Consolidated Tache Mines

&

Investments Limited

Report on

Induced Polarization Survey

FRIPP TOWNSHIP CLAIM GROUP

SUMMARY

Induced polarization surveys were run on a group of 16 claims in Fripp Township. Three anomalous zones were located. Two drill targets were located in Zone A. More I.P. work will be required on Zone B and C if drilling on Zone A is encouraging.

It is recommended that the showing on line 3 S be tested with drilling and that Zone A be drilled on lines 5 S and 6 S. A budget for this work would be $ 15,000. Encouraging results would require additional money.

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FRIPP TOWNSHIP CLAIM GROUP

I. INTRODUCTION

Consolidated Tache Mines & Investments Ltd. holds a group of 16 claims in Fripp Township, Porcupine Mining Division, Ontario. Portions of the township has been mapped in detail by earlier exploration companies. During the winter of 1973 an induced polarization was run over the claims. The results are reported.

II. PROPERTY, LOCATION AND ACCESS

The property comprises 16 contiguous unpatented mining claims in the central portion of Fripp Township, Porcupine Mining Division. The claims are as follows:

P 352959-62 inclusive (4 claims)
P 352920 - [illegible] inclusive (6 claims)
P 366190 - 95 inclusive (6 claims)

Access to the area is by aircraft from South Porcupine a distance of 20 miles.

III. GENERAL GEOLOGY

The Keewatin - type rocks appear to have been intruded by concordant bodies of ultrabasic rock consisting mostly of periodotite, pyroxenite, and dunite and later intruded by large masses of diorite, quartzdiorite and granite, possibly of Algoman age. Diabase dykes have cut all the above rock types.

The ultrabasic sill extends for about one mile in and east of Bruce Lake. There were only three or four ultrabasic outcrops to be found, but its general extent is outlined by ground magnetics.

Diorite is the commonest rock-type in the area. The ultrabasic sills are almost entirely encased in diorite and have a sharp contact with the diorite.

IV. ECONOMIC GEOLOGY

The ultrabasic sill on P.352959 was investigated for sulphide mineralization. Sulphides occur in the outcrop and in 1964, limited drilling of shallow holes on the outcrop located chalcopyrite and pentlandite in the peridotite. The assays were not reported in government files. Examination of the altered peridotite showed areas of sulphide mineralization containing chalcopyrite and pyrrhotite. This pyrrhotite may in part be pentlandite. Hollinger's drilling appeared to be assessment drilling because they were only shallow and under

the showings. The mineralization is not conductive. The sulphides would likely respond to induced polarization.

The surface outcrop showed a north-south striking zone of sulphides about 5% total sulphides. Five feet of width, these sulphides were bounded by overburden on the east. The sulphides were exposed for 50 feet of strike. This surface exposure likely corresponds to a 31 foot drill intersection of Hollinger's in one of the six holes drilled where altered peridotite contained pyrite, chalcopyrite and pyrrhotite varying in abundance from minor to massive. The copper-nickel values in the surface exposure are estimated less than 1% conbined across the five foot width. In one of Hollinger's reports, the surface showing was described as follows; "A minor zone of chalcopyrite and violaritized pentlandite aseociated with magnetite and pyrrhotite in peridotite on claim P-51125 near the west contact of the ultrabasic contains minor low grade nickel and minor diss.copper in surface samples, but packsack drill holes did not show any improvement in the zone."

V. HISTORY

In the early sixties, Hollinger Exploration mapped this area in detail and carried out extensive magnetic and electromagnetic surveys. They located the copper-nickel showing on P.352959 and drilled several shallow holes. These shallow holes gave sulphide mineralization and like the other ultrabasic bodies in

Texmont area and Langmuir Township warrant drilling to depth. Hollinger was discouraged by its gold exploration in the area. Interest was diverted from the area following the base-metal discovery in Kidd Township in 1964 and the claims were acquired by new interests.

VI. INDUCED POLARIZATION SURVEY

The dipole-dipole survey was run along north-east south-west grid lines spaced at 400 foot and 800 foot intervals. The entire property was covered and is shown on the accompanying plan. The electrode separation was 200 feet and 100 feet and ~~four~~ three dipole receiver readings were taken from each transmitter dipole.

The psuedo profiles are fold-outs in the back of the report and the anomalous zones are marked as three grades: definite (solid), probable (vertical bars) and possible (diagonal bars). These are also shown on the plan map (scale 1" = 400'). The frequencies employed were ~~0.03~~ 0.3 and 5.0 ~~c.p.s.~~ herz. A brief explanation of the operation and understanding of I.P. is included in the appendix. The equipment used was a McPhar Model ~~654~~ 660 multi frequency I.P. unit. ?

The earlier drilling, holes shown on small map, was located on the mineralized outcrop and did not test the areas of better I.P. anomalies. The anomalies tend to vary vertically as well as along strike. An old drill hole on line 7 S at 14 E may have tested an I.P. anomaly there and similarly a hole

at 6 E line 14 S(unsurveyed) may have tested the strike extension of the anomaly at 6 E line 13S.

The following zones were outlined in the survey:

Zone A - This Z shaped zone was traced from line 12S (and may extend north) to line 9 S. Other anomalies on lines 11S and 13 S may represent a southward extension. The zone branches between L5S and L8S. It would appear that none of the drilling to date has tested this anomaly. Two holes are recommended on this zone one on L5S at 8E and one on line 6S at 1W.

Zone B - Usually occurs along the lakeshore at the ends of the lines. If drilling of Zone A is encouraging more detail I.P. should be carried out on Zone B.

Zone C - This may be several unconnected zones. One hole was drilled on line 7 S. If the drilling of Zone A is encouraging more detail I.P. should be carried out on Zone C to deliniate possible drill targets.

VII CONCLUSIONS AND RECOMMENDATION

The induced polarization survey located three anomalous zones. Zone A is well outlined and earlier drilling did not test this anomaly. The zones B and C require further I.P. detail before they can be assessed as drill targets.

Induced Polarisation

Theory and Method of Survey

Induced Polarisation (I.P.) surveys refer to a measurment of the blocking or back voltage - polarisation of metallic conductors in a medium of ionic solution conduction.

This electro-chemical relationship occurs whenever metallic-type minerals such as base metal sulphides have an electrical current pass through them. In ordinary resistivity surveys, the current travels by conduction through the ions present in the water content of the ground. This is possible because almost all of the minerals have a much higher resistivity than the aqueous portion of the ground. A group of "metallic" type minerals have specific resistivities much lower than the ground water.

The I.P. effect occurs at the interfaces, where the mode of conduction from ionic in solutions to electronic in the metallic minerals is present in the rock.

The blocking action or induced polarisation which depends on the energies necessary to allow ions to give up or receive electrons from the metallic surface, increases with the time that a direct current is allowed to pass through the rock. Thus as ions accumulate against the

metallic interface the resistance to current flow increases. In time these excess ions reduce the amount of current flow through the metallic particle. This phenomena is repeated at each of the infinite number of solution-metal interfaces present in the metallic rich rock.

When the direct current voltage that is used to cause a direct current is cut off, then the charged ions forming the polarization return to their normal position. This movement of charge creates a small, but measurable current flow on the surface of the ground.

Using an alternating current source, the effective resistivity of the system will change with the frequency of the switching.

The recorded values of the per cent frequency effect or F.E. are a measurement of the polarization in the rock mass. An often more useful quantity is the metal factor (M.F.) which is obtained by normalizing the F.E. for varying resistivities.

I.P. is used in the search for disseminated metallic sulphides of less than 20% by volume.

Field procedure in most I.P. surveys is as follows.

Current is applied to the ground at two points x feet apart. The potentials are measured at two other

points x feet apart in line with the current electrodes and the separation of the near current and potential electrodes is nx where n=1, 2, 3, etc.

The measurements are made along a picket line with constant distance nx feet employed between the nearest current and potential electrodes and several values of n may be employed (n=1, 2, 3 etc.).

In plotting the results, the values of the apparent resistivity, metal factor, the percentage frequency effect measured for each set of electrodes are plotted at the intersection of two imaginary lines drawn from the centre of the current and potential electrodes at 45° to the surface to meet at a mid point below the electrode array. Each of the three quantites are plotted in upright psuedo-sections.

Instrument: McPhar 660

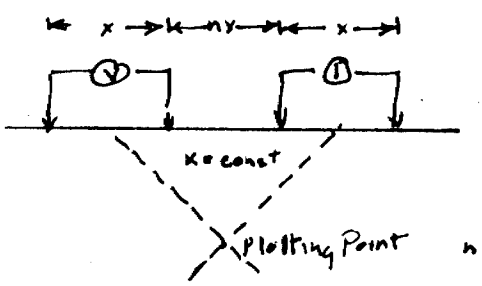
Frequency: 5 c.p.s and 0.3 c.p.s.

Province: Ont

Township: Finan

Claims: see report.

Electrode Configuration



It is recommended that several holes be drilled under the showing on line 3S. This should be followed by drilling of the I.P. anomalies on lines 5S and line 6S.

A budget for this work would be:

(A) Drilling under the showing
500 feet @ $10.00 foot $ 5,000.00

(B) Drilling of anomalies in Zone A
1,000 feet @ $10.00 foot $10,000.00

Total $15,000.00

(C) Contingent on the results of A and B above, more I.P. and diamond drilling may be required.

June 30, 1973

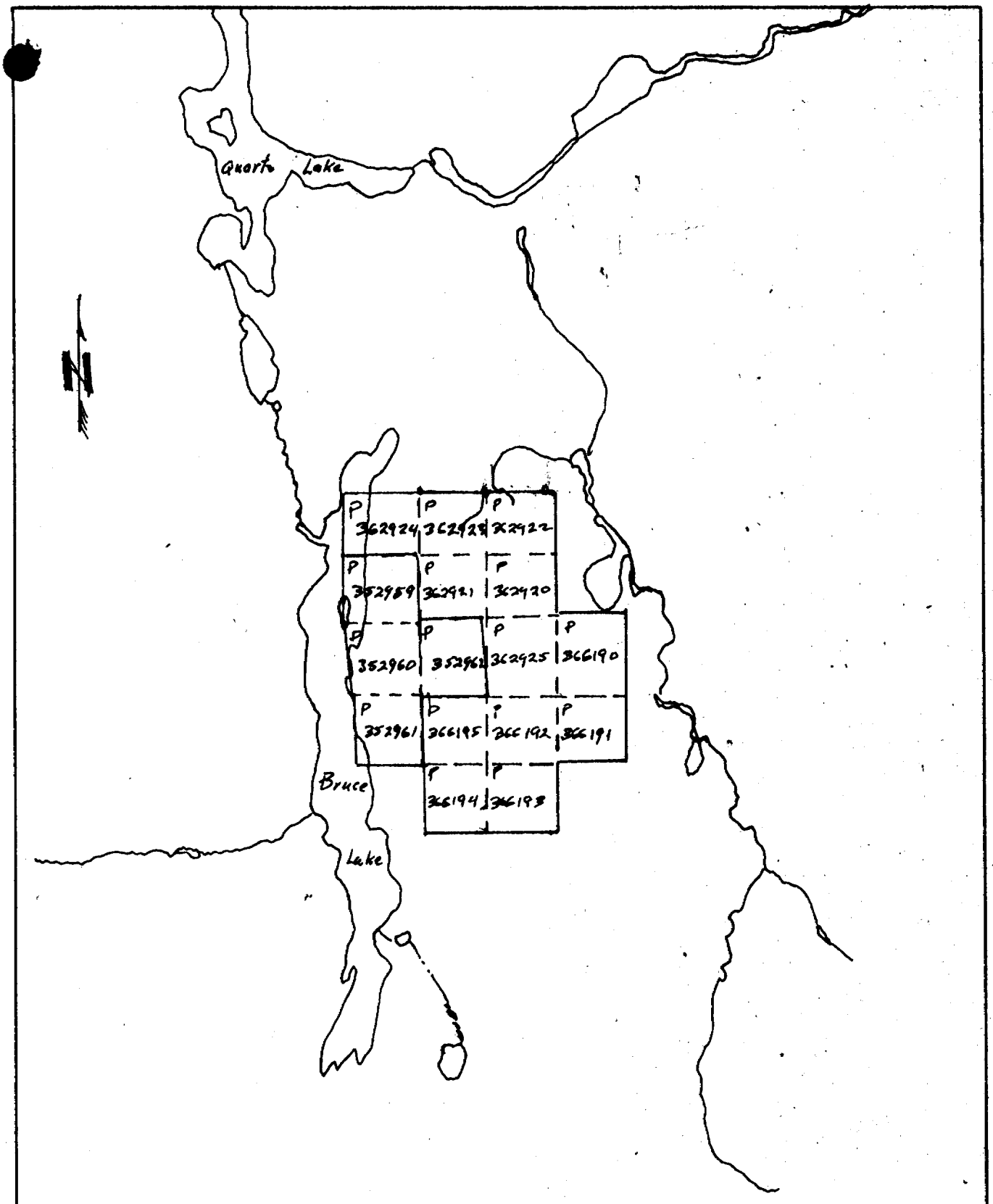
Respectfully submitted,

REGISTERED PROFESSIONAL ENGINEER
TOM GLEDHILL
30/6/73
PROVINCE OF ONTARIO

Tom Gledhill

Tom, Gledhill, B.A. P. Eng.

2.1273



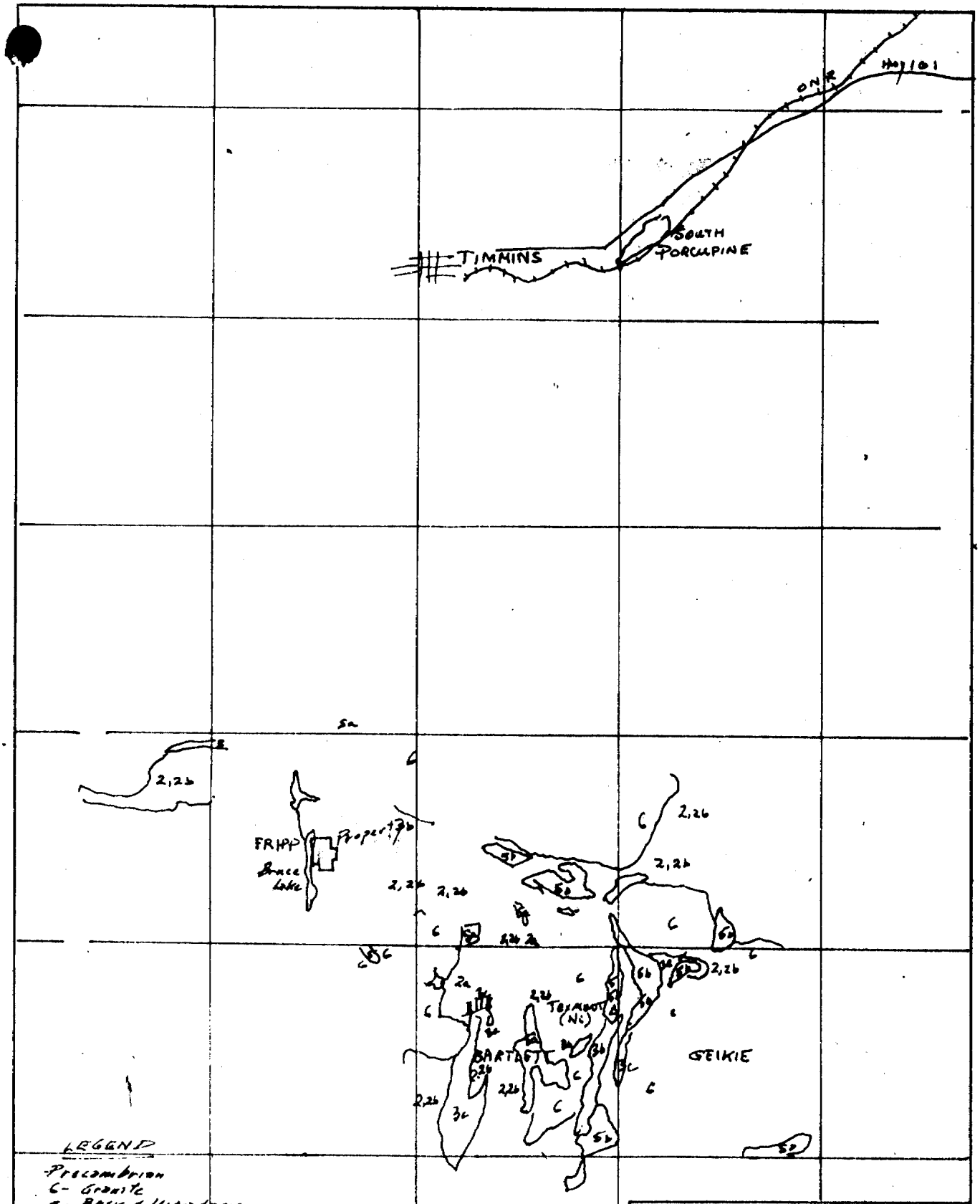
FRIPP TWP.

4M MUSGROVE TWP. 3M 2M

CONSOLIDATED TACHE MINES & INVESTMENTS LTD.
TYPE OF SURVEY
AREA CLAIM MAP
LOCATION FRIPP TWP, PORCUPINE M.D. ONTARIO

DRAWN BY	SCALE 1" = 2640'	DATE 5/7/92
TRACED BY TLG	MAP No NTS REF	REVISED 30/6/93

TO ACCOMPANY Report
BY TLG DATE 30/6/93



LEGEND

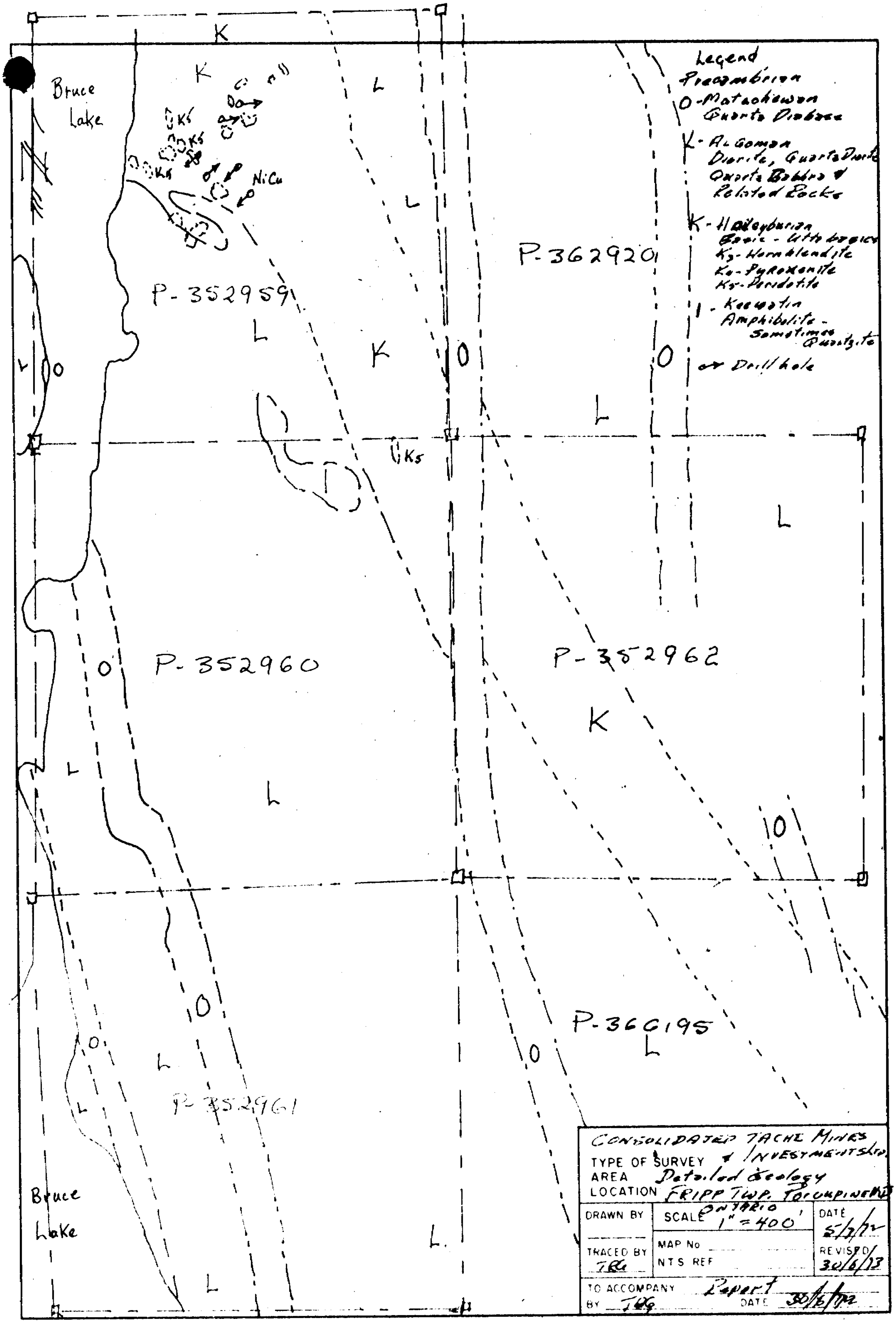
Precambrian
6 - Granite
3 - Basic & Ultrabasic
- b peridotite, dunite
3 - Sediments
- b Tuff
- c Schist
2 - Basic volcanics
- b intermediate sediments

CONSOLIDATED TACHE MINES & INVESTMENTS LTD.
TYPE OF SURVEY GENERAL GEOLOGY
AREA FRIPP TWP.
LOCATION PORCUPINE M.D. ONTARIO

DRAWN BY	SCALE 1" = 4 MILES	DATE 5/7/72
TRACED BY TPG.	MAP No NTS REF	REVISED 30/6/73

TO ACCOMPANY Report
BY TPG. DATE 30/6/73

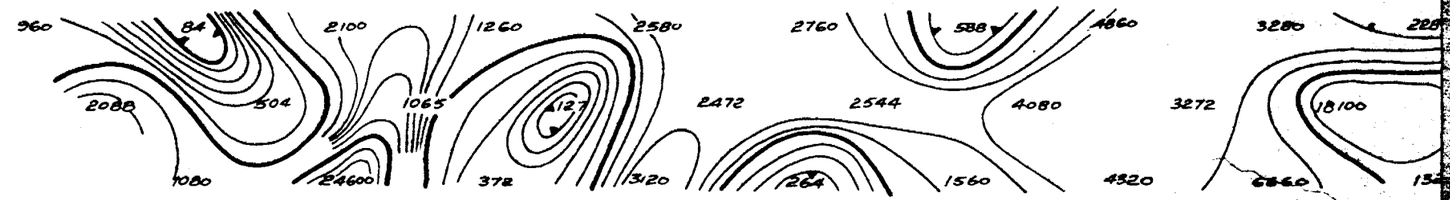
from OPAP Map 2046

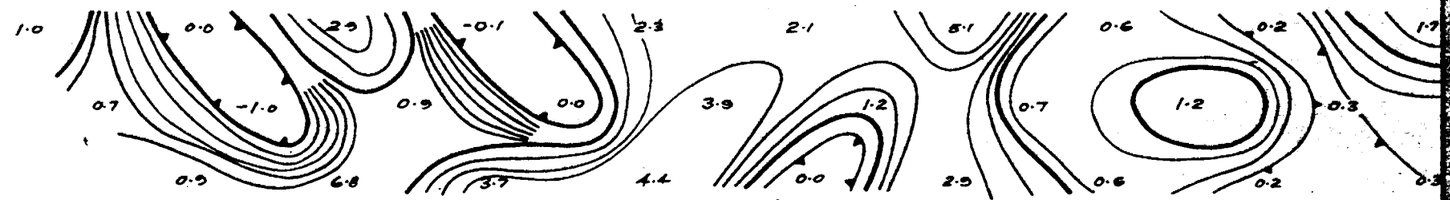


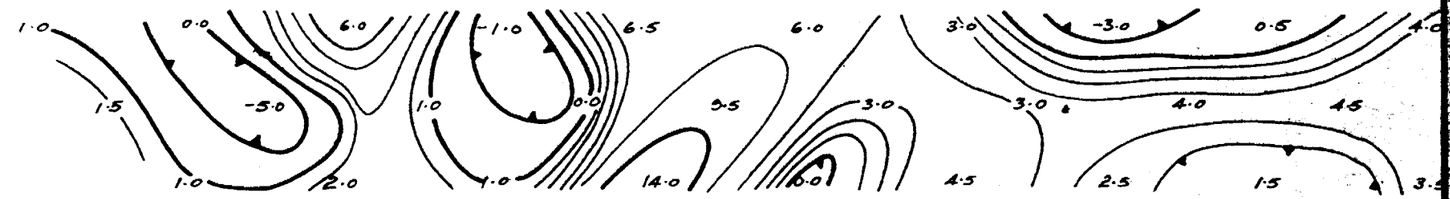
Bruce Lake
P-352959
P-362920
P-352960
P-352962
P-366195
P-352961
NiCu
Legend
Precambrian
O-Matachewan Quartz Diabase
K-Algoman Diorite, Quartz Diorite Quartz Gabbro & Related Rocks
K-Haliburian Basic - Ultrabasics
K3-Hornblendite
K4-Pyroxenite
K5-Peridotite
L-Keewatin Amphibolite - Sometimes Quartzite
Drill hole
Bruce Lake
CONSOLIDATED TACHE MINES & INVESTMENTS LTD.
TYPE OF SURVEY
AREA Detailed Geology
LOCATION FRIPP TWP. PORCUPINE M.D. ONTARIO
DRAWN BY
SCALE 1" = 400'
DATE 5/7/72
TRACED BY TRG
MAP No
NTS REF
REVISED 30/6/73
TO ACCOMPANY Report
BY TRG
DATE 30/6/72

Lake

00 6E 12E



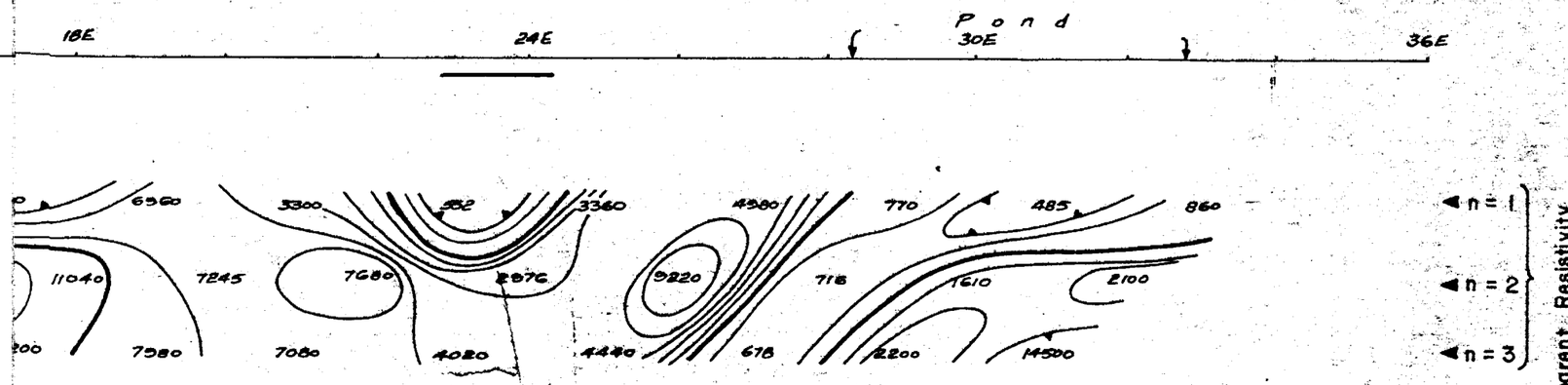


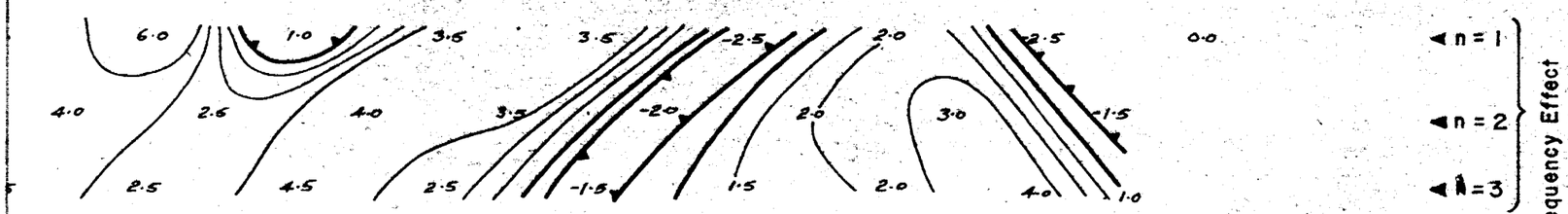


INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

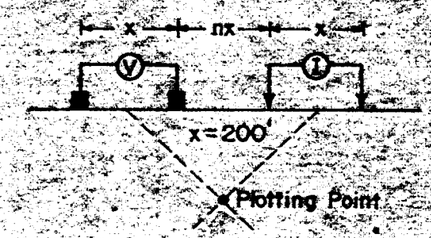
FRIPP TOWNSHIP GROUP ONTARIO

LINE Nº 3S





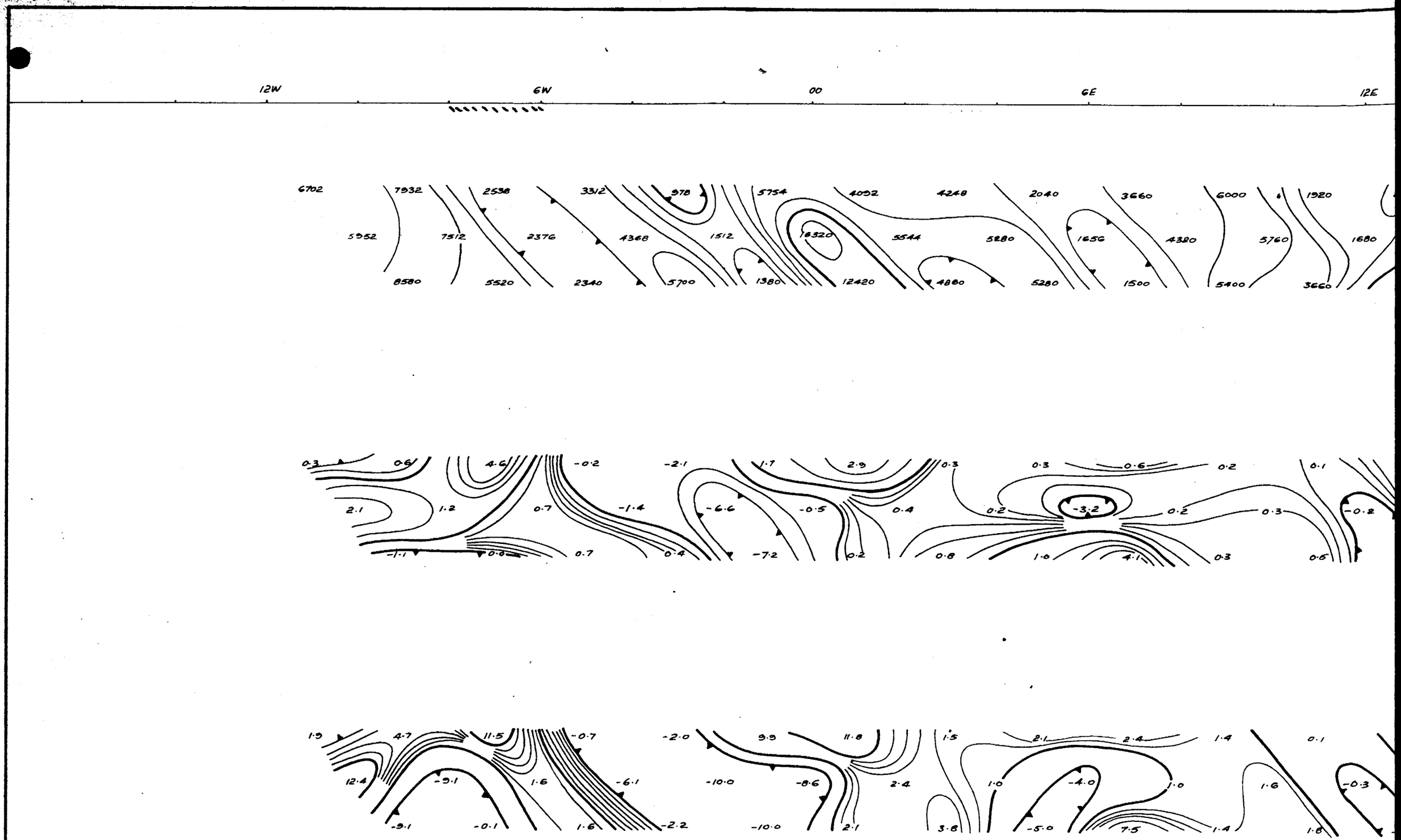
ELECTRODE CONFIGURATION



SCALE 1" = 200 feet, DATE March 1973

Contours of logarithmic multiples of
10, 15, 20, 30, 50, 75 & 100

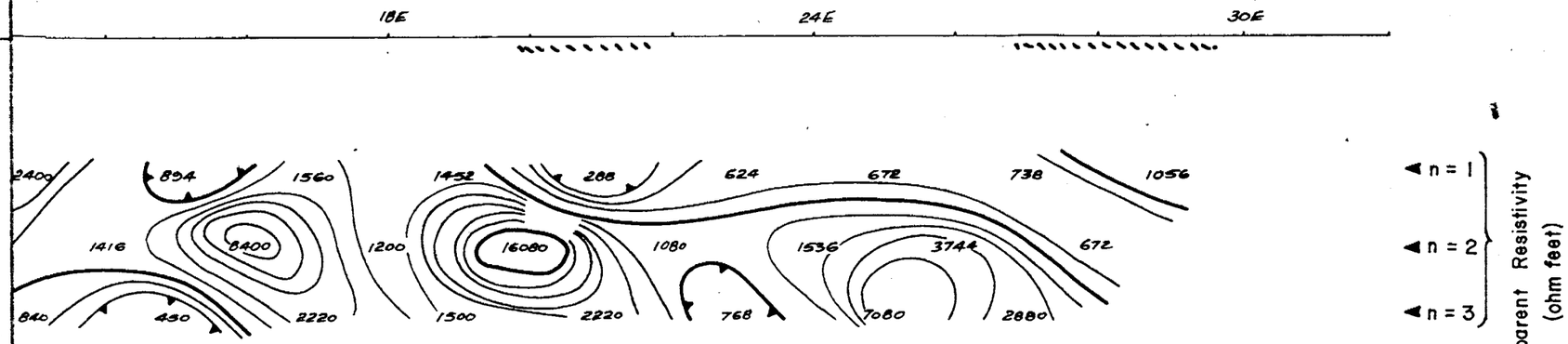
LINE Nº 3S


12W
6W
00
6E
12E
6702
7932
2538
3312
978
5754
4052
4248
2040
3660
6000
1920
5952
7512
2376
4368
1512
16320
5544
5280
1656
4380
5760
1680
8580
5520
2340
5700
1380
12420
4860
5280
1500
5400
3660
0·3
0·6
4·6
-0·2
-2·1
1·7
2·9
0·3
0·3
0·6
0·2
0·1
2·1
1·2
0·7
-1·4
-6·6
-0·5
0·4
0·2
-3·2
0·2
0·3
-0·2
-1·1
0·0
0·7
0·4
-7·2
0·2
0·8
1·6
4·1
0·3
0·5
1·9
4·7
11·5
-0·7
-2·0
9·9
11·8
1·5
2·1
2·4
1·4
0·1
12·4
-9·1
1·6
-6·1
-10·0
-8·6
2·4
1·0
-4·0
1·0
1·6
-0·3
-9·1
-0·1
1·6
-2·2
-10·0
2·1
3·8
-5·0
7·5
1·4
1·8

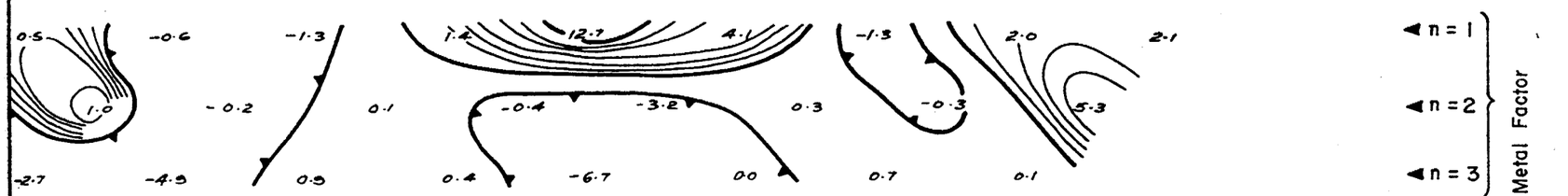
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

LINE Nº 11S

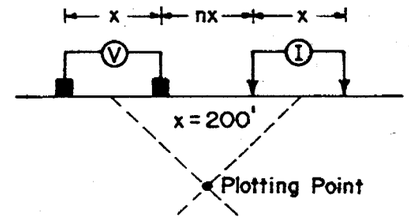


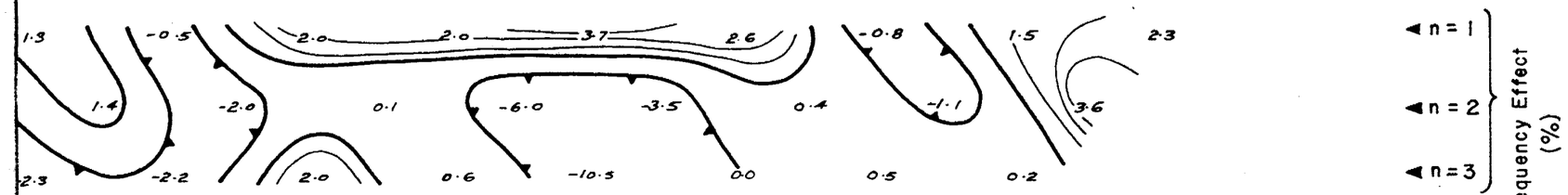
◄ n = 1
◄ n = 2
◄ n = 3
Apparent Resistivity (ohm feet)



◄ n = 1
◄ n = 2
◄ n = 3
Metal Factor

ELECTRODE CONFIGURATION





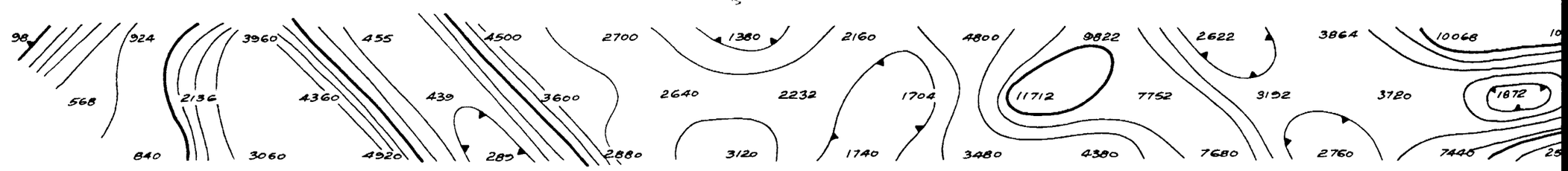
◄ n = 1
◄ n = 2
◄ n = 3
Frequency Effect (%)

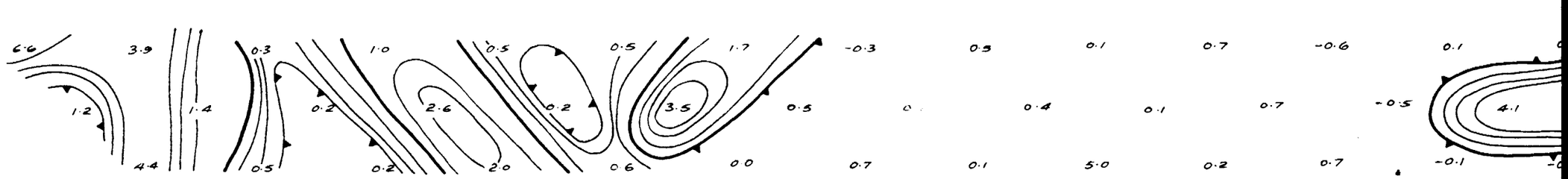
SCALE 1" = 200 feet, DATE March 1973

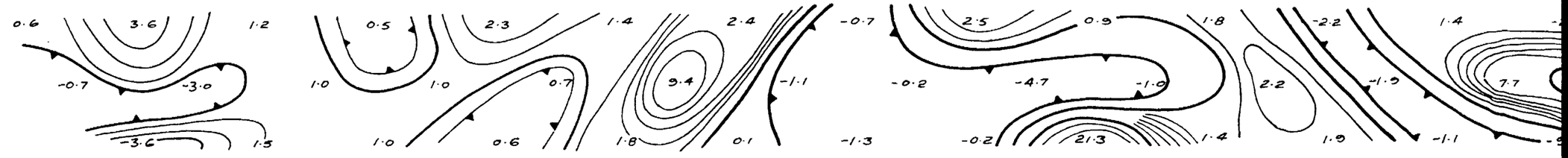
Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 11S

18W 12W 6W 00 6E



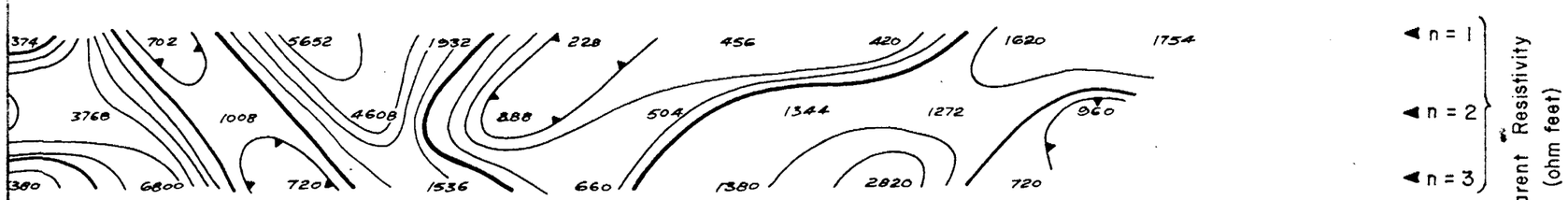


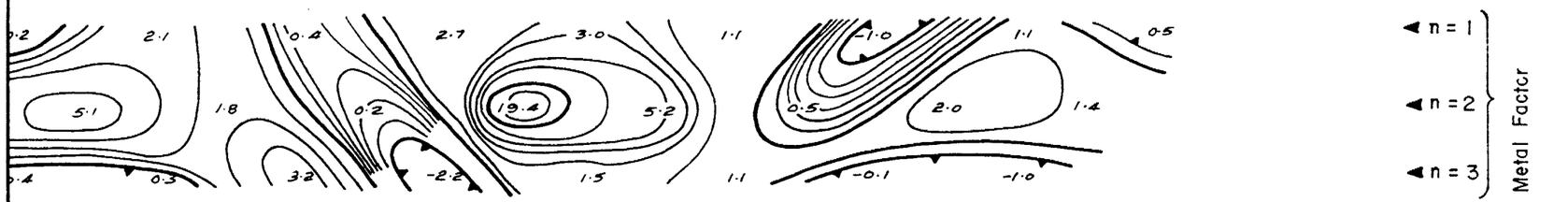


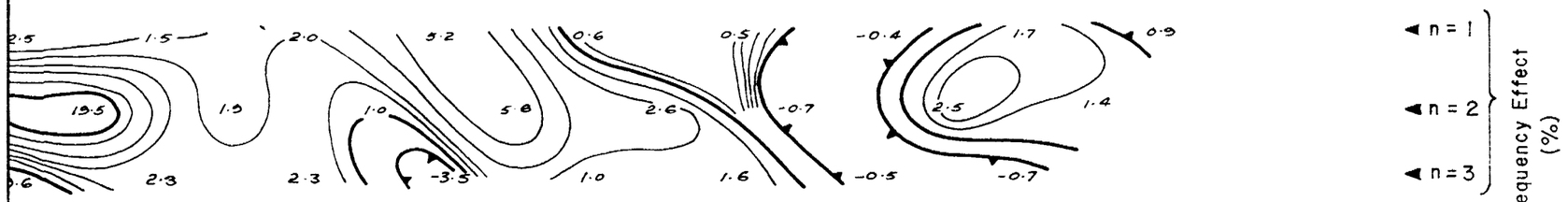
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

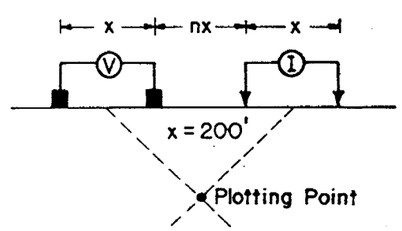
LINE Nº 9S







ELECTRODE CONFIGURATION

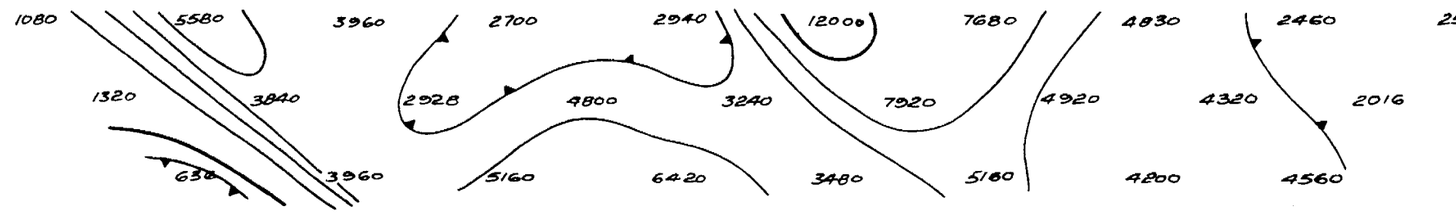


SCALE 1" = 200 feet, DATE March 1973

Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE NO 9S

6W 00 6E 12E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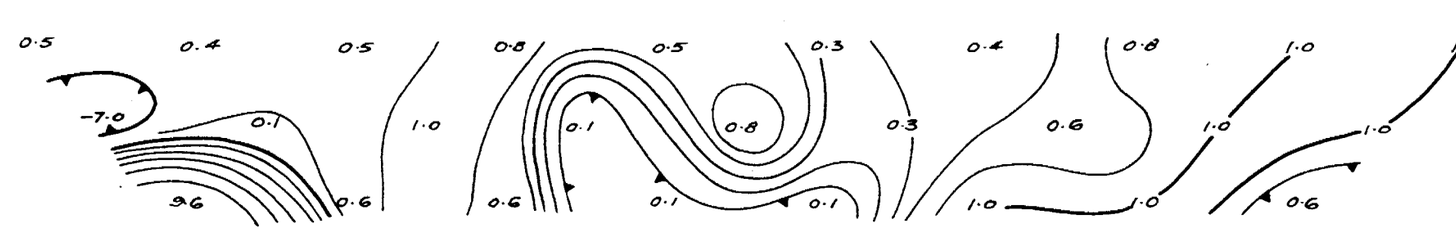
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0.8
0.5
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0.4
0.8
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0.1
0.8
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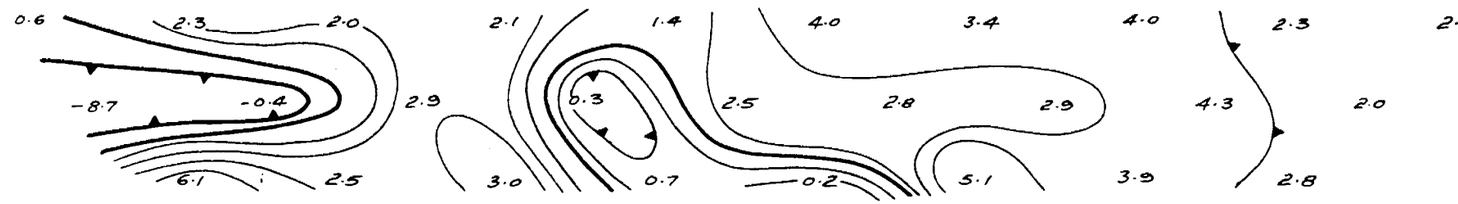
0.6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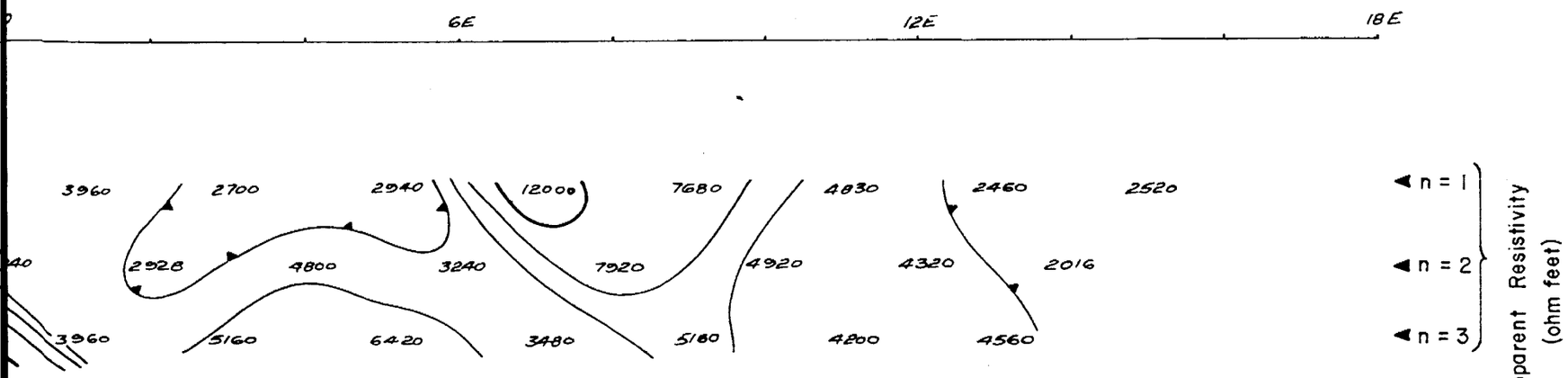
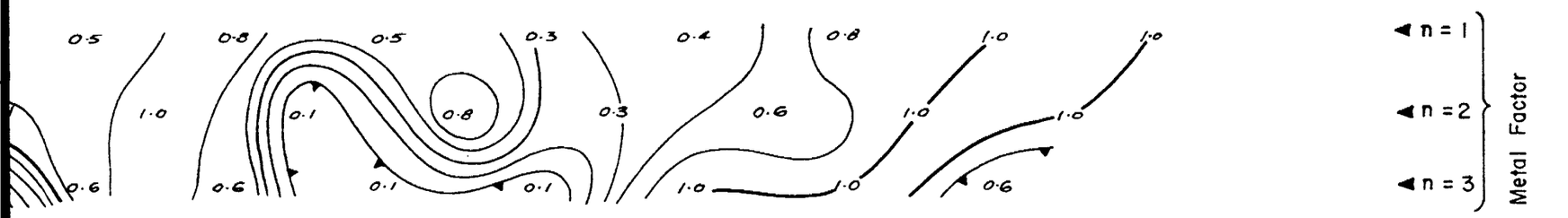
0.3
2.5
2.8
2.9
4.3
2.0
6.1
2.5
3.0
0.7
0.2
5.1
3.9
2.8

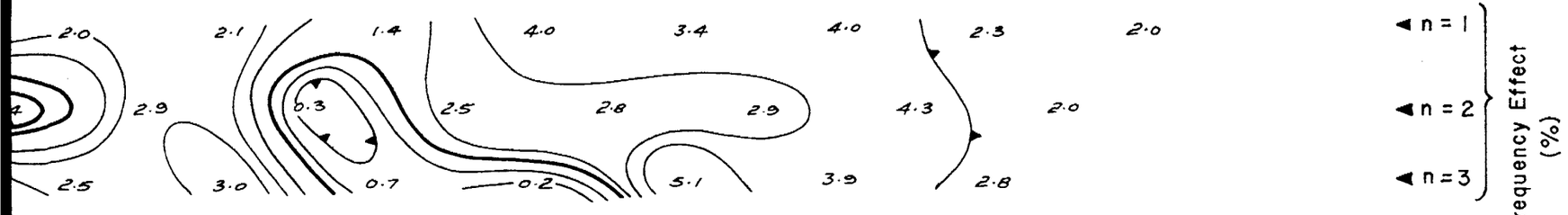
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

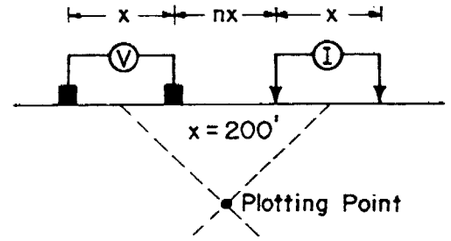
LINE No. 8S







ELECTRODE CONFIGURATION



SCALE 1" = 200 feet, DATE March 1973

Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE No 8S

12W 6W 00 6E 12E

404 1020 1500 1560
317 1800 1368 2400
580 1260 2160

2820 840 5960 4620 2220 3120
2400 1032 7680 2496 1992 3360
2940 2520 1440 4080 5580 4500

4200 6156 7158 1848 468 7380
2160 4632 2068 864 2424
2780 1440 N.R. 1560 2220 960

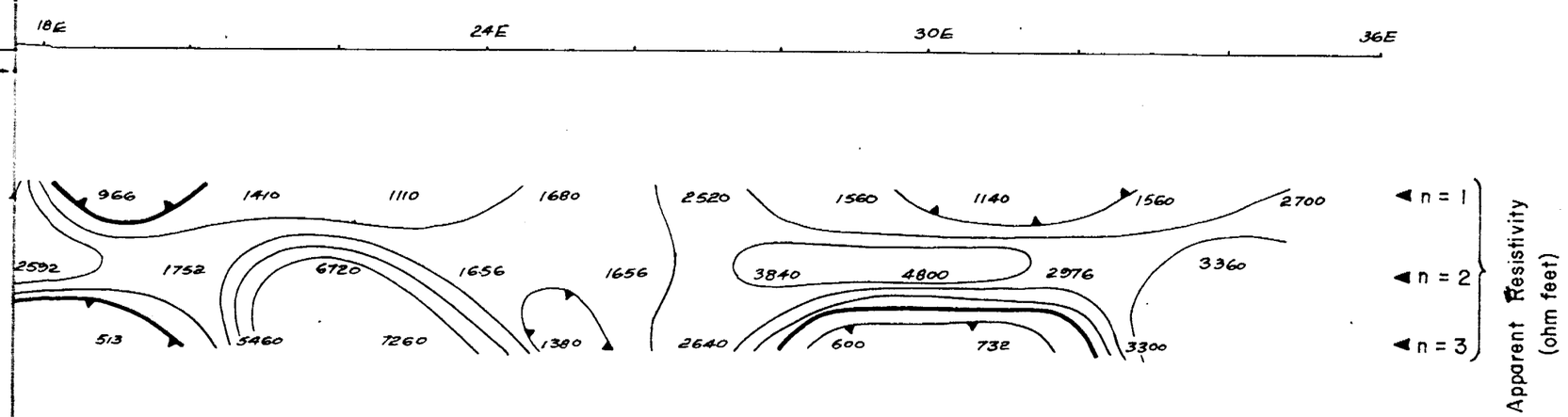
4.4 4.0 1.9 3.4 0.8 7.4 0.2 -0.1 -1.2 -0.3 0.0 0.5 1.7 -1.4 6.8 0.1
15.1 -2.3 1.1 0.5 2.8 3.2 0.2 2.1 3.8 0.6 -0.5 2.0 4.1 5.5 0.1
-5.0 0.5 0.6 -3.2 0.8 2.5 0.4 1.4 0.1 0.7 3.1 N.R. 1.0 2.2 -3.9

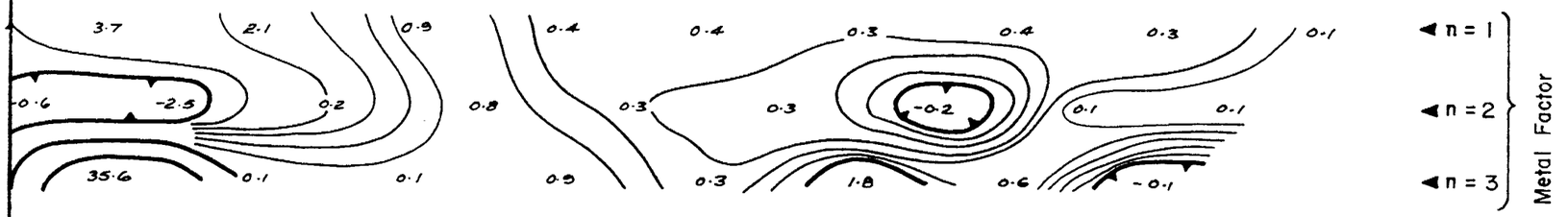
1.8 4.1 2.5 1.7 2.3 6.0 1.1 0.7 -2.7 -0.1 0.0 2.9 -1.2 -2.6 3.2 0.5
4.8 -3.8 1.2 5.7 6.8 3.3 1.4 5.3 7.6 2.1 -2.0 9.3 8.3 4.4 -0.2
-2.9 0.7 1.0 -5.3 2.1 3.6 2.1 -7.7 0.4 1.9 -4.5 N.R. 1.5 4.9 -3.5

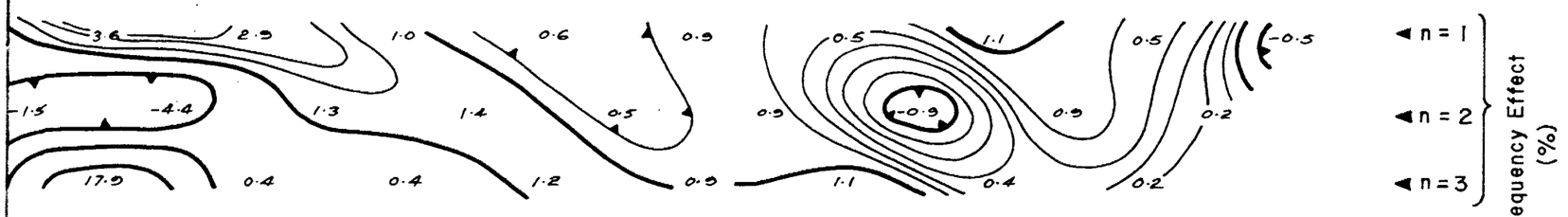
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

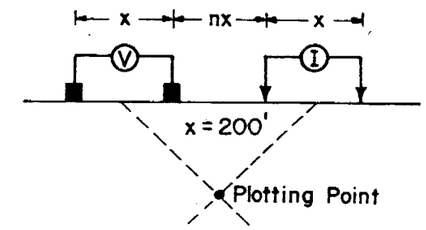
LINE Nº 7S







ELECTRODE CONFIGURATION

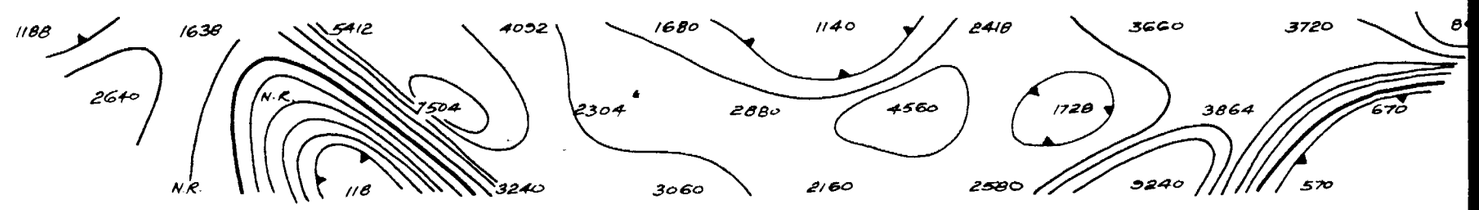


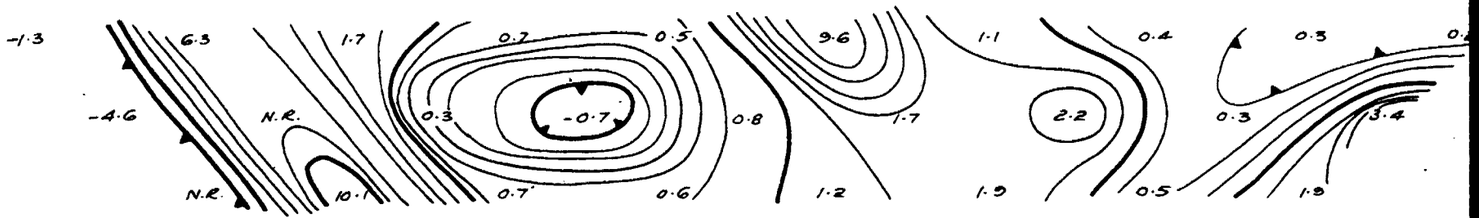
SCALE 1" = 200 feet, DATE March 1973

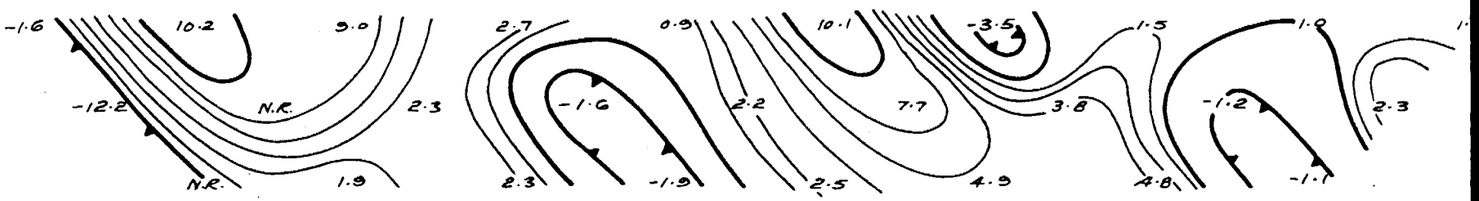
Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 7S

6W 00 6E 12E


1188
1638
5412
4052
1680
1140
2418
3660
3720
2640
N.R.
7504
2304
2880
4560
1728
3864
670
N.R.
118
3240
3060
2160
2580
3240
570

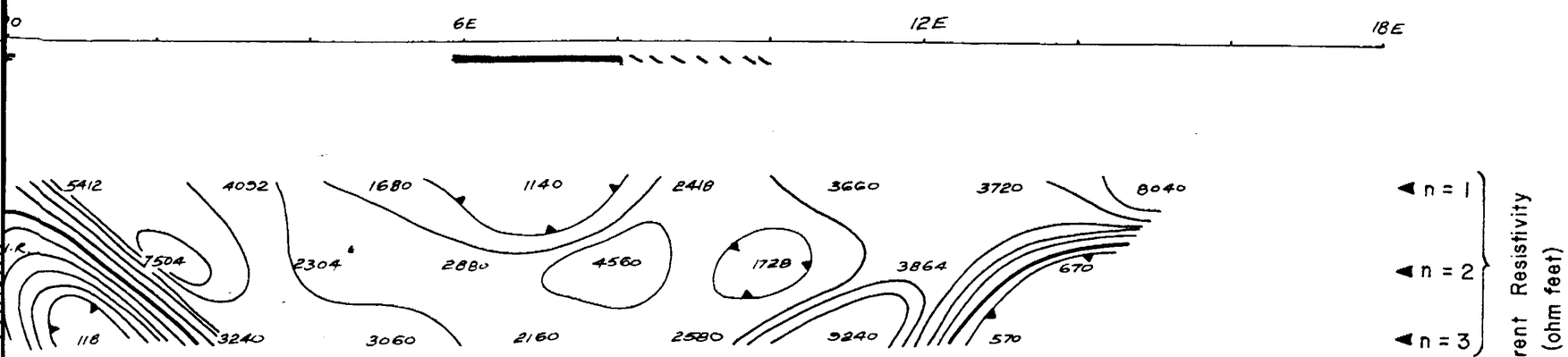

-1·3
6·3
1·7
0·7
0·5
9·6
1·1
0·4
0·3
-4·6
N.R.
0·3
-0·7
0·8
1·7
2·2
0·3
3·4
N.R.
10·1
0·7
0·6
1·2
1·9
0·5
1·9

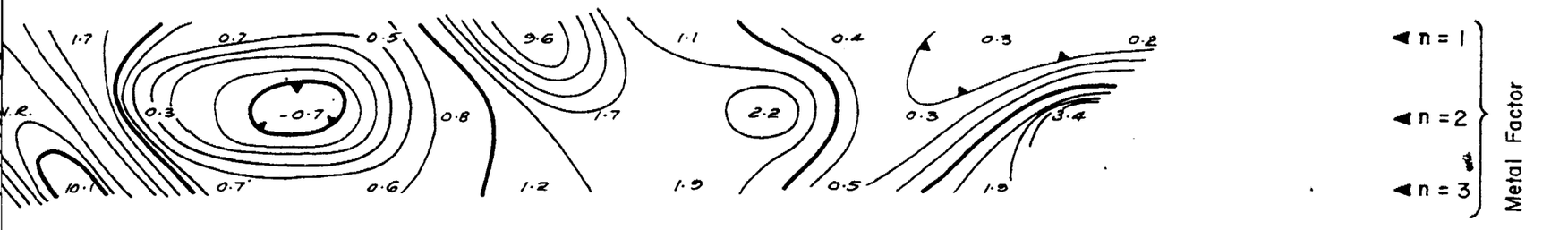

-1·6
10·2
9·0
2·7
0·9
10·1
-3·5
1·5
1·0
-12·2
N.R.
2·3
-1·6
2·2
7·7
3·8
-1·2
2·3
N.R.
1·9
2·3
-1·9
2·5
4·9
4·8
-1·1

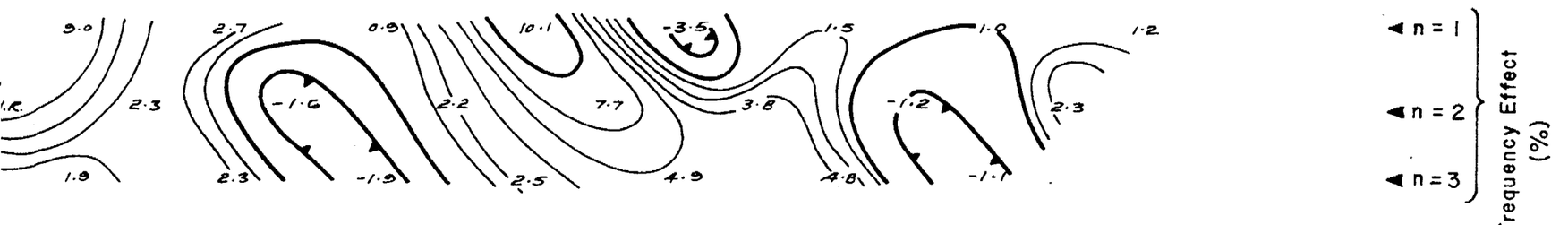
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

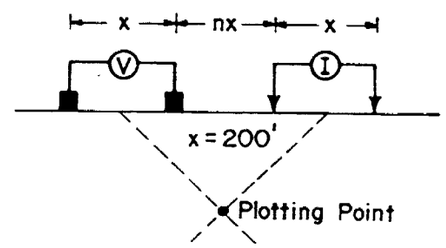
LINE Nº 6S







ELECTRODE CONFIGURATION



SCALE 1" = 200 feet, DATE March 1973

Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 6S

4W 00 6E 12E 18E 24E

840 960 984 7080 4620 2100 678 540 5040 5862 3540 5920 2100 5910 2340
672 1656 2400 9120 2640 1004 3840 2640 3864 4608 7728 4320 4392 8520 6000
1260 3660 2760 3060 1122 3900 1860 2220 2280 8820 6060 7380 4380 16860

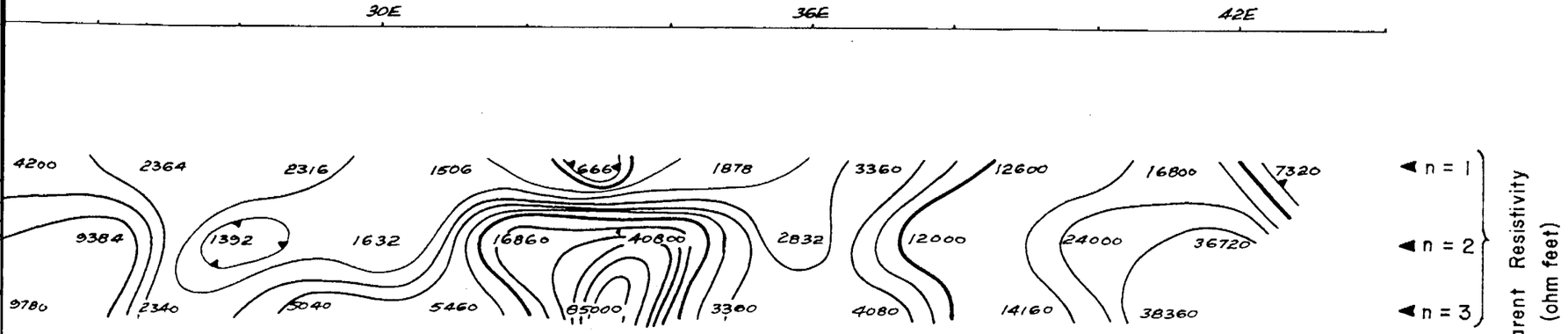
0·6 1·5 0·7 0·3 0·4 -0·5 23·0 86·0 0·4 0·4 0·1 0·5 1·1 0·6 5·4
4·0 -1·0 1·2 -0·4 -0·4 6·0 N.R N.R -0·1 0·1 -0·1 1·0 -1·1 0·2 1·2
-2·1 0·2 0·6 -0·3 5·0 0·6 1·1 1·3 0·3 0·0 0·1 -0·5 0·4 0·9

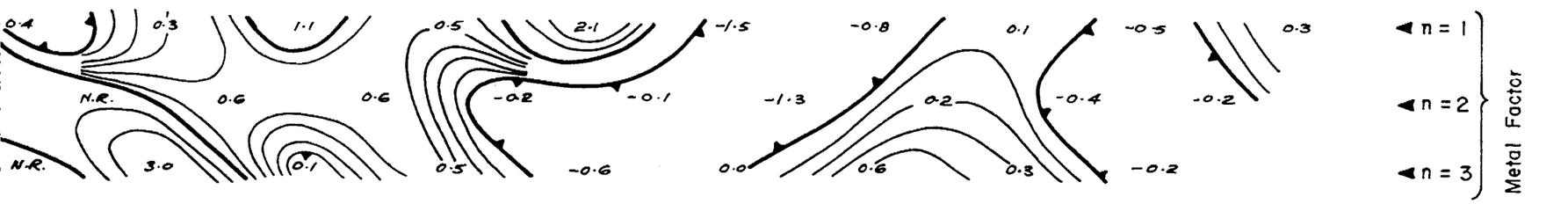
0·5 1·4 0·7 1·9 1·8 -1·0 15·5 14·0 2·0 2·6 0·4 3·3 2·4 3·7 12·7
2·5 -1·7 2·9 -3·2 -1·0 6·2 N.R. N.R -0·5 0·5 -0·4 4·1 -5·6 1·4 7·0
-2·6 0·9 1·6 -1·0 5·6 2·3 8·0 2·9 0·7 0·3 0·6 -0·4 1·9 1·5

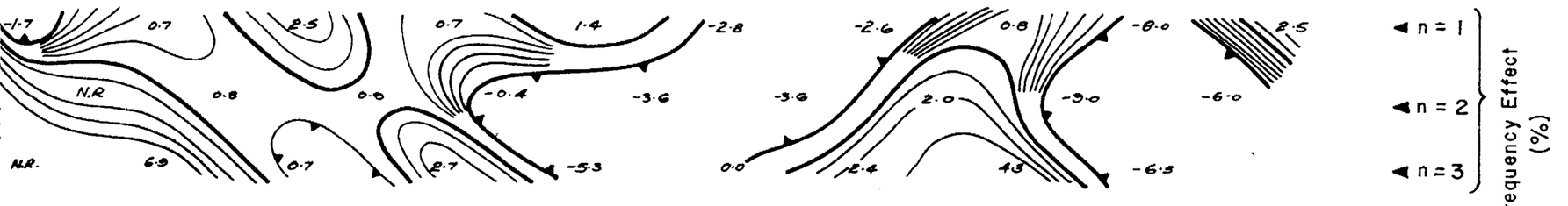
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

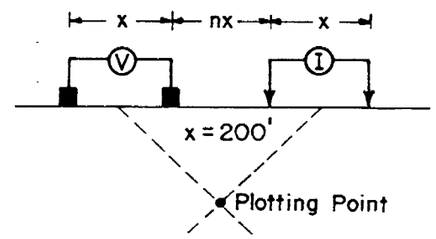
LINE Nº 5S







ELECTRODE CONFIGURATION

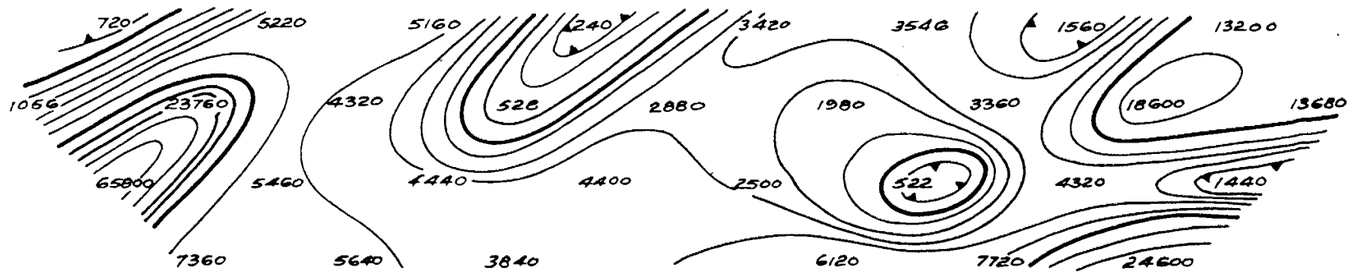


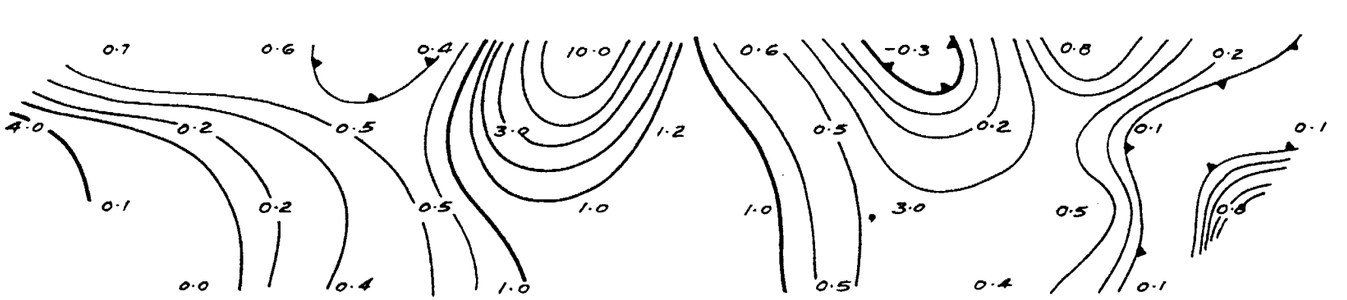
SCALE 1" = 200 feet, DATE March 1973

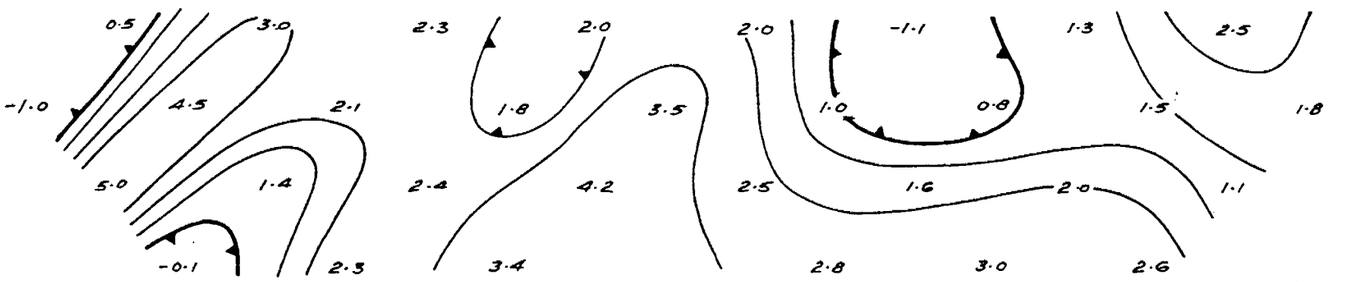
Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 5S

4E 6E 8E 10E 12E



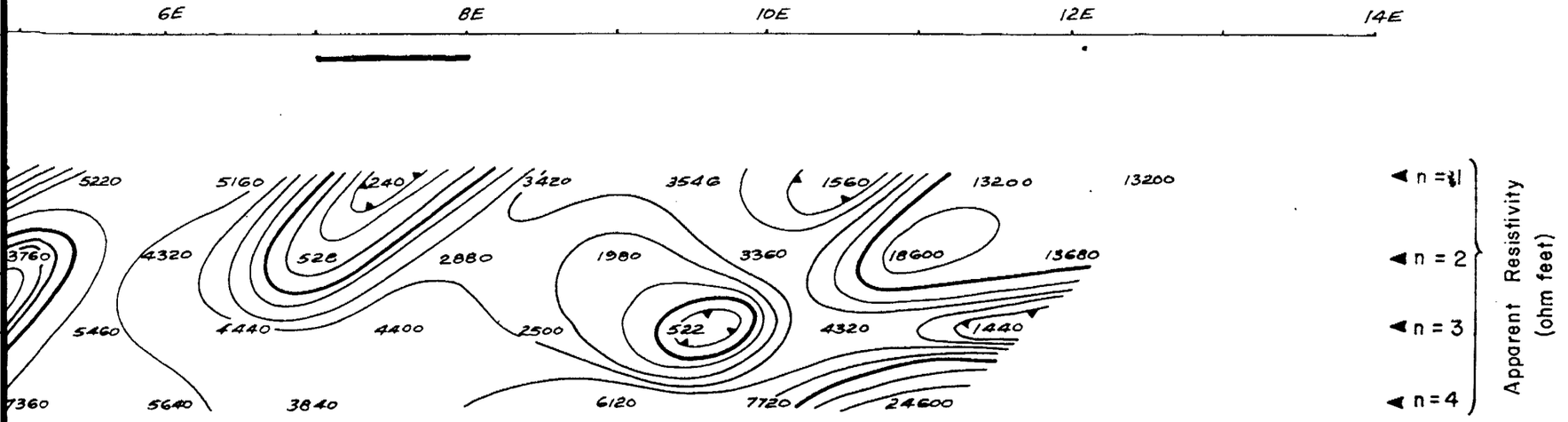


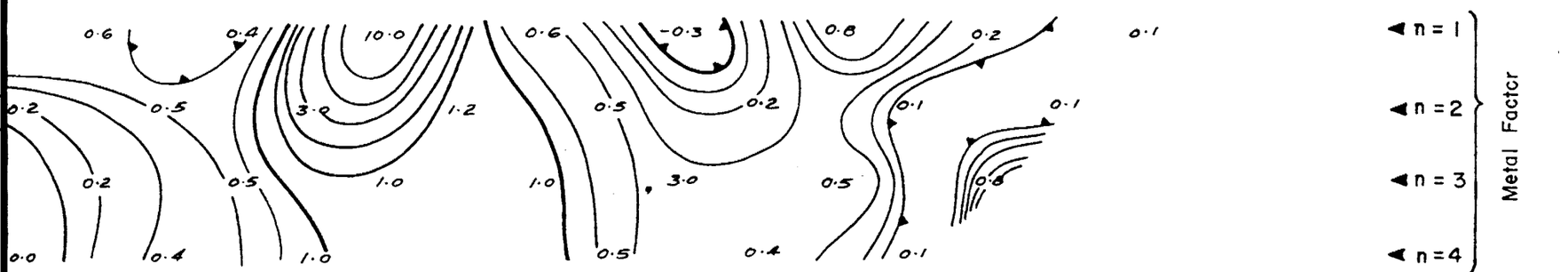


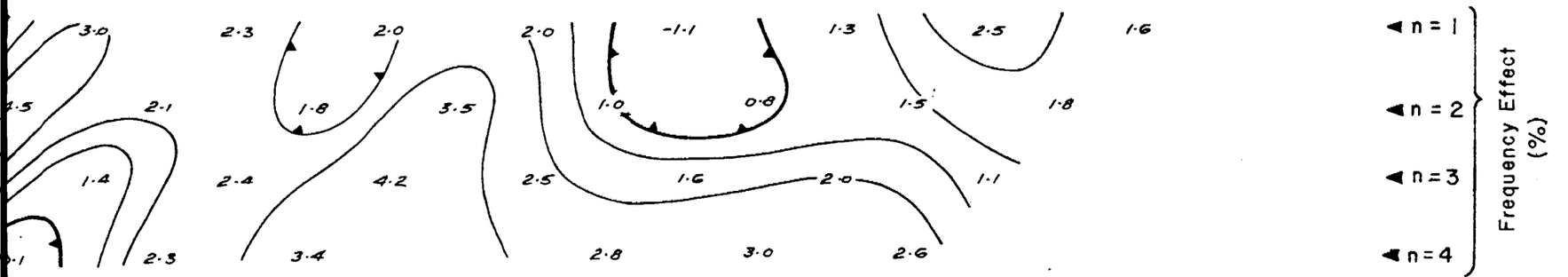
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

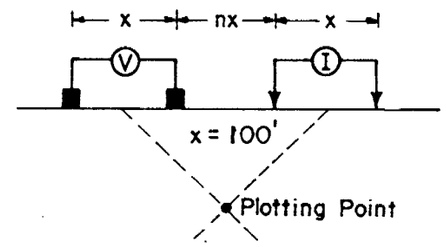
LINE Nº 5S (detail)







ELECTRODE CONFIGURATION

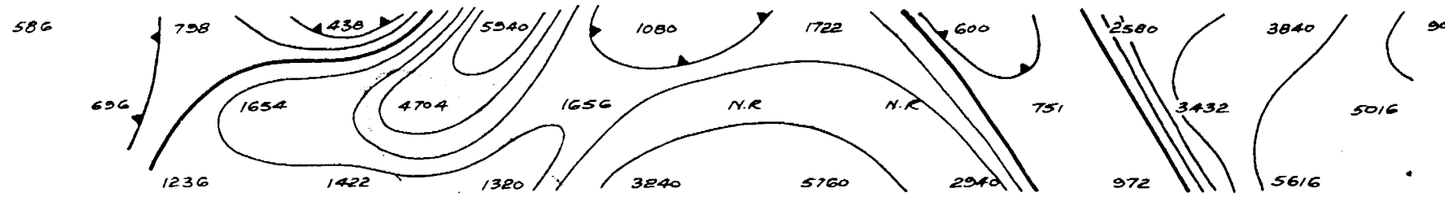


SCALE 1" = 100 feet, DATE March 1973

Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 5S (detail)

6W 00 6E 12E


586
798
438
5540
1080
1722
600
2580
3840
696
1654
4704
1656
N.R
N.R
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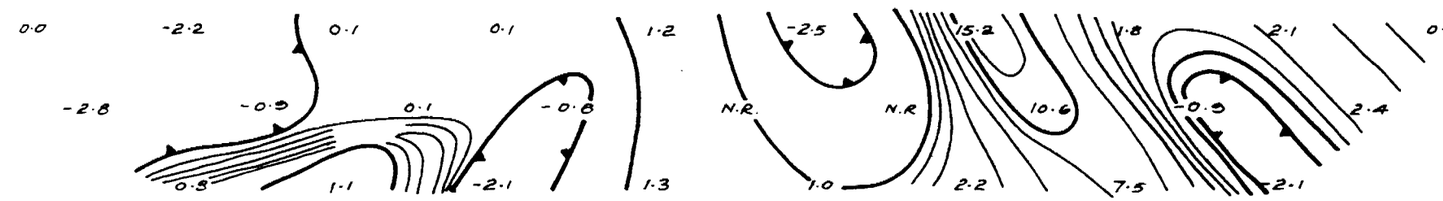
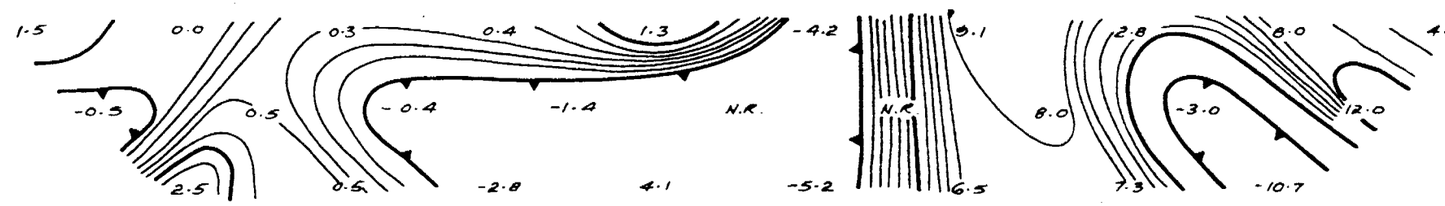
3432
5016
1236
1422
1320
3840
5760
2940
972
5616

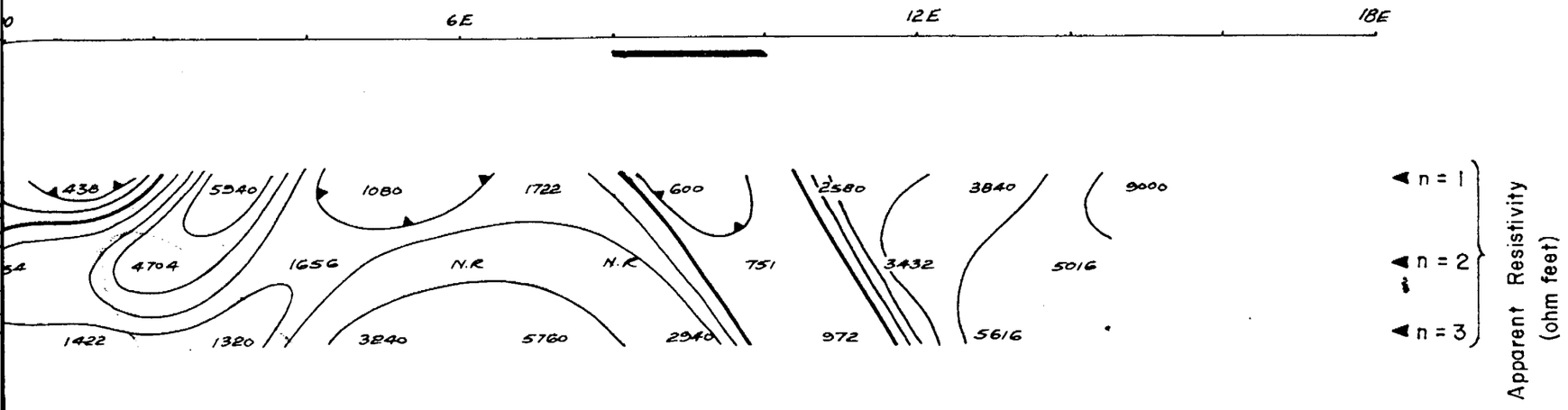

0·0
-2·2
0·1
0·1
1·2
-2·5
5·2
1·8
2·1
-2·8
-0·9
0·1
-0·8
N.R.
N.R
10·6
-0·9
2·4
0·8
1·1
-2·1
1·3
1·0
2·2
7·5
-2·1

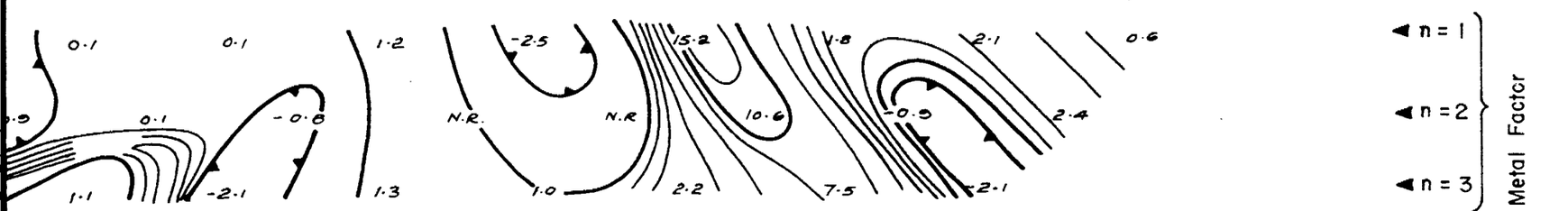

1·5
0·0
0·3
0·4
1·3
-4·2
9·1
2·8
8·0
-0·5
0·5
-0·4
-1·4
N.R.
N.R.
8·0
-3·0
12·0
2·5
0·5
-2·8
4·1
-5·2
6·5
7·3
-10·7

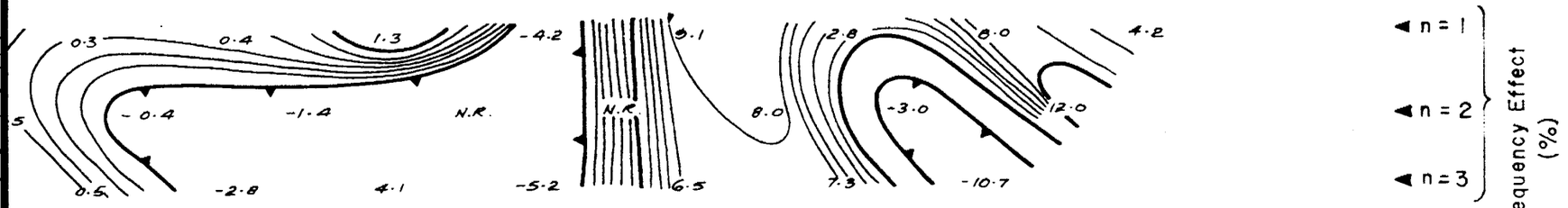
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP
ONTARIO

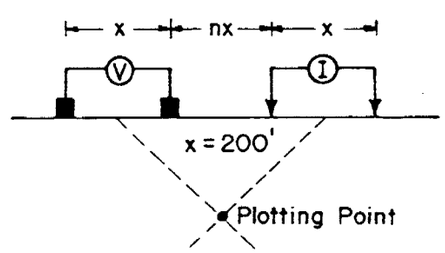
LINE No. 4S







ELECTRODE CONFIGURATION

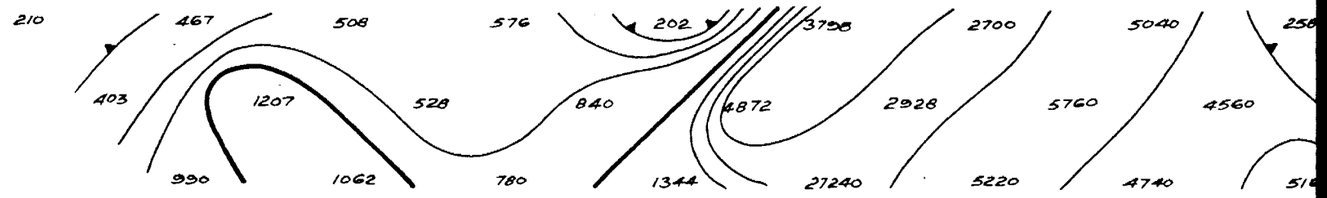


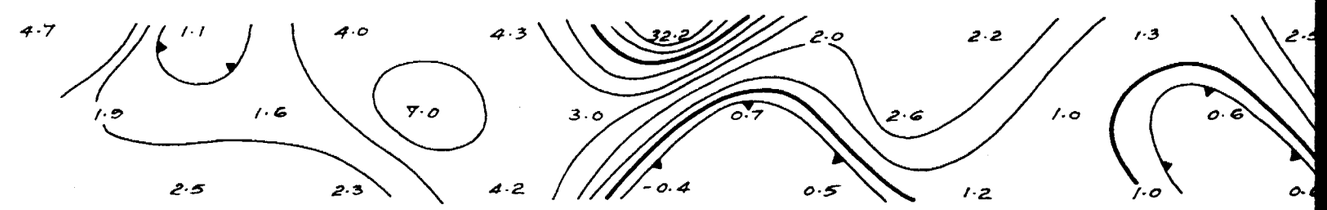
SCALE 1" = 200 feet, DATE March 1973

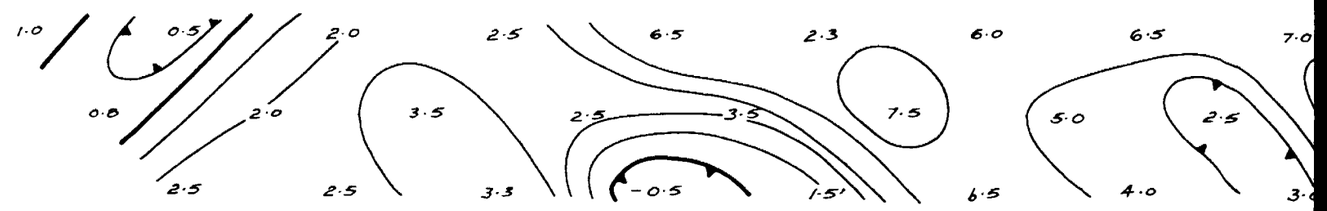
Contours at logarithmic multiples of
10, 15, 20, 30, 50, 75 & 100

LINE No. 4S

4W 00 6E 12E


210
467
508
576
202
3798
2700
5040
403
1207
528
840
4872
2928
5760
4560
990
1062
780
1344
27240
5220
4740

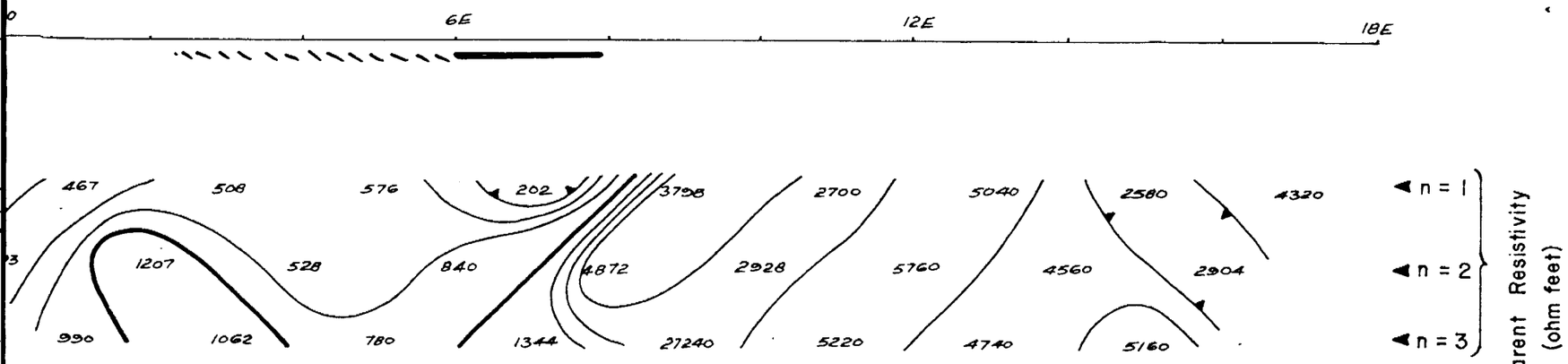

4·7
1·1
4·0
4·3
32·2
2·0
2·2
1·3
1·9
1·6
7·0
3·0
0·7
2·6
1·0
0·6
2·5
2·3
4·2
-0·4
0·5
1·2
1·0

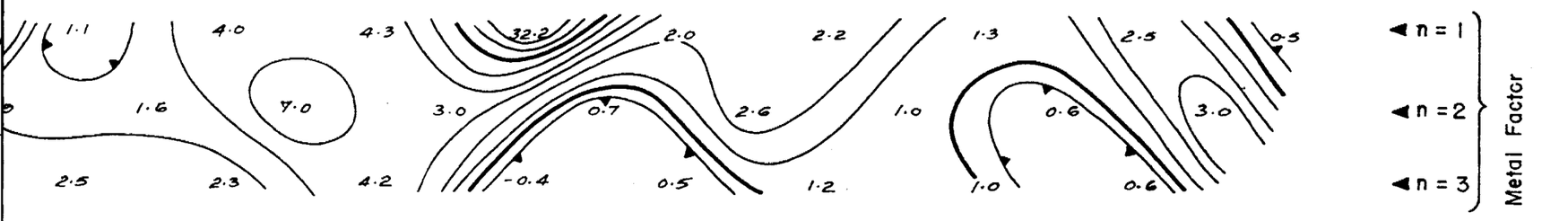

1·0
0·5
2·0
2·5
6·5
2·3
6·0
6·5
7·0
0·0
2·0
3·5
2·5
3·5
7·5
5·0
2·5
2·5
2·5
3·3
-0·5
1·5'
6·5
4·0

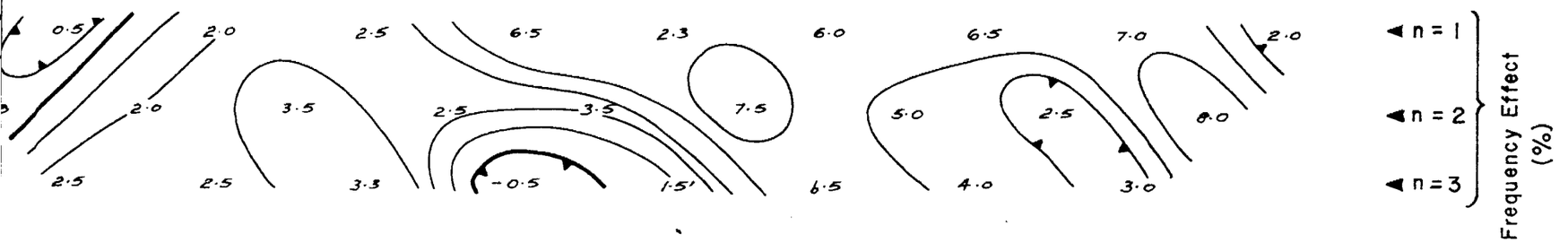
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP
ONTARIO

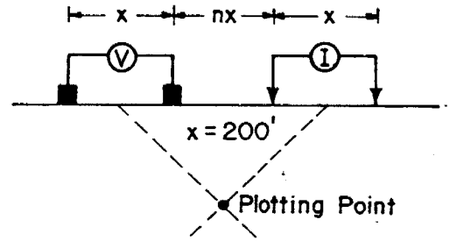
LINE Nº 2S







ELECTRODE CONFIGURATION

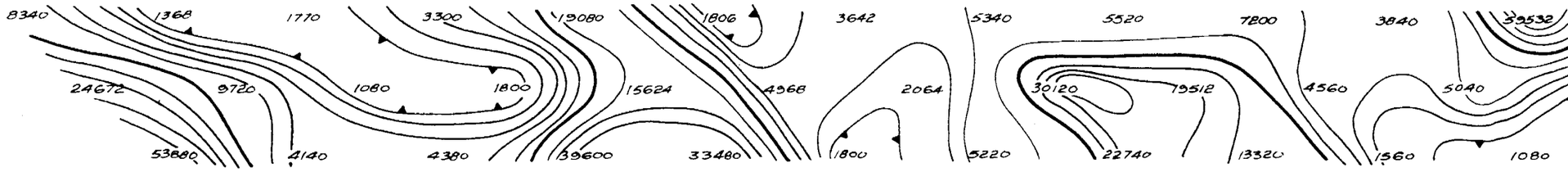


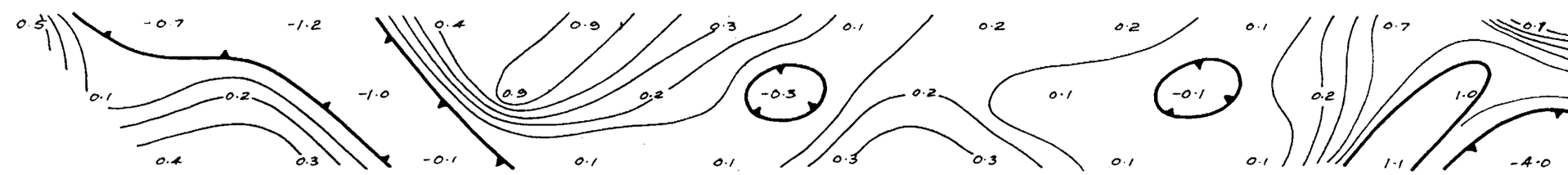
SCALE 1" = 200 feet, DATE March 1973

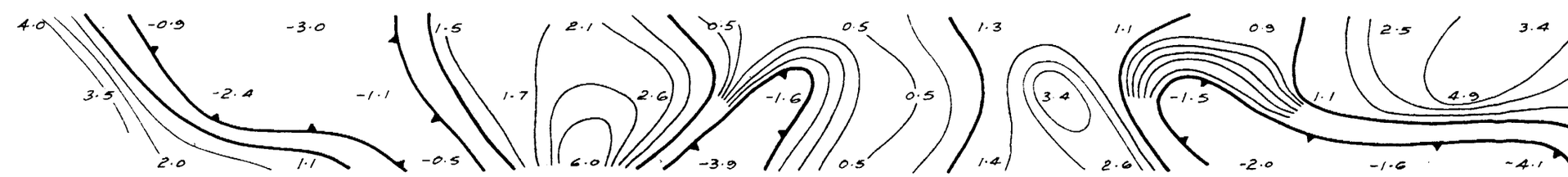
Contours at logarithmic multiples of
10, 15, 20, 30, 50, 75 & 100

LINE Nº 2S

12W 6W 00 6E 12E



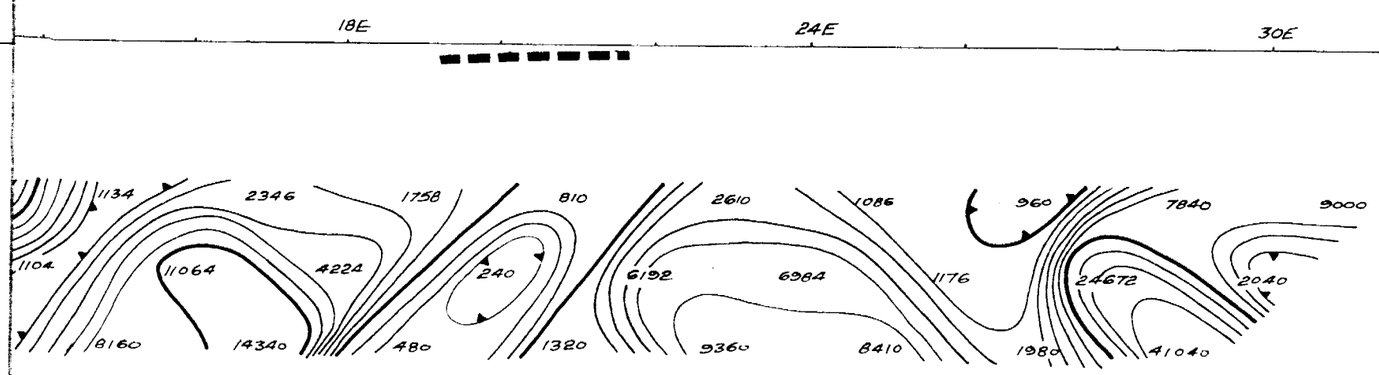




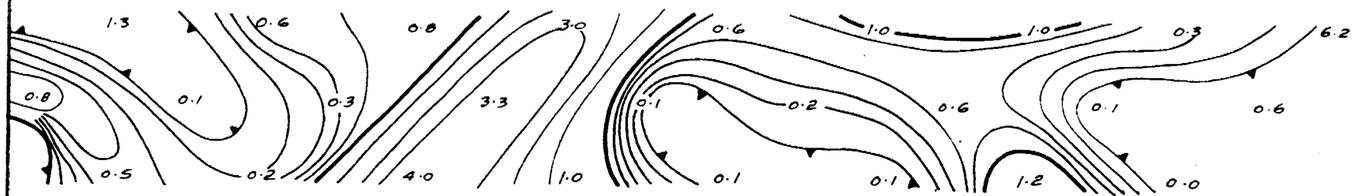
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

LINE Nº 15S

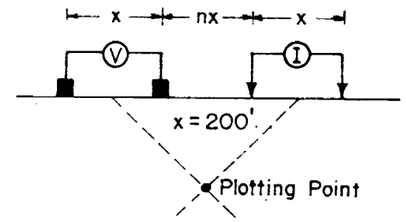


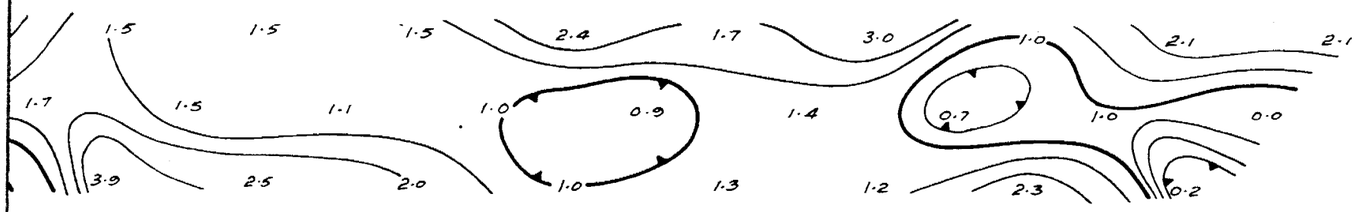
◄ n = 1
◄ n = 2
◄ n = 3
Apparent Resistivity (ohm feet)



◄ n = 1
◄ n = 2
◄ n = 3
Metal Factor

ELECTRODE CONFIGURATION





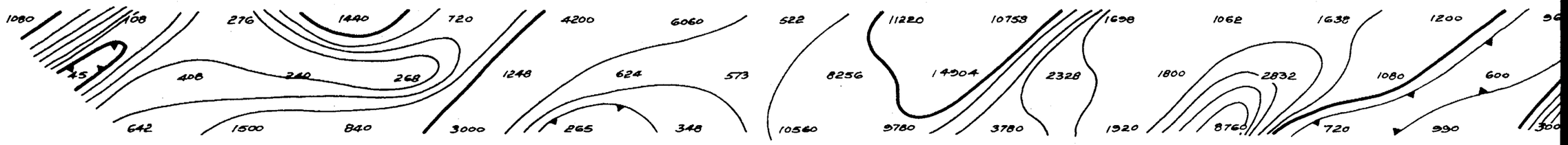
◄ n = 1
◄ n = 2
◄ n = 3
Frequency Effect (%)

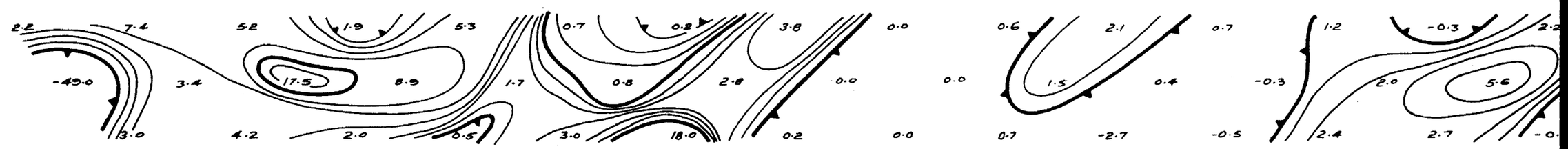
SCALE 1" = 200 feet, DATE March 1973

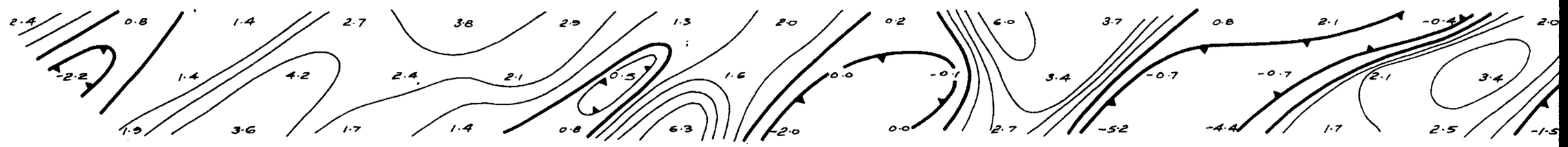
Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE Nº 15S

4W 00 6E 12E 18E



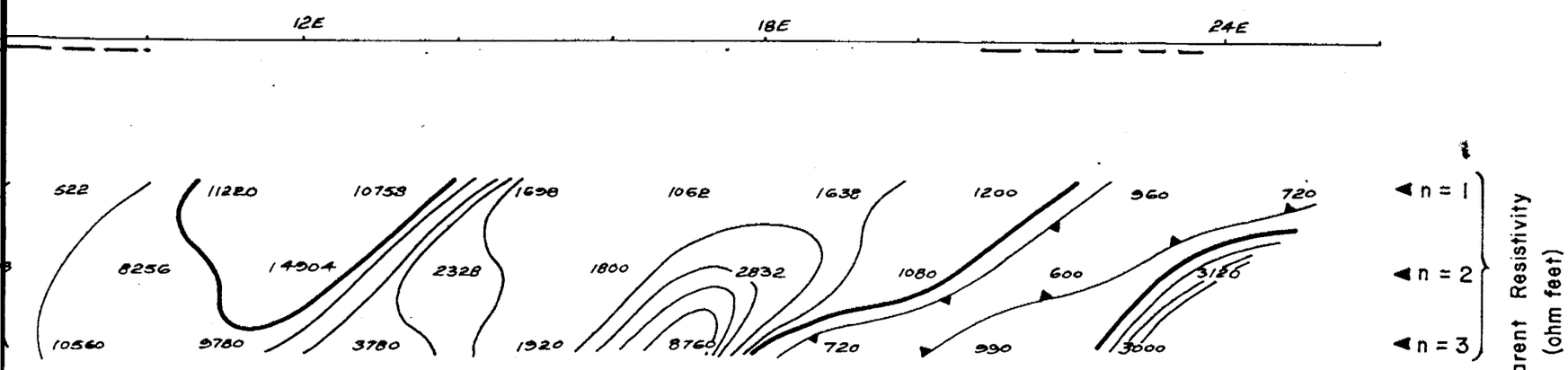


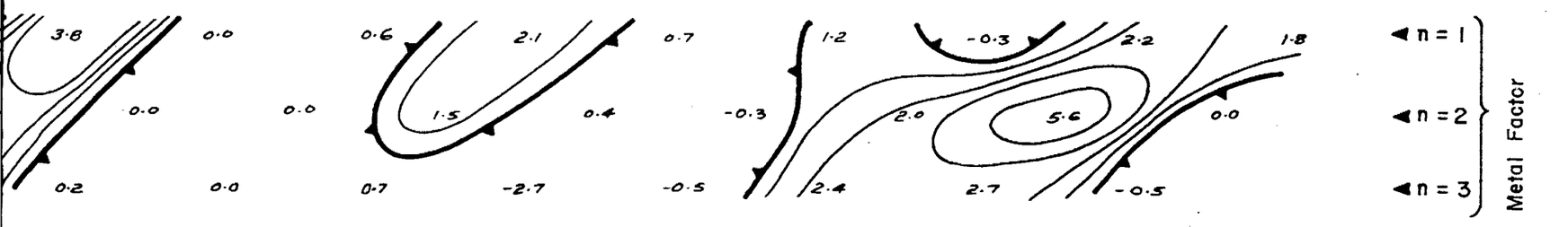


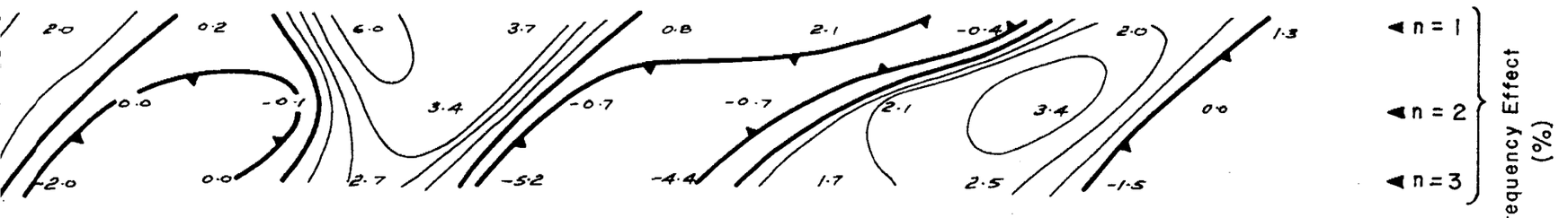
INDUCED POLARIZATION AND RESISTIVITY SURVEY for CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP ONTARIO

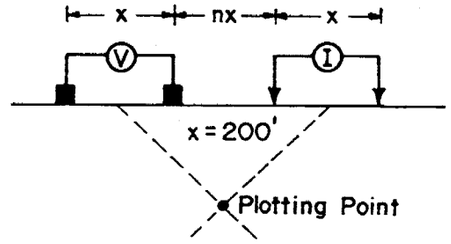
LINE Nº 13S







ELECTRODE CONFIGURATION



SCALE 1" = 200 feet, DATE March 1973

Contours at logarithmic multiples of 10, 15, 20, 30, 50, 75 & 100

LINE NO. 13S

GEOPHYSICAL – GEOLOC
TECHNICAL DAT

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: Induced Polarization

Township or Area: Fraser

Claim holder(s): Consolidated Tesche Mines & Investments Ltd.

Author of Report: Tom Sedwell

Address: 21 Sandalewood Place

Covering Dates of Survey: Dec 1/72 March 31/73
(linecutting to office)

Total Miles of Line cut: 18 miles

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 IP	40
Geological	
Geochemical	

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

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

DATE: Aug 15/73 SIGNATURE: Tom Sedwell
Author of Report or Agent

PROJECTS SECTION

Res. Geol. _____ Qualifications 63.1085

Previous Surveys L.D see attached sheet

Checked by _____ date _____

GEOLOGICAL BRANCH * See "Mandays" breakdown

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
IP	35-2959
	35-2960
	35-2961
	35-2962
	36-2920
	36-2921
	36-2922
	36-2923
	36-2924
	36-2925
	366190
	366191
	366192
	366193
	366194
	366195

TOTAL CLAIMS 16

If space insufficient, attach list

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations 1000 Number of Readings 3000

Station interval 200' and 100'

Line spacing 400'

Profile scale or Contour intervals 200' and 100' per inch

(specify for each type of survey)

MAGNETIC

Instrument

Accuracy - Scale constant

Diurnal correction method

Base station location

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 McPhar 660

Time domain Frequency domain ✓

Frequency 0.3 and 5 c.p.s. Range

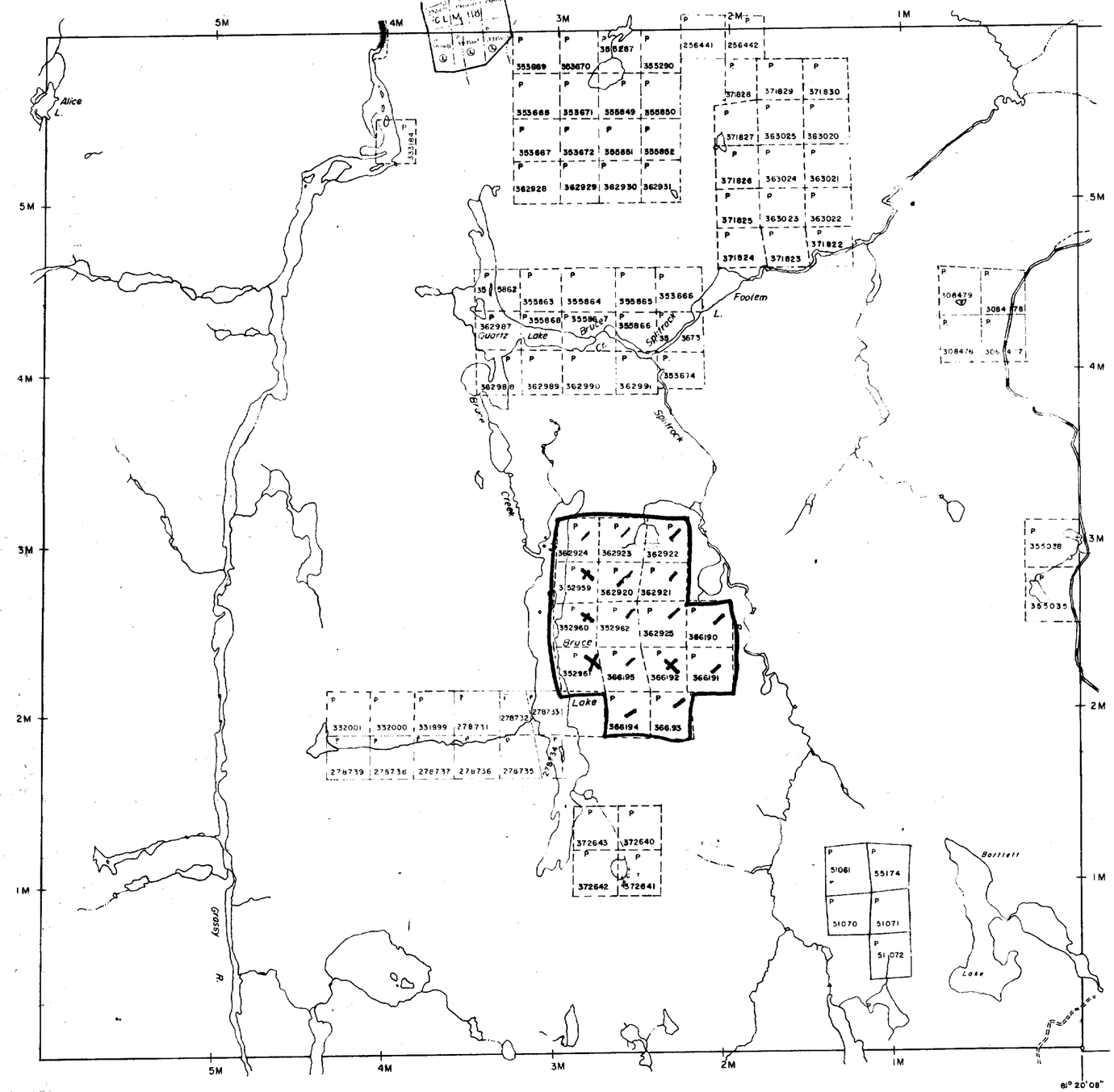
Power

Electrode array dipole - dipole

Electrode spacing 100' and 200'

Type of electrode Stainless steel rods.

PRICE TWP. M.307



McKEOWN TWP. M.299

McARTHUR TWP. M.298

MUSGROVE TWP. M.304

THE TOWNSHIP
OF

FRIPP

DISTRICT OF
TIMISKAMING

PORCUPINE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

PATENTED LAND	P
CROWN LAND SALE	C.S.
LEASES	L
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	C.
CANCELLED	

NOTES

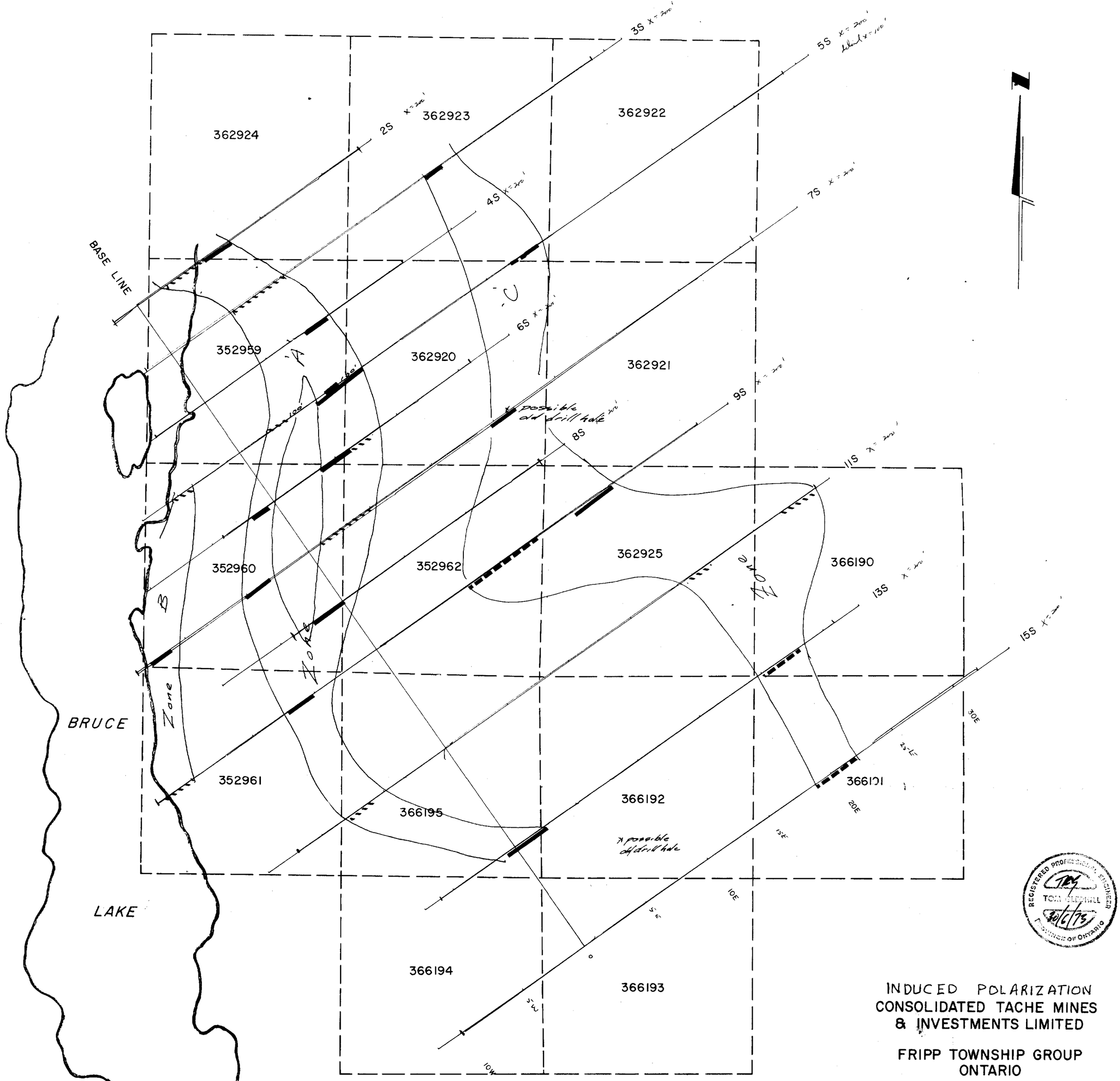
400' Surface Rights Reservation around all lakes and rivers.

MINING LANDS
DATE OF ISSUE
AUG 17 1973
MINISTRY
OF NATURAL RESOURCES

PLAN NO. M. 281

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

2.1273



INDUCED POLARIZATION
CONSOLIDATED TACHE MINES & INVESTMENTS LIMITED

FRIPP TOWNSHIP GROUP
ONTARIO

500' 0 500' 1000'

Scale 1" = 400'

I.P. Anomaly
definite
probable
possible

2.1273