INDUCED POLARIZATION SURVEY

THE ALBERTA GOLD CORP.

NORTHLAND GRID

Gauthier Twp.

P.Ontario.

November, 1987

CONTENTS

I- INTRODUCTION

During the fall of 1987, an induced polarization survey was undertaken on the Northland grid of Alberta Gold Corp., in an attempt to outline stratigraphic horizons of disseminated sulfides.

The survey was carried out within the framework of an extensive exploration program implemented to evaluate the gold-bearing potential of this particular area.

II- PROPERTY

The Alberta Gold Corp. property (Northland grid) consists of 11 claims straddling the central-western of Gauthier township, Ontario. The claims covered by the induced polarization survey are numbered as follows:

Northland	Claims
561530	954489 AHP.
561531	917218
561532	917219
561533	919830
561534	919831
561535	

III- LOCATION & ACCESSIBILITY

The Northland grid is found in the central-western part of Gauthier township, approximately one mile southeast of Victoria Lake.

The property is located approximately (8) miles east of the town of Kirkland Lake, Ontario. On highway #66, then one mile north on the Esker Lakes Provincial Park access road.

IV- INDUCED POLARIZATION SURVEY

The dipole-dipole induced polarization survey was carried out over a 400'feets grid line system. The survey consists of 8 lines north-south (L-0 to L- 28W) and 4 lines east-west (TL-33N, BL., TL.14S, TL.23S) for a total of 12 lines (44,000') of survey.

The electrode interval was 200' feets and the voltage readings were taken from n=1 to n=4 at every 200'feets.

The .25 & 4.0 hertz frequencies were used during the survey. A PhoenixI.P.T-1 transmitter and I.P.V-1 receiver was used to Carry out the survey with a generator of 2.0 kw.

V- DATA PRESENTATION

The maps and pseudo-sections of the calculated apparent resistivities (ohm-Feet) and percentages of frequency effect are included in the book attached to this report.

Two sets of maps are included in the report:

1) Surface projection of the interpreted I.P. anomaly zones with resistivity N=4.
2) Contour lines of the frequency effect N=4 projected on surface.

Finally, apparent resistivity, frequency effect and metal factor pseudo-sections are presented in this book.

VI- DISCUSSION & INTERPRETATION

The induced polarization method is mainly used to detect disseminated metallic sulfides. The frequency effect is derived from normalized different of apparent resistivities calculated at two different frequencies. The frequency effect anomaly intensity is related mainly to the total of disseminated sulfide

grains, the percentage of disseminated sulfides in the rock and sulfide grain size.

Numerous complex anomalous patterns have been observed from the obtained data. Examination of the sections reveals 4 anomalous zones.

Anomalous zone #1

Anomalous zone #1 runs from line 0 to line 16W. This conductor is along a fault zone east-west . Line 0 the conductor is narrow with a lower resistivity and a medium F.E. of about 2.0% the low resistivity is probably cause by the fault (24N to 26N). Line 4W is about the same as line 0, on 4W the conductor is situated at about 25N to 28N. Line 8W show a wider zone of F.E. up to 4.0% with a lower resistivity between 24N to 28N good line for a drill test.

Line 12W and 16W very low resistivity down to 30 to 40 ohm-feet and F.E. up to 4.0 - 5.0 %. On both lines good conductivity and very wide zone of F.E.. Lines 12W and 16W are the best lines to drill this conductor #1. On 12W between 26N to 30N and on 16W between 26N to 28N center of the zone at 29N. First priority target.

Anomalous zone #2

Anomalous zone #2 show only on 1 line (line 8W between 17N to 20N) lower resistivity at depth and an increase of F.E. of up to 3.4% n=3 and 4. Second priority target.

Anomalous zone #3

Anomalous zone #3 show on only 1 line (line 16W between 6Nto 8N) in a high resistivity zone with F.E. of about 3,8 to 4.0%. This zone is a third priority target.

Anomalous zone #4

Anomalous zone # 4 from line 0 (8S to 12S) to TL.23S at 4W to 6W. Close to this zone there is a hydro line running north-south. This conductor seems to run north-south. I don't know if this conductor is caused by the hydro line, pipe underground or sulfides. This conductor show a good responses in F.E. up to 4.0% with a lower resistivity. A close look in the field around that area should help explain this conductor.

VII- CONCLUSIONS & RECOMMANDATIONS

Results of the induced polarization survey carried out over the Northland grid indicated 4 important anomalous horizons. The #1 zone appear to be related to specific geological formation such as mineralized fault or shear zones. Zone #4 need to be looked at surface for grounded hydro line or underground track.

Sincerely yours,

Remy Belanger,

Geophysical contractor. Qualification 2.10676

APPENDIX

INDUCED POLARIZATION SURVEY

PREVIOUS EXPLORATION AND DEVELOPMENT WORK

The claim group is part of the Old Northland Gold Mines Ltd. which carried out underground work during 1922 to 1929.

Past work included drilling in 1944 by Kent Lake Gold Mines, some airborne work in 1968 by Satellite Metal Mines Ltd., further ground magnetics in 1983 by Jackson.

The most recent work has been an extensive program of geology - geophysics, geochem and diamond drilling by Perrons completed from 1982 to 1987. See Regional Geologists files in Kirkland Lake #KL-2234.

STATEMENT OF QUALIFICATIONS, DATE OF COMPLETION

This survey was performed under the direct supervision of Remy Belanger who has been working in his field for years as a professional consultant. These reports have been accepted by the Assessment Office in the past and while no certificate of record is available for this report, I trust it will be as acceptable as others have been in the past. The report was completed on November 10, 1987.

I trust this is the required information required to correspond with the report of work filed concerning the above noted township.

Yours truly,

PERRONS

Mary Mahood-Greer

Mary Mahood-Greer Qual.
MMG/p 2 4529

C E R T I F I C A T E

I, Mary Mahood-Greer, of Kirkland Lake, Ontario, do hereby certify:

1) That I am a Geophysical Technician and reside at:
50 Dixon Avenue, Kirkland Lake, Ontario P2N 3L1

2) That I graduated from Sir Sandford Fleming College at Lindsay, Ontario, in 1978, with a diploma as a Geological Technician.

3) That I have been continuously engaged in my profession for the past ten (10) years and I am qualified to write this report.

4) That I did not participate in this survey.

July 18, 1991
Date

Mary Mahood-Greer
Mary Mahood-Greer
Geophysical Technician

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-O 2N

211 352 467 662 1286 1320 3821 8475 5959 6202 5362 1993
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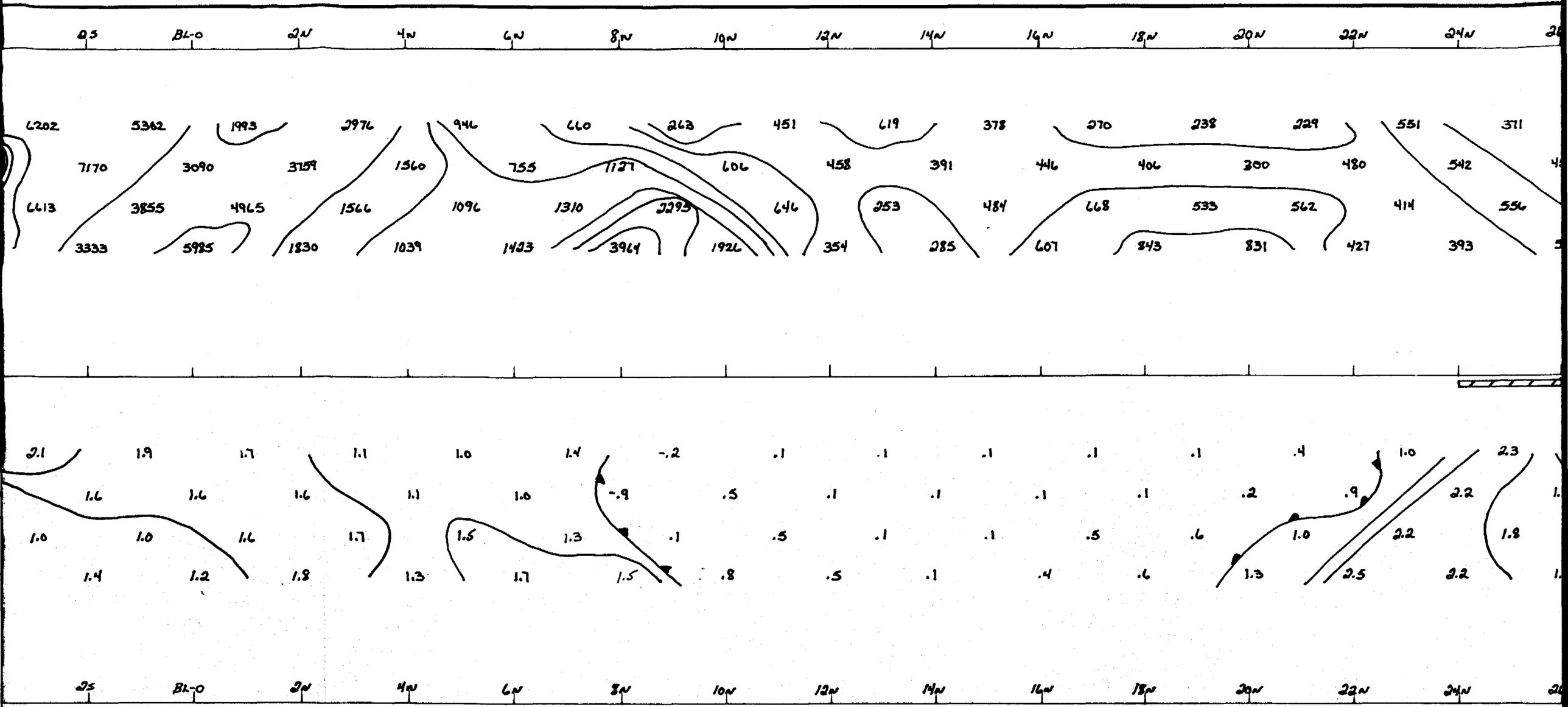
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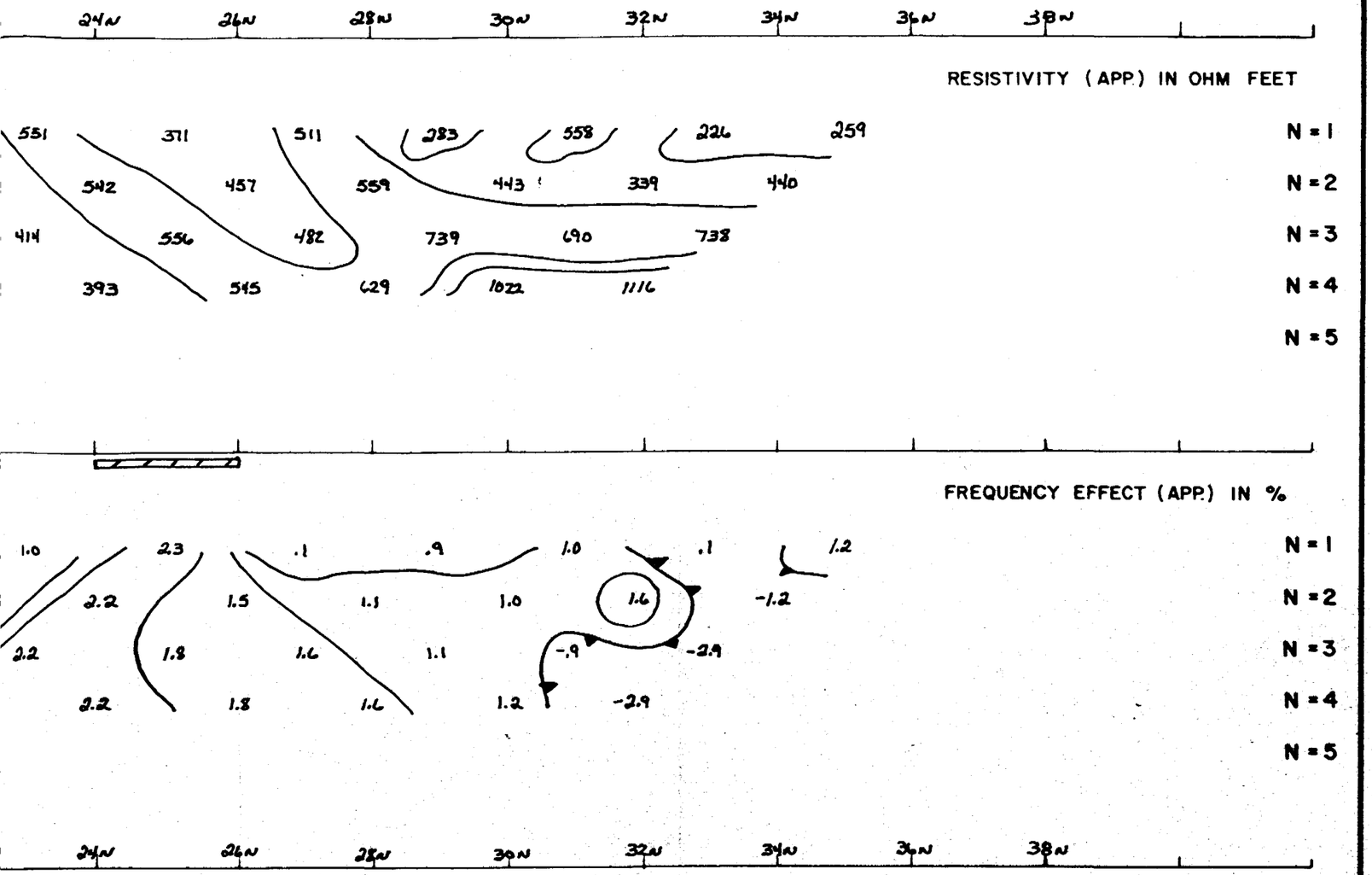


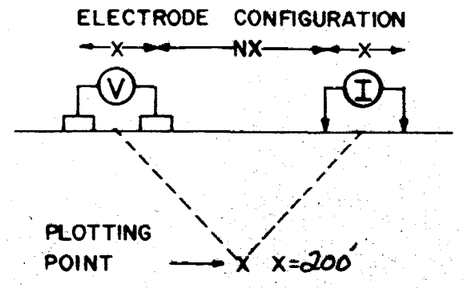
COMPANY: THE ALBERTA GOLD CORP

PROPERTY: NORTHLAND

MATHESON - ONTARIO

LINE NO.- 0

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE ////

FREQUENCIES: .25 & 4.0 Hz

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct-15-18-1987

APPROVED: Remy Belanger

OPERATOR: PIERRE FAUBERT
JEAN-GUY DUBÉ

DATE: oct. 27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24·S 22·S 20·S 18·S 16·S 14·S 12·S 10·S 8·S 6·S 4·S 2·S

205 203 230 239 414 326 977 1428 1546 1482 1428
370 294 233 535 515 691 1046 2189 2012 2651
428 275 450 529 967 744 1616 2652 3148 3415
370 490 411 963 1037 937 1785 4032 3766

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2.3 2.4 2.1 3.7 3.2 2.6 2.5 1.3 1.8 1.7
3.5 1.8 3.7 3.2 1.6 2.9 1.8 1.6 1.5

24·S 22·S 20·S 18·S 16·S 14·S 12·S 10·S 8·S 6·S 4·S 2·S

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3.8 5.1 9.9 .3 6.4 3.8 1.6 .5 .1 .9
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1.8 1.6 1.5 1.6 2.0 .7 1.1 -3.0 1.2 1.3 1.2 .3 -7.0 1.5 2.1 2.0 1.7

6-S 4-S 2-S B.L.O 2-N 4-N 6-N 8-N 10-N 12-N 14-N 16-N 18-N 20-N 22-N 24-N

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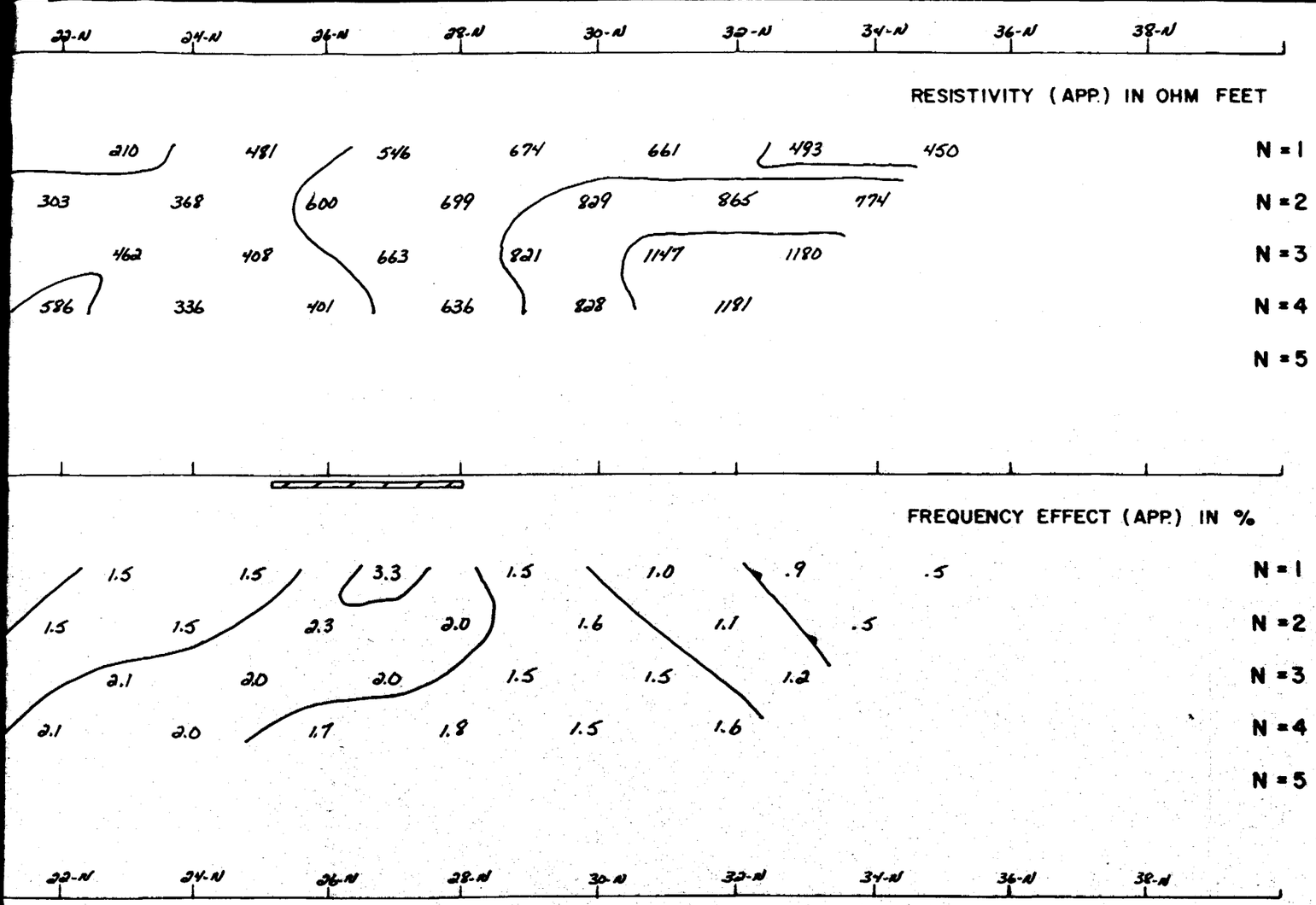


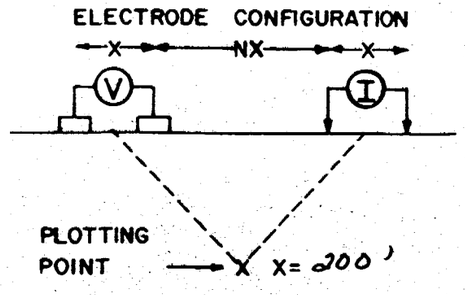
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON - ONT.

LINE NO.— 4- W

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: 25 & 4.0 HZ

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct - 15- 18- 1987

APPROVED: Remy Belanger

OPERATOR: JEAN-GUY DUBÉ
PIERRE FAUBERT.

DATE: oct. 27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-0 2N

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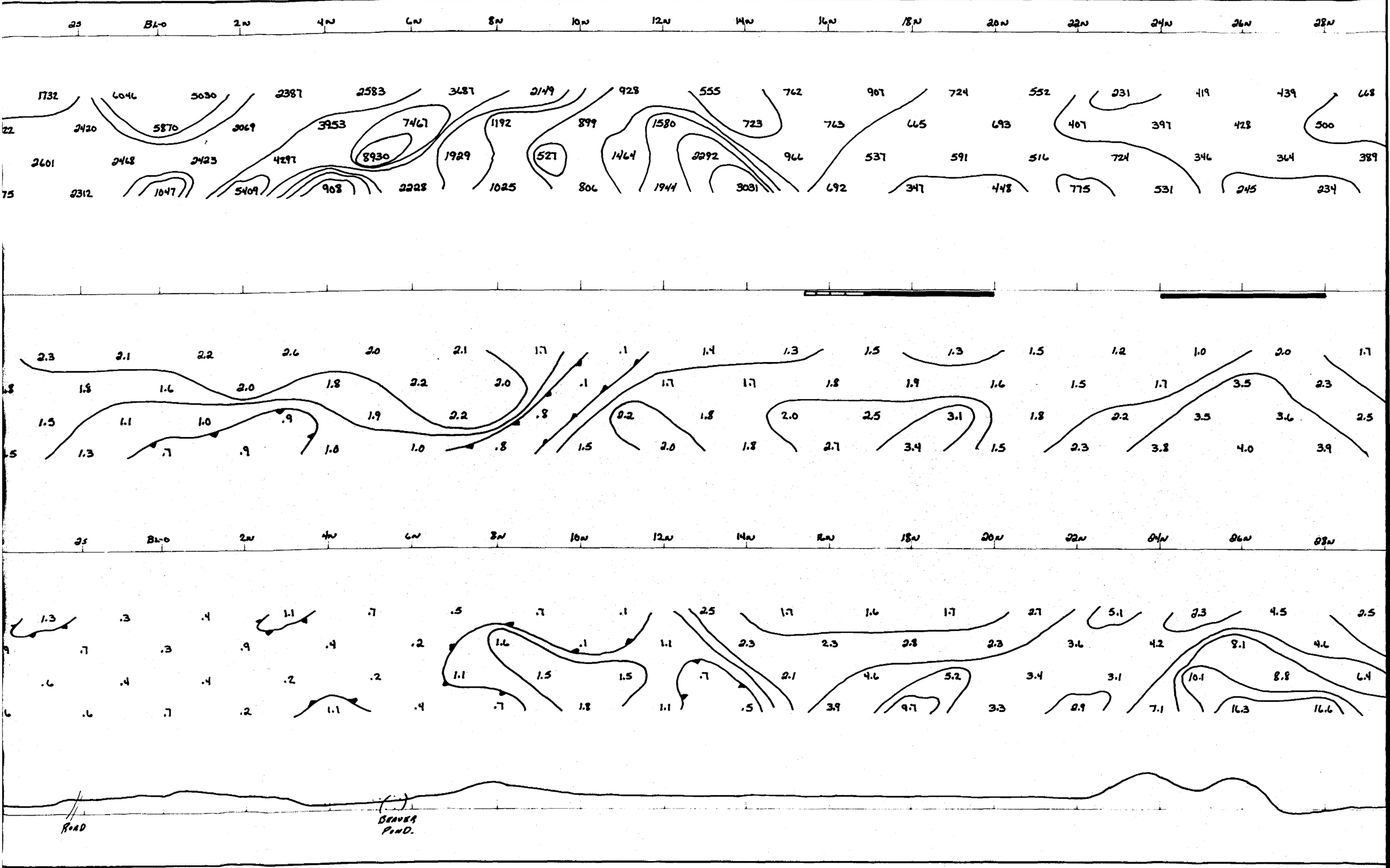
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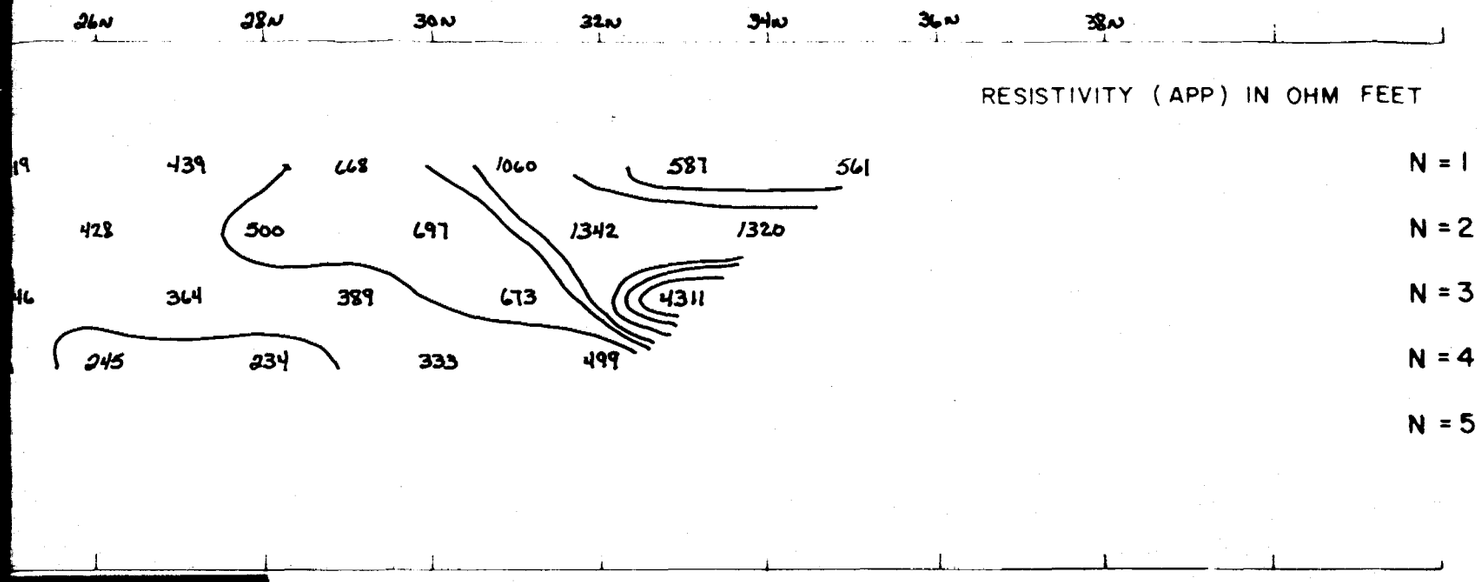
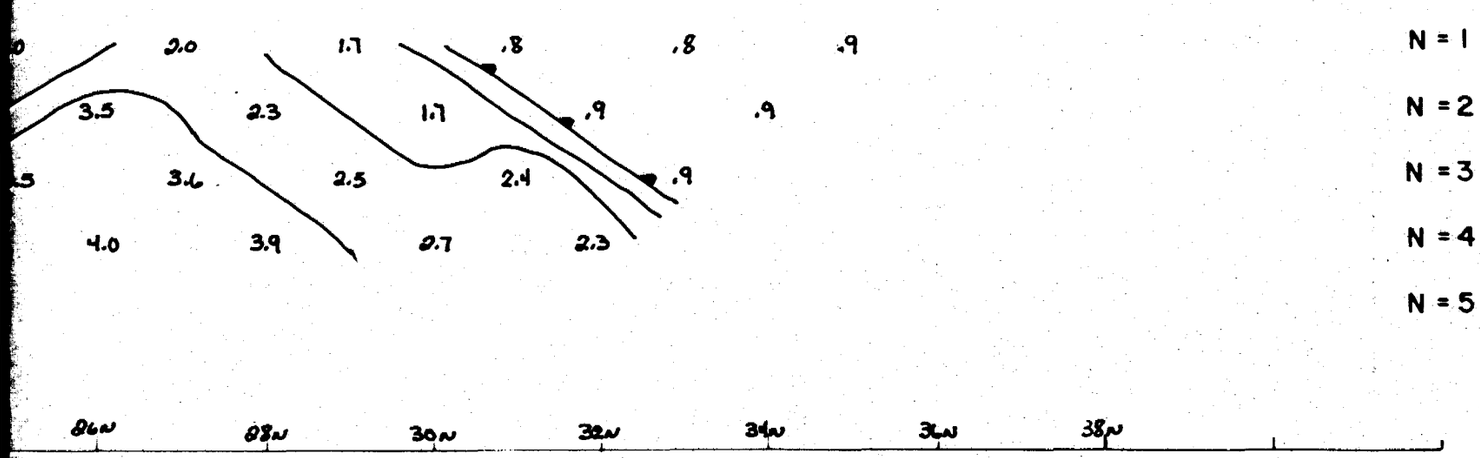
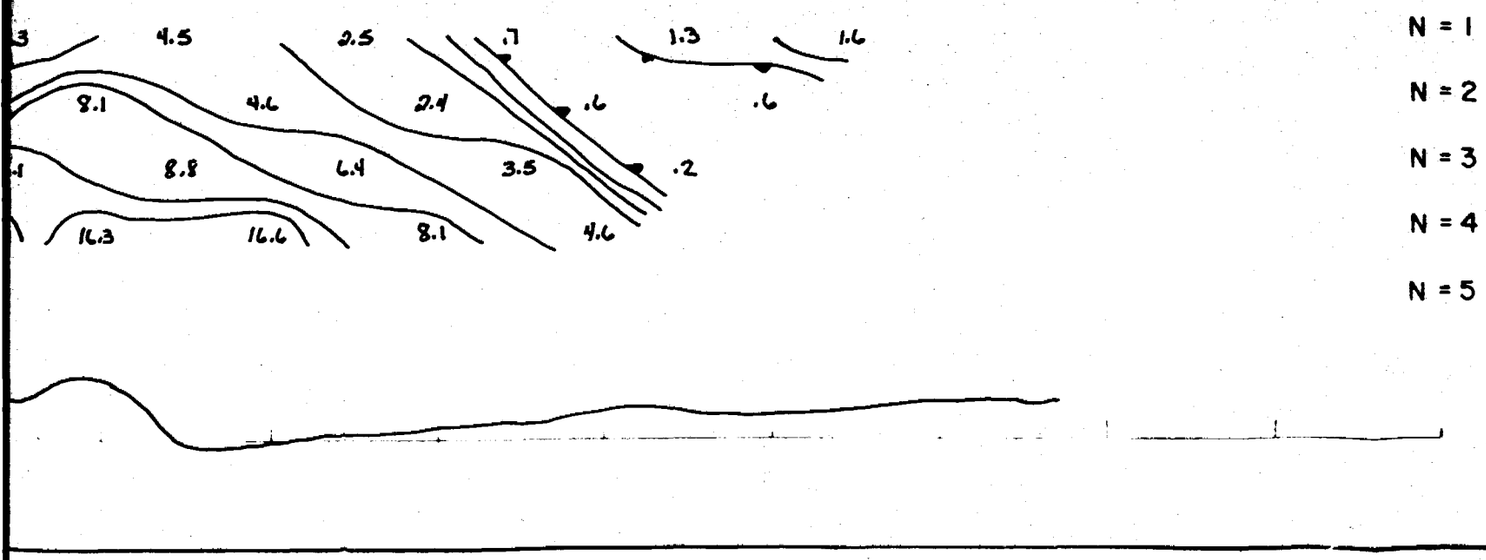






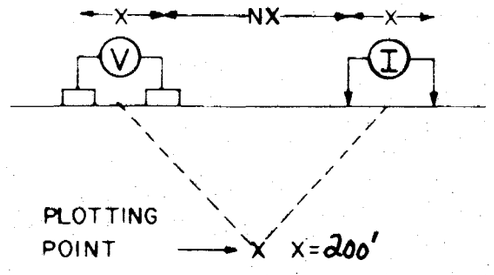
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON ONT.

LINE NO – 8-W-

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 # 4.0 HZ

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2, 3, 5, 7.5, 10 0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED

OCT-15-18-1987

APPROVED

Remy Belanger

OPERATOR PIERRE, FAUBERT
JEAN-GUY DUBÉ

DATE oct-26-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

245 225 205 185 165 145 125 105 85 65 45 25 BL.0

450 504 417 311 316 293 453 560 893 2040 2509 5047
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245 225 205 185 165 145 125 105 85 65 45 25 BL.0

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FLAT

BL.D.

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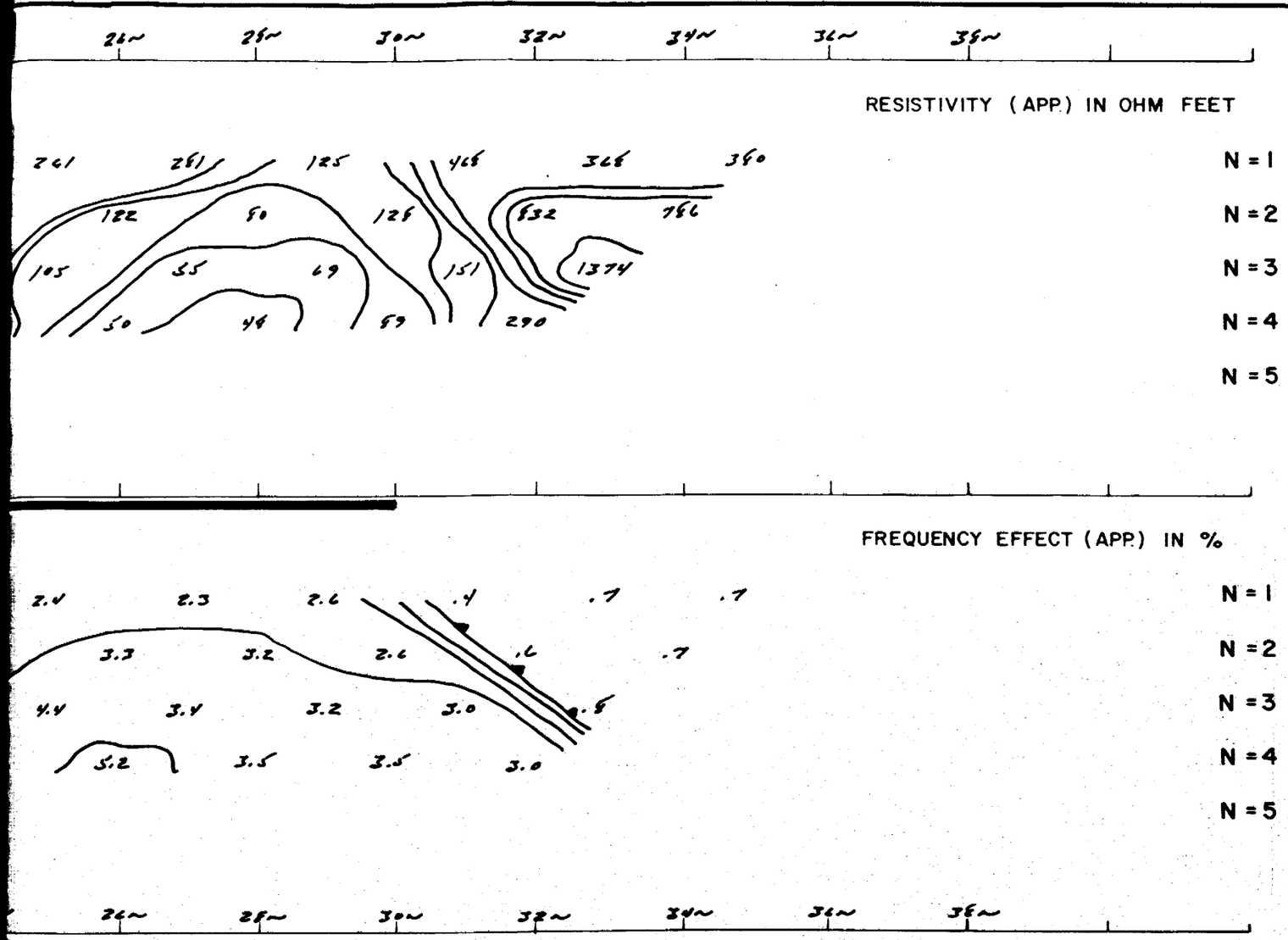
BL.0 2N 4N 6N 8N 10N 12N 14N 16N 18N 20N 22N 24N 26N 28N 30N

.3 1.0 1.3 1.4 .6 .6 2.1 2.6 1.0 1.3 1.7 4.1 9.2 6.2 20.6 .9
.7 .5 .4 .7 1.5 .9 .8 1.4 1.7 1.1 1.0 2.9 12.4 27.0 40.0 20.3
.7 .9 .2 .3 .9 2.9 .7 .7 1.3 1.3 1.1 2.7 4.5 41.9 61.9 46.4 19.9
.9 .4 .2 .4 1.7 2.2 .5 .7 1.3 2.0 2.0 5.7 24.2 104.0 72.9 37.3

BND.



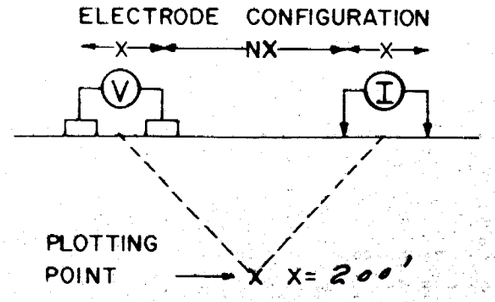
COMPANY: THE ALBARTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON ONT.

LINE NO.- 12-W

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 2.0 Hz.

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct-14-15-1987

APPROVED: Remy Belanger

OPERATOR: PIERRE FAUBERT JEAN GUY DUBÉ.

DATE: oct. 26-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24.5 22.5 20.5 18.5 16.5 14.5 12.5 10.5 8.5 6.5 4.5 2.5 18+1.0

1553 2045 1260 689 564 522 608 644 825 1010 1229 1862
1076 1646 1555 893 744 993 923 1124 1687 2164 2849
764 1664 1775 1092 1200 1311 1283 1844 3185 3978 3230
734 1789 2078 1705 1675 1702 2003 3185 5188 3854

2.2 2.0 1.4 1.1 1.0 .7 .9 1.5 1.1 2.0 2.0 2.5
2.1 1.6 1.2 1.1 .7 .9 1.3 1.7 1.3 2.0 2.2 2.0
1.5 1.4 1.2 .8 1.0 1.0 1.6 1.7 1.9 2.2 1.8
1.4 1.3 .8 1.0 1.0 2.4 1.5 1.6 2.5 1.5 1.9

24.5 22.5 20.5 18.5 16.5 14.5 12.5 10.5 8.5 6.5 4.5 2.5 18+1.0

1.4 1.0 1.1 1.6 1.8 1.3 1.5 2.3 1.3 2.0 1.6 1.3
2.0 1.0 .8 1.2 .9 .9 1.4 1.5 .8 .9 .8 .7
2.0 .8 .7 .7 .8 .8 1.2 .9 .6 .6 .6
1.9 .7 .4 .6 .6 1.4 .7 .5 .5 .4 .6

ROAD.

2.S 18-L-0 2.N 4.N 6.N 8.N 10.N 12.N 14.N 16.N 18.N 20.N 22.N 24.N 26.N

1229 1862 1965 1208 1653 2425

2164 2849 2772 2209 3635 2719

3978 3230 2913 6099 5641

5188 3854 3415 6871 7823

353

2.0 2.5 1.2 2.4 2.1 1.4

2.0 2.2 2.0 1.3 3.8 4.0

2.2 1.8 1.5 1.3 3.1

2.5 1.5 1.9 3.0 2.0

.4

2.S 18-L-0 2.N 4.N 6.N 8.N 10.N 12.N 14.N 16.N 18.N 20.N 22.N 24.N 26.N

1.6 1.3 .6 2.0 1.3 .6

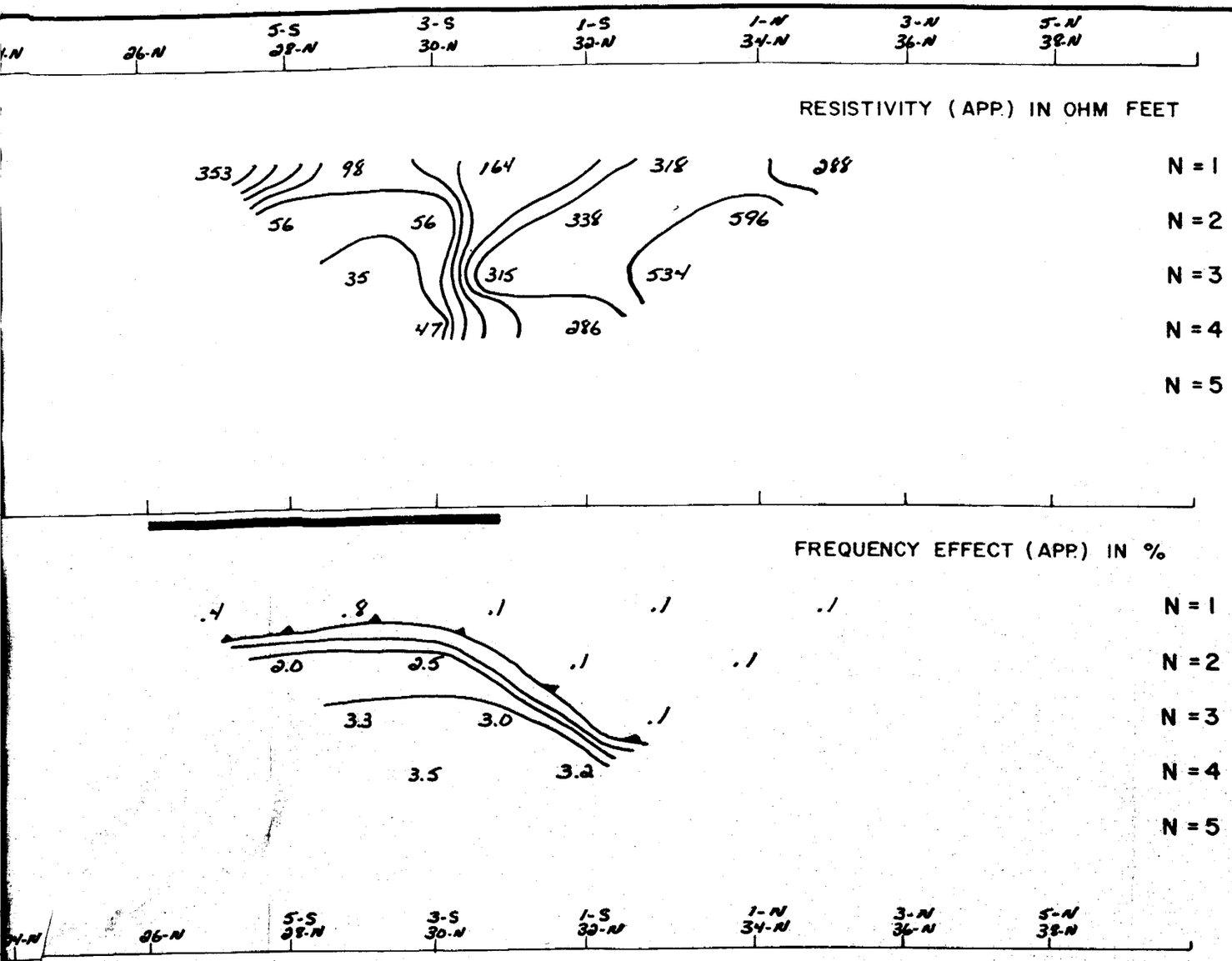
.9 .8 .7 .6 1.0 1.5

.6 .6 .5 .2 .6

.5 .4 .6 .4 .3

1.1

ROAD. ROAD.



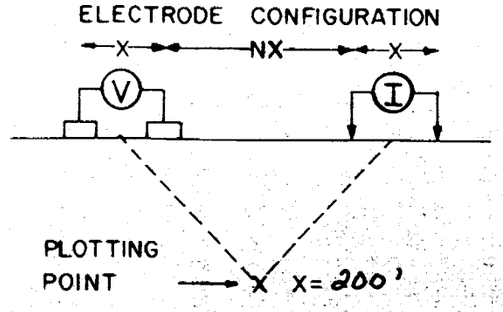
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON - ONT.

LINE NO.— 16- W

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 HZ

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct-14-18-19- 1987

APPROVED: Remy Bélanger

OPERATOR: LÉRN. Guy DUBÉ

DATE: Oct. 26-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-0 2N

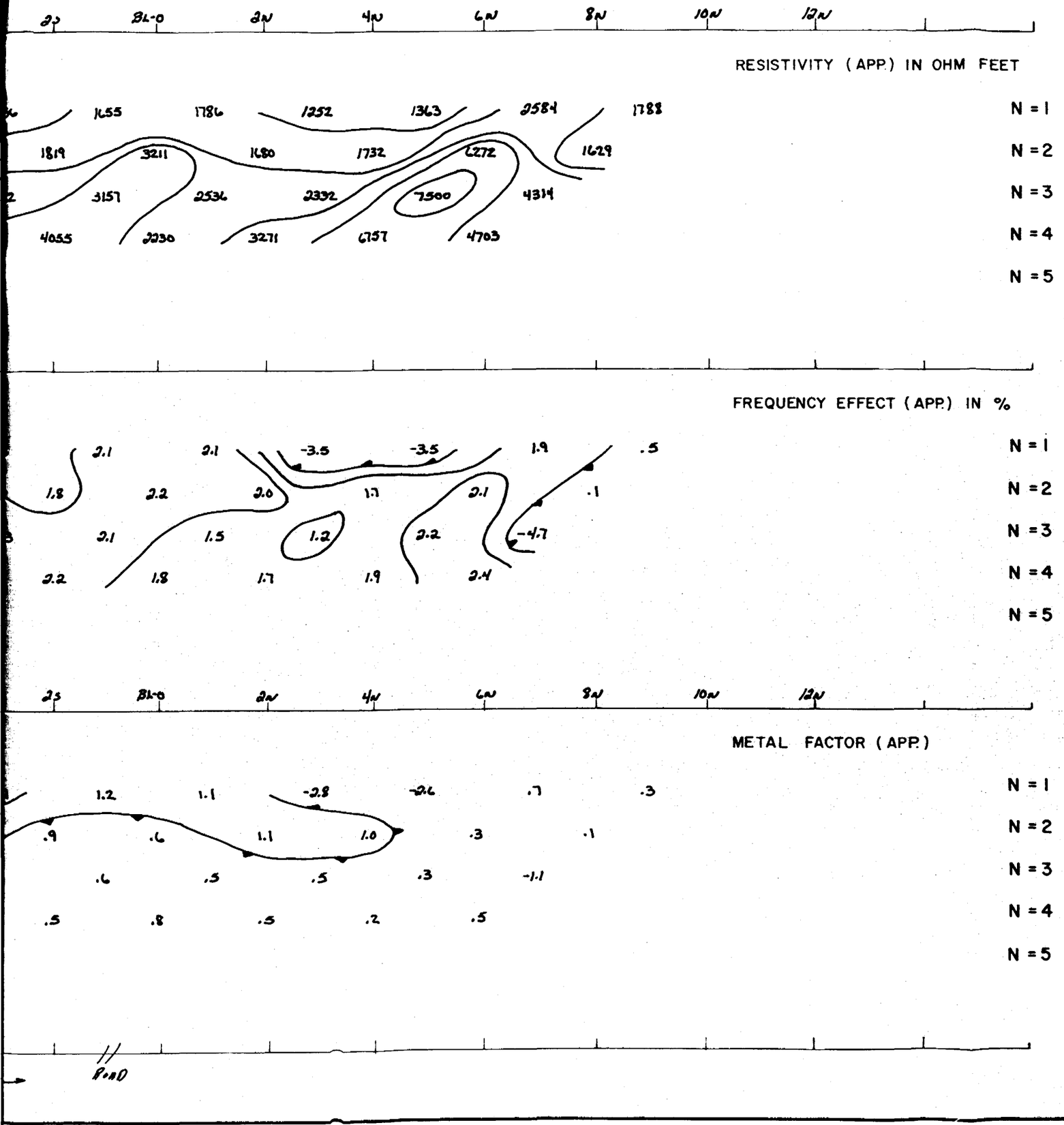
932 1232 972 740 635 926 1208 1333 1226 1056 1155 1786 1252
1518 1496 1800 1462 1466 1362 1396 1845 1560 1819 3211 1680
1563 2236 2566 2727 1848 1316 1850 2367 2382 3157 2536 2332
2126 3075 4550 3022 1560 1713 1883 3440 4055 2230 3271

.1 1.3 1.2 1.4 .1 1.8 1.4 1.7 2.1 1.8 2.1 2.1 -3.5
.1 1.2 1.6 .9 1.5 1.0 1.7 2.1 2.0 1.8 2.2 2.0
.1 1.6 1.0 1.7 1.3 1.7 1.6 2.0 2.3 2.1 1.5 1.2
1.6 1.2 2.2 1.4 1.4 1.7 2.1 2.5 2.2 1.8 1.7

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-0 2N

.1 1.1 1.2 1.8 .1 1.9 1.1 1.2 1.7 1.7 1.2 1.1 -2.8
.1 .6 .8 .2 1.1 .7 1.2 1.1 1.2 .9 .6 1.1
.1 .7 .3 .6 .7 1.2 .8 .8 .9 .6 .5 .5
.6 .4 .4 .4 .8 .9 1.1 .7 .5 .8 .5

← FLAT →



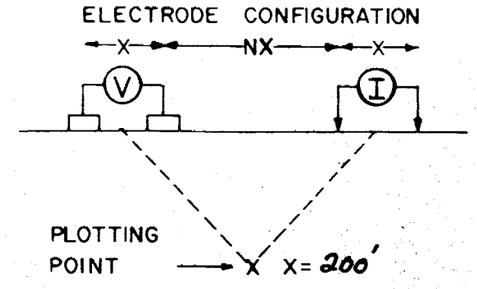
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON ONT.

LINE NO.— 20-W-

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 Hz

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: OCT-15-19-1987

APPROVED: Remy Belanger

OPERATOR: JEAN-GUY DUBÉ

DATE: Oct. 27

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-0

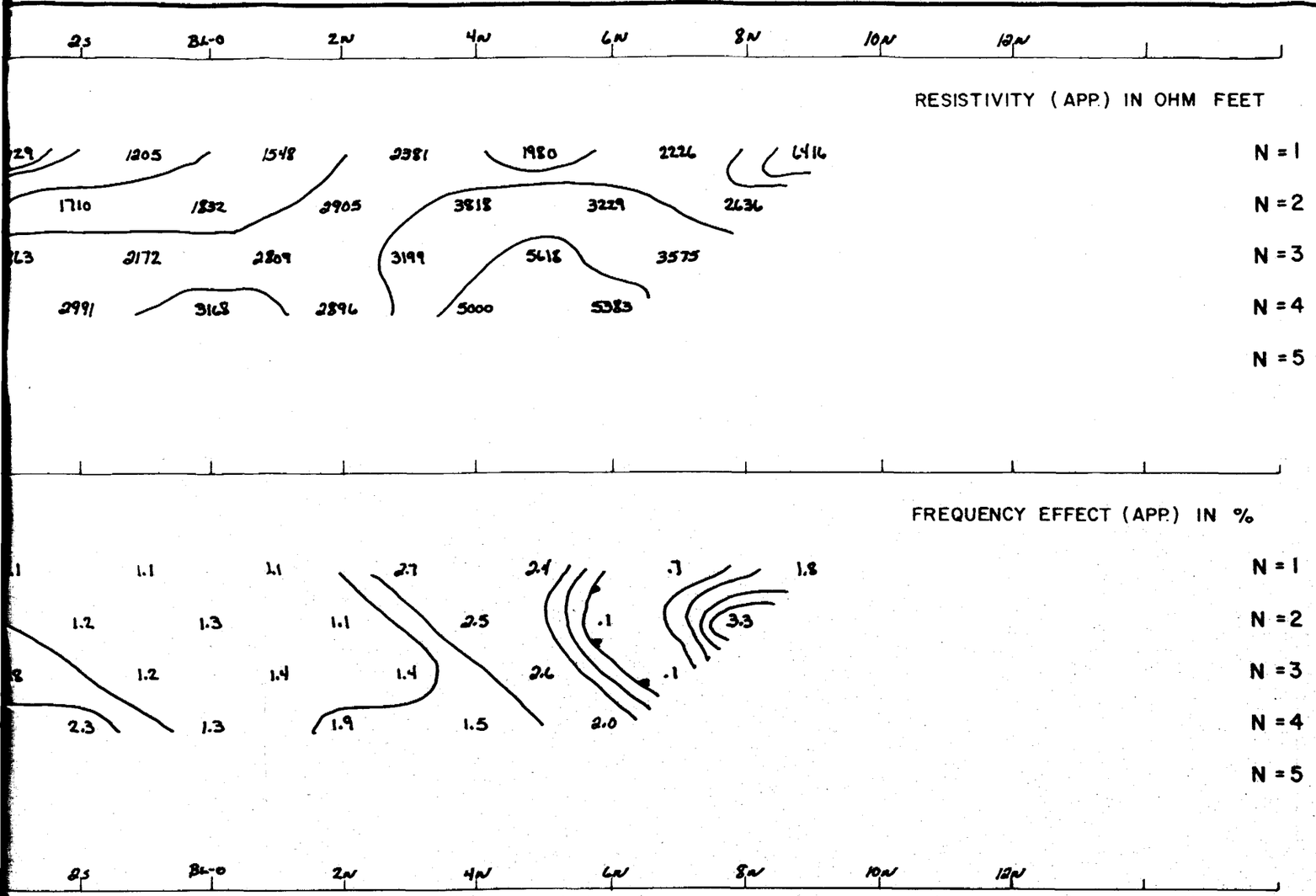
1107 1063 1825 1747 1917 1396 1483 923 652 729 1205
2064 1885 2063 2552 2316 1929 1759 1298 1424 1710 1832
3000 1926 2630 2558 2598 1742 1993 2483 2863 2172
2792 2438 2603 2618 2166 1899 3769 4191 2991 3168

1.3 1.0 1.2 1.2 1.2 1.1 .9 1.0 .8 1.1 1.1
1.5 1.4 1.5 1.5 1.0 1.2 1.1 1.0 1.7 1.2 1.3
2.3 1.5 1.5 1.1 1.0 1.4 1.4 2.2 1.8 1.2
2.3 2.0 1.1 1.0 1.2 1.4 2.7 2.2 2.3 1.3

24S 22S 20S 18S 16S 14S 12S 10S 8S 6S 4S 2S BL-0

1.2 .9 .6 .7 .6 .8 .6 1.1 1.2 1.5 .9
.7 .7 .7 .6 .4 .6 .6 .8 1.2 .7 .7
.8 .8 .6 .4 .4 .8 .7 .9 .6 .6
.8 .8 .4 .4 .6 .7 .7 .5 .7 .4

← FLAT →



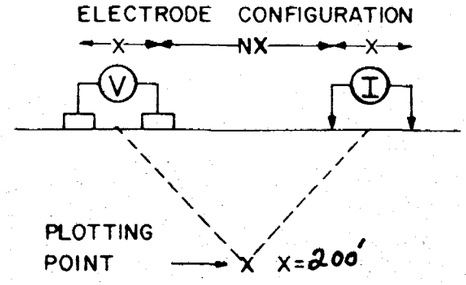
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON ONT.

LINE NO.— 24-W-

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 Hz

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED:

OCT-15-19- 1987

APPROVED:

Remy Belanger

OPERATOR: PIERRE. FAUBERT
JEAN-GUY DUBÉ

DATE: oct. 27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

24·S 22·S 20·S 18·S 16·S 14·S 12·S 10·S 8·S 6·S 4·S 2·S

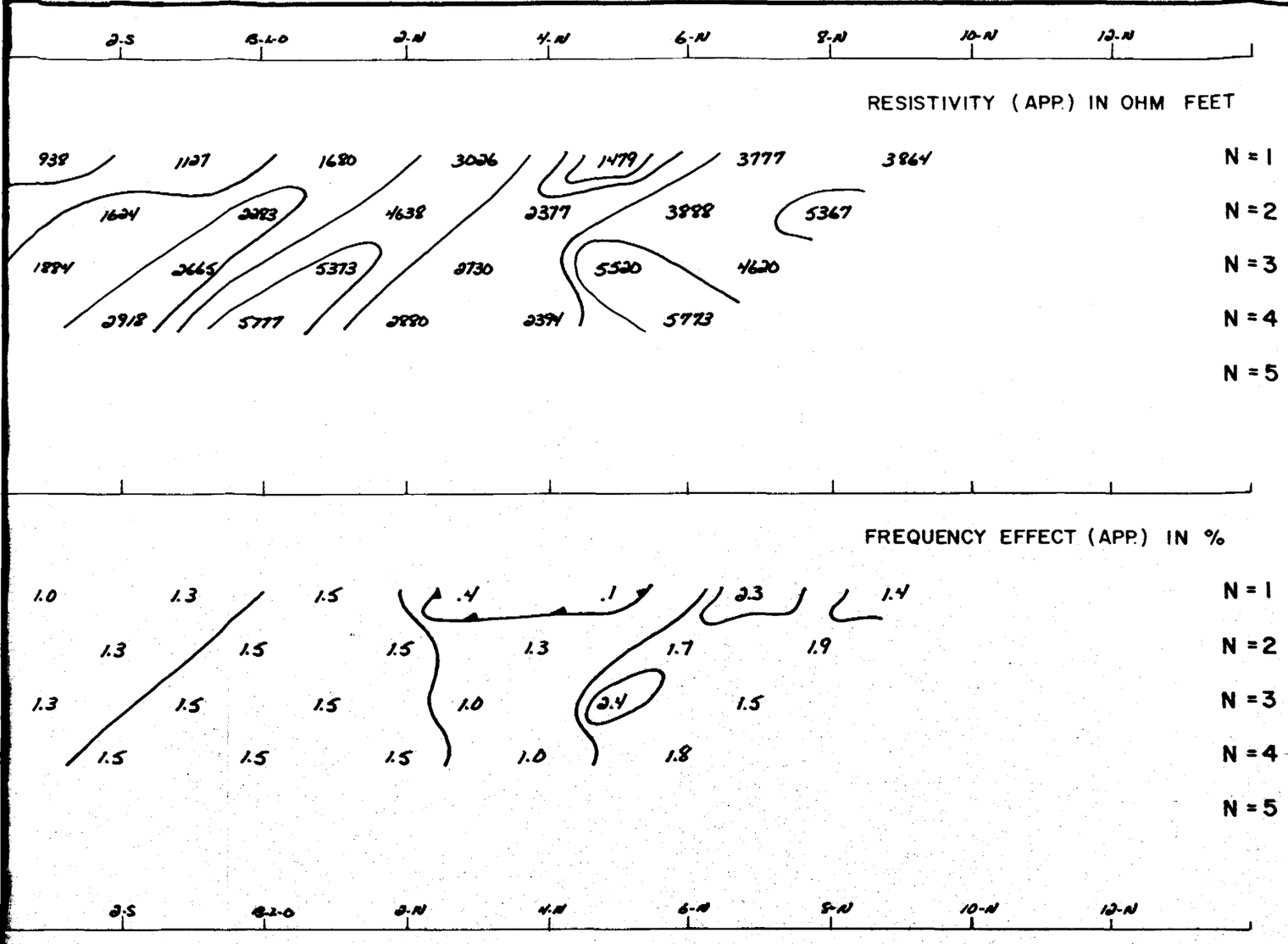
1506 2030 1307 1535 2141 758 884 363 829 938 1137
2574 3386 1156 2165 1713 1376 1396 893 1244 1624
2868 2730 1506 1500 2580 2052 2051 1361 1884 2665
2618 3140 1141 2045 3255 2504 2695 1963 2918

.1 .1 .1 .1 .9 .9 .9 1.4 .8 1.0 1.3
.1 .7 .6 .8 1.0 1.8 1.4 1.2 1.2 1.3
1.0 .8 .6 1.3 1.9 1.8 1.0 1.4 1.3 1.5
1.3 .9 1.0 1.3 2.0 1.8 1.5 1.4 1.5

24·S 22·S 20·S 18·S 16·S 14·S 12·S 10·S 8·S 6·S 4·S 2·S

.1 .1 .1 .1 .4 1.1 1.1 3.8 .9 1.1 1.1
.1 .2 .5 .3 .5 1.3 1.1 1.3 .9 .8
.3 .2 .3 .8 .7 .8 .4 1.1 .6 .5
.4 .2 .8 .6 .6 .7 .5 .7 .5

ROAD.



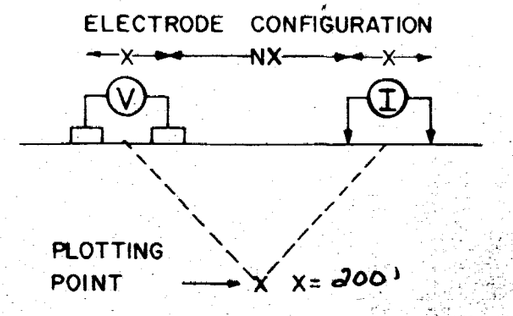
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND.

MATHESON - Ont.

LINE NO.- 28- W

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 HZ

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct-15-19- 1987

APPROVED: Remy Belanger

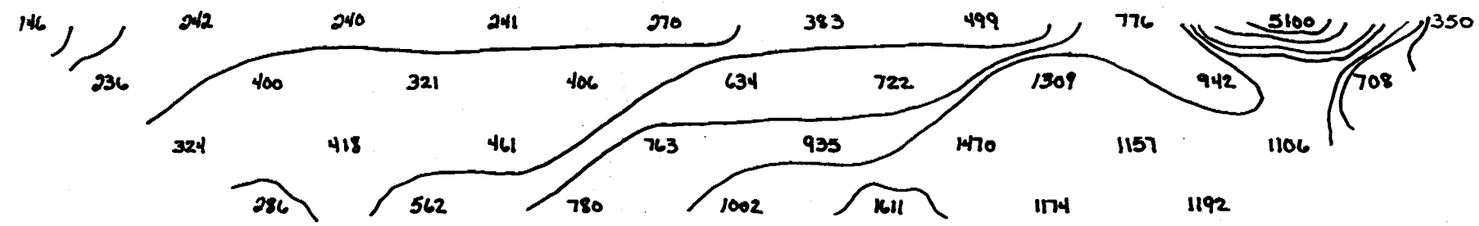
OPERATOR: JEAN-GUY OUÉ PIERRE FAUBERT

DATE: oct.27-87

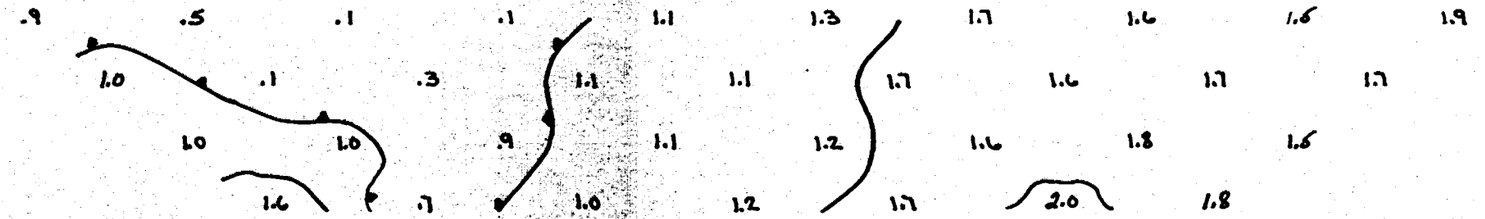
INDUCED POLARIZATION AND RESISTIVITY SURVEY

24W 22W 20W 18W 16W 14W 12W 10W 8W 6W 4W 2W 0

RESISTIVITY (APP.)

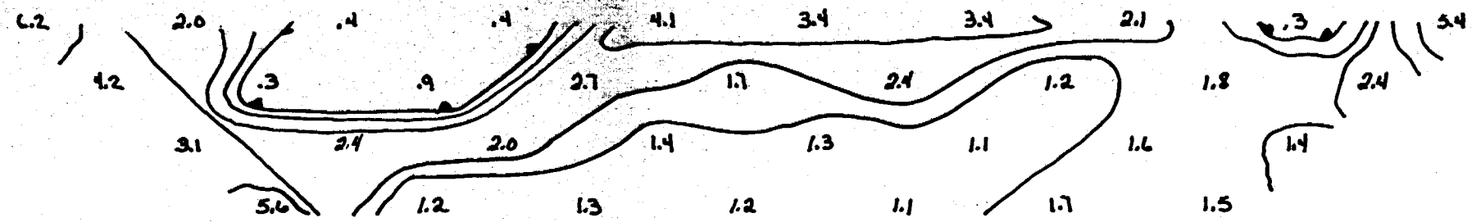


FREQUENCY EFFECT (A

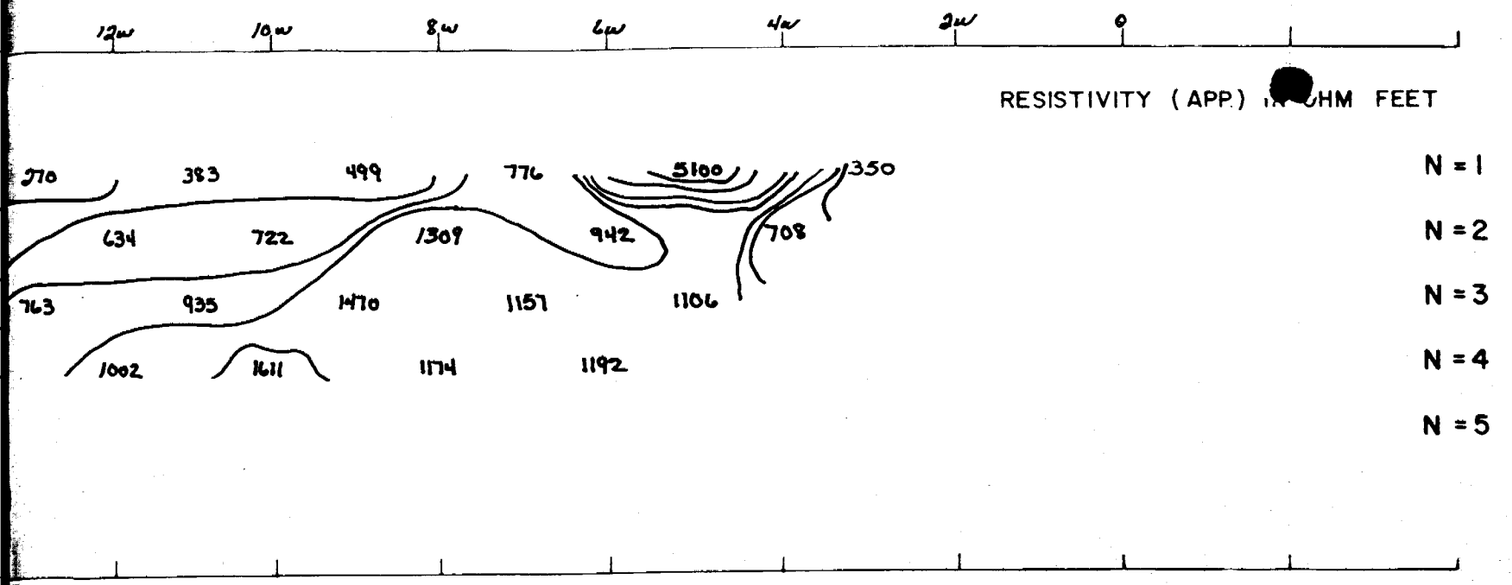


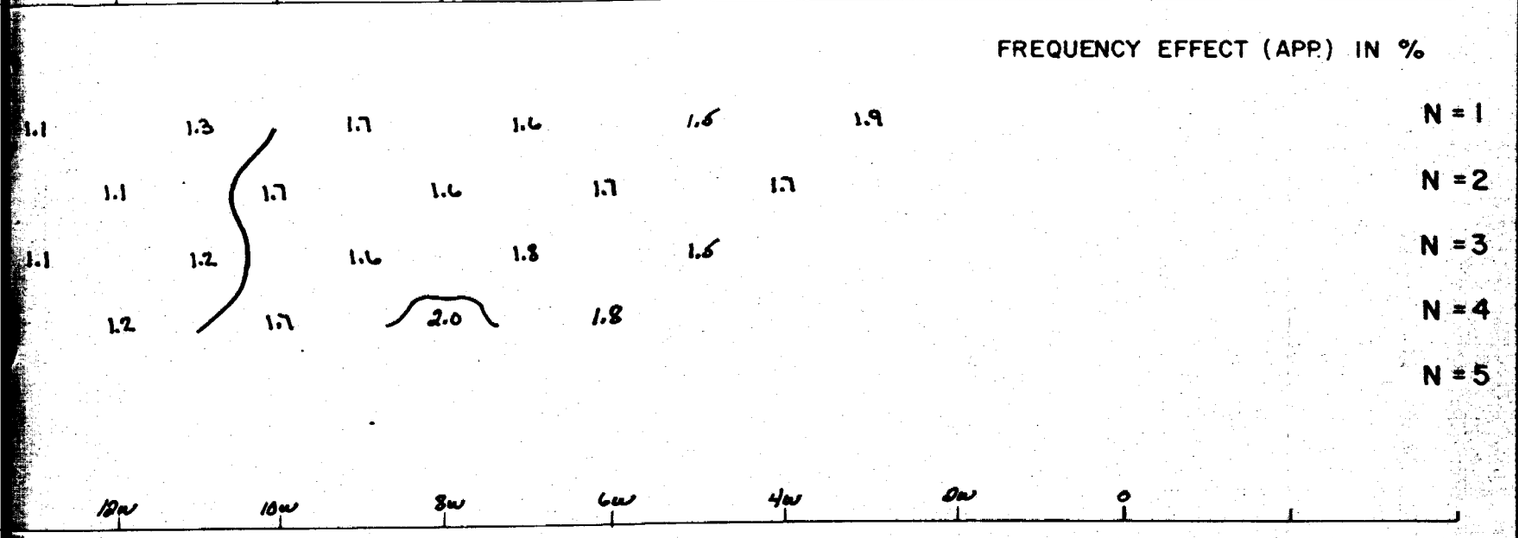
24W 22W 20W 18W 16W 14W 12W 10W 8W 6W 4W 2W 0

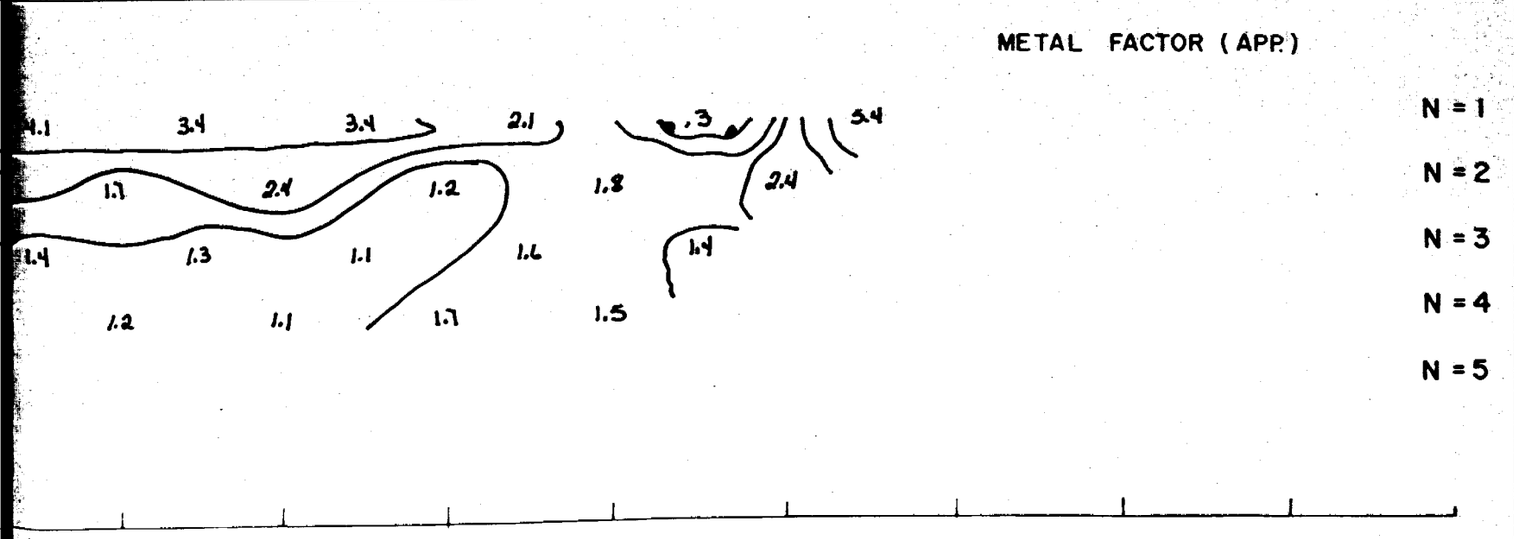
METAL FACTOR (APP



← FLAT →







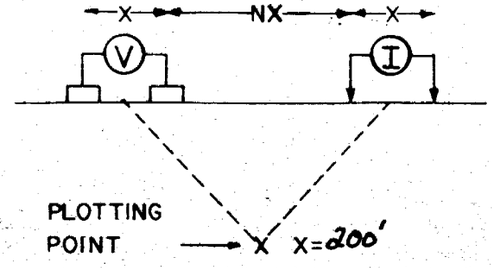
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND

MATHESON - ONT.

LINE NO. - TL-33 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE !!!!!!!!!

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 HZ.

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1, 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

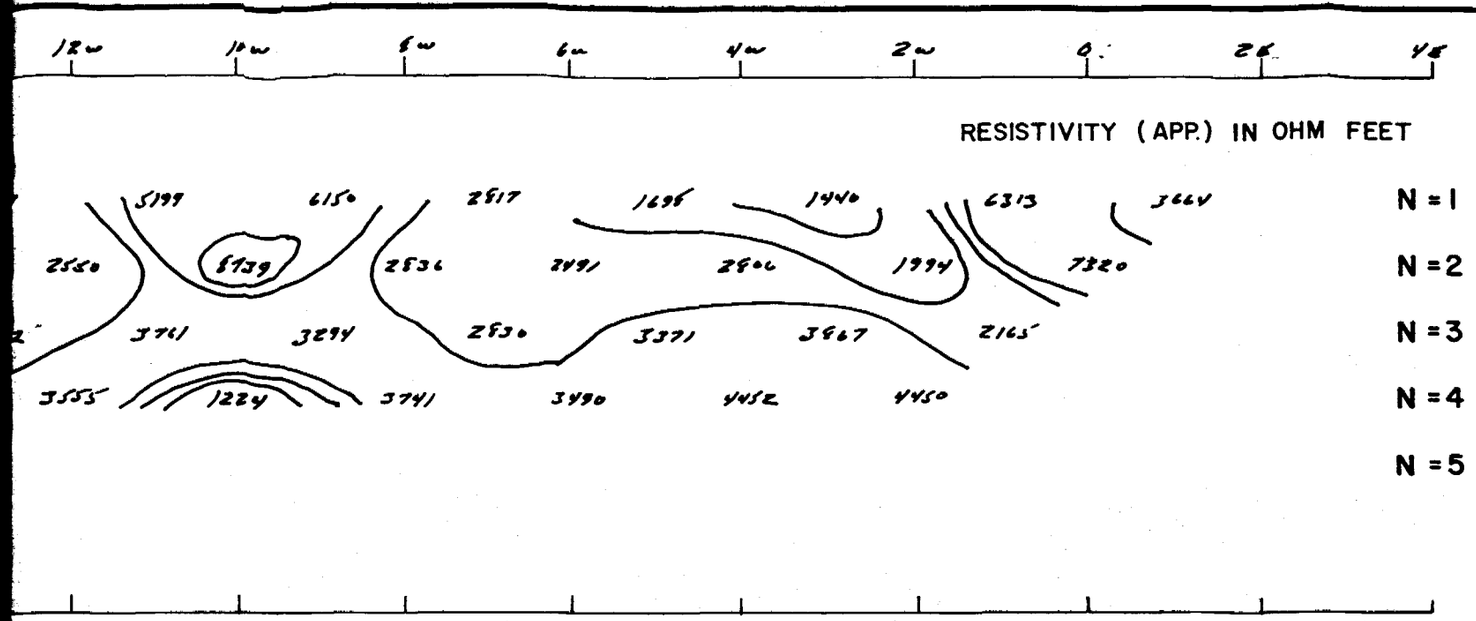
DATE SURVEYED: Oct - 18 - 1987

APPROVED: Remy Belanger

OPERATOR: JEAN-GUY DUBÉ

DATE: oct. 27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY



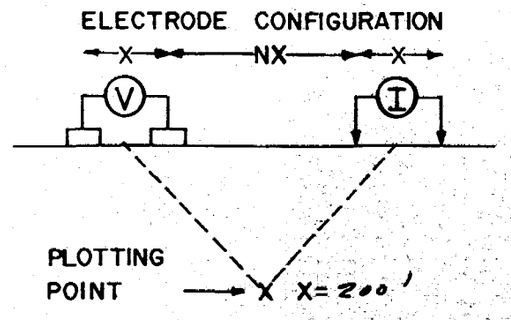
COMPANY: THE ALBERTA GOLD CORP

PROPERTY: NORTHLAND

MATHESON - ONT

LINE NO.- BL-0

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 H.Z.

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

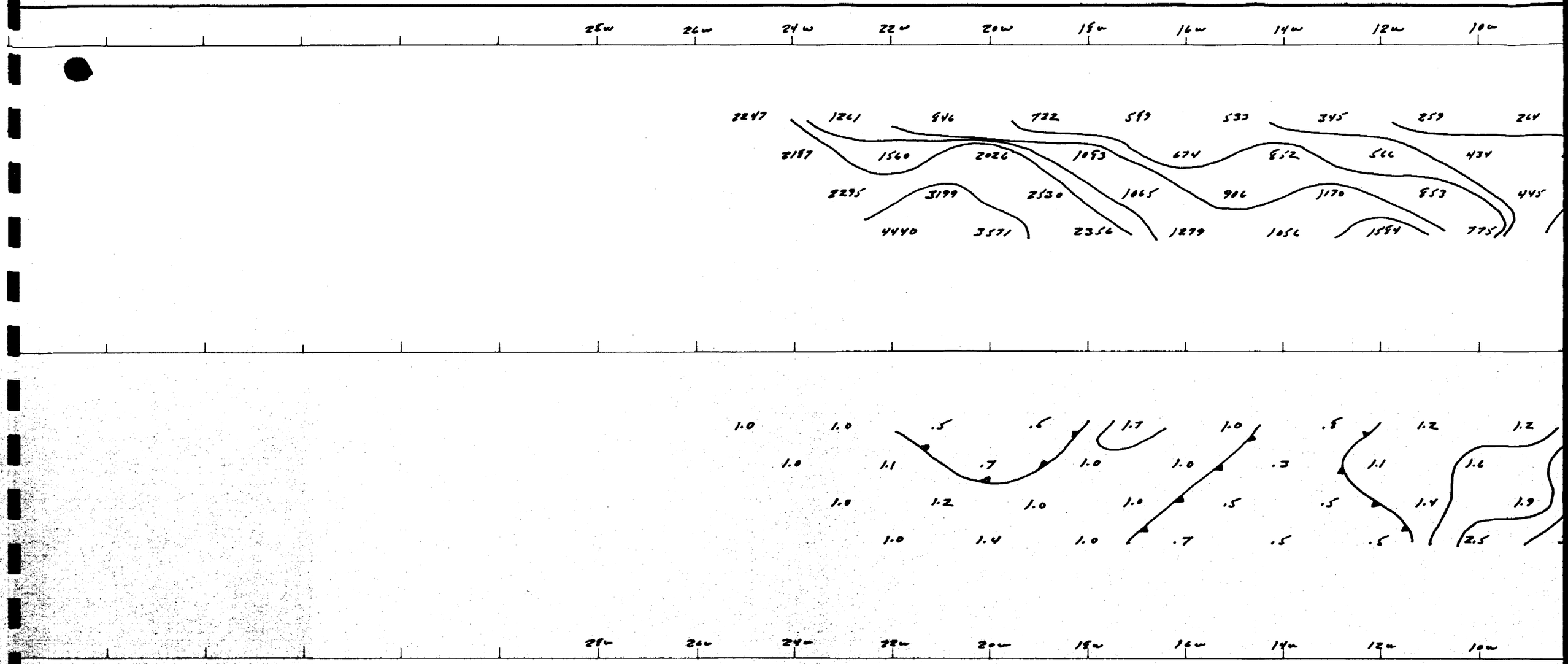
DATE SURVEYED: OCT-19-1987

APPROVED: Remy Belanger

OPERATOR: JEAN GUY DUBÉ

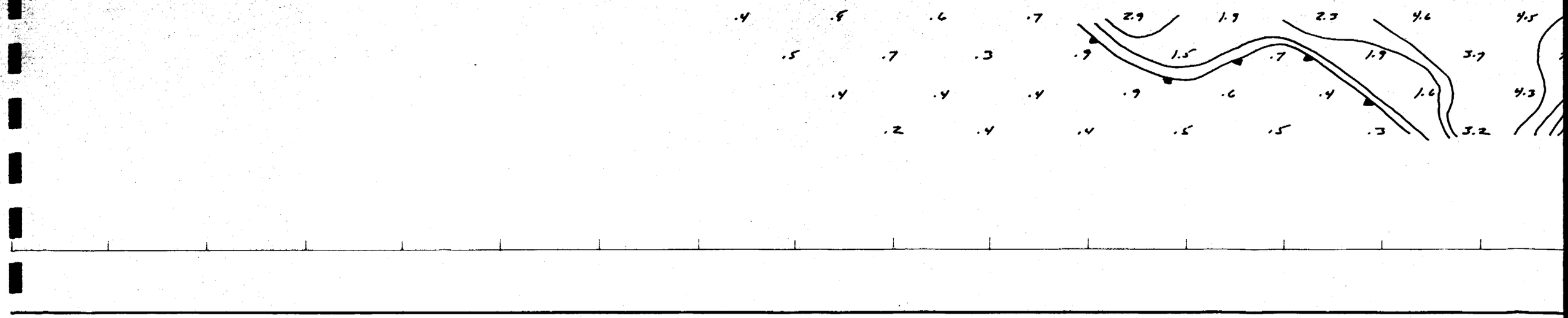
DATE: oct.27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY


28w
26w
24w
22w
20w
18w
16w
14w
12w
10w
2247
1261
846
732
569
533
345
259
264
2187
1560
2026
1083
674
852
566
434
2295
3199
2530
1065
906
1170
853
445
4440
3571
2356
1279
1056
1584
775

1.0
1.0
.5
.6
1.7
1.0
.8
1.2
1.2
1.0
1.1
.7
1.0
1.0
.3
1.1
1.6
1.0
1.2
1.0
1.0
.5
.5
1.4
1.9
1.0
1.4
1.0
.7
.5
.5
2.5

28w
26w
24w
22w
20w
18w
16w
14w
12w
10w


.4
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3.7
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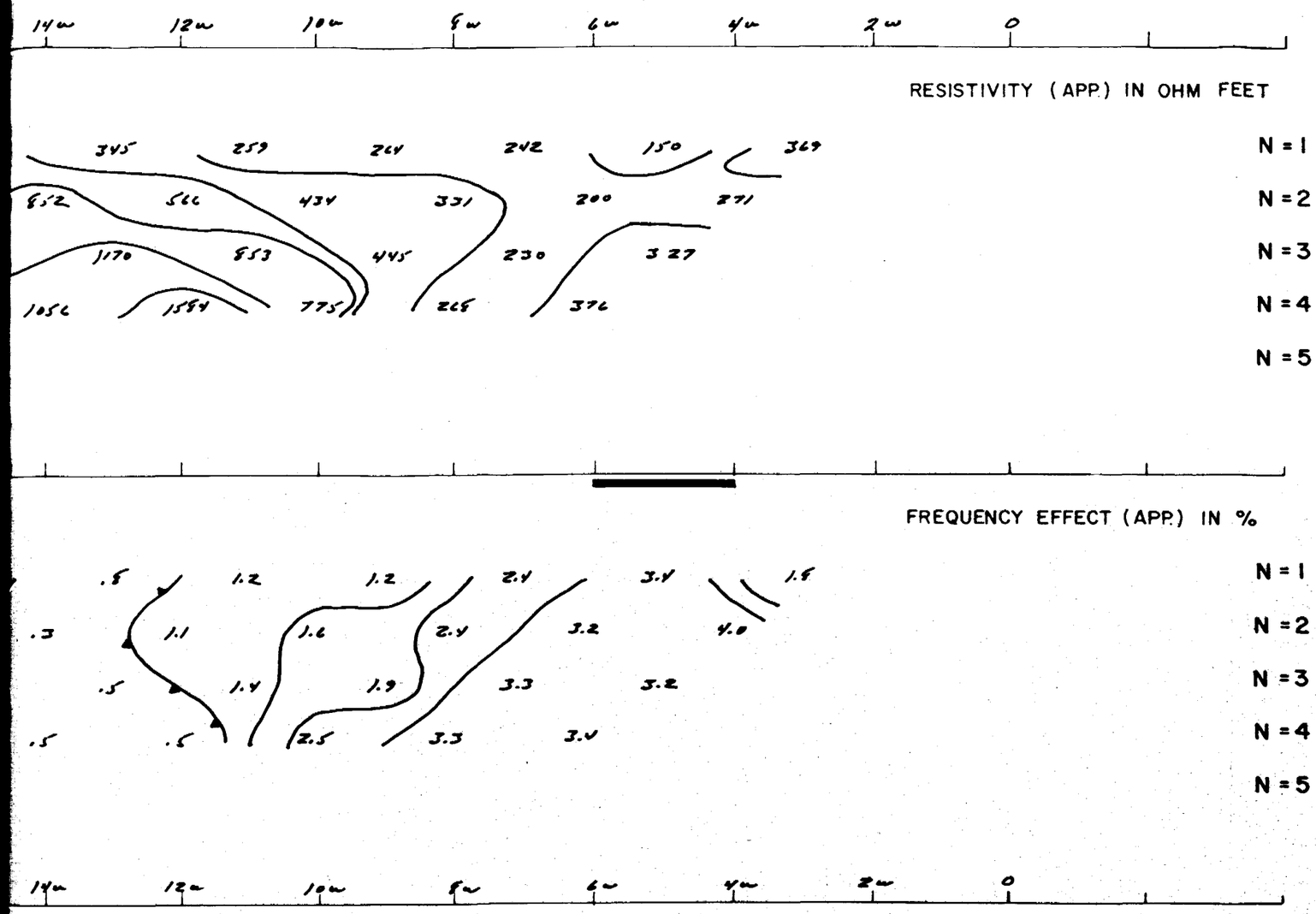
.3
3.2



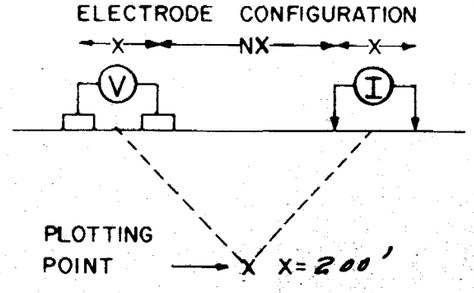
COMPANY: THE ALBERTA GOLD CORP

PROPERTY: NORTHLAND

MATHESON - ONT.

LINE NO. - T-L-14S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 Hz

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1 IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct-14-1987

APPROVED: Remy Belanger.

OPERATOR: PIERRE FAUBERT

DATE: oct.27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

28-W 26-W 24-W 22-W 20-W 18-W 16-W 14-W 12-W 10-W

1725 873 710 761 894 649 435 233

2326 1709 1627 1498 1217 904 542 435

3858 3037 2502 1677 1354 941 900

5890 3977 2444 1674 1263 1324 525

1.2 .5 .9 .3 1.3 .4 1.0 1.0

.6 1.0 .7 1.3 .5 1.1 1.0 1.6

1.4 .8 1.4 .6 1.1 1.0 1.5

1.2 1.6 .7 1.3 1.0 1.5 1.8

28-W 26-W 24-W 22-W 20-W 18-W 16-W 14-W 12-W 10-W

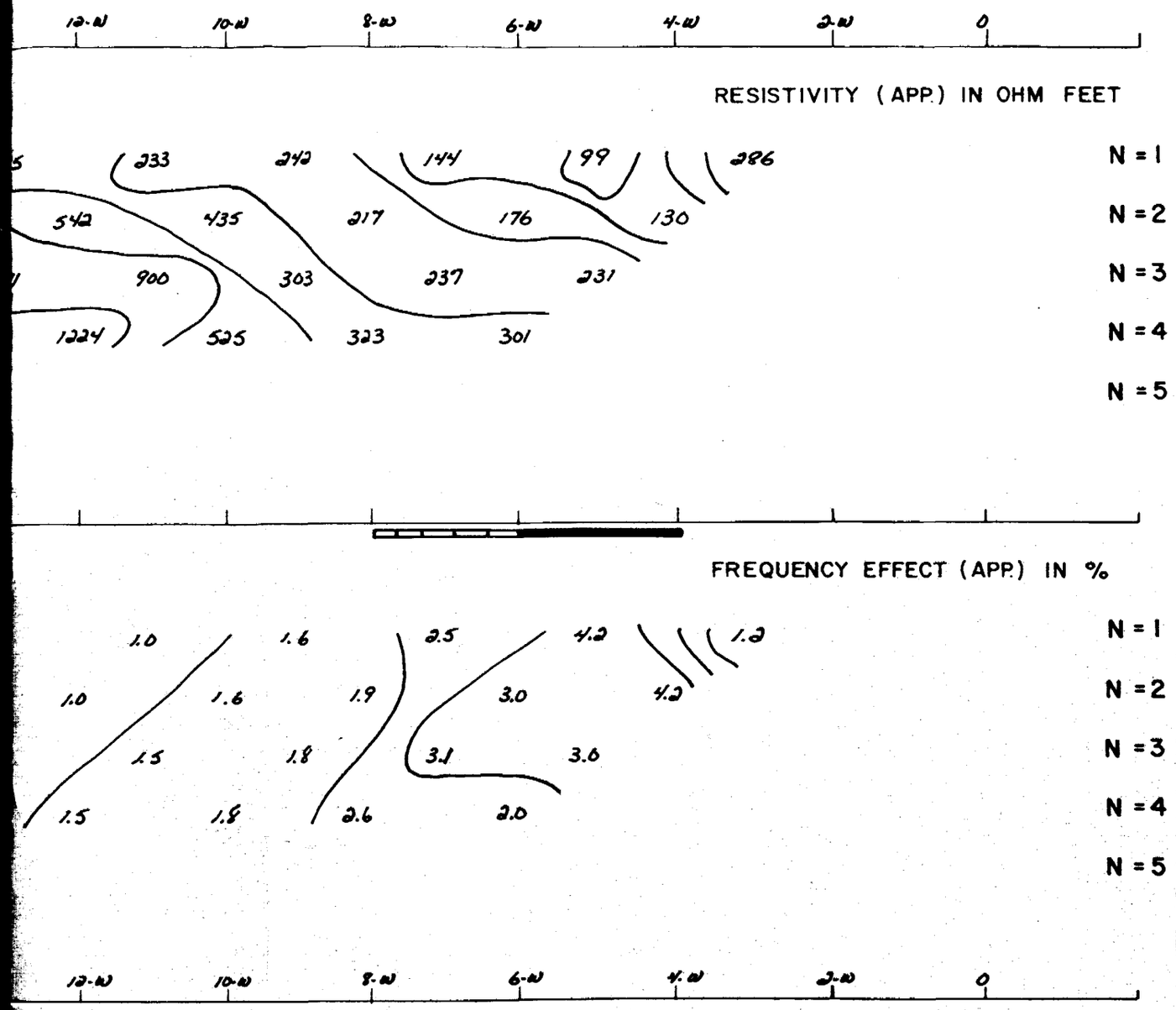
.7 .6 1.3 .4 1.5 .6 2.3 4.3

.3 .6 .4 .9 .4 1.2 1.8 3.7

.4 .3 .6 .4 .8 1.1 1.7

.2 .4 .3 .8 .8 1.2 3.4

← FLAT →



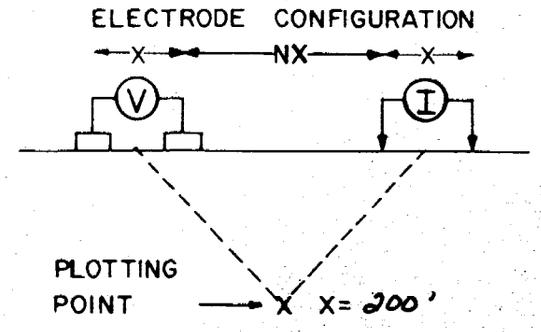
COMPANY: THE ALBERTA GOLD CORP.

PROPERTY: NORTHLAND.

MATHESON - ONT.

LINE NO.— TL-23-S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE ——————

PROBABLE ||||||||||

POSSIBLE / / / / /

FREQUENCIES: .25 & 4.0 HZ

NOTE: CONTOURS AT LOGARITHMIC INTERVALS 1., 1.5, 2., 3., 5., 7.5, 10.0

INSTRUMENT : PHOENIX IPV-1
IPT-1

CONTRACTOR : REMY BELANGER ENRG.

DATE SURVEYED: Oct. 14. 1987

APPROVED: Remy Belanger.

OPERATOR: PIERRE FAUBERT.

DATE: Oct. 27-87

INDUCED POLARIZATION AND RESISTIVITY SURVEY

Ontario

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geotechnical Approval Section
159 Cedar, 4th Floor
Sudbury, Ontario
P3E 6A5

Toll Free: 1-800-465-3880
Telephone: (705) 670-7264
Fax: (705) 670-7262

September 27, 1991

Our File: 2.14315
Your File: W.9180.05017

Mining Recorder
Ministry of Northern Development
and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir/Madam:

SUBJECT: Approval Assessment Work submitted on mining claims L.561530 et al. in the Township of Gauthier.

The assessment work credits for the Induced Polarization Survey submitted under Section 14 of the Minig Act Regulations have been approved as of the above date.

Please indicate on your records.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands
Mines and Minerals Division

DM/jl
Enclosures:

cc: Mary Mahood-Greer
Kirkland Lake, Ontario

Remi Belanger
Evain, Quebec

Assessment Files Office
Toronto, Ontario

Resident Geologist
Kirkland Lake, Ontario

Ministry of Northern Development & Mines
Ontario

M.L.

Report of Work Conducted After Recording Claim

WORK

Mining Act

Transaction Number: DOCUMENT No. W9180.05017

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.14315

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
559505 ONTARIO LTD.		100331
Address		**Telephone No.**
103 GOVERNMENT ROAD EAST, KIRKLAND LAKE, ONT. P2N IA9		(705) 567-7057
Mining Division	**Township/Area**	**M or G Plan No.**
LARDER LAKE, ONTARIO	GAUTHIER	G-3211
Dates Work Performed From: OCTOBER 14, 1987	To: OCTOBER 19, 1987	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	INDUCED POLARIZATION SURVEY - FREQUENCY EFFECT METHOD
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
SEP 05 1991
MINING LANDS SECTION

Total Assessment Work Claimed on the Attached Statement of Costs $ 5,155.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
REMI BELANGER	BOX 40, 329 W., BLVD., EVAIN, P. QUEBEC J0Z 1Y0
PIERRE FAUBERT	BOX 40, 329 W., BLVD., EVAIN, P. QUEBEC J0Z 1Y0
JEAN-GUY DUBE	BOX 40, 329 W., BLVD., EVAIN, P. QUEBEC J0Z 1Y0
MARY MAHOOD-GREER	103 GOVERNMENT ROAD EAST, KIRKLAND LAKE, ONT. P2N IA9

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	July 18/91	Mary Mahood-Greer

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying		
MARY MAHOOD-GREER 103 Gov't. Rd. E. Kirkland Lake, Ontario P2N 1A9		
Telepone No.	**Date**	**Certified By (Signature)**
567-7057	July 18/91	Mary Mahood Greer.

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$5155.00	JULY 18, 1991 RS	Marian Duda Mining Recorder	RECEIVED 91 JUL 18 PM 1 MINING LANDS SECTION LARDER LAKE
	Deemed Approval Date	**Date Approved**	
	OCTOBER 16, 1991	Sept 27/91	
	Date Notice for Amendments Sent		

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: DOCUMENT No. 9180

2.14315

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	250.00	250.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type I.P. SURVEY REMI BELANGER	9,960.00	
			9,960.00
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		10,210.00

10,210. x 20% = 2042.

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type 4x4 TRUCK @ $50.00/day	50.00	
	HONDA 4WHEELER @ $50.00/day	50.00	
			100.00
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		100.00
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**		10,310.00

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit		Total Assessment Claimed
10,310.00	x 0.50 =	5,155.00

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation		Évaluation totale demandée
	x 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as GEOLOGICAL TECHNICIAN (Recorded Holder, Agent, Position in Company) I am authorized

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé

à faire cette attestation.

Signature	Date
Mary Mitchell-Gray	July 17/91

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	L-561530	1	468.64	368.21	100.43	
	L-561531	1	468.64	368.21	100.43	
	L-561532	1	468.64	368.21	100.43	
	L-561533	1	468.64	368.21	100.43	
	L-561534	1	468.64	368.21	100.43	
	L-561535	1	468.64	368.21	100.43	
	L-917215	1	Ø	368.21	Ø	
	L-917216	1	Ø	368.21	Ø	
	L-917217	1	Ø	368.21	Ø	
	L-917218	1	468.64	368.21	100.43	
	L-917219	1	468.64	368.21	100.43	
	L-919830	1	468.64	368.21	100.43	
	L-919831	1	468.64	368.21	100.43	
	L-954489 954489 A.H.P.	1	468.60	368.27	100.33	
	14		5,155.00	5,155.00	1,104.63	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☒ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

800 Royal Trust Tower
Edmonton, Alberta
Canada T5J 2Z2
Telephone (403) 420-0663
FAX (403) 428-1070

PERRONS

103 Government Road East
Kirkland Lake, Ontario
Canada P2N 1A9
Telephone (705) 567-7057
FAX (705) 568-8844

July 18, 1991

2.14315

Mr. Martin Cuda,
Mining Recorder,
Ministry of Northern Development and Mines,
4 Government Road East,
Kirkland Lake, Ontario
P2N IA2

Dear Sir:

RE: Induced Polarization Survey for
Gauthier Township
Larder Lake Mining Division

Enclosed herewith, please find a duplicate copy of the following:

- Report dated November 1987, by Remy Belanger entitled:

  Induced Polarization Survey
  The Alberta Gold Corporation
  Northland Grid
  Gauthier Township
  P. Ontario
  November 1987

Perrons would like to file this work under the New Mining Act Regulations 1991, Assessment Work Section 4 (3). An appendix in letter form is also included to comply with the requirements of said Act, since this report was not written with the intention of being submitted as an assessment report.

Yours truly,

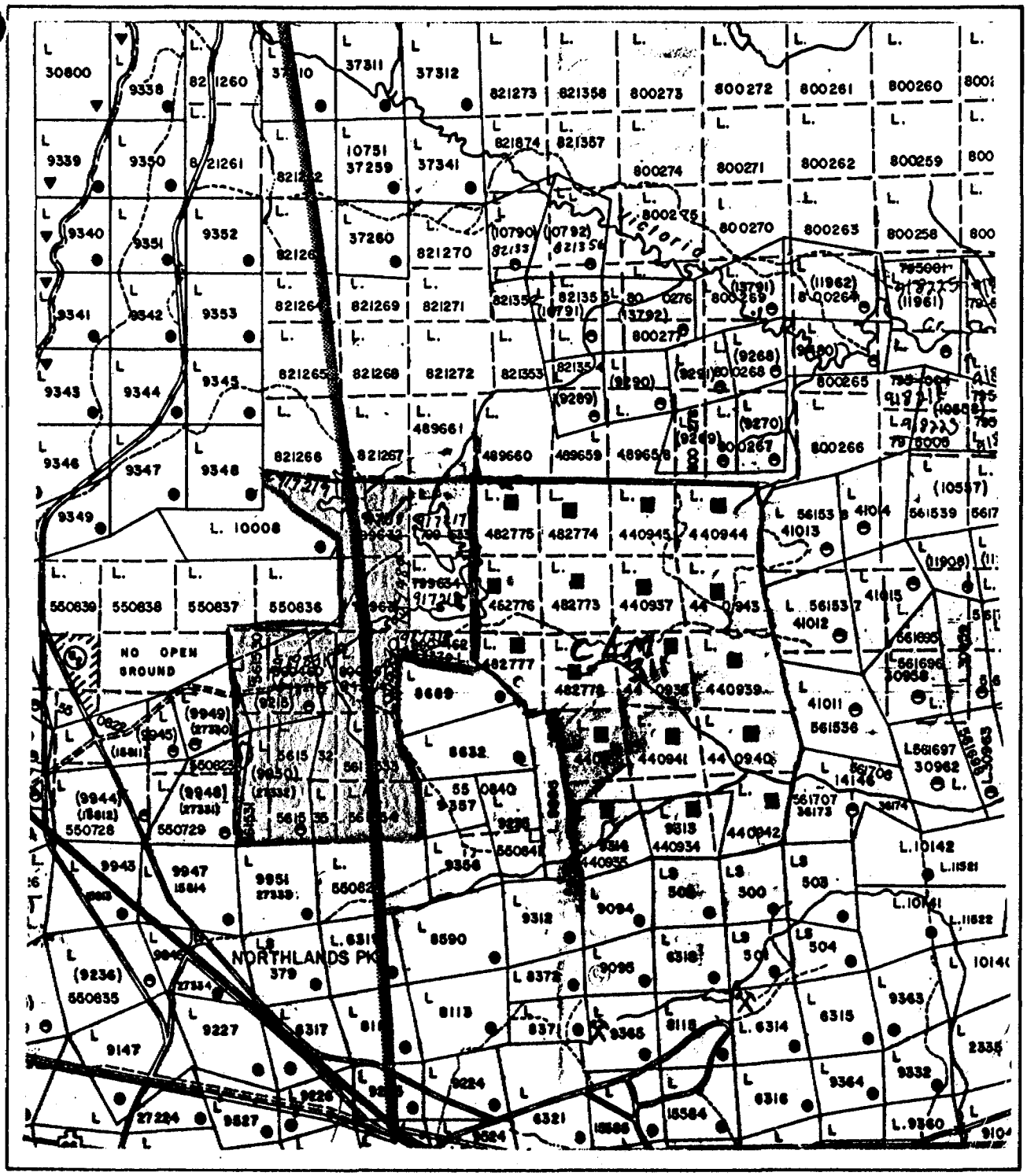
PERRONS

Mary Mahood-Greer

Mary Mahood-Greer
Geophysical Technician

MMG/p
Encls.

2.14315



Claim Location Map

Scale: 1 inch to 1/2 mile

work assigned to these claims

work performed on these claims and assigned as well

Figure 1b

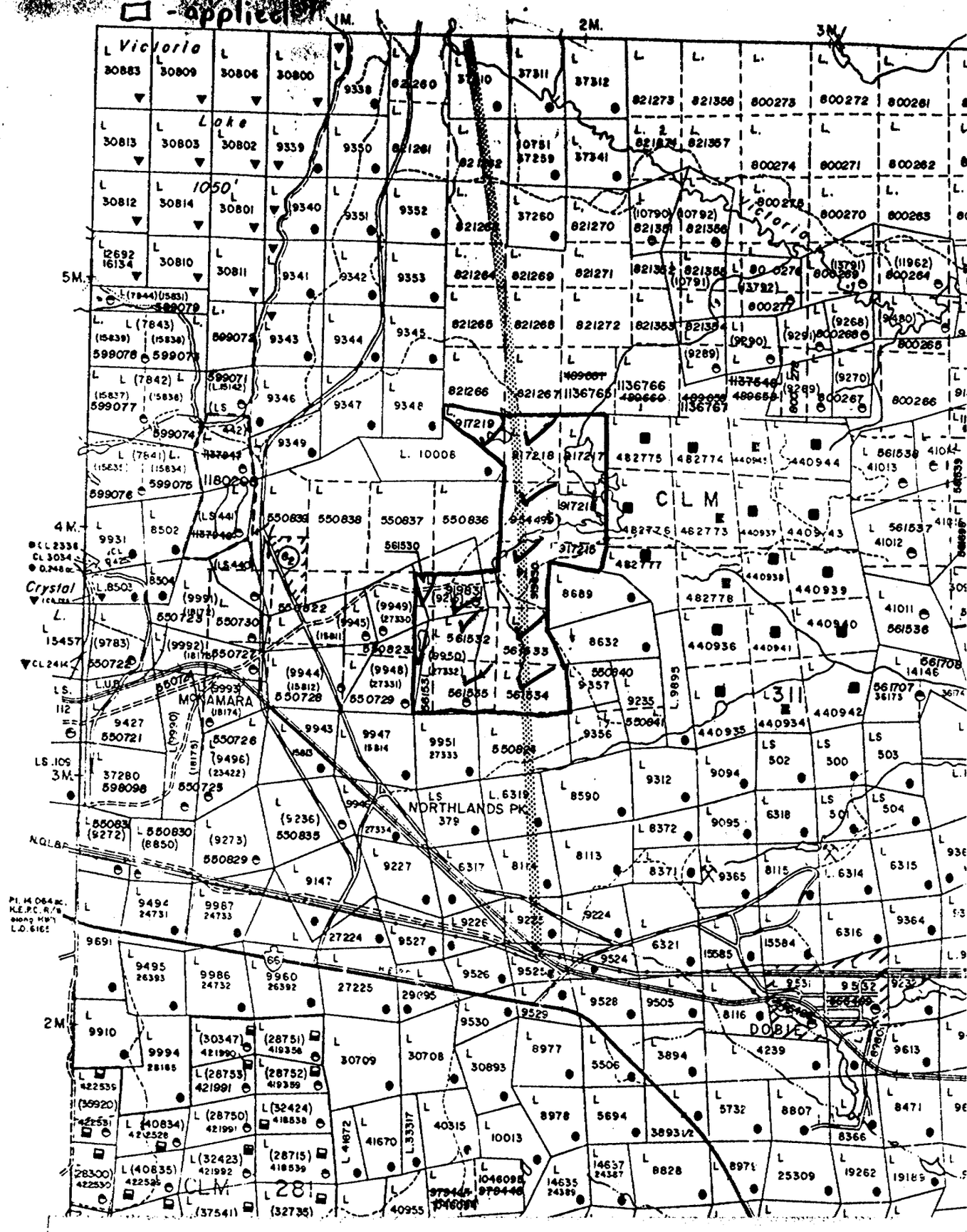
2.14315

GAUTHIER G-3211

✓ - work done

□ - applied for

ARNOLD TP.



Ontario

Ministry of Northern Development and Mines

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) GEOPHYSICAL INDUCED POLARIZATION
Township or Area GAUTHIER
Claim Holder(s) ALEX H. PERRON
103 GOV'T. RD.E.,KIRKLAND LAKE,ONT. P2N 1A9
Survey Company BELANGER GEOPHYSICS
Author of Report MR. REMI BELANGER
Address of Author BOX 40, 329 W.BLVD., EVAIN, QUEBEC
Covering Dates of Survey OCT.14, 1987 - OCT. 19, 1987
Total Miles of Line Cut 8.33 (linecutting to office) APPROXIMATELY

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: July 19, 1991 SIGNATURE: Mary McWood-Grier
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L-	561530
L-	561531
L-	561532
L-	561533
L-	561534
L-	561535
L-	917215
L-	917216
L-	917217
L-	917218
L-	917219
L-	919830
L-	919831
L-	964489

TOTAL CLAIMS 14

If space insufficient, attach list

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval 100 FEET Line spacing 400 FEET

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument PHOENIX I.P. T-1 TRANSMITTER AND I.P. V-1 RECEIVER

Method ☐ Time Domain ☒ Frequency Domain

Parameters – On time _____ Frequency .25 & 4.0 HZ

– Off time _____ Range N = 1 TO N = 4

– Delay time _____

– Integration time _____

Power GENERATOR 2.0 KW

Electrode array _____

Electrode spacing 200 FEET

Type of electrode STEEL PINS

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)
- Extraction Method _____
- Analytical Method _____
- Reagents Used _____

Field Laboratory Analysis
- No. (_____ tests)
- Extraction Method _____
- Analytical Method _____
- Reagents Used _____

Commercial Laboratory (_____ tests)
- Name of Laboratory _____
- Extraction Method _____
- Analytical Method _____
- Reagents Used _____

General _____

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY

S.R.O. – SURFACE RIGHTS ONLY

M.& S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

TOWNSITE staking Restricted S.E. 1/4 of N. 1/2 of T.

BARRICK POWER LINE
(Application pending under Public Lands Act)

SAND and GRAVEL

(6) M.T.C. PIT No. 1666 FILE 1019121

(6a) M.T.C. PIT 3F-27

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE _____

TIMISKAMING MANAGEMENT UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129
SWASTIKA, ONT.
P0K 1T0
705-642-3222

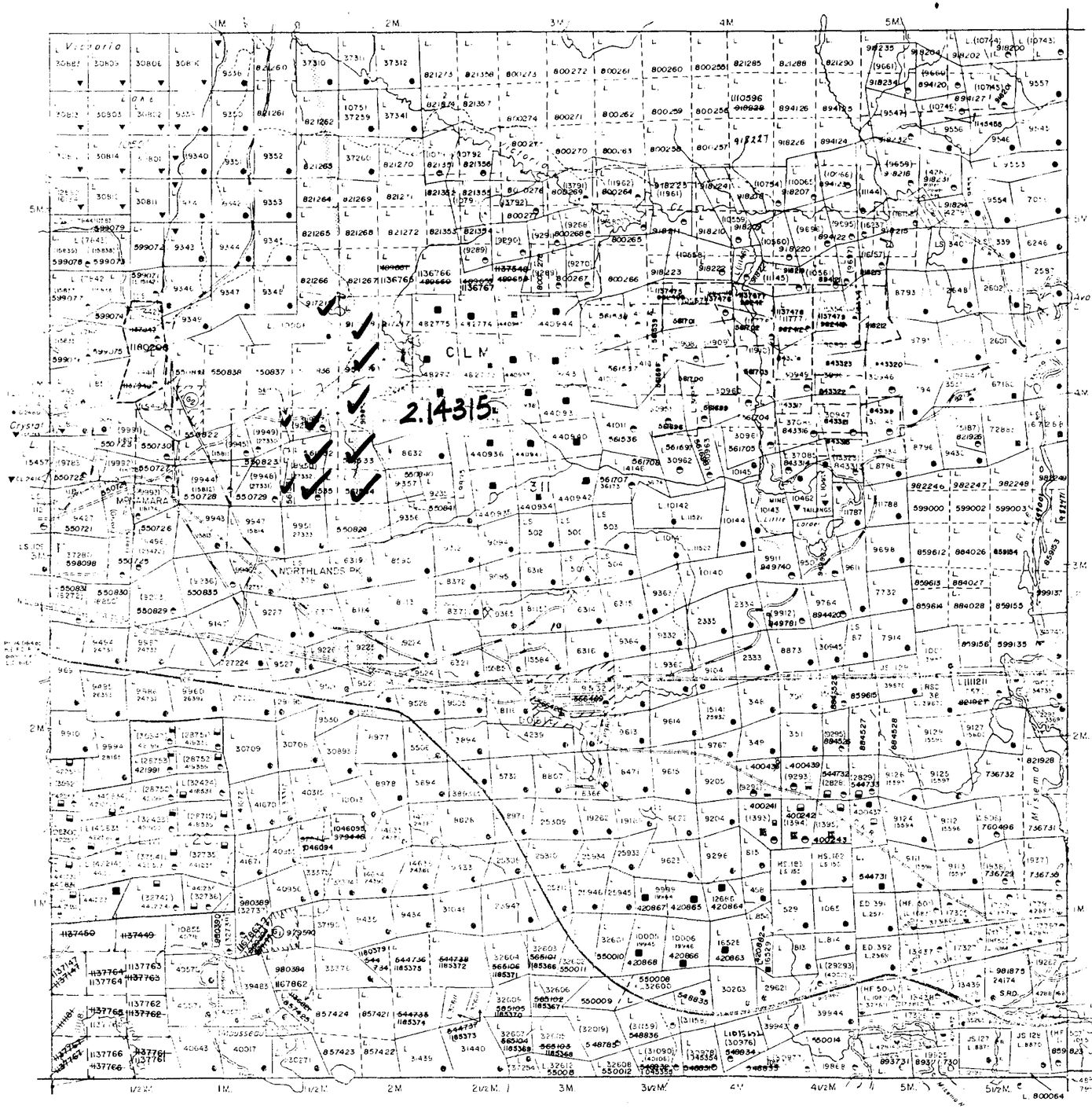
ARNOLD TP.

LEBEL TP.

McVITTIE TP.

ELROY TP.

2.14315



32D04NW0057 2.14315 GAUTHIER

200

DATE OF ISSUE

TOWNSHIP SUBJECT TO

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS BASE LINES ETC.
  - LOTS MINING CLAIMS PARCELS ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINE
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	⊖
" MINING RIGHTS ONLY	⊖
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	▬
" MINING RIGHTS ONLY	▬
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	Ⓒ
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, ARE RESERVED IN ORIGINAL PATENTS TO THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1 (f).

SCALE 1 INCH = 40 CHAINS

METRIC 1 KM 2 KM

TOWNSHIP

GAUTHIER

M.N.R. ADMINISTRATIVE DISTRICT

KIRKLAND LAKE

MINING DIVISION

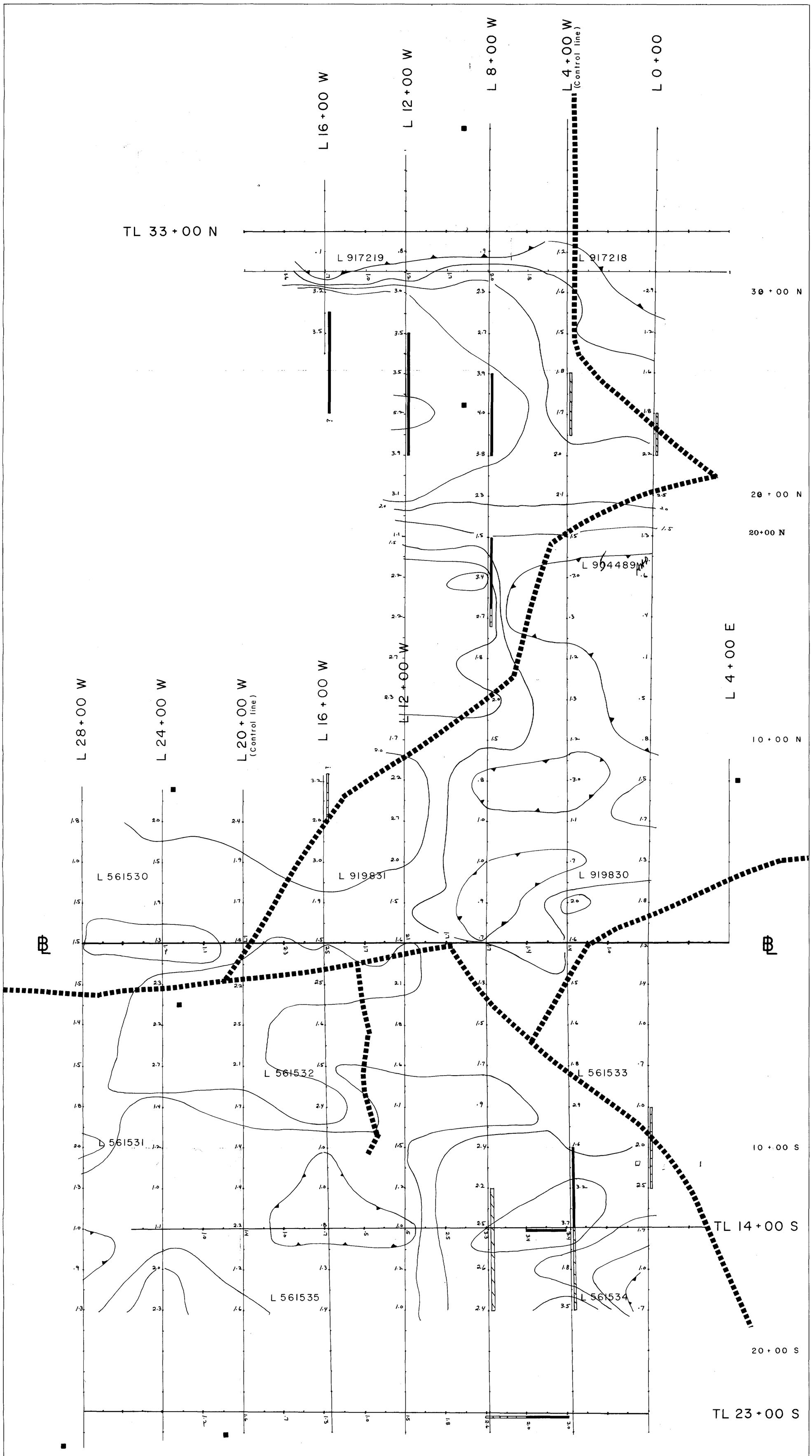
LARDER LAKE

LAND TITLES / REGISTRY DIVISION

TIMISKAMING 2.14315

Ontario Ministry of Natural Resources — Land Management Branch

DATE	NUMBER
JANUARY, 1985 FEBRUARY 8,1988	G-3211



Mag. N 10° W

N

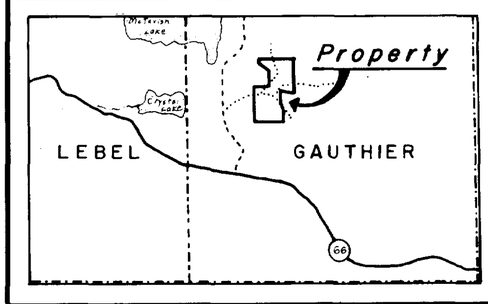
INDUCED POLARIZATION SURVEY

surface projection of anomalous zones
definite ——
probable ,,,,,,
possible ,,,,,
dipole - dipole *200' spreads*
frequency domain
FREQUENCY N=4

Remy Belanger

KEY MAP

Scale: 1 inch to 2 miles



BRIGEDAN PERREX
EQUITIES INC. & RESOURCES INC.
Northland Joint Venture

2.14315

GAUTHIER TOWNSHIP
LARDER LAKE MINING DIVISION
DISTRICT OF TIMISKAMING, ONTARIO

200 0 200 400 600

Scale: 1 inch to 200 feet

PERRONS'
Kirkland Lake Canada

Drawn by: Mary Greer | Date: Oct. 1987 | Map No.:

32D04NW0057 2.14315 GAUTHIER

210