

COMINCO LTD.

EXPLORATION  
N.T.S.: 82L/6

WESTERN DISTRICT

INDUCED POLARIZATION AND MAGNETICS SURVEY

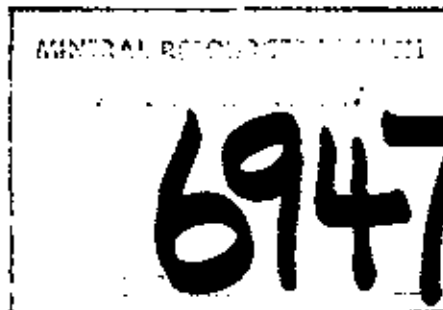
GOODENOUGH PROPERTY

VERNON AREA, B.C.; VERNON MINING DIVISION

Latitude:  $50^{\circ}18'N$ ; Longitude:  $119^{\circ}28'W$

Work Performed: June 22 - July 28, 1978

On Claims: SUPER (18 units)  
NOVA (18 units)



August 1978

Alan Scott

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ATTACHMENTS

Plate 141-78-1	General Location Map
141-78-2	Claim Map
141-78-3	Magnetic data values and contour plan
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II	Cost Statement
III	Certificate

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## INTRODUCTION

The GOODENOUGH property is located on the west side of Okanagan Lake, some 9 km west of Vernon B.C., as indicated on the accompanying location map plate 141-78-1.

During the period July 17-28, 1978, a Cominco geophysical crew completed some 16.6 line kilometers of multiseparation induced polarization surveying over portions of the property. In addition, some 27.3 line kilometers of total field magnetics surveying was done, concurrently with the linecutting, during the period June 22-July 10.

This report describes these geophysical surveys and discusses the results obtained.

## GEOPHYSICAL SURVEYS

### Magnetics Survey

The magnetics survey was done concurrently with chaining and flagging the grid. A Scintrex MP2 proton precession total field magnetometer was used for the survey. Readings were taken at 25 meter intervals. The values have not been corrected for diurnal drift, but checks were made at a main base station, and at sub base stations along the base line, to check on rate changes of the primary magnetic field. Base station ties agreed to within 30 gammas during times the survey was in progress.

### Induced Polarization

G.J. Niemeyer, geophysical technician, was the party chief/receiver operator on the IP survey.

A Scintrex IPR-8 receiver in combination with a Huntac 7.5 KW motor generator/transmitter were deployed on the survey. The equipment measures the chargeability response in the time domain, employing a 2 second current on and 2 second current off alternating polarity square wave signal. The data plotted is the M<sub>232</sub> value and the units are millivolts per volt. To

convert to the more usual millisecond value (such as would be obtained with the IPR-7) the values should be multiplied by 0.7 for a "typical" decay curve. The reader is referred to the Scintrex manual for a more detailed discussion of this instrument.

The pole-dipole electrode array was used on the survey, with an "a" spacing of 50 meters and "n" separation of 1, 2, 3, and 4. Readings were taken at 50 meter intervals on crosslines 200 meters apart.

The chargeability and apparent resistivity data is presented in standard pseudo section form on accompanying plates 141-78-4 to 141-78-13 inclusive.

#### DESCRIPTION OF RESULTS

The strongest IP response on the survey was obtained on line 0 + 00 at station 725W, where a chargeability at  $n = 1$  of 50 millivolts per volt was read. On line 2 + 00S, an  $n = 1$  value of 38 millivolts per volt was read at station 725W. These anomalies lie in a general trend of high chargeability that can be traced from line 6 + 00N; station 950W to line 10 + 00S; station 3 + 50W. There is no magnetic field anomaly coincident with this high chargeability trend.

A subparallel zone of high chargeability lies to the west of this zone, on lines 2 + 00S to 6 + 00N. This anomaly is strongest on line 2 + 00N where it is centered at station 1250W. The reading is strongest at  $n = 4$  (46 mv/V), suggesting either a deep source or that the source material is more concentrated to the side of the line. A weak magnetic high (about 100 gammas above background) is spatially coincident with this anomaly.

A third weak chargeability high was detected on the east end of lines 10 + 00S to 2 + 00S.

A strong magnetic high near the baseline on line 0 + 00, is in part coincident with a moderate chargeability anomaly. This chargeability anomaly peaks at 30 millivolts/volt at 23E on line 0 + 00, and trends as a weak anomaly to line 6 + 00N, station 200W.

CONCLUSIONS

Portions of the GOODENOUGH claims were surveyed with multiseperation time domain IP and with total field magnetics in the summer of 1978.

The strongest chargeability response was obtained at station 725W; line 0 + 00, and at station 1250W; line 2 + 00N.

A geological and/or geochemical evaluation of the property may indicate whether further work to determine the source of these anomalies is justified.

Respectfully submitted:



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Alan Scott,  
Geophysicist

Endorsed by:



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G. Harden  
Manager, Exploration  
Western District

ARS/deb  
28 August 1978

Distribution:

Mining Recorder (2)  
Western District (1)  
Geophysics File (1)

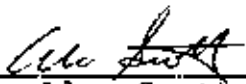
APPENDIX I

IN THE MATTER OF THE B.C. MINERAL ACT  
AND IN THE MATTER OF A GEOPHYSICAL PROGRAMME  
CARRIED OUT ON PORTIONS OF THE SUPER AND NOVA MINERAL CLAIMS  
ON THE GOODENOUGH PROPERTY  
LOCATED 9 KM WEST OF VERNON IN THE VERNON MINING DIVISION  
OF THE PROVINCE OF BRITISH COLUMBIA MORE PARTICULARLY  
N.T.S. 82L/6

S T A T E M E N T

I, ALAN SCOTT OF THE CITY OF VANCOUVER, IN THE PROVINCE  
OF BRITISH COLUMBIA, MAKE OATH AND SAY: -

1. THAT I AM EMPLOYED AS A GEOPHYSICIST BY COMINCO LTD.  
AND, AS SUCH, HAVE A PERSONAL KNOWLEDGE OF THE FACTS  
TO WHICH I HEREINAFTER DEPOSE;
2. THAT ANNEXED HERETO AND MARKED AS "APPENDIX II" TO  
THIS STATEMENT IS A TRUE COPY OF EXPENDITURES  
INCURRED ON GEOPHYSICAL SURVEY ON THE SUPER AND  
NOVA MINERAL CLAIMS;
3. THAT THE SAID EXPENDITURES WERE INCURRED BETWEEN  
THE 22ND OF JUNE AND 28TH OF JULY 1978 FOR THE  
PURPOSE OF MINERAL EXPLORATION OF THE ABOVE NOTED  
CLAIMS.

  
\_\_\_\_\_  
Alan Scott  
Geophysicist

APPENDIX II

GOODENOUGH PROPERTY, SUPER AND NOVA CLAIMS

STATEMENT OF EXPENDITURES

(IP and magnetics survey, linecutting)

SALARIES:

IP Survey

G.J. Niemeyer	July 17-28 12 days @ \$120	\$ 1,440
R. Grant	July 17-28 12 days @ \$ 82	\$ 984
J. Reader	July 17-28 12 days @ \$ 82	\$ 984
B. Lum	July 17-28 12 days @ \$ 82	\$ 984
T. Maurer	July 17-28 12 days @ \$ 82	\$ 984
I. Cummings	July 17-28 12 days @ \$ 82	\$ 984
M. Siefert	July 17-24 8 days @ \$ 82	\$ 656
J.M. Niemeyer	July 25, 26 2 days @ \$ 82	\$ 164
		\$ 7,180.00

Magnetics Survey/Linecutting

M.J. Casselman	June 22,23,25-29 6 days @ \$154.88	\$ 929.28
D. Andrews	June 22,23,25-28, July 1-4, July 6-10 15 days @ \$93.23	\$ 1,398.45
S. Juras	June 24-26, July 1-4, July 6-10 12 days @ \$80.96	\$ 971.52
		\$ 3,299.25

MISCELLANEOUS: (food, lodging, gas,  
consumables)

IP Survey	\$ 2,331.08
Magnetics Survey/linecutting	\$ 830.46

OPERATING CHARGES: (report, drafting, supervision)

IP Survey	\$ 1,925.00
Magnetics Survey	\$ 175.00

EQUIPMENT RENTALS AND CHARGES:

IP Survey	\$ 3,132.00
Magnetics Survey/linecutting	
15 days magnetometer rental @ \$10	\$ 150.00
truck rentals	\$ 426.55
	\$ 576.55

TOTAL:..... \$19,449.34



Alan Scott  
Geophysicist

APPENDIX III

C E R T I F I C A T I O N

I, Alan Scott, of 4013 W. 14th Avenue, in the city of Vancouver, in the Province of British Columbia, do hereby certify that: -

1. I graduated from the University of British Columbia in 1970 with a B.Sc. in Geophysics.
2. I am a member of the Association of Professional Engineers of the Province of Saskatchewan, the Society of Exploration Geophysicists of America, and the British Columbia Geophysical Society.
3. I have been practising my profession for the past eight years.



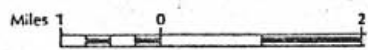
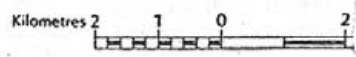
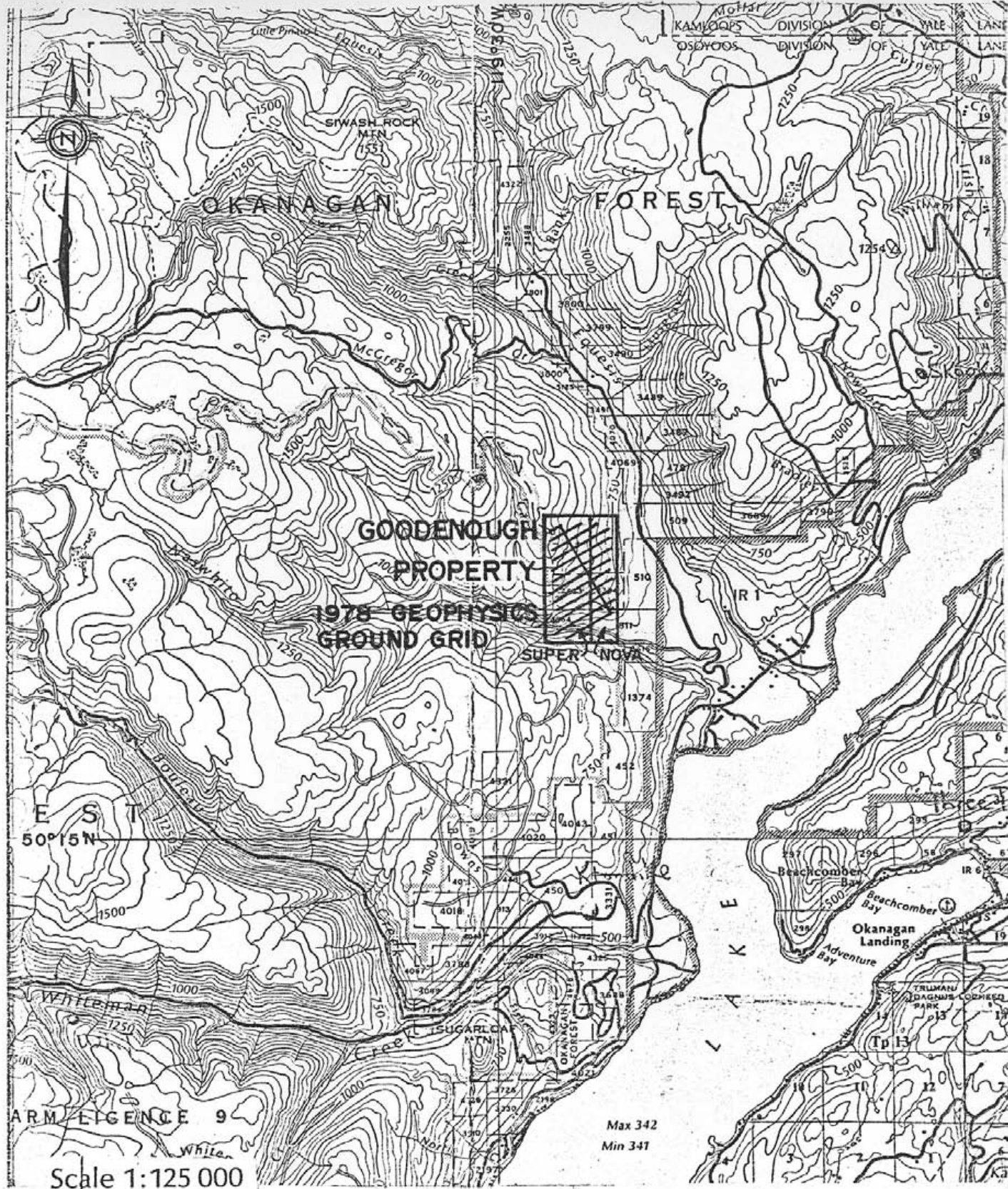
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Alan Scott  
Geophysicist

ARS/deb

29 August 1978





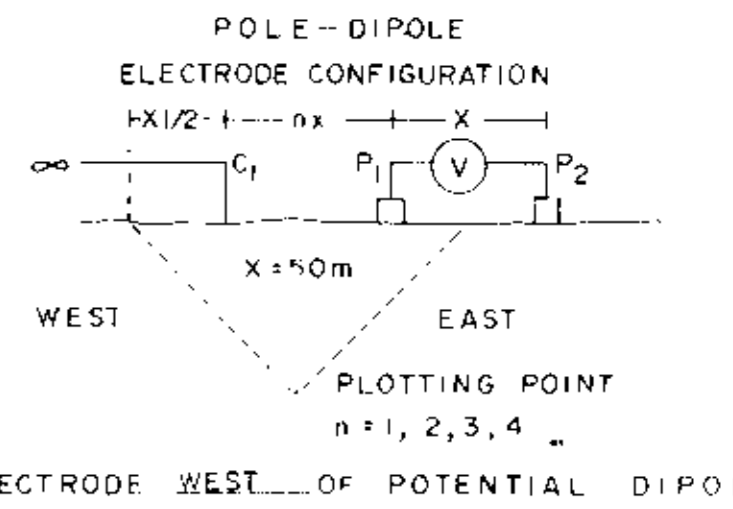
NTS  
 Dominion 82 L 6

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

LOCATION MAP  
 VERNON M.D., B.C.

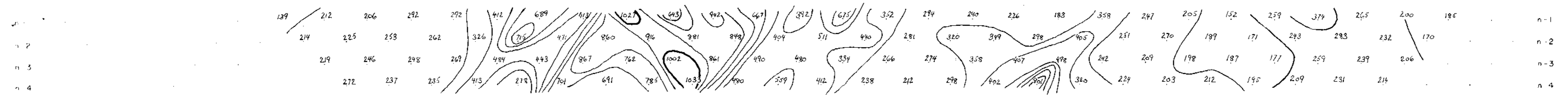
# COMINCO LTD. GOODENOUGH PROPERTY VERNON M.D. B.C.

LINE NO. 10+00S



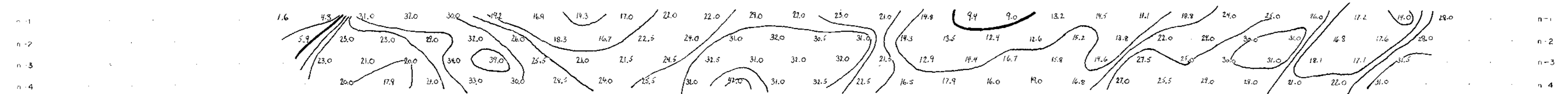
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Apparent Resistivity  $\rho_a$



1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

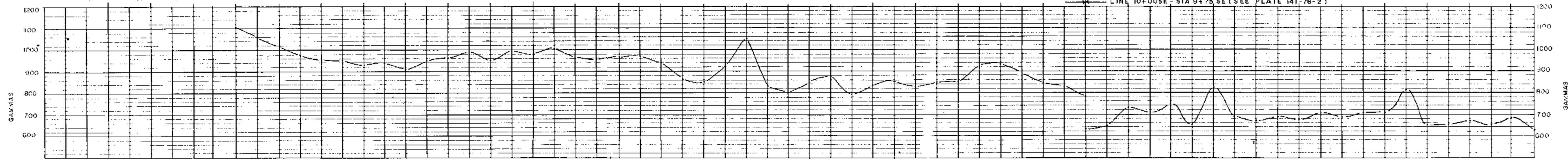
Apparent Chargeability  $M_a$



### MAGNETOMETER SURVEY

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

LINE 10+00SE - STA 9+75 SE (SEE PLATE 141-78-2)



DATE SURVEYED JULY 27, 1978

CONTOUR INTERVALS:  
APP RES 100  $\rho_a$   
APP CHARG - 5.0  $M_a$

APPROVED *at*

MAGNETOMETER BASE  
37,000 GAMMAS

DATE

MAGNETOMETER

7.1

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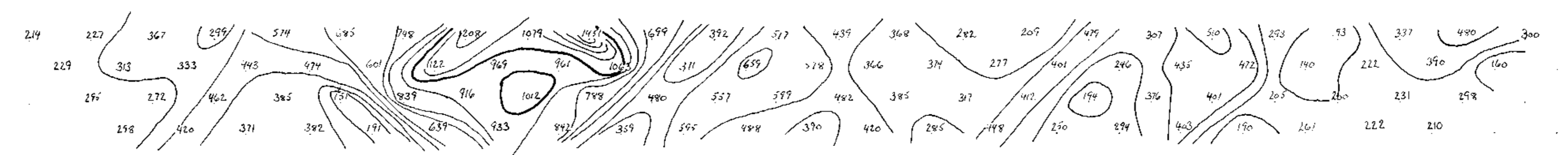
TRANSMITTER - HUNTEC 7.5 Kw  
RECEIVER - IPR 8  
SCINTREX MP II PROTON  
PRECISION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

LINE 10+00S

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

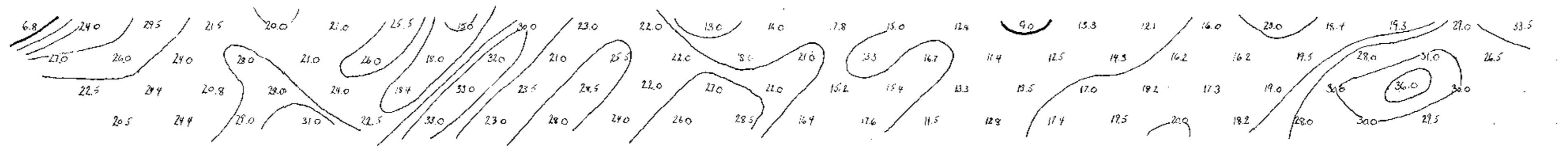
Apparent Resistivity  $\rho_a$



n-1  
n-2  
n-3  
n-4

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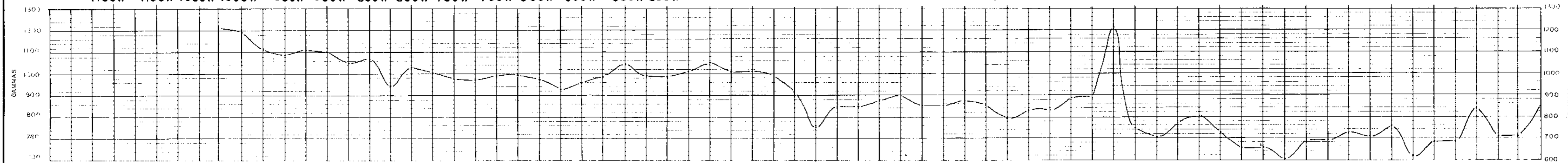
Apparent Chargeability  $M_a$



n-1  
n-2  
n-3  
n-4

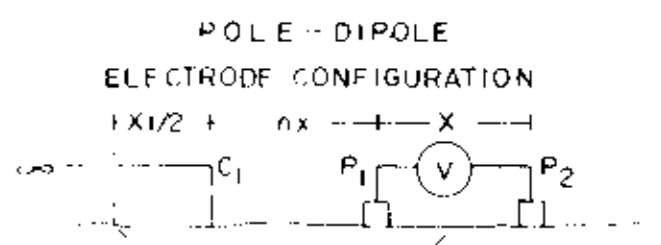
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COMINCO LTD.  
GOODENOUGH PROPERTY  
VERNON M.D. B.C.

LINE NO. 8+00S



WEST EAST  
PLOTING POINT  
n = 1, 2, 3, 4  
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

DATE SURVEYED JULY 27, 1978

APPROVED *[Signature]*

DATE

CONTOUR INTERVALS:  
APP RES 100  $\rho_a$   
APP CHARG 5.0 MV/V  
MAGNETOMETER BASE  
57000 GAMMAS

TRANSMITTER - HUNDEC 7.5 KW  
RECEIVER - IPR 8  
SCINTREX M II PROTON  
PRECISION MAGNETOMETER

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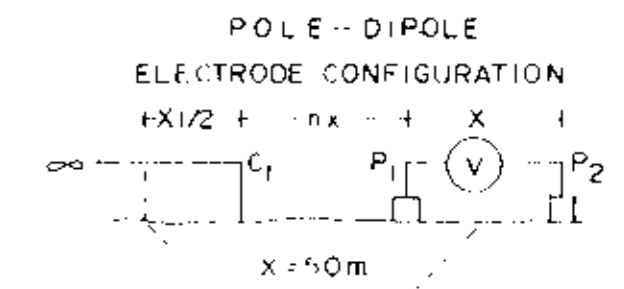
INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

LINE 8+00S



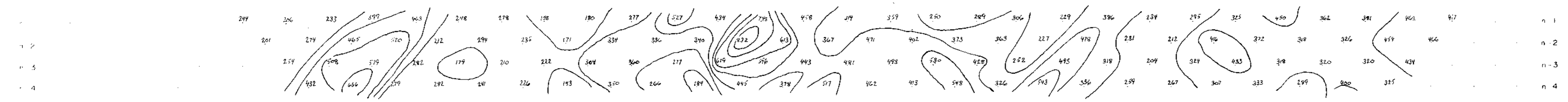
# COMINCO LTD. GOODENOUGH PROPERTY VERNON M.D. B.C.

LINE NO. 6+00S



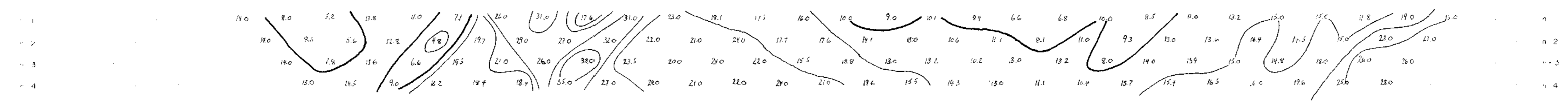
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Apparent Resistivity  $\rho_a$



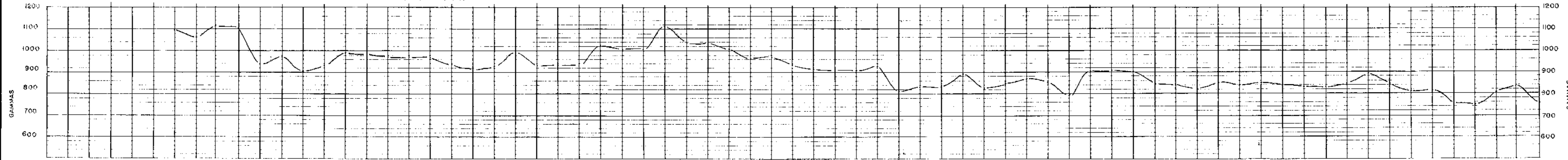
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Apparent Chargeability  $M_a$



### MAGNETOMETER SURVEY

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



DATE SURVEYED JULY 25, 1978

CONTOUR INTERVALS :  
 APP RES 100  $\rho_a$   
 APP CHARG - 5.0  $M_a$   
 MAGNETOMETER RATE  
 37000 GAMMAS

APPROVED [Signature]

TRANSMITTER GENCO 7.5 Kw  
 RECEIVER IPR 5  
 SCINTEX ME II PROTON  
 PRECISION MAGNETOMETER

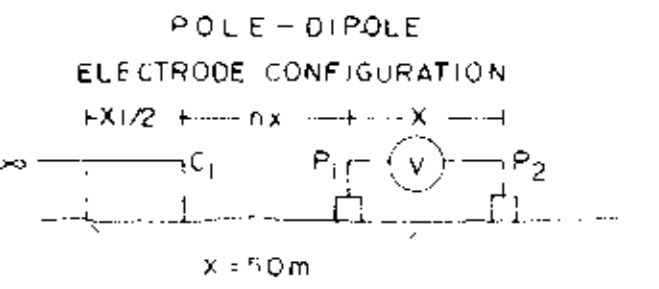
DATE [ ]  
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**6947**

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
 SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

LINE 6+00S

# COMINCO LTD. GOODENOUGH PROPERTY VERNON M.D. B.C.

LINE NO. 4+00S



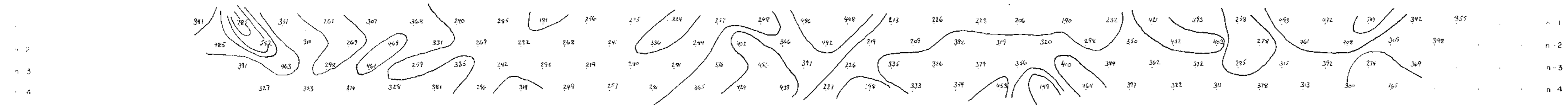
WEST EAST

PLOTTING POINT  
n = 1, 2, 3, 4

CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

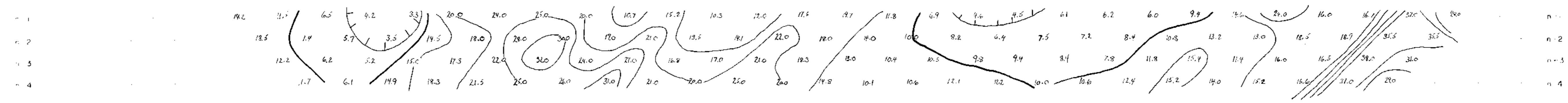
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Apparent Resistivity  $\rho_a$



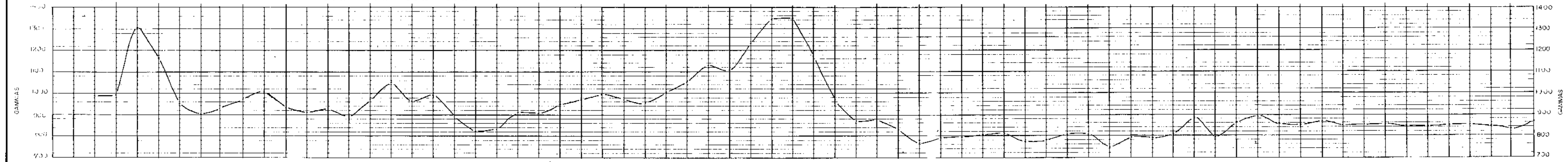
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Apparent Chargeability  $M_a$



### MAGNETOMETER SURVEY

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



DATE SURVEYED JULY 24, 1976

CONTOUR INTERVALS:  
 APP RES 100  $\rho_a$   
 APP CHARG 5.0 MVMV  
 MAGNETOMETER BASE  
 11000 GAMMAS

APPROVED [Signature]

DATE [Stamp]  
**6947**

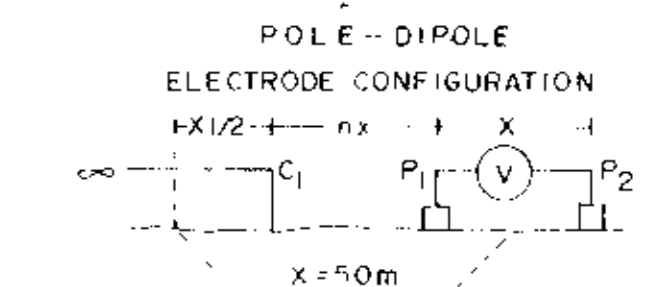
TRANSMITTER - HUNTLC 7.5 Kw  
 RECEIVER - PR 5  
 SOURCE - GIP II FRESTON  
 REVISION - MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
 SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

LINE 4+00S

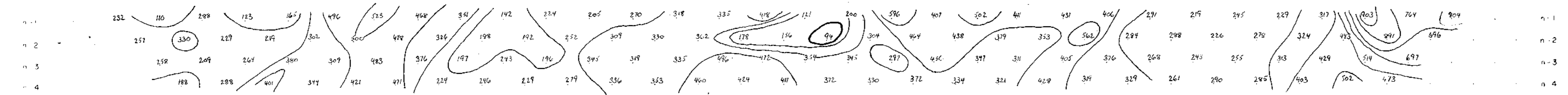
COMINCO LTD.  
GOODENOUGH PROPERTY  
VERNON M.D. B.C.

LINE NO. 2+00S

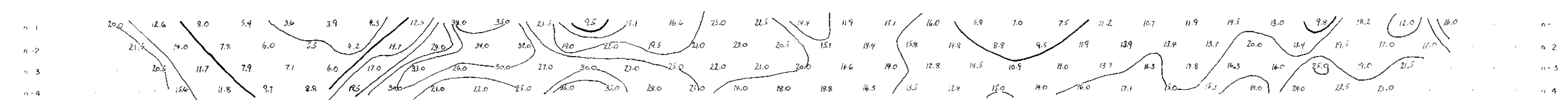


PLOTTING POINT  
n = 1, 2, 3, 4  
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

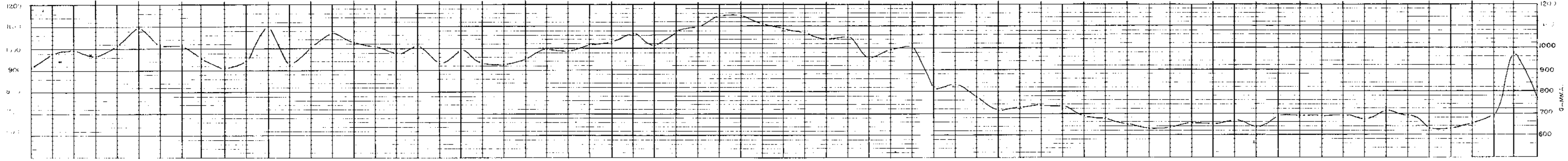


1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



MAGNETOMETER SURVEY

1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



DATE SURVEYED JULY 16, 1978

CONTOUR INTERVALS:  
APP RES 100 Pa  
APP CHARG - 5.0 mV/V  
MAGNETOMETER BASE  
5,000 GAMMAS

TRANSMITTER - HUNT-C 7.5 Kw  
RECEIVER - PR 8  
SCINEX MP II PROTON  
PRECESSION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

APPROVED [Signature]

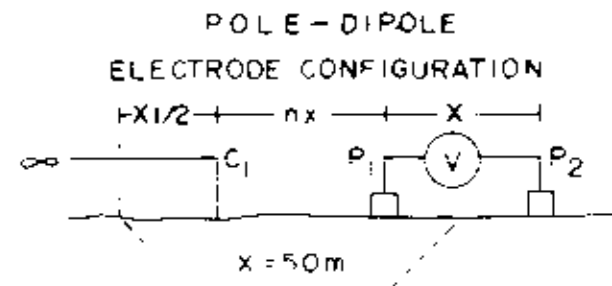
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LINE 2+00S

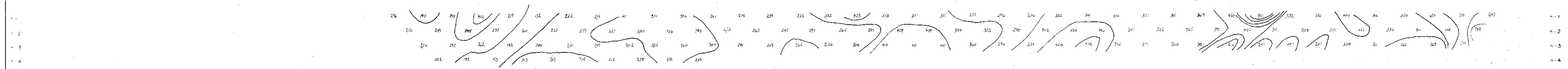
**COMINCO LTD.**  
**GOODENOUGH PROPERTY**  
**VERNON M.D. B.C.**

LINE NO. 0+0

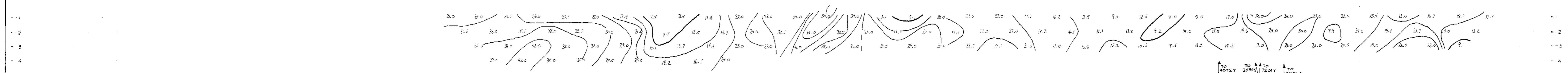


CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

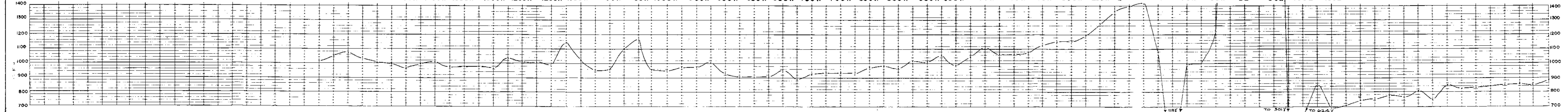


1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



**MAGNETOMETER SURVEY**

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



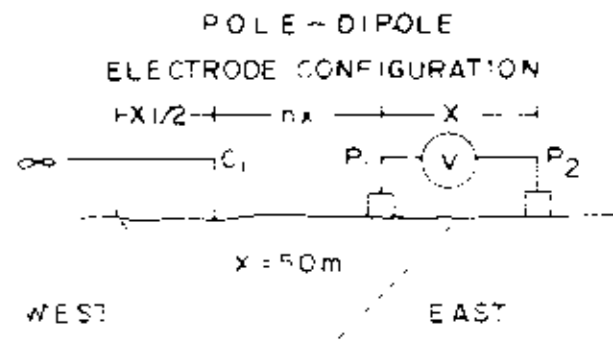
DATE SURVEYED July 12, 1978  
 APPROVED [Signature]  
 DATE [Blank]  
 57,000 GAMMAS  
 TRANSMITTER - INTEC 7.5 KW  
 RECEIVER - PR 5  
 SCINTEX MP II PROTON PRECISION MAGNETOMETER  
 INDUCED POLARIZATION AND RESISTIVITY SURVEY  
 SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

**6947**



**COMINCO LTD.**  
**GOODENOUGH PROPERTY**  
**VERNON M.D. B.C.**

LINE NO. 2+00N



CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

DATE SURVEYED JULY 21, 1978

APPROVED [Signature]

DATE AUGUST 1, 1978

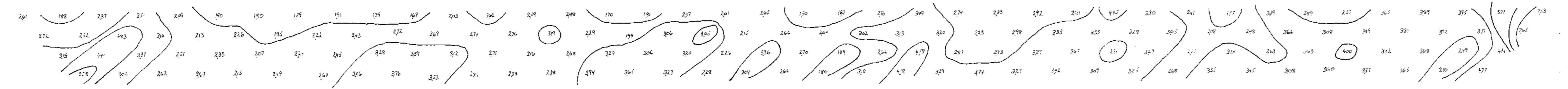
**6947**

CONTOUR INTERVALS:  
 APP. RES. 100  $\rho_a$   
 APP. CHARG. 5.0 MV/V  
 MAGNETOMETER BASE  
 57,000 GAMMAS

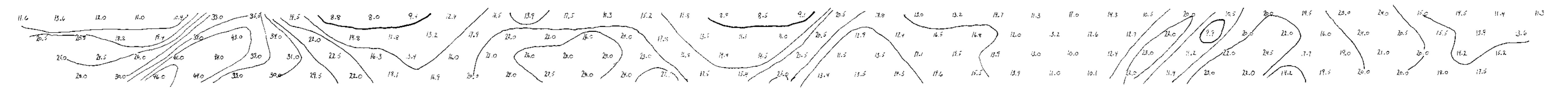
TRANSMITTER - HINDIC 75 KW  
 RECEIVER - PR 8  
 SCITREX MP II PROTON  
 PRESSION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
 SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

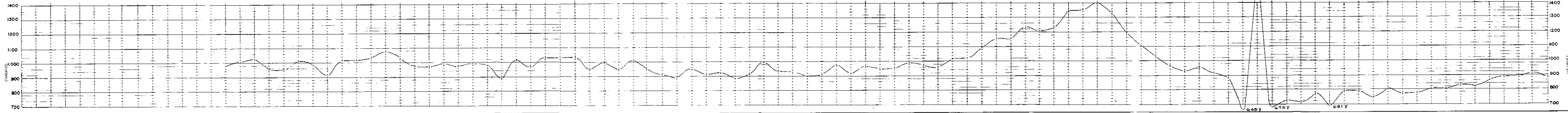


1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



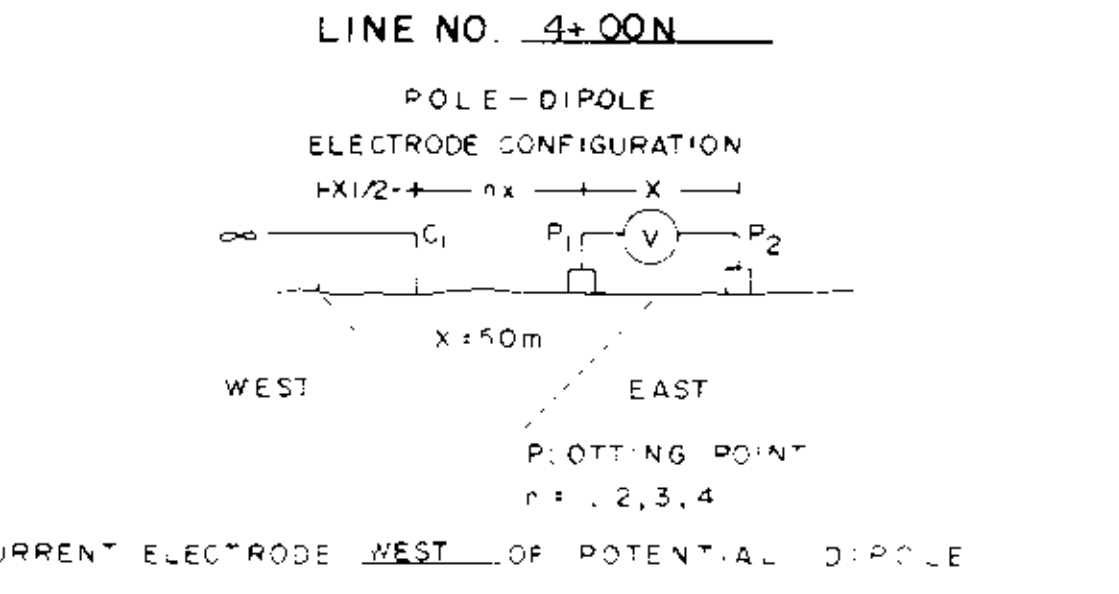
**MAGNETOMETER SURVEY**

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E





COMINCO LTD.  
 GOODENOUGH PROPERTY  
 VERNON M.D. B.C.



DATE SURVEYED July 21 1978

APPROVED [Signature]

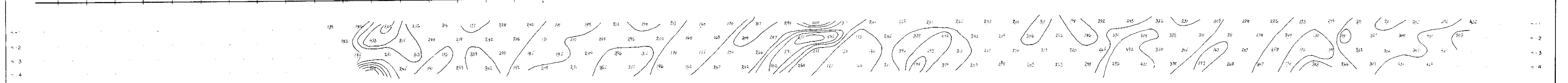
DATE August 10 1978

CONTOUR INTERVALS:  
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 APP. CHARG - 5.0 MV/V  
 MAGNETOMETER BASE  
 12000 GAMMAS

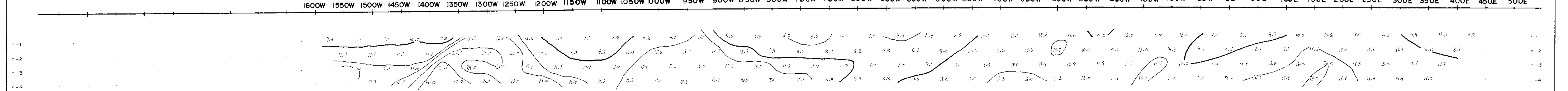
TRANSMITTER - INTRC 75 Kw  
 RECEIVER - PR 8  
 SCINTREX MP - PROTON  
 PRECISION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
 SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

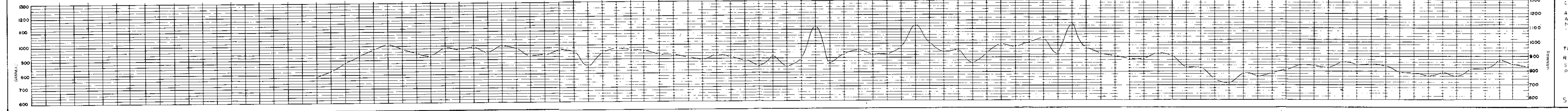


1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



MAGNETOMETER SURVEY

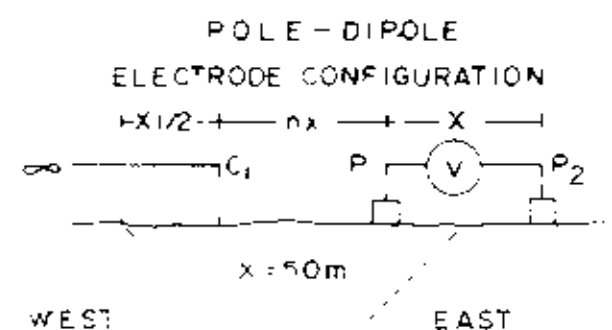
1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



LINE 4+00N

COMINCO LTD.  
GOODENOUGH PROPERTY  
VERNON M.D. B.C.

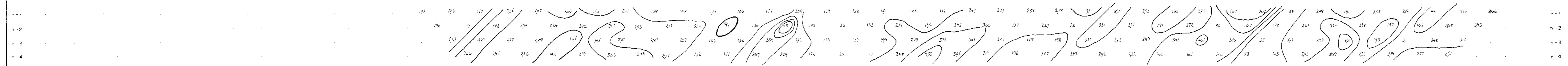
LINE NO. 6+00N



PLOTTING POINT  
REF. 2, 3, 4  
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

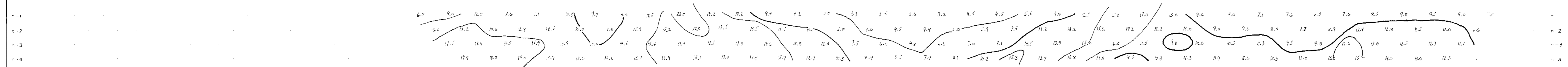
1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

Apparent Resistivity  $\rho_a$



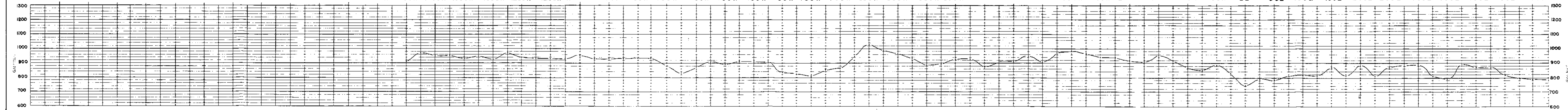
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Apparent Chargeability  $M_a$



MAGNETOMETER SURVEY

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



DATE SURVEYED JULY 22, 1978

APPROVED

DATE

CONTOUR INTERVALS:  
APP. RES. 100 Ω<sub>B</sub>  
APP. CHARG. 5.0 MV/V  
MAGNETOMETER BASE  
57,000 GAMMAS

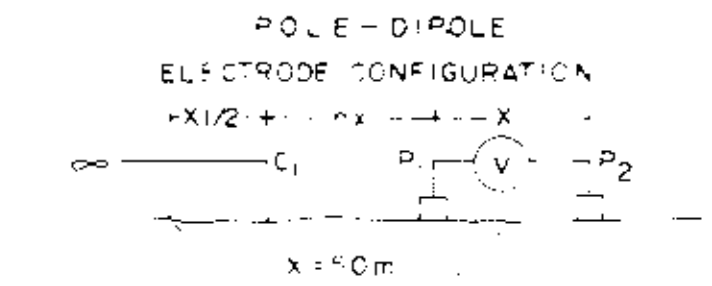
TRANSMITTER - GEONICS ZS Kw  
RECEIVER - PR B  
SENTREX VPII PROTON  
PREFLEXION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

LINE 6+00N

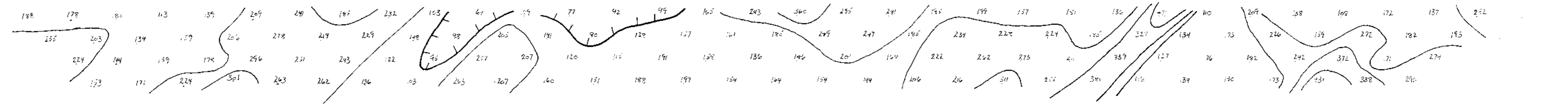
COMINCO LTD.  
GOODENOUGH PROPERTY  
VERNON M.D. B.C.

LINE NO. 8+00N

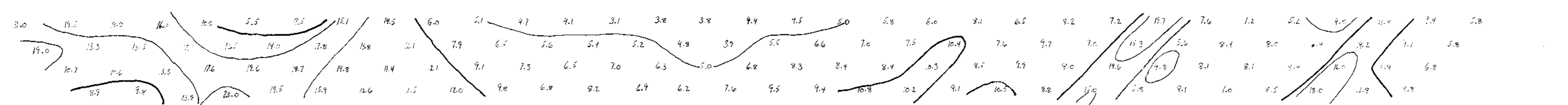


PLOTTING POINT  
1, 2, 3, 4  
CURRENT ELECTRODE WEST OF POTENTIAL DIPOLE

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E

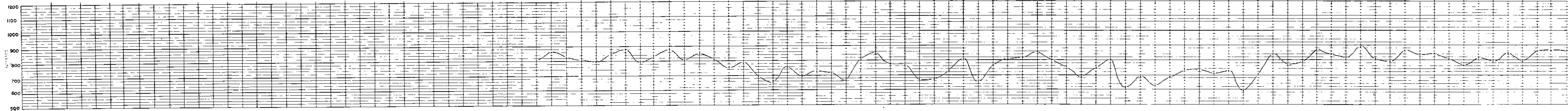


1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



MAGNETOMETER SURVEY

1600W 1550W 1500W 1450W 1400W 1350W 1300W 1250W 1200W 1150W 1100W 1050W 1000W 950W 900W 850W 800W 750W 700W 650W 600W 550W 500W 450W 400W 350W 300W 250W 200W 150W 100W 50W BL 50E 100E 150E 200E 250E 300E 350E 400E 450E 500E



DATE SURVEYED JULY 22, 1978

APPROVED *[Signature]*

DATE *[Stamp]*

CONTOUR INTERVALS:  
APP RES - 100  $\rho_a$   
APP CHARG - 5.0  $M_a$   
MAGNETOMETER BASE  
57,000 GAMMAS

TRANSMITTER - JVC 7.5 Kw  
RECEIVER - MR 5  
SCINTREX MP II PROTON  
PRECESSION MAGNETOMETER

INDUCED POLARIZATION AND RESISTIVITY SURVEY  
SURVEYED BY COMINCO LTD., EXPLORATION DIVISION

6947

LINE 8+00N



SUPER CLAIM  
LEGAL CORNER  
POST

NOVA CLAIM  
LEGAL CORNER  
POST

BASELINE

16+00E

15+00E

14+00E

13+00E

12+00E

11+00E

10+00E

9+00E

LINE 10+00S (57° 9' 15" S)

8+00E

7+00E

6+00E

5+00E

4+00E

3+00E

2+00E

1+00E

BASELINE

1+00W

2+00W

3+00W

4+00W

5+00W

6+00W

7+00W

8+00W

9+00W

10+00W

LINE 12+00N

LINE 10+00N

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LINE 4+00N

LINE 2+00N

LINE 9+00

LINE 2+00S

LINE 4+00S

LINE 6+00S

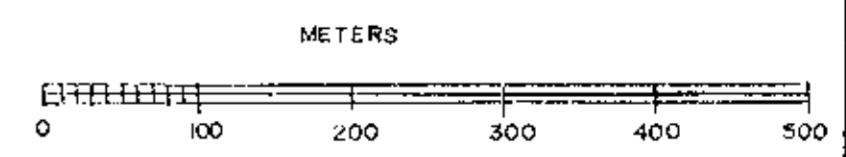
LINE 8+00S

LINE 10+00S

1978 GEOPHYSICS GROUND GRID

APPROXIMATE LOCATION OF CLAIM BOUNDARY

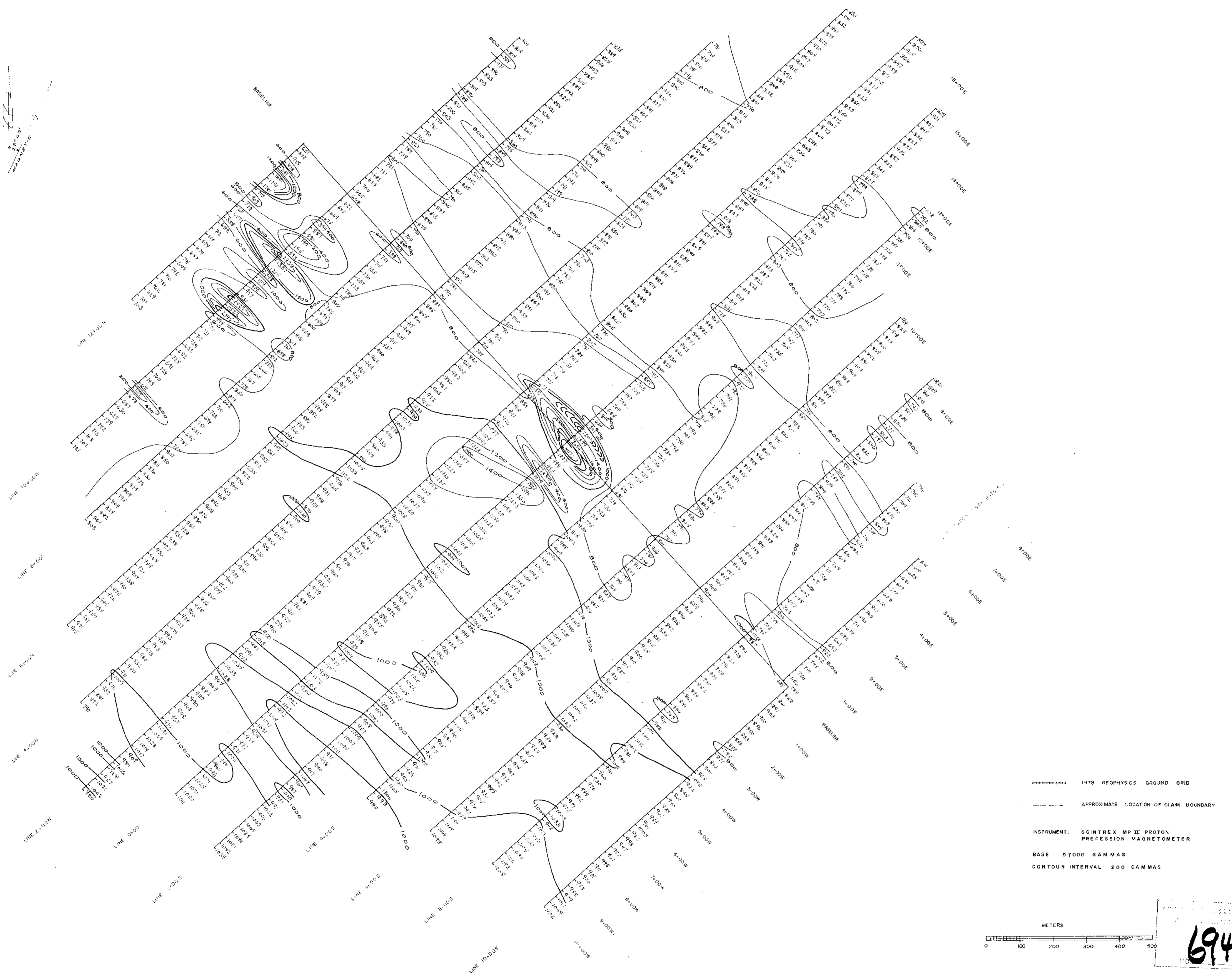
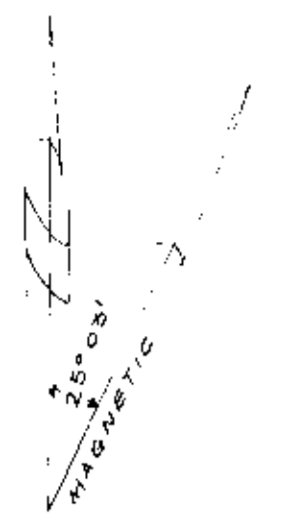
LEGAL CLAIM POST



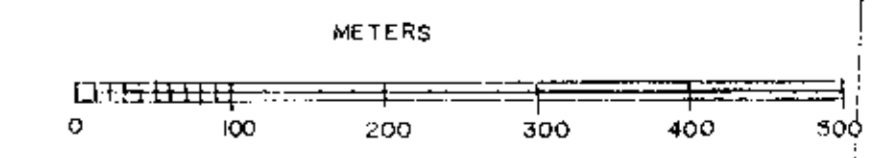
6947

GOODENOUGH PROPERTY		SUPER AND NOVA CLAIMS	
Drawn by	Traced by	CLAIM MAP	
Revised by	Date	VERNON M. D., B. C.	
		Scale 1:5000	Date AUG, 1978
			Plate 41-78-2





1978 GEOPHYSICS GROUND GRID  
 APPROXIMATE LOCATION OF CLAIM BOUNDARY  
 INSTRUMENT: SCINTREX MP II PROTON PRESSION MAGNETOMETER  
 BASE 57000 GAMMAS  
 CONTOUR INTERVAL 200 GAMMAS



6947  
 HO

GOODENOUGH PROPERTY					NTS 82-L-6
Drawn by	Traced by	SUPER AND NOVA CLAIMS MAGNETOMETER SURVEY			
Revised by	Revised by	VERNON M.D., B.C.			
		Scale	Date	Plate	
		1:5000	AUG, 1978	41-78- 3	