PHOENIX GEOPHYSICS LIMITED

REPORT ON THE CONTINUED

INDUCED POLARIZATION AND RESISTIVITY
SURVEYS AND VLF-EM SURVEYS

ON THE

MIN I, MIN 2, S MIN 1, REDLEDGE 1

AND

REDLEDGE 2 CLAIMS(PROJECT EBI)

GOLDEN MINING DISTRICT, BRITISH COLUMBIA

FOR

TRIGG-WOOLLETT CONSULTING LIMITED

N.T.S. 82K/8W

Latitude: 50°20'N Longitude: 116°25'W

BY

PAUL A. CARTWRIGHT, B.Sc.

FRANK DISPIRITO, B.A.Sc., P.Eng.

OCTOBER 30, 1981

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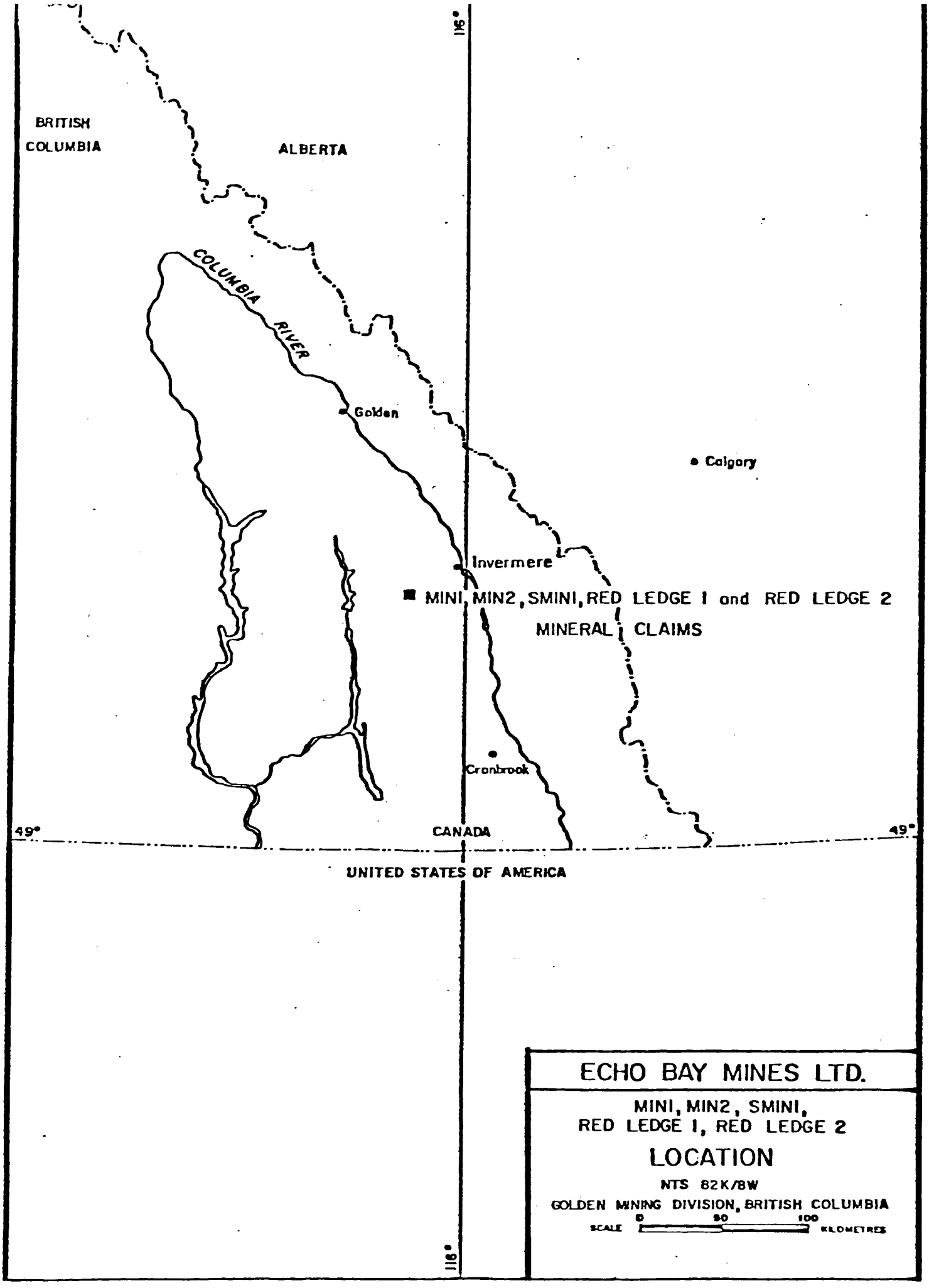
BRITISH COLUMBIA
ALBERTA
116°
COLUMBIA RIVER
Golden
Calgary
Invermere
MINI, MIN2, SMINI, RED LEDGE 1 and RED LEDGE 2
MINERAL CLAIMS
Cranbrook
49°
CANADA
49°
UNITED STATES OF AMERICA
116°
ECHO BAY MINES LTD.
MINI, MIN2, SMINI,
RED LEDGE 1, RED LEDGE 2
LOCATION
NTS 82K/8W
GOLDEN MINING DIVISION, BRITISH COLUMBIA
0 50 100
SCALE
KILOMETRES

Figure 1

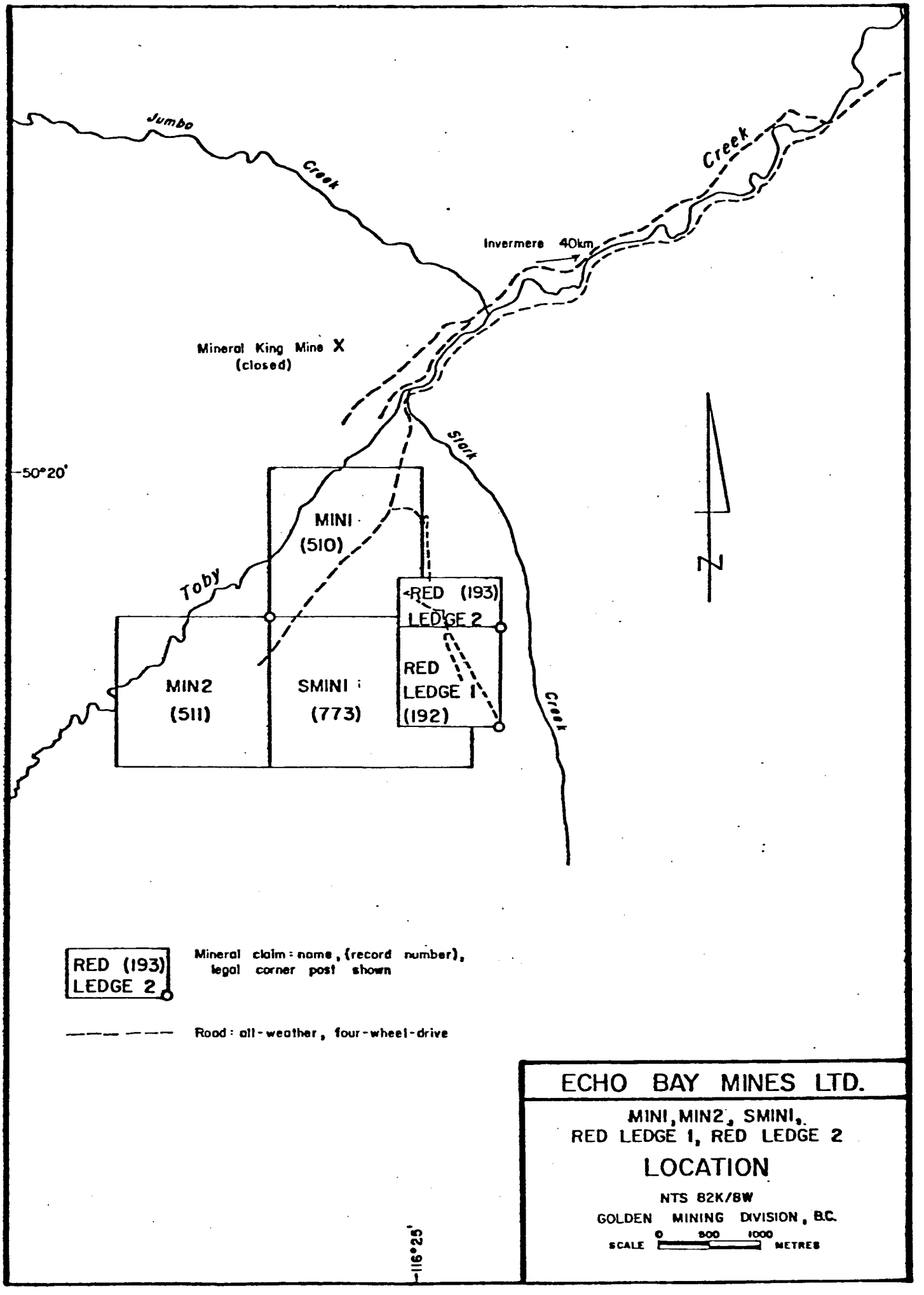
Jumbo Creek
Creek
Invermere 40km
Mineral King Mine X
(closed)
Slark
50°20'
MINI
(510)
Toby
RED (193)
LEDGE 2
RED
LEDGE 1
(192)
MIN2
(511)
SMINI
(773)
Creek
N
RED (193)
LEDGE 2
Mineral claim: name, (record number), legal corner post shown
Road: all-weather, four-wheel-drive
ECHO BAY MINES LTD.
MINI, MIN2, SMINI,
RED LEDGE 1, RED LEDGE 2
LOCATION
NTS 82K/8W
GOLDEN MINING DIVISION, B.C.
0 500 1000
SCALE METRES
116°25'

Figure 2

1. INTRODUCTION

Additional Induced Polarization and Resistivity surveys and VLF-EM Surveys have been carried out on the Min 1, Min 2, S Min 1, Red Ledge 1 and Red Ledge 2 claims, Golden M.D., on behalf of Trigg-Woollett Consulting Ltd., property managers for Echo Bay Mines.

The property is located approximately 40 kilometers southwest of Invermere, B.C., at approximately 50°20' north latitude and 116°25' west longitude. Access is via road from the town of Invermere, British Columbia.

IP and Resistivity Survey

Initial field work was done by Phoenix Geophysics Ltd. in August, October and November of 1980. This work is described in a report by the authors, dated December 5, 1980. Additional lines were surveyed in June and July of 1981 under the direction of Z. Pozniak. Dipole-dipole array with an inter-electrode spacing of 50 meters and/or 25 meters was utilized.

Four dipole separations were recorded using a Phoenix Model IPT-1 IP and Resistivity transmitter equipment with a Phoenix TXD-2 transmitter driver, and Phoenix IPV-2 high sensitivity Phase IP and Resisitvity receiver. The IPV-2 receiver measures the amplitude in millivolts and phase angle in milliradians of the received signal relative to the transmitted signal, on two channels simultaneously. The measurements were taken at an operating frequency of 1.0 hertz. Apparent resistivity measurements are normalized in units of ohm-meters,

while metal factor values are calculated according to the formula: MF= (Phase Angle x 100)/Apparent Resistivity.

VLF-EM Survey

The initial VLF data were collected by Trigg-Woollett personnel in 1980. Several lines of VLF data were collected by Phoenix Geophysics later in 1980. Trigg-Woollett personnel collected all of the 1981 VLF-EM data.

The VLF measurements were taken at 25 meter stations using a Phoenix VLF-2 receiver. The VLF transmitting stations utilized were Cutler, Maine and Seattle, Washington.

The Min 1, S. Min 1 and Min 2 claims were staked to cover stream geochemical anomalies. Red Ledge 1 and Red Ledge 2 claims are both associated with a gossan. The present geophysical surveys are a continuation of previous work planned in order to evaluate the presence and extent of metallic sulphide mineralization, associated with the gossans and geochemical anomalies. In addition, the VLF-EM is used as an aid to map geologic structure.

The rocks in the area include quartzite, dolomite and pyritiferous argillite. The ore at the nearby Mineral King Mine was found primarily within the dolomite section. Assuming the geology in the surveyed areas is similar to the Mineral King deposit, anomalies associated with the dolomite would be primary targets.

2. PRESENTATION OF RESULTS

The 1981 Induced Polarization and Resistivity results are shown on the following data plots.

Min 1 Grid

LINE	ELECTRODE INTERVAL	DWG. NO.
28S	25 meters	IP-5811-7
29S	25 meters	IP-5811-8
30S	25 meters	IP-5811-9

Min 2 Grid

30S	50 meters	IP-5811-1
35S	50 meters	IP-5811-2
40S	50 meters	IP-5811-3
41S	50 meters	IP-5811-4
42S	50 meters	IP-5811-5
43S	50 meters	IP-5811-6

Red Ledge 1 & 2 Grids

33S	50 meters	IP-5811-10
34S	50 meters	IP-5811-11
35S	25 meters	IP-5811-12
35+50S	25 meters	IP-5811-13
36S	25 meters	IP-5811-14
36+50S	25 meters	IP-5811-15
37S	25 meters	IP-5811-16
37+50S	25 meters	IP-5811-17
38S	25 meters	IP-5811-18
38+50S	50 meters	IP-5811-19
38+50S	25 meters	IP-5811-20
39S	25 meters	IP-5811-21
39+50S	25 meters	IP-5811-22
40S	25 meters	IP-5811-23
40+50S	25 meters	IP-5811-24
41S	50 meters	IP-5811-25
41S	25 meters	IP-5811-26
42S	50 meters	IP-5811-27
43S	50 meters	IP-5811-28
44S	50 meters	IP-5811-29

Also enclosed with this report is Dwg. I.P.P.-B-4011, a plan map of the Min 1 and Min 2 and Red Ledge 1 and 2 grids

at a scale of 1:5,000. The definite, probable and possible Induced Polarization anomalies are indicated by bars, in the manner shown on the legend, on this plan map as well as on the data plots. These bars represent the surface projection of the anomalous zones interpreted from the location of the transmitter and receiver electrodes when the anomalous values were measured. The centres of anomalous resistivity zones not associated with anomalous polarizability, have also been marked on Dwg. I.P.P.-B-4011 by triangles.

The grid information shown on Dwg. I.P.P.-B-4011 has been supplied by the staff of Trigg-Woollett Consulting Ltd.

The 1981 VLF-EM results are shown on the following data plots. These VLF-EM data were not collected by employees of Phoenix Geophysics Ltd.

Min 1 Grid (transmitter at Cutler, Maine)

Line	Dwg. No.	
32S	OEB1-EM	5229-6
33S	OEB1-EM	5229-7
34S	OEB1-EM	5229-8

Min 1 Grid (transmitter at Seattle, Washington)

32S	OEB1-EM	5229-9
33S	OEB1-EM	5229-10
34S	OEB1-EM	5229-11

Min 2 Grid (transmitter at Cutler, Maine)

34S	OEB1-EM	5230-5
35S (part 1)	OEB1-EM	5230-6
35S (part 2)	OEB1-EM	5230-7

Min 2 Grid (transmitter at Seattle, Washington)

Line	Dwg. No.
34S	OEB1-EM 5230-8
35S (part 1)	OEB1-EM 5230-9
35S (part 2)	OEB1-EM 5230-10

On the plan map, Dwg. I.P.P.-B-4011 the definite, probable and possible VLF-EM anomalies are indicated by circles, in the manner shown on the legend on this map, as well as on the data plots.

3. DISCUSSION OF RESULTS

The 1981 IP and Resistivity survey data,and the 1981 VLF-EM survey data have been evaluated, along with the previous year's work, and the latest interpretation shown on Dwg. I.P.P.-B-4011. A number of new zones of anomalous IP effects are outlined in some instances, altering the position of previously indicated trends.

All of the zones marked on Dwg. I.P.P.-B-4011 are discussed separately in the following paragraphs.

Zone A1:

This feature is now interpreted to extend north beyond Line 30S and south beyond Line 35S, as a strongly anomalous zone. Depth to the top of the source is indicated to be less than 50 meters throughout.

VLF-EM coverage was completed over Line 34S and Line 35S during this year's survey and high magnitude VLF-EM anomalies are recorded coincident with the center of the IP response on these two lines.

Zone A2

IP and Resistivity measurements recorded on Line 30S further evaluated the source of VLF-EM Zone A2. It would appear that the source of the VLF anomaly is a region of lower resistivity, unaccompanied by anomalous polarizability values. A conductive fault structure could cause this type of geophysical signature.

Zone A3

This zone is marked by an area of slightly lower than background apparent resistivity values, located along the eastern edge of the polarizable mass first identified as IP and VLF-EM Zone A1. The trend cannot be seen further north than Line 34S, but is open to the south of Line 30S. Width of the source is interpreted to be generally less than one dipole length (50 meters), while the depth is certainly less than one dipole length as well.

Zone B

The present survey coverage indicates both northern and southern extensions of Zone B, which was initially outlined by the 1980 IP and Resistivity survey. The anomaly noted on Line 35S appears to be coincident with moderately anomalous VLF-EM responses.

Zone B1

Data recorded on Line 30S indicates the source of IP Zone B1 most clearly. Very anomalous polarizability measurements are noted in the vicinity of Station 3975W, correlating with lower than background apparent resistivity

values. The zone can also be seen as a separate entity on Line 31S. It then appears to merge into Zone B. Width of the source and depth to the top are both indicated to be less than one dipole length (50 meters).

Zone B2, B3, B4

Three separate anomalous IP zones are interpreted, lying parallel to one another and striking roughly north-south across a small four line grid located to the south of the Min 2 grid area. All three trends are open at both ends, with the exception of IP zone B3. In this case, the source of the response appears to be undefined only towards the north.

Basically, Zone B2, B3 and B4 are formed by regions of lower than background resisitivity set within a much wider area of anomalous polarizability. Depth to the top of the sources is less than one dipole length (50 meters).

Zone C

The status of Zone C is unchanged as the 1981 coverage did not investigate this area.

Zone D

No data was acquired over this zone during 1981.

Zone E

Line 33S and Line 34S confirm a southern extension of this zone, although the western margin of this extension is not defined. The coverage that is available indicates the source of the response to be moderately polarizable and to be buried less than one dipole length sub-surface.

Zone R1

Detailed IP and Resistivity survey using 25 meter dipole lengths has been completed over Zone R1 on Line 28S, Line 29S and Line 30S. Well defined areas of considerably lower than background apparent resistivity values are indicated by the data from the two most northerly lines, while slightly anomalous polarizability readings are evident coincident with the previously interpreted center of the zone on Line 28S and Line 30S.

This trend could be caused by a fault structure or other zone of weakness, which is accompanied by very minor amounts of metallic sulphides.

Depth to the top of the most conductive part of the source is probably 25 meters to 50 meters sub-surface.

Zone R2

This zone is now interpreted to extend from the vicinity of Line 28S to the area of Line 44S, as a continuous zone of lower than normal apparent resistivity values, striking just east of, and parallel to the 20W Baseline. Generally, the trend is not associated with any metallic mineralization as indicated by anomalous polarizability readings, and the depth to the top is quite shallow, being less than 25 meters in most cases.

Weakly anomalous VLF-EM conductors are detected correlating with the resistivity lows recorded on Line 33S and Line 34S.

Zone F

A highly resistive, but slightly polarizable rock type appears to 'cap' the source of Zone F down to a depth of approxiamtely 75 meters. Below this point, the mineralization is indicated to become somewhat more concentrated and better connected, with the most encouraging response being present in the data recorded on Line 29S.

It is the authors' understanding that the zone may already have been drilled.

Zone F1

Marginally anomalous polarizability values comprise this zone, together with somewhat lower than background apparent resistivity values. The source appears to be in the order of 25 meters to 50 meters wide, with possibly limited depth extent.

Small amounts of metallic mineralization associated with a fault structure could be the cause of IP Zone F1.

Zone F2

This feature is interpreted to extend between Line 42S and Line 46S. Zone F2 is marked primarily by lower than normal apparent resistivity values, although anomalous polarizability measurements are present in every case except Line 45S.

A relatively shallow source buried less than 50 meters sub-surface is evident in most instances. The source outlined by the data from Line 44S may be somewhat deeper.

Zone G

Only the eastern margin of the zone is detected, by the IP and Resistivity results, lying along the extreme western ends of Line 42S, Line 43S and Line 44S. There is a possibility that this trend represents the southern extension of IP Zone E, discussed previously.

Little can be said regarding the parameters of the source of Zone G because of the limited survey coverage over the zone.

Zone H, H1, H2, H3, H4, H5, H6

The 25 meter detail IP and Resistivity surveying carried out during the 1981 program, between Line 35S and Line 41S at 50 meter line spacing, prompted a complete re-interpretation of the data recorded over the southern half of the main grid area. This new approach has identified a number of long, parallel zones of higher conductivity, lying within a strongly polarizable band of rock at least 300 meters wide. In virtually every case, the depths to the top of the sources are indicated to be less than one dipole length. All of these zones can be described as definitely anomalous features.

The almost unlimited strike length displayed by some of the trends suggests that pyrite within sediments is the source of the I.P. response.

4. SUMMARY AND RECOMMENDATIONS

Additional Induced Polarization and Resistivity surveys have been completed on the Min 1, Min 2, S Min 1, Red Ledge 1, and Red Ledge 2 claims, as part of a program commenced during 1980.

Few additional VLF-EM anomalies are detected by the present work. Undoubtedly, the poor orientation of the available transmitters with respect to the local strike is a major factor that limits the sensitivity of the method.

It is known that black argillite carrying extensive pyrite mineralization underlie much of the grid areas, and that these units give rise to IP and Resistivity anomalies of varying degrees of intensity.

Therefore, geological control becomes extremely important to establish which anomalous IP and Resistivity zones are of possible significance. Areas of anomalous IP effect which correlate with argillite should obviously receive lowest priority for drilling, while IP anomalies marked in areas of more favorable rocks should receive higher priority for further work. Generally, it is recommended that detail IP and Resistivity coverage be completed before drill locations are decided upon.

In areas where geological control is limited, it may be possible to establish drilling priorities by evaluating individual anomalies using Spectral IP techniques. This method involves the use of multiple frequencies to determine

the IP response over a wide frequency range. The resulting curve can then be used to outline metallic minerals of different grain sizes.

Ideally, a test line would first be run over known mineralization (i.e., Mineral King) to determine if a difference in Spectral IP response can be discerned over the interesting mineralization as opposed to the argillite hosted pyrite.

PHOENIX GEOPHYSICS LIMITED

Paul A. Cartwright

Paul A.Cartwright, B.Sc.
Geophysicist.

Frank DiSpirito

Frank DiSpirito, B.A.Sc., P.Eng.
Geophysicist.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

Dated: October 30, 1981

ASSESSMENT DETAILS

PROPERTY: Min 1, Min 2, S Min 1, Red Ledge 1, Red Ledge 2 Claims

MINING DIVISION: Golden

PROVINCE: British Columbia

SPONSOR: Trigg-Woollett Consulting Ltd.

LOCATION: Toby Creek Area

TYPE OF SURVEY: Induced Polarization & Resistivity

OPERATING MAN DAYS: 33

DATE STARTED: 23 June 1981

EQUIVALENT 8 HR. MAN DAYS: 49.5

DATE FINISHED: 20 July 1981

CONSULTING MAN DAYS: 7.0

NUMBER OF STATIONS: 491

DRAFTING MAN DAYS: 7.0

NUMBER OF READINGS: 3864

TOTAL MAN DAYS: 63.5

KM OF LINE SURVEYED: 15.89

CONSULTANTS:

P.A. Cartwright, 4238 W. 11th Avenue, Vancouver, B.C.
F. DiSpirito, 2748 Oxford Street, Vancouver, B.C.

FIELD TECHNICIANS:

Z. Pozniak, 90 Humberview Road, Toronto, Ontario.
K. Corman, 10891 Bromley Place, Richmond, B.C.

DRAUGHTSMEN:

R. Wakaluk, 7886 Vivian Drive, Vancouver, B.C.

PHOENIX GEOPHYSICS LIMITED

F. DiSpirito, B.A.Sc., P.Eng.,
Geophysicist.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

DATED: 30 October 1981

STATEMENT OF COST

TRIGG-WOOLLETT CONSULTING LTD.
INDUCED POLARIZATION AND RESISTIVITY SURVEY
MIN 1, MIN 2, S MIN 1, RED LEDGE 1, and RED LEDGE 2 CLAIMS
GOLDEN MINING DIVISION, BRITISH COLUMBIA

PERIOD: 23 June 1981 - 20 July 1981

CREW: Z. Pozniak - K. Corman

16½ Operating Crew Days (2-man crew) @ $690/day	$ 11,220.00
4 Bad Weather Days @ $335.00/day	1,340.00
2 Organization Days @ $335.00/day	670.00
1 Standby Day @ $335.00/day	335.00
1 Travel Day @ $335.00/day	335.00
Mobilization- Demobilization (Expenses + 15%)	928.64
P.A. Cartwright, Consulting 1 day @ $175.00/day	175.00
P.A. Cartwright, Expenses	212.35
	$ 15,215.99

PHOENIX GEOPHYSICS LIMITED

F. Di Spirito P.Eng.

F. DiSpirito, B.A.Sc., P.Eng.,
Geophysicist.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. DISPIRITO

DATED: 30 October 1981

I, Paul A. Cartwright, of the City of Vancouver, Province of British Columbia, do hereby certify that:

1. I am a geophysicist residing at 4238 West 11th Avenue, Vancouver, B.C.

2. I am a graduate of the University of British Columbia, Vancouver, B.C , with a B.Sc. Degree.

3. I am a member of the Society of Exploration Geophysicists and the European Association of Exploration Geophysicists.

4. I have been practising my profession for 11 years.

5. I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Trigg, Woollett Consulting Limited or any affiliate.

6. The statements made in this report are based on a study of published geological literature and unpublished private reports.

7. Permission is granted to use in whole or in part for assessment and qualifications requirements but not for advertising purposes.

Paul A. Cartwright

Paul A. Cartwright, B.Sc.

DATED AT VANCOUVER, B.C.
this 30th day of October 1981.

I, Frank DiSpirito, of the City of Vancouver, Province of British Columbia, do hereby certify that:

1. I am a geophysicist residing at 2748 Oxford Street, Vancouver, B.C.

2. I am a graduate of the University of British Columbia, Vancouver, B.C., with a B.A.Sc., Degree in Geological Engineering.

3. I am a Professional Engineer, registered in the Province of British Columbia.

4. I have been practising my profession for 7 years.

5. I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly, in the property or securities of Trigg, Woollett Consulting Ltd., or any affiliate.

6. The statements made in this report are based on a study of published geological literature and unpublished private reports.

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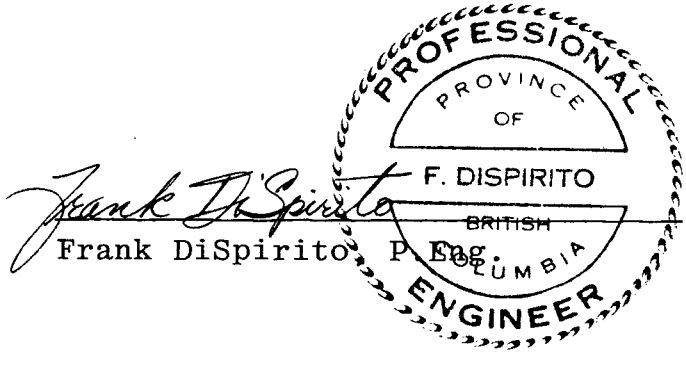


Frank DiSpirito, P. Eng.

DATED AT VANCOUVER, B.C.
this 30th day of October 1981.

I, Zenon Pozniak, of the City of Toronto, Province of Ontario, do hereby certify that:

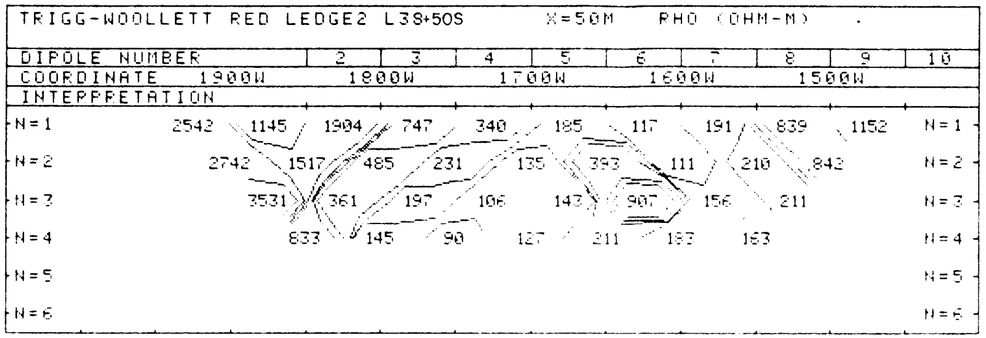
1. I am a geophysical crew leader residing at 90 Humberview Road, Toronto, Ontario.

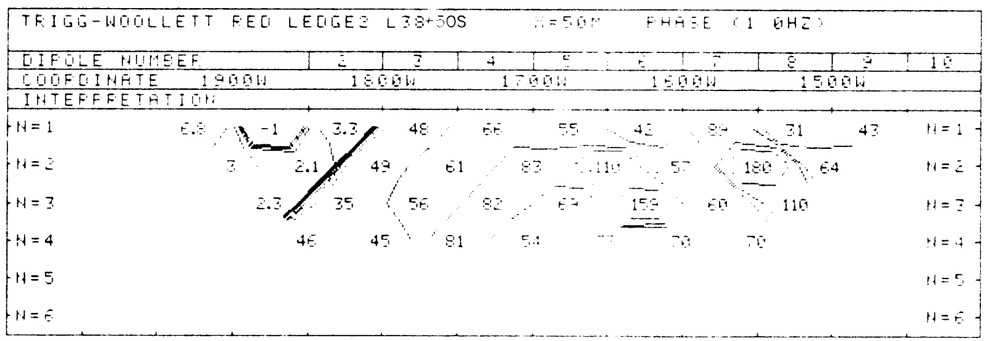
2. I have been practising my vocation about three years.

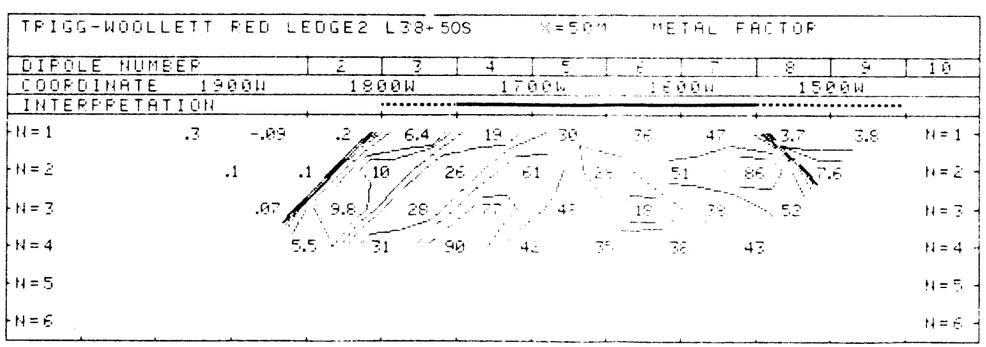
3. I am presently employed as a geophysical crew leader by Phoenix Geophysics Ltd. of 200 Yorkland Blvd., Willowdale, Ontario.

Zenon Pozniak.

DATED AT VANCOUVER, B.C.
this 30th day of October 1981.







DWG NO -I P-58

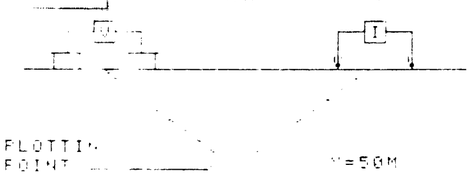
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

LODEN M D BRITISH COLUMBIA

LINE NO -38+50S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE .....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

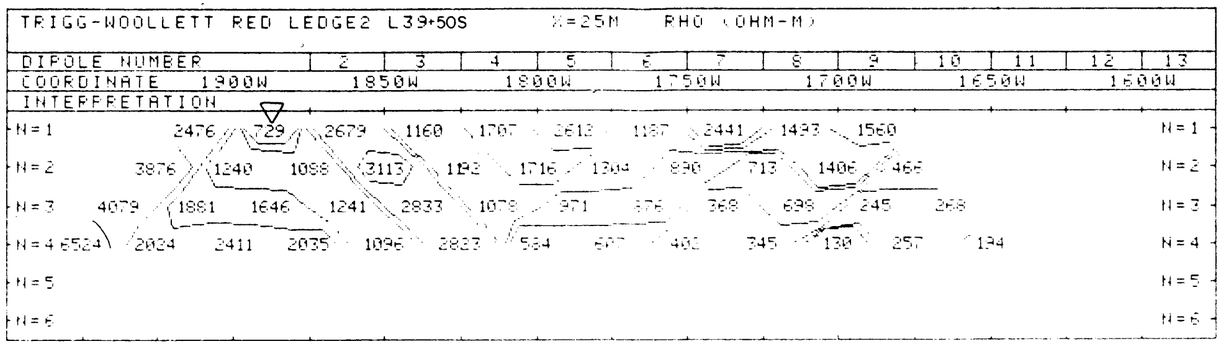
PAc

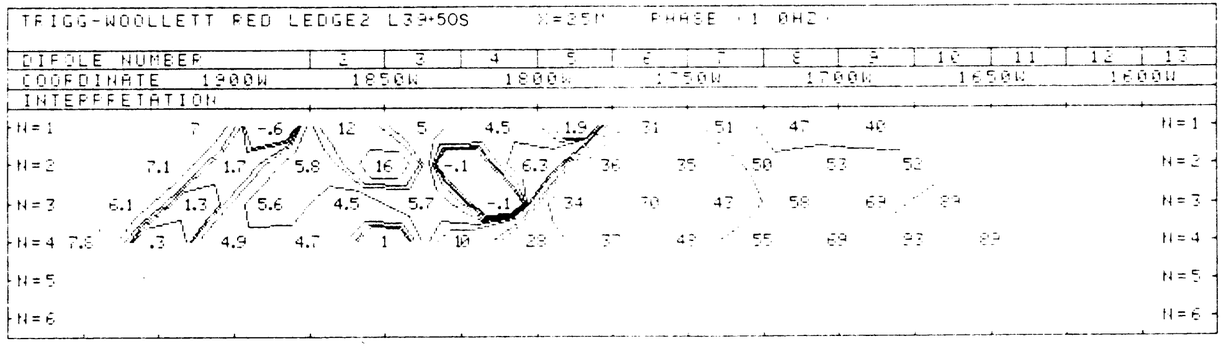
DATE Oct 29/81

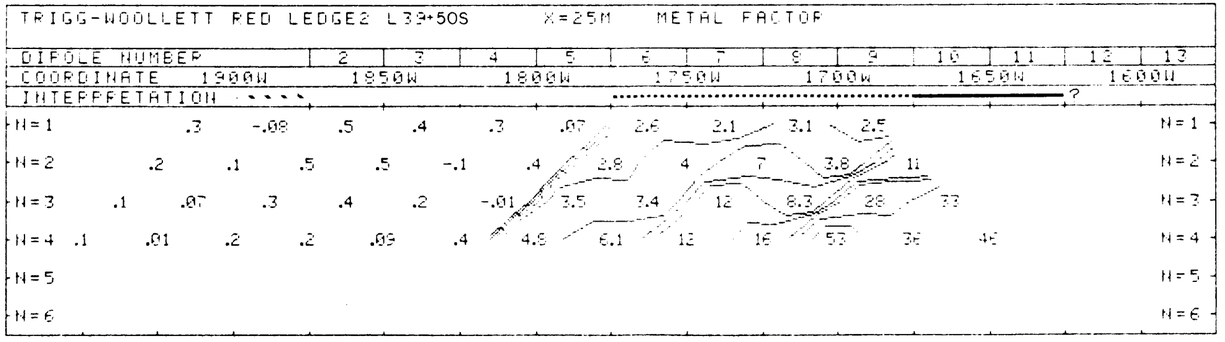
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







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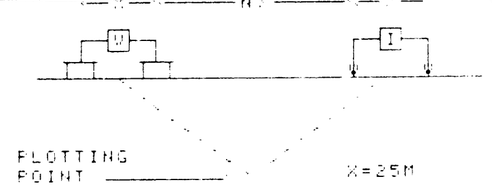
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -79+50S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7 5,-10

DATE SURVEYED JUNE 1981

APPROVED

Pac

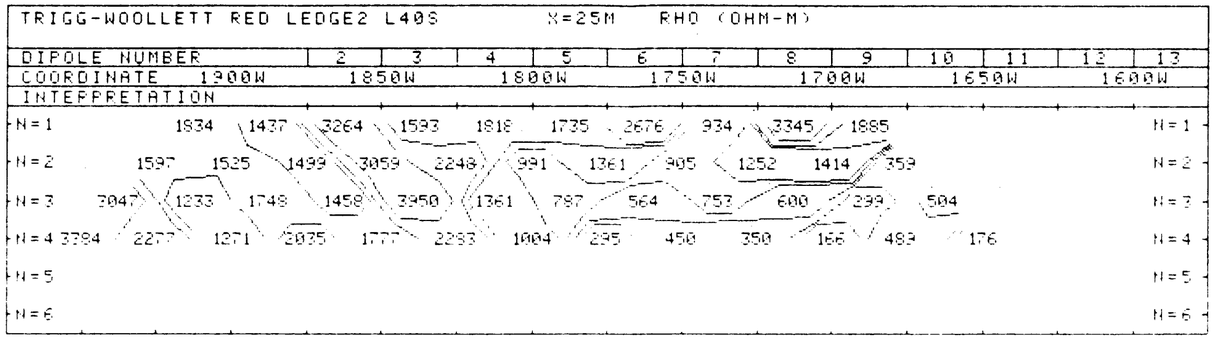
DATE Oct 28/81

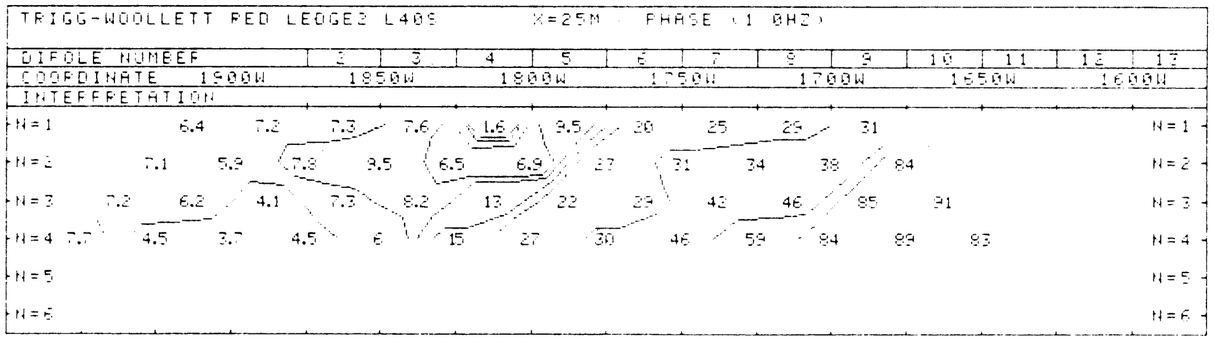
PHOENIX GEOPHYSICS LTD.

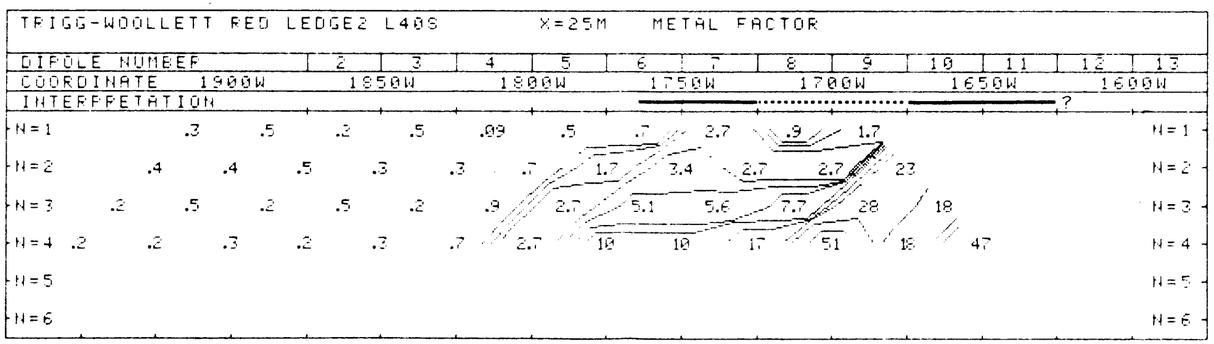
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO.-I P-5811-23







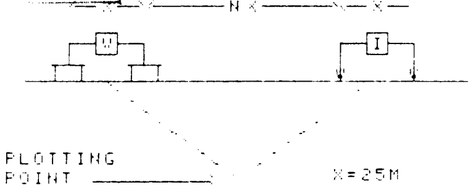
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID:PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -40S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7 5.-10

DATE SURVEYED: JULY 1981

APPROVED

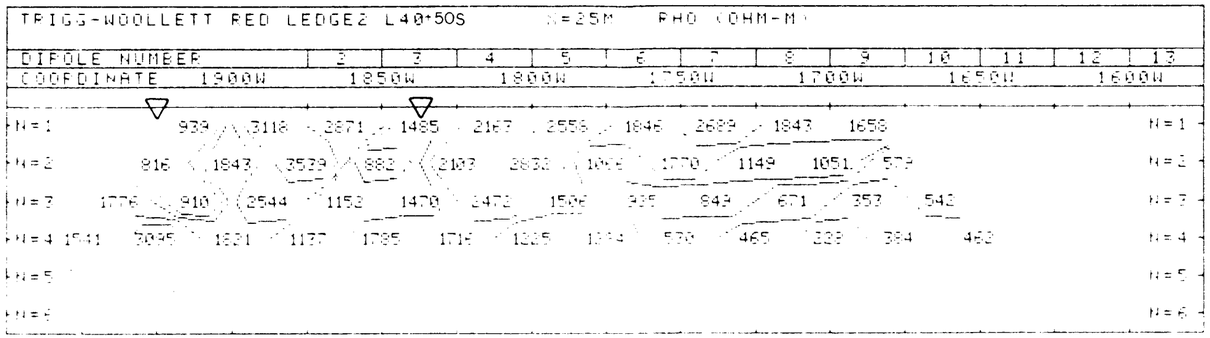
Pac

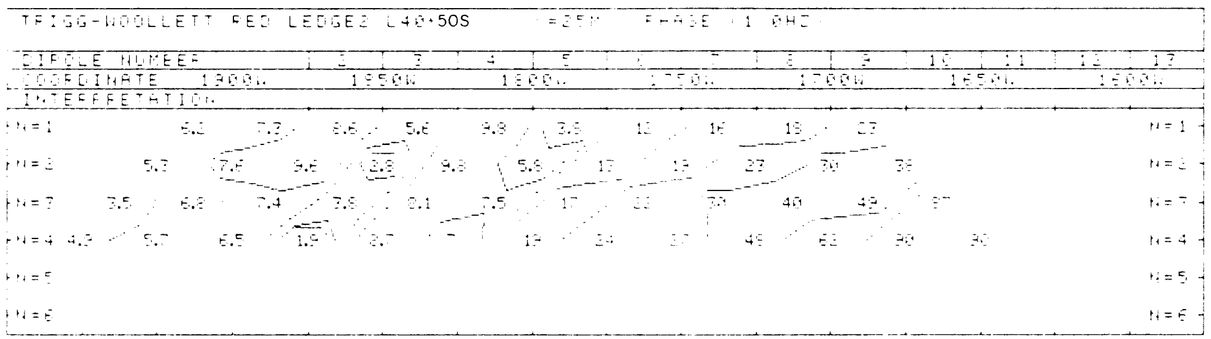
DATE Oct 28/81

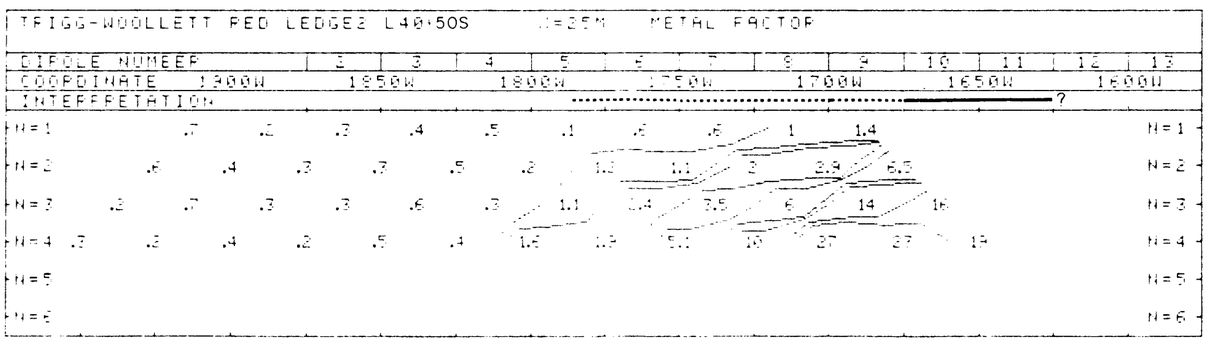
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-24

TRIGG-WOOLLETT CON.LTD.

RED LEDGE-3 GRID-PROJECT EEI

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -40+50S

9829 part 2 of 2

PLOTTING POINT

1=25M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3 -5 -7.5 -10

DATE SURVEYED JULY 1991

APPROVED

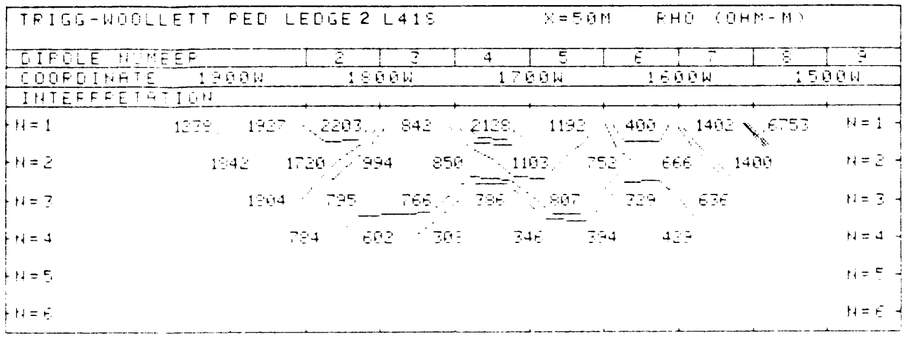
Pac

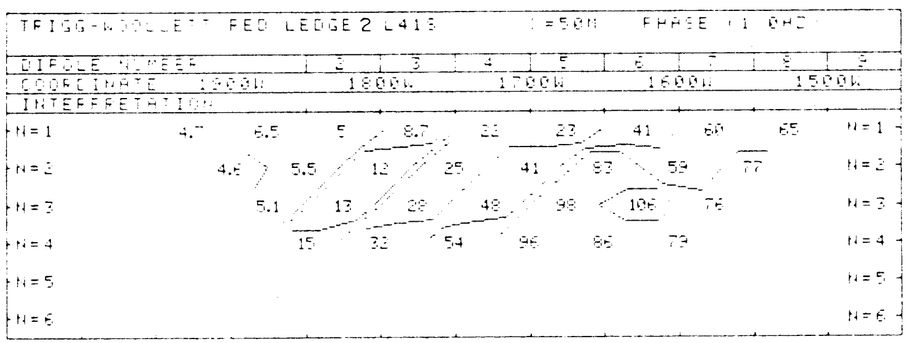
DATE Oct 28/81

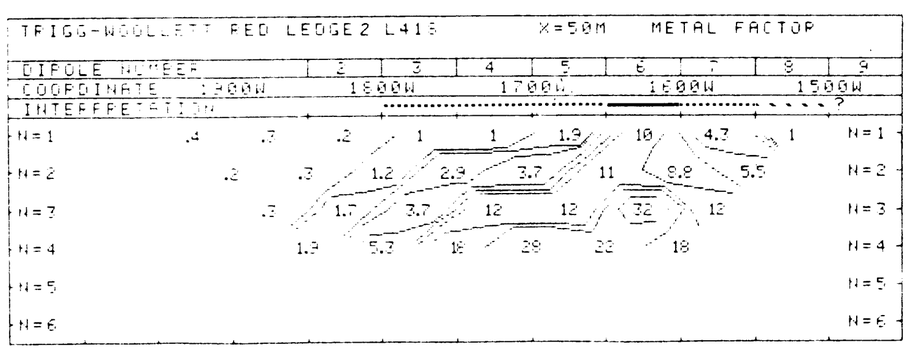
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-3S

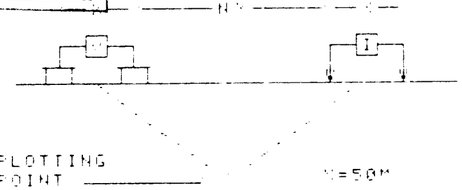
TRIGG-WOOLLETT CON.LTD.

PED LEDGE-2 GRID-PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -41S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1 5 -2,-3,-5,-7 5,-10

DATE SURVEYED JULY 1981

APPROVED

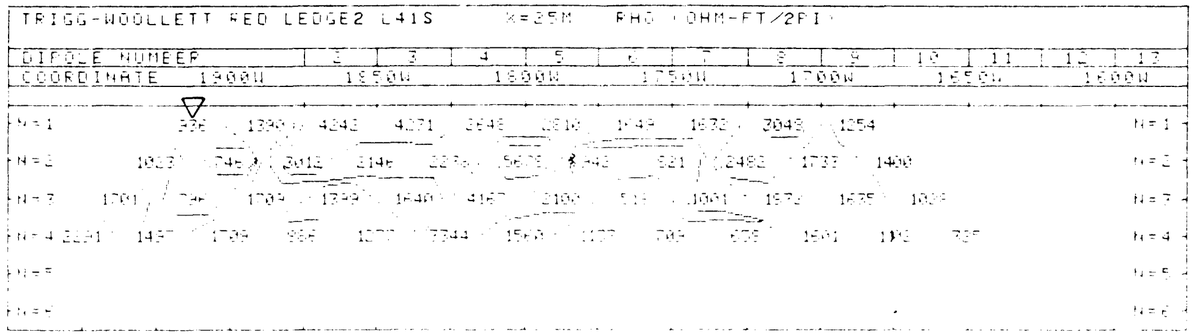
PAC

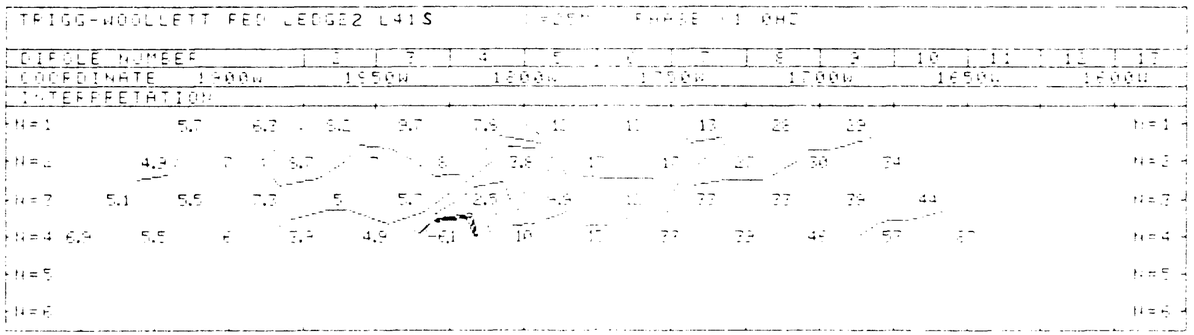
DATE Oct 28/81

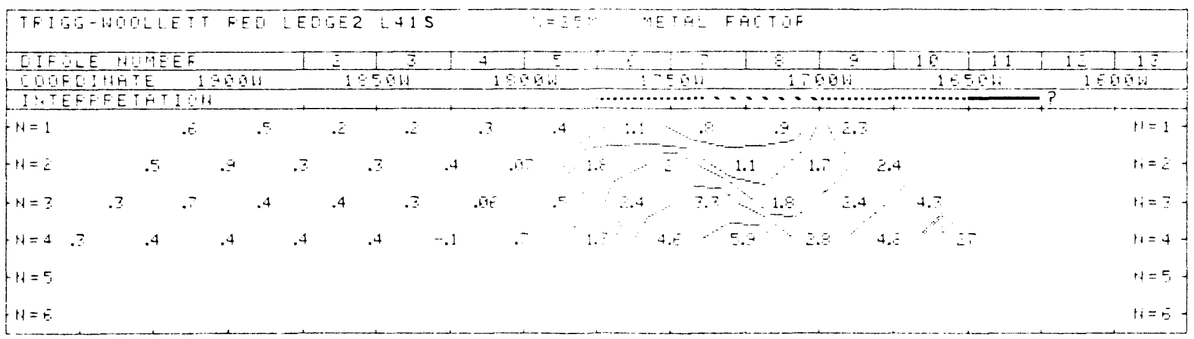
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







TRIGG-WOODLETT CON. LTD.

RED LEDGE-2 GRID PROJECT 1981

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -L41S

9829 part 2 of 2

N

PLOTTING POINT

X=25M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE .....
POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1.0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1.5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

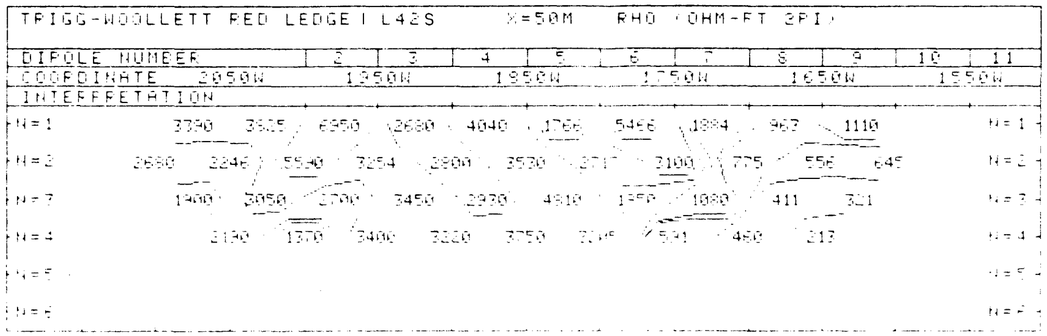
PAC

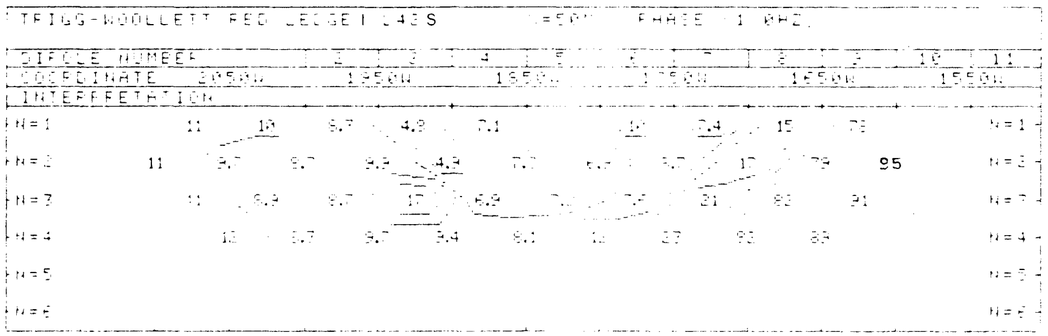
DATE Oct 28/81

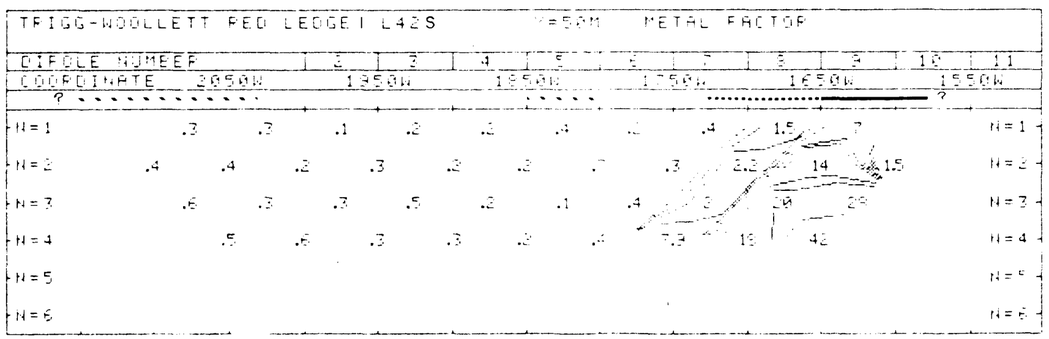
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-27

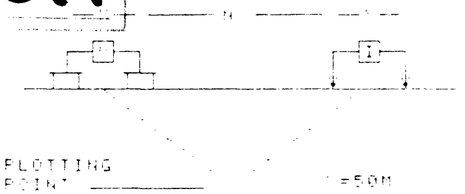
TRIGG-WOOLLETT CON. LTD.

RED LEDGE-I GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -42S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE .....
POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1 5 -2,-3,-5,-7 5,-10

DATE SURVEYED JUNE 1981

APPROVED

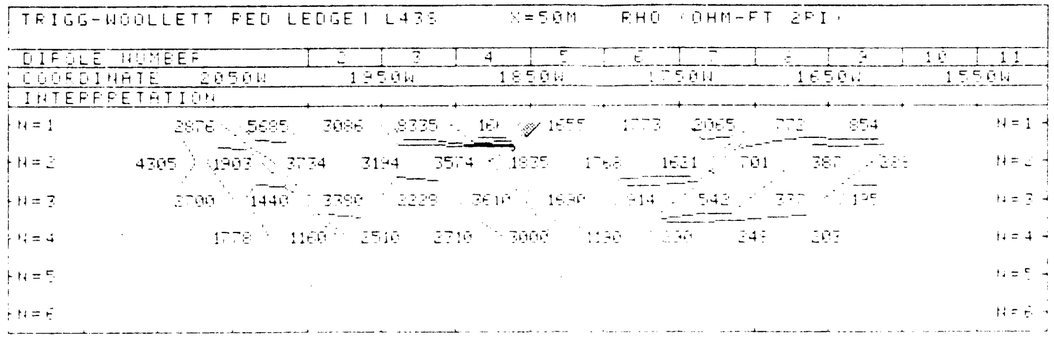
PAC

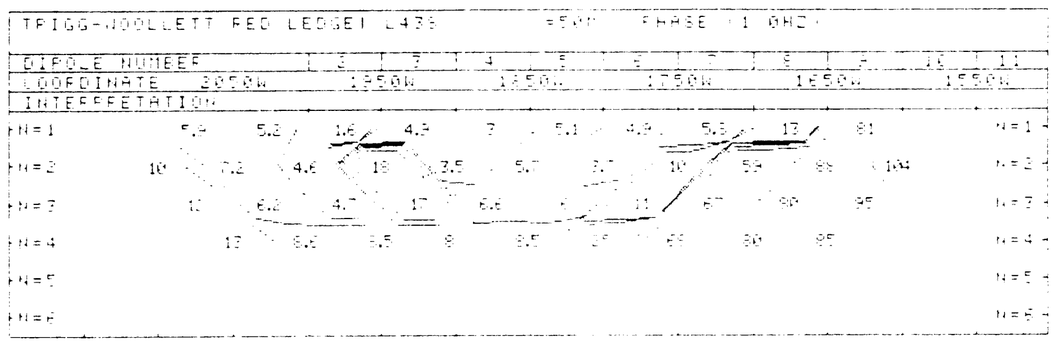
DATE Oct 28/81

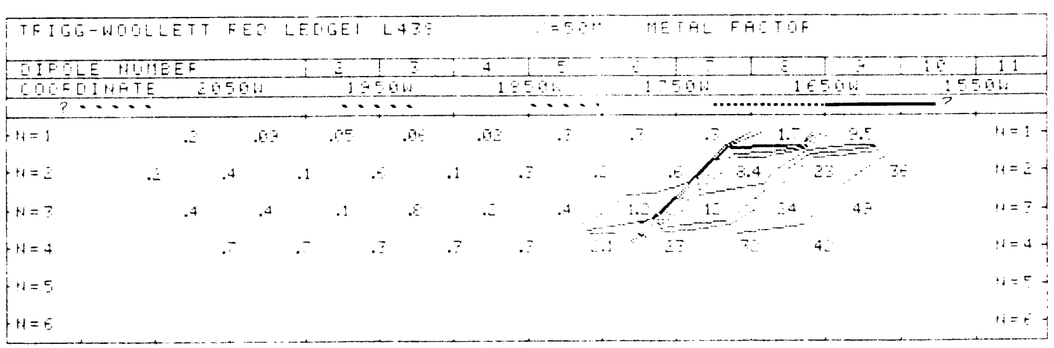
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5911-3

TRIGG-WOOLLETT CON. LTD.

RED LEDGE-I GRID-PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -L43S

9829 part 2 of 2

N

PLOTTING POINT

N=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
1 2

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1.5 2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

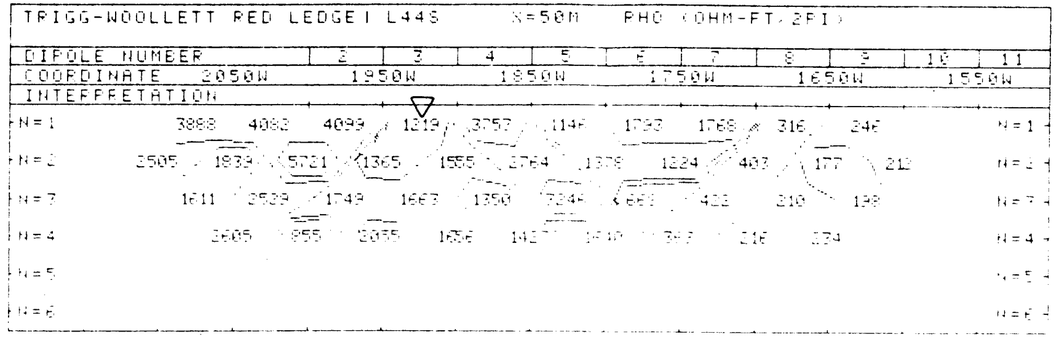
PAC

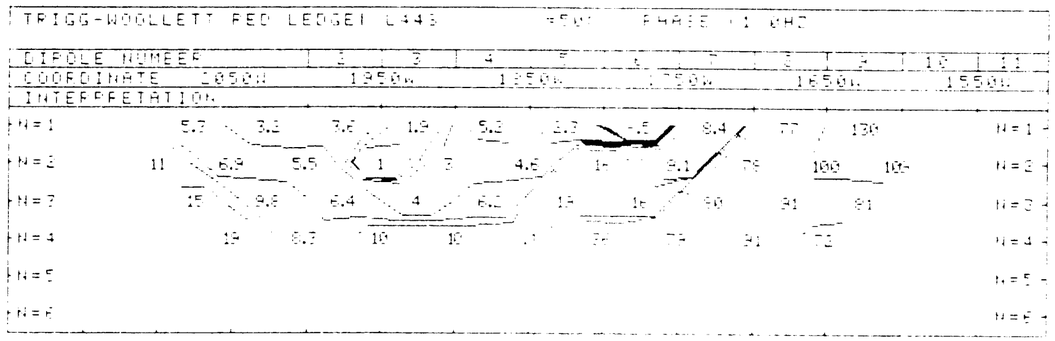
DATE Oct 28/81

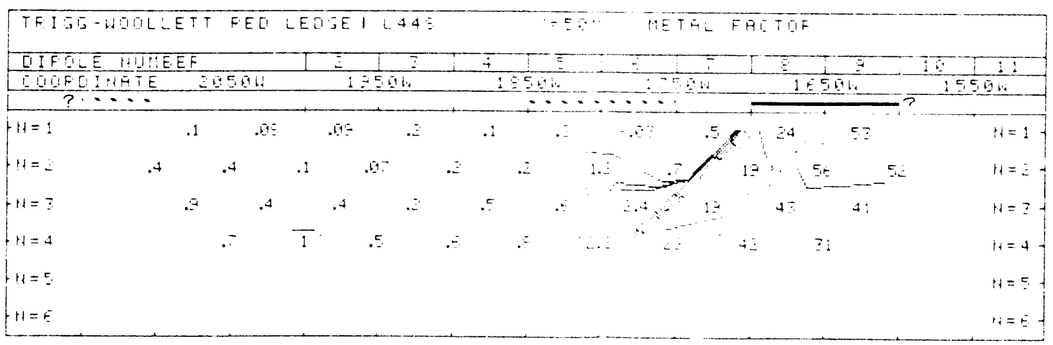
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-3P

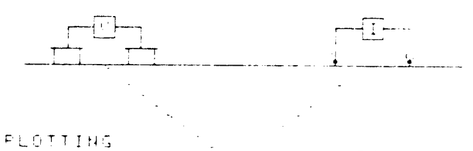
TRIGG-WOOLLETT CON. LTD.

RED LEDGE-I GRID,PROJECT EE)

GOLDEN M D BRITISH COLUMBIA

9829 part 2 of 2

LINE NO -443



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ··········
POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1 5 -3,-3,-5,-7 5,-10

DATE SURVEYED JUNE 19[illegible]

APPROVED

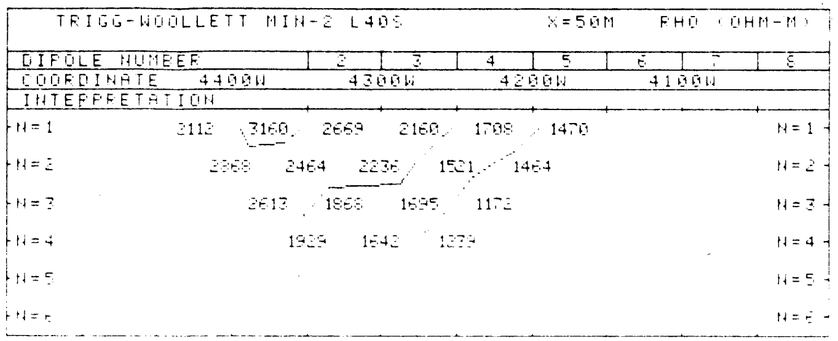
PAC

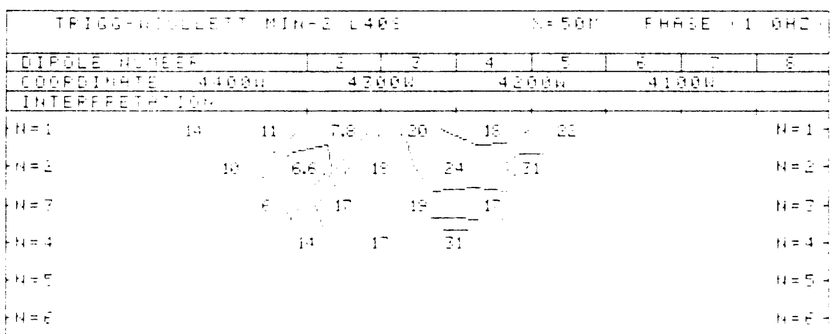
DATE Oct 28/81

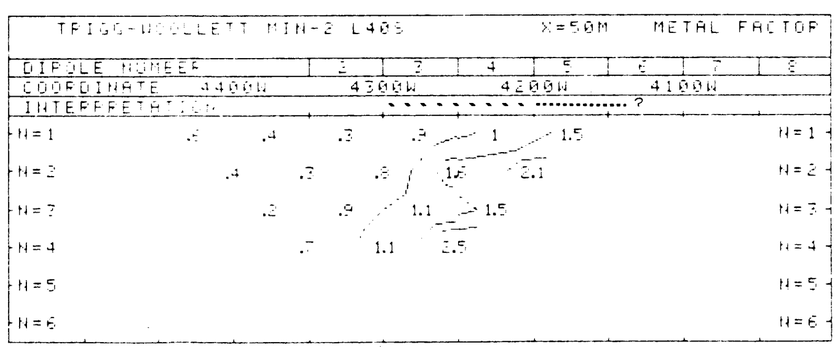
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-7

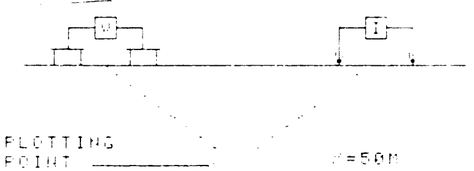
TRIGG-WOOLLETT CON.LTD.

MIN-2 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -40S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7.5.-10

DATE SURVEYED JULY 1981

APPROVED

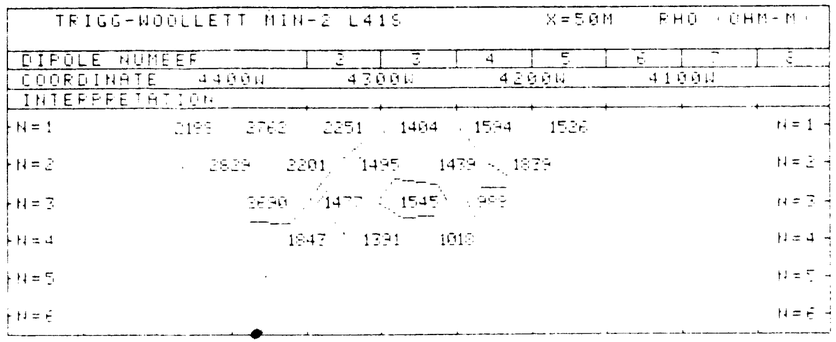
PAC

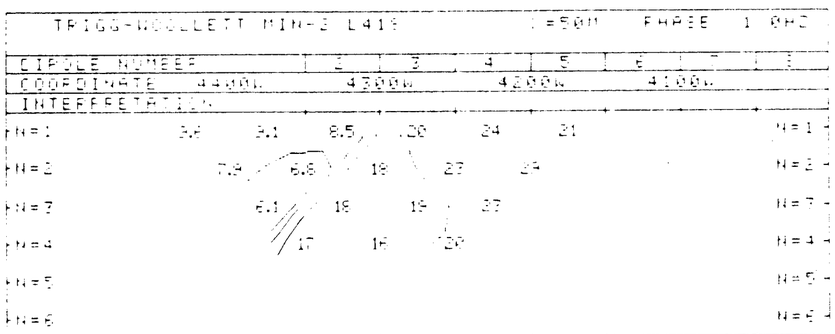
DATE Oct 28/81

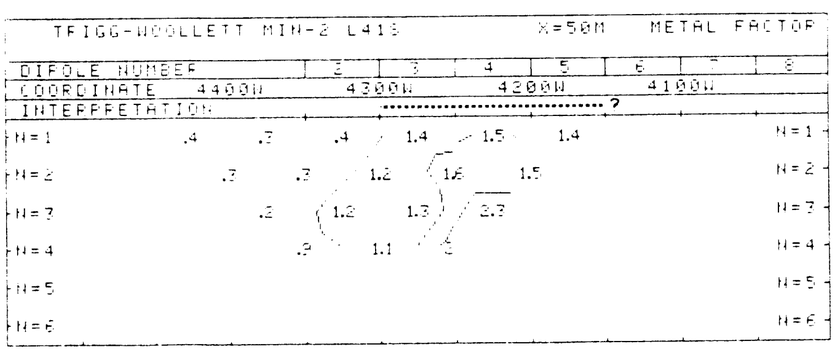
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-4

TRIGG-WOOLLETT CON.LTD.

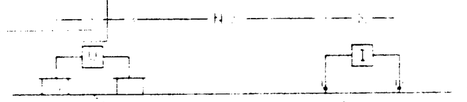
MIN-2 GRID PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -41S

9829 part 2 of 2

NO.



PLOTTING POINT

1=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1,5 -2,-3,-5,-7,5,-10

DATE SURVEYED JULY 1981

APPROVED

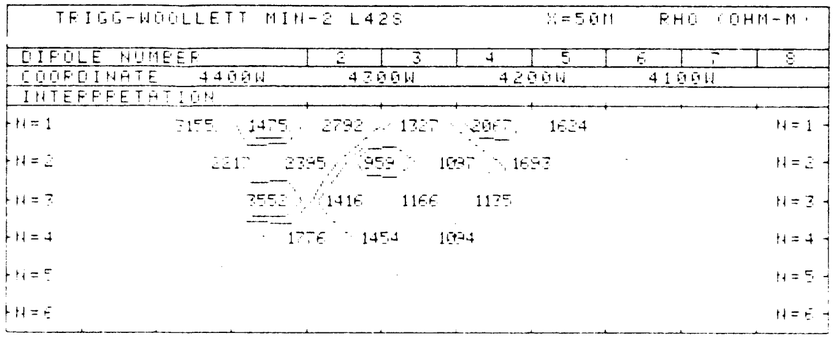
PAC

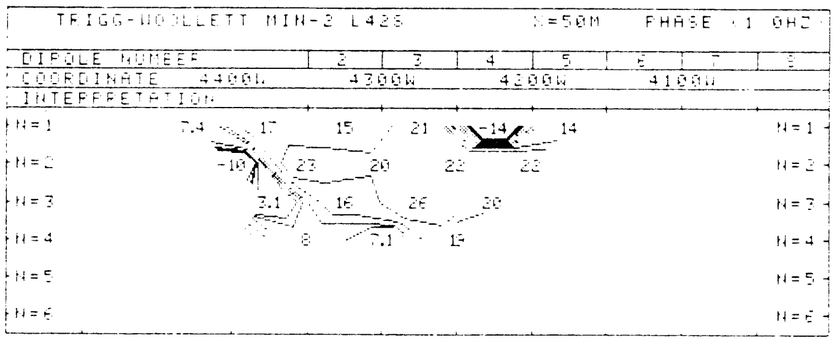
DATE Oct 28/81

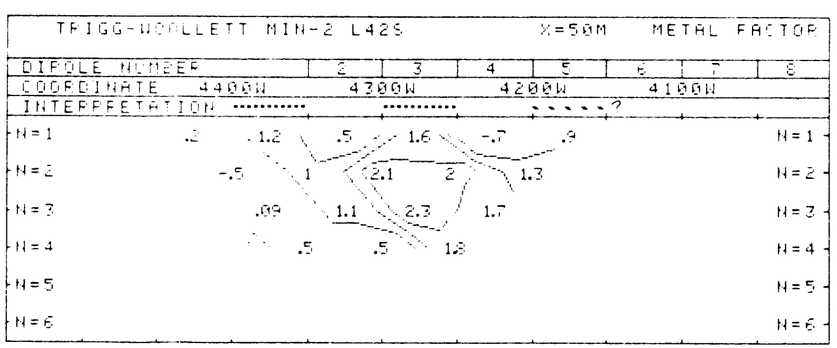
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY





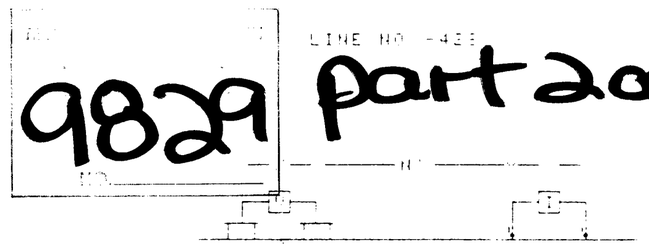


DWG NO -I P-5811-5

TRIGG-WOOLLETT CON.LTD.

MIN-3 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA



9829 part 2 of 2

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1 5 -2,-3,-5,-7 5,-10

DATE SURVEYED JULY 1981

APPROVED

Pac

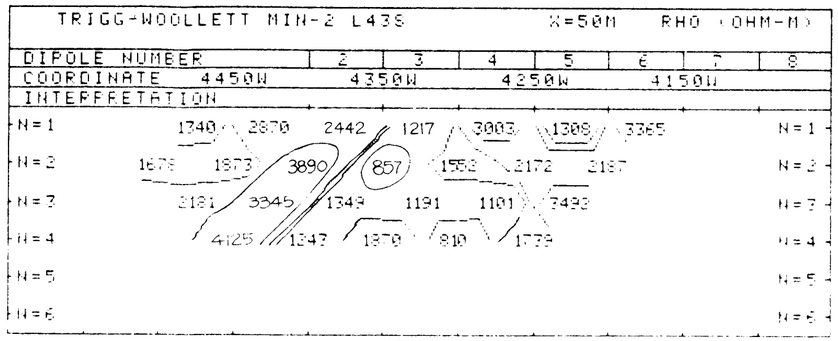
DATE Oct 28/81

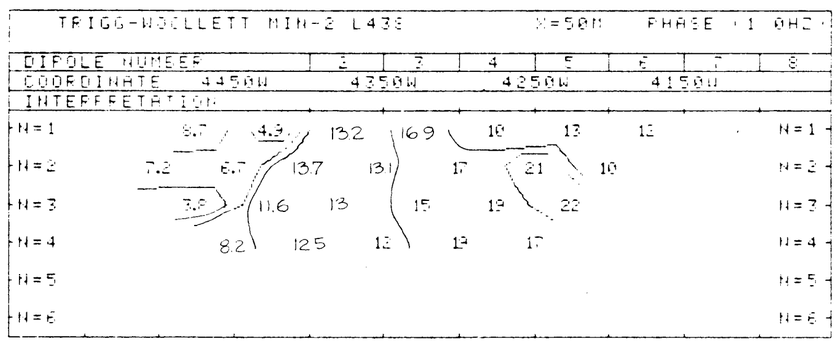
PHOENIX GEOPHYSICS LTD.

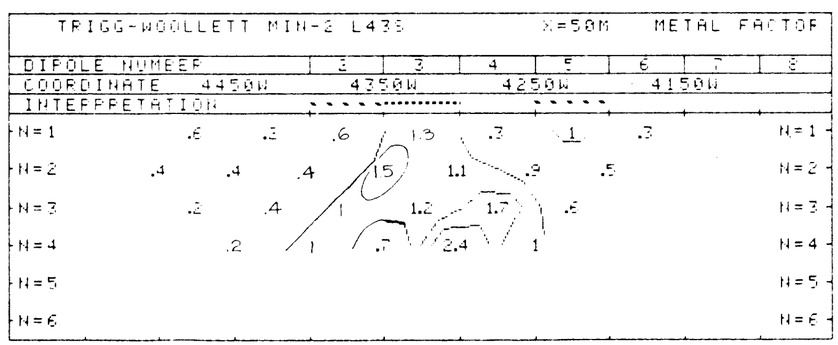
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO -I P-5811-6



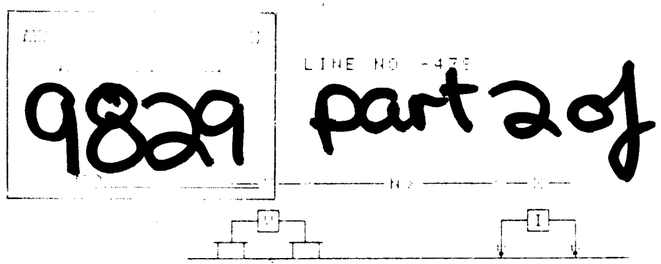




TRIGG-WOOLLETT CON.LTD.

MIN-2 GRID PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1.5 -2,-3,-5,-7 5,-10

DATE SURVEYED JULY 1981

APPROVED

Pac

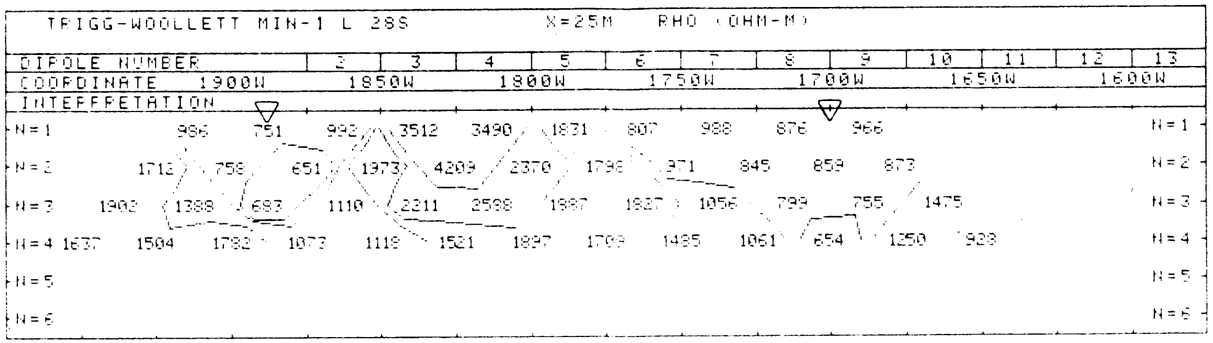
DATE Oct 28/81

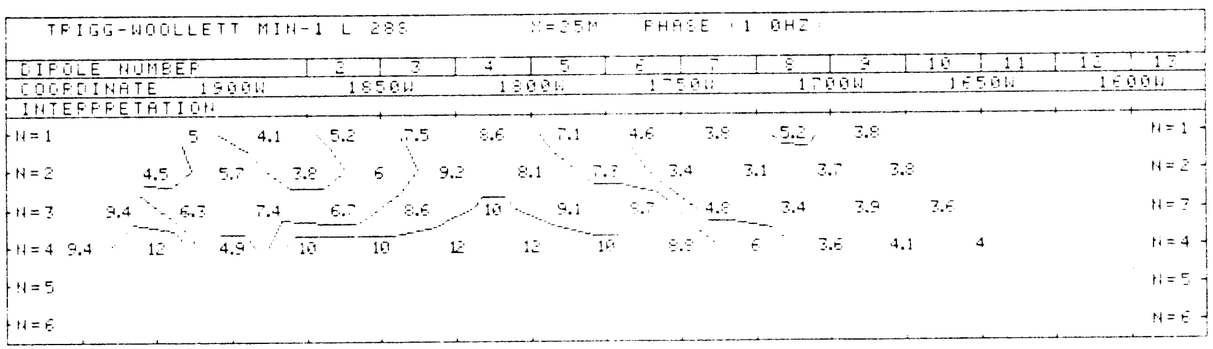
PHOENIX GEOPHYSICS LTD.

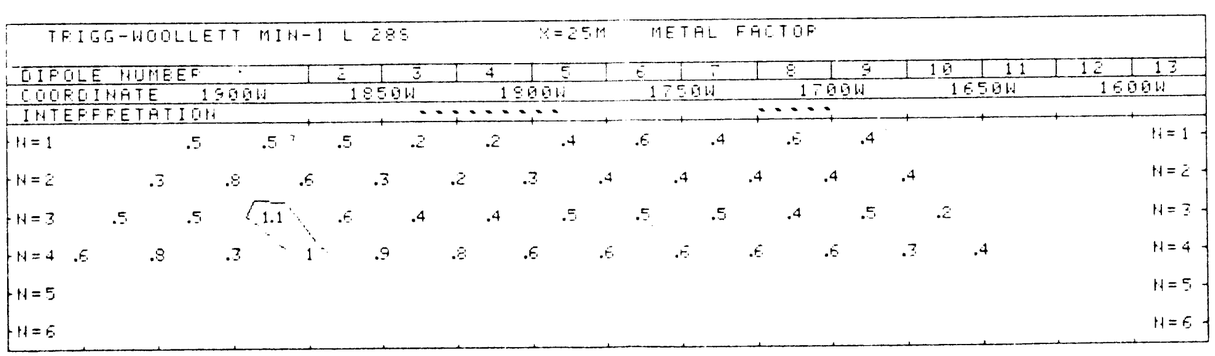
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO -I P-5811-7



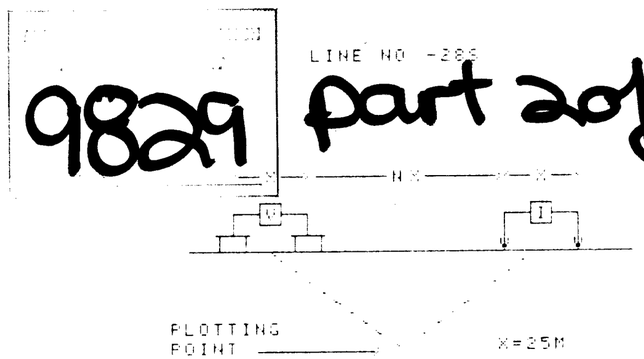




TRIGG-WOOLLETT CON.LTD.

MIN-1 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA



9829 part 2 of 2

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1.0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7 5,-10

DATE SURVEYED JUNE 1981

APPROVED

PAc

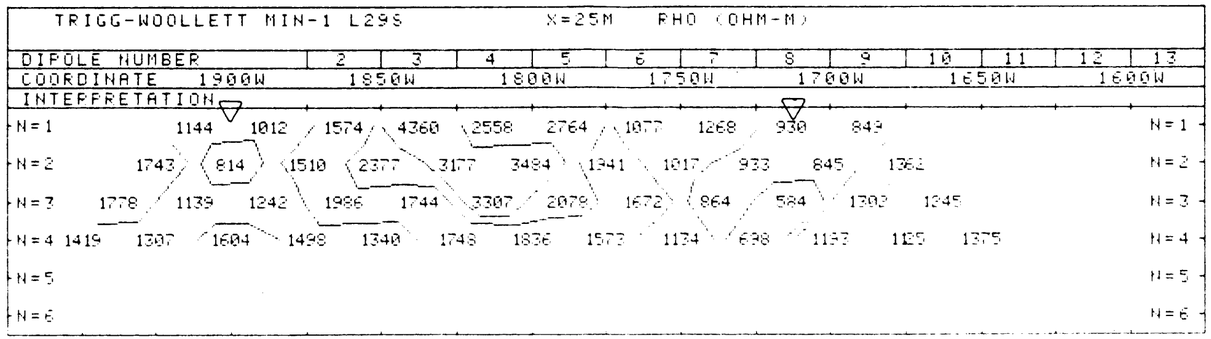
DATE Oct 28/81

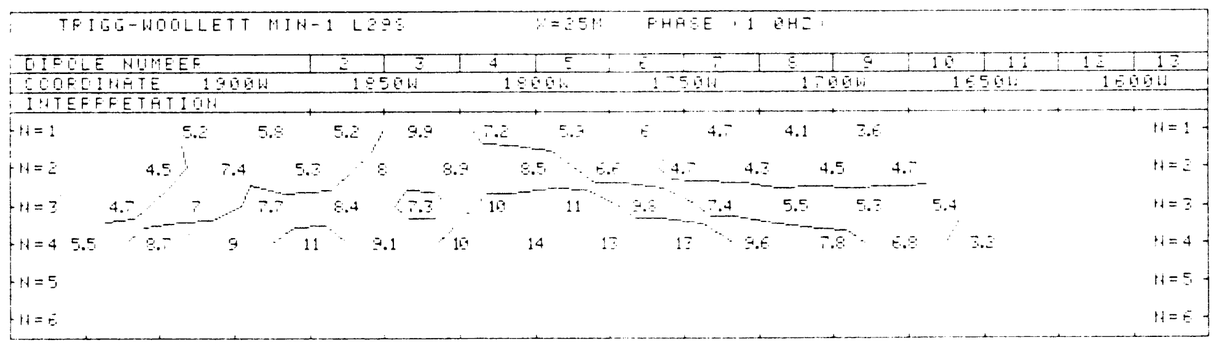
PHOENIX GEOPHYSICS LTD.

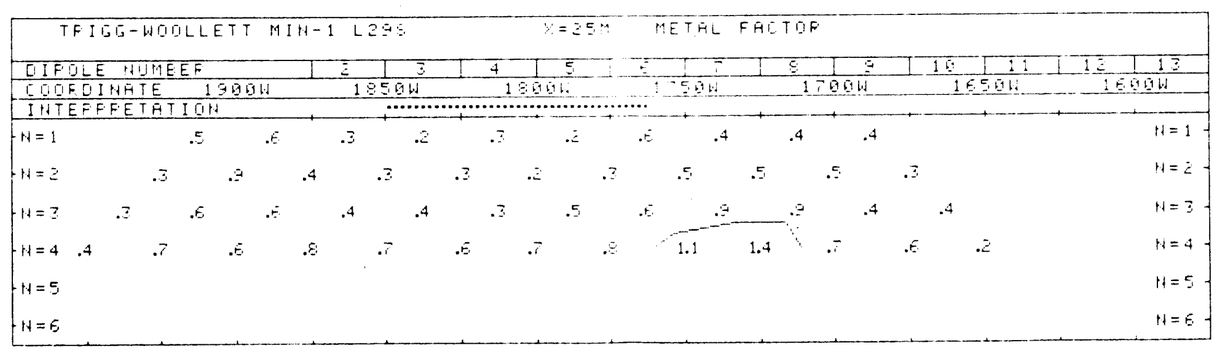
INDUCED POLARIZATION

AND RESISTIVITY SURVE

DWG NO -I P-5811-







TRIGG-WOOLLETT CON.LTD.

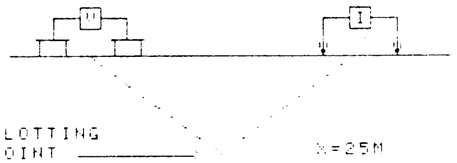
MIN-1 GRID. PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

9829 NO.

LINE NO -29S

part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7 5,-10

DATE SURVEYED JUNE 1981

APPROVED

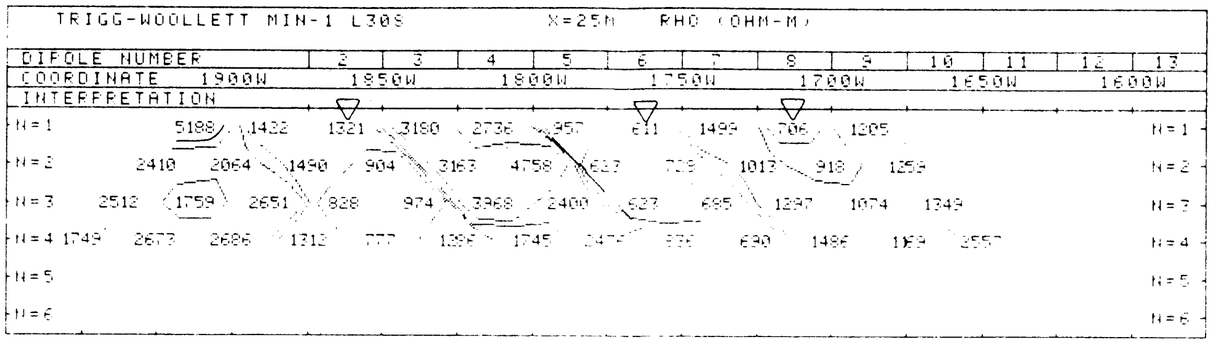
PAc

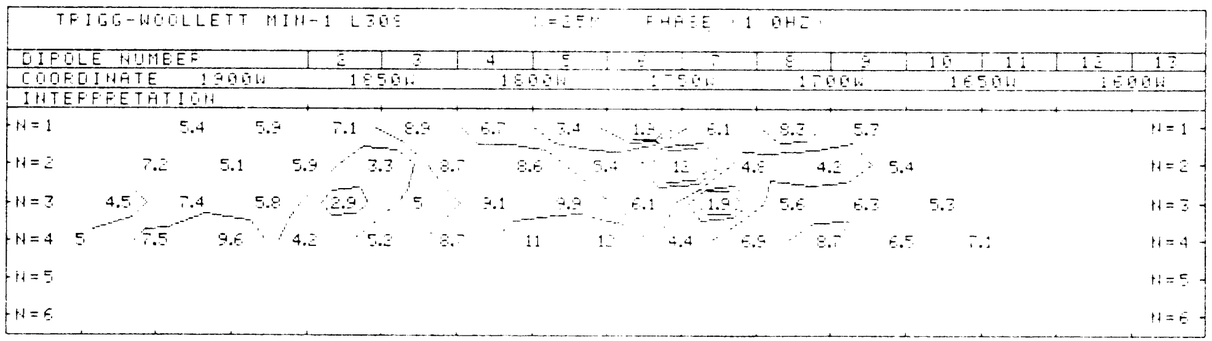
DATE Oct 28/81

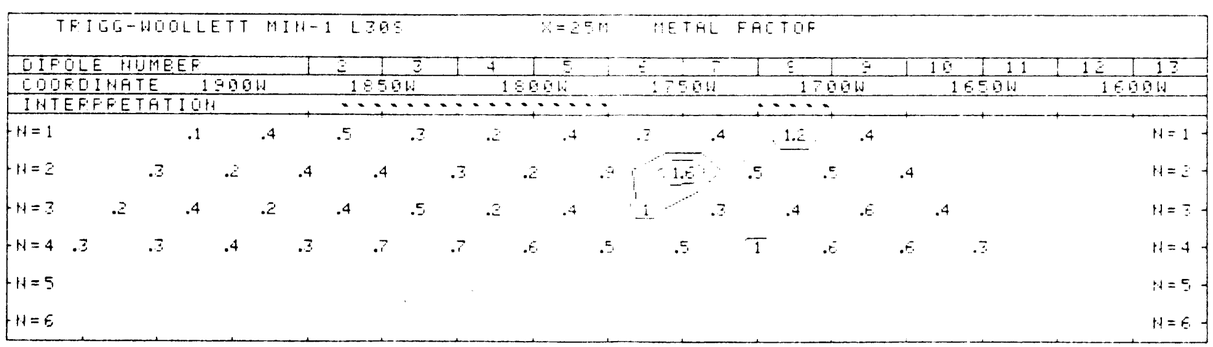
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







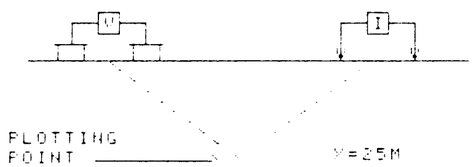
TRIGG-WOOLLETT CON.LTD.

MIN-1 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -70S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1 5 -2.-3.-5.-7 5.-10

DATE SURVEYED JUNE 1981

APPROVED

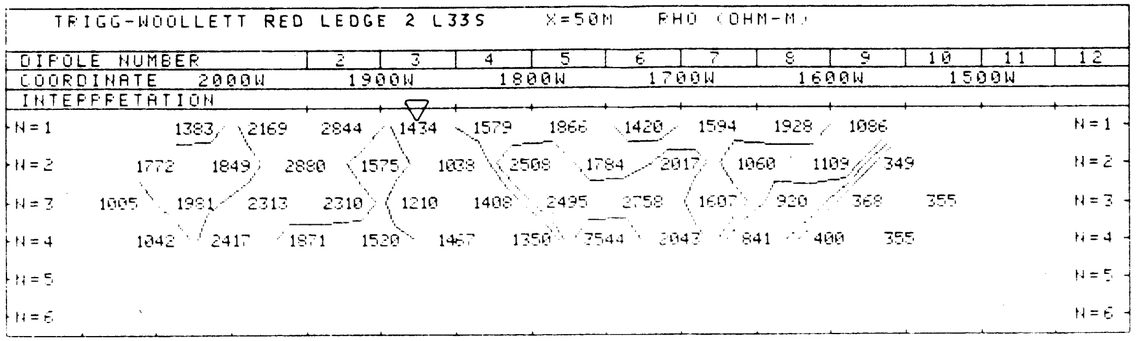
PAC

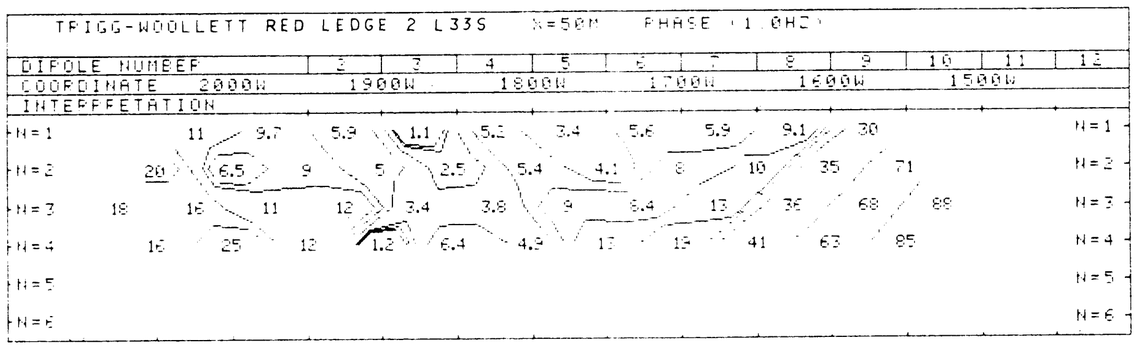
DATE Oct 28/81

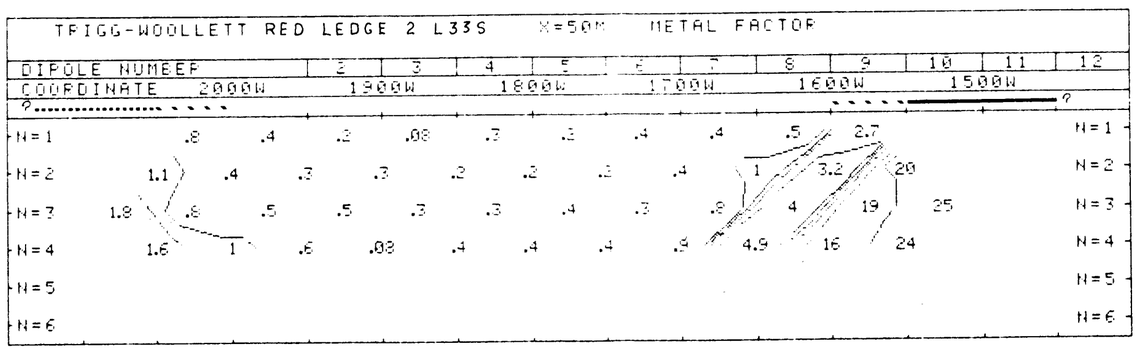
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO.-I P-5811-10

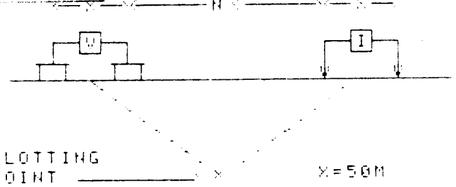
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA

9829 part 2 of 2

LINE NO -33S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7 5.-10

DATE SURVEYED JULY 1991

APPROVED

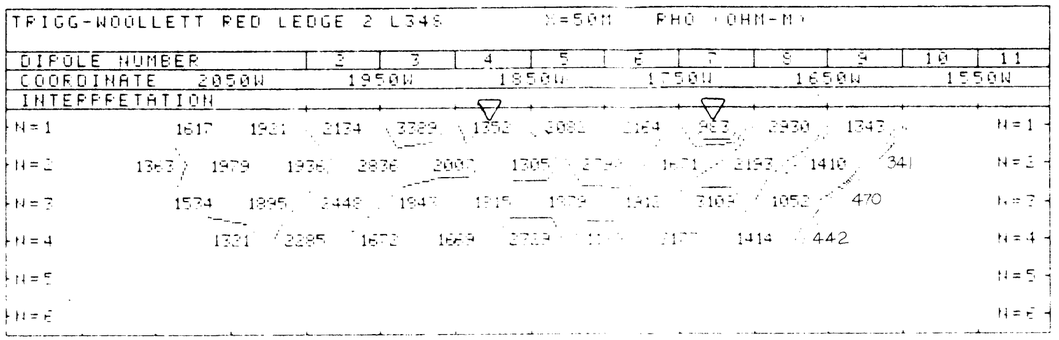
PAC

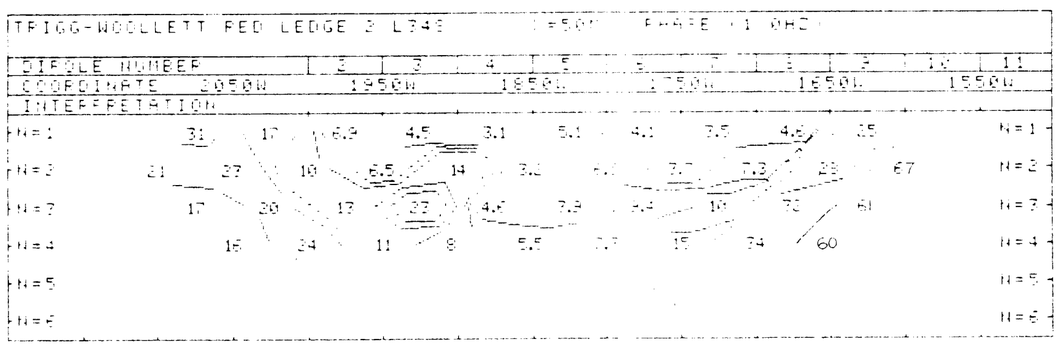
DATE Oct 28/81

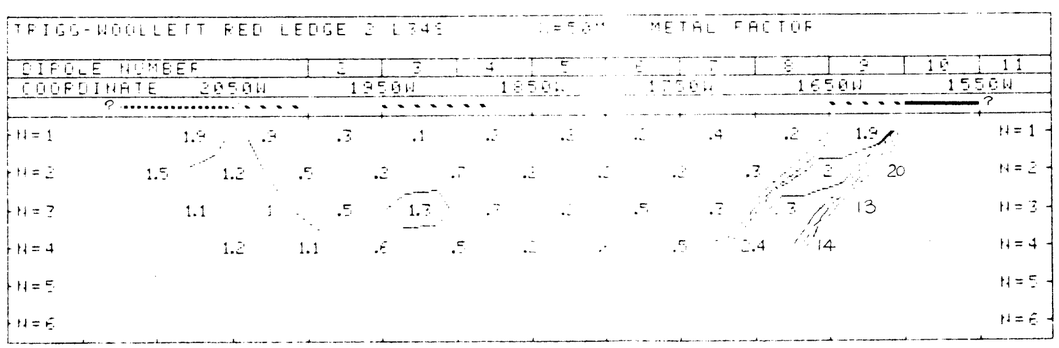
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-11

TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -348

9829 part 2 of 2

PLOTTING POINT

N=50M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JULY 1981

APPROVED

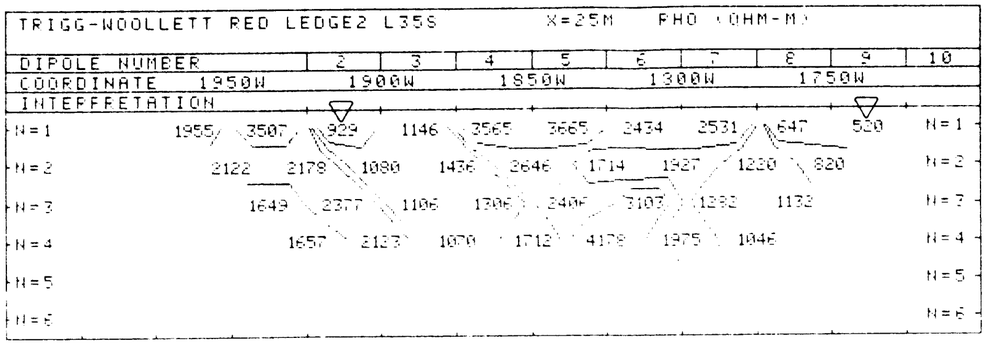
PAC

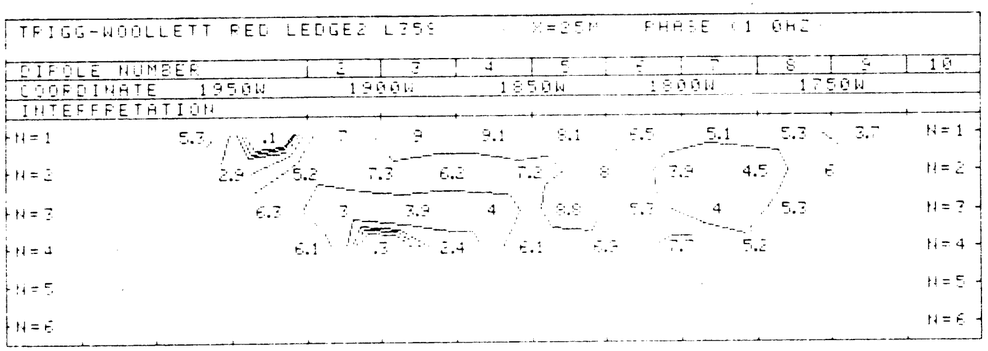
DATE Oct 28/81

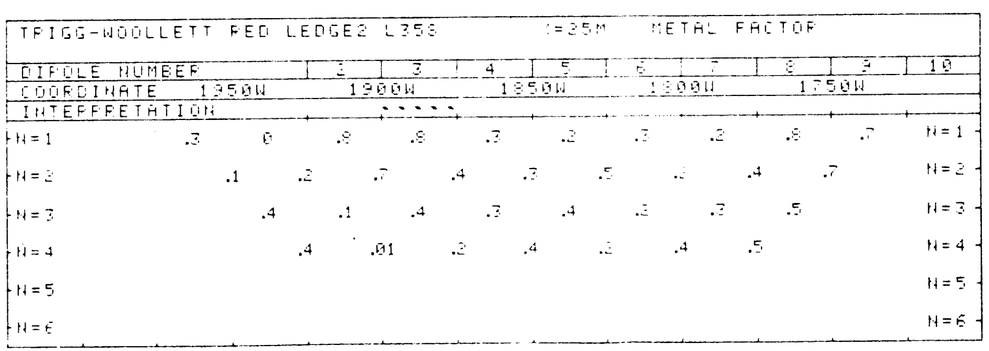
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-5811-12

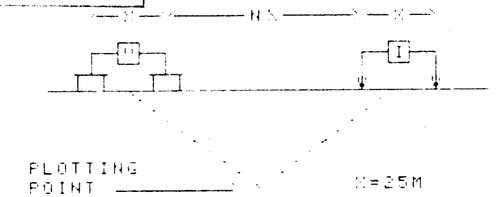
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID/PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

9829 part 2 of 2

LINE NO -75S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7 5.-10

DATE SURVEYED JULY 1981

APPROVED

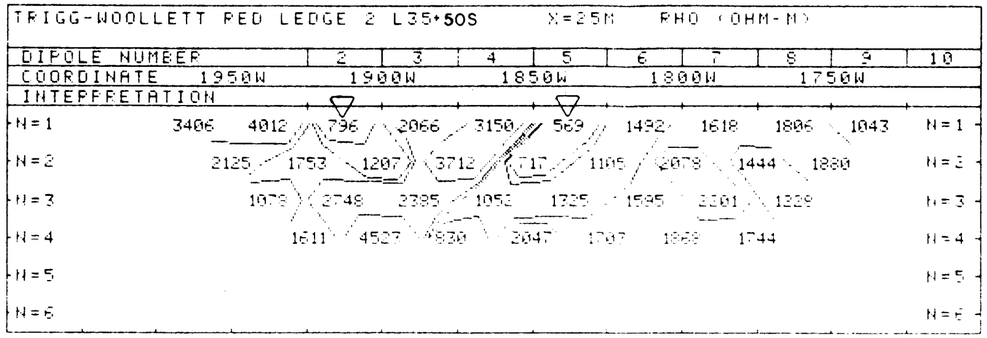
Pac

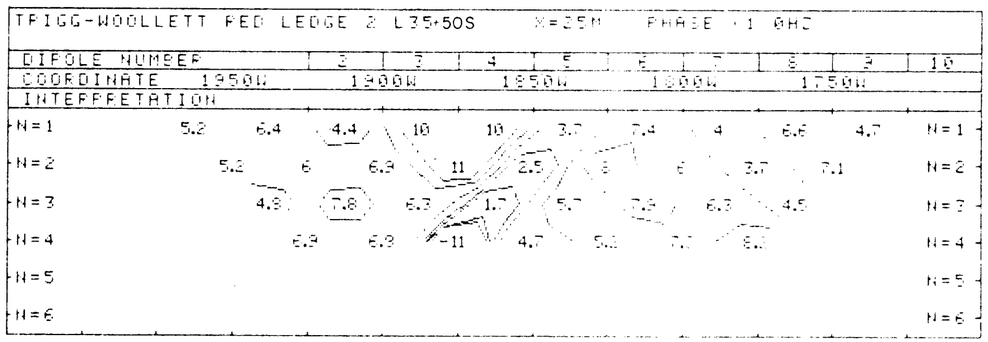
DATE Oct 28/81

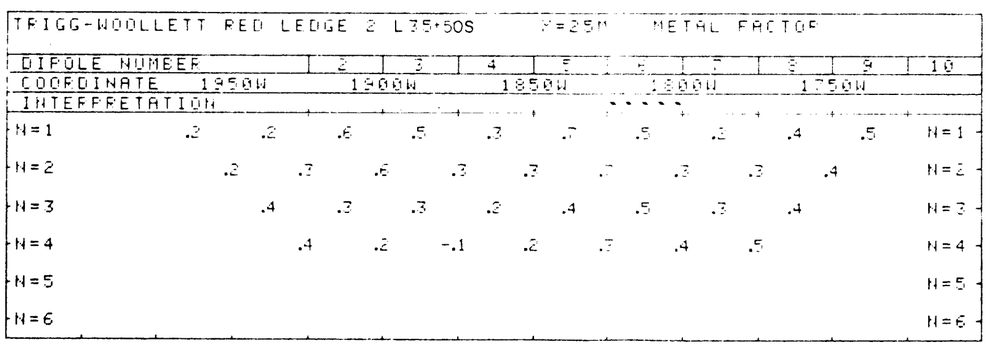
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-9811-17

TRIGG-WOOLLETT CON.LTD.

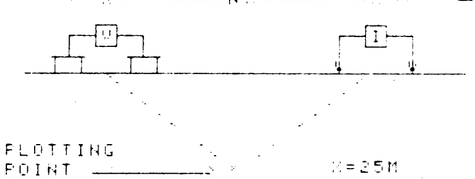
RED LEDGE-2 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

9829

LINE NO :-35+50S

part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5.-7.5.-10

DATE SURVEYED JULY 1981

APPROVED

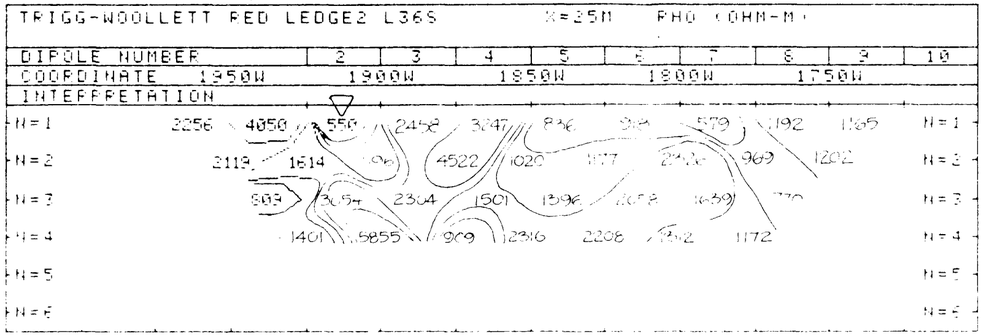
PAC

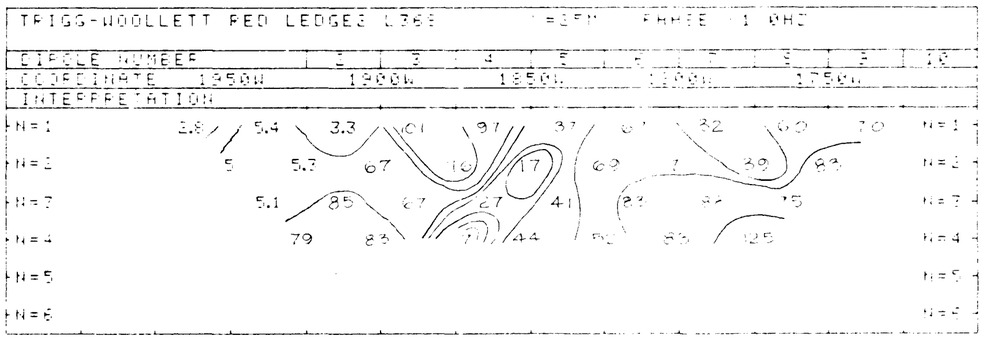
DATE Oct 28/81

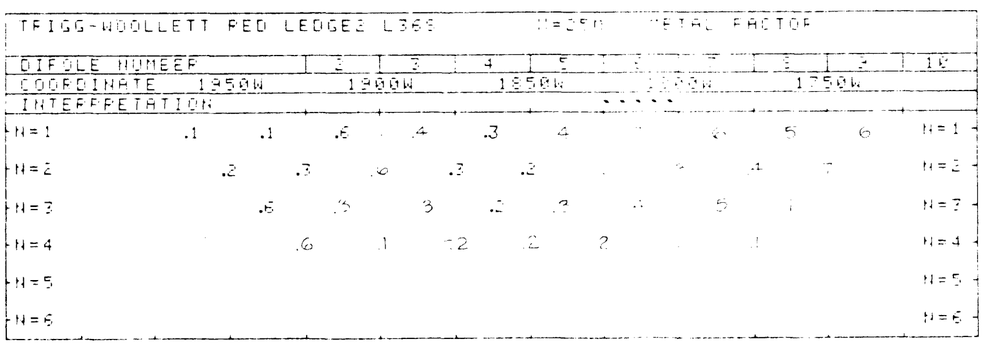
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







DWG NO -I P-9811-14

TRIGG-WOOLLETT CON.LTD.

RED LEDGE-3 GRID PROJECT EBT

GOLDEN M.D. BRITISH COLUMBIA

LINE NO -9S

9829 part 2 of 2

PLOTTING POINT

X=25M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE .....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JULY 1991

APPROVED

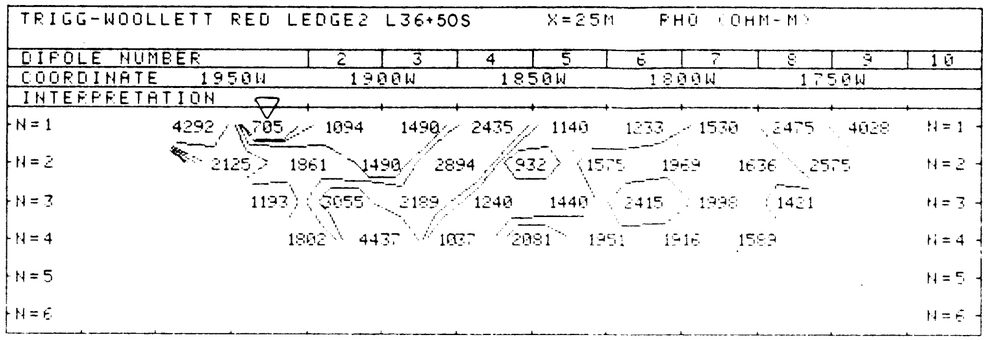
PAC

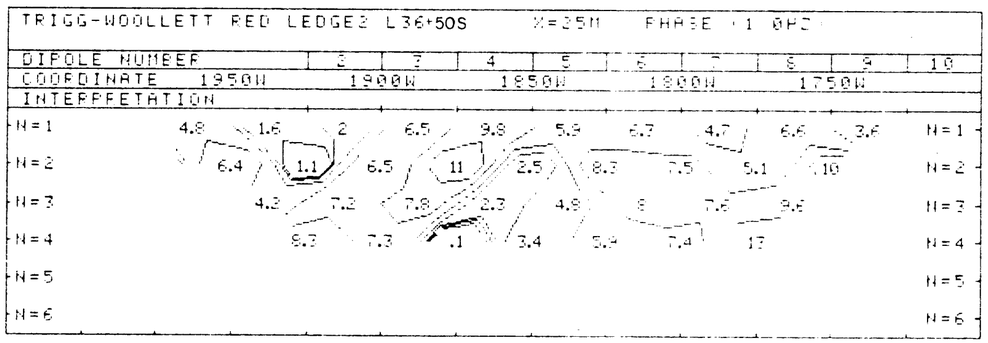
DATE Oct 28/91

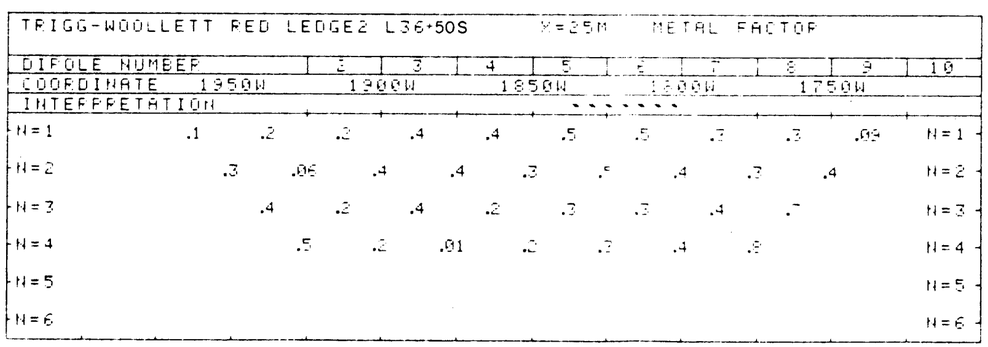
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







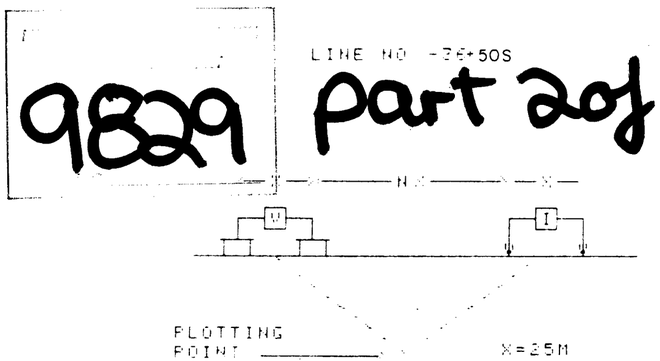
DWG. NO.-I P-5811-15

TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1.-1.5 -2.-3.-5 -7 5.-10

DATE SURVEYED JULY 1981

APPROVED

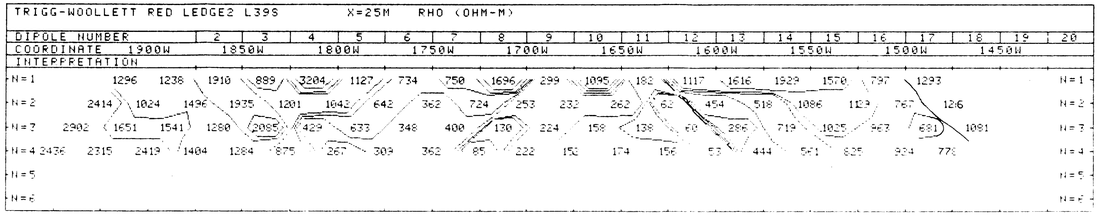
Pac

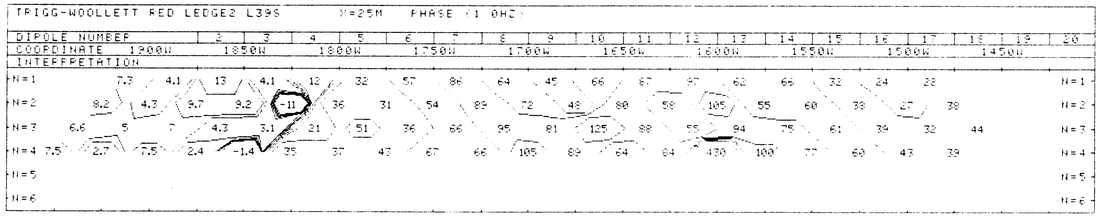
DATE Oct 28/81

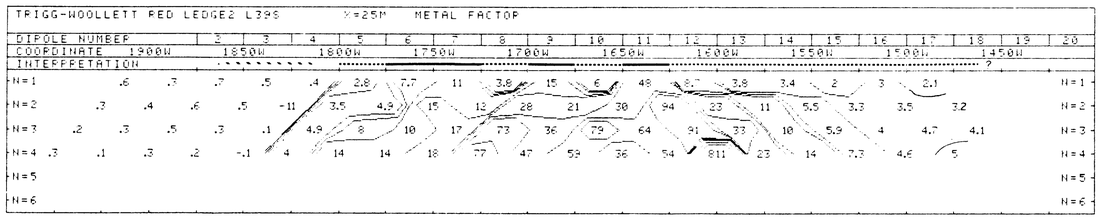
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY





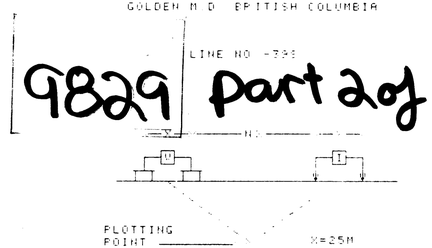


DWG NO -I P-5811-21

TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EBI

GOLDEN M.D. BRITISH COLUMBIA



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2 -3,-5,-7.5,-10

DATE SURVEYED JUNE 1981

APPROVED

Pac

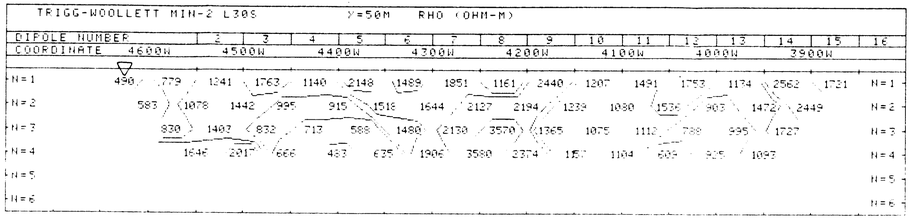
DATE Oct 28/81

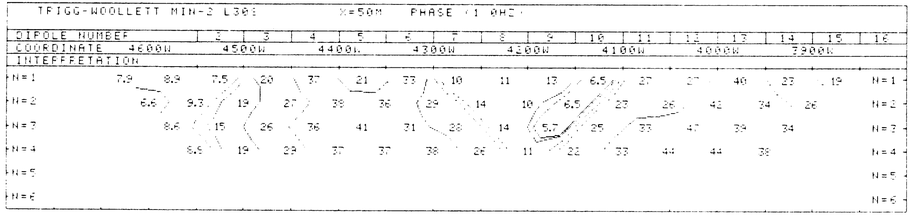
PHOENIX GEOPHYSICS LTD.

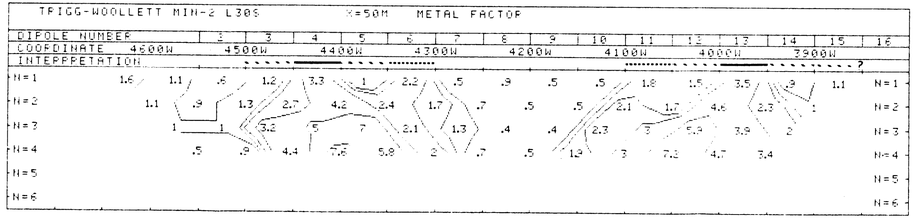
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

9829 part 2 of 2







9829

part 2 of 2

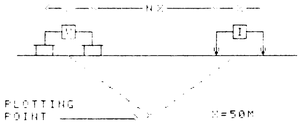
DWG NO -1 P-5811-1

TRIGG-WOOLLETT CON.LTD.

MIN-2 GRID-PROJECT EEI

GOLDEN M D BRITISH COLUMBIA

LINE NO -30S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————
PROBABLE ....
POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7.5,-10

DATE SURVEYED JUNE 1981
APPROVED

Pac

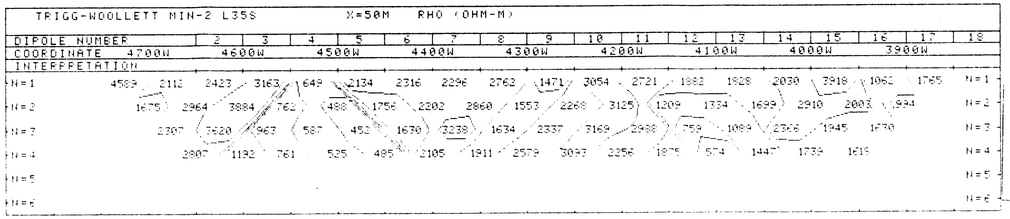
DATE Oct 28/81

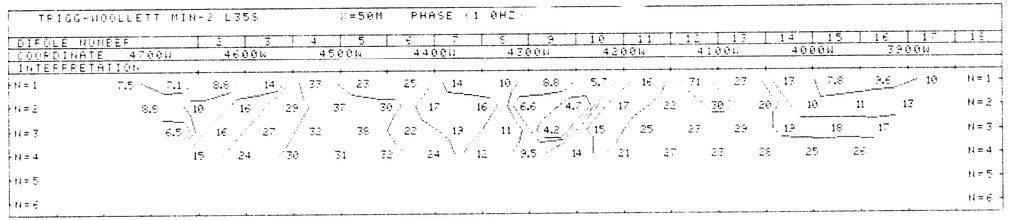
PHOENIX GEOPHYSICS LTD.

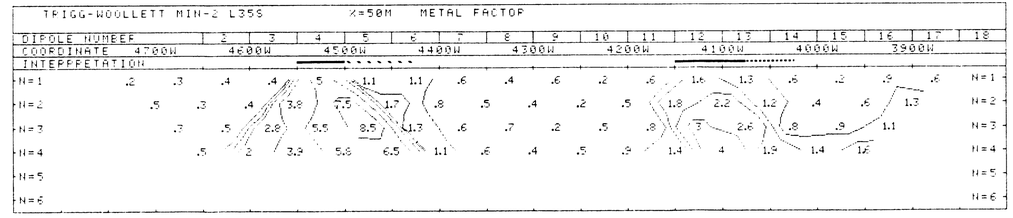
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO -I P-5811-2







9829

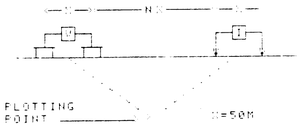
Part 2 of 2

TRIGG-WOOLLETT CON.LTD.

MIN-2 GRID PROJECT EBI

GOLDEN M D BRITISH COLUMBIA

LINE NO -L35S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

PAC

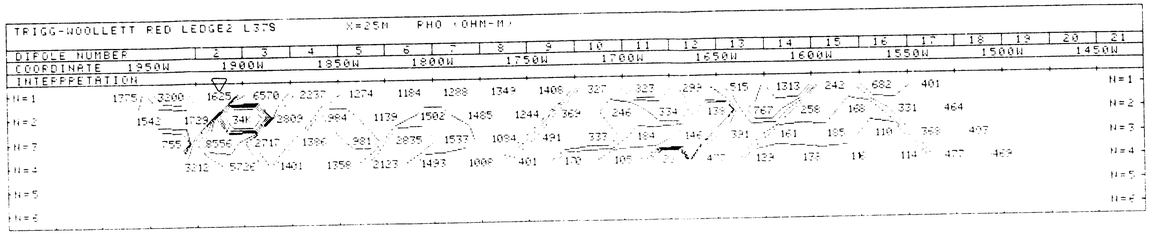
DATE Oct 28/81

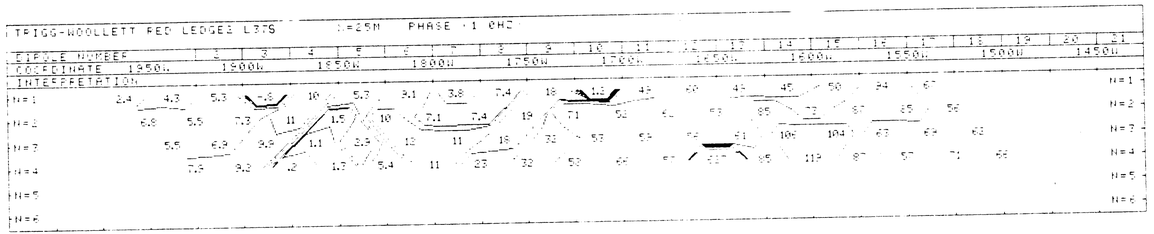
PHOENIX GEOPHYSICS LTD.

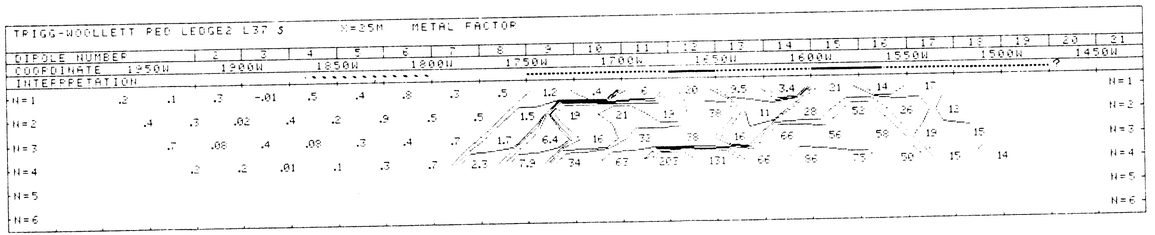
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO. I P-5811-16





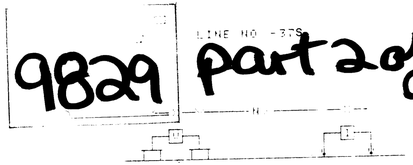


TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EEI

GOLDEN M.D. BRITISH COLUMBIA

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

Pac

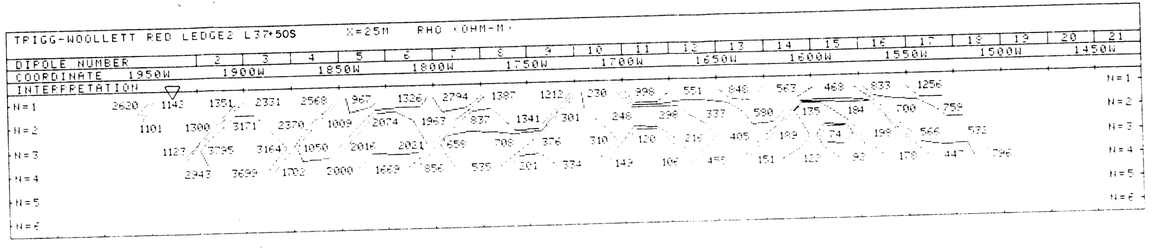
DATE Oct 28/81

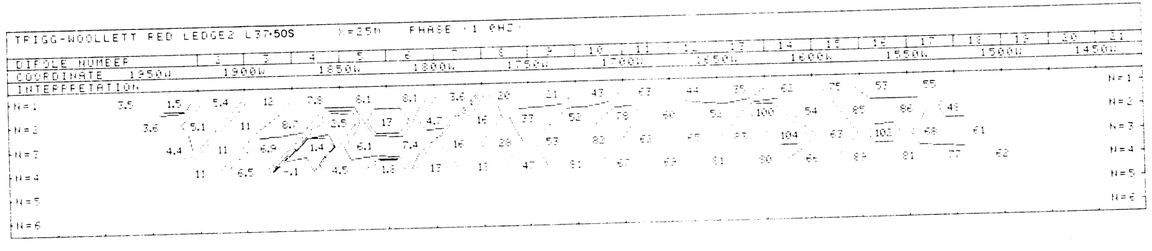
PHOENIX GEOPHYSICS LTD.

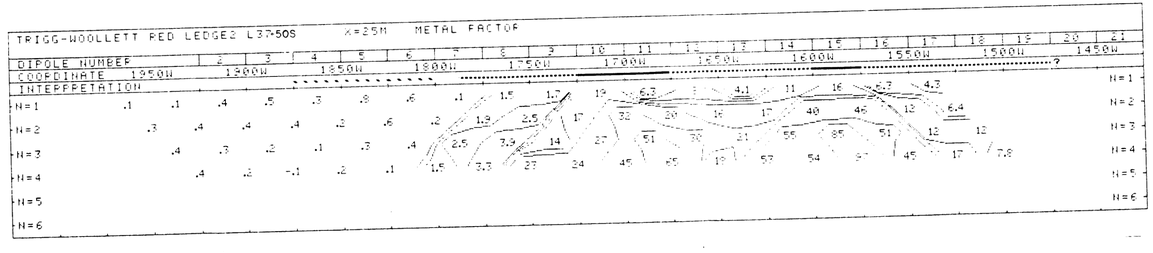
INDUCED POLARIZATION

AND RESISTIVITY SURVEY

DWG NO -I P-5811-1







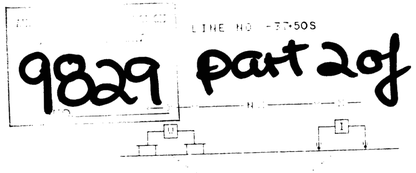
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EPI

GOLDEN B.C. BRITISH COLUMBIA

LINE NO -L37+50S

9829 part 2 of 2



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7.5,-10

DATE SURVEYED JUNE 1981

APPROVED

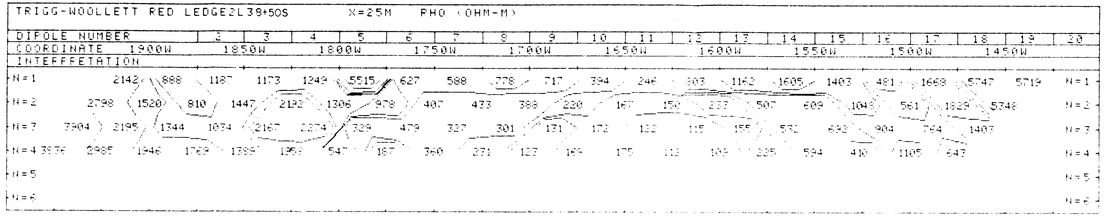
PAC

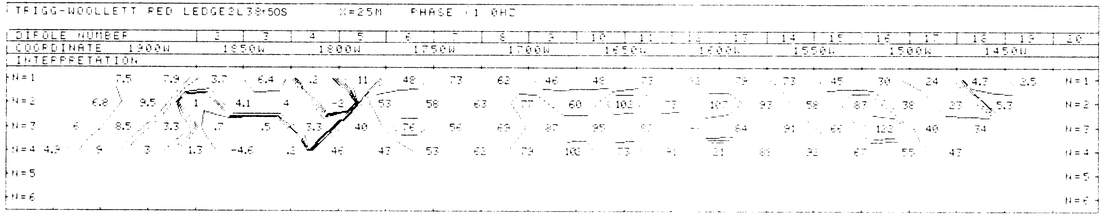
DATE Oct 28/81

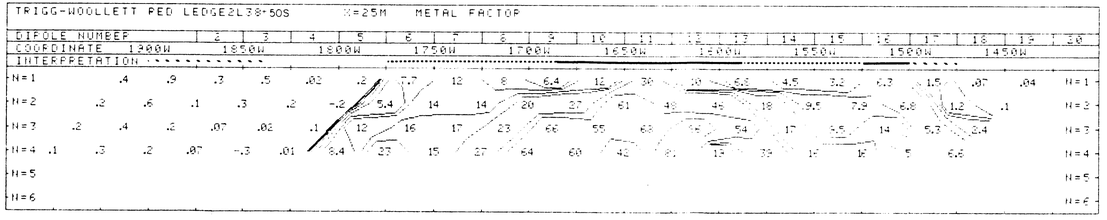
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

DWG. NO -I P-5811-20







TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID,PROJECT EE1

COLDEN M.D. BRITISH COLUMBIA

9829 part 2 of 2

LINE NO. 38+50S

N ——— N

PLOTTING POINT

X=25M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ———

PROBABLE .....

POSSIBLE - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

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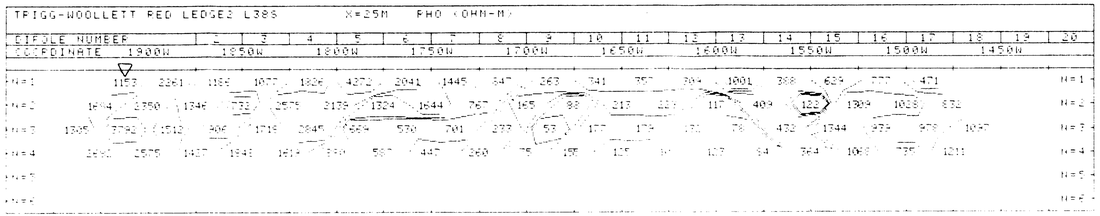
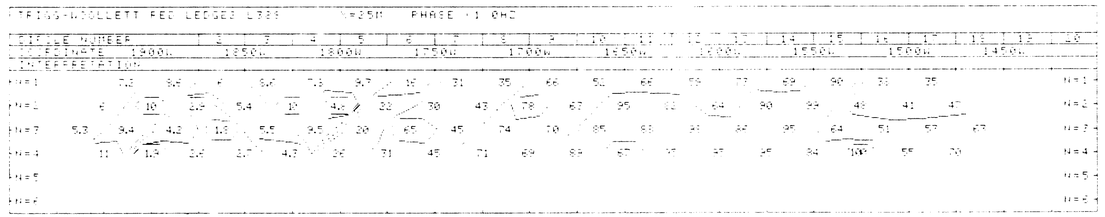
DATE Oct 28/81

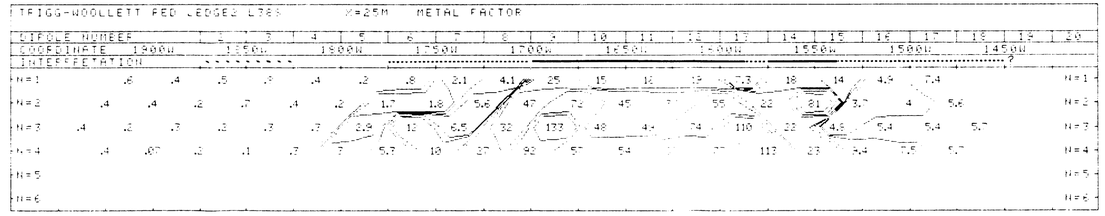
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY







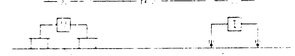
TRIGG-WOOLLETT CON.LTD.

RED LEDGE-2 GRID PROJECT EEI

GOLDEN M D BRITISH COLUMBIA

LINE NO -L38S

9829 part 2 of 2



PLOTTING POINT

1=25M

SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE ——————

PROBABLE ....

POSSIBLE - - - - - - -

FREQUENCY (HERTZ)
1 0

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1 -1 5 -2 -3 -5 -7 5 -10

DATE SURVEYED JUNE 1981

APPROVED

Pac

DATE Oct 28, 81

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY

MINI

MIN2

SMINI

RED LEDGE 2

RED LEDGE 1

Creek

Toby

Slork

50°20'

116°24'

5000 (1524)

5500 (1676)

6000 (1829)

6500 (1981)

7000 (2134)

7500 (2287)

SYMBOLS

GEOPHYSICAL ANOMALIES

INDUCED POLARIZATION (50m dipole spacing unless otherwise noted)

- Definite
- Probable
- Possible

RESISTIVITY

VLF-EM

- Definite: Seattle TX, Cutler TX
- Probable: Seattle TX, Cutler TX
- Possible: Seattle TX, Cutler TX

CENTRE OF ANOMALOUS ZONE IDENTIFIER (A)

Note Geophysical anomalies are taken from Cartwright and DiSpirito (1980)

Grid line identifiers shown

MINI — Mineral claim boundary claim name, legal corner post shown

5000 (1524) — Topographic contour after 1:50,000 NTS map sheet 82K/8 elevation in feet (metres)

NOTE:
TO ACCOMPANY GEOPHYSICAL REPORT FOR TRIGG-WOOLLETT CONSULTING LTD. PROJECT EBI, GOLDEN MINING DIV, B.C. BY PAUL CARTWRIGHT B.Sc., AND FRANK DISPRITO B.A.Sc.,P.Eng. DATED OCT. 30, 1981.

ASSESSMENT REPORT
9829
part 2 of 2

APPROVED: PAC

DATE: Oct 29/81

PHOENIX GEOPHYSICS LIMITED

INDUCED POLARIZATION AND RESISTIVITY SURVEY

PLAN MAP

ECHO BAY MINES LTD.

MINI, MIN2, SMINI, RED LEDGE 1, RED LEDGE 2

GEOPHYSICAL ANOMALIES

NTS 82K/8W

GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 50 100 200 METRES

DWG. NO - I.P.P.-B- 4011

OUT OF PHASE COMPONENT
300
200
100
0

MAXIMUM HORIZONTAL FIELD STRENGTH
1000
900
800
700
600
500
400

DIP ANGLE
40°W
20°W
0
20°E
40°E

4+00
45+00
44+00
43+00
42+00
41+00
40+00
39+00
38+00
37+00
36+00
35+00
34+00

SYMBOLS

X----X Dip angle

●——● Maximum horizontal field

o——o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 34+00 N
Seattle Sta

NTS 82K?

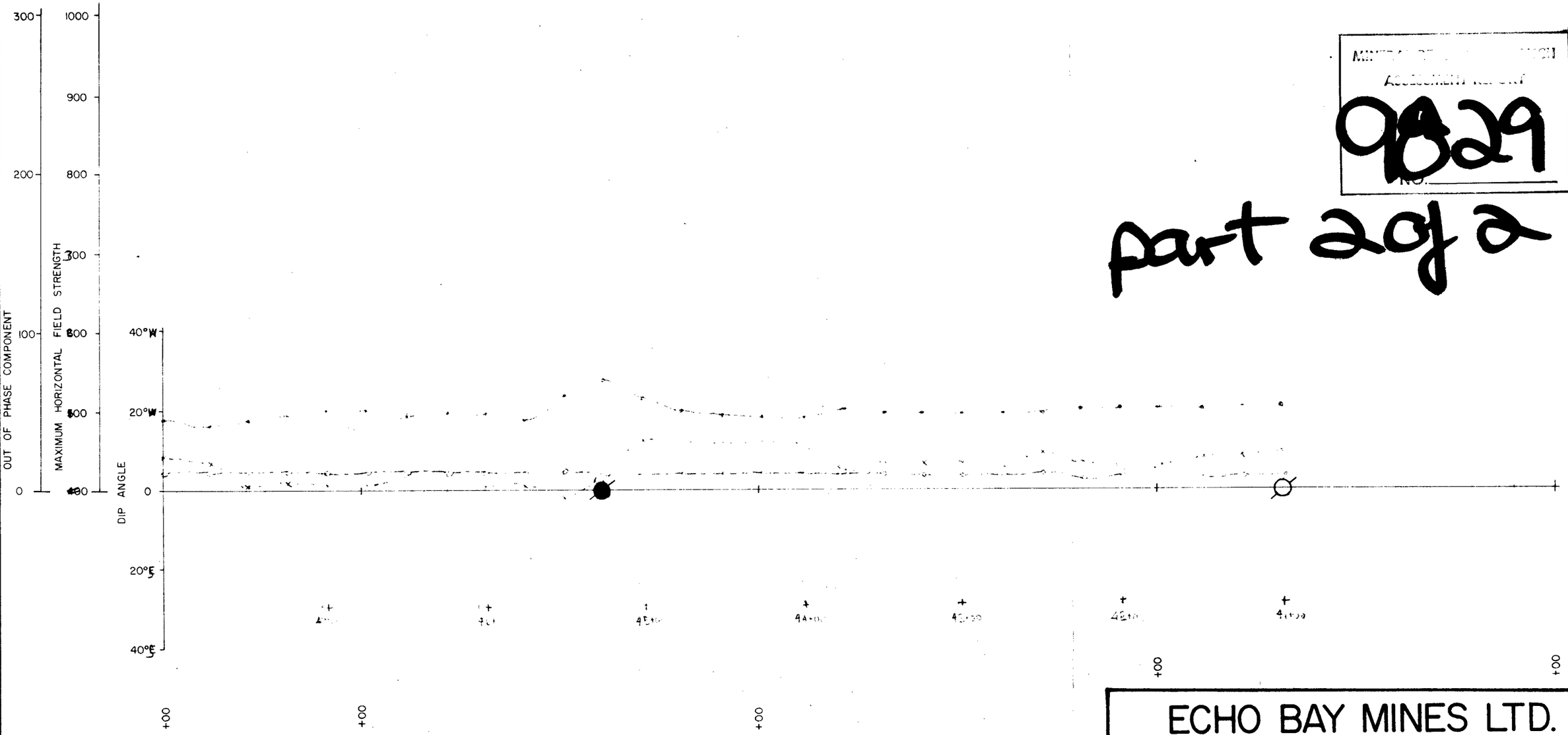
GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5230-8



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o— - —o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

Part 1 of 2 LINE 35+00S Min 2
Seattle Sta.

NTS 82K8

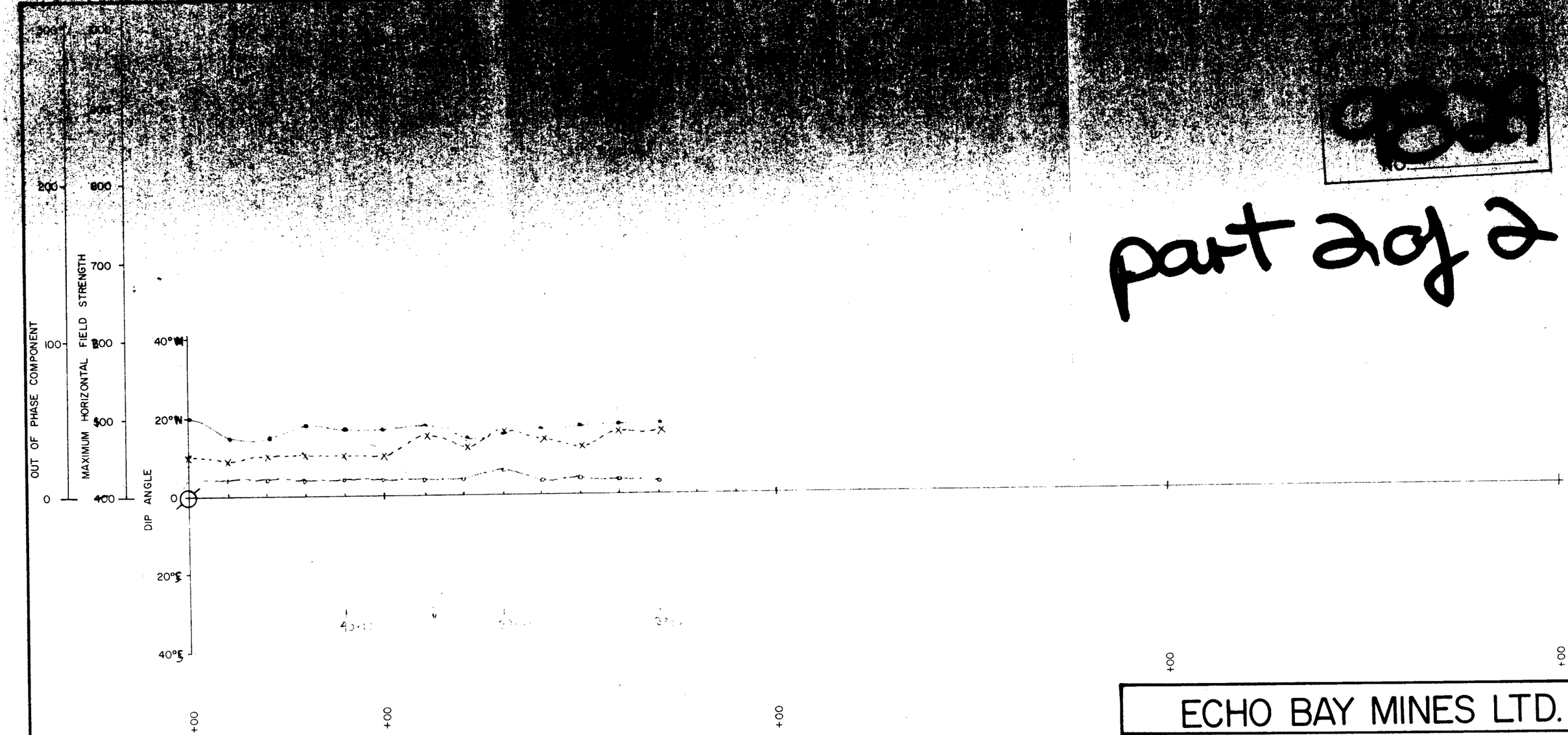
GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5230-9



part 2 of 2

SYMBOLS

X– – – –X Dip angle

●———● Maximum horizontal field

o– – –o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

Part 2 of 2

LINE 35+00S Min2
Seattle Sta

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

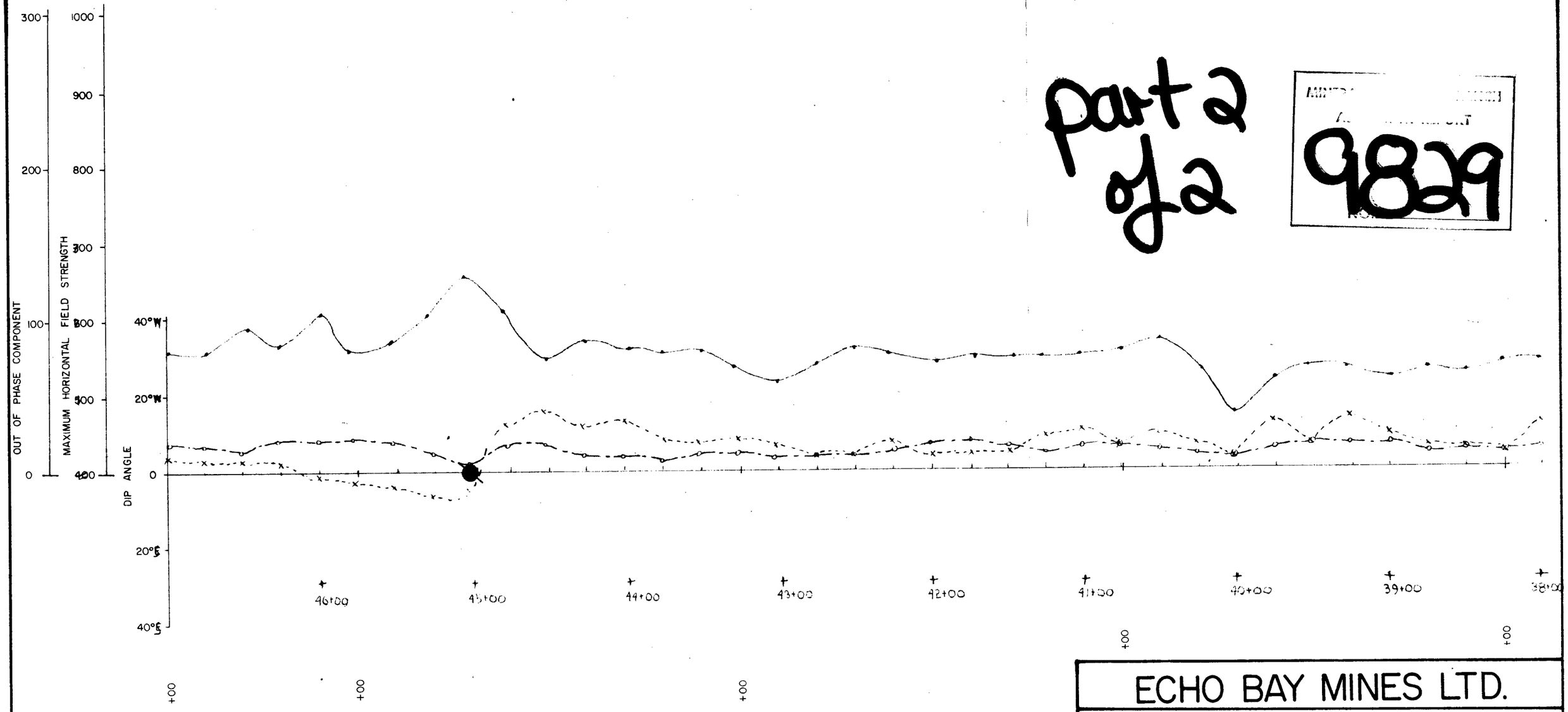
SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5230-10

part 2 of 2



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o- - -o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 34+00S Min 2
Cutler

NTS 82K8

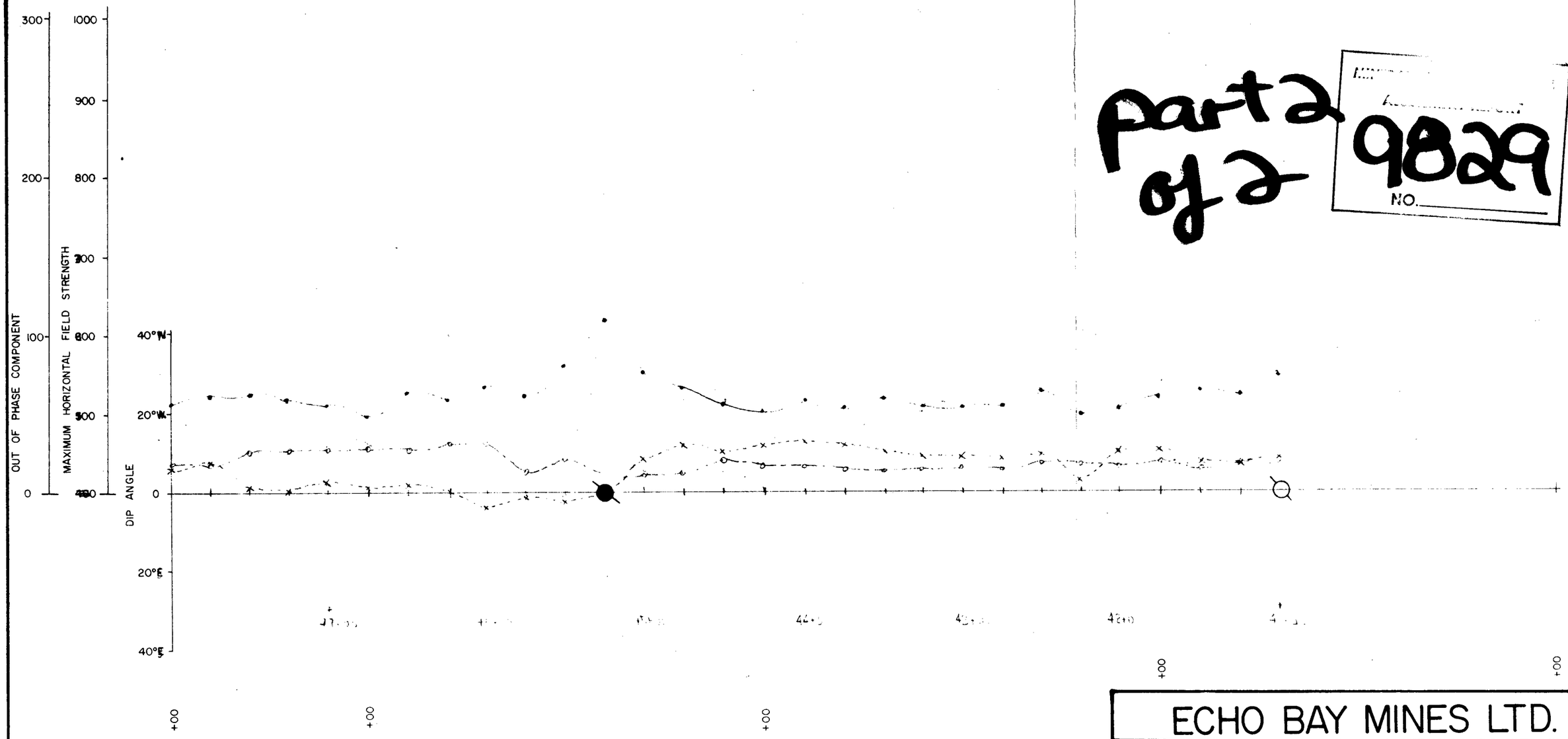
GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5230-5



SYMBOLS

X----X Dip angle

●——● Maximum horizontal field

o- - -o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

Part 1 - LINE 35+00S Mm2
Cutler

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

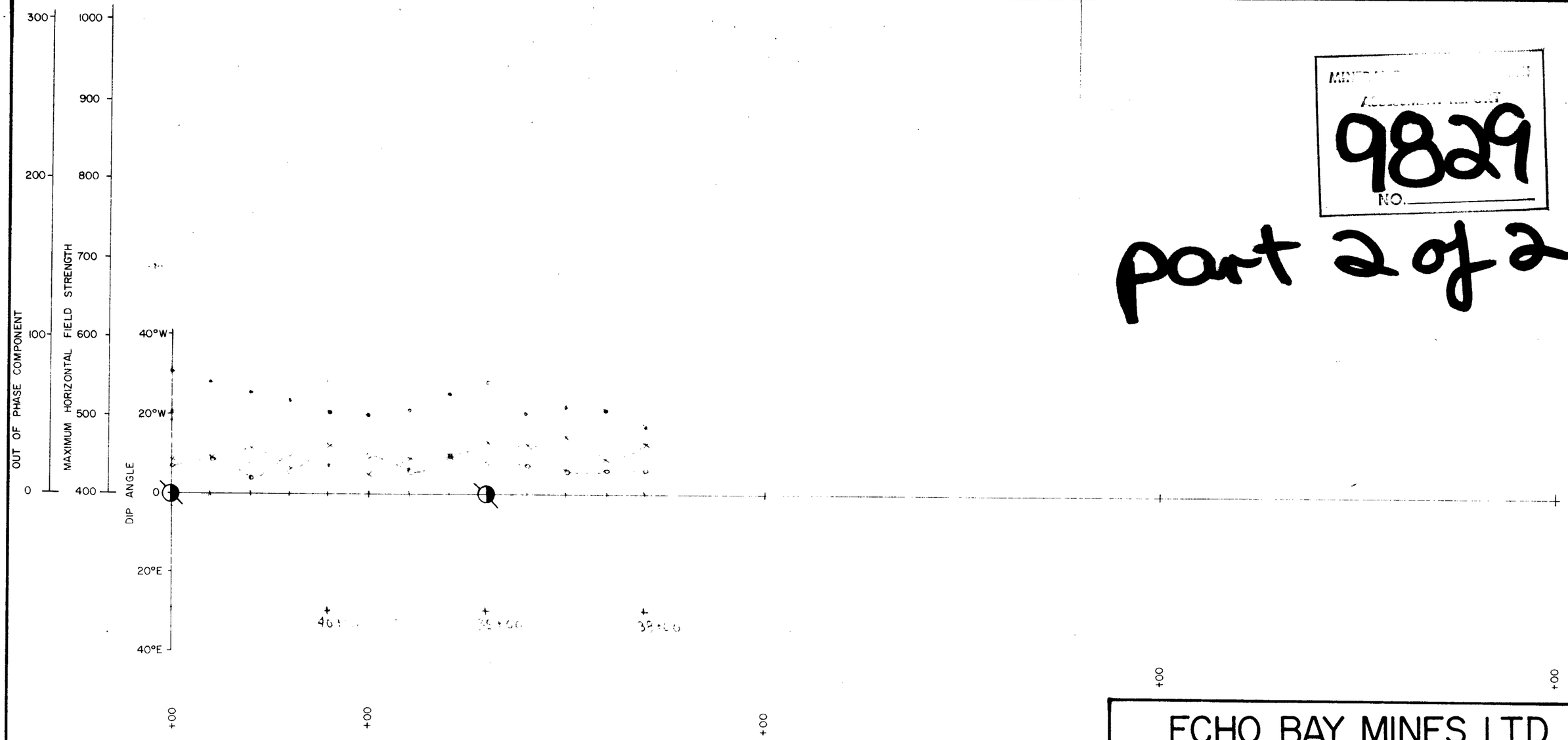
SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M. 5230-6

part 2 of 2



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

○- - -○ Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 35+00S Mine
Cutler

NTS 82K8

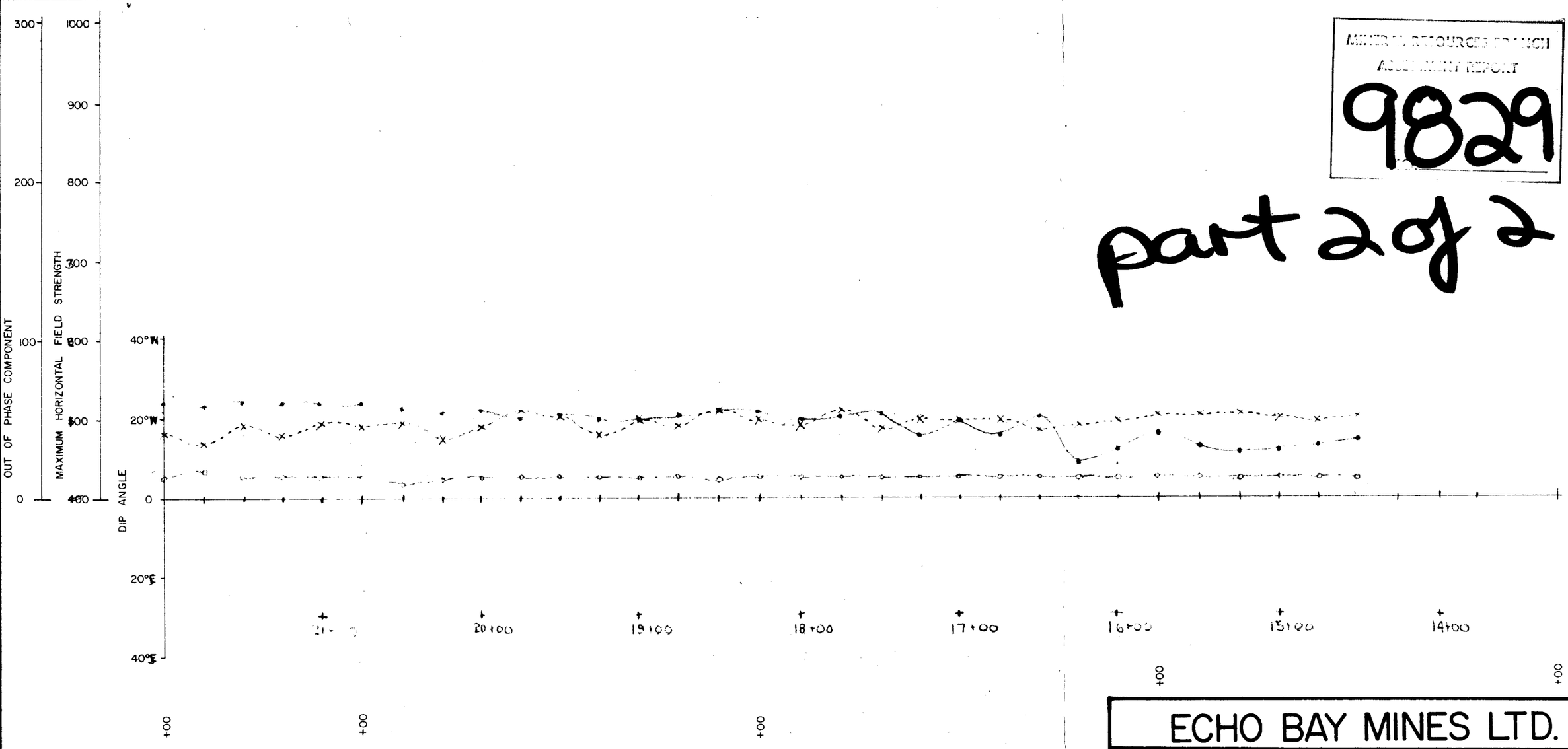
GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5230-7



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o- - -o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 32+00S Mine Grid
Castle Sta. No Corrections

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

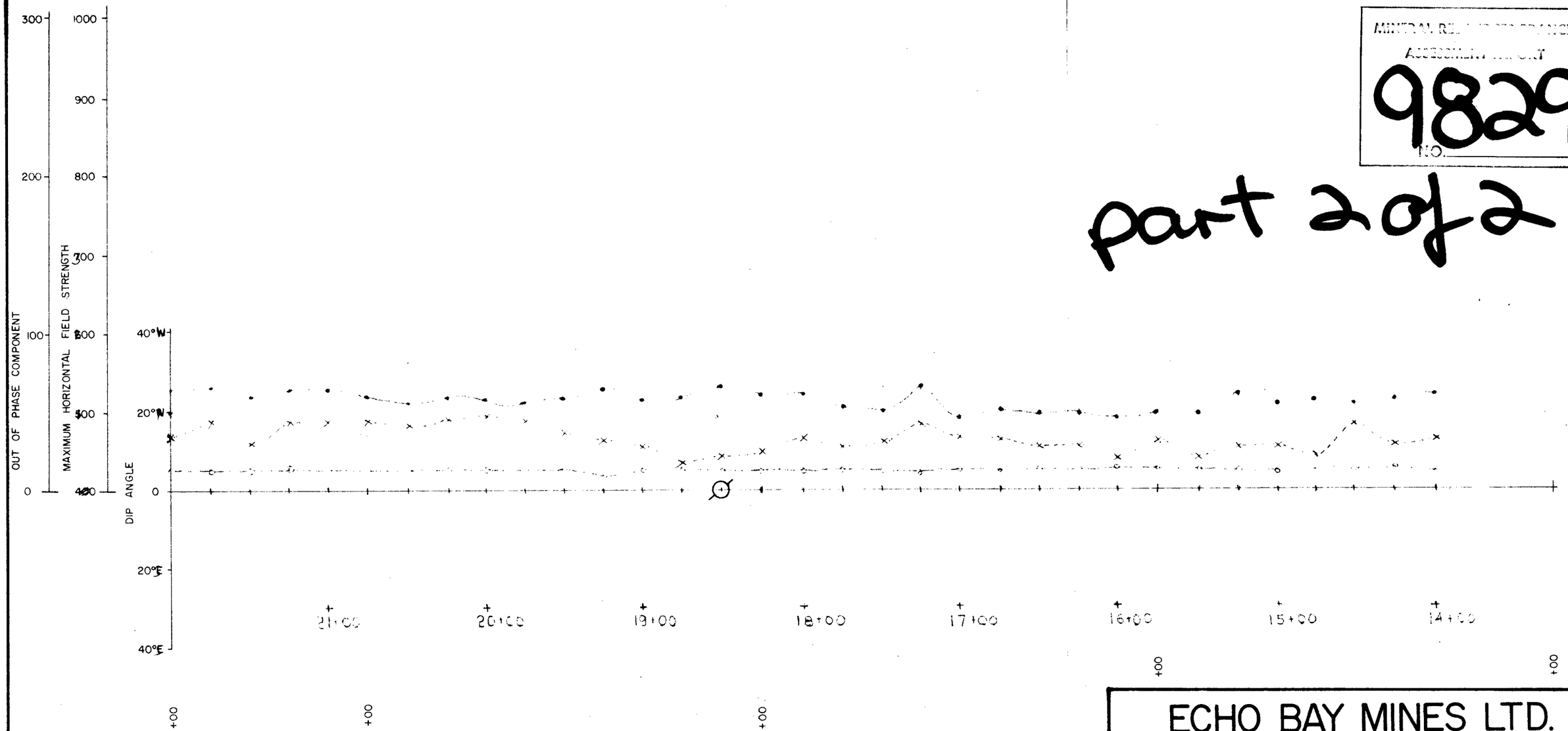
SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5229-9

part 2 of 2



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o— - —o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 33-00S Min I
Seattle Sta. No Correction.

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

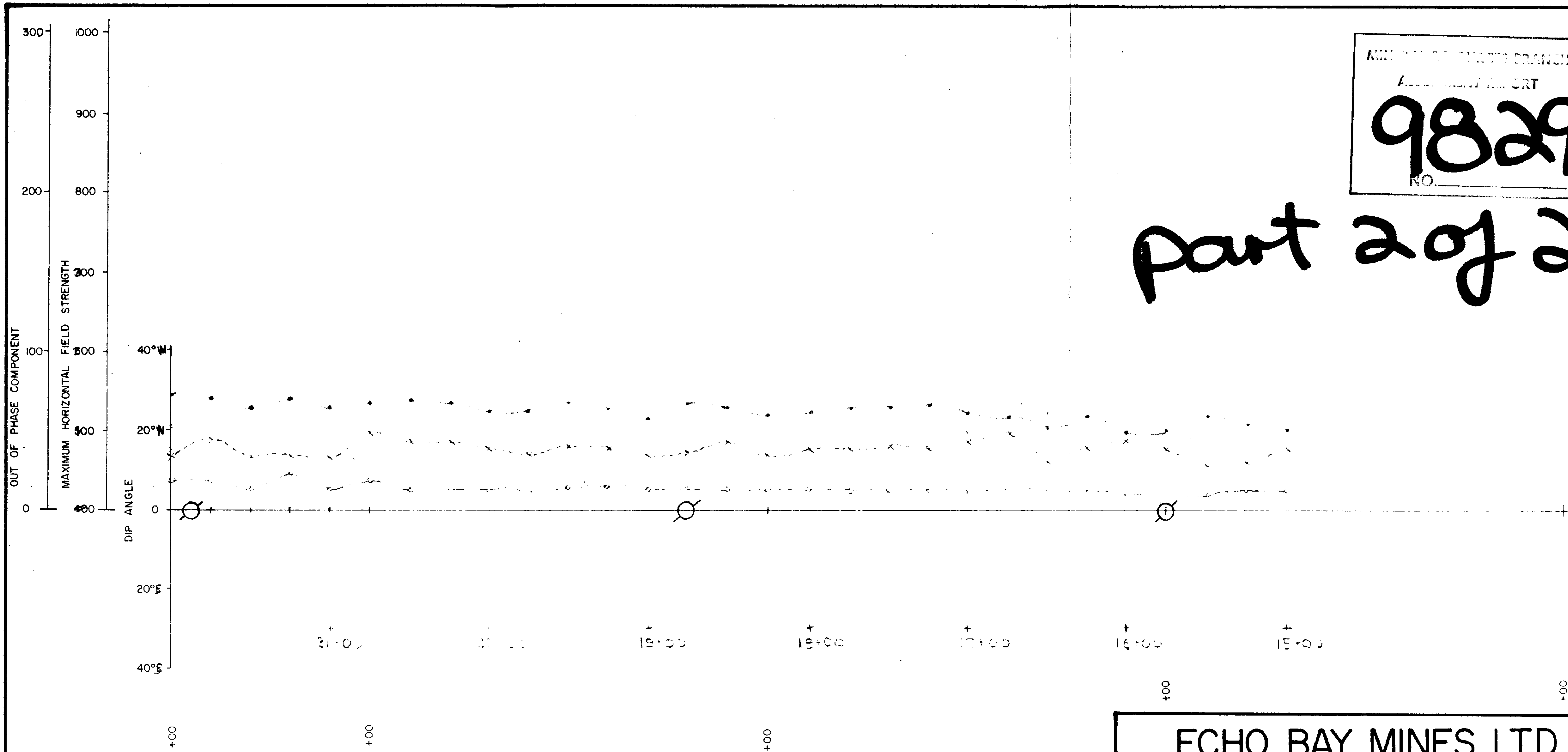
SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5229-10

part 2 of 2



SYMBOLS

X- - - -X Dip angle

•———• Maximum horizontal field

o— — —o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 34+

Seattle Sta.

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

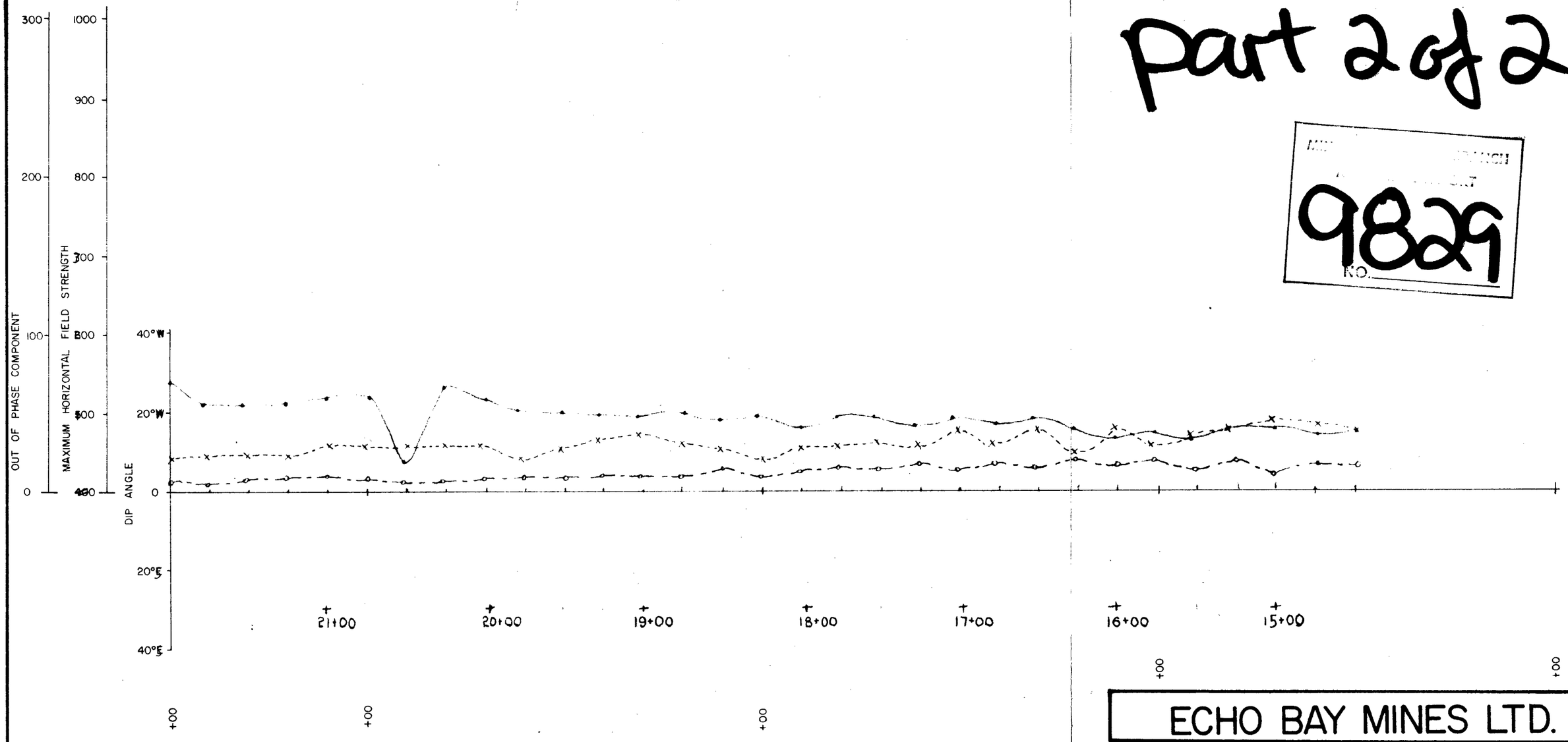
SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.-5229-11

Part 2 of 2



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o- - -o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 32+005 Mint
Cutler

NTS 82K8

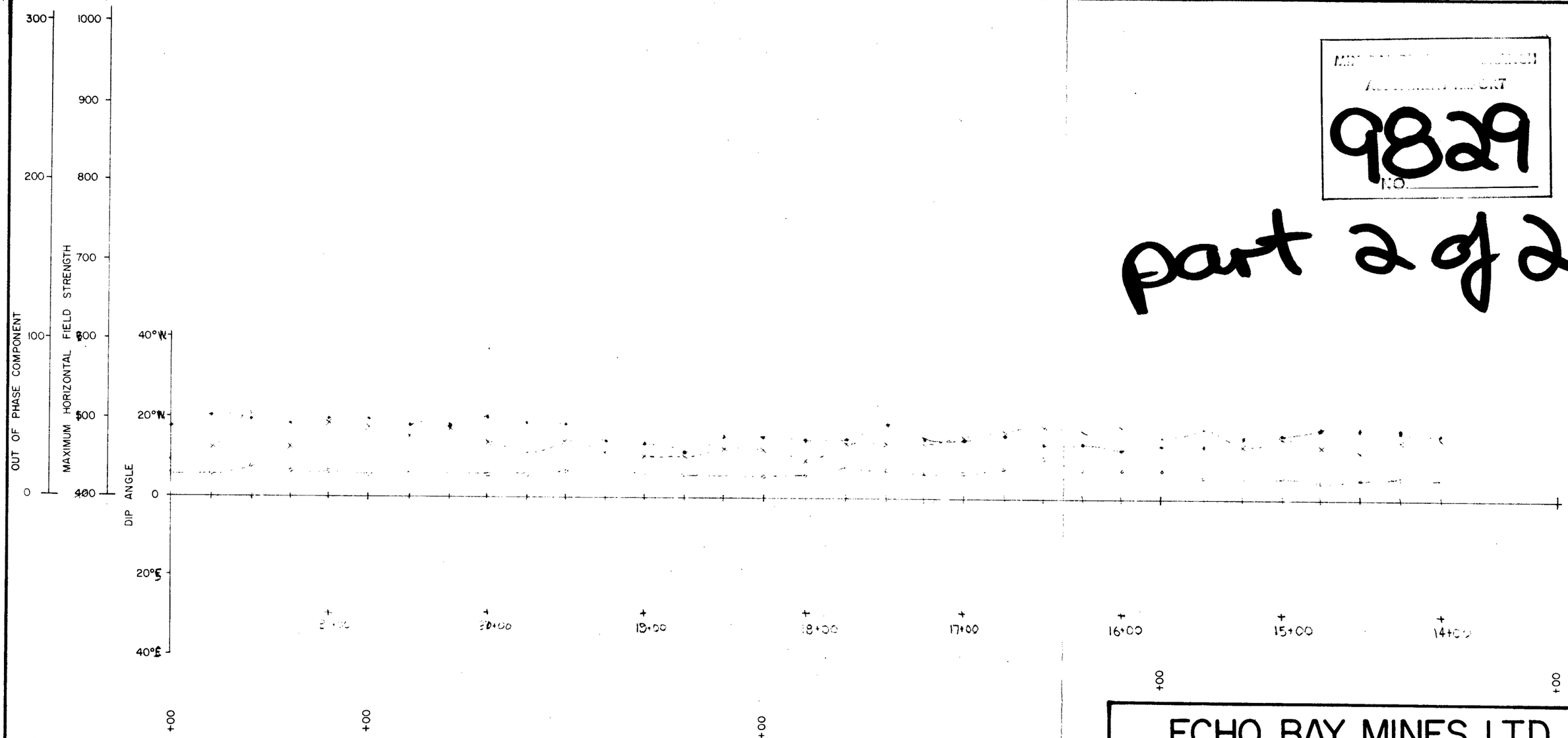
GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5229-6



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o— - —o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 33+00S Mini
Cutter Grid

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

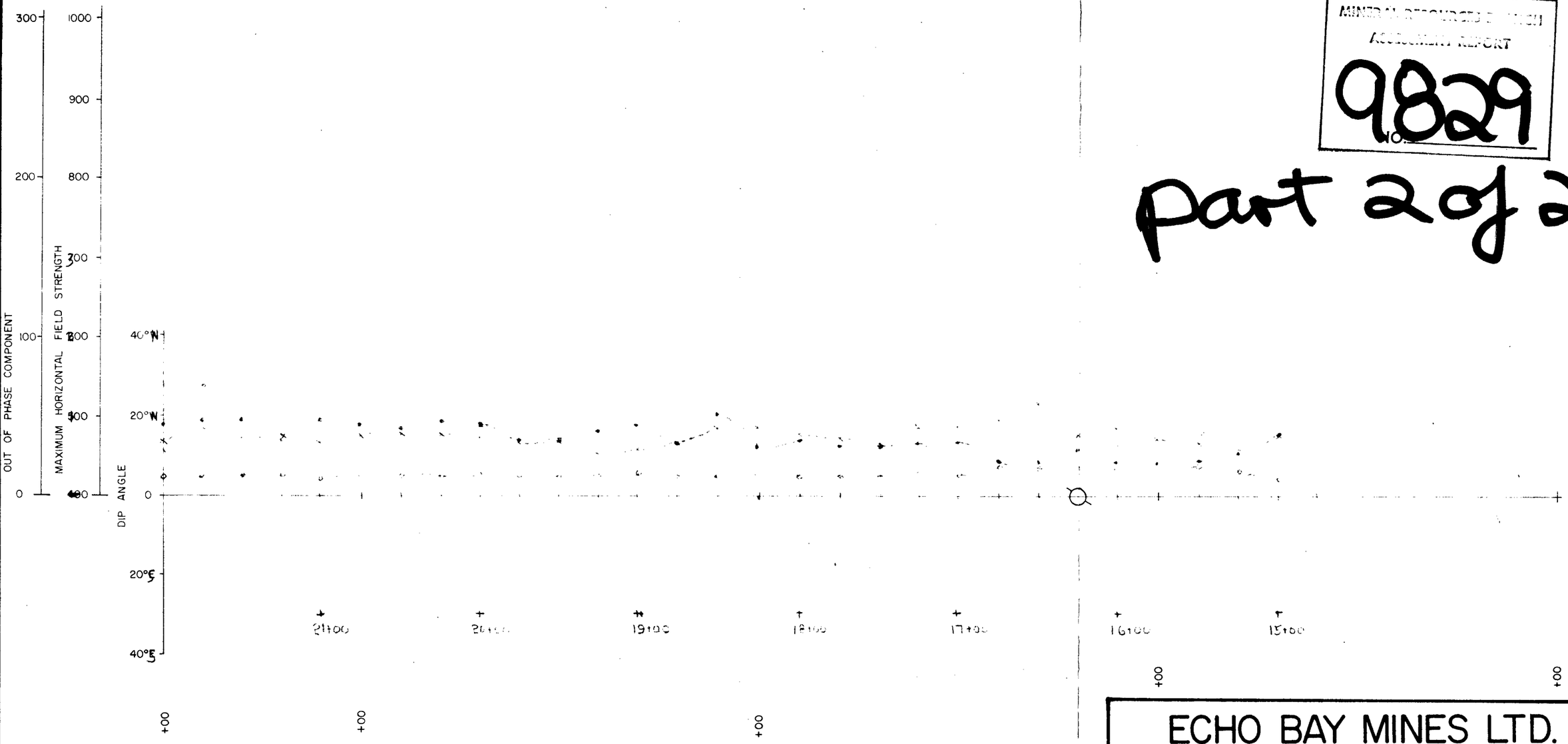
SCALE 1" = 25' 50' 75' 100' 125' METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.5229-7

Part 2 of 2



SYMBOLS

X- - - -X Dip angle

●——● Maximum horizontal field

o- - -o Out of phase signal

ECHO BAY MINES LTD.

GROUND VLF-EM SURVEYS

LINE 34+00S Min 1
Cutler

NTS 82K8

GOLDEN MINING DIVISION, BRITISH COLUMBIA

SCALE 0 25 50 75 100 150 METRES

TRIGG, WOOLLETT CONSULTING LTD.

EDMONTON, ALBERTA

DWG. OEBI-E.M.-5229-8