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RECEIVED
MAR 20 1975
PROJECTS UNIT

LOGISTICS REPORT
ON
INDUCED POLARIZATION AND MAGNETICS SURVEY

COMPLETED FOR
GETTY MINES LIMITED

BY
GEOTERREX LIMITED

IN
GOWGANDA AREA
OF ONTARIO

NOVEMBER 12 TO NOVEMBER 24, 1974

85-352

DECEMBER, 1974

J. LOBACH, B.Sc.
GEOPHYSICIST

In the period from November 12, 1974 to November 23, 1974, Geotrex Limited, 2060 Walkley Road, Ottawa, Ont., conducted an Induced Polarization and Magnetic Survey for Getty Mines Limited of 10 King Street E, Suite 503, Toronto, Ontario.

The crew consisted of the following Geotrex personnel who worked the number of man-days indicated:

	<u>No. of Man-days</u>
John Binns, B.Sc., Geophysicist	12
Ken Keith, Operator	12
Charlie MacDougall, helper	12
Raymond Diamond, helper	12

The crew left Ottawa on November 11 and arrived in Gowganda the same day. The following day the Induced Polarization survey was commenced and continued until completion on November 23, which meant work everyday from November 11 to November 23. Mr. J.A. MacDonald of Getty Mines Ltd. was present on November 12 to outline the program for the crew.

A Scintrex manufactured IPR-7 model Induced Polarization receiver was used in conjunction with a portable battery powered 250 watt transmitter, model IPC-8, also Scintrex manufactured. In areas of conductive overburden an Elliot manufactured 1.5 KW transmitter was employed to increase signal strength. Specifications for these instruments are included in the appendix to this report.

The electrode configuration employed was the dipole-dipole array with an electrode separation of $a = 100$ feet. Dipole separations of $na = 100, 200, 300$ and 400 feet were used to determine the depth extent of the IP anomalies. Where the I.P. response was anomalous, the electrode separation was decreased to $a = 50$ feet for improved resolution. The dipole-dipole electrode configuration is described in the appendix to this report.

Two Scintrex MF-1 fluxgate magnetometers were added to the survey equipment on November 21. These magnetometers were employed on November 22 and the morning of November 23 to survey the entire grid from line 60W to line 12E with the magnetics technique. The IP survey was also finalized on November 23.

The following table indicates the number of miles surveyed with each method employed:

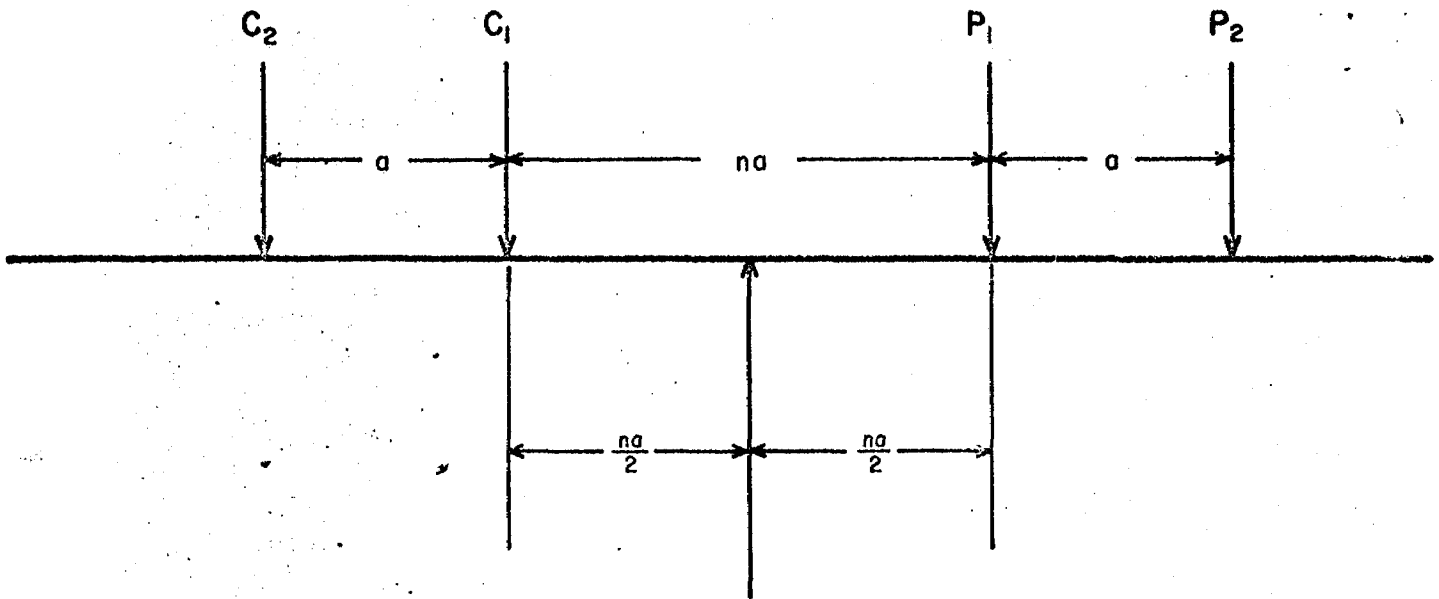
	<u>No. of Miles</u>
IP survey, $a = 100$ feet	6.1 miles
$a = 50$ feet	.4 miles
Magnetic survey	8.5 miles

Demobilization of the crew and equipment was completed on November 24, once the necessary work was completed.

Respectfully submitted,
Qualifications 2.1486 → *Donald T. Cameron*
 for
 J. Lobach, B.Sc.
 Geophysicist
Qualifications: Nil

APPENDIX

DIPOLE-DIPOLE ELECTRODE CONFIGURATION



PLOTTING
POSITION

a = DIPOLE LENGTH

$n = 1, 2, 3$ etc.

IPR7 SPECIFICATION SHEET

Newmont Design

Electrical -

Primary Voltage Range	300 microvolts to 30V Accuracy \pm 3%
Input Impedance	300 K ohms
Chargeability (M) Reading Range	0-100 and 0-300 milliseconds Accuracy \pm 5%
Curve Factor (L) Reading Range	0-100 and 0-300 milliseconds Accuracy \pm 5%
Delay Time Before Integration	0.45 seconds
SP and VLF Noise Compensation	Manual: \pm 1.5 volts Automatic: 1mV range \pm 10mV total 30 mV range \pm 1 volt total
Power Supply	Internal rechargeable nickel cadmium batteries. Rated life 45 hours/charge.
Temperature Range	-20° to 130°F (-29° C to +55°C)
Humidity Range	to 100% non-condensing

NOTE: A time reference signal is remotely obtained from the received primary signal to give coherent detection.

Automatic SP corrections are applied during each reading period using a memory circuit.

Mechanical:

Weight	13 $\frac{1}{2}$ lbs. (6.1 kg) including batteries.
Dimensions	14" x 11" x 6 $\frac{1}{2}$ " (32.5 cm x 28 cm x 16.5 cm).

III SCINTREX 250 WATT TRANSMITTER SPECIFICATIONS

POWER	250W maximum
OUTPUT VOLTAGE	150V to 850V in 5 steps. 1.4 ratio
OUTPUT CURRENT	1.5A maximum
METER RANGES	0-0.5A F.S. and 0-1.5A F.S. \pm 3%
CYCLE	1:1:1:1 on:off:reverse:off
PULSE DURATIONS	1, 2, 4 secs.
POWER SOURCES	8 GC 660-1 lead-acid gel-type batteries 24V at 12 Ah or external 24V D.C. 1 penlite battery Eveready E91 or equivalent
POWER REQUIREMENTS FOR CHARGER	115/230V, 50-400Hz, 100W
<u>DIMENSIONS AND WEIGHTS</u>	
Transmitter packs and two battery packs	5 $\frac{1}{2}$ x 12 x 18" (14x30x46 cm) 35 lbs (15.5 kg)
Charger	5 $\frac{1}{2}$ x 12 x 6" (14x30x15 cm) 12 lbs (5.5 kg)
Operating Temperature	-30°C to +50°C

scintrex
176

1.5 KW I.P. TRANSMITTER

SPECIFICATION SHEET

INPUT POWER: 120 volt 400 Hz single phase at
1800 VA, relatively insensitive
to input voltage/frequency regulation

OUTPUT POWER: 1500 watts

OUTPUT VOLTAGE: 200 to 3000 volts in 12 switch
selected steps

OUTPUT CURRENT: 5 Amps maximum.

OUTPUT IMPEDANCE DRIVE: 40 ohms to over 10,000 ohms.

TIME CYCLE: On/off periods (symmetrical)
adjustable at factory from 0.5 to
10 seconds.

TEMPERATURE RANGE
(AMBIENT): -15°C to +60°C (+5°F to 140°F)

WEIGHT, COMPLETE
WITH CASE: 45 pounds

DIMENSIONS, IN CASE: 10.5 inches high by 16 inches wide by
11.5 inches deep

1.5 KW I.P. GENERATOR

SPECIFICATION SHEET

Model P-15A

OUTPUT:	120 volts
PHASE:	single
FREQUENCY:	400 Hz
POWER:	2 KVA
ENGINE:	Briggs & Stratton type 100232
FUEL:	gasoline
POWER RATING:	4 H.P.
STARTER:	recoil
ALTERNATOR:	Alleco Brushless
COOLING:	none
OVERALL DIMENSIONS:	height 17 inches length 25 inches width 18 inches
NOMINAL WEIGHT:	72 pounds

MODEL SPECIFICATION SHEET

Fluxgate Magnetometer

SCALES: 5 scale ranges, plus or negative,
1000 gammas to 100,000 gammas

SENSITIVITY: 20 gammas per scale division on
1000 gammas range

METER: Taut-band suspension
1000 gammas scale 1 7/8" long - 50 div.
3000 gammas scale 1 11/16" long - 60 div.

ACCURACY: 1000 to 10,000 gamma ranges \pm 0.5%
of full scale
30,000 and 100,000 gamma ranges \pm
1% of full scale

OPERATING TEMPERATURE: -40°C to +40°C
-40°F to +100°F

TEMPERATURE STABILITY: Less than 2 gammas per °C (1 gamma /°F)

NOISE LEVEL: Total 1 gamma P-P

LONG TERM STABILITY: \pm 1 gamma for 24 hours at constant
temperature

BUCKING ADJUSTMENTS: 10,000 to 75,000 gammas by 9 steps of
(Latitude) approximately 8,000 gammas and fine
control by 10 turn potentiometer.
Convertible for southern hemisphere or
 \pm 30,000 gammas equatorial.

RECORDING OUTPUT: 1.7 ma per oersted for 1000 to 100,000
gamma ranges with maximum termination
of 15,000 ohms.

RESPONSE: DC to 5 cps (3db down)

CONNECTOR: Amphenol 91-MC3F1

BATTERIES: 12 x 1.5V-flashlight batteries "C"
cell type) (AC Power Supply available)

geotrex
115

CONSUMPTION:

50 milliamperes

DIMENSIONS:

Instrument - $6\frac{1}{2}$ " x $3\frac{1}{2}$ " x $12\frac{1}{2}$ "

165 x 90 x 320 mm

Battery pack - 4" x 2" x 7"

100 x 50 x 180 mm

Shipping Container - 10" dia x 16"

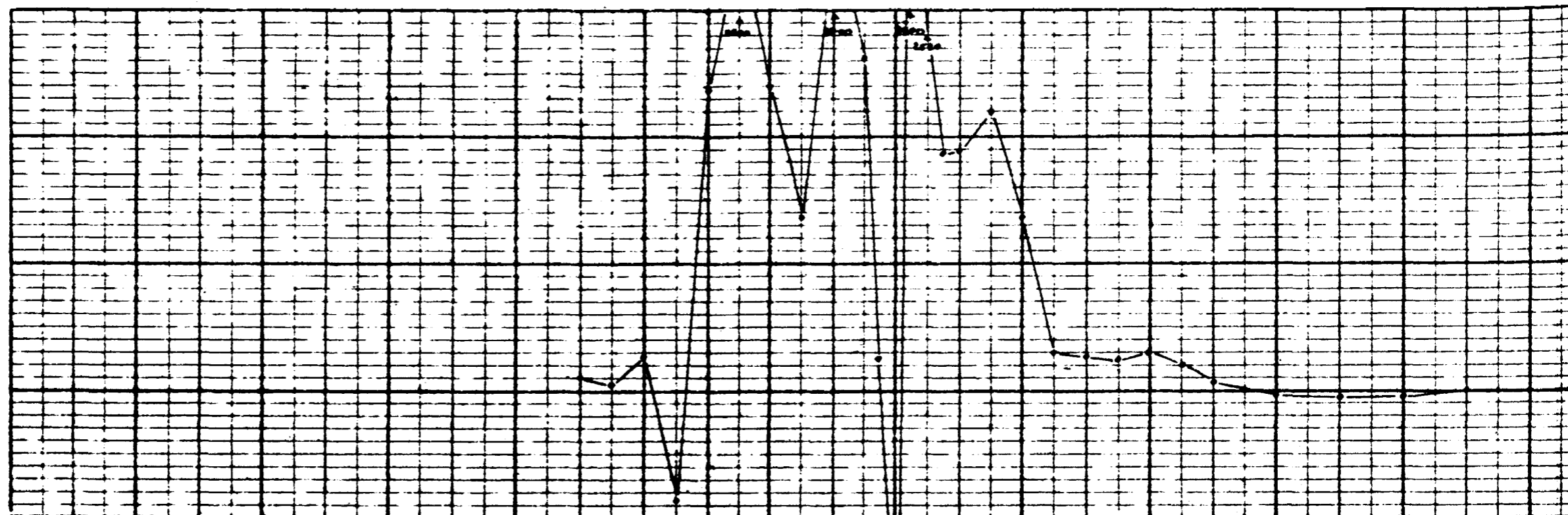
254 mm dia. x 410 mm

WEIGHTS:

Instrument - 5 lbs. 12 oz. 2.6 kg.

Battery Pack - 2 lbs. 4 oz. 1.0 kg.

Shipping - 13 lbs. 6.0 kg.



Ma (Milliseconds)

Pa (Ohm Meters)

DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 60W

1500
1000
500
0
Gauss

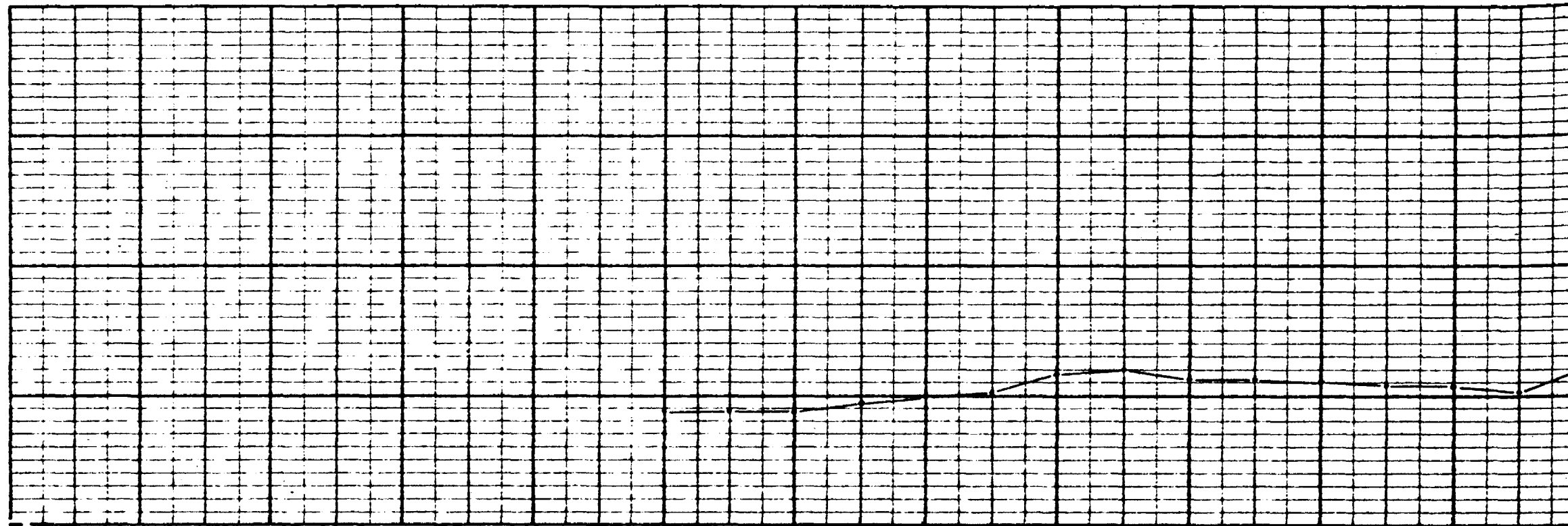
4.5m 5 10 15 North

N 1
N 2
N 3
N 4
N 5
N 6
N 1
N 2
N 3
N 4
N 5
N 6



Client *Geby Mines Ltd*
Area *0064 PROSPECT*
Survey *Magnetic Intensity Profile*

Job N° *85-552*
Date *November 1974*
Dipole (a).....



South

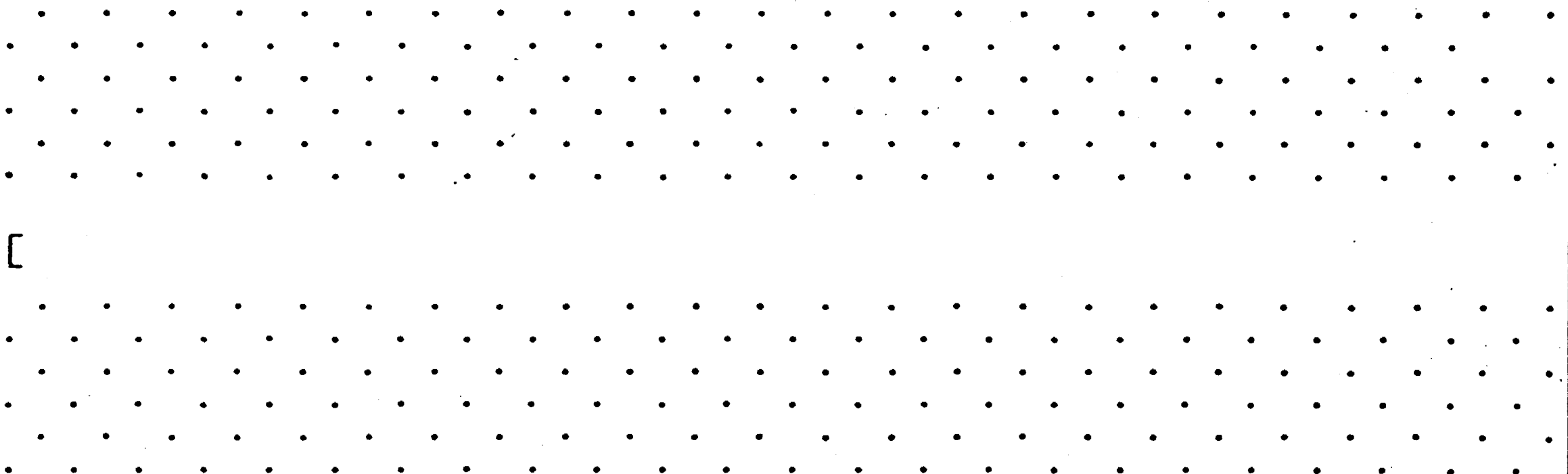
0

5

10

Ma (Milliseconds)

Pa (Ohm Meters)

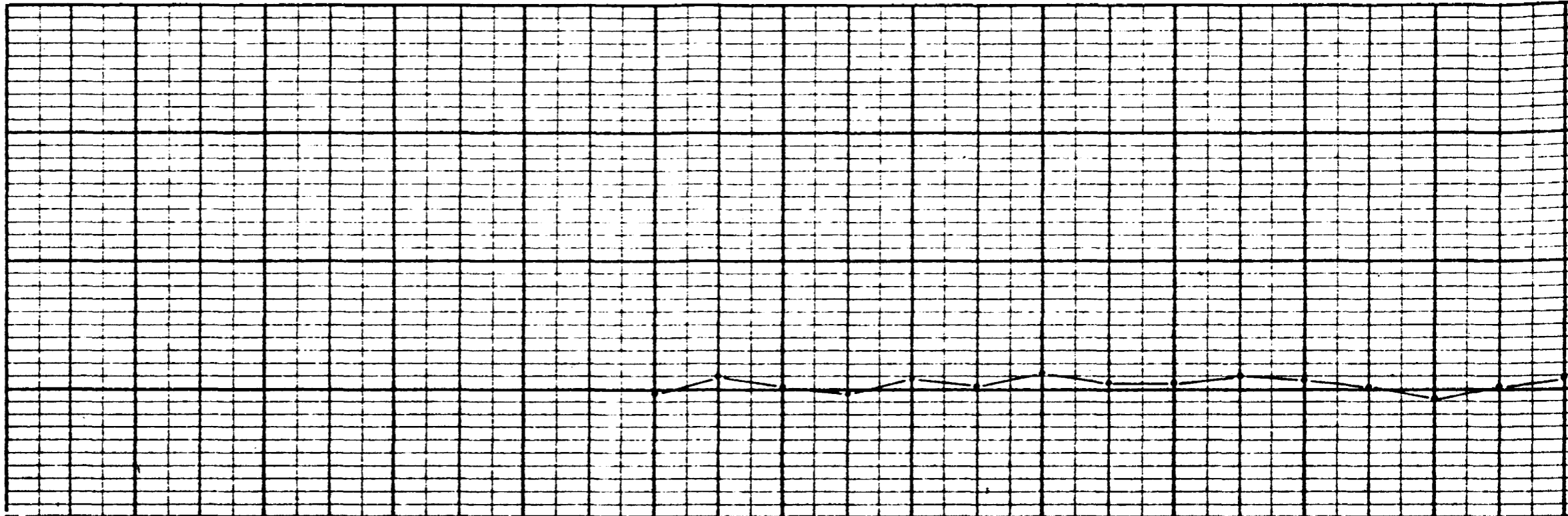


DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



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geotrex ltd
 OTTAWA
 HOUSTON - TUCSON



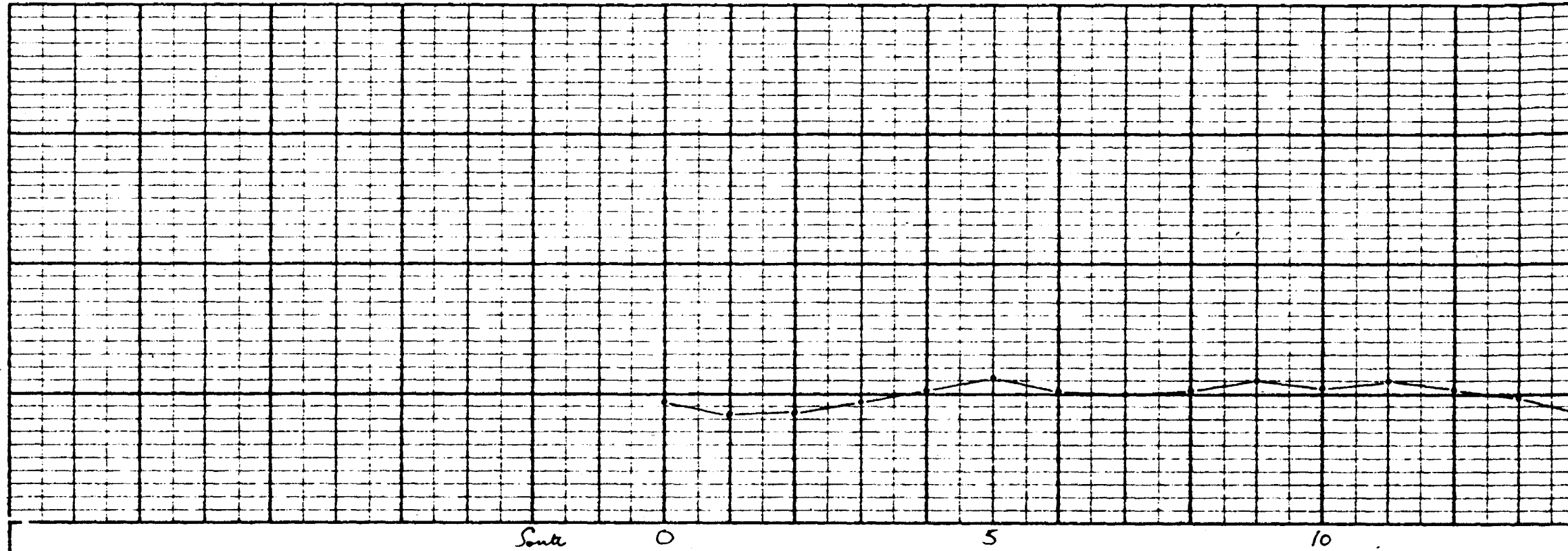
Ma (Milliamps)

Pa (Ohm Meters)

DIPOLE LENGTH

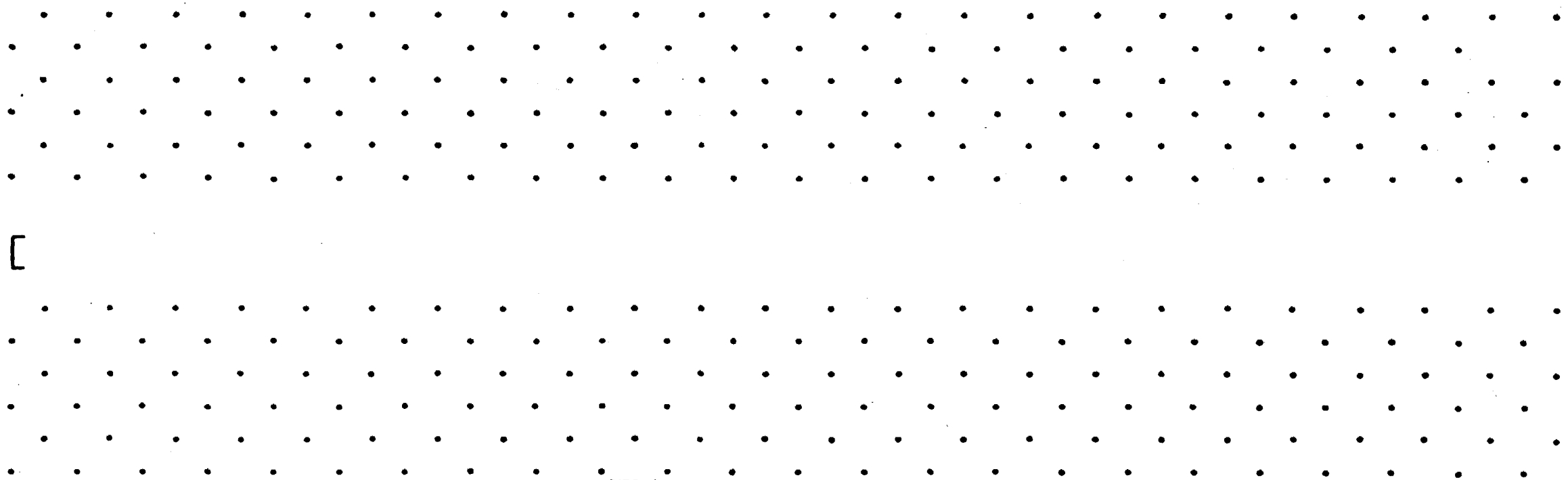
D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.





Ma (Milliseconds)

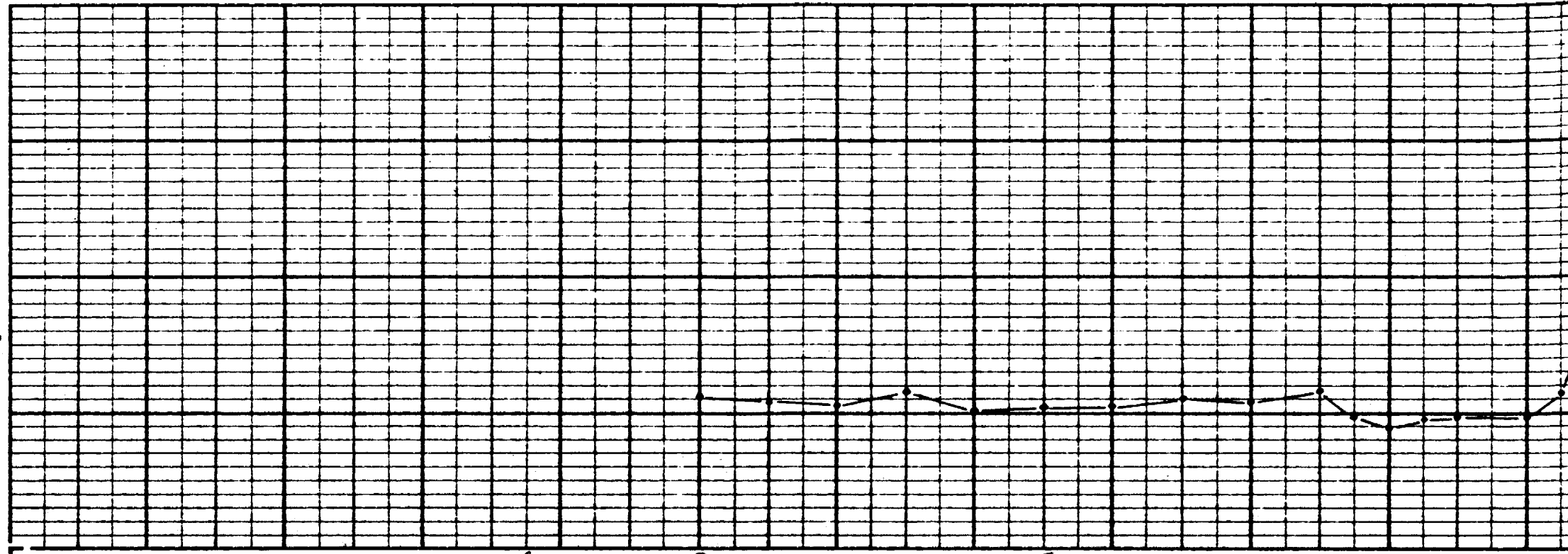
Pa (Ohm Meters)



DIPOLE LENGTH

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 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.





Ma (Milliseconds)

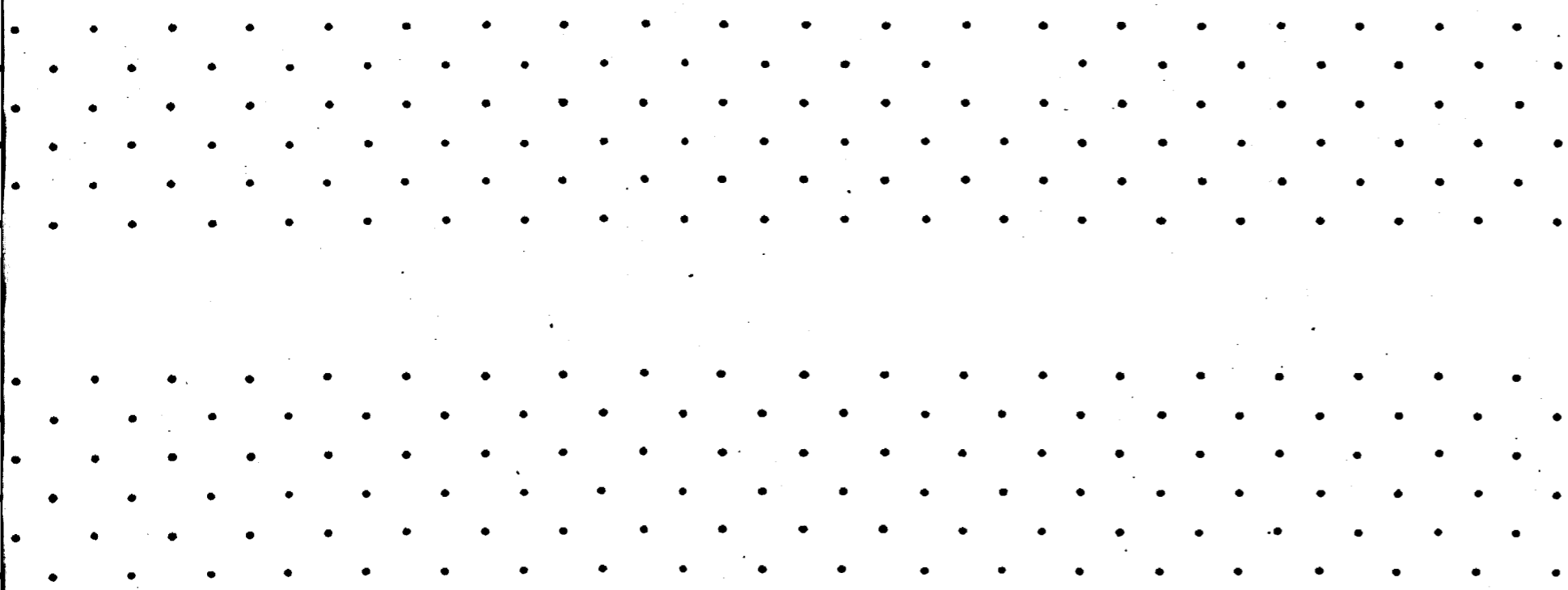
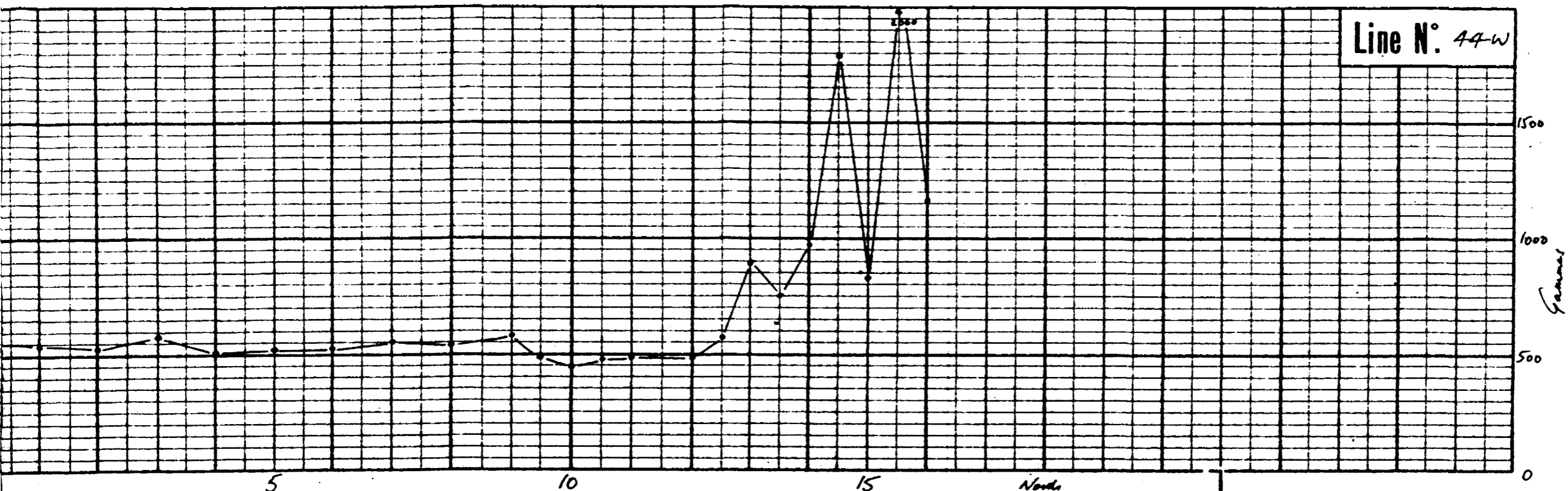
Pa (Ohm Meters)

DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 44-W

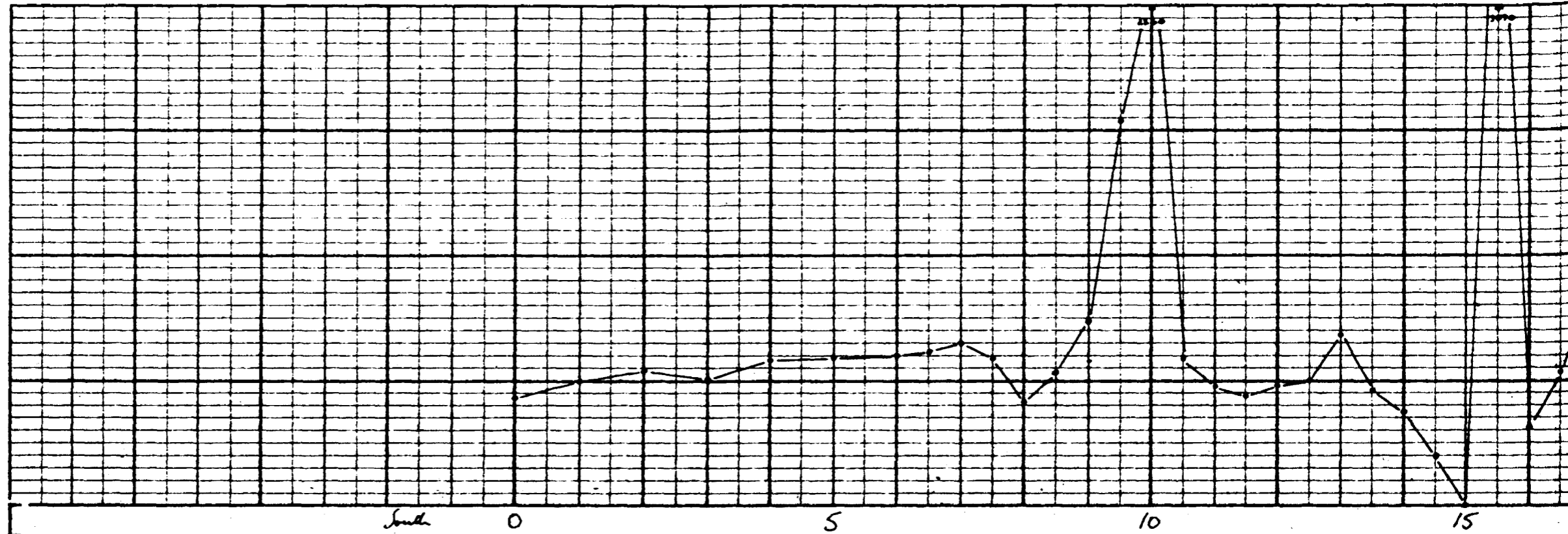


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 2 6
]
 2 1
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 2 6



Client *Gottly Mines Ltd*
 Area *Sub Prospect*
 Survey *Magnetic Intensity Profile*

Job N° *85-352*
 Date *November 1974*
 Dipole (a)



Ma (Milliseconds)

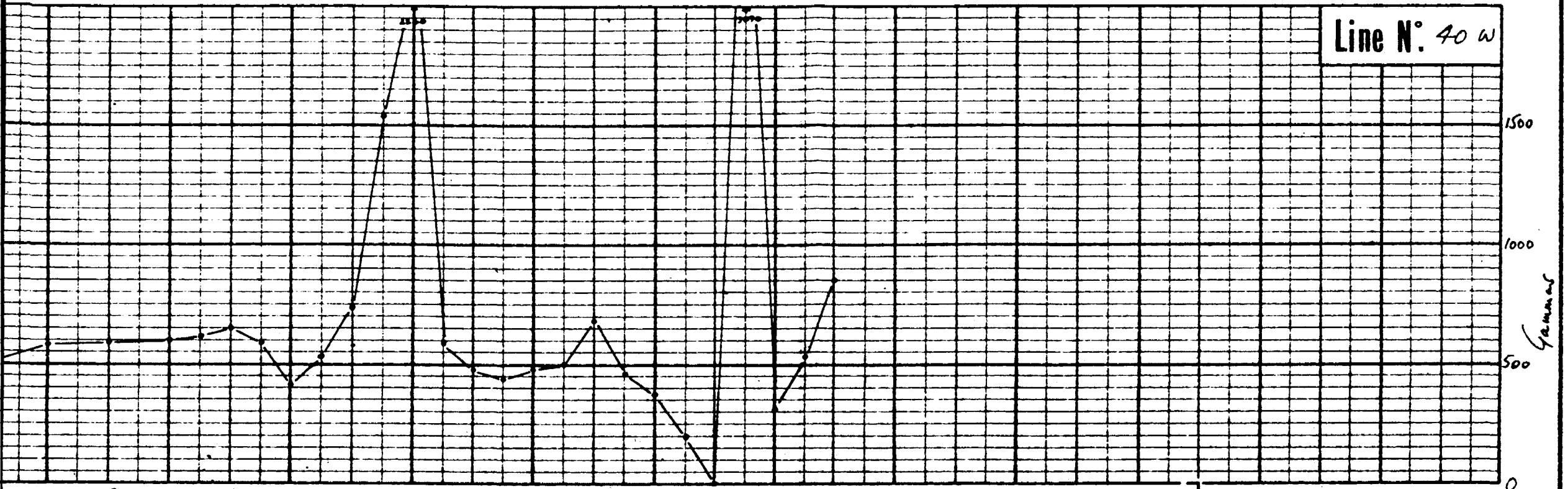
Pa (Ohm Meters)

DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 40 W



5

10

15

North

1500

1000

500

0

Gamma

2 1
2 2
2 3
2 4
2 5
2 6
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2 1
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2 6



Client *Getty Mines Ltd*

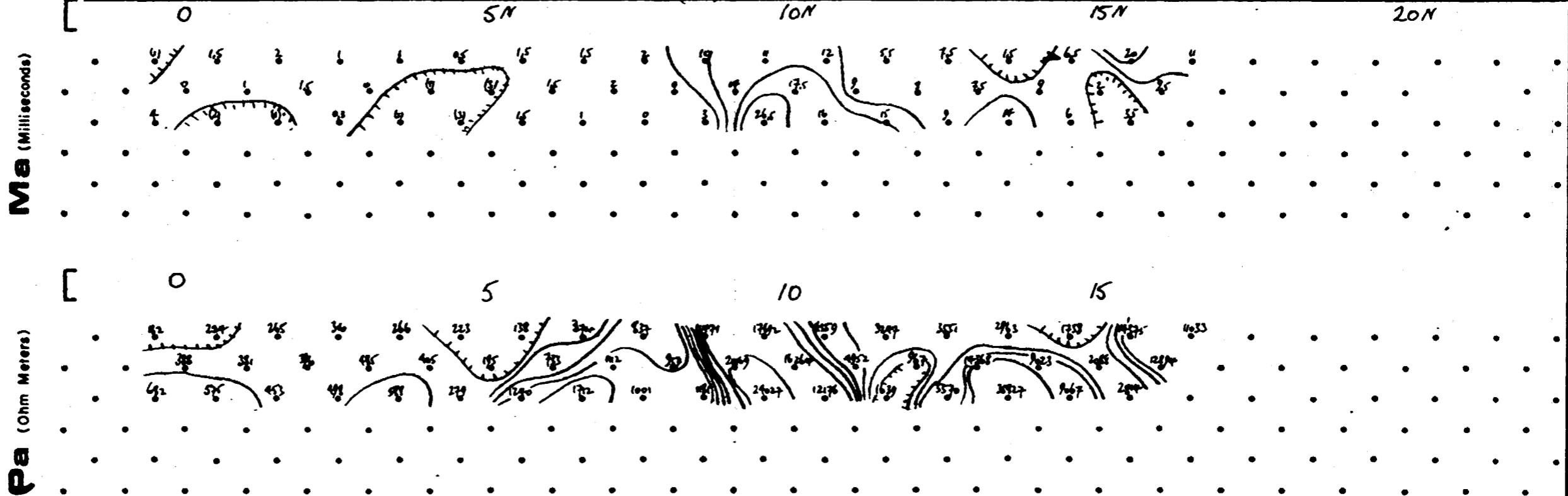
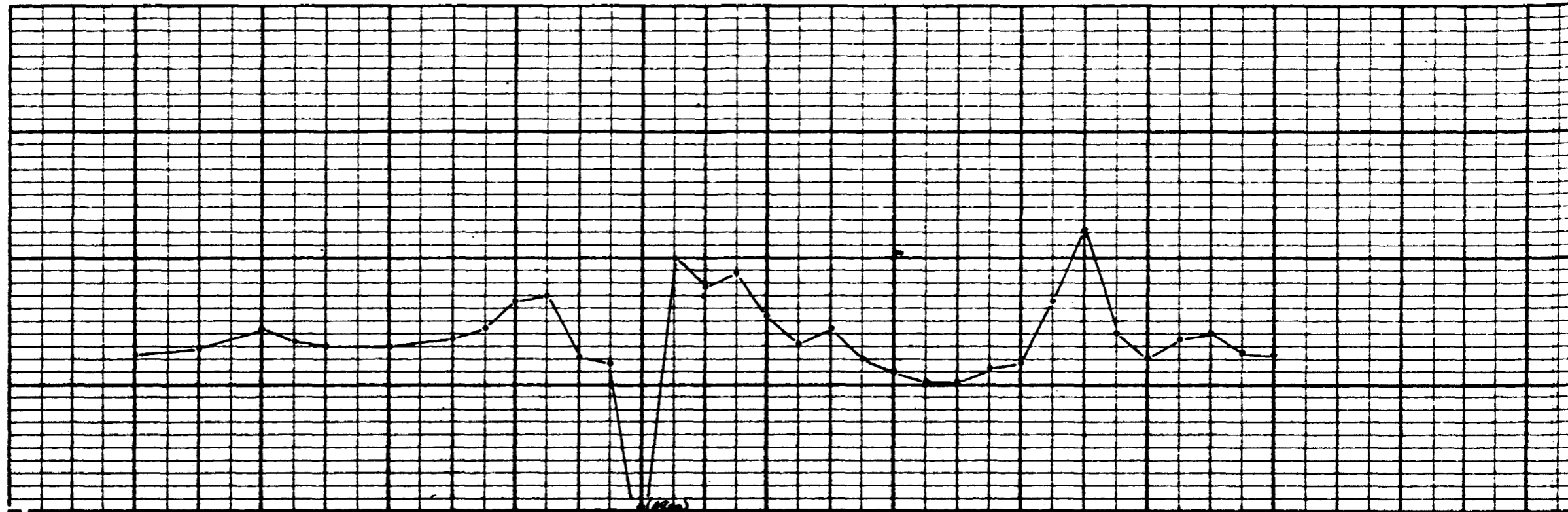
Area *Sub Prospect*

Survey *Magnetic Intensity Profile*

Job N° *85-352*

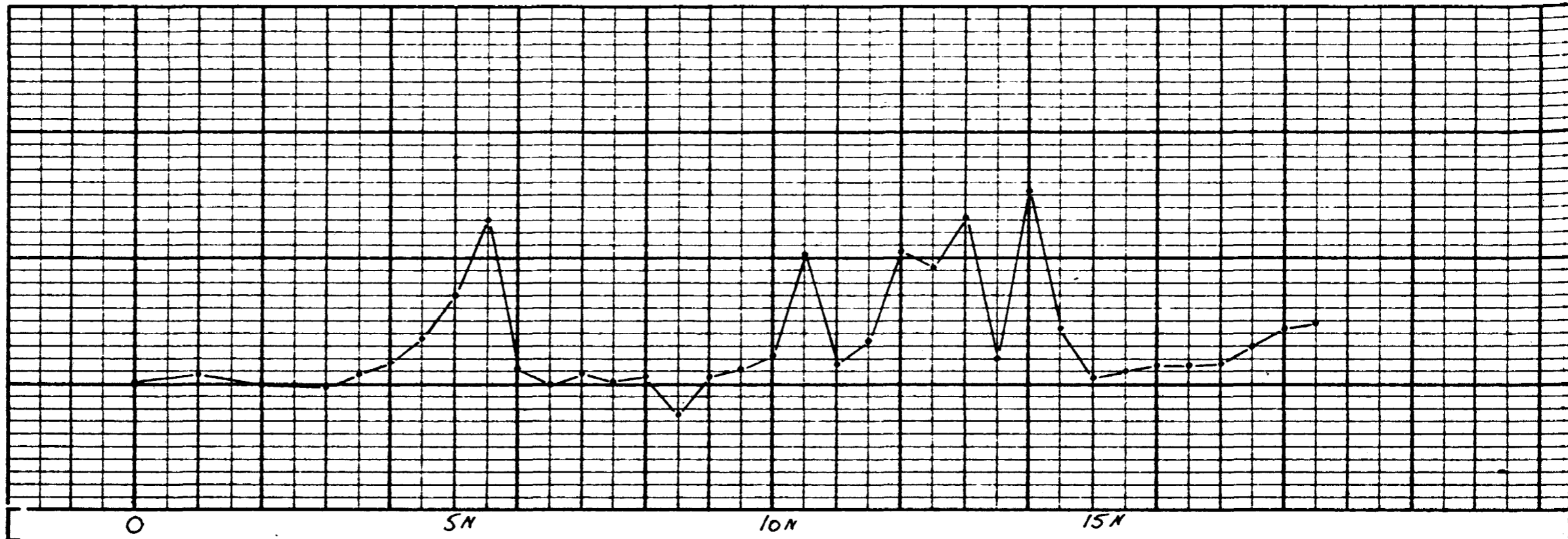
Date *November 1974*

Dipole (a)

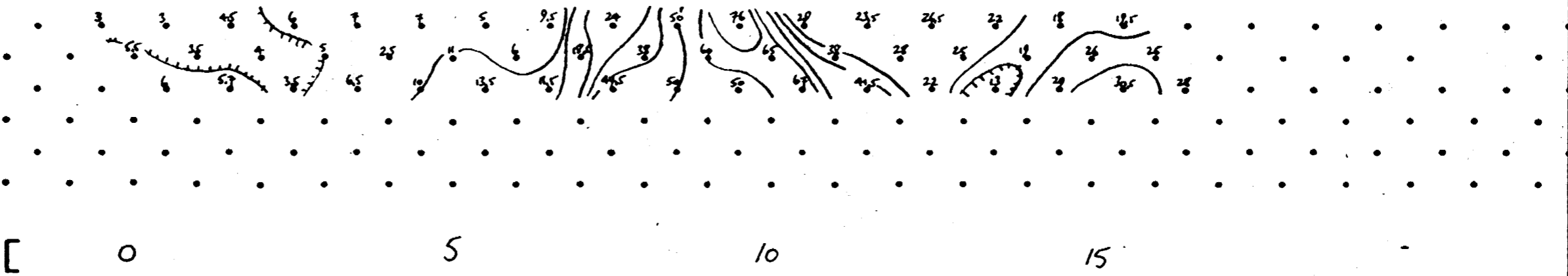


D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGE ABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

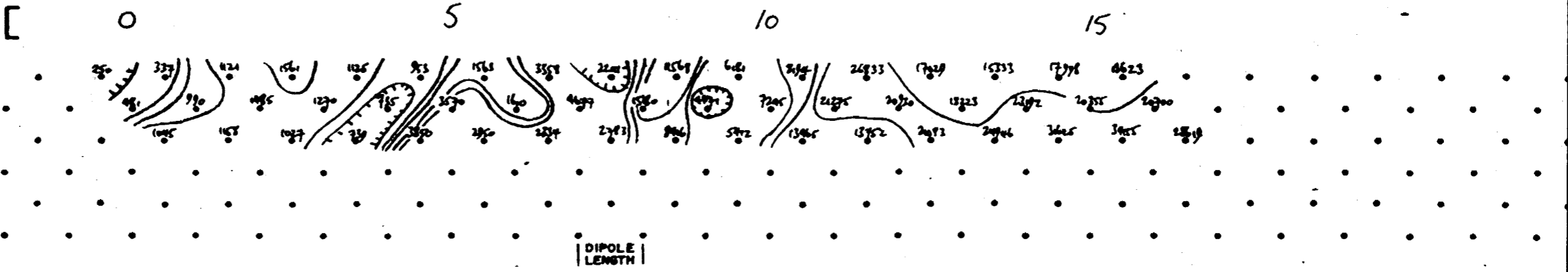




Ma (Milliseconds)



Pa (Ohm Meters)

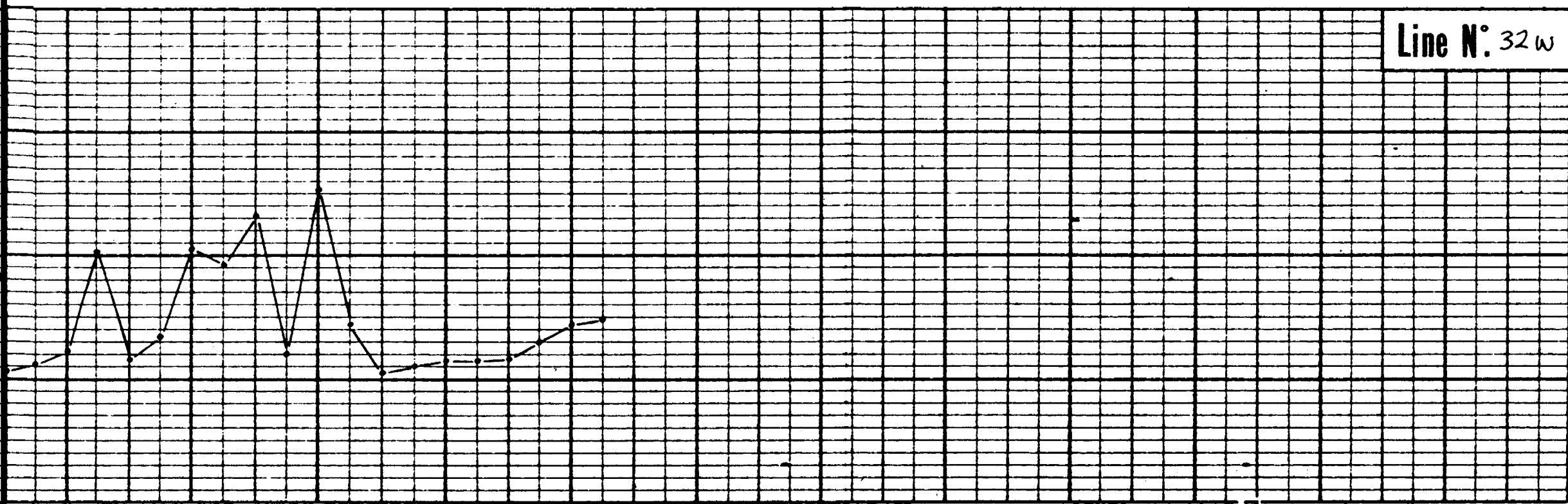


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 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

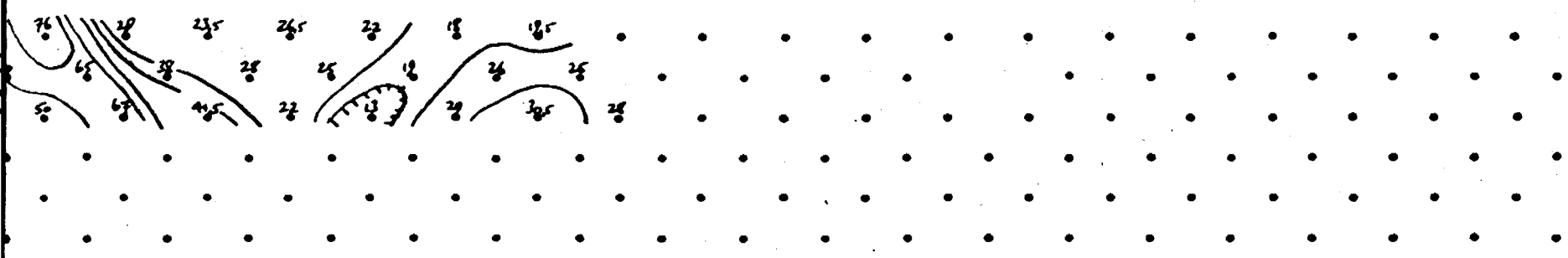


Line N° 32 W

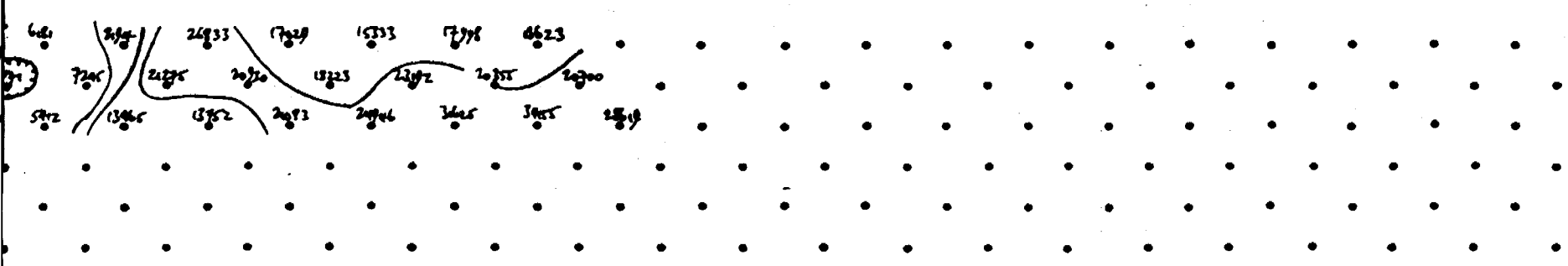
1500
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Frames



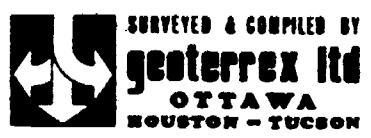
ION 15N



10 15

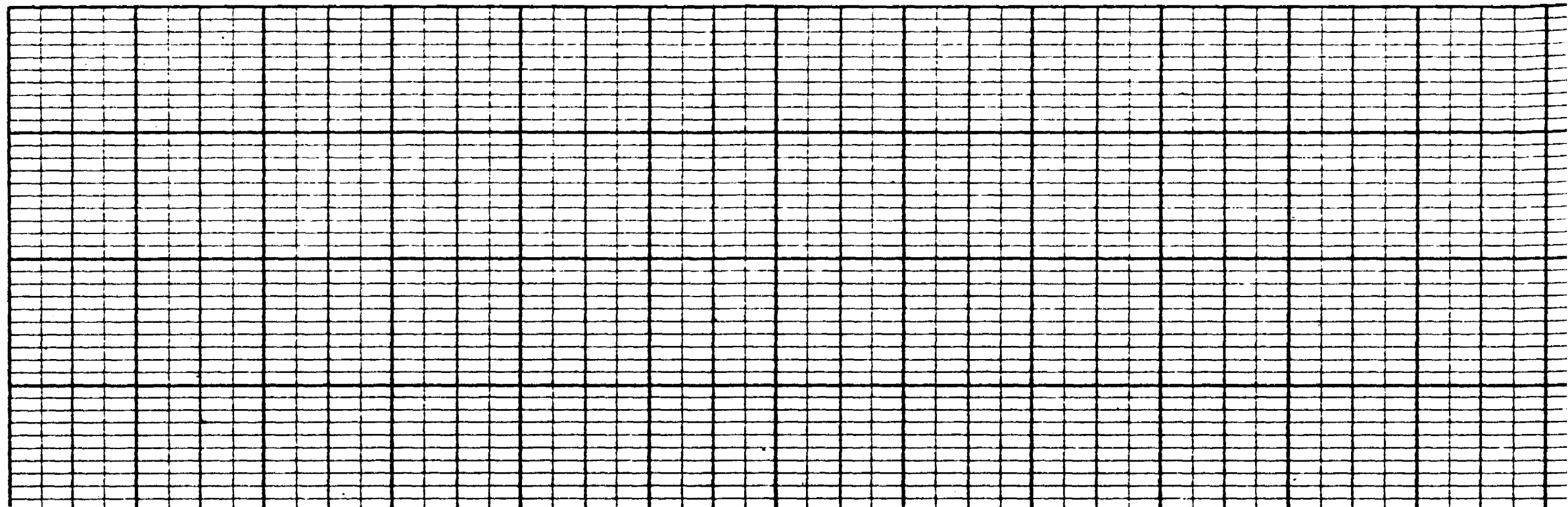


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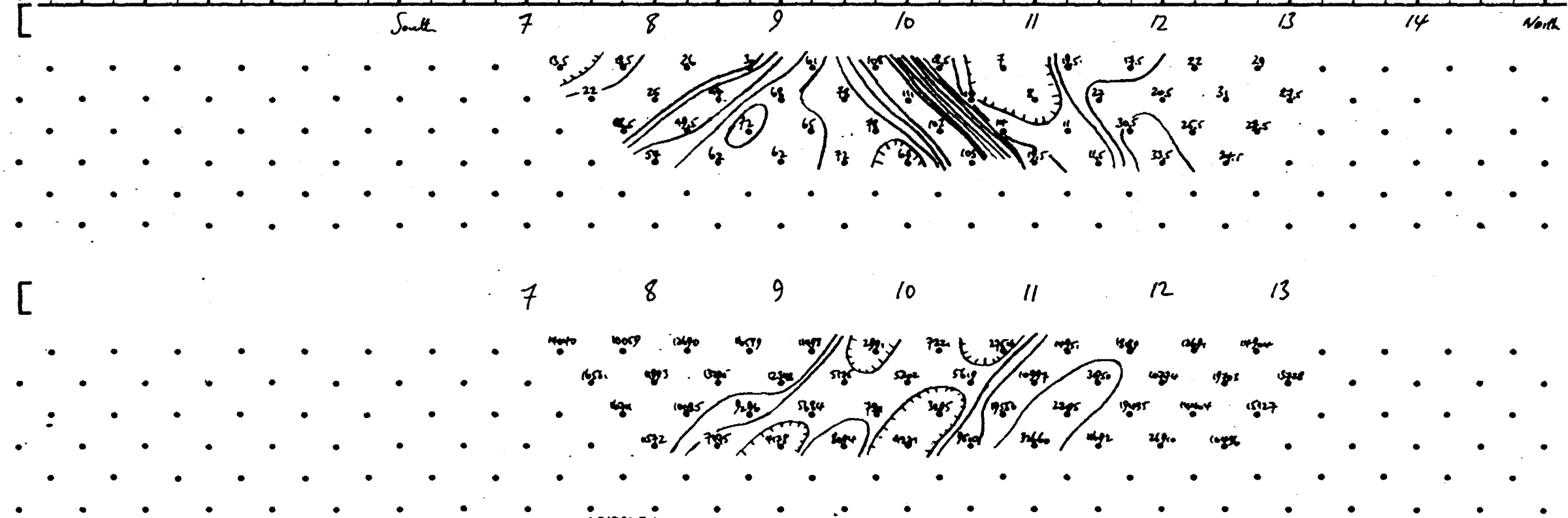
Client *Geddy Mines Ltd*
 Area *Subj PROSPECT*
 Survey *Dipole Dipole no 1,2,3*

Job N° *85-352*
 Date *November 1974*
 Dipole (a) *100 feet*



Ma (Milliseconds)

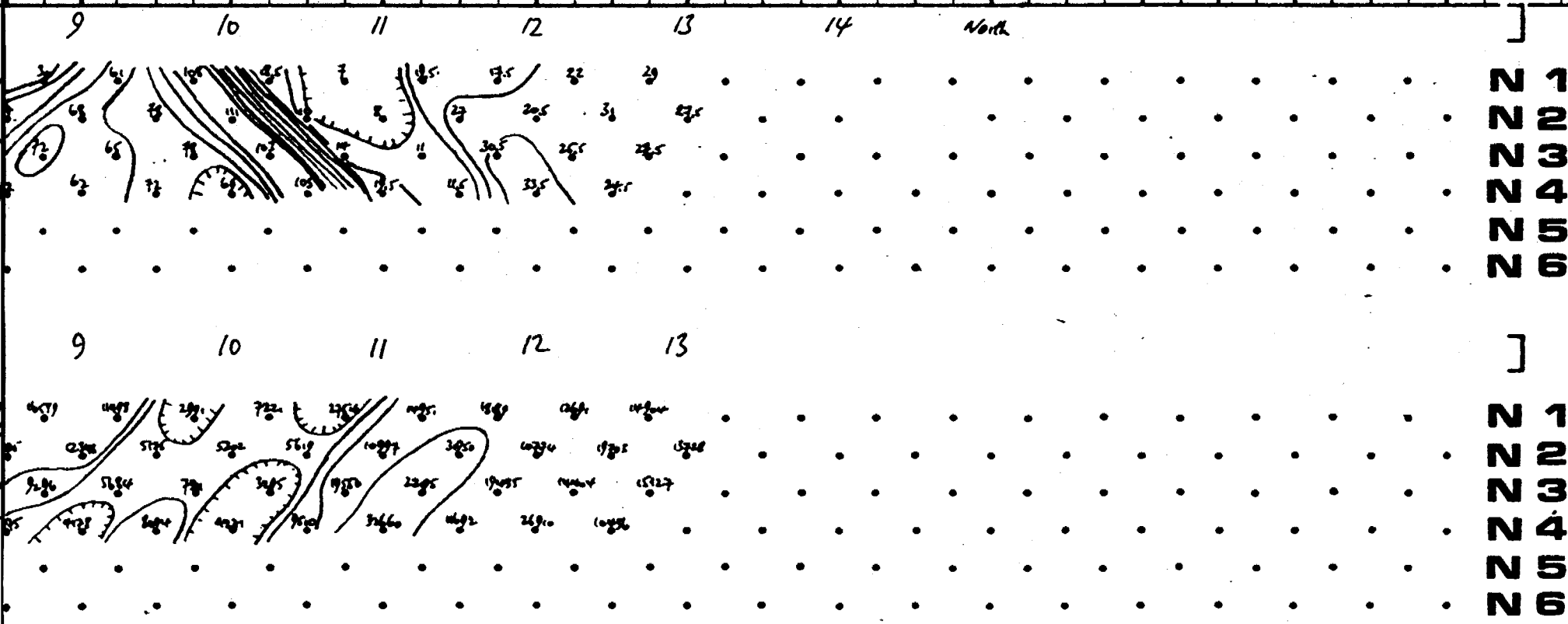
Pa (Ohm Meters)



D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

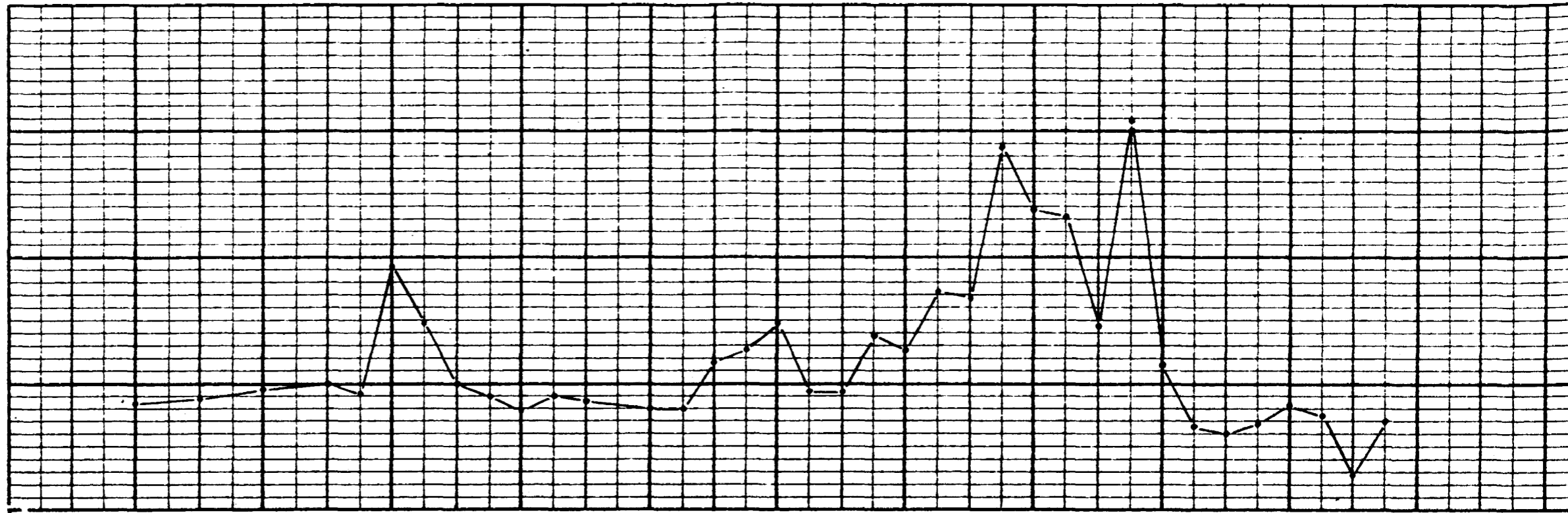


Line N° 32 W



Client *Geoty. Mines Ltd*
 Area *SUBY. PROSPECT*
 Survey *Dipole-Dipole* no. 1, 2, 3, 4

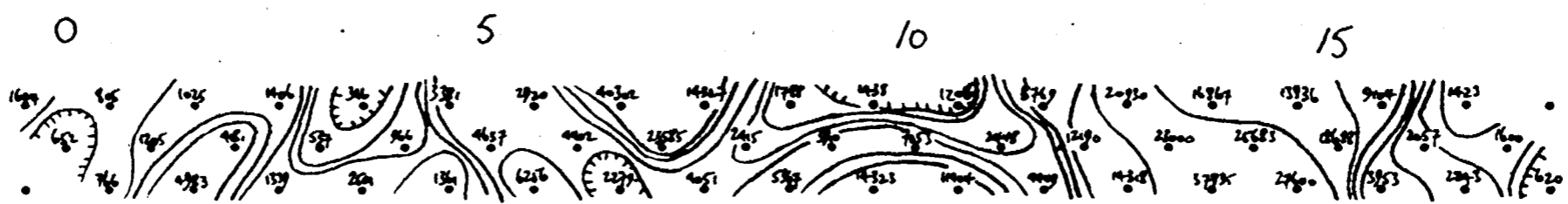
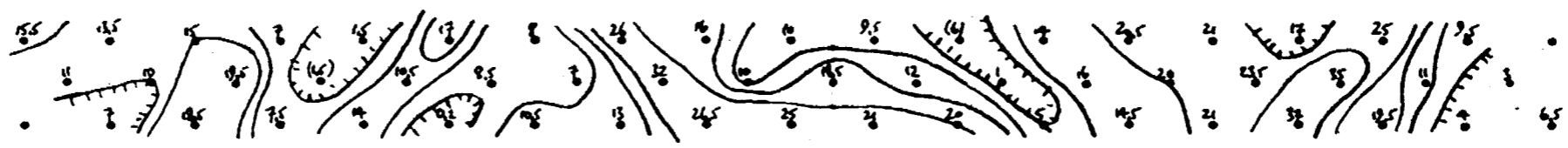
Job N° *85-352*
 Date *November 1974*
 Dipole (a) *50 feet*



Ma (Milliseconds)

Pa (Ohm Meters)

0 5N 10N 15N 20N



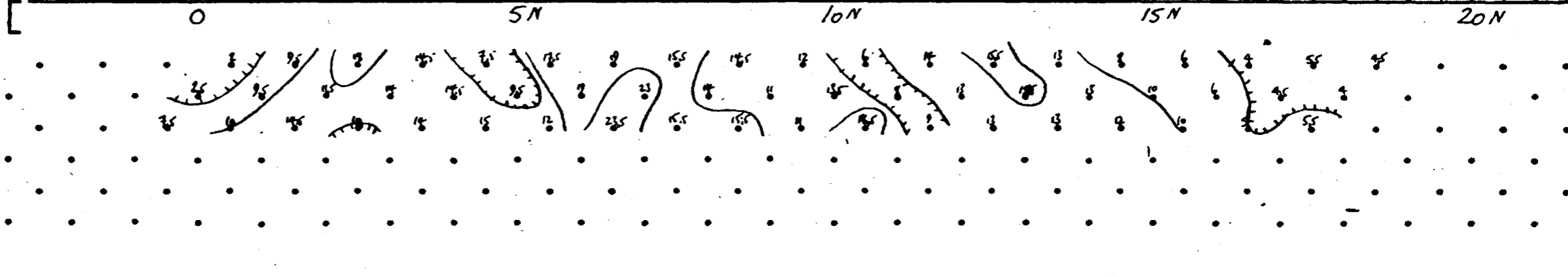
DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

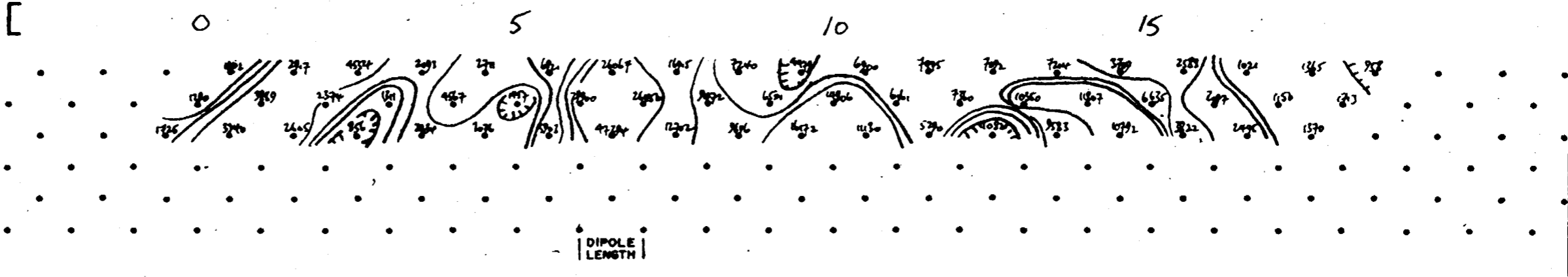




Ma (Milliseconds)



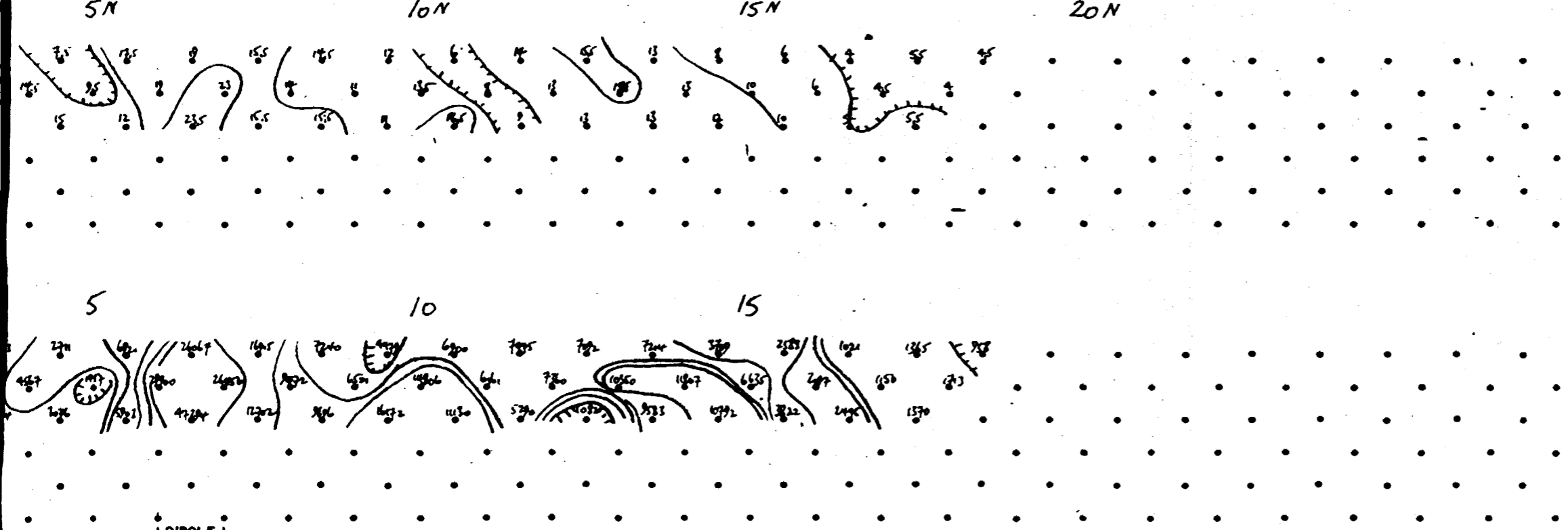
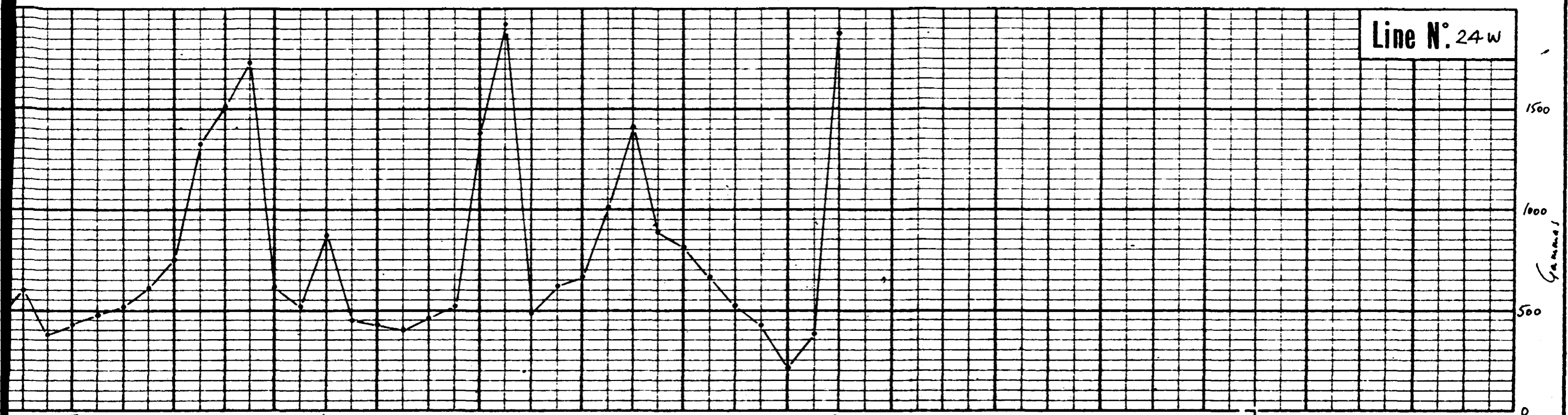
Pa (Ohm Meters)



D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGE ABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 24 W

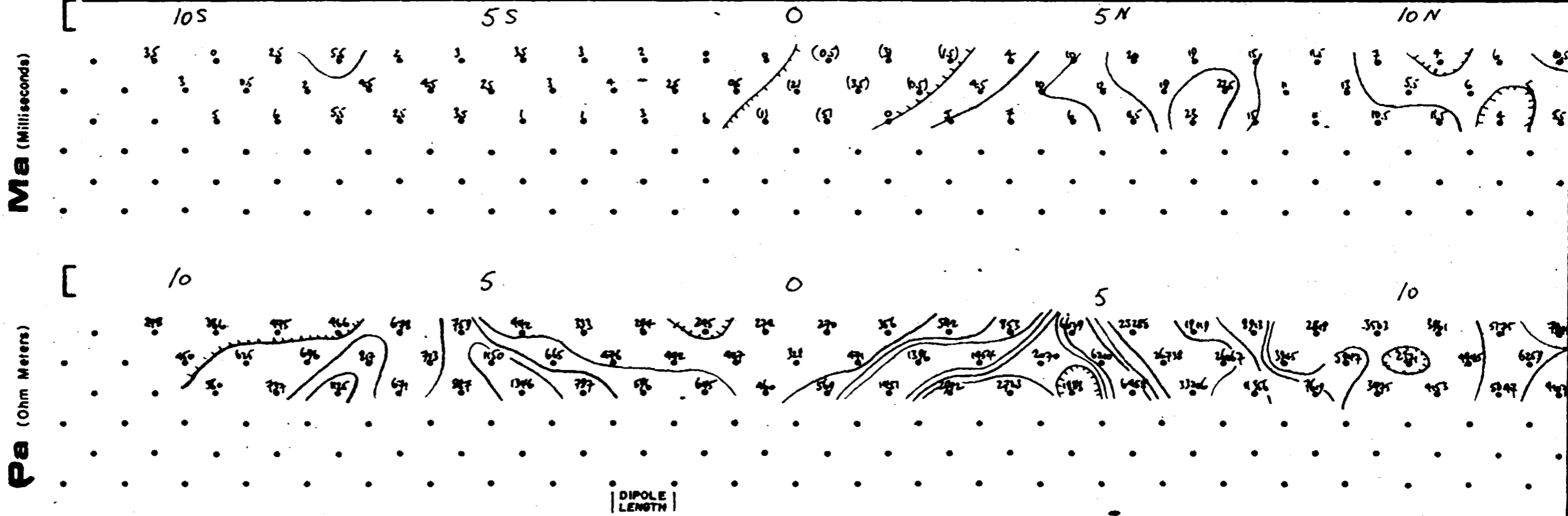
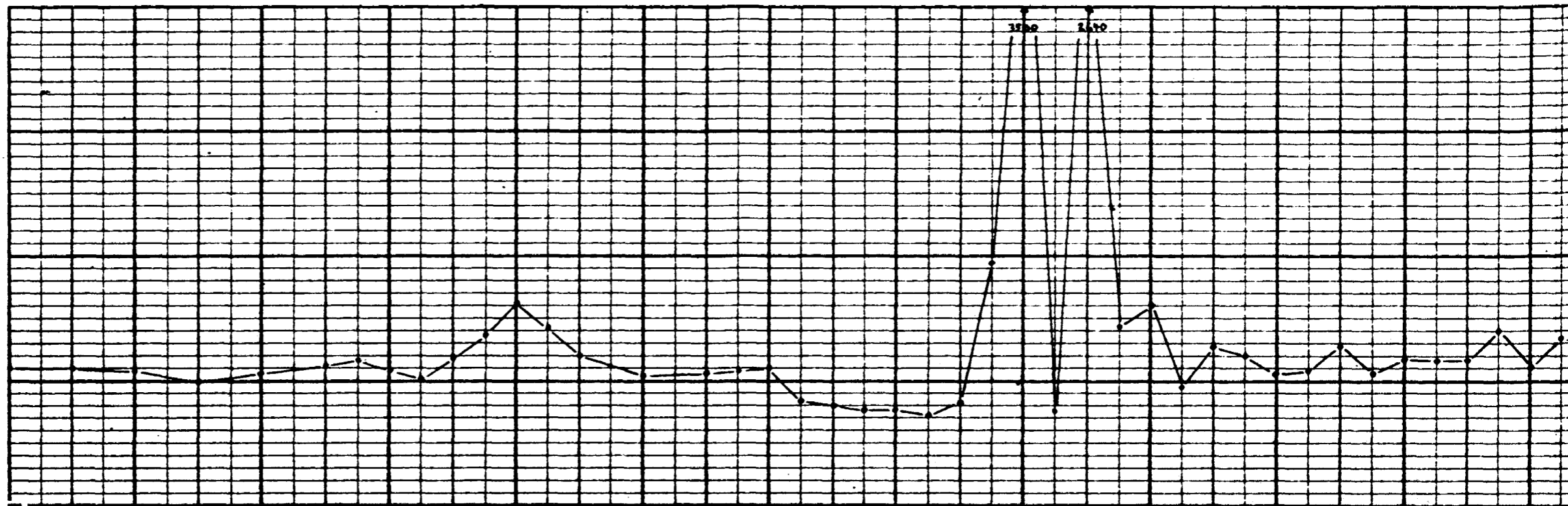


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 N 1
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SURVEYED & COMPILED BY
genterrex ltd
 OTTAWA
 HOUSTON - TUCSON

Client *Getty Mines Ltd*
 Area *Sub Prospect*
 Survey *Dipole - Dipole n=1,2,3*

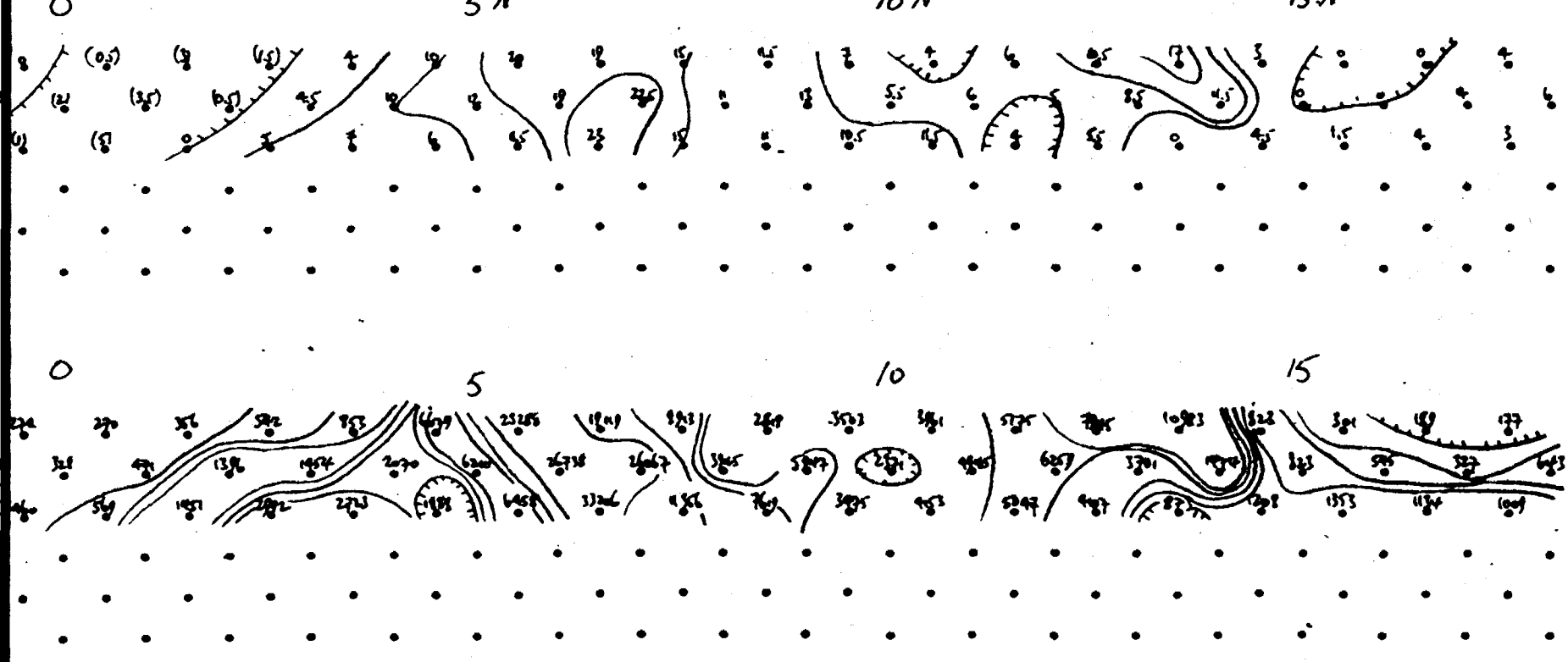
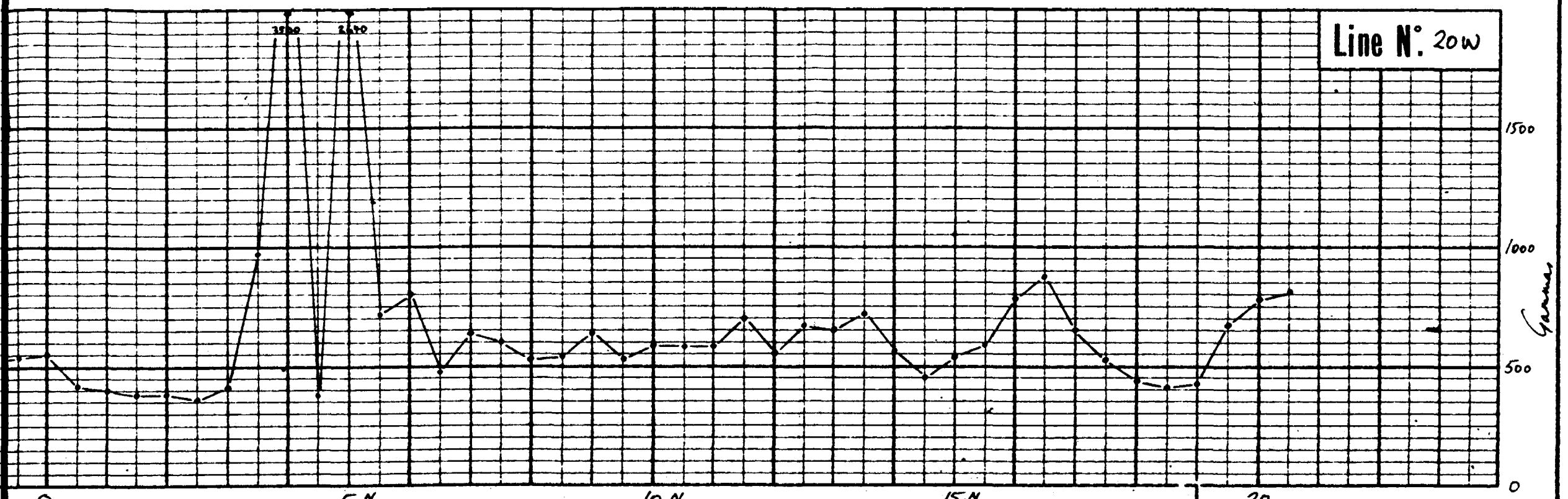
Job N° *85-352*
 Date *November 1974*
 Dipole (a) *100 feet*



D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 20W



N 1
N 2
N 3
N 4
N 5
N 6

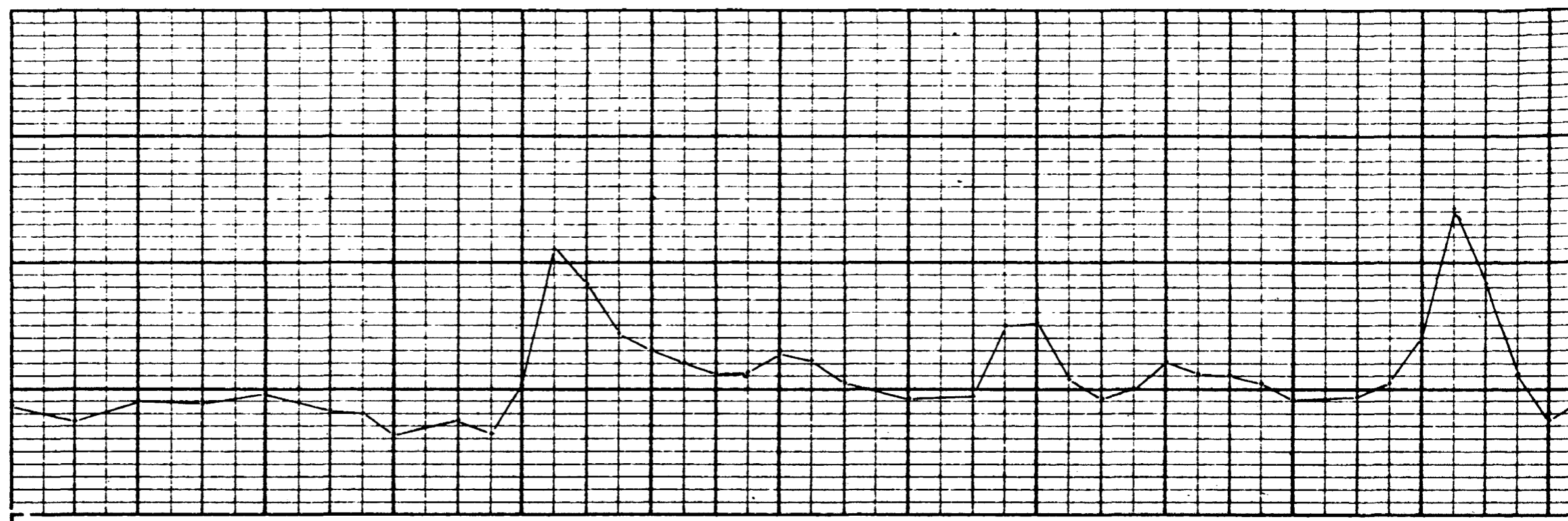
N 1
N 2
N 3
N 4
N 5
N 6



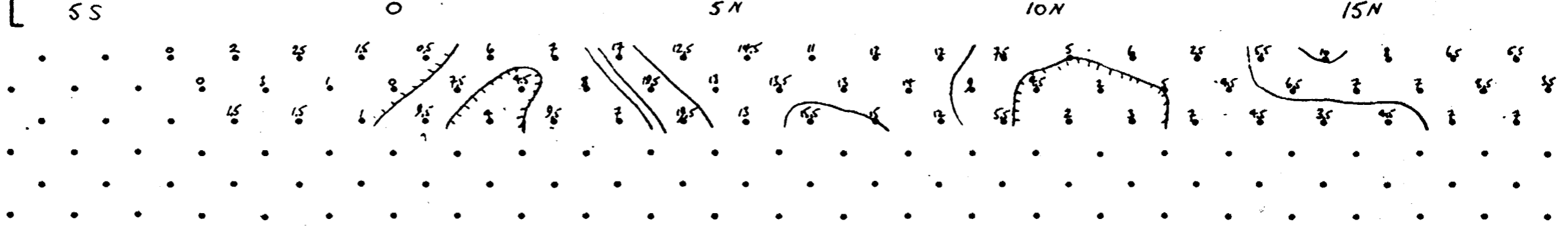
Client *Getty Mines Ltd*
 Area *JUBA PROSPECT*
 Survey *Dipole Dipole no 123*

Job N° *85-552*
 Date *November 1974*
 Dipole (a) *100 feet*

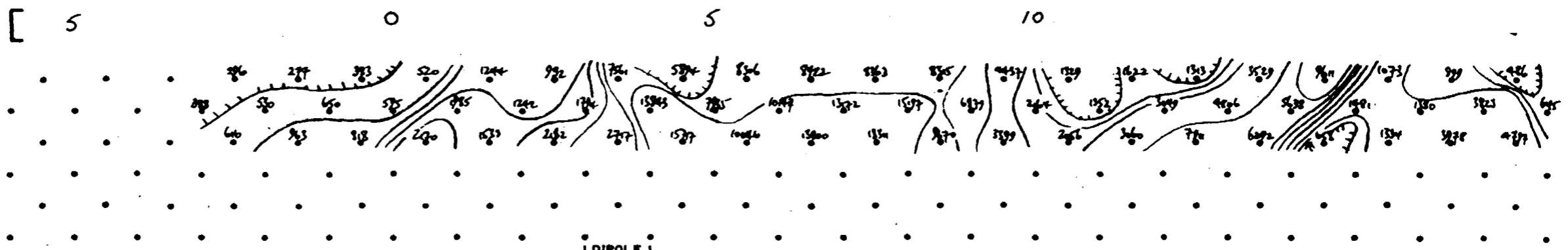
10000
↑



Ma (Milliseconds)



Pa (Ohm Meters)

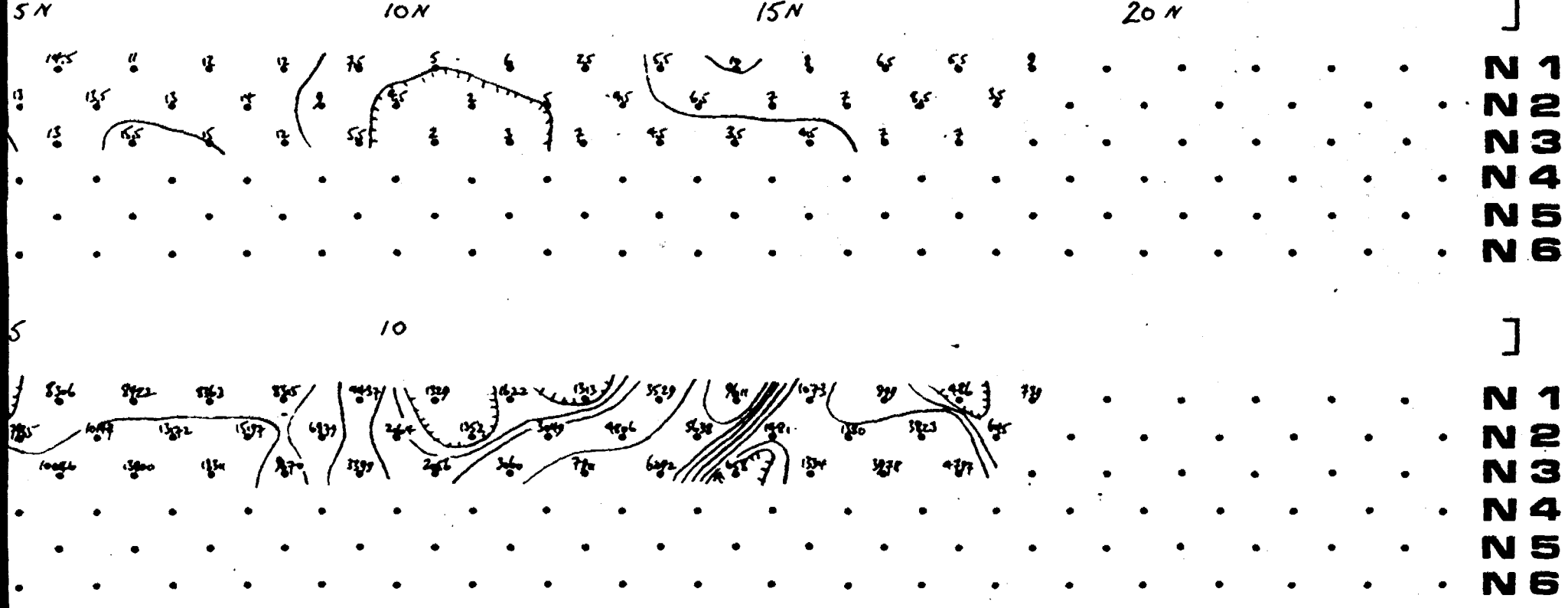
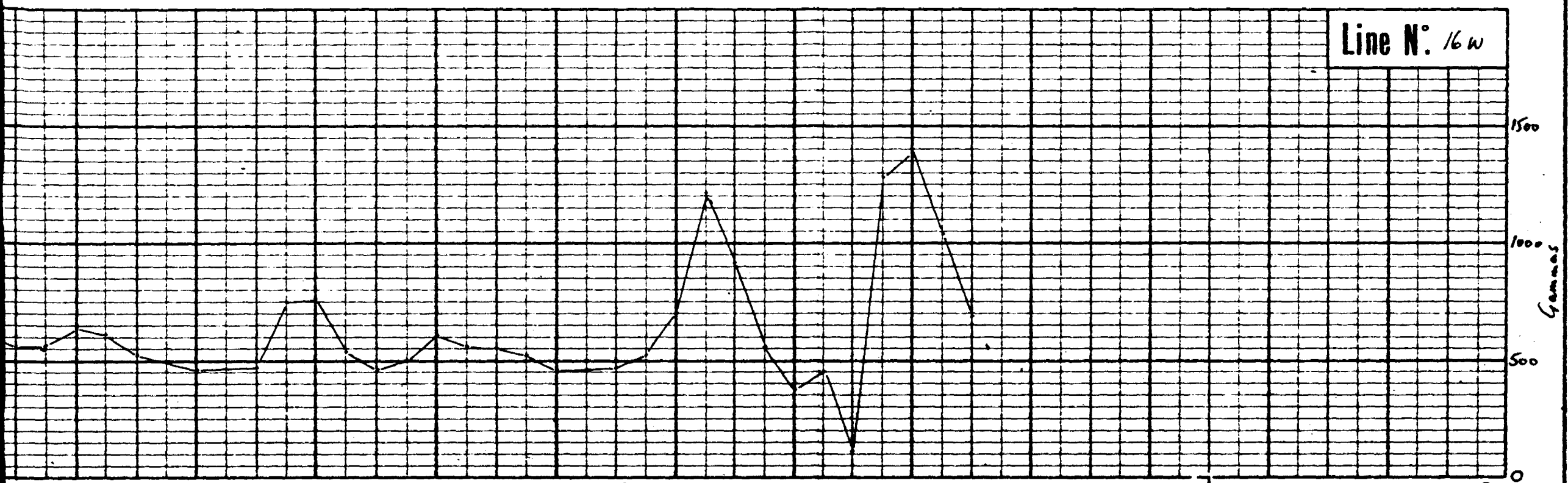


DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
(CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
DELAY TIME 0.45 SECS.
INTEGRATION TIME 0.65 SECS.



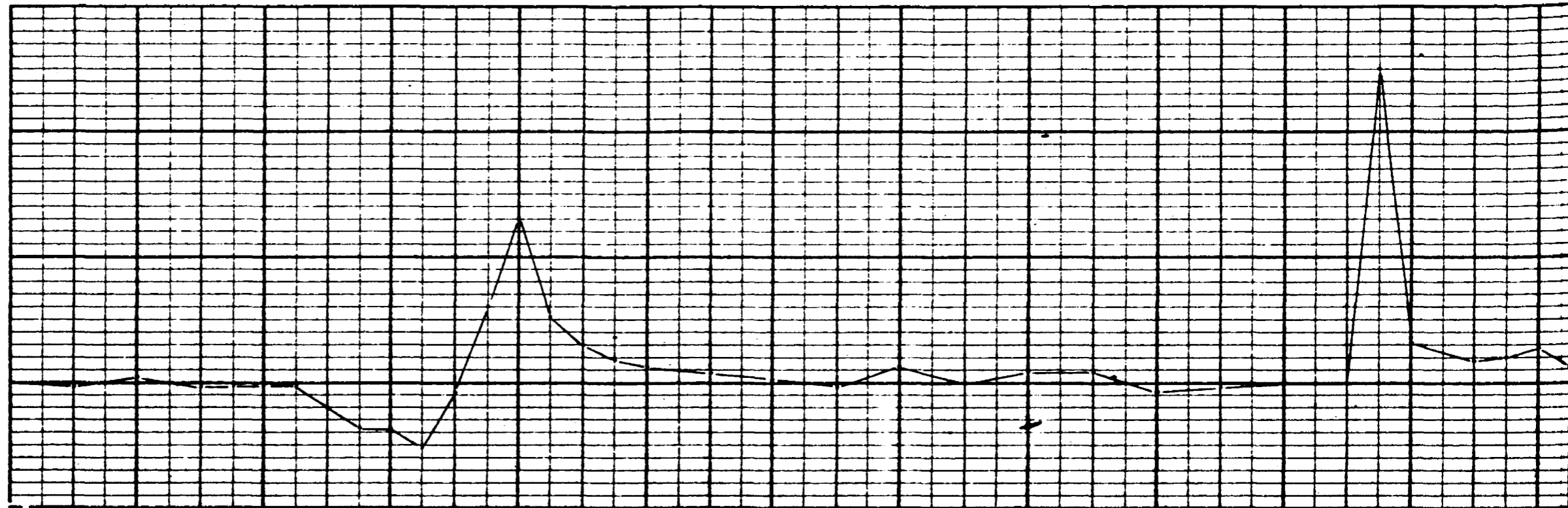
Line N° 16 W



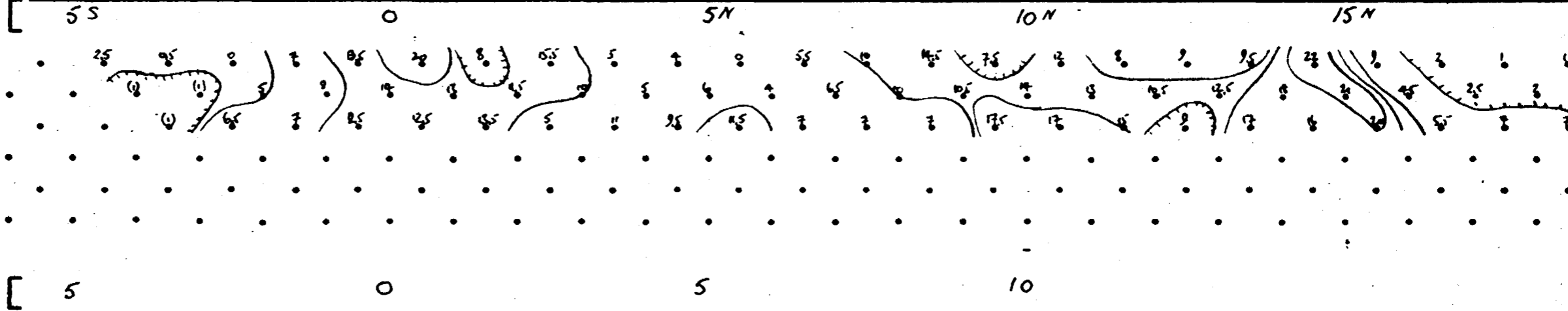

 SURVEYED & COMPILED BY
geotrex ltd
 OTTAWA
 HOUSTON - TUCSON

Client *Getty Mines Ltd*
 Area *Job Prospect*
 Survey *Dipole-Dipole n=1,2,3*

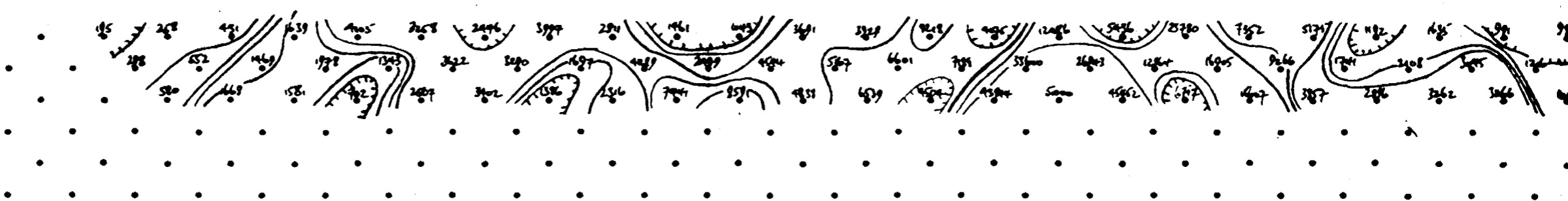
Job N° *85-352*
 Date *November 1974*
 Dipole (a) *100 feet*



Ma (Milliseconds)



Pa (Ohm Meters)

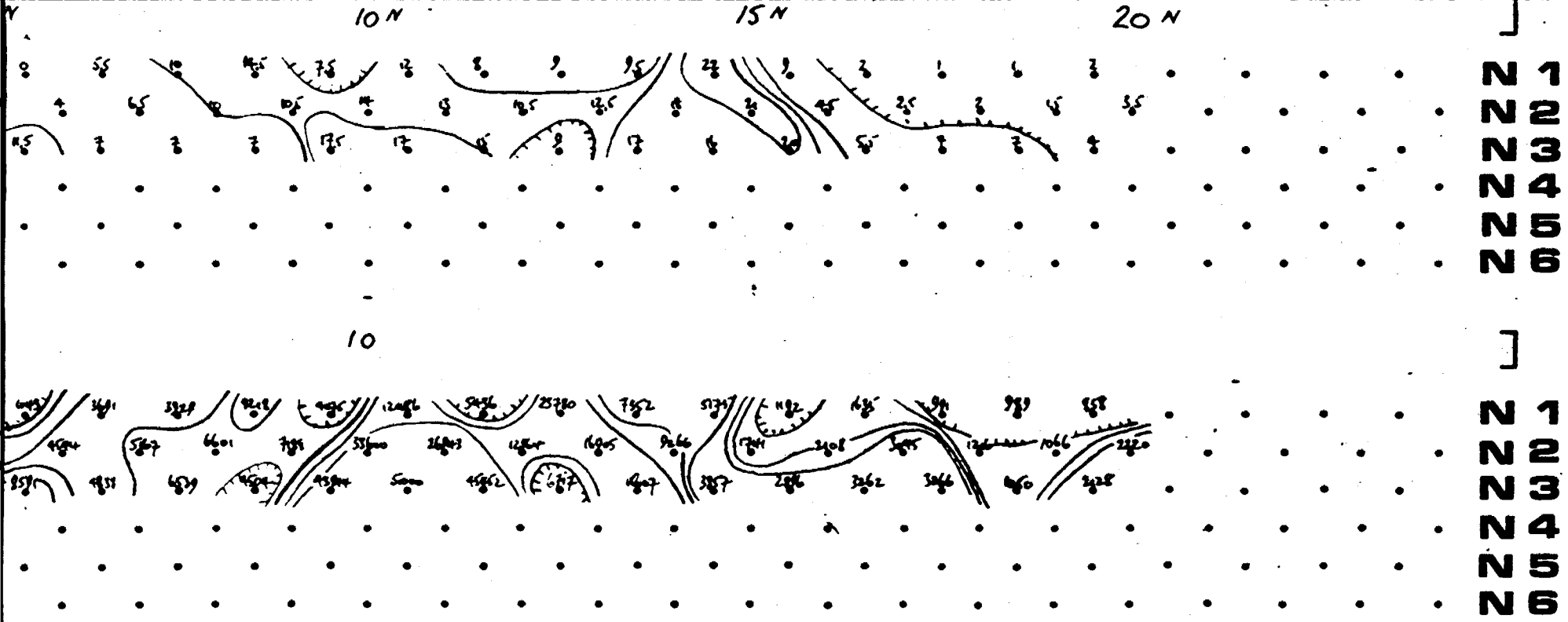
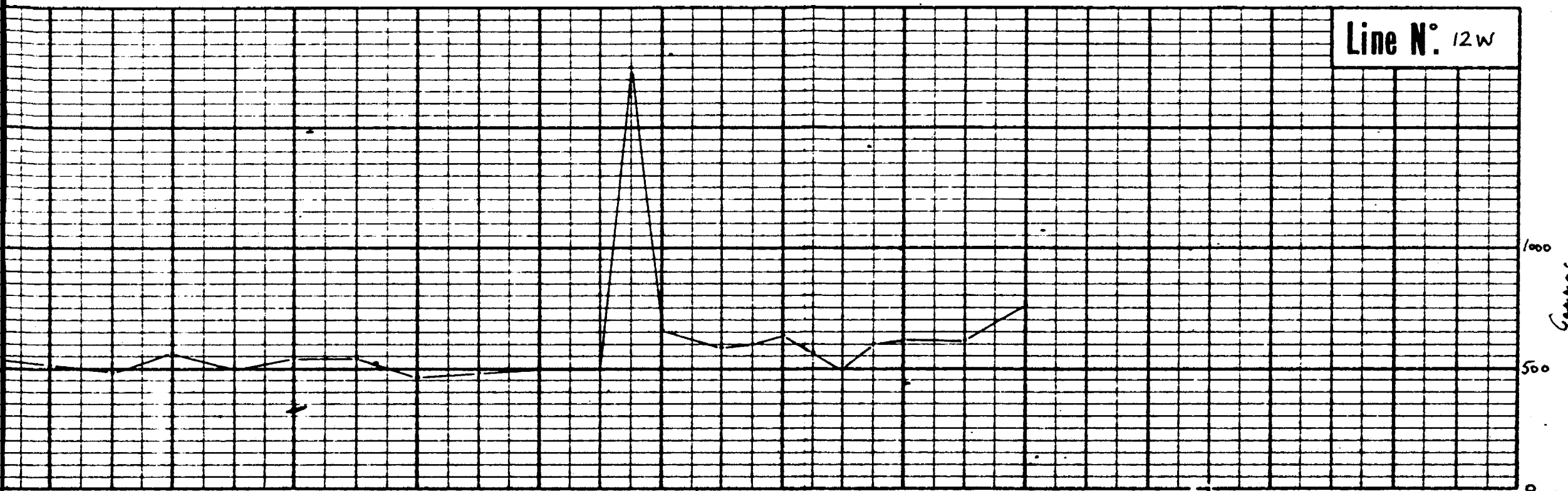


DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 12W

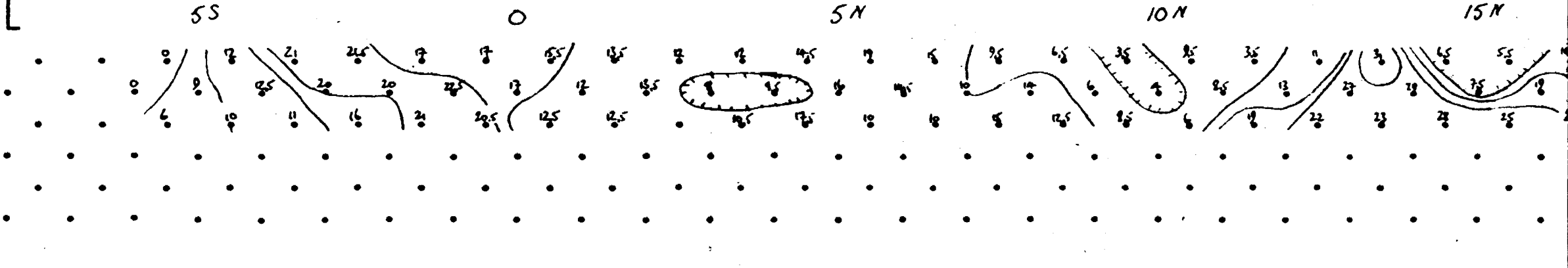


Client *Getty Mines Ltd*
 Area *SUBY PROSPECT*
 Survey *Dipole-Dipole n=1,2,3*

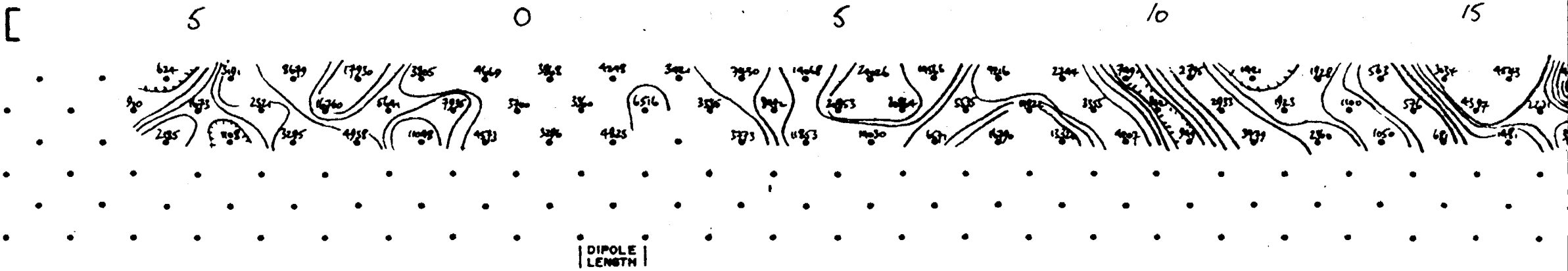
Job N° *85-352*
 Date *November 1974*
 Dipole (a) *100 feet*



Ma (Milliseconds)



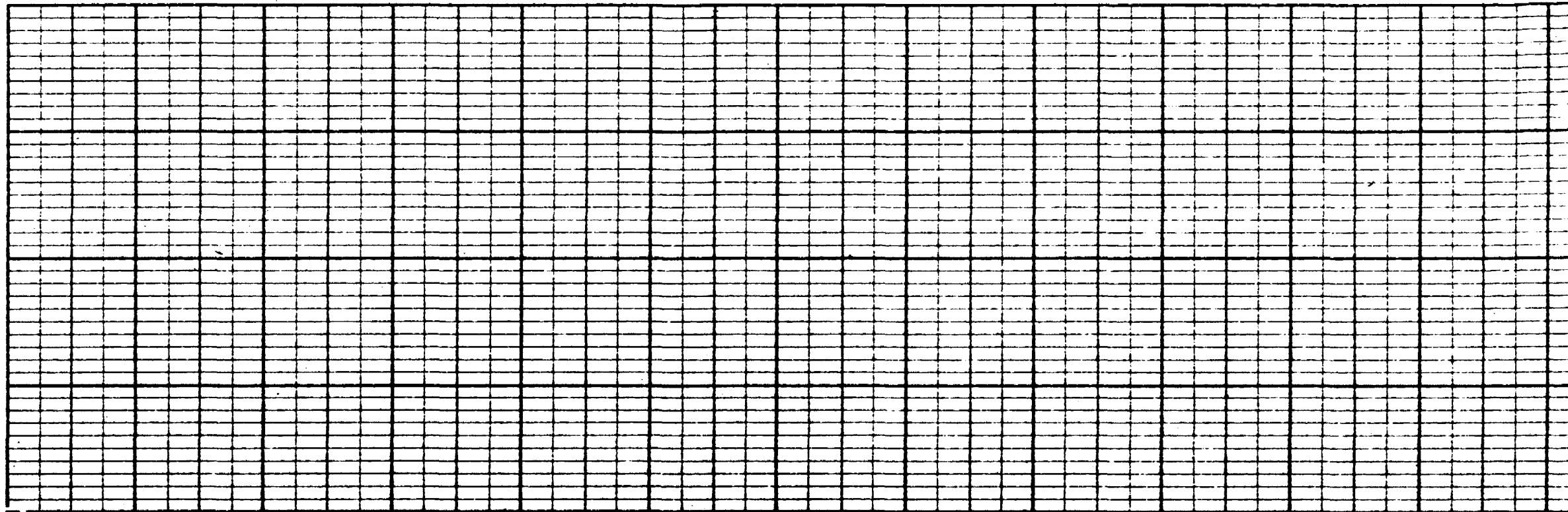
Pa (Ohm Meters)



DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



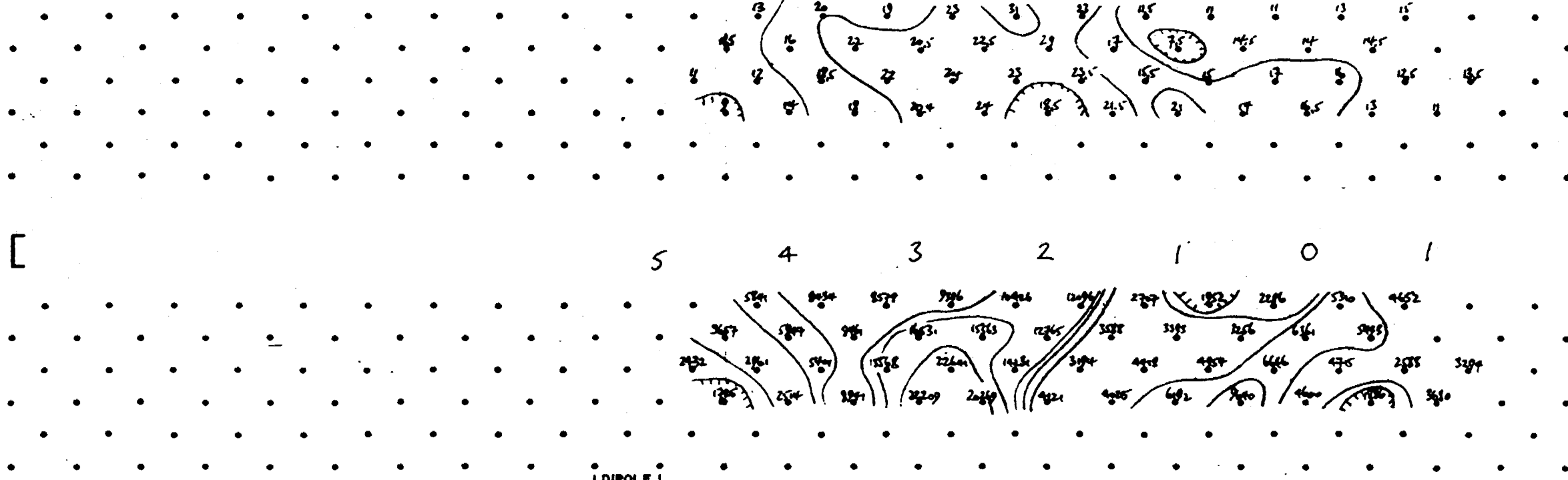


Ma (Milliseconds)

Pa (Ohm Meters)

SOUTH 5 4 3 2 1 0 1 NORTH

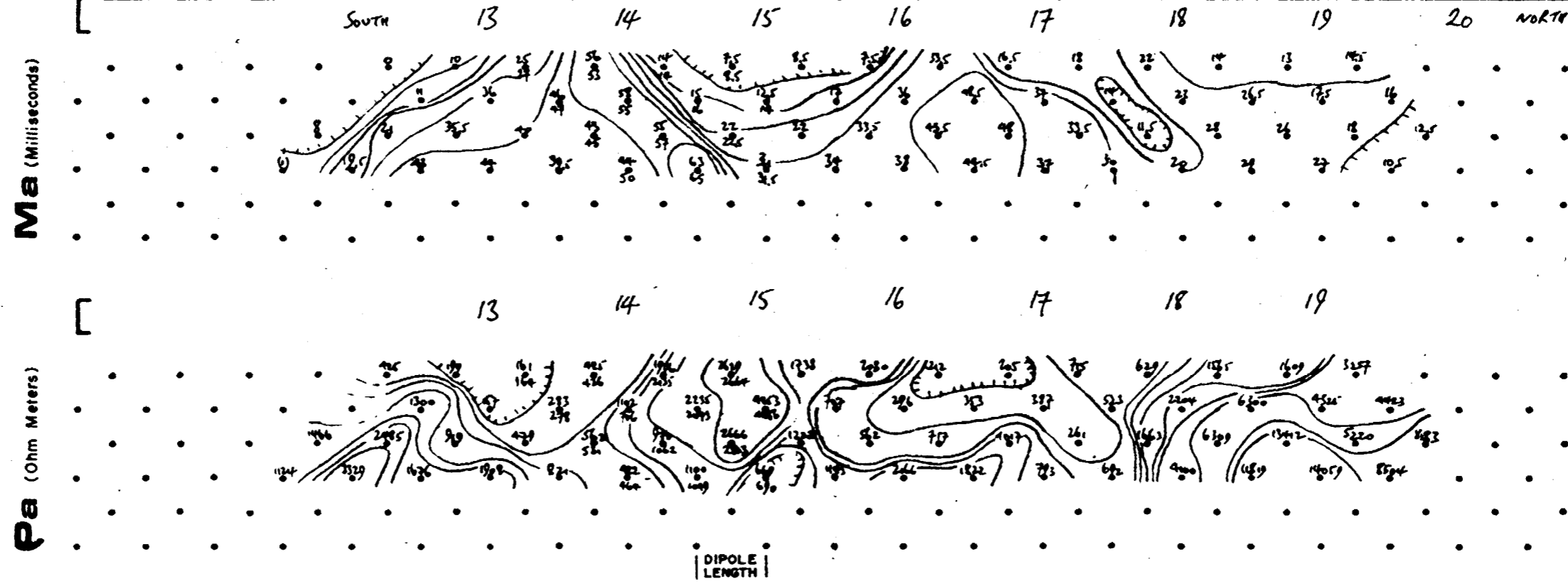
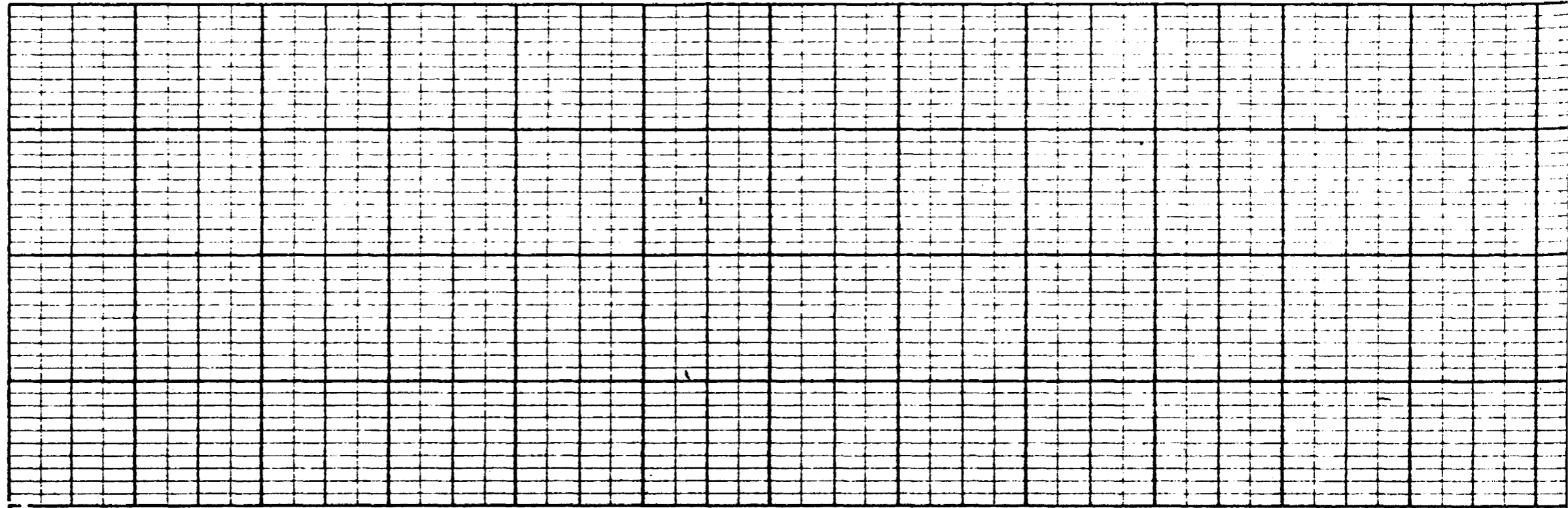
5 4 3 2 1 0 1



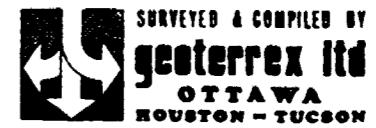
DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

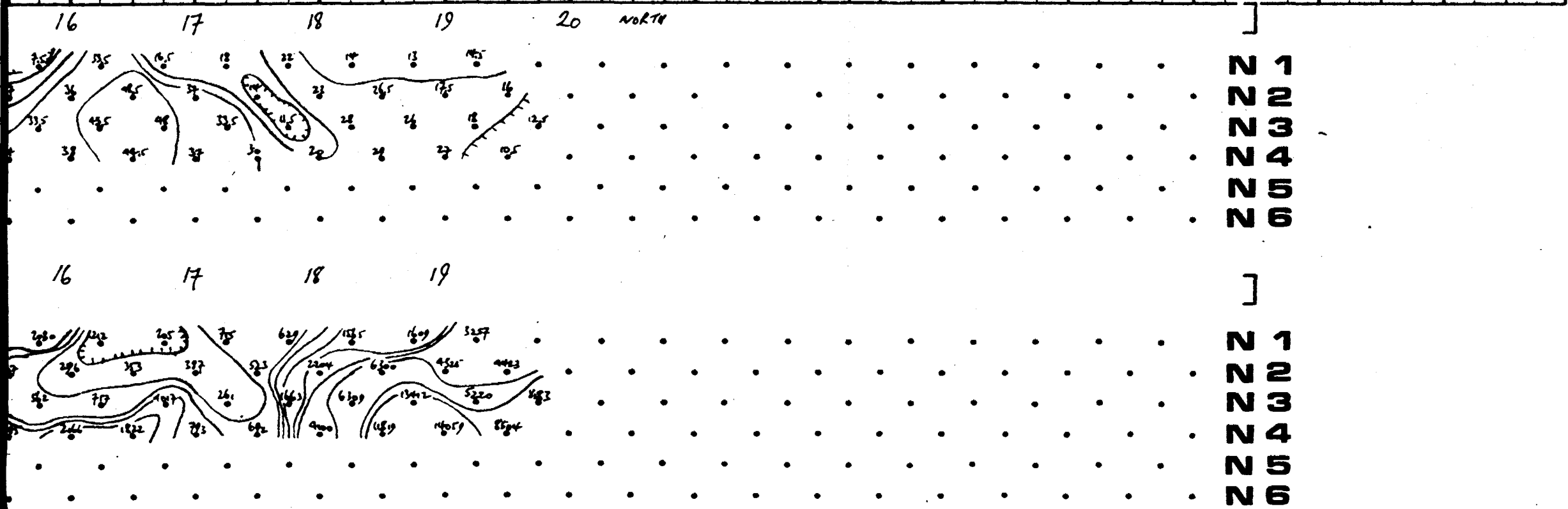




D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.

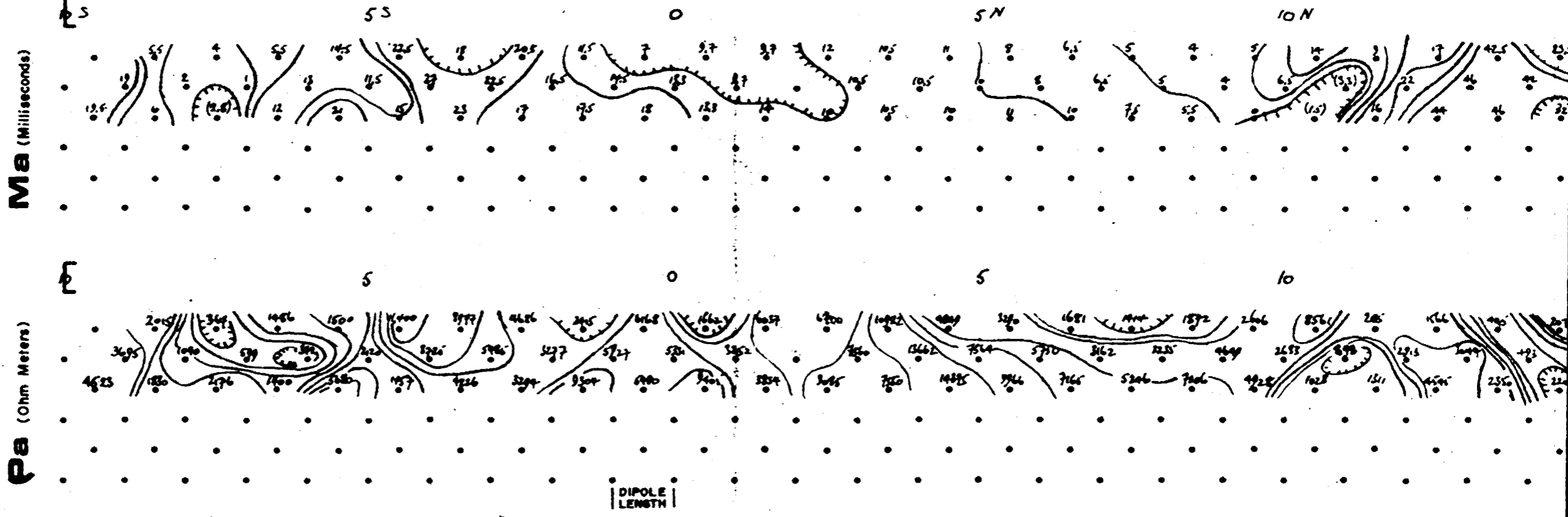


Line N° 0+00



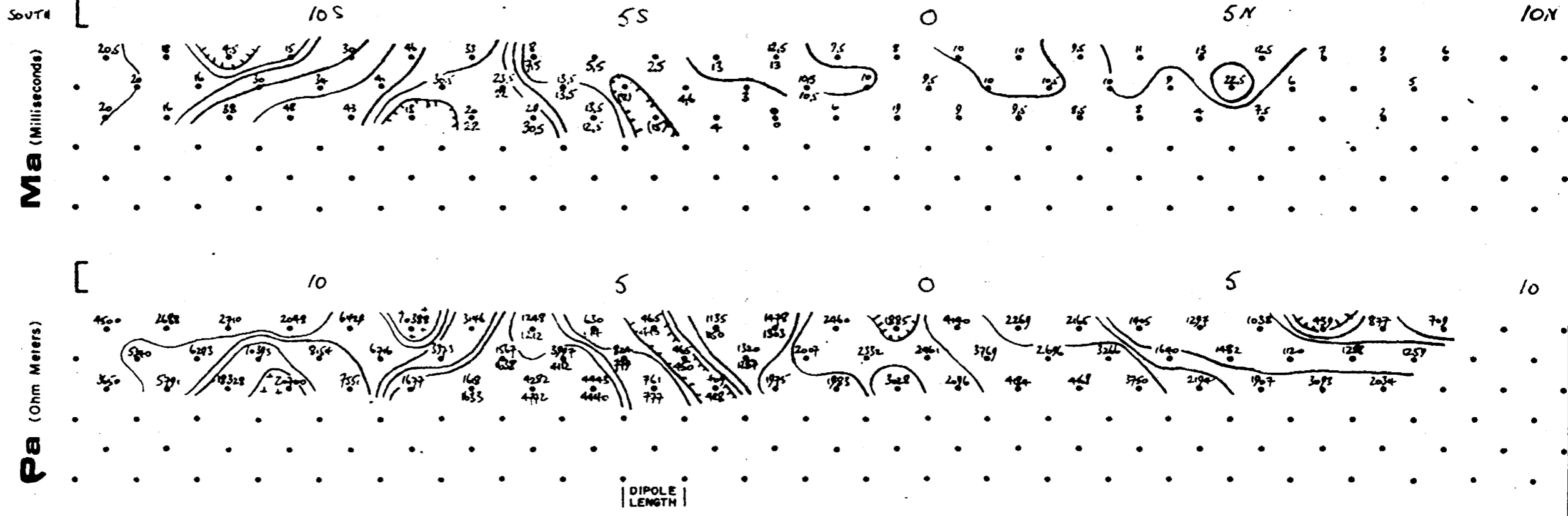
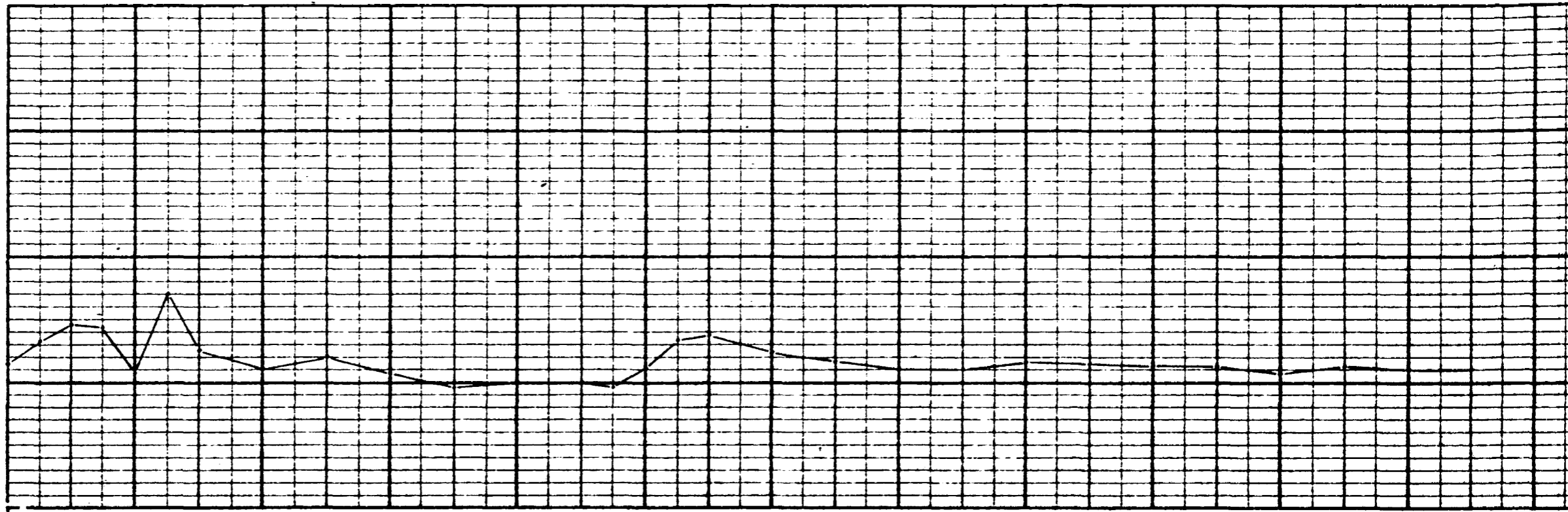
Client *Getty Mines Ltd*
Area *Job 4 PROSPECT*
Survey *Dipole-Dipole* $n = 1, 2, 3, 4$

Job N° *85-352*
Date *November 1974*
Dipole (a) *50 feet*



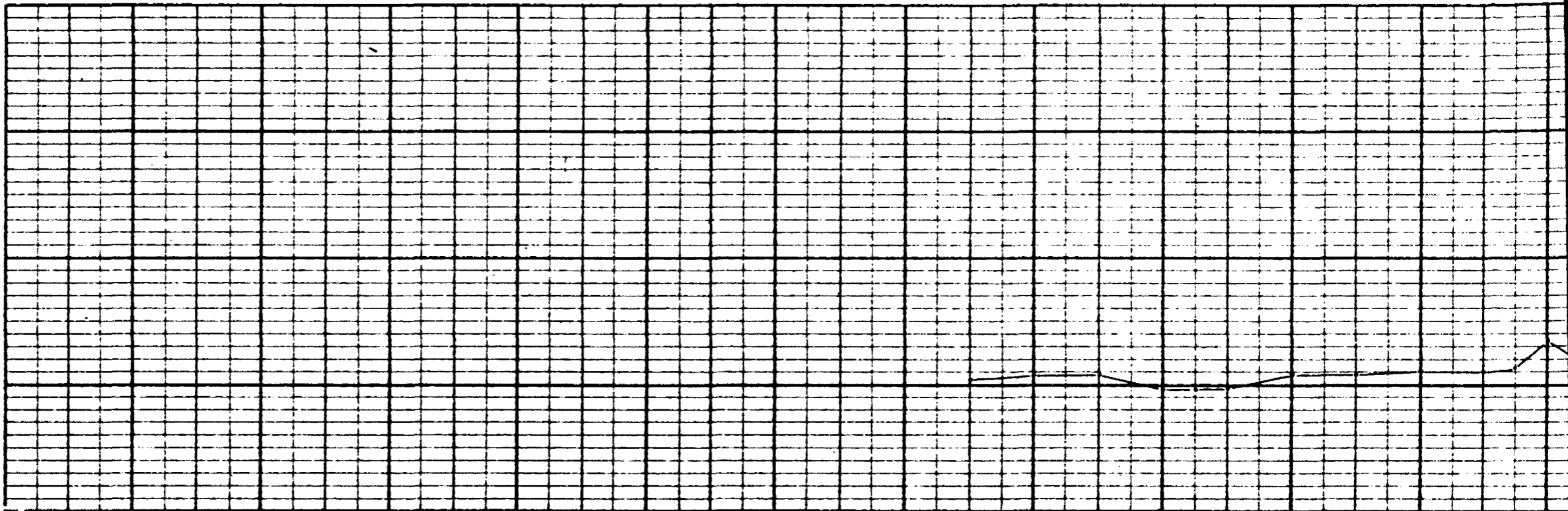
D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.





D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.





Ma (Milliseconds)

Pa (Ohm Meters)



DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 4E

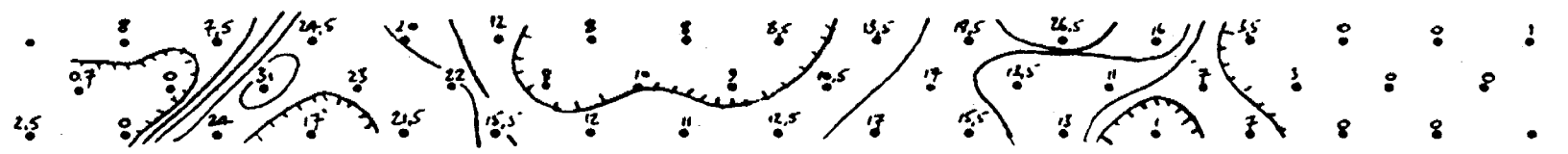
1500
1000
500
0
Gamma

10N

15N

20N

24N

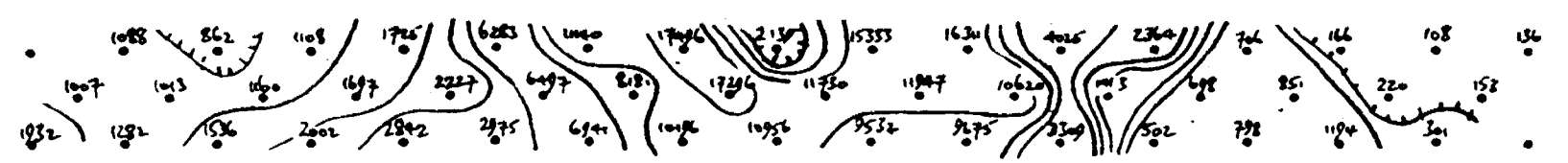


2
2
3
4
5
6

10

15

20



2
2
3
4
5
6

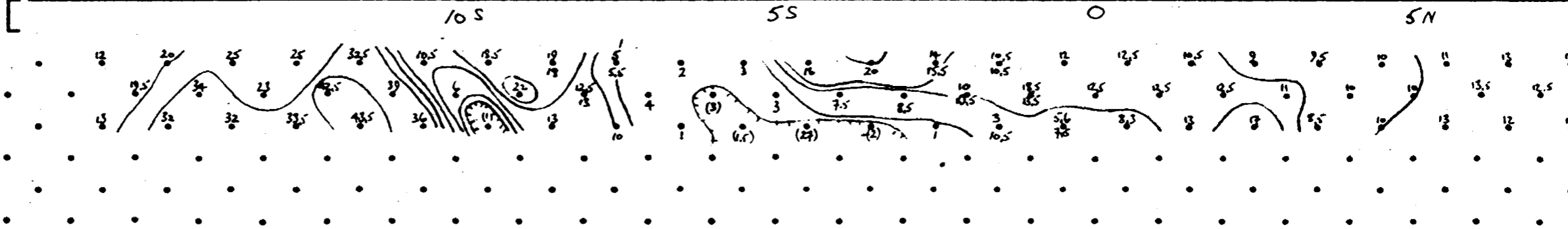


Client Getty Mines Ltd
Area JUBY PROPERTY
Survey Dipole Dipole no. 1,2,3

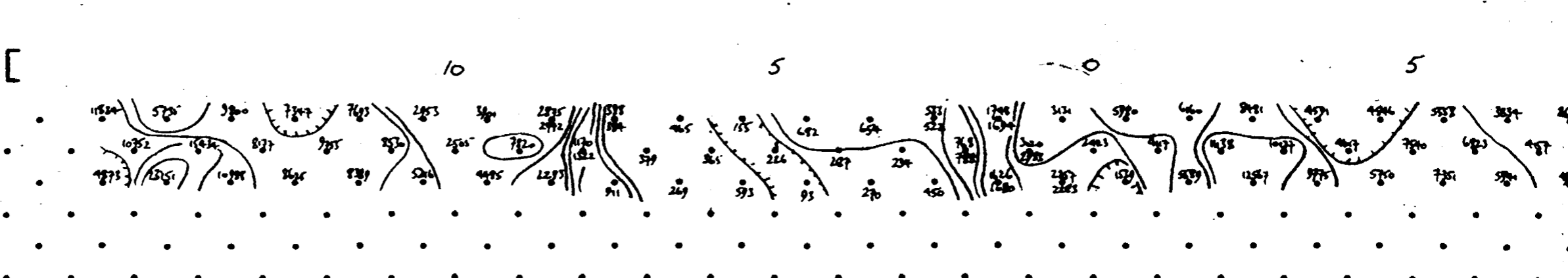
Job N° 85-352
Date November 1974
Dipole (a) 100 feet



Ma (Milliamps)



Pa (Ohm Meters)



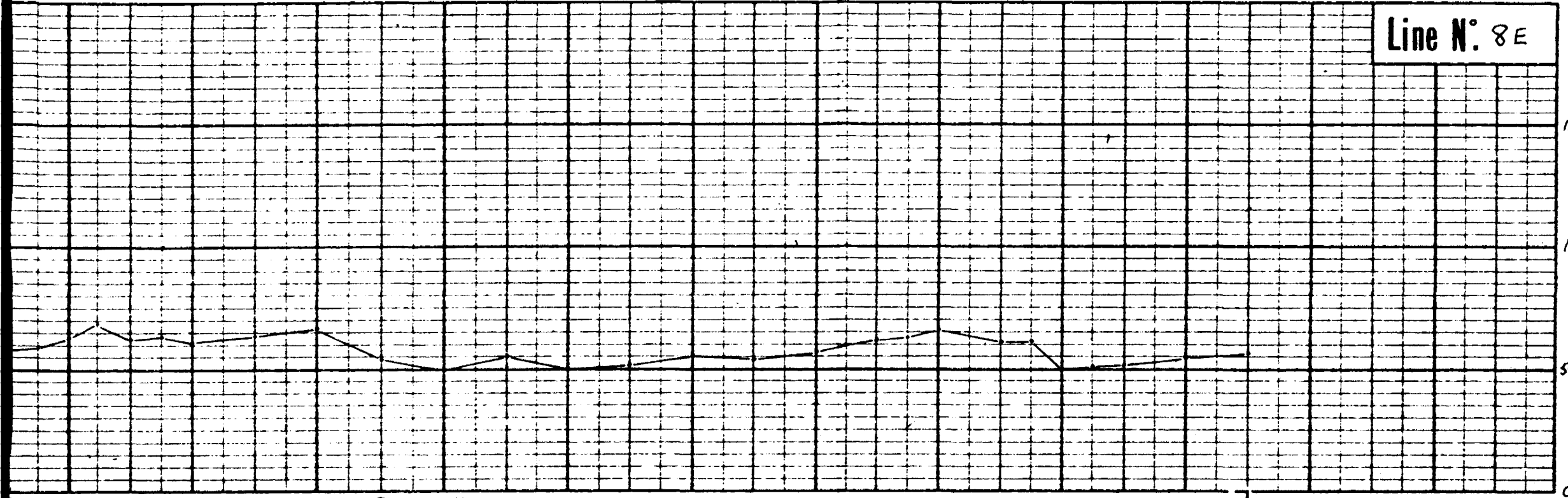
DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



Line N° 8 E

1500
1000
500
0
Gamma

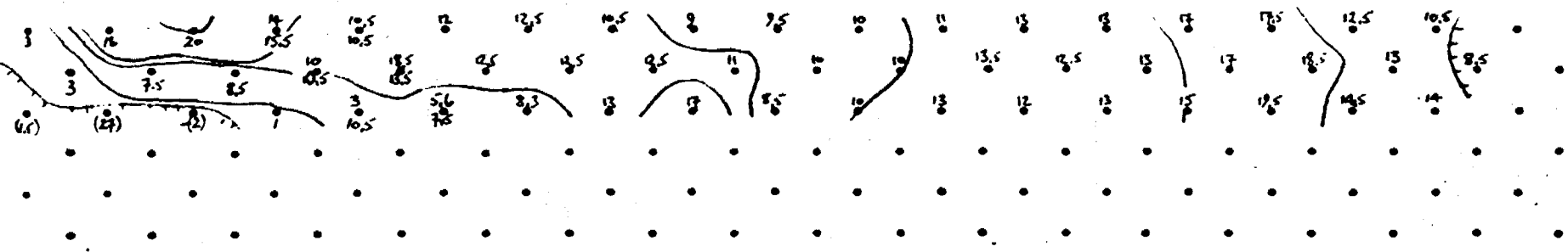


5S

0

5N

10N



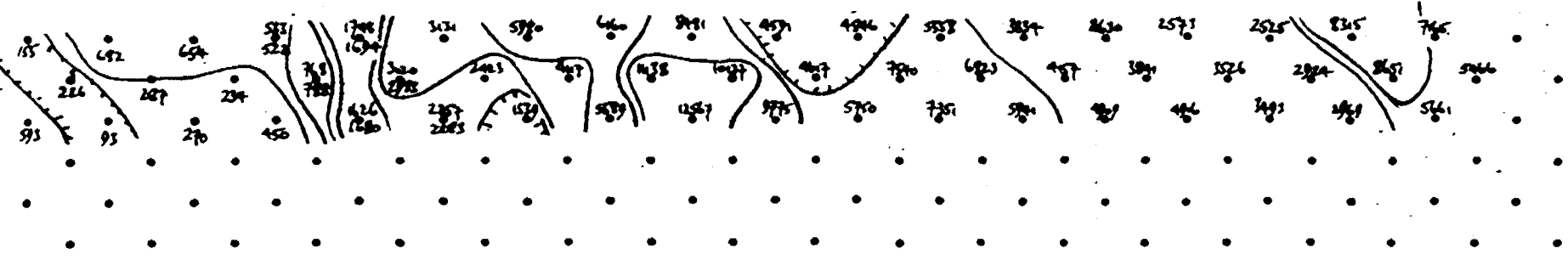
N 1
N 2
N 3
N 4
N 5
N 6

5

0

5

10



N 1
N 2
N 3
N 4
N 5
N 6



Client *Getty Mines Ltd*

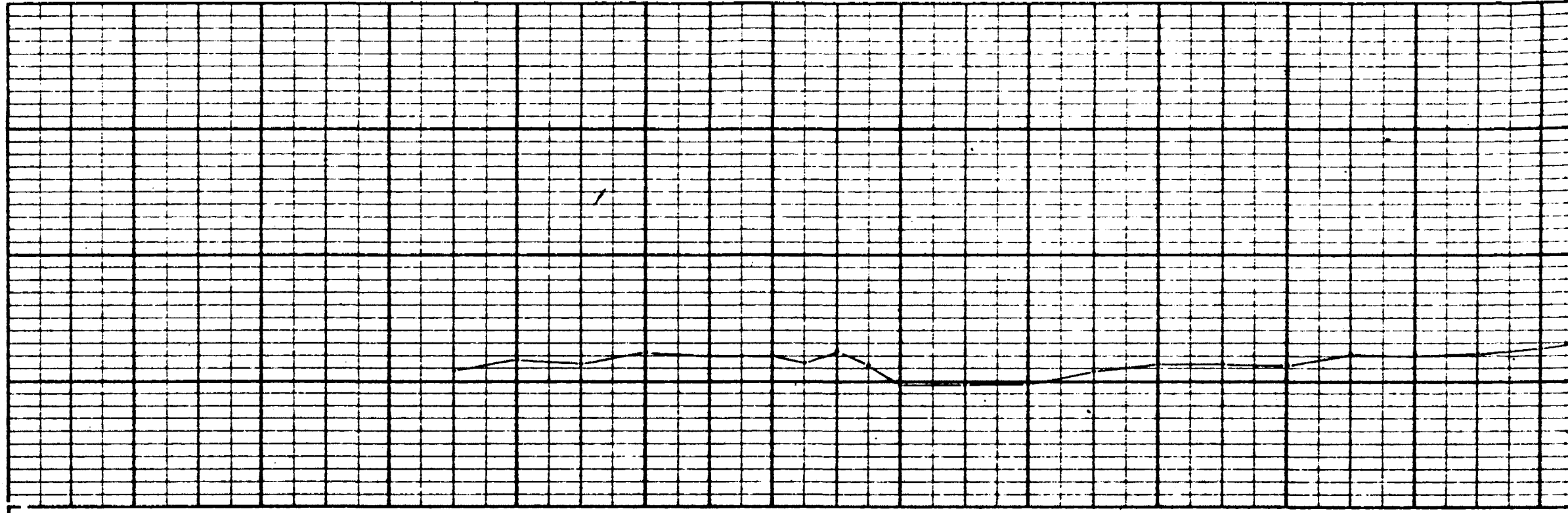
Area *JUBY PROSPECT*

Survey *Dipole - Dipole no. 1, 2, 3*

Job N° *85-352*

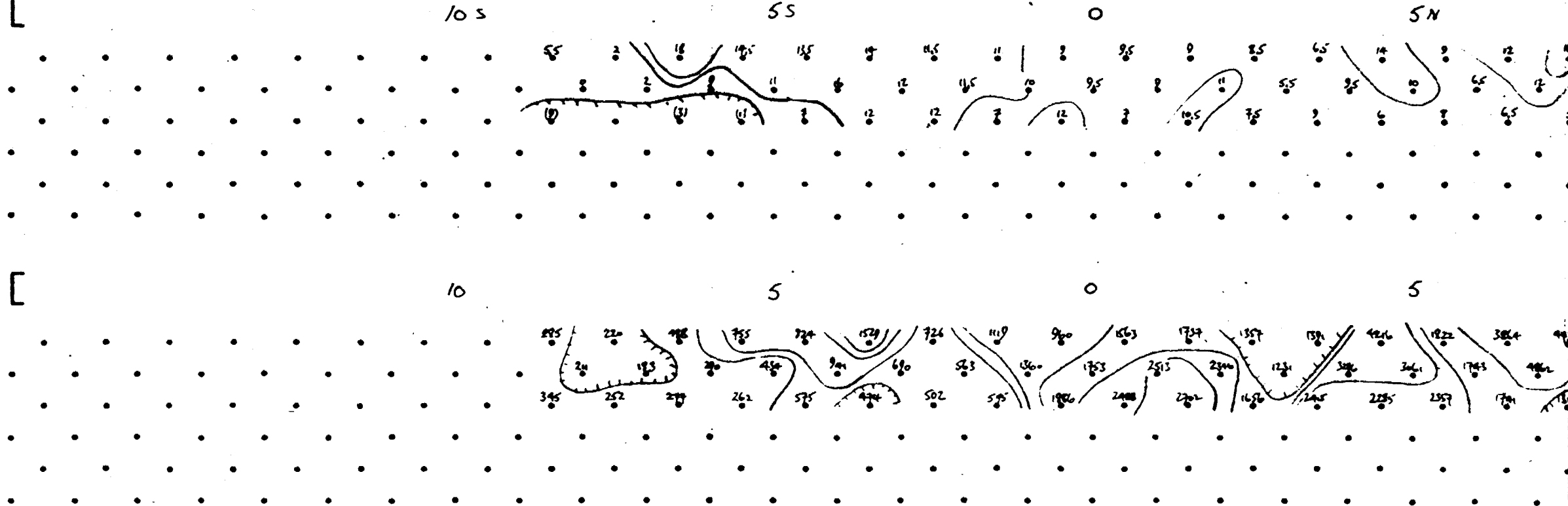
Date *November 1974*

Dipole (a) *100 feet*



Ma (Milliseconds)

Pa (Ohm Meters)



DIPOLE LENGTH

D.C. PULSE I.P.; CHARGING TIME 2 SECS.
 (CHARGEABILITIES FOR COMPLETE CYCLE) OFF-TIME 2 SECS.
 DELAY TIME 0.45 SECS.
 INTEGRATION TIME 0.65 SECS.



GEOPHYSICAL - GEOLOGIC
TECHNICAL DATA



41P10SW0016 2.1734 TYRRELL

900

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 GROUND MAGNETOMETER
Township or Area TYRRELL TOWNSHIP
Claim holder(s) M. SURY ; F. HINES ; E. ANGLEHART ;
GETTY MINING NORTHEAST LTD.
Author of Report J. LOBACH
Address 1/6 GECTERREX LTD. 2060 WALKLEY RD. OTTAWA
Covering Dates of Survey Nov. 12 - 24 1974
(linecutting to office)
Total Miles of Line cut _____

<u>SPECIAL PROVISIONS</u> <u>CREDITS REQUESTED</u>	Geophysical	DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	-Electromagnetic _____	
	-Magnetometer <u>20</u>	
	-Radiometric _____	
ENTER 20 days for each additional survey using same grid.	-Other _____	
	Geological _____	
	Geochemical _____	

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

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

DATE: 17 March 1975 SIGNATURE: [Signature]
Author of Report or Agent

PROJECTS SECTION

Res. Geol. _____ Qualifications See pag. 2 of the report

Previous Surveys 2-1557 Geological + Geochemical

2-1076 Geophysical

Checked by 63-1040 date "

63-2317 Airborne Geophysical

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

MINING CLAIMS TRAVERSED
List numerically

<u>L</u>	<u>2/3</u> not covered	<u>418 717</u>
(prefix)	<u>1/3</u>	(number) <u>373 474</u>
	<u>1/4</u>	<u>373 475</u>
	<u>3/4</u>	<u>373 661</u>
	<u>3/4</u>	<u>373 662</u>
		<u>318 348</u>
		<u>318 351</u>
		<u>345 168</u>
		<u>345 169</u>
		<u>402 825</u>
		<u>402 826</u>
		<u>402 828</u>
	<u>1/4</u>	<u>402 829</u>
		<u>402 831</u>
	<u>1/4</u>	<u>402 832</u>
		<u>402 834</u>
		<u>402 835</u>

If space insufficient, attach list

Area of claims not covered = $3 \frac{1}{4}$
 $17 \times 20 = 340 \div (17 + 3)$
 $= 17 \text{ days per claim}$
TOTAL CLAIMS 17

OFFICE USE ONLY

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

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations 795 Number of Readings _____
Station interval _____
Line spacing _____
Profile scale or Contour intervals _____
(specify for each type of survey)

MAGNETIC

Instrument SCINTREX MF-1
Accuracy - Scale constant ± 10 γ
Diurnal correction method RE-READING STATIONS AT FREQUENT INTERVALS
Base station location BASELINE B+00W

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 _____
Time domain _____ Frequency domain _____
Frequency _____ Range _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____

**GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT**

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 Tyrrill Township
 Claim holder(s) M. L. Juby ; F. W. Hines ;
E. Angbehart ; Getty Mining N.E. Ltd.
 Author of Report J. Lobach
 Address % Gesteveex Ltd., 2060 Walkley Rd. Ottawa
 Covering Dates of Survey Nov. 12 - 24, 1974
 (linecutting to office)
 Total Miles of Line cut _____

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	418717
2/3 not covered	
1/2	345168
	345169
1/4	402825
1/4	402826
	402834
	402835
1/3	373474
1/4	373475
3/4	373662
1/4	318348
	318351
Area of claims not covered = 3 1/4	
12 x 20 = 240 ÷ (12 + 3)	
= 16 days per claim.	
TOTAL CLAIMS <u>12</u>	

If space insufficient, attach list

**SPECIAL PROVISIONS
CREDITS REQUESTED**

ENTER 40 days (includes line cutting) for first survey.
 ENTER 20 days for each additional survey using same grid.

I.P.

	DAYS per claim
Geophysical	
- Electromagnetic _____	
- Magnetometer _____	
- Radiometric _____	
- Other <u>20</u>	
Geological _____	
Geochemical _____	

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

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

DATE: 17 March 1975 SIGNATURE: [Signature]
 Author of Report or Agent

PROJECTS SECTION

Res. Geol. _____ Qualifications _____
 Previous Surveys _____

Checked by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

OFFICE USE ONLY

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

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations 316 Number of Readings _____
Station interval _____
Line spacing _____
Profile scale or Contour intervals _____
(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 Scintrex IPR-17
Time domain Newton Type Receiver Frequency domain _____
Frequency 2 sec. on / 2 sec. off Range _____
Power 250 W @ 115 Hz
Electrode array Dipole - Dipole
Electrode spacing 100 ft.
Type of electrode shingle steel

Knight Twp. - M.228

THE TOWNSHIP OF
OF
2.1734
TYRRELL

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND Ⓟ
- CROWN LAND SALE C.S.
- LEASES Ⓛ
- 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 ⓧ
- CANCELLED Ⓞ
- PATENTED FOR SURFACE RIGHTS ONLY Ⓞ

NOTES

400' Surface Rights Reservation along the shores of all lakes & rivers

- MINING LANDS -
DATE OF ISSUE
MAR 21 1975
MINISTRY
OF NATURAL RESOURCES

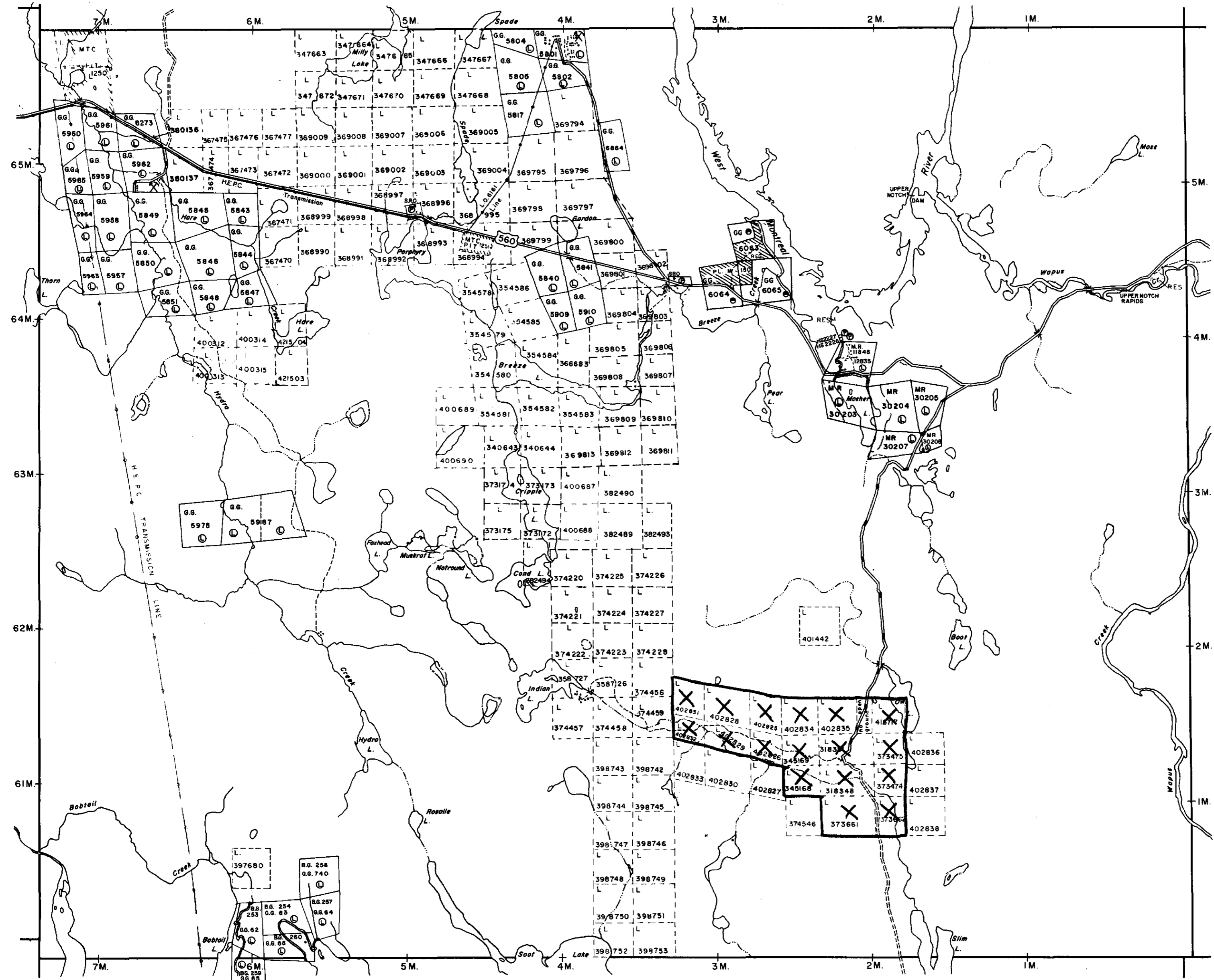
PLAN NO. - **M.253**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

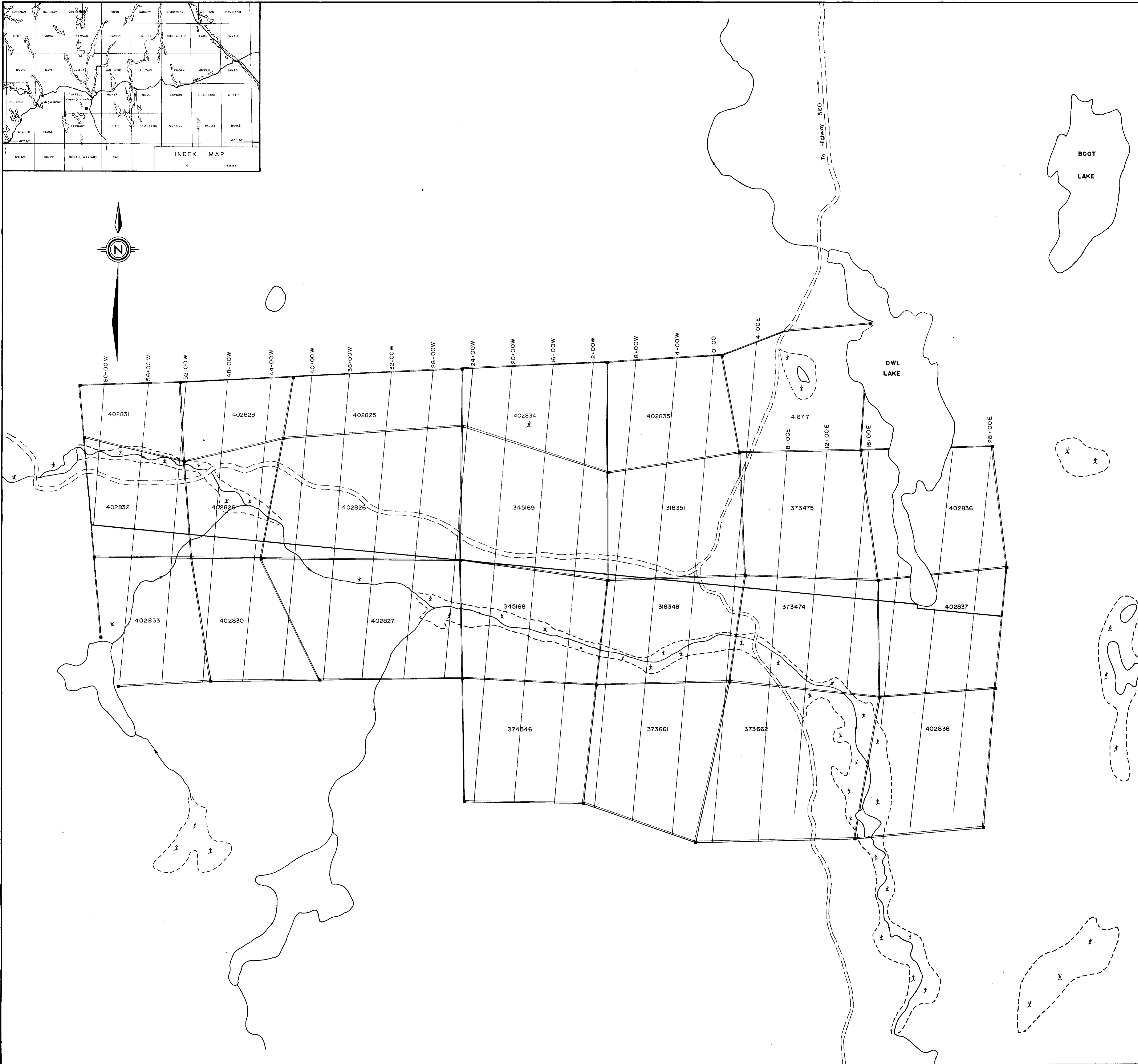
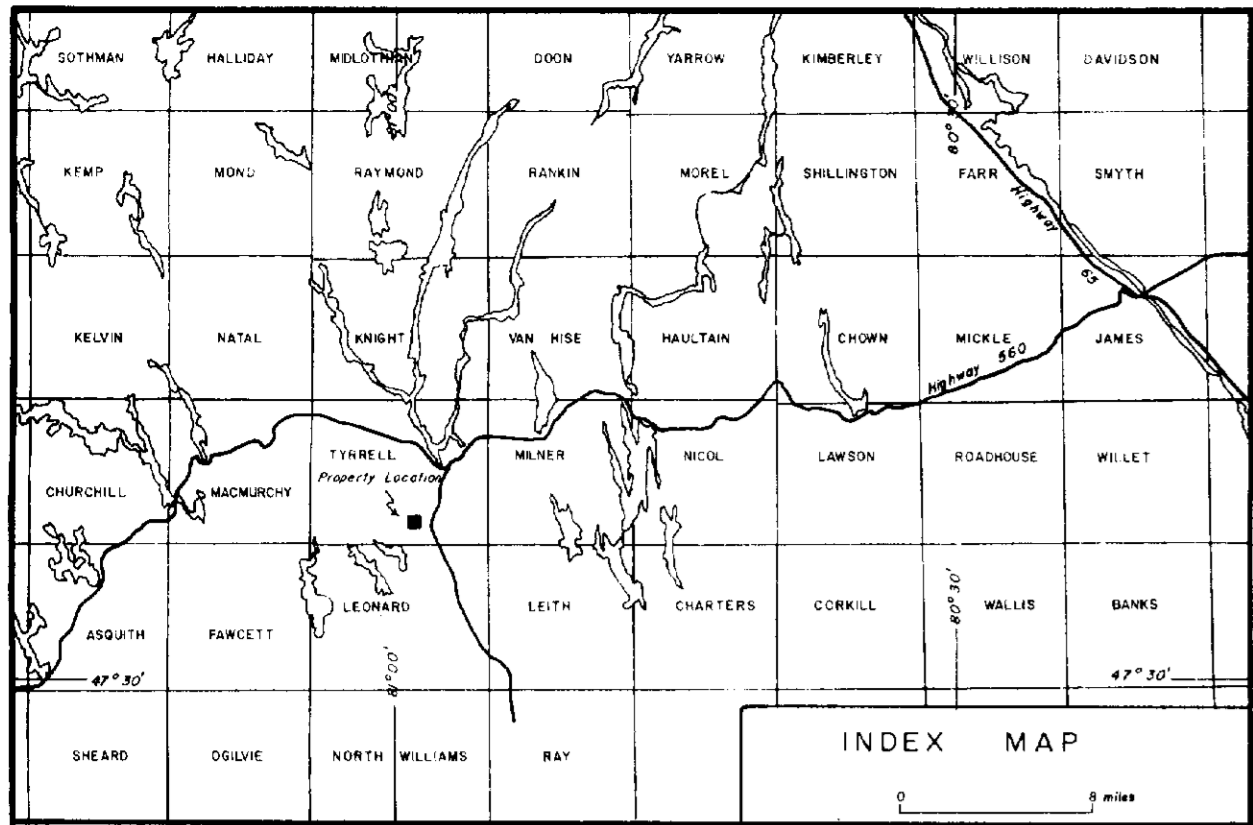
Macmurchy Twp. - M.842

Milner Twp. - M.236

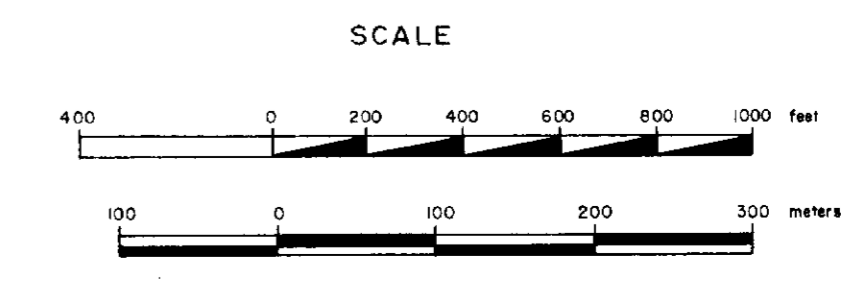
Leonard Twp. - M.232



41P105W0016 2.1734 TYRRELL



- LEGEND**
- CLAIM LINE & POST
 - LAKE
 - STREAM
 - SWAMP or MARSH
 - ROAD
 - GRID LINE
 - GRID BASE LINE



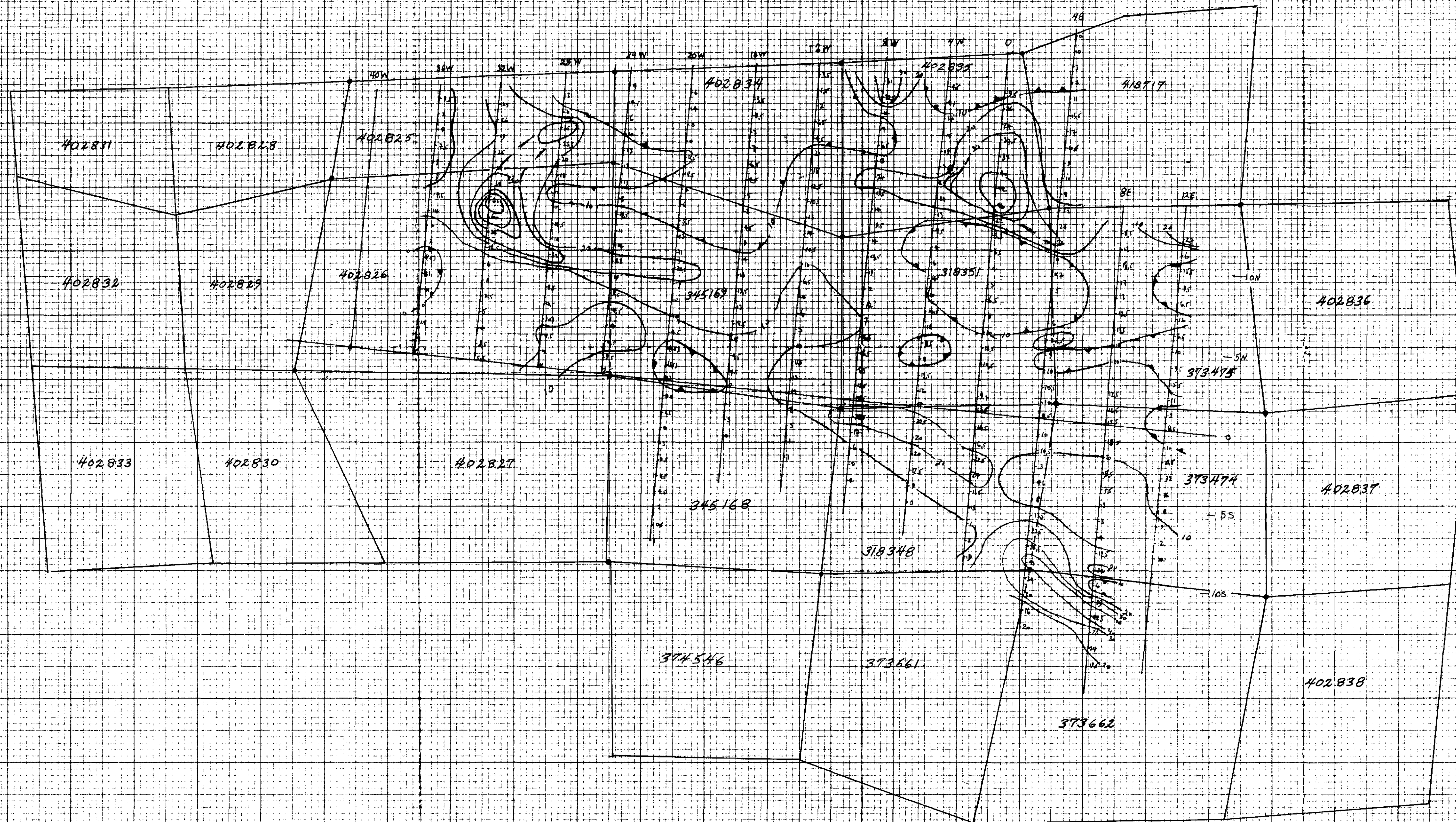
David F. Cameron


JUBY PROJECT

PROPERTY MAP
to accompany I.P. & Mog Survey

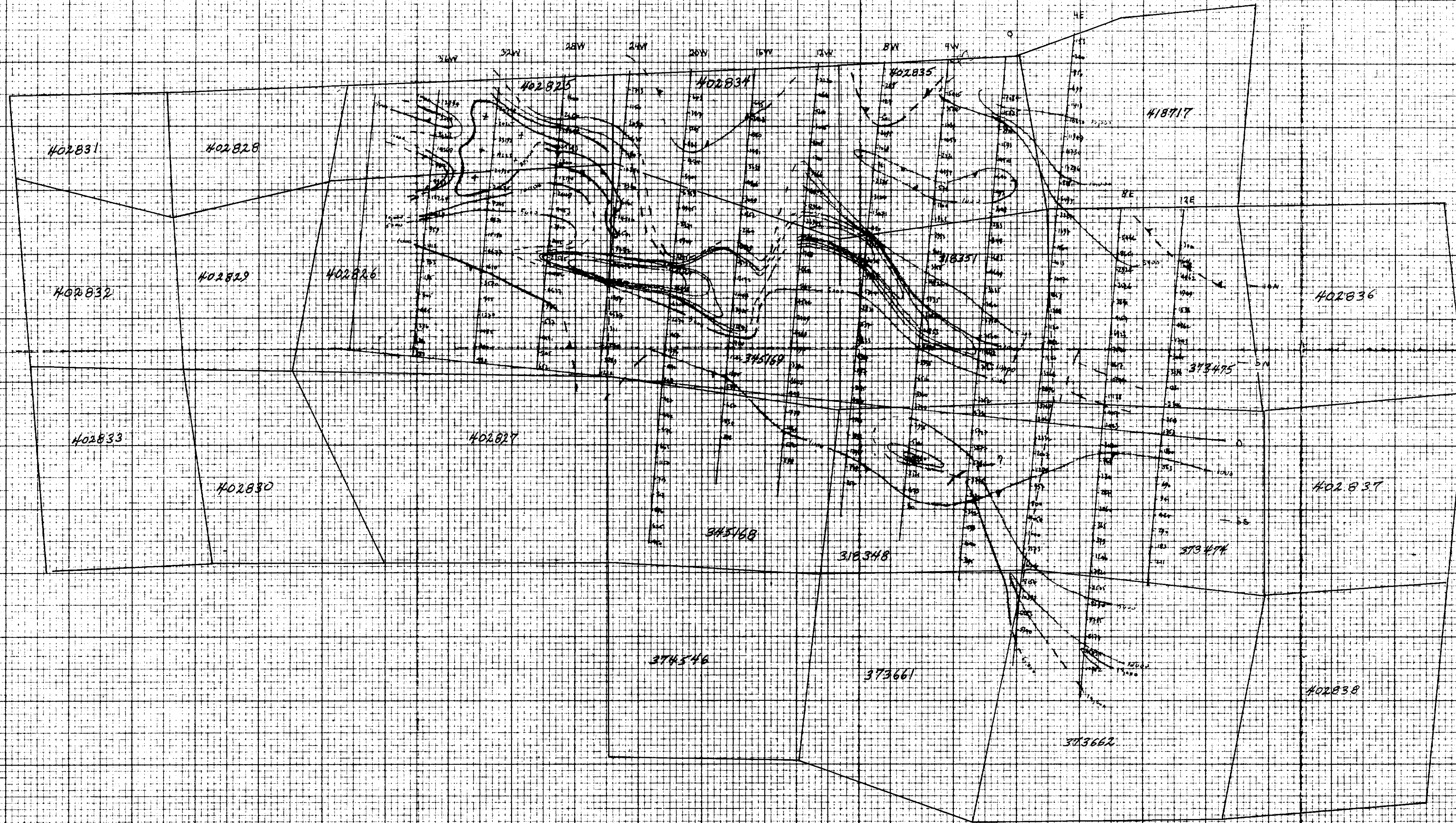
DRAWN BY: <i>J. Cameron</i>	N.T.S.: 41 P. 10
FILE:	DATE: 17 Mar. 1975
DRAWING:	

Getty Mines, Limited

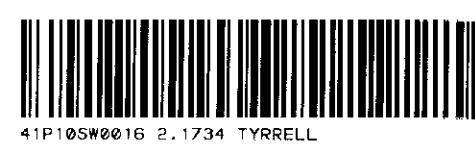


	SURVEYED & COMPILED BY geoterrex	FOR GETTY MINES LTD. <i>David J. Brown</i> DONALD G. CAMPBELL, C.E.T.
	JOB 4 PROSPECT	
Scales: 1 inch = 400 feet.	CHARGEABILITY CONTOUR MAP Dipole Dipole $a = 100 \quad n = 2$ CONTOUR INTERVAL - 0, 10, 20, 30, 40, 50, 60 msecs	
Instruments: Sonotrac 1R-7 Rx Sonotrac 250 and Tx Elliot 15 kW Tx	SURVEY BY J.B. K.K. PLOTTED BY J.B. DATE Nov 1974 GEOTERREX PROJECT NO. 80352	





	SURVEYED & COMPILED BY geotrex	FOR GEMMY MINES LTD. <i>David G. Cameron, I.C.E.</i>
	JUBY PROSPECT	
Scales: 1 inch = 400 feet CONTOUR INTERVAL, 1000, 5000, 7500 10,000, 15,000, 20,000 ohm-m		APPARENT RESISTIVITY CONTOUR MAP n=100 n=2
Instruments: Scribner IPR-7 Re Scribner 250w Tx Elliot 1.5kw Tx		SURVEYED BY J.B. KK. PLOTTED BY J.B. DATE November 1970. GEOTREX PROJECT NO. 00372



Problem Page

The original page in this document had a problem when scanned and as a result was unable to convert to Portable Document Format (PDF).

We apologize for the inconvenience.

Problème de conversion de page

Un problème est survenu au moment de balayer la page originale dans ce document. La page n'a donc pu être convertie en format PDF.

Nous regrettons tout inconvénient occasionné par ce problème.

