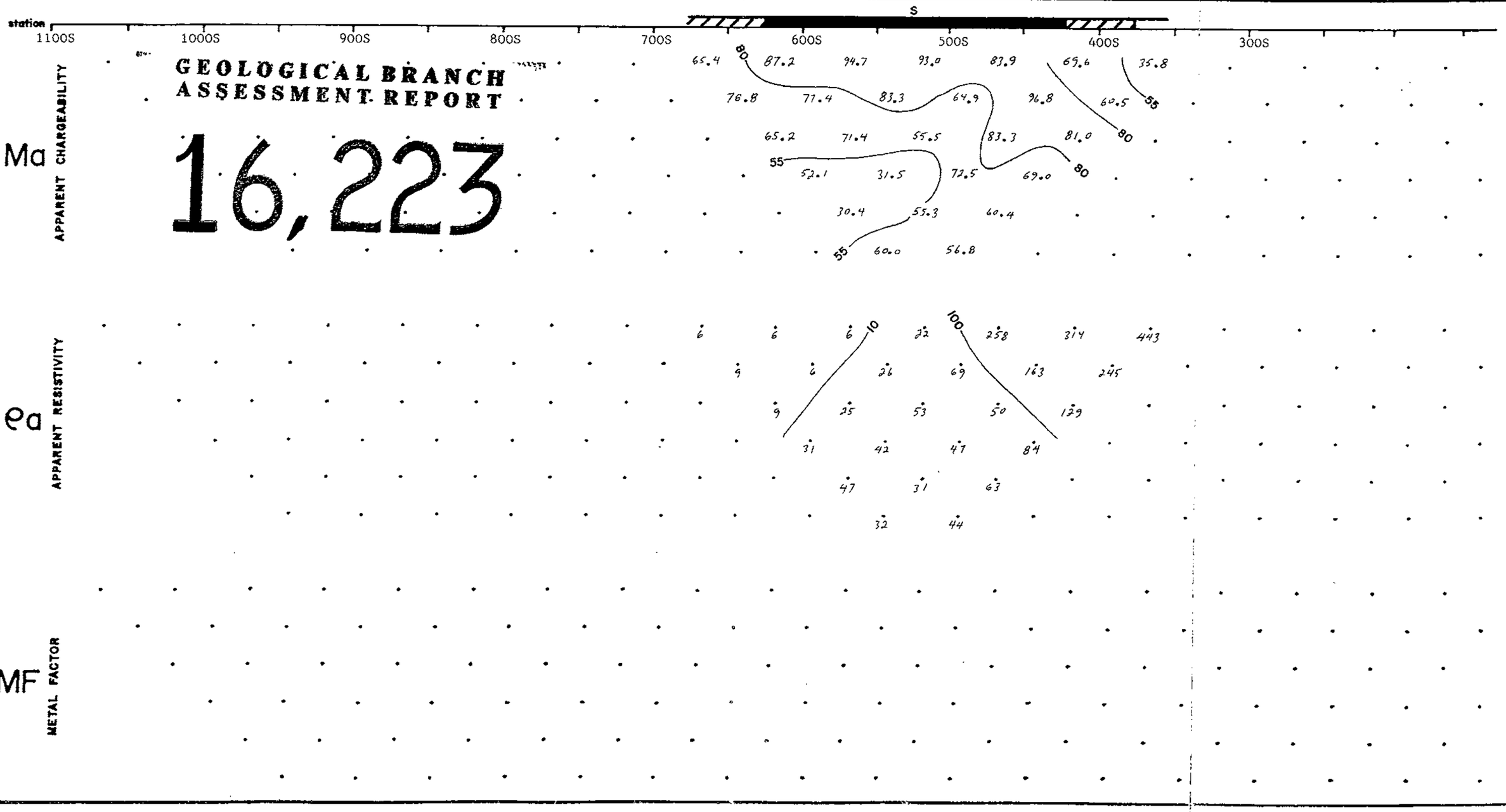


LINE NO. 2900 W

Ma APPARENT CHARGEABILITY

ρa APPARENT RESISTIVITY

MF METAL FACTOR



CERTIFICATE

I, Edwin Ross Rockel, Geophysicist of Vancouver, British Columbia, Canada, hereby certify that:

1. I received a B.Sc. degree in Geophysics from the University of British Columbia in 1966.

2. I have been practising my profession since graduation.

3. I am a Professional Geophysicist registered in the Province of Alberta.

4. I am a Professional Engineer registered in the Province of Saskatchewan.

5. I hold no direct or indirect interest in, nor expect to receive any benefits from, the mineral property or properties described in this report.

6. This report may be used for the development of the property, provided that no portion will be used out of context in such a manner as to convey meanings different from that set out in the whole.

7. Consent is hereby given to the company for which this report was prepared to reproduce the report or any part of it for the purposes of development of the property, or facts relating to the raising of funds by way of a prospectus and/or statement of material facts.

Date: July 20, 1987 Signed: 

Vancouver,
British Columbia

Edwin Ross Rockel
B.Sc., P.Geoph., P. Eng.

REFERENCES

1. Sumner, J.S., 1976. Principals of Induced Polarization for Geophysical Exploration, Elsevier North-Holland Inc., New York, N.Y.

2. Ager, Berretta & Associates Inc., 1981 VLF EM Fraser Filtered and Magnetic Map, maps from unpublished report dated January, 1981, Vancouver, B.C. for Tunkwa Copper Mines Inc.

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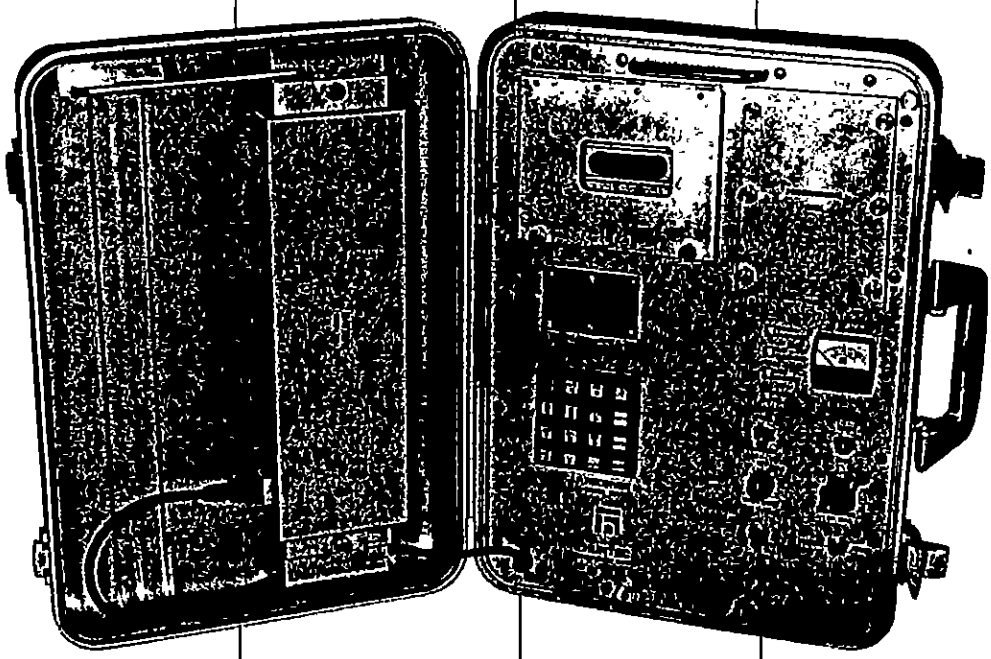
M-4 SERIES

M-4 Induced Polarization Receiver



DESCRIPTION

The Huntec M-4 is a microprocessor based receiver for time and frequency domain IP and complex resistivity measurement. It is:

Easy to operate. One switch starts a measurement, of up to 33 quantities simultaneously. The optional Cassette DataLogger records them all in seconds. Calibration, gain setting and SP buckout are all automatic.

Reliable. Using advanced digital signal processing techniques, the M-4 delivers consistently accurate data even in noisy, highly conductive areas. For mechanical reliability it is packaged in a rugged aluminum case for backpack or hand carrying.

Versatile. The operator may adjust delay and integration times, operating frequency and other measurement parameters to adapt to a wide range of survey conditions and requirements. An independent reference channel facilitates drillhole and underground work, and guarantees transmitter-receiver synchronization in high-noise conditions.

Highly accurate. With a frequency bandwidth of 100 Hz and noise-cancelling digital signal stacking, the M-4 delivers very precise results. The details are summarized in a table overleaf.

Sensitive. The same features that make the M-4 accurate allow detection of very weak signals. The Huntec receiver requires lower transmitter power than any other, for a given set of operating conditions. Automatic correction for drifts in self-potential and gain allow long stacking times for significant signal-to-noise improvements.

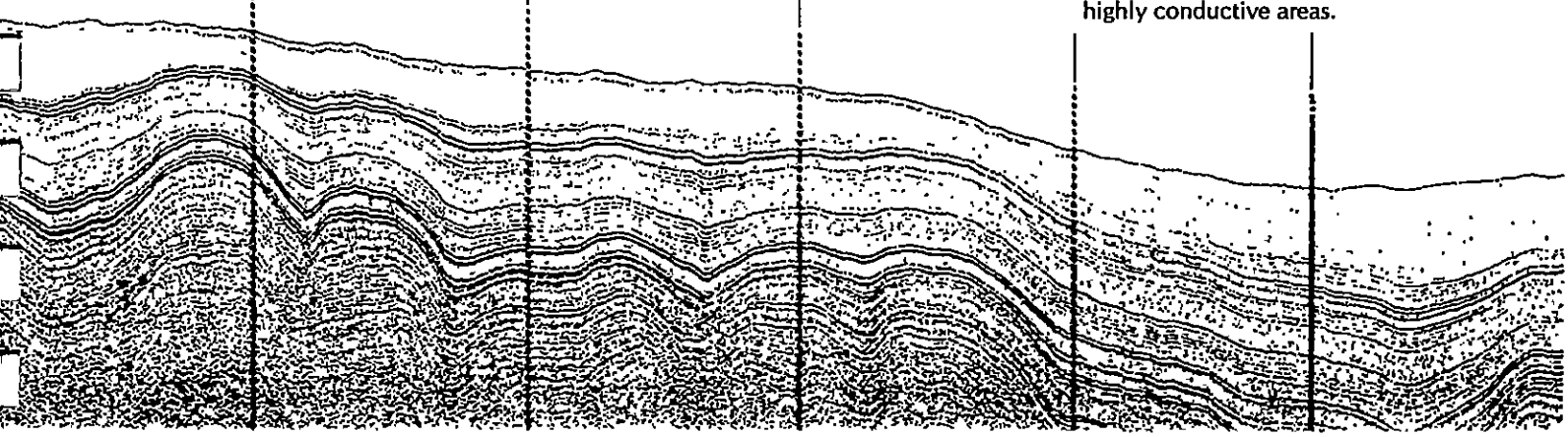
Intelligent. Under the control of a powerful 16-bit microprocessor, the M-4 calibrates and tests itself between measurements. Coded error messages, flashed onto the display, inform the operator of any malfunction.

The M-4 Receiver is complemented by Huntec's new M-4 transmitters, which offer precisely timed constant-current output and both time and frequency domain waveforms, compatible with the receiver's accuracy and multi-mode measurement capabilities. The RL-2 Reference Isolator connects any IP transmitter to the receiver's reference channel.

Contact Huntec for more information on the benefits offered by the M-4 product line.

FEATURES

- Time and Frequency domain IP and Complex Resistivity operation.
- Simultaneous Time domain and Complex Resistivity measurement.
- Automatic calibration
  - gain setting
  - SP cancellation
  - fault diagnosis
  - filter tuning.
- Independent reference channel for drillhole and underground work.
- 42 quantities, displayable on large 3½ digit low-temperature liquid-crystal readout.
- Analogue meter for source resistance measurement.
- 10^9 ohms differential input resistance
- 8 hours continuous operation with replaceable, rechargeable nickel-cadmium battery pack (2 supplied).
- Optional Cassette DataLogger fits inside case, has read-after-write error checking. Up to 350 stations per tape.
- Conveniently packaged for backpacking or hand carrying.
- 100 Hz bandwidth, fine time-resolution.
- Advanced digital signal stacking.
- Delivers reliable, accurate data in noisy, highly conductive areas.



SPECIFICATIONS

INPUTS

Signal Channel

Range:	5 x 10^{-5} to 10 volts. Automatic ranging. Overload indication
Resistance:	Greater than 10^9 ohms differential
Bandwidth:	100 Hz
SP Cancellation:	−5 to +5 volts (automatic)
Protection:	Low-leakage diode clamps, gas discharge surge arrestors, replaceable fuses.

Reference Channel

Level:	500 mV minimum, 10 volts peak maximum, overload indication
Resistance:	2 x 10^5 ohms differential

CONTROLS AND FUNCTIONS

Operating Controls

Keypad:	16 keys, calculator format, function associated with each key.
Reference Registers:	Keypad may be used to store up to ten 3½ digit numeric values with floating decimal point to represent station number, line number, operator, time, date, weather, transmitter current, etc. for recording on cassette.

Programming Controls

Sub-panel:	All programming controls are on a covered sub-panel.
Thumbwheel Switches:	Select delay time t_D in milliseconds chargeability window t_p in milliseconds; operating frequency; PFE frequency ratio.

Displayable Quantities

Time domain:	Primary voltage; self-potential; chargeability (total or each of 10 windows of equal width); phases of odd harmonics 3 to 15; amplitudes of odd harmonics 1 to 15; cycle count; repeating display of polarization potential and total chargeability.
Freq. domain:	Primary amplitude; Percent Frequency Effect; self-potential; cycle count.
Complex Resistivity:	Phases of odd harmonics 3 to 15; amplitudes of odd harmonics 1 to 15; fundamental phase (with ref. input); cycle count.
Any mode:	Battery voltage, Frequency error.

OUTPUTS

Displays

Digital Display:	3½ digit, low-temperature liquid crystal display. Indicates measurement results and diagnostic error messages.
Analogue Meter:	Ohms scale for source resistance; also gives qualitative indication of signal-to-noise ratio.

CASSETTE DATALOGGER (OPTIONAL)

Description:	Accommodated within M-4 chassis. If not acquired with receiver, may be retrofitted by user at any time. Two recording modes:
Partial:	All sub-panel settings, measurement results, and contents of reference registers are recorded (2 seconds recording time).
Full:	As in partial mode, but also recorded is one cycle of averaged signal waveform (28 seconds recording time). If external reference is used, one cycle of reference waveform is also recorded (60 seconds recording time). Extra memory and soft-ware available to average and store the reference waveform for advanced offline resistivity computation.
Format:	ANSI/ECMA/ISO standard for saturation recording: 80 bytes/record, all data recorded in ASCII code.
Verification:	Read-after-write data verification (automatic).

MECHANICAL

M-4 Receiver with battery pack:	45 cm x 33 cm x 14 cm, 10.0 kg.
M-4 Receiver with battery pack and Cassette DataLogger:	Dimensions as above, 11.0 kg.
Replaceable Battery pack:	33 cm x 11 cm x 4.5 cm, 3 kg.

ENVIRONMENTAL

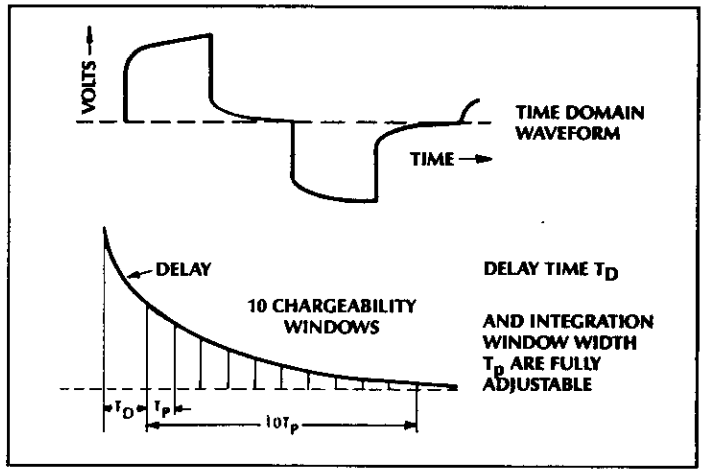
Temperature:	Operation: −20°C to +55°C. Storage: −40°C to +70°c.
Humidity:	Moisture-proof, operable in light drizzle.
Altitude:	−1,525 m to +4,775 m.
Shock, Vibration:	Suitable for transport in bush vehicles.

OUTPUT ACCURACY AND SENSITIVITY

	PHASES	AMPLITUDES	Vp	SP	CHARGEABILITY	PFE
UNITS	millradians	volts	volts	volts	seconds	%
ACCURACY	2milli-radians(1)	1% to 40Hz 2% to 80Hz	±1%	±1%	0.1%(2)	0.1%(3) full scale
SENSITIVITY	0.01 milliradians	10^{-6} volts	10^{-3} volts	10^{-3} volts	10^{-6} seconds	0.001% full scale

(1) Frequency domain mode: at harmonic frequencies up to 15 Hz, increases to not more than 5 milliradians at 80 Hz.
Time domain mode: at harmonic frequencies up to 7.5 Hz, increases to not more than 5 milliradians at 30 Hz.
(2) of total OFF time
(3) Full scale defined as 100% PFE.
Cassette Data: recorded in ASCII, 9 digits with decimal point fixed for four decimal digits.
Display Data: 3½ digits, floating decimal point.
Resolution of averaged waveform limited by A/D converter to one part in 4096 x (square root of cycle count).
Resolution of reference waveform (not averaged) limited by available memory to one part in 256. Additional memory and averaging software available as option.

CHARGEABILITY WINDOWS



HUNTEC
1750 Brimley Road, Scarborough
Ontario, Canada M1P 4X7
Phone: (416) 299-4100 Telex: 06-963640

HUNTEC (70) LIMITED
1750 BRIMLEY ROAD
SCARBOROUGH, ONTARIO
M1P 4X7

7.5 Kw INDUCED POLARIZATION TRANSMITTER

SPECIFICATIONS

Output:	100 to 3250 volts in 10 steps. 16 amps maximum.
Input:	3 phase 400 Hz. 120/208 volts.
Cycling Rates:	2 sec. ON, 2 sec. OFF, or to suit customer requirements. SCR current on/off switching.
Temperature Range:	$-34^{\circ}C$ to $+50^{\circ}C$
Current Output Meter:	2 ranges; 0 to 10 amp and 0 to 20 amp.
Ground Resistance Meter:	2 ranges; 0 to 10k ohms and 0 to 100k ohms.
Input Voltmeter:	0 to 150 volts A.C.
Dummy Load:	2 level; 2Kw and 6Kw. Switched in during OFF time to smooth generator load.
Over/Under Voltage Protection:	Automatic shutdown for excessive input voltage changes.
Construction:	Welded aluminum frame. All solid state circuits on removable printed circuit boards.
Size:	53.0 x 43.0 x 43.0 centimeters.
Weight:	34 kilograms.

INTERPRETEX RESOURCES LTD.
BOX 48239 BENTALL P.O.
VANCOUVER, B.C.
V7X 1A1

HELICOPTER PORTABLE 7.5 KILOWATT ENGINE DRIVEN ALTERNATOR

SPECIFICATIONS

Output:	120 volts A.C. 400Hz. 3 phase 18KVA maximum.
Engine:	20 H.P. air cooled two cylinder Onan gasoline engine series CCKB mounted on a steel frame.
Fuel:	regular grade leaded or non-leaded gasoline, tank capacity 25 liters (outboard motor tank) provides up to four hours continuous operation depending on load.
Alternator:	Bendix Aviation AC Generator Type 28E01 belt driven, forced air cooled. External voltage regulator.
Construction:	engine and alternator mounted on a steel frame suitable for helicopter sling transport.
Speed Regulation:	internal mechanical engine governor.
Size:	approx. .75 meter x 1 meter x .50 meters

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF7W
LINE : 700W
FILE NAME : 7W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	- Fraser Filter - Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2150	2162.5	1	796	0.6	39.5	834	47	-2162.5	36.7	795	48
2150	2137.5	2	179	0.6	37.3	562	66				
2150	2112.5	3	147	0.6	33.2	924	36				
2150	2087.5	4	87	0.6	34.9	911	38				
2150	2062.5	5	56	0.6	35.4	880	40				
2150	2037.5	6	35	0.7	40.0	660	61				
2100	2112.5	1	278	0.3	29.2	582	50	-2112.5	36.8	776	49
2100	2087.5	2	156	0.3	26.7	980	27				
2100	2062.5	3	73	0.4	28.5	688	41				
2100	2037.5	4	41	0.4	29.0	644	45				
2100	2012.5	5	22	0.3	41.4	691	60				
2100	1987.5	6	23	0.3	69.6	1012	69				
2050	2062.5	1	1765	1.0	23.2	1109	21	-2062.5	32.3	888	38
2050	2037.5	2	593	1.1	26.3	1016	26				
2050	2012.5	3	279	1.1	27.9	956	29				
2050	1987.5	4	131	1.1	51.1	748	68				
2050	1962.5	5	132	1.1	66.2	1131	59				
2050	1937.5	6	88	1.2	-49.5	968	-51				
2000	2012.5	1	1145	1.1	22.0	654	34	-2012.5	30.7	813	39
2000	1987.5	2	426	1.1	30.3	730	42				
2000	1962.5	3	197	1.1	27.1	675	40				
2000	1937.5	4	190	1.2	26.0	995	26				
2000	1912.5	5	93	1.2	23.1	730	32				
2000	1887.5	6	50	1.2	23.2	550	42				
1950	1962.5	1	240	0.3	25.9	503	52	-1962.5	29.1	727	42
1950	1937.5	2	68	0.3	27.2	427	64				
1950	1912.5	3	60	0.3	22.8	754	30				
1950	1887.5	4	26	0.3	22.5	545	41				
1950	1862.5	5	13	0.3	22.6	408	55				
1950	1837.5	6	12	0.3	20.8	528	39				
1900	1912.5	1	541	0.6	22.1	567	39	-1912.5	27.0	726	39
1900	1887.5	2	322	0.6	23.5	1012	23				
1900	1862.5	3	120	0.6	22.8	754	30				
1900	1837.5	4	53	0.6	23.1	555	42				
1900	1812.5	5	49	0.6	20.6	770	27				
1900	1787.5	6	29	0.5	21.0	765	27				
1850	1862.5	1	610	0.4	21.8	958	23	-1862.5	23.5	768	32
1850	1837.5	2	154	0.3	22.5	968	23				
1850	1812.5	3	56	0.3	23.3	704	33				
1850	1787.5	4	48	0.4	21.1	754	28				
1850	1762.5	5	26	0.4	25.1	613	41				
1850	1737.5	6	20	0.4	21.9	660	33				
1800	1812.5	1	566	0.6	13.8	593	23	-1812.5	18.0	687	29
1800	1787.5	2	153	0.5	17.5	577	30				
1800	1762.5	3	118	0.5	17.1	890	19				

1800	1737.5	4	60	0.6	18.6	628	30				
1800	1712.5	5	42	0.5	22.4	792	28				
1800	1687.5	6	26	0.5	25.3	686	37				
1750	1762.5	1	258	0.4	10.3	405	25	-1762.5	19.5	636	32
1750	1737.5	2	158	0.5	11.5	596	19				
1750	1712.5	3	69	0.4	12.5	650	19				
1750	1687.5	4	43	0.4	18.2	675	27				
1750	1662.5	5	24	0.4	22.9	565	40				
1750	1637.5	6	22	0.5	11.1	581	19				
1700	1712.5	1	943	0.7	10.1	846	12	-1712.5	18.4	661	28
1700	1687.5	2	264	0.9	10.6	553	19				
1700	1662.5	3	136	0.8	13.8	641	22				
1700	1637.5	4	70	0.8	17.2	550	31				
1700	1612.5	5	56	0.9	16.1	586	27				
1700	1587.5	6	37	0.9	28.1	542	52				
1650	1662.5	1	863	1.2	5.4	452	12	-1662.5	19.1	599	31
1650	1637.5	2	286	1.2	7.7	449	17				
1650	1612.5	3	128	1.2	13.7	402	34				
1650	1587.5	4	95	1.2	13.2	497	27				
1650	1562.5	5	59	1.2	26.0	463	56				
1650	1537.5	6	76	1.2	51.2	836	61				
1600	1612.5	1	686	1.2	7.5	359	21	-1612.5	19.5	564	35
1600	1587.5	2	222	1.3	9.2	322	29				
1600	1562.5	3	147	1.3	10.4	426	24				
1600	1537.5	4	81	1.3	36.2	391	92				
1600	1512.5	5	108	1.3	37.6	783	48				
1600	1487.5	6	62	1.3	0.1	629	0				
1550	1562.5	1	170	0.3	6.1	356	17	-1562.5	19.4	527	37
1550	1537.5	2	66	0.3	11.6	415	28				
1550	1512.5	3	33	0.3	13.4	415	32				
1550	1487.5	4	35	0.3	21.0	733	29				
1550	1462.5	5	17	0.3	18.4	534	34				
1550	1437.5	6	8	0.3	19.6	352	56				
1500	1512.5	1	323	0.4	5.3	507	10	-1512.5	18.7	566	34
1500	1487.5	2	98	0.4	10.6	462	23				
1500	1462.5	3	97	0.5	15.5	731	21				
1500	1437.5	4	42	0.4	16.1	660	24				
1500	1412.5	5	22	0.40	14.5	518	28				
1500	1387.5	6	25	0.40	17.7	825	21				
1450	1462.5	1	434	0.60	6.8	454	15	-1462.5	19.2	619	33
1450	1437.5	2	347	0.60	11.5	1090	11				
1450	1412.5	3	130	0.70	12.5	700	18				
1450	1387.5	4	60	0.70	12.0	539	22				
1450	1362.5	5	61	0.80	14.2	719	20				
1400	1412.5	1	1325	0.80	6.9	1041	7	-1412.5	16.7	718	25
1400	1387.5	2	362	0.90	9.4	758	12				
1400	1362.5	3	165	1.00	12.1	622	19				
1400	1337.5	4	123	0.90	10.6	859	12				
1350	1362.5	1	497	0.30	8.4	1041	8	-1362.5	12.1	684	20
1350	1337.5	2	117	0.30	6.7	735	9				
1350	1312.5	3	82	0.40	8.5	773	11				

1300	1312.5	1	497	0.50	6.5	625	10	-1312.5	11.9	687	20
1300	1287.5	2	263	0.50	8.9	991	9				
1250	1262.5	1	1096	0.60	6.1	1148	5	-1262.5	11.0	886	13

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF9W
LINE : 900W
FILE NAME : 9W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	- Fraser Filter - Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2150	2162.5	1	142	0.2	47.3	446	106	-2162.5	36.1	630	61
2150	2137.5	2	71	0.2	37.1	669	55				
2150	2112.5	3	36	0.2	30.9	679	46				
2150	2087.5	4	17	0.2	34.1	534	64				
2150	2062.5	5	14	0.2	41.5	660	63				
2150	2037.5	6	12	0.2	25.6	792	32				
2100	2112.5	1	284	0.3	33.0	595	55	-2112.5	34.3	631	56
2100	2087.5	2	99	0.3	35.3	622	57				
2100	2062.5	3	44	0.3	34.5	553	62				
2100	2037.5	4	28	0.3	42.0	586	72				
2100	2012.5	5	23	0.3	27.5	723	38				
2100	1987.5	6	12	0.3	36.1	528	68				
2050	2062.5	1	316	0.3	19.3	662	29	-2062.5	31.8	630	54
2050	2037.5	2	68	0.3	31.1	427	73				
2050	2012.5	3	43	0.3	44.6	540	83				
2050	1987.5	4	32	0.3	22.9	670	34				
2050	1962.5	5	16	0.3	34.8	503	69				
2050	1937.5	6	22	0.3	17.2	968	18				
2000	2012.5	1	178	0.2	23.8	559	43	-2012.5	32.2	637	55
2000	1987.5	2	78	0.2	39.7	735	54				
2000	1962.5	3	40	0.2	27.4	754	36				
2000	1937.5	4	20	0.2	32.3	628	51				
2000	1912.5	5	37	0.4	12.0	872	14				
2000	1887.5	6	10	0.3	53.2	440	121				
1950	1962.5	1	302	0.3	36.6	633	58	-1962.5	32.3	656	54
1950	1937.5	2	103	0.3	28.4	647	44				
1950	1912.5	3	44	0.3	30.5	553	55				
1950	1887.5	4	40	0.3	12.1	838	14				
1950	1862.5	5	18	0.3	43.4	565	77				
1950	1837.5	6	11	0.3	39.1	484	81				
1900	1912.5	1	820	1.1	33.0	468	70	-1912.5	31.8	626	57
1900	1887.5	2	267	1.1	36.2	458	79				
1900	1862.5	3	209	1.1	24.6	716	34				
1900	1837.5	4	91	1.1	61.1	520	118				
1900	1812.5	5	54	1.1	39.0	463	84				
1900	1787.5	6	46	1.1	30.8	552	56				
1850	1862.5	1	261	0.4	31.2	410	76	-1862.5	35.7	577	69
1850	1837.5	2	134	0.4	35.0	631	55				
1850	1812.5	3	57	0.4	32.7	537	61				
1850	1787.5	4	61	0.8	34.4	479	72				
1850	1762.5	5	48	0.8	43.9	565	78				
1850	1737.5	6	28	0.9	70.4	411	171				
1800	1812.5	1	268	0.3	34.3	561	61	-1812.5	35.8	582	69
1800	1787.5	2	85	0.3	35.9	534	67				
1800	1762.5	3	55	0.5	36.6	415	88				

1800	1737.5	4	44	0.5	20.3	553	37				
1800	1712.5	5	23	0.5	33.2	434	77				
1800	1687.5	6	26	0.5	41.6	686	61				
1750	1762.5	1	452	0.7	32.4	406	80	-1762.5	40.2	486	86
1750	1737.5	2	123	0.7	41.2	331	124				
1750	1712.5	3	82	0.7	25.2	442	57				
1750	1687.5	4	40	0.7	35.2	359	98				
1750	1662.5	5	44	0.7	40.5	592	68				
1750	1637.5	6	23	0.7	53.3	434	123				
1700	1712.5	1	187	0.3	49.5	392	126	-1712.5	38.7	500	82
1700	1687.5	2	80	0.3	27.5	503	55				
1700	1662.5	3	32	0.3	38.3	402	95				
1700	1637.5	4	31	0.3	43.6	649	67				
1700	1612.5	5	21	0.3	31.6	660	48				
1700	1587.5	6	16	0.3	36.7	704	52				
1650	1662.5	1	313	0.6	37.6	328	115	-1662.5	38.1	517	78
1650	1637.5	2	113	0.6	45.7	355	129				
1650	1612.5	3	100	0.7	50.1	539	93				
1650	1587.5	4	62	0.7	35.5	557	64				
1650	1562.5	5	46	0.7	39.3	619	63				
1650	1537.5	6	27	0.7	20.3	509	40				
1600	1612.5	1	313	0.5	42.7	393	109	-1612.5	41.1	539	82
1600	1587.5	2	179	0.5	55.5	675	82				
1600	1562.5	3	87	0.5	39.6	656	60				
1600	1537.5	4	57	0.5	42.1	716	59				
1600	1512.5	5	30	0.5	15.0	565	27				
1600	1487.5	6	15	0.5	53.5	396	135				
1550	1562.5	1	529	0.5	51.1	665	77	-1562.5	41.0	587	74
1550	1537.5	2	169	0.5	36.6	637	57				
1550	1512.5	3	94	0.5	40.6	709	57				
1550	1487.5	4	42	0.5	20.3	528	38				
1550	1462.5	5	18	0.5	53.4	339	157				
1550	1437.5	6	19	0.5	60.9	501	121				
1500	1512.5	1	426	0.4	31.2	669	47	-1512.5	36.7	558	74
1500	1487.5	2	174	0.4	37.3	820	45				
1500	1462.5	3	62	0.5	20.9	467	45				
1500	1437.5	4	24	0.5	84.1	302	279				
1500	1412.5	5	26	0.5	26.4	490	54				
1500	1387.5	6	17	0.5	-7.9	449	-18				
1450	1462.5	1	522	0.3	25.7	1093	24	-1462.5	33.1	559	69
1450	1437.5	2	109	0.4	23.2	514	45				
1450	1412.5	3	38	0.3	34.0	478	71				
1450	1387.5	4	34	0.4	11.8	534	22				
1450	1362.5	5	19	0.4	24.9	448	56				
1400	1412.5	1	256	0.3	15.2	536	28	-1412.5	28.0	479	66
1400	1387.5	2	69	0.3	14.4	434	33				
1400	1362.5	3	47	0.3	15.2	591	26				
1400	1337.5	4	26	0.3	18.0	545	33				
1350	1362.5	1	313	0.3	7.7	656	12	-1362.5	27.8	499	68
1350	1337.5	2	142	0.4	8.9	669	13				
1350	1312.5	3	69	0.4	12.0	650	18				

1300	1312.5	1	408	0.3	4.3	855	5	-1312.5	16.5	593	31
1300	1287.5	2	126	0.3	6.9	792	9				
1250	1262.5	1	796	0.6	4.8	834	6	-1262.5	9.8	619	17

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF11W
LINE : 1100W
FILE NAME : 11W

								- Fraser Filter -			
P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2150	2162.5	1	221	0.5	39.7	278	143	-2162.5	38.5	560	84
2150	2137.5	2	191	0.5	35.2	720	49				
2150	2112.5	3	34	0.5	13.5	256	53				
2150	2087.5	4	79	0.5	14.7	993	15				
2150	2062.5	5	35	0.5	52.0	660	79				
2150	2037.5	6	24	0.7	75.8	452	168				
2100	2112.5	1	439	0.5	52.3	552	95	-2112.5	40.3	619	80
2100	2087.5	2	64	0.5	20.1	241	83				
2100	2062.5	3	128	0.5	26.1	965	27				
2100	2037.5	4	51	0.6	58.8	534	110				
2100	2012.5	5	23	0.5	81.9	434	189				
2100	1987.5	6	38	0.5	12.6	1003	13				
2050	2062.5	1	280	0.3	24.7	586	42	-2062.5	38.0	768	66
2050	2037.5	2	392	0.4	32.1	1847	17				
2050	2012.5	3	119	0.4	33.6	1122	30				
2050	1987.5	4	40	0.4	52.7	628	84				
2050	1962.5	5	40	0.4	34.1	942	36				
2050	1937.5	6	26	0.4	36.9	858	43				
2000	2012.5	1	1939	0.4	19.4	3046	6	-2012.5	39.5	1117	54
2000	1987.5	2	494	0.4	21.6	2328	9				
2000	1962.5	3	112	0.4	51.0	1056	48				
2000	1937.5	4	85	0.4	36.1	1335	27				
2000	1912.5	5	50	0.4	39.3	1178	33				
2000	1887.5	6	22	0.4	32.9	726	45				
1950	1962.5	1	1637	0.7	13.0	1469	9	-1962.5	44.5	924	93
1950	1937.5	2	317	0.7	43.3	854	51				
1950	1912.5	3	203	0.7	34.5	1093	32				
1950	1887.5	4	119	0.7	37.9	1068	35				
1950	1862.5	5	51	0.8	32.3	601	54				
1950	1837.5	6	12	1.1	110.0	144	764				
1900	1912.5	1	674	0.3	32.7	1412	23	-1912.5	45.3	829	99
1900	1887.5	2	186	0.3	36.0	1169	31				
1900	1862.5	3	90	0.3	39.4	1131	35				
1900	1837.5	4	34	0.3	35.9	712	50				
1900	1812.5	5	11	0.3	48.2	346	139				
1900	1787.5	6	6	0.3	47.4	264	180				
1850	1862.5	1	432	0.3	40.5	905	45	-1862.5	43.2	775	101
1850	1837.5	2	172	0.3	42.6	1081	39				
1850	1812.5	3	58	0.4	39.7	547	73				
1850	1787.5	4	18	0.3	51.7	377	137				
1850	1762.5	5	10	0.3	51.0	314	162				
1850	1737.5	6	11	0.3	68.8	484	142				
1800	1812.5	1	487	0.3	34.3	1020	34	-1812.5	51.3	600	142
1800	1787.5	2	110	0.4	42.0	518	81				
1800	1762.5	3	29	0.4	54.5	273	199				

1800	1737.5	4	15	0.4	50.7	236	215				
1800	1712.5	5	17	0.4	77.3	401	193				
1800	1687.5	6	15	0.6	104.5	330	317				
1750	1762.5	1	368	0.3	24.1	771	31	-1762.5	58.6	428	183
1750	1737.5	2	60	0.3	42.8	377	114				
1750	1712.5	3	25	0.3	42.3	314	135				
1750	1687.5	4	26	0.3	68.7	545	126				
1750	1662.5	5	15	0.3	98.3	471	209				
1750	1637.5	6	7	0.4	108.2	231	469				
1700	1712.5	1	228	0.5	37.0	287	129	-1712.5	67.1	357	221
1700	1687.5	2	70	0.5	43.8	264	166				
1700	1662.5	3	62	0.5	73.1	467	156				
1700	1637.5	4	31	0.5	98.5	390	253				
1700	1612.5	5	14	0.5	108.5	264	411				
1700	1587.5	6	49	0.9	23.2	718	32				
1650	1662.5	1	269	0.6	54.8	282	195	-1662.5	66.8	416	186
1650	1637.5	2	178	0.6	81.2	559	145				
1650	1612.5	3	85	0.6	64.5	534	121				
1650	1587.5	4	39	0.6	61.7	408	151				
1650	1562.5	5	43	0.6	40.5	675	60				
1650	1537.5	6	27	0.6	35.4	594	60				
1600	1612.5	1	580	0.6	71.1	607	117	-1612.5	68.9	483	168
1600	1587.5	2	173	0.7	68.0	466	146				
1600	1562.5	3	66	0.7	64.8	355	182				
1600	1537.5	4	60	0.7	48.0	539	89				
1600	1512.5	5	35	0.7	39.5	471	84				
1600	1487.5	6	29	0.6	43.1	638	68				
1550	1562.5	1	317	0.6	61.6	332	186	-1562.5	61.4	465	160
1550	1537.5	2	94	0.6	63.3	295	214				
1550	1512.5	3	84	0.6	47.3	528	90				
1550	1487.5	4	46	0.6	40.0	482	83				
1550	1462.5	5	38	0.6	44.0	597	74				
1550	1437.5	6	20	0.6	27.2	440	62				
1500	1512.5	1	298	0.5	78.2	374	209	-1512.5	54.1	481	136
1500	1487.5	2	161	0.6	61.1	506	121				
1500	1462.5	3	74	0.6	52.1	465	112				
1500	1437.5	4	55	0.6	56.0	576	97				
1500	1412.5	5	28	0.6	38.3	440	87				
1500	1387.5	6	23	0.6	54.9	506	109				
1450	1462.5	1	499	0.4	58.2	784	74	-1462.5	45.7	559	84
1450	1437.5	2	124	0.4	51.1	584	87				
1450	1412.5	3	71	0.4	56.7	669	85				
1450	1387.5	4	29	0.4	40.1	456	88				
1450	1362.5	5	22	0.4	57.8	518	112				
1400	1412.5	1	247	0.3	43.9	517	85	-1412.5	45.9	525	88
1400	1387.5	2	103	0.3	52.5	647	81				
1400	1362.5	3	33	0.3	37.9	415	91				
1400	1337.5	4	21	0.3	55.5	440	126				
1350	1362.5	1	794	0.7	26.1	713	37	-1362.5	43.0	541	81
1350	1337.5	2	197	0.7	17.3	530	33				
1350	1312.5	3	113	0.8	37.1	532	70				

1300	1312.5	1	1003	1.4	14.7	450	33	-1312.5	36.3	480	77
1300	1287.5	2	407	1.4	18.3	548	33				
1250	1262.5	1	1033	1.3	10.8	499	22	-1262.5	39.1	507	78

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF13W
LINE : 1300W
FILE NAME : 13W

Pi loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Fraser Filter Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2150	2162.5	1	309	0.5	26.1	388	67	-2162.5	29.3	845	60
2150	2137.5	2	103	0.6	67.4	324	208				
2150	2112.5	3	229	0.6	17.9	1439	12				
2150	2087.5	4	68	0.6	26.8	712	38				
2150	2062.5	5	83	0.6	24.3	1304	19				
2150	2037.5	6	41	0.6	13.4	902	15				
2100	2112.5	1	795	1.6	69.6	312	223	-2112.5	31.5	939	59
2100	2087.5	2	1323	1.7	17.7	1467	12				
2100	2062.5	3	331	1.6	25.0	780	32				
2100	2037.5	4	366	1.7	16.0	1353	12				
2100	2012.5	5	168	1.7	25.9	931	28				
2100	1987.5	6	104	1.7	42.4	807	53				
2050	2062.5	1	380	0.3	32.5	796	41	-2062.5	27.4	952	33
2050	2037.5	2	82	0.3	34.5	515	67				
2050	2012.5	3	78	0.3	25.6	980	26				
2050	1987.5	4	36	0.3	28.4	754	38				
2050	1962.5	5	21	0.3	47.5	660	72				
2050	1937.5	6	20	0.3	33.5	880	38				
2000	2012.5	1	176	0.4	53.0	276	192	-2012.5	33.7	774	55
2000	1987.5	2	136	0.4	37.1	641	58				
2000	1962.5	3	60	0.4	37.3	565	66				
2000	1937.5	4	35	0.4	44.0	550	80				
2000	1912.5	5	32	0.4	33.7	754	45				
2000	1887.5	6	17	0.4	58.7	561	105				
1950	1962.5	1	603	0.4	44.0	947	46	-1962.5	33.8	837	45
1950	1937.5	2	207	0.4	22.8	975	23				
1950	1912.5	3	100	0.4	22.2	942	24				
1950	1887.5	4	63	0.5	29.2	792	37				
1950	1862.5	5	33	0.5	21.5	622	35				
1950	1837.5	6	31	0.5	67.6	818	83				
1900	1912.5	1	1049	1.2	29.7	549	54	-1912.5	41.9	726	73
1900	1887.5	2	449	1.2	26.2	705	37				
1900	1862.5	3	229	1.2	33.4	719	46				
1900	1837.5	4	115	1.2	25.8	602	43				
1900	1812.5	5	106	1.2	62.1	833	75				
1900	1787.5	6	30	1.2	174.6	330	529				
1850	1862.5	1	1052	0.9	19.7	734	27	-1862.5	47.1	692	83
1850	1837.5	2	325	0.9	39.5	681	58				
1850	1812.5	3	146	0.9	36.1	612	59				
1850	1787.5	4	129	0.9	51.5	901	57				
1850	1762.5	5	48	1.0	74.4	452	164				
1850	1737.5	6	39	0.9	45.3	572	79				
1800	1812.5	1	358	0.5	36.6	450	81	-1812.5	52.6	615	105
1800	1787.5	2	111	0.5	31.1	418	74				
1800	1762.5	3	96	0.5	48.1	724	66				

1800	1737.5	4	34	0.5	66.0	427	154				
1800	1712.5	5	24	0.5	56.2	452	124				
1800	1687.5	6	12	0.5	80.4	317	254				
1750	1762.5	1	122	0.3	34.7	256	136	-1762.5	62.2	510	152
1750	1737.5	2	90	0.3	50.0	565	88				
1750	1712.5	3	29	0.3	70.8	364	194				
1750	1687.5	4	20	0.4	57.7	314	184				
1750	1662.5	5	10	0.3	89.0	314	283				
1750	1637.5	6	6	0.3	105.5	264	400				
1700	1712.5	1	528	0.5	34.0	664	51	-1712.5	71.6	472	197
1700	1687.5	2	104	0.5	62.7	392	160				
1700	1662.5	3	57	0.5	51.2	430	119				
1700	1637.5	4	26	0.5	70.9	327	217				
1700	1612.5	5	14	0.5	93.2	264	353				
1700	1587.5	6	7	0.5	91.7	185	496				
1650	1662.5	1	137	0.3	65.8	287	229	-1662.5	77.7	333	265
1650	1637.5	2	55	0.3	47.5	346	137				
1650	1612.5	3	20	0.3	67.9	251	270				
1650	1587.5	4	11	0.3	88.8	230	385				
1650	1562.5	5	5	0.3	89.2	157	568				
1650	1537.5	6	7	0.3	82.5	308	268				
1600	1612.5	1	465	0.5	57.0	584	98	-1612.5	73.6	355	249
1600	1587.5	2	109	0.5	76.1	411	185				
1600	1562.5	3	52	0.6	81.2	327	249				
1600	1537.5	4	23	0.6	80.9	241	336				
1600	1512.5	5	33	0.6	63.0	518	122				
1600	1487.5	6	29	0.6	69.9	638	110				
1550	1562.5	1	82	0.2	77.3	258	300	-1562.5	80.6	327	293
1550	1537.5	2	31	0.2	78.6	292	269				
1550	1512.5	3	11	0.3	82.0	138	593				
1550	1487.5	4	15	0.2	65.1	471	138				
1550	1462.5	5	12	0.2	76.8	565	136				
1550	1437.5	6	6	0.2	83.5	396	211				
1500	1512.5	1	83	0.2	78.9	261	303	-1512.5	80.7	358	283
1500	1487.5	2	23	0.2	82.2	217	379				
1500	1462.5	3	27	0.2	62.3	509	122				
1500	1437.5	4	21	0.2	74.9	660	114				
1500	1412.5	5	10	0.2	51.6	471	109				
1500	1387.5	6	6	0.2	112.7	396	285				
1450	1462.5	1	109	0.3	92.4	228	405	-1462.5	76.5	431	238
1450	1437.5	2	82	0.3	69.3	515	135				
1450	1412.5	3	60	0.3	77.4	754	103				
1450	1387.5	4	25	0.3	55.5	524	106				
1450	1362.5	5	16	0.3	106.1	503	211				
1450	1337.5	6	15	0.3	37.6	660	57				
1400	1412.5	1	187	0.2	82.8	587	141	-1412.5	70.7	569	135
1400	1387.5	2	102	0.2	70.7	961	74				
1400	1362.5	3	31	0.2	67.6	584	116				
1400	1337.5	4	21	0.2	53.4	660	81				
1400	1312.5	5	13	0.2	59.7	613	97				
1400	1287.5	6	10	0.2	62.5	660	95				
1350	1362.5	1	472	0.3	71.6	989	72	-1362.5	69.5	609	123
1350	1337.5	2	104	0.3	71.5	653	109				
1350	1312.5	3	60	0.4	56.1	565	99				
1350	1287.5	4	34	0.4	61.9	534	116				
1350	1262.5	5	24	0.4	63.6	565	112				

1350	1237.5	6	13	0.4	75.1	429	175				
1300	1312.5	1	328	0.3	63.2	687	92	-1312.5	65.2	561	125
1300	1287.5	2	131	0.3	47.1	823	57				
1300	1262.5	3	50	0.3	57.2	628	91				
1300	1237.5	4	28	0.3	58.1	586	99				
1300	1212.5	5	13	0.3	67.1	408	164				
1300	1187.5	6	10	0.3	57.5	440	131				
1250	1262.5	1	1002	0.5	38.7	1259	31	-1262.5	61.3	653	108
1250	1237.5	2	309	0.6	48.3	971	50				
1250	1212.5	3	148	0.6	51.8	930	56				
1250	1187.5	4	67	0.6	59.1	702	84				
1250	1162.5	5	46	0.60	51.6	723	71				
1200	1212.5	1	533	0.30	34.5	1116	31	-1212.5	54.6	677	90
1200	1187.5	2	169	0.40	43.4	796	54				
1200	1162.5	3	64	0.40	51.3	603	85				
1200	1137.5	4	39	0.30	43.1	817	53				
1150	1162.5	1	587	0.40	36.7	922	40	-1162.5	52.2	671	87
1150	1137.5	2	188	0.50	34.7	709	49				
1150	1112.5	3	102	0.50	27.5	769	36				
1100	1112.5	1	770	0.60	27.2	806	34	-1112.5	46.8	672	82
1100	1087.5	2	314	0.60	20.5	986	21				
1050	1062.5	1	127	0.20	22.8	399	57	-1062.5	37.2	689	61

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF15W
LINE : 1500W
FILE NAME : 15W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	- Fraser Filter - Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2050	2062.5	1	354	0.6	31.0	371	84	-2062.5	24.3	653	44
2050	2037.5	2	175	0.6	32.9	550	60				
2050	2012.5	3	89	0.6	25.7	559	46				
2050	1987.5	4	71	0.6	28.5	744	38				
2050	1962.5	5	35	0.6	10.8	550	20				
2050	1937.5	6	52	0.6	17.1	1144	15				
2000	2012.5	1	175	0.3	28.9	367	79	-2012.5	20.3	608	38
2000	1987.5	2	61	0.3	23.9	383	62				
2000	1962.5	3	44	0.3	25.7	553	46				
2000	1937.5	4	20	0.3	6.7	419	16				
2000	1912.5	5	27	0.3	13.1	848	15				
2000	1887.5	6	13	0.3	10.1	572	18				
1950	1962.5	1	249	0.3	37.3	522	72	-1962.5	21.8	662	37
1950	1937.5	2	119	0.3	39.9	748	53				
1950	1912.5	3	45	0.3	15.5	565	27				
1950	1887.5	4	54	0.3	20.9	1131	18				
1950	1862.5	5	24	0.3	8.3	754	11				
1950	1837.5	6	10	0.3	43.9	440	100				
1900	1912.5	1	465	0.5	43.7	584	75	-1912.5	26.4	683	45
1900	1887.5	2	135	0.5	22.1	509	43				
1900	1862.5	3	144	0.5	26.5	1086	24				
1900	1837.5	4	58	0.5	19.5	729	27				
1900	1812.5	5	22	0.5	49.4	415	119				
1900	1787.5	6	19	0.5	74.2	501	148				
1850	1862.5	1	212	0.4	24.1	333	72	-1862.5	30.6	651	58
1850	1837.5	2	198	0.4	28.6	933	31				
1850	1812.5	3	72	0.4	22.7	679	33				
1850	1787.5	4	25	0.4	48.7	393	124				
1850	1762.5	5	21	0.4	76.1	495	154				
1850	1737.5	6	16	0.4	74.3	528	141				
1800	1812.5	1	270	0.3	30.6	565	54	-1812.5	45.8	610	127
1800	1787.5	2	70	0.3	27.6	440	63				
1800	1762.5	3	21	0.3	49.4	264	187				
1800	1737.5	4	16	0.3	76.2	335	227				
1800	1712.5	5	12	0.3	76.5	377	203				
1800	1687.5	6	4	0.3	168.8	176	959				
1750	1762.5	1	479	0.3	32.5	1003	32	-1762.5	56.1	486	168
1750	1737.5	2	100	0.4	38.9	471	83				
1750	1712.5	3	62	0.4	64.3	584	110				
1750	1687.5	4	39	0.4	69.9	613	114				
1750	1662.5	5	9	0.4	72.6	212	342				
1750	1637.5	6	7	0.4	75.0	231	325				
1700	1712.5	1	754	0.5	36.6	948	39	-1712.5	69.3	512	194
1700	1687.5	2	347	0.5	65.6	1308	50				
1700	1662.5	3	176	0.5	73.4	1327	55				

1700	1637.5	4	36	0.6	71.6	377	190				
1700	1612.5	5	23	0.6	80.2	361	222				
1700	1587.5	6	18	0.6	70.2	396	177				
1650	1662.5	1	507	0.3	63.0	1062	59	-1662.5	77.5	541	208
1650	1637.5	2	210	0.4	72.2	990	73				
1650	1612.5	3	39	0.4	71.9	368	196				
1650	1587.5	4	23	0.4	81.3	361	225				
1650	1562.5	5	17	0.4	70.8	401	177				
1650	1537.5	6	11	0.4	80.3	363	221				
1600	1612.5	1	282	0.3	78.1	591	132	-1612.5	80.9	433	249
1600	1587.5	2	48	0.4	76.7	226	339				
1600	1562.5	3	26	0.4	85.0	245	347				
1600	1537.5	4	20	0.4	72.8	314	232				
1600	1512.5	5	12	0.4	83.9	283	297				
1600	1487.5	6	11	0.4	92.7	363	255				
1550	1562.5	1	57	0.3	90.0	119	754	-1562.5	84.8	280	353
1550	1537.5	2	22	0.3	93.5	138	676				
1550	1512.5	3	17	0.3	77.7	214	364				
1550	1487.5	4	10	0.3	88.9	209	424				
1550	1462.5	5	8	0.3	93.6	251	372				
1550	1437.5	6	6	0.3	82.5	264	313				
1500	1512.5	1	47	0.3	97.5	98	990	-1512.5	84.3	272	357
1500	1487.5	2	30	0.3	84.6	188	449				
1500	1462.5	3	15	0.3	91.5	188	485				
1500	1437.5	4	13	0.3	100.2	272	368				
1500	1412.5	5	10	0.3	87.5	314	279				
1500	1387.5	6	6	0.3	81.3	264	308				
1450	1462.5	1	103	0.4	87.3	162	540	-1462.5	84.4	258	359
1450	1437.5	2	30	0.4	92.8	141	656				
1450	1412.5	3	24	0.5	99.1	181	548				
1450	1387.5	4	19	0.5	81.8	239	343				
1450	1362.5	5	11	0.5	88.7	207	428				
1450	1337.5	6	8	0.5	63.3	211	300				
1400	1412.5	1	39	0.3	108.2	82	1325	-1412.5	85.1	246	401
1400	1387.5	2	31	0.3	101.2	195	520				
1400	1362.5	3	21	0.3	77.5	264	294				
1400	1337.5	4	11	0.3	61.3	230	266				
1400	1312.5	5	8	0.3	62.5	251	249				
1400	1287.5	6	6	0.2	67.6	396	171				
1350	1362.5	1	109	0.4	92.7	171	541	-1362.5	78.8	272	314
1350	1337.5	2	59	0.4	70.9	278	255				
1350	1312.5	3	26	0.4	62.3	245	254				
1350	1287.5	4	17	0.4	64.3	267	241				
1350	1262.5	5	18	0.4	62.9	424	148				
1350	1237.5	6	13	0.4	60.5	429	141				
1300	1312.5	1	243	0.4	74.9	382	196	-1312.5	69.5	341	232
1300	1287.5	2	65	0.4	63.0	306	206				
1300	1262.5	3	37	0.4	62.8	349	180				
1300	1237.5	4	34	0.4	66.6	534	125				
1300	1212.5	5	22	0.4	59.2	518	114				
1300	1187.5	6	24	0.4	57.8	792	73				
1250	1262.5	1	119	0.3	65.0	249	261	-1262.5	64.4	392	198
1250	1237.5	2	51	0.3	59.5	320	186				
1250	1212.5	3	41	0.3	65.0	515	126				
1250	1187.5	4	25	0.3	58.9	524	112				
1250	1162.5	5	26	0.3	54.8	817	67				

1200	1212.5	1	342	0.5	41.0	430	95	-1212.5	58.5	497	141
1200	1187.5	2	159	0.5	52.7	599	88				
1200	1162.5	3	78	0.5	47.2	588	80				
1200	1137.5	4	78	0.5	47.0	980	48				
1150	1162.5	1	259	0.3	35.6	542	66	-1162.5	53.3	609	97
1150	1137.5	2	84	0.3	31.6	528	60				
1150	1112.5	3	76	0.3	32.4	955	34				
1100	1112.5	1	151	0.3	23.6	316	75	-1112.5	45.2	644	76
1100	1087.5	2	102	0.3	23.7	641	37				
1050	1062.5	1	387	0.3	14.5	811	18	-1062.5	38.4	833	46

INTERPRETEX RESOURCES LTD.

INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT

POLE-DIPOLE ARRAY (pole southerly, dipole northerly)

ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6

GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF17W

LINE : 1700W

FILE NAME : 17W

								- Fraser Filter -			
Pl loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
2050	2062.5	1	1025	0.9	38.3	716	54	-2062.5	45.3	592	80
2050	2037.5	2	232	0.9	46.2	486	95				
2050	2012.5	3	139	0.9	44.6	582	77				
2050	1987.5	4	75	0.9	49.4	524	94				
2050	1962.5	5	50	0.9	55.6	524	106				
2050	1937.5	6	49	0.9	37.9	718	53				
2000	2012.5	1	378	0.6	39.2	396	99	-2012.5	41.2	569	77
2000	1987.5	2	160	0.6	33.7	503	67				
2000	1962.5	3	72	0.6	39.9	452	88				
2000	1937.5	4	45	0.6	46.9	471	100				
2000	1912.5	5	45	0.6	24.8	707	35				
2000	1887.5	6	41	0.6	34.7	902	38				
1950	1962.5	1	474	0.8	32.0	372	86	-1962.5	37.8	603	70
1950	1937.5	2	162	0.8	36.8	382	96				
1950	1912.5	3	91	0.8	44.1	429	103				
1950	1887.5	4	88	0.8	21.9	691	32				
1950	1862.5	5	76	0.8	31.3	895	35				
1950	1837.5	6	54	0.8	34.0	891	38				
1900	1912.5	1	78	0.3	33.4	163	204	-1912.5	35.4	576	77
1900	1887.5	2	37	0.3	45.3	232	195				
1900	1862.5	3	35	0.3	21.0	440	48				
1900	1837.5	4	29	0.3	30.9	607	51				
1900	1812.5	5	20	0.3	31.3	628	50				
1900	1787.5	6	16	0.3	17.4	704	25				
1850	1862.5	1	275	0.6	42.5	288	148	-1862.5	32.3	667	60
1850	1837.5	2	209	0.6	19.5	657	30				
1850	1812.5	3	151	0.6	27.8	949	29				
1850	1787.5	4	82	0.6	31.4	859	37				
1850	1762.5	5	61	0.6	16.5	958	17				
1850	1737.5	6	36	0.6	30.5	792	39				
1800	1812.5	1	755	0.5	35.2	949	37	-1812.5	31.7	820	43
1800	1787.5	2	380	0.5	41.6	1433	29				
1800	1762.5	3	144	0.5	47.2	1086	43				
1800	1737.5	4	86	0.5	28.4	1081	26				
1800	1712.5	5	48	0.5	37.1	905	41				
1800	1687.5	6	14	0.5	65.4	369	177				
1750	1762.5	1	548	0.3	41.0	1148	36	-1762.5	42.6	836	71
1750	1737.5	2	152	0.3	55.5	955	58				
1750	1712.5	3	73	0.3	37.8	917	41				
1750	1687.5	4	39	0.3	45.1	817	55				
1750	1662.5	5	10	0.3	71.1	314	226				
1750	1637.5	6	8	0.3	139.6	352	397				
1700	1712.5	1	837	0.5	43.4	1052	41	-1712.5	48.3	758	89
1700	1687.5	2	266	0.5	34.7	1003	35				
1700	1662.5	3	128	0.5	43.0	965	45				

1700	1637.5	4	30	0.5	72.0	377	191				
1700	1612.5	5	24	0.5	100.5	452	222				
1700	1587.5	6	17	0.5	32.0	449	71				
1650	1662.5	1	614	0.4	45.0	964	47	-1662.5	56.3	678	120
1650	1637.5	2	236	0.4	52.0	1112	47				
1650	1612.5	3	48	0.4	79.3	452	175				
1650	1587.5	4	35	0.4	80.2	550	146				
1650	1562.5	5	23	0.5	68.0	434	157				
1650	1537.5	6	8	0.4	87.3	264	331				
1600	1612.5	1	519	0.3	44.9	1087	41	-1612.5	69.5	548	164
1600	1587.5	2	68	0.3	85.1	427	199				
1600	1562.5	3	39	0.3	80.5	490	164				
1600	1537.5	4	23	0.3	99.4	482	206				
1600	1512.5	5	7	0.3	76.0	220	346				
1600	1487.5	6	6	0.4		198					
1550	1562.5	1	521	0.8	86.4	409	211	-1562.5	79.3	409	204
1550	1537.5	2	224	0.8	80.1	528	152				
1550	1512.5	3	135	0.8	63.5	636	100				
1550	1487.5	4	34	0.8	65.6	267	246				
1550	1462.5	5	27	0.8	70.2	318	221				
1550	1437.5	6	36	0.8	84.5	594	142				
1500	1512.5	1	158	0.3	90.8	331	274	-1512.5	79.3	389	222
1500	1487.5	2	70	0.3	69.0	440	157				
1500	1462.5	3	16	0.3	67.5	201	336				
1500	1437.5	4	12	0.3	74.6	251	297				
1500	1412.5	5	16	0.3	88.3	503	176				
1500	1387.5	6	5	0.3	68.1	220	310				
1450	1462.5	1	283	0.6	78.8	296	266	-1462.5	73.7	333	259
1450	1437.5	2	40	0.6	76.9	126	612				
1450	1412.5	3	29	0.6	75.8	182	416				
1450	1387.5	4	37	0.6	91.4	387	236				
1450	1362.5	5	12	0.6	66.2	188	351				
1450	1337.5	6	15	0.6	70.2	330	213				
1400	1412.5	1	27	0.3	86.4	57	1528	-1412.5	78.2	248	413
1400	1387.5	2	17	0.3	83.5	107	782				
1400	1362.5	3	19	0.3	101.4	239	425				
1400	1337.5	4	6	0.3	72.3	126	575				
1400	1312.5	5	7	0.3	75.1	220	342				
1400	1287.5	6	5	0.3	82.9	220	377				
1350	1362.5	1	47	0.4	82.8	74	1122	-1362.5	76.6	236	424
1350	1337.5	2	38	0.4	108.8	179	608				
1350	1312.5	3	9	0.4	84.6	85	997				
1350	1287.5	4	12	0.4	77.3	188	410				
1350	1262.5	5	9	0.4	81.2	212	383				
1350	1237.5	6	4	0.4	70.4	132	534				
1300	1312.5	1	436	0.6	65.9	457	144	-1312.5	78.9	263	370
1300	1287.5	2	59	0.6	70.1	185	378				
1300	1262.5	3	50	0.6	71.2	314	227				
1300	1237.5	4	30	0.6	90.4	314	288				
1300	1212.5	5	12	0.6	71.8	188	381				
1300	1187.5	6	11	0.6	65.1	242	269				
1250	1262.5	1	145	0.4	56.1	228	246	-1262.5	72.7	245	353
1250	1237.5	2	99	0.4	62.8	467	135				
1250	1212.5	3	48	0.4	85.0	452	188				
1250	1187.5	4	17	0.4	67.8	267	254				
1250	1162.5	5	14	0.4	64.5	330	196				

1200	1212.5	1	708	0.6	54.5	741	74	-1212.5	71.2	354	256
1200	1187.5	2	243	0.6	72.2	763	95				
1200	1162.5	3	74	0.6	63.2	465	136				
1200	1137.5	4	50	0.6	56.5	524	108				
1150	1162.5	1	561	0.4	63.5	881	72	-1162.5	69.7	408	232
1150	1137.5	2	112	0.4	59.5	528	113				
1150	1112.5	3	64	0.4	52.1	603	86				
1100	1112.5	1	574	0.4	45.1	902	50	-1112.5	59.3	479	196
1100	1087.5	2	231	0.4	36.2	1089	33				
1050	1062.5	1	836	0.4	27.4	1313	21	-1062.5	50.3	683	119

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF19W
LINE : 1900W
FILE NAME : 19W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Fraser Filter Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
1950	1962.5	1	196	0.7	43.1	176	245	-1962.5	52.2	243	236
1950	1937.5	2	65	0.7	55.5	175	317				
1950	1912.5	3	43	0.7	63.3	232	273				
1950	1887.5	4	29	0.7	60.8	260	234				
1950	1862.5	5	33	0.7	51.4	444	116				
1950	1837.5	6	9	0.7	38.9	170	229				
1900	1912.5	1	254	0.6	35.3	266	133	-1912.5	47.8	313	174
1900	1887.5	2	105	0.6	52.3	330	159				
1900	1862.5	3	59	0.6	51.9	371	140				
1900	1837.5	4	56	0.6	46.4	586	79				
1900	1812.5	5	15	0.6	31.9	236	135				
1900	1787.5	6	17	0.6	38.5	374	103				
1850	1862.5	1	312	0.9	46.2	218	212	-1862.5	46.4	326	157
1850	1837.5	2	135	0.9	46.8	283	166				
1850	1812.5	3	113	0.9	43.5	473	92				
1850	1787.5	4	28	0.9	30.9	195	158				
1850	1762.5	5	30	0.9	34.6	314	110				
1850	1737.5	6	28	0.9	58.3	411	142				
1800	1812.5	1	183	0.4	32.9	287	114	-1812.5	41.9	358	129
1800	1787.5	2	101	0.4	38.0	476	80				
1800	1762.5	3	21	0.4	25.4	198	128				
1800	1737.5	4	20	0.4	33.7	314	107				
1800	1712.5	5	17	0.4	54.5	401	136				
1800	1687.5	6	20	0.4	36.2	660	55				
1750	1762.5	1	573	0.6	33.1	600	55	-1762.5	38.6	429	104
1750	1737.5	2	84	0.6	21.6	264	82				
1750	1712.5	3	72	0.6	21.3	452	47				
1750	1687.5	4	54	0.6	57.2	565	101				
1750	1662.5	5	59	0.6	36.4	927	39				
1750	1637.5	6	24	0.6	39.9	528	76				
1700	1712.5	1	230	0.5	22.3	289	77	-1712.5	37.6	473	97
1700	1687.5	2	141	0.5	20.9	532	39				
1700	1662.5	3	93	0.5	60.2	701	86				
1700	1637.5	4	90	0.5	38.4	1131	34				
1700	1612.5	5	35	0.5	32.4	660	49				
1700	1587.5	6	23	0.5	55.9	607	92				
1650	1662.5	1	1039	0.9	19.5	725	27	-1662.5	39.3	722	68
1650	1637.5	2	557	0.9	38.5	1167	33				
1650	1612.5	3	428	0.9	33.0	1793	18				
1650	1587.5	4	149	0.9	22.2	1040	21				
1650	1562.5	5	100	0.9	35.0	1047	33				
1650	1537.5	6	55	0.9	58.6	806	73				
1600	1612.5	1	247	0.3	32.8	517	63	-1612.5	43.2	747	76
1600	1587.5	2	143	0.3	31.3	898	35				
1600	1562.5	3	44	0.3	19.8	553	36				

1600	1537.5	4	27	0.3	31.1	565	55				
1600	1512.5	5	14	0.3	57.7	440	131				
1600	1487.5	6	6	0.3	77.2	264	293				
1550	1562.5	1	914	0.4	35.5	1436	25	-1562.5	42.4	798	71
1550	1537.5	2	203	0.5	25.0	765	33				
1550	1512.5	3	116	0.5	34.4	875	39				
1550	1487.5	4	55	0.5	61.9	691	90				
1550	1462.5	5	23	0.5	72.4	434	167				
1550	1437.5	6	24	0.5	57.1	633	90				
1500	1512.5	1	274	0.3	30.2	574	53	-1512.5	49.8	617	115
1500	1487.5	2	130	0.3	38.2	817	47				
1500	1462.5	3	50	0.3	67.5	628	107				
1500	1437.5	4	17	0.3	80.6	356	226				
1500	1412.5	5	17	0.3	73.5	534	138				
1500	1387.5	6	3	0.3	75.8	132	574				
1450	1462.5	1	1148	0.6	28.8	1202	24	-1462.5	60.9	617	161
1450	1437.5	2	354	0.6	60.7	1112	55				
1450	1412.5	3	90	0.6	82.8	565	146				
1450	1387.5	4	86	0.6	66.8	901	74				
1450	1362.5	5	10	0.6	78.7	157	501				
1450	1337.5	6	9	0.6	84.1	198	425				
1400	1412.5	1	542	0.4	44.6	851	52	-1412.5	70.5	498	230
1400	1387.5	2	95	0.4	78.5	448	175				
1400	1362.5	3	84	0.4	63.4	792	80				
1400	1337.5	4	8	0.4	69.5	126	553				
1400	1312.5	5	7	0.4	91.4	165	554				
1400	1287.5	6	7	0.4	77.3	231	335				
1350	1362.5	1	107	0.3	74.7	224	333	-1362.5	75.3	343	361
1350	1337.5	2	86	0.3	61.0	540	113				
1350	1312.5	3	6	0.3	77.5	75	1028				
1350	1287.5	4	5	0.3	95.1	105	908				
1350	1262.5	5	5	0.3	74.9	157	477				
1350	1237.5	6	4	0.3	69.7	176	396				
1300	1312.5	1	557	0.3	70.3	1167	60	-1312.5	75.1	320	483
1300	1287.5	2	9	0.3	82.2	57	1454				
1300	1262.5	3	7	0.3	85.1	88	967				
1300	1237.5	4	7	0.3	77.6	147	529				
1300	1212.5	5	5	0.3	71.1	157	453				
1300	1187.5	6	4	0.3	74.4	176	423				
1250	1262.5	1	16	0.3	86.6	34	2584	-1262.5	79.0	136	744
1250	1237.5	2	10	0.3	91.3	63	1453				
1250	1212.5	3	10	0.3	79.9	126	636				
1250	1187.5	4	7	0.3	73.1	147	499				
1250	1162.5	5	5	0.3	73.2	157	466				
1250	1137.5	6	4	0.3	70.2	176	399				
1200	1212.5	1	19	0.3	90.4	40	2272	-1212.5	78.9	143	668
1200	1187.5	2	16	0.3	86.9	101	864				
1200	1162.5	3	10	0.3	74.4	126	592				
1200	1137.5	4	7	0.3	81.5	147	556				
1200	1112.5	5	5	0.3	68.9	157	439				
1200	1087.5	6	4	0.3	67.4	176	383				
1150	1162.5	1	134	0.4	90.7	210	431	-1162.5	75.5	175	456
1150	1137.5	2	47	0.4	78.2	221	353				
1150	1112.5	3	24	0.4	86.5	226	382				
1150	1087.5	4	14	0.4	81.4	220	370				
1150	1062.5	5	9	0.4	72.2	212	340				

1150	1037.5	6	7	0.4	56.4	231	244				
1100	1112.5	1	184	0.3	76.3	385	198	-1112.5	73.4	254	354
1100	1087.5	2	55	0.3	84.2	346	244				
1100	1062.5	3	21	0.3	81.1	264	307				
1100	1037.5	4	20	0.3	75.1	419	179				
1100	1012.5	5	15	0.3	65.4	471	139				
1100	987.5	6	17	0.3	61.2	748	82				
1050	1062.5	1	288	0.3	64.4	603	107	-1062.5	71.1	353	277
1050	1037.5	2	81	0.3	72.9	509	143				
1050	1012.5	3	36	0.3	65.7	452	145				
1050	987.5	4	26	0.3	59.0	545	108				
1050	962.5	5	26	0.3	61.7	817	76				
1000	1012.5	1	271	0.4	65.0	426	153	-1012.5	66.2	445	209
1000	987.5	2	104	0.4	60.3	490	123				
1000	962.5	3	69	0.4	54.9	650	84				
1000	937.5	4	67	0.4	52.9	1052	50				
950	962.5	1	318	0.5	44.3	400	111	-962.5	59.1	550	146
950	937.5	2	164	0.5	43.1	618	70				
950	912.5	3	129	0.5	46.2	973	47				
900	912.5	1	697	0.4	31.7	1095	29	-912.5	51.6	783	87
900	887.5	2	301	0.4	35.3	1418	25				
850	862.5	1	602	0.3	24.7	1261	20	-862.5	47.0	1045	50

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF21W
LINE : 2100W
FILE NAME : 21W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Fraser Filter Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
1950	1962.5	1	83	0.4	52.9	130	406	-1962.5	51.0	208	267
1950	1937.5	2	40	0.4	60.9	188	323				
1950	1912.5	3	30	0.4	55.1	283	195				
1950	1887.5	4	17	0.4	37.4	267	140				
1950	1862.5	5	9	0.4	48.5	212	229				
1950	1837.5	6	5	0.4	51.2	165	310				
1900	1912.5	1	249	0.7	73.3	224	328	-1912.5	55.3	229	258
1900	1887.5	2	114	0.7	65.1	307	212				
1900	1862.5	3	54	0.7	46.3	291	159				
1900	1837.5	4	22	0.7	59.0	197	299				
1900	1812.5	5	10	0.7	54.3	135	403				
1900	1787.5	6	13	0.7	57.6	245	235				
1850	1862.5	1	243	0.5	63.2	305	207	-1862.5	53.8	258	239
1850	1837.5	2	88	0.5	45.1	332	136				
1850	1812.5	3	26	0.5	64.7	196	330				
1850	1787.5	4	11	0.5	55.7	138	403				
1850	1762.5	5	13	0.5	58.1	245	237				
1850	1737.5	6	21	0.5	46.3	554	84				
1800	1812.5	1	150	0.2	45.9	471	97	-1812.5	52.7	277	235
1800	1787.5	2	27	0.2	64.3	254	253				
1800	1762.5	3	10	0.2	60.4	188	320				
1800	1737.5	4	13	0.3	59.5	272	219				
1800	1712.5	5	21	0.3	47.1	660	71				
1800	1687.5	6	6	0.5	47.3	158	299				
1750	1762.5	1	116	0.5	66.3	146	455	-1762.5	53.7	263	259
1750	1737.5	2	41	0.5	61.3	155	397				
1750	1712.5	3	30	0.5	30.6	226	135				
1750	1687.5	4	45	0.5	48.4	565	86				
1750	1662.5	5	8	0.5	43.4	151	288				
1750	1637.5	6	15	0.5	49.0	396	124				
1700	1712.5	1	148	0.6	70.4	155	454	-1712.5	53.6	300	240
1700	1687.5	2	66	0.6	72.0	207	347				
1700	1662.5	3	89	0.6	56.8	559	102				
1700	1637.5	4	16	0.6	51.6	168	308				
1700	1612.5	5	27	0.6	54.3	424	128				
1700	1587.5	6	24	0.6	50.4	528	95				
1650	1662.5	1	131	0.4	57.5	206	279	-1662.5	52.0	362	179
1650	1637.5	2	117	0.4	53.4	551	97				
1650	1612.5	3	22	0.4	51.7	207	249				
1650	1587.5	4	28	0.5	54.9	352	156				
1650	1562.5	5	23	0.5	53.1	434	122				
1650	1537.5	6	19	0.5	49.7	501	99				
1600	1612.5	1	630	0.8	38.7	495	78	-1612.5	48.8	426	141
1600	1587.5	2	90	0.8	40.7	212	192				
1600	1562.5	3	85	0.8	45.9	401	115				

1600	1537.5	4	64	0.8	48.9	503	97				
1600	1512.5	5	50	0.8	48.4	589	82				
1600	1487.5	6	33	0.8	44.9	544	82				
1550	1562.5	1	264	0.4	23.9	415	58	-1562.5	46.4	435	136
1550	1537.5	2	127	0.4	35.2	598	59				
1550	1512.5	3	72	0.4	45.4	679	67				
1550	1487.5	4	49	0.4	45.3	770	59				
1550	1462.5	5	29	0.4	48.4	683	71				
1550	1437.5	6	13	0.4	41.1	429	96				
1500	1512.5	1	479	0.3	19.4	1003	19	-1512.5	45.4	693	80
1500	1487.5	2	198	0.3	35.4	1244	28				
1500	1462.5	3	112	0.3	37.6	1407	27				
1500	1437.5	4	57	0.3	43.2	1194	36				
1500	1412.5	5	23	0.3	43.9	723	61				
1500	1387.5	6	26	0.3	59.2	1144	52				
1450	1462.5	1	443	0.3	30.4	928	33	-1462.5	47.6	796	76
1450	1437.5	2	198	0.3	36.6	1244	29				
1450	1412.5	3	91	0.3	43.7	1144	38				
1450	1387.5	4	33	0.3	39.1	691	57				
1450	1362.5	5	33	0.3	59.2	1037	57				
1450	1337.5	6	7	0.3	95.4	308	310				
1400	1412.5	1	381	0.2	40.5	1197	34	-1412.5	49.9	828	101
1400	1387.5	2	140	0.2	41.3	1319	31				
1400	1362.5	3	44	0.2	40.7	829	49				
1400	1337.5	4	36	0.2	54.3	1131	48				
1400	1312.5	5	8	0.2	47.2	377	125				
1400	1287.5	6	3	0.3	88.5	132	671				
1350	1362.5	1	1140	0.4	42.8	1791	24	-1362.5	53.7	787	153
1350	1337.5	2	239	0.4	41.6	1126	37				
1350	1312.5	3	134	0.4	56.1	1263	44				
1350	1287.5	4	26	0.4	49.0	408	120				
1350	1262.5	5	7	0.4	75.4	165	457				
1350	1237.5	6	3	0.4	73.0	99	738				
1300	1312.5	1	467	0.3	46.6	978	48	-1312.5	58.8	627	243
1300	1287.5	2	173	0.3	59.3	1087	55				
1300	1262.5	3	32	0.3	52.7	402	131				
1300	1237.5	4	7	0.3	80.1	147	546				
1300	1212.5	5	2	0.3	73.1	63	1163				
1300	1187.5	6									
1250	1262.5	1	470	0.4	62.5	738	85	-1262.5	68.1	457	441
1250	1237.5	2	61	0.4	56.9	287	198				
1250	1212.5	3	10	0.4	85.7	94	909				
1250	1187.5	4	3	0.4	78.7	47	1670				
1250	1162.5	5	5	0.4	79.8	118	677				
1250	1137.5	6	3	0.4	76.0	99	768				
1200	1212.5	1	135	0.3	66.9	283	237	-1212.5	74.4	168	793
1200	1187.5	2	8	0.3	93.7	50	1864				
1200	1162.5	3	3	0.3	85.4	38	2265				
1200	1137.5	4	4	0.3	69.5	84	830				
1200	1112.5	5	2	0.3	79.3	63	1262				
1200	1087.5	6	2	0.3	81.2	88	923				
1150	1162.5	1	36	0.4	105.5	57	1866	-1162.5	82.1	96	1082
1150	1137.5	2	9	0.4	96.2	42	2268				
1150	1112.5	3	12	0.4	90.8	113	803				
1150	1087.5	4	5	0.4	83.5	79	1063				
1150	1062.5	5	6	0.4	74.3	141	526				

1150	1037.5	6	6	0.4	72.2	198	365				
1100	1112.5	1	41	0.4	91.4	64	1419	-1112.5	80.8	101	995
1100	1087.5	2	32	0.4	95.2	151	631				
1100	1062.5	3	10	0.4	92.7	94	984				
1100	1037.5	4	8	0.4	79.1	126	629				
1100	1012.5	5	8	0.4	79.2	188	420				
1100	987.5	6	4	0.4	64.8	132	491				
1050	1062.5	1	676	0.6	86.7	708	122	-1062.5	77.3	193	572
1050	1037.5	2	114	0.6	91.9	358	257				
1050	1012.5	3	61	0.6	88.9	383	232				
1050	987.5	4	44	0.6	92.4	461	201				
1050	962.5	5	17	0.6	69.0	267	258				
1000	1012.5	1	184	0.3	81.3	385	211	-1012.5	80.1	242	509
1000	987.5	2	83	0.3	83.5	522	160				
1000	962.5	3	52	0.4	89.0	490	182				
1000	937.5	4	18	0.4	63.0	283	223				
950	962.5	1	692	0.5	66.7	870	77	-962.5	75.9	366	327
950	937.5	2	232	0.5	71.9	875	82				
950	912.5	3	61	0.5	62.6	460	136				
900	912.5	1	633	0.4	61.5	994	62	-912.5	71.1	437	231
900	887.5	2	98	0.4	56.7	462	123				
850	862.5	1	312	0.4	46.8	490	95	-862.5	60.5	349	221

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF23W
LINE : 2300W
FILE NAME : 23W

								- Fraser Filter -			
P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
1050	1062.5	1	13	0.5	111.0	16	6795	-1062.5	80.9	47	2791
1050	1037.5	2	6	0.5	92.2	23	4076				
1050	1012.5	3	4	0.5	86.7	30	2875				
1050	987.5	4	4	0.5	62.7	50	1247				
1050	962.5	5	3	0.5	60.1	57	1063				
1050	937.5	6	4	0.5	72.9	106	691				
1000	1012.5	1	15	0.4	117.7	24	4995	-1012.5	84.5	48	2302
1000	987.5	2	6	0.4	109.5	28	3873				
1000	962.5	3	5	0.4	87.5	47	1857				
1000	937.5	4	3	0.4	75.0	47	1592				
1000	912.5	5	3	0.4	80.1	71	1133				
1000	887.5	6	1	0.3	84.6	44	1924				
950	962.5	1	68	0.5	107.0	85	1252	-962.5	82.6	66	1571
950	937.5	2	31	0.5	92.7	117	793				
950	912.5	3	12	0.5	76.5	90	846				
950	887.5	4	9	0.5	83.8	113	741				
950	862.5	5	3	0.4	72.3	71	1023				
950	837.5	6	1	0.4	87.7	33	2659				
900	912.5	1	257	0.3	68.1	538	127	-912.5	73.8	141	968
900	887.5	2	57	0.3	66.5	358	186				
900	862.5	3	29	0.3	85.3	364	234				
900	837.5	4	9	0.3	61.8	188	328				
900	812.5	5	5	0.3	56.2	157	358				
900	787.5	6	2	0.3	54.7	88	622				
850	862.5	1	207	0.3	68.2	434	157	-862.5	70.5	185	742
850	837.5	2	93	0.3	80.6	584	138				
850	812.5	3	25	0.3	63.7	314	203				
850	787.5	4	12	0.3	65.0	251	259				
850	762.5	5	5	0.3	53.8	157	343				
850	737.5	6	4	0.3	61.0	176	347				
800	812.5	1	451	0.4	65.7	708	93	-812.5	66.7	235	573
800	787.5	2	84	0.4	55.7	396	141				
800	762.5	3	33	0.4	56.2	311	181				
800	737.5	4	13	0.4	43.5	204	213				
800	712.5	5	10	0.4	53.0	236	225				
800	687.5	6	11	0.4	62.2	363	171				
750	762.5	1	289	0.4	53.9	454	119	-762.5	59.3	262	465
750	737.5	2	86	0.4	52.7	405	130				
750	712.5	3	28	0.4	38.4	264	146				
750	687.5	4	20	0.4	47.1	314	150				
750	662.5	5	20	0.4	61.3	471	130				
750	637.5	6	18	0.4	59.7	594	101				
700	712.5	1	209	0.3	46.2	438	106	-712.5	54.2	344	314
700	687.5	2	53	0.3	33.6	333	101				
700	662.5	3	31	0.3	43.1	390	111				

700	637.5	4	30	0.3	56.3	628	90				
700	612.5	5	25	0.3	57.9	785	74				
700	587.5	6	14	0.3	49.5	616	80				
650	662.5	1	185	0.5	26.0	232	112	-662.5	48.0	421	161
650	637.5	2	99	0.5	36.3	373	97				
650	612.5	3	89	0.5	51.0	671	76				
650	587.5	4	70	0.5	48.5	880	55				
650	562.5	5	37	0.5	45.1	697	65				
650	537.5	6	14	0.5	26.0	369	70				
600	612.5	1	606	0.7	38.1	544	70	-612.5	50.0	555	110
600	587.5	2	333	0.7	55.0	897	61				
600	562.5	3	164	0.6	56.1	1030	54				
600	537.5	4	70	0.6	53.6	733	73				
600	512.5	5	27	0.6	31.9	424	75				
600	487.5	6	21	0.6	58.0	462	126				
550	562.5	1	581	0.7	48.1	522	92	-562.5	50.7	609	89
550	537.5	2	226	0.6	52.8	710	74				
550	512.5	3	87	0.6	57.7	547	106				
550	487.5	4	36	0.7	32.1	323	99				
550	462.5	5	26	0.6	48.4	408	119				
550	437.5	6	30	0.6	54.0	660	82				
500	512.5	1	655	0.7	42.7	588	73	-512.5	47.2	583	85
500	487.5	2	192	0.7	48.7	517	94				
500	462.5	3	63	0.7	31.1	339	92				
500	437.5	4	42	0.7	36.4	377	97				
500	412.5	5	45	0.7	52.9	606	87				
450	462.5	1	363	0.3	39.2	760	52	-462.5	43.3	515	87
450	437.5	2	53	0.3	28.7	333	86				
450	412.5	3	33	0.3	35.5	415	86				
450	387.5	4	33	0.3	50.3	691	73				
400	412.5	1	117	0.4	26.4	184	144	-412.5	39.7	433	95
400	387.5	2	68	0.4	34.1	320	106				
400	362.5	3	62	0.4	49.3	584	84				
350	362.5	1	254	0.7	35.3	228	155	-362.5	45.9	473	102
350	337.5	2	167	0.7	51.1	450	114				

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF25W
LINE : 2500W
FILE NAME : 25W

P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Fraser Filter Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
950	962.5	1	8	0.7	90.4	7	12589	-962.5	72.5	26	5771
950	937.5	2	2	0.7	75.4	5	14000				
950	912.5	3	5	0.7	57.4	27	2132				
950	887.5	4	4	0.7	61.7	36	1718				
950	862.5	5	2	0.7	79.0	27	2934				
950	837.5	6	3	0.7	70.9	57	1254				
900	912.5	1	2	0.3	83.4	4	19910	-912.5	67.1	26	5103
900	887.5	2	3	0.3	55.9	19	2966				
900	862.5	3	2	0.4	56.0	19	2971				
900	837.5	4	1	0.4	82.2	16	5233				
900	812.5	5	2	0.4	57.3	47	1216				
900	787.5	6	1	0.4	59.3	33	1798				
850	862.5	1	7	0.3	72.8	15	4966	-862.5	68.9	35	2569
850	837.5	2	4	0.3	72.6	25	2889				
850	812.5	3	2	0.3	104.8	25	4170				
850	787.5	4	3	0.3	70.5	63	1122				
850	762.5	5	1	0.3	80.9	31	2575				
850	737.5	6	2	0.3	51.6	88	587				
800	812.5	1	54	0.3	105.0	113	928	-812.5	76.3	57	1926
800	787.5	2	10	0.3	104.3	63	1660				
800	762.5	3	9	0.3	88.7	113	784				
800	737.5	4	3	0.3	95.5	63	1520				
800	712.5	5	4	0.3	61.9	126	493				
800	687.5	6	2	0.3	71.5	88	813				
750	762.5	1	241	0.4	79.3	379	209	-762.5	73.2	150	1370
750	737.5	2	134	0.4	64.5	631	102				
750	712.5	3	35	0.4	64.8	330	196				
750	687.5	4	25	0.4	56.8	393	145				
750	662.5	5	11	0.4	67.7	259	261				
750	637.5	6	5	0.4	53.0	165	321				
700	712.5	1	590	0.3	68.2	1236	55	-712.5	65.6	299	661
700	687.5	2	127	0.4	68.7	598	115				
700	662.5	3	84	0.4	56.2	792	71				
700	637.5	4	33	0.4	68.6	518	132				
700	612.5	5	15	0.4	48.3	353	137				
700	587.5	6	9	0.4	52.3	297	176				
650	662.5	1	318	0.3	71.9	666	108	-662.5	63.1	363	483
650	637.5	2	171	0.3	58.6	1074	55				
650	612.5	3	54	0.3	72.5	679	107				
650	587.5	4	22	0.3	55.8	461	121				
650	562.5	5	14	0.3	58.5	440	133				
650	537.5	6	4	0.3	51.0	176	290				
600	612.5	1	633	0.4	60.6	994	61	-612.5	59.0	439	220
600	587.5	2	147	0.4	73.6	693	106				
600	562.5	3	51	0.4	57.0	481	119				

600	537.5	4	28	0.3	59.0	586	101				
600	512.5	5	9	0.3	48.5	283	172				
600	487.5	6	6	0.3	56.1	264	213				
550	562.5	1	680	0.7	76.7	610	126	-562.5	59.8	405	194
550	537.5	2	199	0.7	61.3	536	114				
550	512.5	3	109	0.7	61.1	587	104				
550	487.5	4	34	0.7	47.4	305	155				
550	462.5	5	24	0.7	56.4	323	175				
500	512.5	1	543	0.5	47.0	682	69	-512.5	53.4	407	153
500	487.5	2	216	0.6	51.2	679	75				
500	462.5	3	58	0.6	41.2	364	113				
500	437.5	4	33	0.6	56.7	346	164				
450	462.5	1	848	0.5	38.9	1066	37	-462.5	50.7	456	137
450	437.5	2	193	0.6	34.0	606	56				
450	412.5	3	68	0.5	48.2	513	94				
400	412.5	1	468	0.6	27.8	490	57	-412.5	44.8	378	140
400	387.5	2	156	0.6	25.7	490	52				
350	362.5	1	324	0.7	19.7	291	68	-362.5	43.8	371	128

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF27W
LINE : 2700W
FILE NAME : 27W

								- Fraser Filter -			
Pl loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
950	962.5	1	761	0.6	58.6	797	74	-962.5	62.7	157	3325
950	937.5	2	11	0.6	66.9	35	1936				
950	912.5	3	1	0.6	48.1	6	7655				
950	887.5	4	1	0.6	79.4	10	7582				
950	862.5	5	3	0.6	60.8	47	1290				
950	837.5	6	2	0.6	62.1	44	1412				
900	912.5	1	15	0.3	64.6	31	2056	-912.5	63.0	24	7558
900	887.5	2	1	0.3	53.9	3	17157				
900	862.5	3	0	0.3	95.7	3	38078				
900	837.5	4	1	0.3	49.6	21	2368				
900	812.5	5	1	0.3	57.6	31	1833				
900	787.5	6	1	0.3	54.4	31	1767				
850	862.5	1	2	0.7	54.3	2	30247	-862.5	63.8	22	12728
850	837.5	2	1	0.7	119.8	2	74149				
850	812.5	3	5	0.8	55.8	24	2368				
850	787.5	4	4	0.8	60.2	31	1916				
850	762.5	5	3	0.8	55.6	35	1573				
850	737.5	6	2	0.8	50.2	33	1522				
800	812.5	1	1	0.4	88.1	2	56086	-812.5	67.0	23	11547
800	787.5	2	3	0.3	66.5	19	3528				
800	762.5	3	2	0.3	67.4	25	2682				
800	737.5	4	1	0.3	56.6	21	2702				
800	712.5	5	1	0.3	49.5	19	2626				
800	687.5	6	0	0.3	76.6	18	4354				
750	762.5	1	6	0.3	86.0	13	6844	-762.5	62.1	26	2706
750	737.5	2	4	0.3	83.6	25	3326				
750	712.5	3	2	0.3	73.8	25	2936				
750	687.5	4	1	0.3	76.3	21	3643				
750	662.5	5	1	0.3	48.0	19	2546				
750	637.5	6	0	0.3	50.8	18	2888				
700	712.5	1	52	0.3	93.8	109	861	-712.5	67.5	41	2175
700	687.5	2	19	0.3	86.7	119	726				
700	662.5	3	7	0.3	82.5	88	938				
700	637.5	4	2	0.3	81.0	42	1934				
700	612.5	5	2	0.3	83.0	63	1321				
700	587.5	6		0.3							
650	662.5	1	305	0.3	65.1	639	102	-662.5	64.4	141	1627
650	637.5	2	83	0.3	63.0	522	121				
650	612.5	3	22	0.3	71.1	276	257				
650	587.5	4	12	0.3	64.1	251	255				
650	562.5	5	9	0.3	46.3	283	164				
650	537.5	6	7	0.3	52.7	308	171				
600	612.5	1	480	0.3	47.3	1005	47	-612.5	59.6	276	1165
600	587.5	2	90	0.3	55.3	565	98				
600	562.5	3	41	0.3	56.4	515	109				

600	537.5	4	27	0.3	41.0	565	73				
600	512.5	5	19	0.3	47.5	597	80				
600	487.5	6	7	0.3	49.7	308	161				
550	562.5	1	463	0.3	41.3	970	43	-562.5	54.9	383	777
550	537.5	2	120	0.3	52.8	754	70				
550	512.5	3	57	0.3	38.0	716	53				
550	487.5	4	32	0.3	43.7	670	65				
550	462.5	5	11	0.3	43.1	346	125				
500	512.5	1	498	0.4	45.0	782	58	-512.5	48.2	514	337
500	487.5	2	211	0.4	32.1	994	32				
500	462.5	3	107	0.4	37.1	1008	37				
500	437.5	4	36	0.4	35.8	565	63				
450	462.5	1	514	0.3	31.7	1077	29	-462.5	37.4	606	76
450	437.5	2	166	0.3	32.3	1043	31				
450	412.5	3	48	0.3	29.8	603	49				
400	412.5	1	280	0.3	35.1	586	60	-412.5	39.7	588	83
400	387.5	2	69	0.3	29.5	434	68				
350	362.5	1	399	0.5	24.0	501	48	-362.5	35.3	460	86

INTERPRETEX RESOURCES LTD.
INDUCED POLARIZATION & RESISTIVITY SURVEY HAIDA PROJECT
POLE-DIPOLE ARRAY (pole southerly, dipole northerly)
ELECTRODE PARAMETERS - a = 50 meters, N = 1, 2, 3, 4, 5, & 6
GRID : VIT 1, TUN 1 & NUF 1 CLAIMS IPFF29W
LINE : 29W
FILE NAME : 29W

								- Fraser Filter -			
P1 loc. (southing)	Plot Pt. (southing)	N	Vp (mV)	I (amps)	Ma (mSec.)	Pa (ohm-m.)	MF	Plot Pt. (southing)	Ma (mSec.)	Pa (ohm-m.)	MF
650	662.5	1	4	0.4	65.4	6	10409	-662.5	58.7	23	4981
650	637.5	2	2	0.4	78.8	9	8361				
650	612.5	3	1	0.4	65.2	9	6918				
650	587.5	4	2	0.4	52.1	31	1658				
650	562.5	5	2	0.4	30.4	47	645				
650	537.5	6	1	0.5	60.0	32	1895				
600	612.5	1	3	0.3	87.2	6	13878	-612.5	60.6	26	4756
600	587.5	2	1	0.3	77.4	6	12319				
600	562.5	3	2	0.3	71.4	25	2841				
600	537.5	4	2	0.3	31.5	42	752				
600	512.5	5	1	0.3	55.3	31	1760				
600	487.5	6	1	0.3	56.8	44	1291				
550	562.5	1	5	0.5	94.7	6	15072	-562.5	61.9	33	3704
550	537.5	2	7	0.5	83.3	26	3157				
550	512.5	3	7	0.5	55.5	53	1052				
550	487.5	4	3	0.4	72.5	47	1538				
550	462.5	5	2	0.3	60.4	63	961				
500	512.5	1	14	0.4	93.0	22	4229	-512.5	62.6	44	1680
500	487.5	2	11	0.3	64.9	69	939				
500	462.5	3	4	0.3	83.3	50	1657				
500	437.5	4	4	0.3	69.0	84	824				
450	462.5	1	246	0.6	83.9	258	326	-462.5	64.4	79	1061
450	437.5	2	52	0.6	96.8	163	593				
450	412.5	3	24	0.7	81.0	129	627				
400	412.5	1	150	0.3	69.6	314	222	-412.5	69.6	109	1056
400	387.5	2	39	0.3	60.5	245	247				
350	362.5	1	282	0.4	35.8	443	81	-362.5	60.6	168	672