GEOPHYSICAL REPORT

ON AN

INDUCED POLARIZATION SURVEY

ON THE

WANAPITEI LAKE PROPERTY

RATHBUN TOWNSHIP

ONTARIO

FOR

GOLD'OR MINING CORP

Prepared by:
R. J. Meikle
October, 1988

R J Meikle

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Introduction

The Wanapitei Lake Property consists of 18 staked claims and 4 patented claims all of which are located in Rathbun Township on the northern shore of Lake Wanipitei approximately 25 miles northeast of the city of Sudbury.

The first gold discoveries in this area were made in the early 1890's after the copper nickel discoveries in the Sudbury basin. Gold exploration again became active in the 1920's and 30's and most recently there has been production of gold from the Orofino and Groundstar properties to the south of the subject claims in Scadding and Davis Townships.

Most recently, the area has again become active due to discoveries of gold and platinum to the west of the subject property by Falconbridge and Prophet Resources in Parkin Township (refer to Figure 2 for location of property and areas of interest).

Personnel

People directly involved with the survey were all employed by Exsics Exploration and are as follows:

Pete Rasmussen	Timmins, Ont.
John Pentinnen	Timmins, Ont.
Ed Brunet	Timmins, Ont.
Mike Hickey	North Bay, Ont.

All work was supervised by R. J. Meikle.

Location

The group of claims is located on the northeastern shore of Wanapitei Lake immediately east of Bonhome Creek in the northern part of Rathbun Township, District of Sudbury in Northeastern Ontario at 46 degrees - 46'N latitude, 80 degres - 43' W longitude. The property is approximately 25 miles northeast of Sudbury, Ontario (Figure 1, 2)

Access

The property is most easily accessed by boat from either the West Bay road on the west side of the lake from Capreol or Highway 541 at Bolands Bay on the south shore of the Lake. Float equipped aircraft or helicopter could also provide access to the claims.

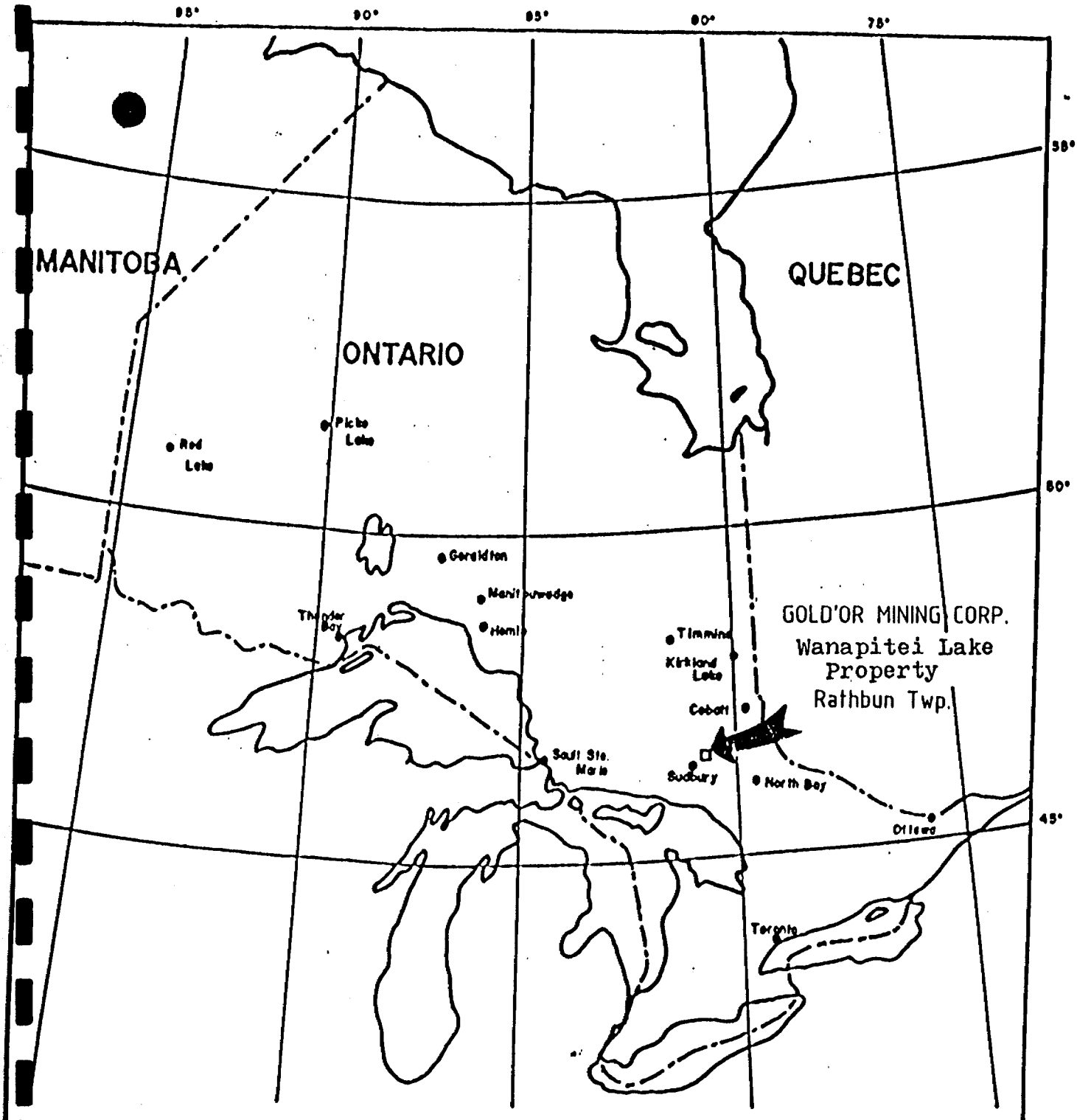


FIGURE 1

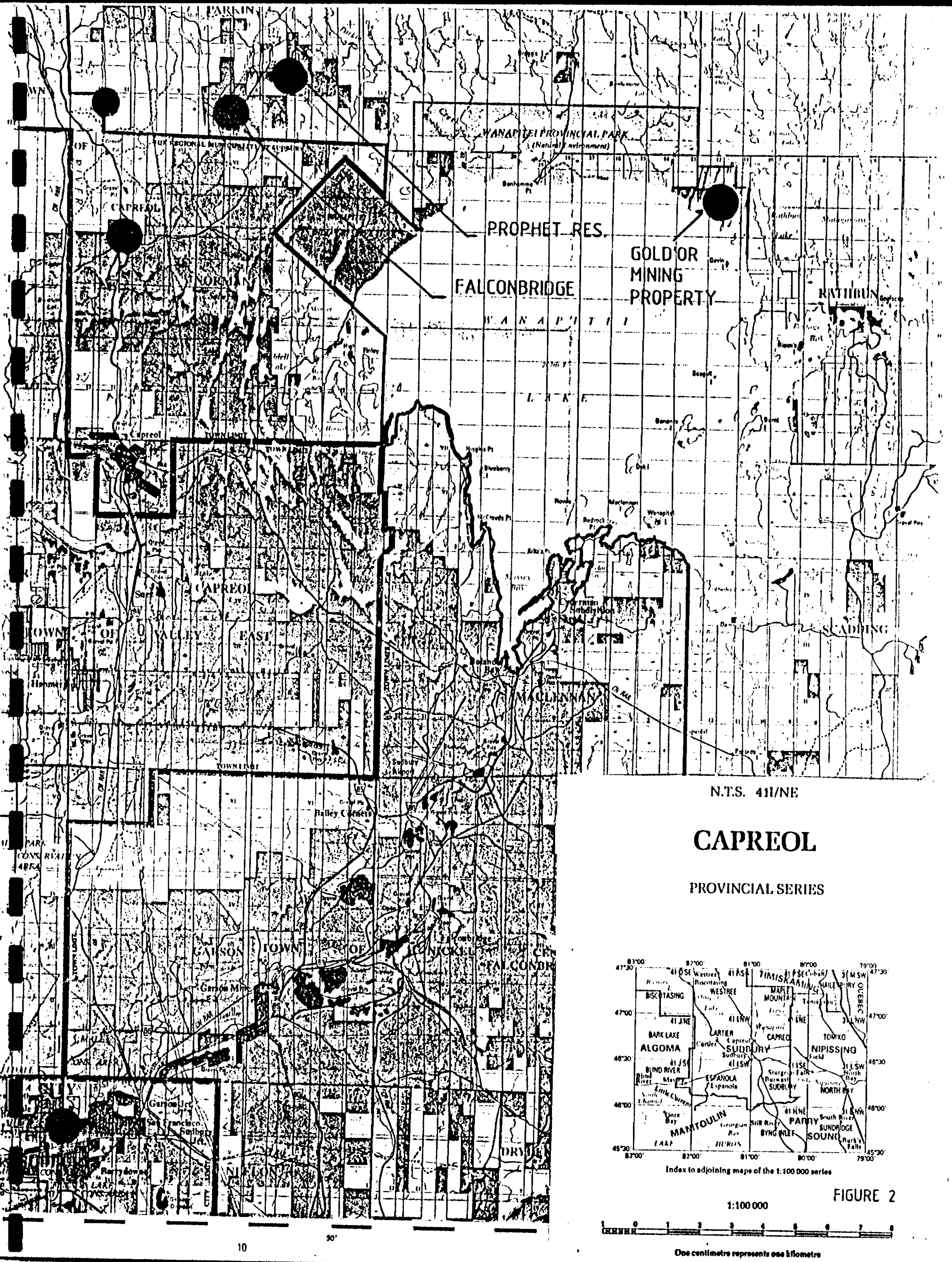
PROPERTY LOCATION MAP

WANAPITEI LAKE PROPERTY

To accompany the report for

GOLD'OR MINING CORP.

July 10:87


PROPHET RES.
FALCONBRIDGE
GOLD'OR
MINING
PROPERTY
WANAPITEI PROVINCIAL PARK
WANAPITEI
LAKE
CAPREOL
NORMAN
TOWN OF VALLEY EAST
MACLENNAN
SCADDING
RATHBUN
GARSON
FALCONBRIDGE
N.T.S. 41I/NE
CAPREOL
PROVINCIAL SERIES
Index to adjoining maps of the 1:100 000 series
1:100 000
One centimetre represents one kilometre
FIGURE 2

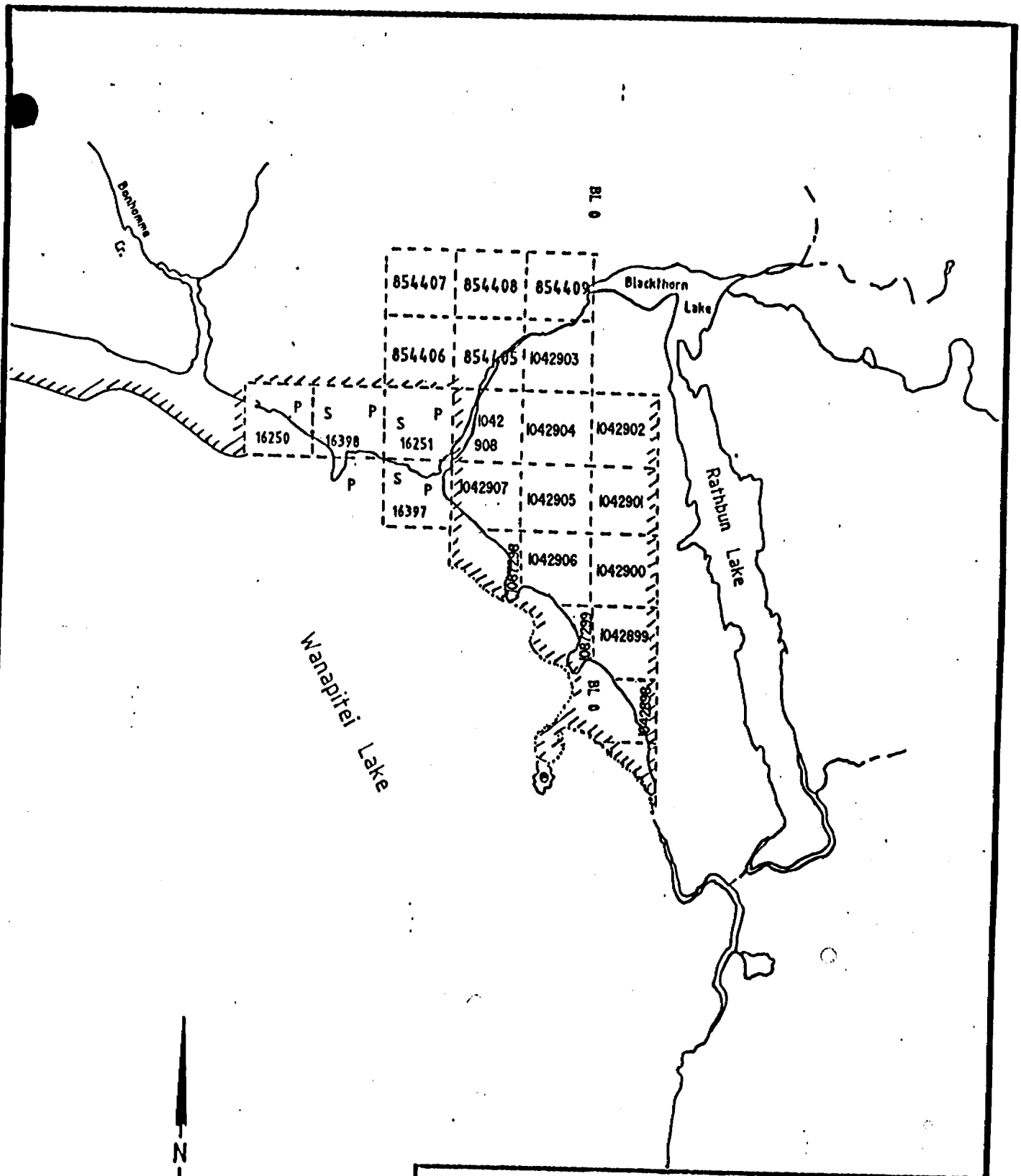
Property Geology

The claim group is underlain by a north-northeast striking and east dipping sequence of greywacke, arkose and conglomerate of the Gowganda Formation of Huroncan age intruded by metagabbro sills and dykes. The main areas of outcrop are in the eastern and northern parts of the property. The area in the central part of the property is covered by beach-type sands.

On the 4 unpatented claims, in the western part of the property, a zone or zones of gold mineralization in pyritic-quartz-carbonate veins has been intersected (assessment files, Sudbury). Five drill holes intersected this mineralization with values from 0.02 oz gold per ton over 5 feet to 0.21 oz gold per ton across 10 feet ((or 0.42 oz gold per ton across 4 feet) (Geological Report, Wanapitei Lake Property, Rathbun Twp., Ontario for Gold'Or Mining Corp, July 10, 1987, L.D.S. Winter)).

Claim Status

The property consists of 18 unpatented contiguous mining claims and 4 patented mining claims as shown in Plan M 1071, Rathbun Township, as issued by the Ministry of Northern Development and Mines, District of Sudbury. The claims are as follows:



EXSICS EXPLORATION LTD.
P.O. Box 1000, P4N-7X1
Suite 10, Hollinger Bldg. Timmins Ont.
Telephone: 705-267-6351

CLIENT: GOLDCOR MINING CORPORATION

PROPERTY: RATHBUN TOWNSHIP

TITLE:

CLAIM LOCATION MAP

Fig. 3

Date: SEPT/1987	Scale: 1"=1/2mile	NTS:
Drawn: L.R.	Interp:	Job No. EE-51

Unpatented Claims	Location	
S 854404	Con. 6, Lot 11, NW 1/4 S 1/2	
S 854405	Con. 6, Lot 12, NE 1/4 S 1/2	
S 854406	Con. 6, Lot 12, NW 1/4 S 1/2	
S 85440	Con. 6, Lot 12, SW 1/4 N 1/2	
S 854408	Con. 6, Lot 12, SE 1/4 N 1/2	
S 854409	Con. 6, Lot 11, SW 1/4 N 1/2	
S 1042898	Con. 5, Lot 11, SE 1/4 S 1/2	(Partial)
S 1042899	Con. 5, Lot 11, SE 1/4 N 1/2	(Partial)
S 1042900	Con. 5, Lot 11, SE 1/4 N 1/2	
S 1042901	Con. 5, Lot 11, SE 1/4 N 1/2	
S 1042902	Con. 6, Lot 11, SW 1/4 S 1/2	
S 1042904	Con. 6, Lot 11, SE 1/4 S 1/2	
S 1042905	Con. 5,.Lot 11, NW 1/4 N 1/2	
S 1042906	Con. 5, Lot 11, SW 1/4 N 1/2	(Partial)
S 1042907	Con. 5, Lot 12, NW 1/4 N 1/2	(Partial)
S 1042908	Con. 6, Lot 12, SE 1/4 S 1/2	
S 1087298	Con. 5, Lot 12, SE 1/4 N 1/2	(Partial)
S 1087299	Con. 5, Lot 11, SW 1/4 S 1/2	(Partial)

Patented Claims		
S 16250	Con. 6, Lot 13, SW 1/4 S 1/2	
S 16251	Con. 6, Lot 12, SW 1/4 S 1/2	
S 16397	Con. 5, Lot 12, NW 1/4 N 1/2	
S 16398	Con. 6, Lot 13, SE 1/4 S 1/2	

Induced Polarization Survey Method

The IP method involves applying voltage across two electrodes in a pulsed manner i.e. 2 second on, 2 second off. A second "dipole" or electrode pair, measures the residual potential or voltage between them after the voltage is shut off or during the 2 second off cycle. The potential is recorded at different times after the shut off. If, for example, there is sulphide mineralization within the measuring dipoles, they will be polarized or charges set up in the sulphide particles. This polarization gives the zone a capacitor effect, thereby blocking the current delay giving a higher chargeability reading.

A typical signature for many gold showings would be a chargeability high, resistivity high and magnetic low. This would be characteristic of a mineralized, highly altered carbonitized and/or silicified zone. However, this is by no means the only geological setting for gold, therefore every IP profile should be looked at individually and correlated with all other geophysical-geological data.

The electrode array used for the survey was the Dipole-dipole Array. In this array two current electrodes (C1, C2) and two receiver or potential electrodes are moved down a line in unison. In this case the "a" spacing or distance between each dipole was fixed at 25 meters. For an N=1 reading, the closest C1 and P1 were 25 m apart. The C1-C2 dipole remain in the same place while the potential

dipole (P1-P2) moves ahead one "a" spacing to read N=2. The C1-C2 dipole now moves ahead one "a" spacing and the array is ready for an N=1 reading. Because of various depths of overburden N=1-4 were read.

In certain areas of the property, deep troughs filled with old lake sediments are primarily conductive clays and silts, which create the problem of current channeling when using the Dipole-Dipole Array. For this reason, sections of the property were re-read using the Pole-Dipole array to obtain a better bedrock signature.

This array involves moving the potential electrodes in the same manner as Dipole-Dipole. However only one current electrode moves down the line with the potential electrodes. The second electrode is placed at "infinity", which is to say far enough away as not to influence the potential electrodes. This array averages more bedrock, thus giving a better response over areas of increased overburden.

The IP survey was carried out using the following parameters:

Method: Time Domain

Electrode Array: Dipole Dipole, Pole Dipole

"a" spacing: 25 meters

Number of Dipoles Read: N=1,2,3

Pulse Duration: 2 seconds on, 2 seconds off

Delay Time: 500 ms

Integration Time: 420 ms

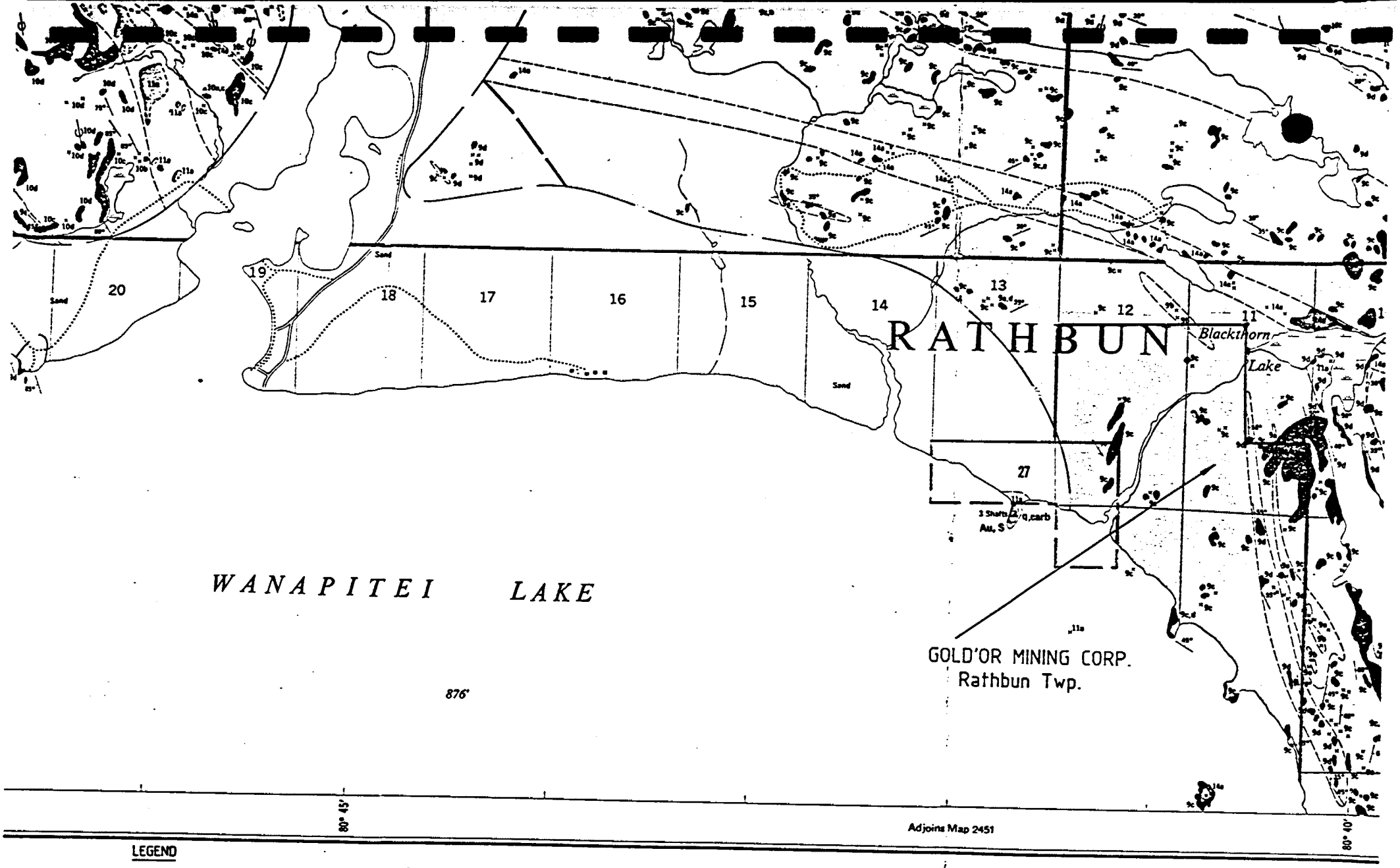
Receiver: EDA-IP-2

Transmitter: Scintrex IPC-7 2500 watt

Data Presentation: Fraser Filtered Chargeability
Plan Map No. 2 Scale 1"=2500'
Resistivity Map N=2 Mg No. 3
Scale 1:2500
Individual line Pseudo-section
(in report)

Geophysical Program

Exsics Exploration was contracted by Gold'Or Mining Corporation to conduct an induced polarization survey on the Rathbun Township property. The purpose of this survey was to further test areas of existing trenches and shafts as well as to test VLF and Magnetic responses outlined in an earlier geophysical program.



LEGEND

14 Late Precambrian - Olivine Diabase
Middle Precambrian
11 Nipissing Diabase
Huronian Supergroup
10 Cobalt Group - Lorrain Fm.
9 Cobalt Group - Gowganda Fm.

50° Strike and dip of bedding

Geological contact

0 0.5 1.0
MILES

Ontario Geological Survey

Map 2450

OTTER LAKE

SUDBURY DISTRICT

Scale 1:31,680 or 1 Inch to ½ Mile

FIGURE 4

Survey Results

The induced polarization survey performed on the property was successful in outlining a number of areas of interest. Each of these zones will be discussed individually and in further detail below.

The most predominant feature located, strikes roughly north-west from L10N/10W to L 14N/8W. This feature has a high chargeability, particularly on L 13N on L 14N, and appears to be the result of a very resistive unit occuring throughout its strike length.

A second zone outlined occurs along a north-south line, L 15+25W which crosses directly over the area of 3 shafts which are part of the original workings on this property. Although this zone appears to be only slightly more resistive than background, it does appear to be quite chargeable.

This feature shows its strongest response between 750N and 775N which would suggest that it is a narrow zone possibly two closely paralleled features running east-west, since it was not encountered on L9N.

A broad, moderately chargeable zone was detected which extends from L15N/10W to L18N/10W, and appears to continue off of the grid to the west. Although this zone has a generally moderate chargeability.

This entire feature seems to be coincidental with a resistive high with the exception of the chargeable area on L16N which is shown as a slight low within these highs, which may possibly be the result of more extensive mineralization in this area.

The last feature occurs on L8N and L9N at 375E. Once again this zone occurs over a lightly resistive area with a moderate chargeability.

Another single line anomaly was located at L19N/537. This feature is moderately chargeable and again, occurs over a very resistive zone.

This zone is coincidental with a weak VLF conductor which extends off the grid to the north.

Most of the VLF responses tested seem to correlate with the flanking edges between resistivity lows and highs. These are most likely marking the edges of troughs filled with old lake sediment which is indicated by the resistivity lows.

Recommendations and Conclusions

The induced polarization was successful in outlining a number of areas which would warrant further follow up work.

The first area of interest is that of the original working on L15+25W. This is an area of proven gold occurences from previous drilling. The IP shows a favourable response over this area, indicating possibly two zones running east west across the peninsula. Further geological mapping and a drill program would be suggested to further test this area.

Respectully submitted,

R. J. Meikle

CERTIFICATION

I, Raymond Meikle of Timmins, Ontario hereby certify that:

1. I hold a three year Technologist Diploma from the Haileybury School of Mines, Haileybury, Ontario obtained in 1975.

2. I have been practising my profession since 1973 in Ontario, Quebec, NWT, Manitoba, New Brunswick, Nova Scotia for Teck Exploration Ltd., Metallgesllschaft Canada Ltd., Rayan Exploration., Sabina Industries Ltd., and most recently Exsics Exploration Ltd.

3. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience, and on the results of the field work conducted on the property during September and October 1988 which was carried out under my overall supervision.

4. I hold no interest, directly or indirectly in this property other than professional fees, nor do I expect to receive any interest in the RATHBUN TOWNSHIP PROPERTY for GOLD D'OR MINING CORP. or any of it's subsidiary companies.

Dated this 31st day of Oct,1988
at Timmins, Ontario

R.J. Meikle

APPENDICES

APPENDIX A

IP-2
Two Dipole Time Domain IP Receiver

Major Benefits

- Two Dipoles Simultaneously Measured
- Solid State Memory
- Automatic Primary Voltage Ranging
- Automatically Calculates Apparent Resistivity
- Computer Compatible
- Software Packages Available

Specifications

Dipoles	Two simultaneous input dipoles.
Input Voltage (Vp) Range	40 microvolts to 4 volts, with automatic ranging and overvoltage protection.
Vp Resolution	10 microvolts.
Vp Accuracy	0.3% typical; maximum 1% over temperature range.
Chargeability Resolution	1 %.
Chargeability Accuracy	0.3% typical; maximum 1% over temperature range for Vp > 10 mV.
Automatic SP Compensation	± 1 V with linear drift correction up to 1 mV/s.
Input Impedance	1 Megohm.
Sample Rate	10 milliseconds.
Automatic Stacking	3 to 99 cycles.
Synchronization	Minimum primary voltage level of 40 microvolts.
Rejection Filters	50 and 60 Hz power line rejection greater than 100 dB.
Grounding Resistance Check	100 ohm to 128 kilo-ohm.
Compatible Transmitters	Any time domain waveform transmitter with a pulse duration of 1 or 2 seconds and a crystal timing stability of 100 ppm.
Programmable Parameters	Geometric parameters, time parameter, intensity of current, type of array and station number.
Display	Two line, 32-character alphanumeric liquid crystal display protected by an internal heater for low temperature conditions.
Memory Capacity	600 sets of readings.
RS-232C Serial I/O Interface	1200 baud, 8 data bits, 1 stop bit, no parity.
Console Power Supply	Six- 1.5V "D" cell disposable batteries with a maximum supply current of 70 mA and auto power save.
Operating Environmental Range	−25°C to +55°C; 0–100% relative humidity; weatherproof.
Storage Temperature Range	−40°C to +60°C.
Weight and Dimensions	5.5 kg, 310x230x210 mm.
Standard System Complement	Instrument console with carrying strap, batteries and operations manual.
Available Options	Stainless steel transmitting electrodes, copper sulphate receiving electrodes, alligator clips, bridge leads, wire spools, interface cables, rechargeable batteries, charger and software programs.

E D A Instruments Inc.
4 Thorncliffe Park Drive,
Toronto, Ontario
Canada M4H 1H1
Telex: 06 23222 EDA TOR
Cable: Instruments Toronto
(416) 425 7800

In U.S.A.
E D A Instruments Inc.
5151 Ward Road,
Wheat Ridge, Colorado
U.S.A. 80033
(303) 422 9112

Printed in Canada

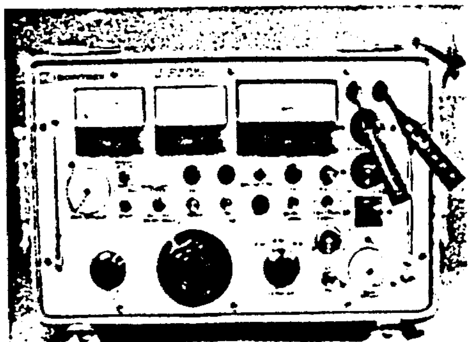
A P P E N I X B

IPC Time Domain Induced Polarization/Resistivity Transmitters

The Scintrex IPC Series of Time Domain Transmitters was designed for operation with the IPR-8, IPR-10A, IPR-11 and RDC-10 Receivers. Three models are available, rated at 250 W, 2.5 kW and 15 kW which are designated the IPC-8/250W, IPC-7/2.5 kW and IPC-7/15 kW respectively. While the IPC-8/250 W is powered from internal, rechargeable batteries, the other, more powerful models use motor generators as power sources.

Since the IPC-8/250 W Transmitter is light enough (15.5 kg) to be moved from observation to observation, it can provide a high speed of operation for dipole-dipole and Wenner arrays when a low power source would suffice. It is also ideal for drillhole logging. The maximum current output is 1.5A, maximum voltage is 850 V DC.

The IPC-7/2.5 kW model is an all purpose, medium power system. It is the standard power transmitter used on most surveys under a wide variety of geophysical, topographical and climatic conditions. The maximum current output is 10 A, maximum voltage is 1210 V DC.



IPC-7/2.5 kW

The IPC-7/15 kW unit is ideal for use where high power is required to survey to great depths using large electrode spacings, even in areas of low resistivity or high contact resistance. Normally the motor generator is installed on a single axle trailer to be towed to each transmitting station. This transmitter can output as much as 20 A or 5000 V DC.

All of these solid state transmitters feature ov[illegible]d and underload protection circuits as well as s[illegible]ctable pulse times, build-in external circuit resistance verification and other features.

IPC Transmisores para Polarización Inducida/Resistividad en el Dominio del Tiempo

La serie IPC [illegible] Scintrex en el dominio del tiempo [illegible] para operar con los receptores IPR-8, IPR-10A, IPR-11 y RDC-10. Los tres actuales modelos de transmisores se designan como IPC-8/250 W, IPC-7/2.5 kW e IPC-7/15 kW, con potencias de 250 W, 2.5 kW y 15 kW, respectivamente. Solo el IPC-8/250 W utiliza baterias internas recargables como fuente de energia, en tanto que los modelos mas potentes utilizan motores generadores.

El IPC-8/250 W es un transmisor liviano (15.5 kg) y puede moverse [illegible] observación, consiguiendo así [illegible] de operación con disposiciones dipolo-dipolo y Wenner allí donde se requiere baja energía. También es ideal para hacer registros en pozos. Tiene una salida de corriente máxima de 1.5 A y el voltaje máximo es 850 V CC.

IPC-8/250 W

El IPC-7/2.5 kW es un modelo mediano para todo propósito. Es un sistema transmisor standard útil en una mayoría de trabajos geofísicos bajo diversas condiciones climáticas y de topografía. Su salida de corriente máxima es 10 A y el voltaje máximo es 1210 V CC.

El IPC-7/15 kW es una unidad que satisface altos requisitos de potencia en trabajos que deben alcanzar mucha penetración usando grandes espaciados de electrodos, aún en áreas de baja resistividad y de alta resistencia en los contactos. Normalmente el motor generador es instalado en un acoplado de dos ruedas para fácil traslado a la estación de transmisión. Este transmisor puede brindar hasta 20 A o 5000 V CC.

Todos estos transmisores de estado sólido poseen circuitos de protección de sobrecargas y subcargas, así como selección de tiempo de pulso, circuito incorporado para verificación de resistencia externa y otras características.

Typical IPC-7/15 kW field set-up with motor generator set, control unit and dummy load

Típico arreglo en el campo de un transmisor IPC-7/15kW junto al motor generador, unidad de control y carga falsa

Arrangement de campagne typique de l'emetteur IPC-7/15 kW avec groupe électrogène, unité de contrôle et charge fictive

IPC: Emetteurs de polarisation [illegible] et résistivité en domaine de tem[illegible]

Les émetteurs en domaine de temps [illegible] Scintrex IPC sont conçus pour une uti[illegible] les récepteurs IPR-8, IPR-10A, IPR-11 [illegible] Trois modèles sont disponibles, de pu[illegible] sortie nominale de 250 W, 2.5 kW et [illegible] sont nommés IPC-8/250 W, IPC-7/2.5 [illegible] IPC-7/15 kW respectivement. Le mod[illegible] W fonctionne avec des batteries inter[illegible] rechargeables alors que les deux aut[illegible] plus puissants utilisent des groupes é[illegible] comme alimentations.

Vu que l'émetteur IPC-8/250 W est as[illegible] (15,5 kg) pour être déplacé d'observa[illegible] vation, il peut fournir une grande vite[illegible] tion pour les réseaux dipôle-dipôle et [illegible] qu'une alimentation faible suffit. Il es[illegible] pour le carottage de trous de sondag[illegible] maximum de courant maximum est c[illegible] tension maximum est de 850 V CC.

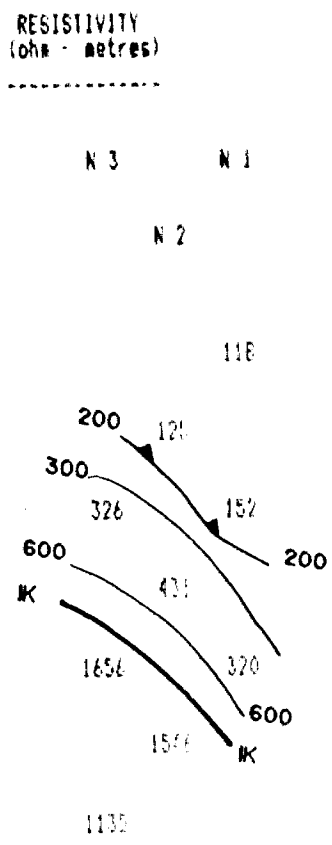
Le modèle IPC-7/2.5 kW est un systè[illegible] les usages, de puissance moyenne. [illegible] teur qui est normalement utilisé pour [illegible] levés dans de grandes variétés de c[illegible] géophysiques, topographiques et clir[illegible] sortie maximum de courant est de 1[illegible] sion maximum est de 1210 V CC.

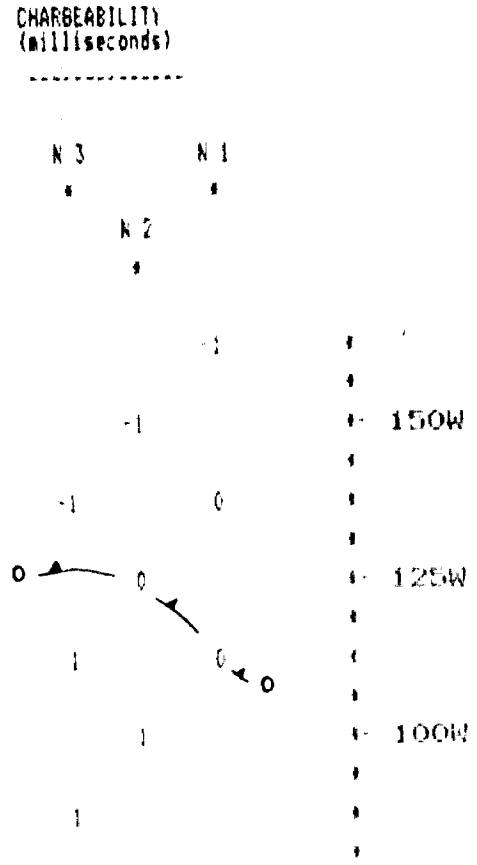
Le modèle IPC-7/15 kW est idéal pou[illegible] tion où une puissance élevée est rec[illegible] vestigation à de grandes profondeur[illegible] de grands espacements entre les él[illegible] même dans les zones à résistivité fa[illegible] résistance de contact élevée. Norm[illegible] groupe électrogène est installé sur [illegible] pour le transport à chaque station d[illegible] emetteur peut fournir autant que 20 [illegible] CC.

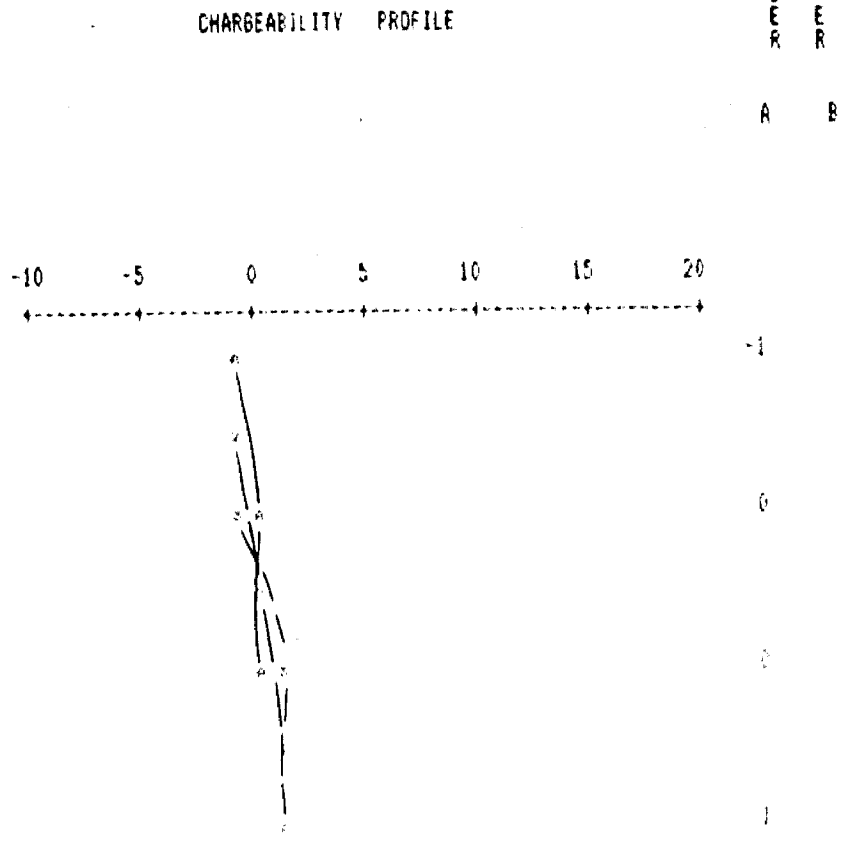
Tous ces émetteurs à semi-conduct[illegible] caractérisés par des circuits de pro[illegible] charge et de charge trop faible ains[illegible] temps d'impulsion sélectionnables, [illegible] corporé de mesures de résistance [illegible] ternes et d'autres caractéristiques.

APPENDIX C

SCALE = 1 : 1250







8

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

EXBIOS EXPLORATION LTD.

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 700 N

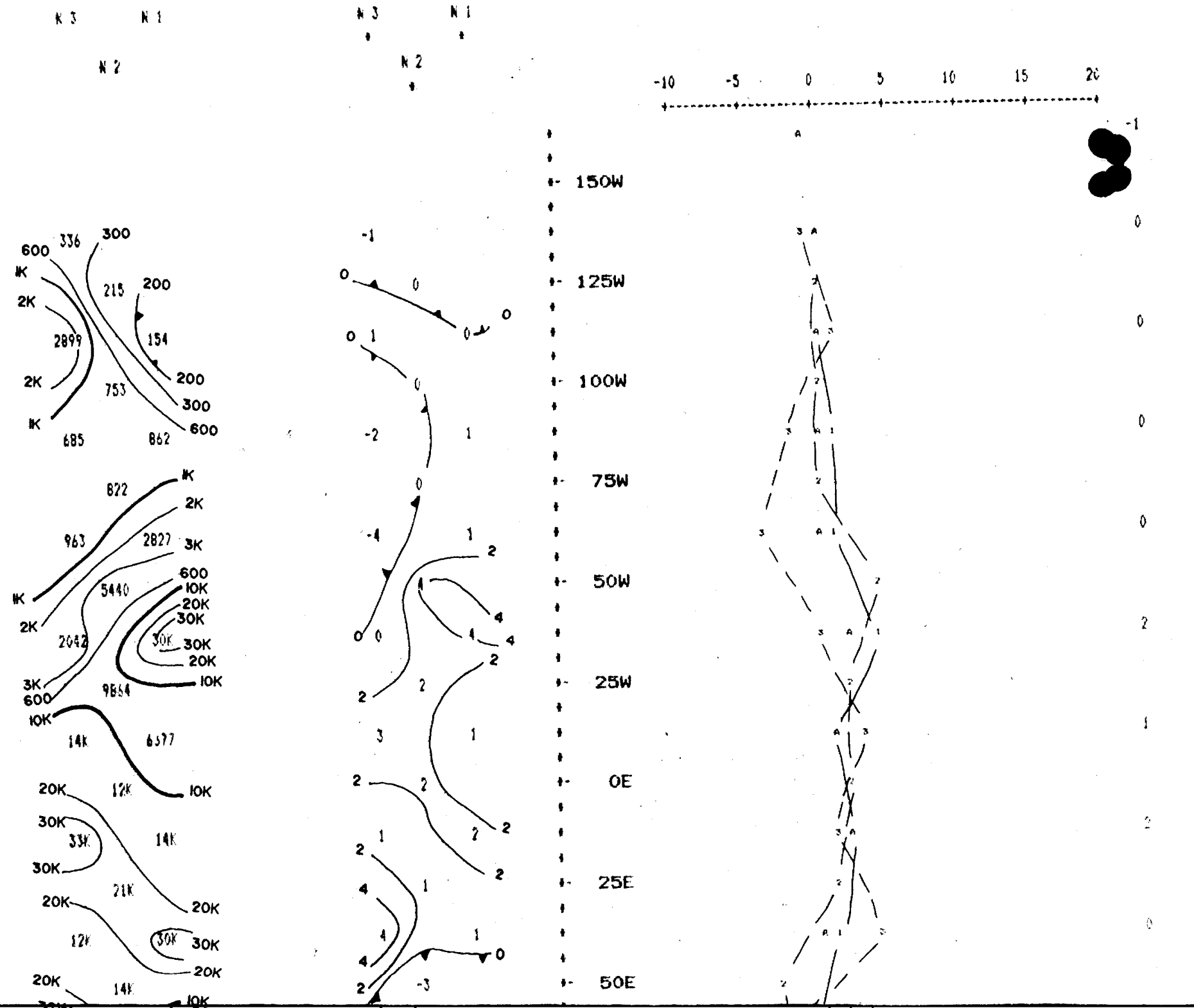
SCALE = 1:1250

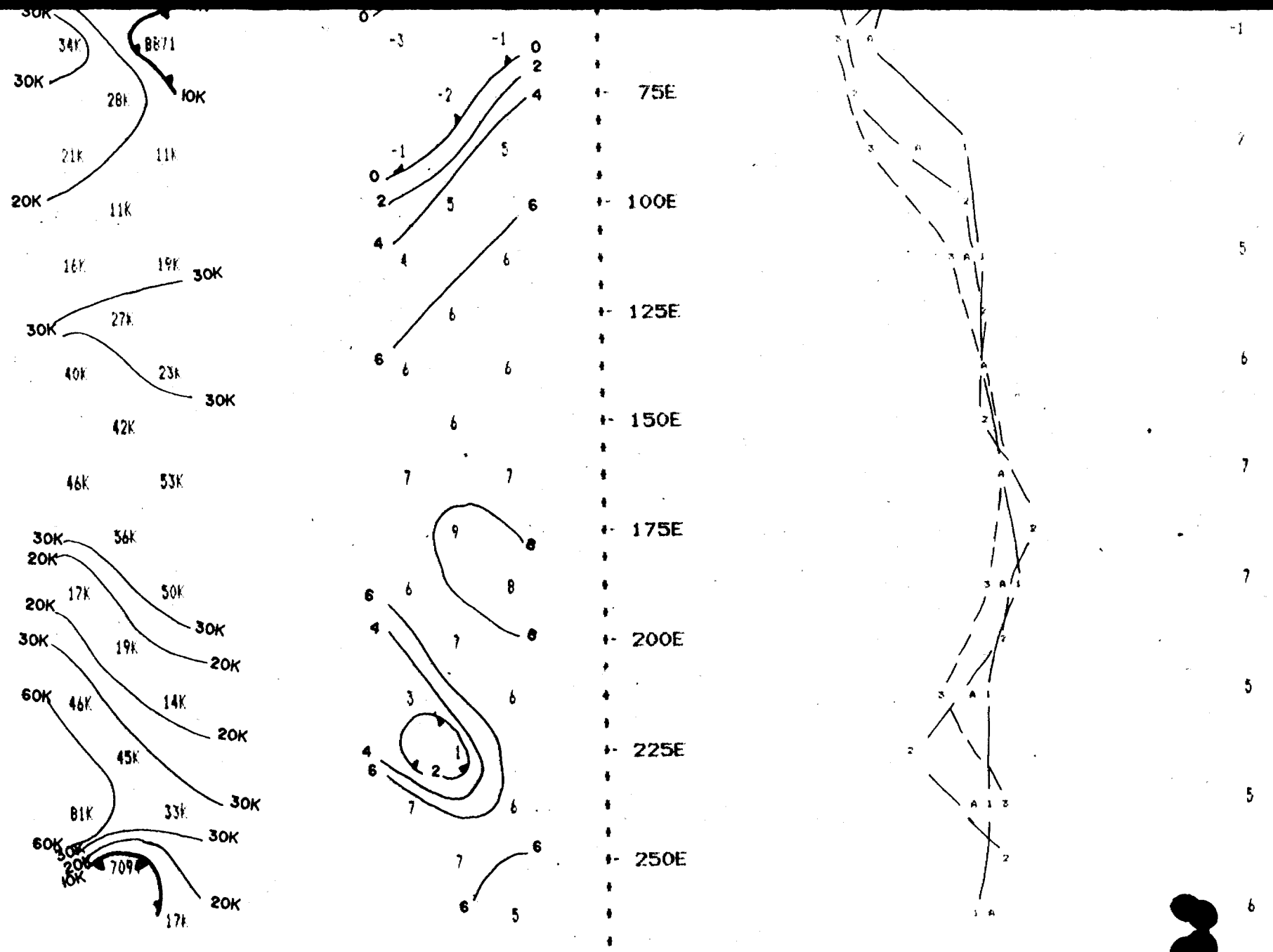
RESISTIVITY
(ohm - metres)

CHARGEABILITY
(milliseconds)

CHARGEABILITY PROFILE

FRASER FILTER





Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

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EXBICB EXPLORATION LTD.

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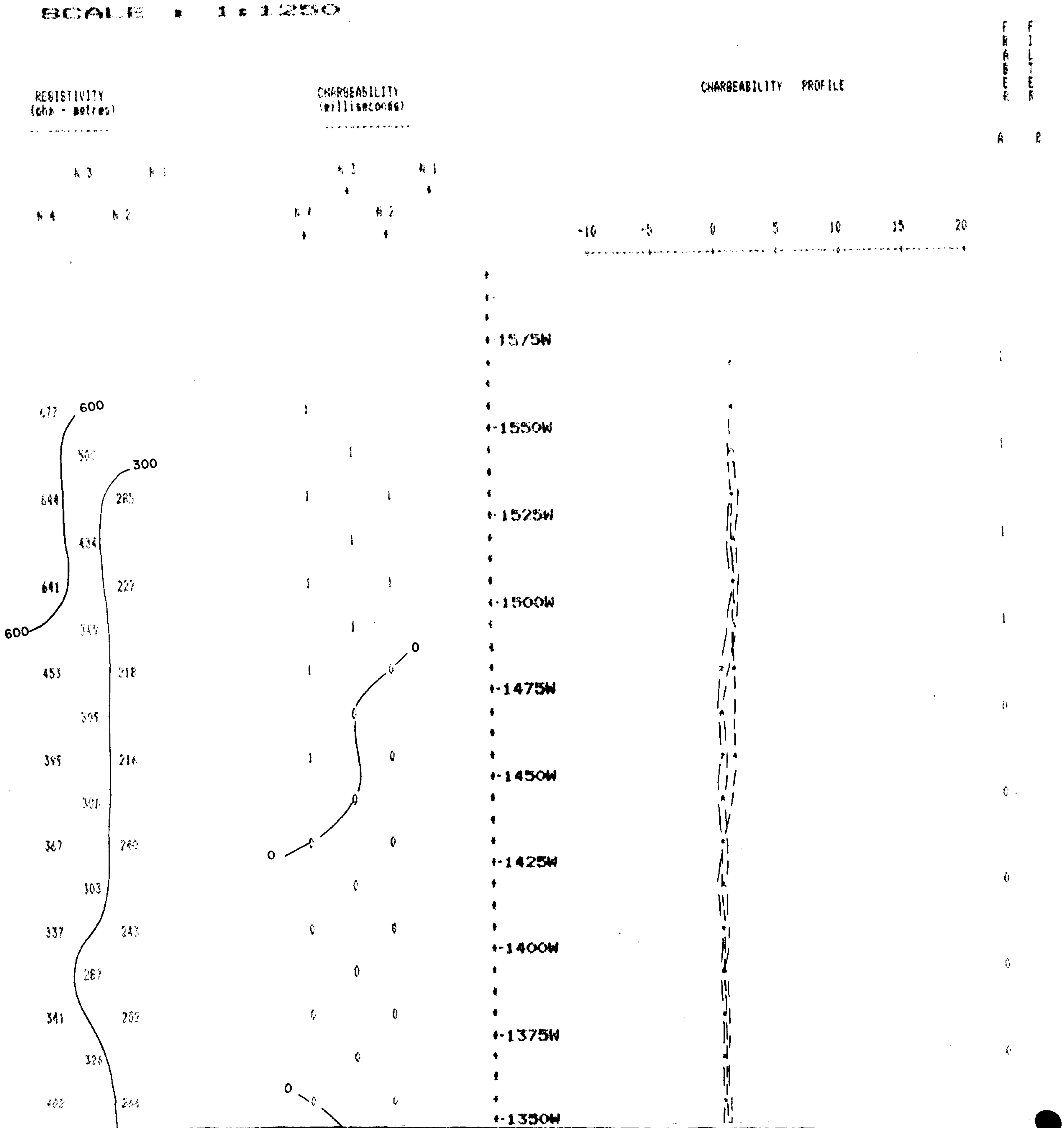
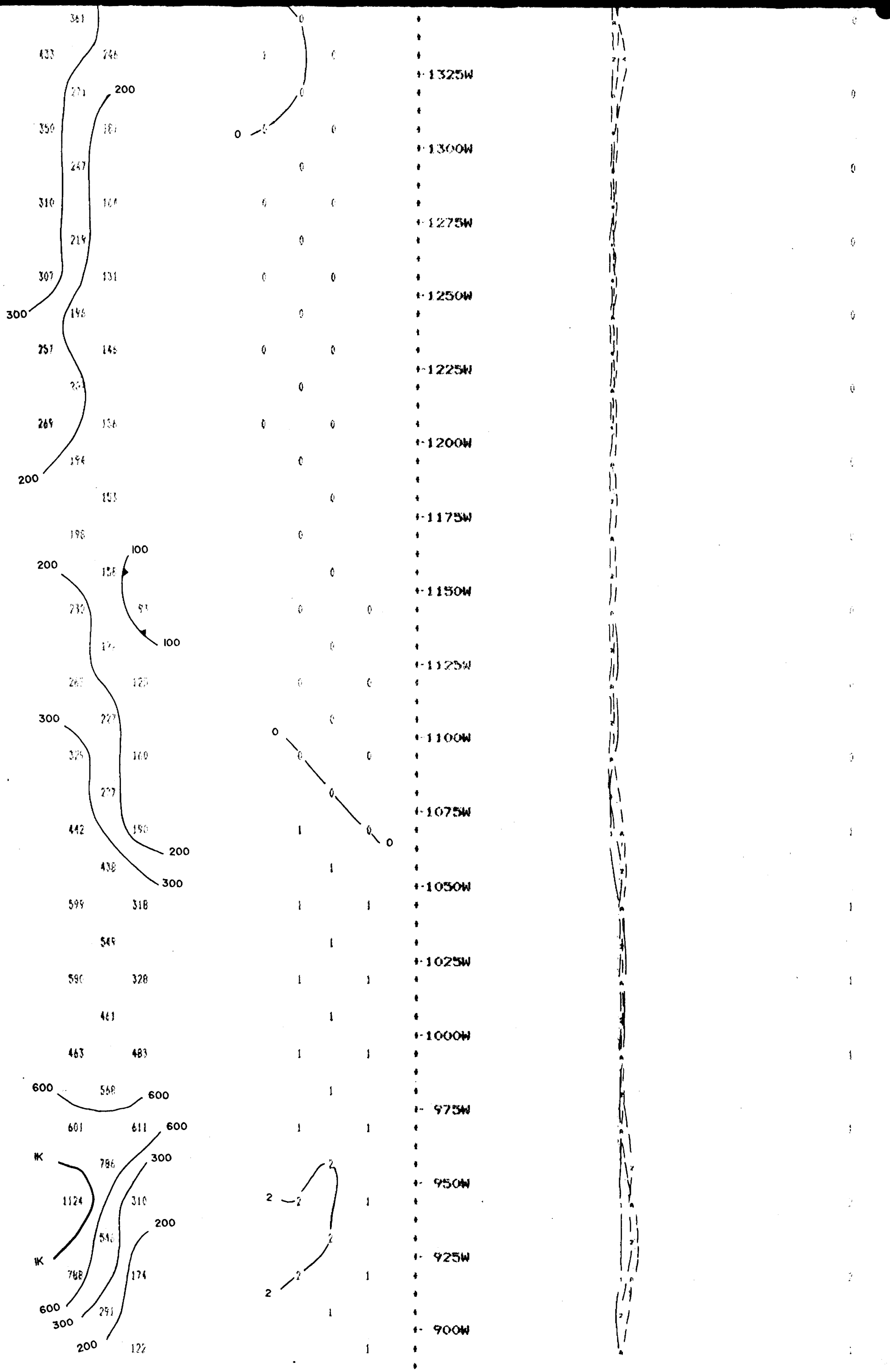
IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M
LINE 800 N

SCALE : 1:1250


RESISTIVITY
(ohm - metres)
CHARGEABILITY
(milliseconds)
CHARGEABILITY PROFILE
FRASER
FILTER
A
B
N 3
N 1
N 4
N 2
-10
-5
0
5
10
15
20
1575W
1550W
1525W
1500W
1475W
1450W
1425W
1400W
1375W
1350W
600
300
0


1325W
1300W
1275W
1250W
1225W
1200W
1175W
1150W
1125W
1100W
1075W
1050W
1025W
1000W
975W
950W
925W
900W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 5/9/88
Operator : PR
Electrode Array : POLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 4

'a' Spacing = 25 M

LINE 900 N

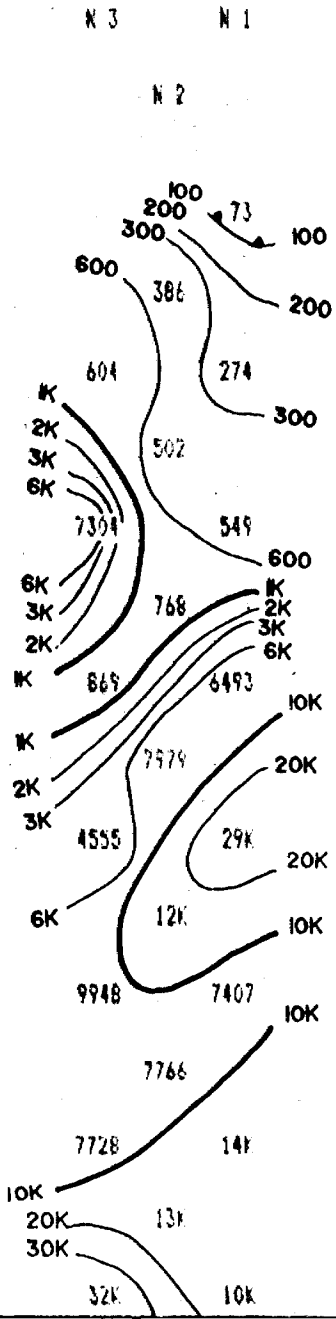
SCALE = 1 : 1250

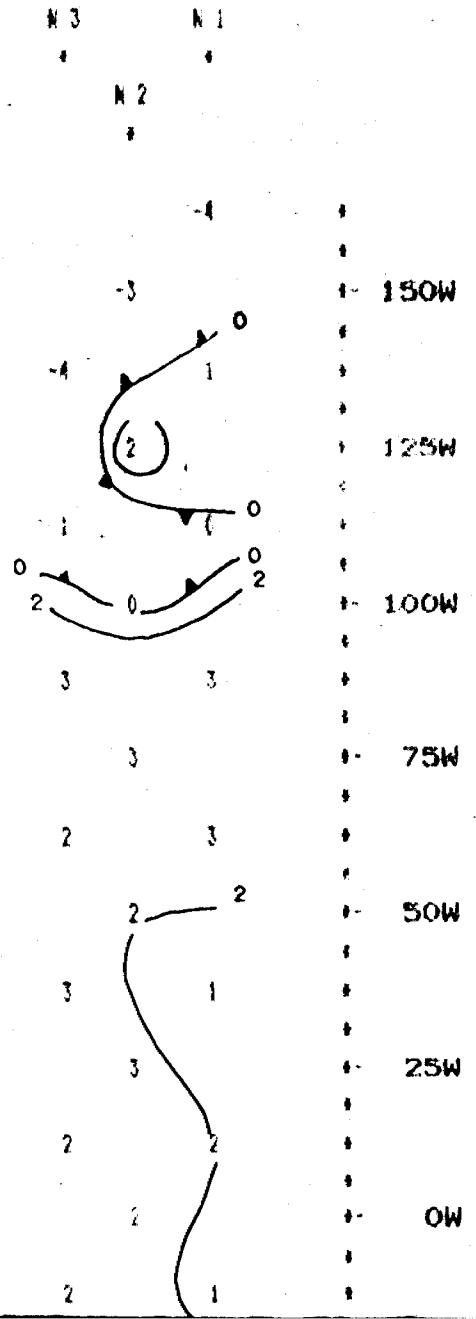
RESISTIVITY
(ohm - metres)

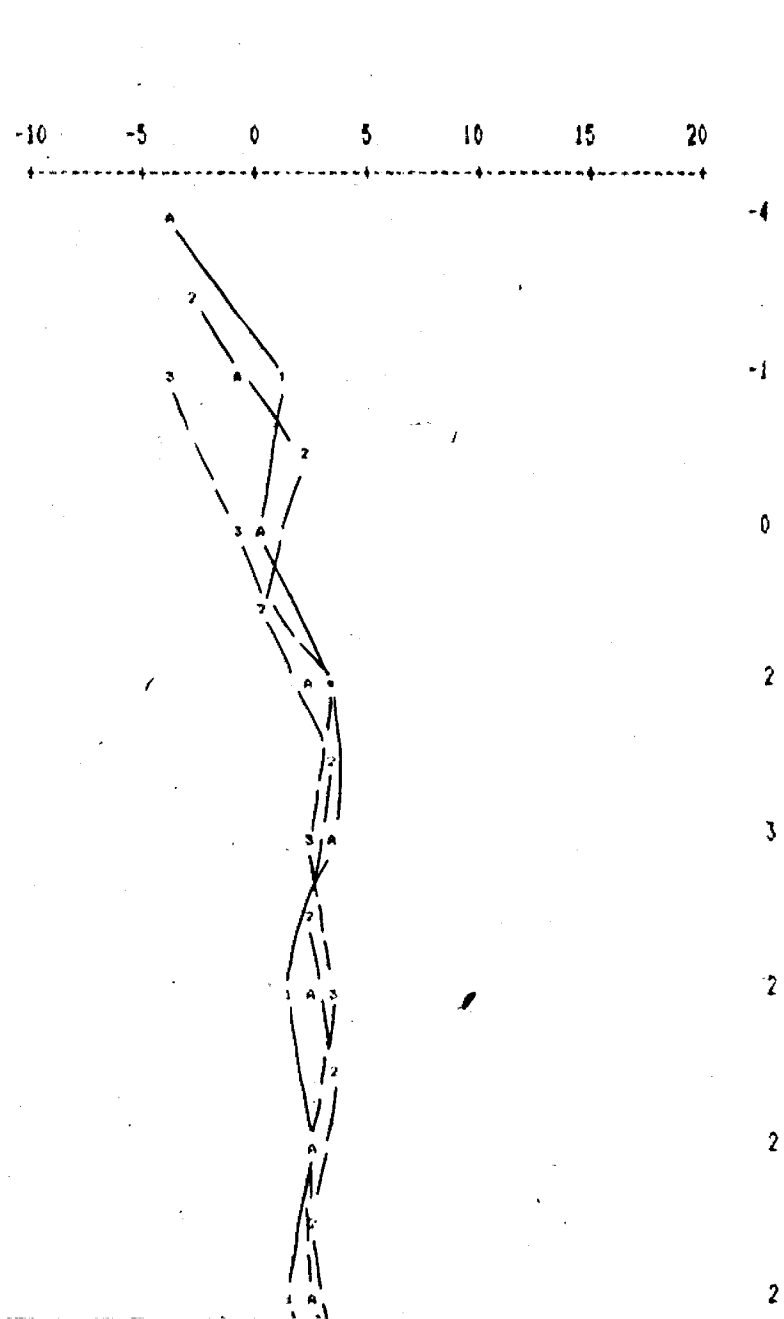
CHARGEABILITY
(milliseconds)

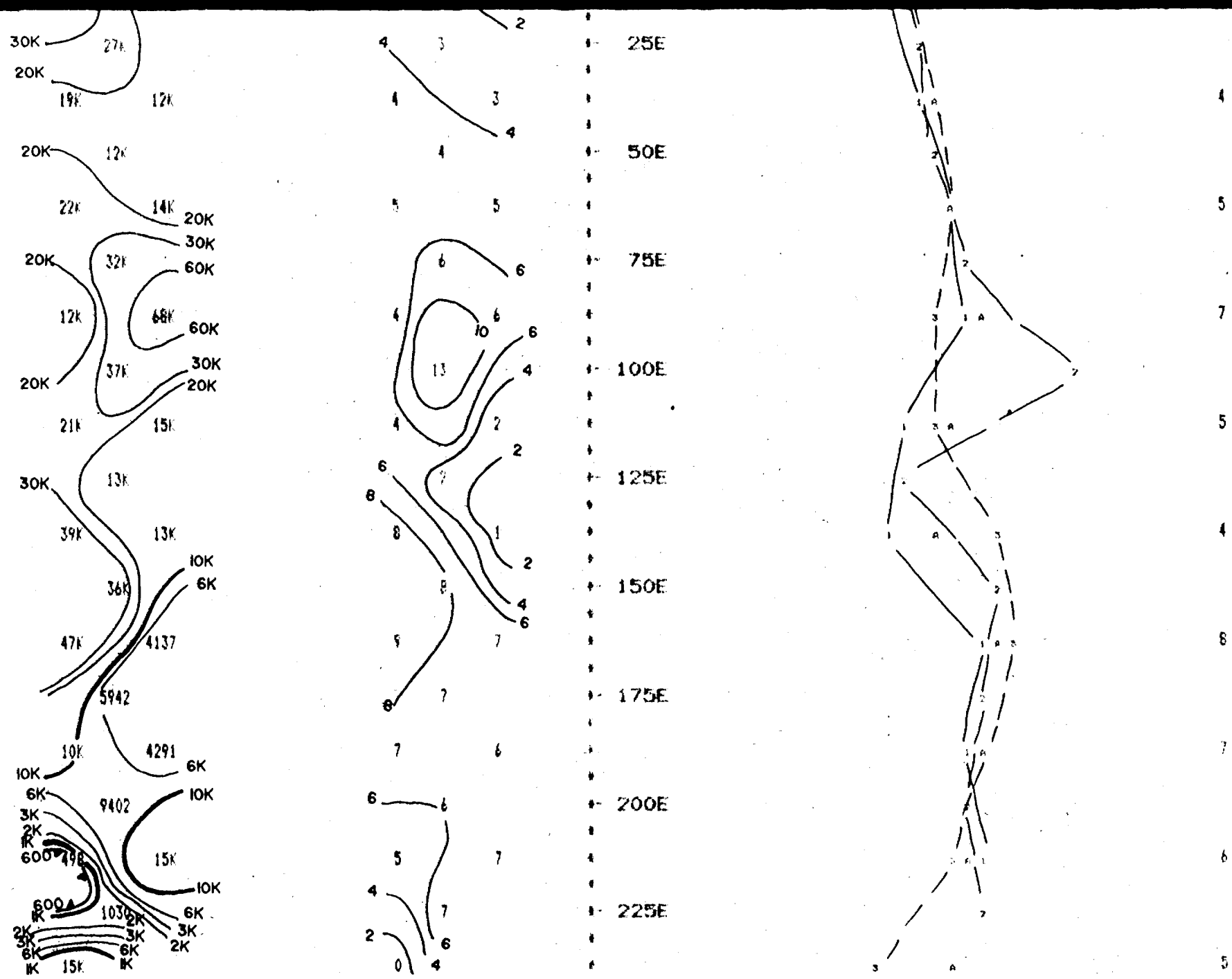
CHARGEABILITY PROFILE

ERASER FILTER









Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXBICB EXPLORATION LTD.

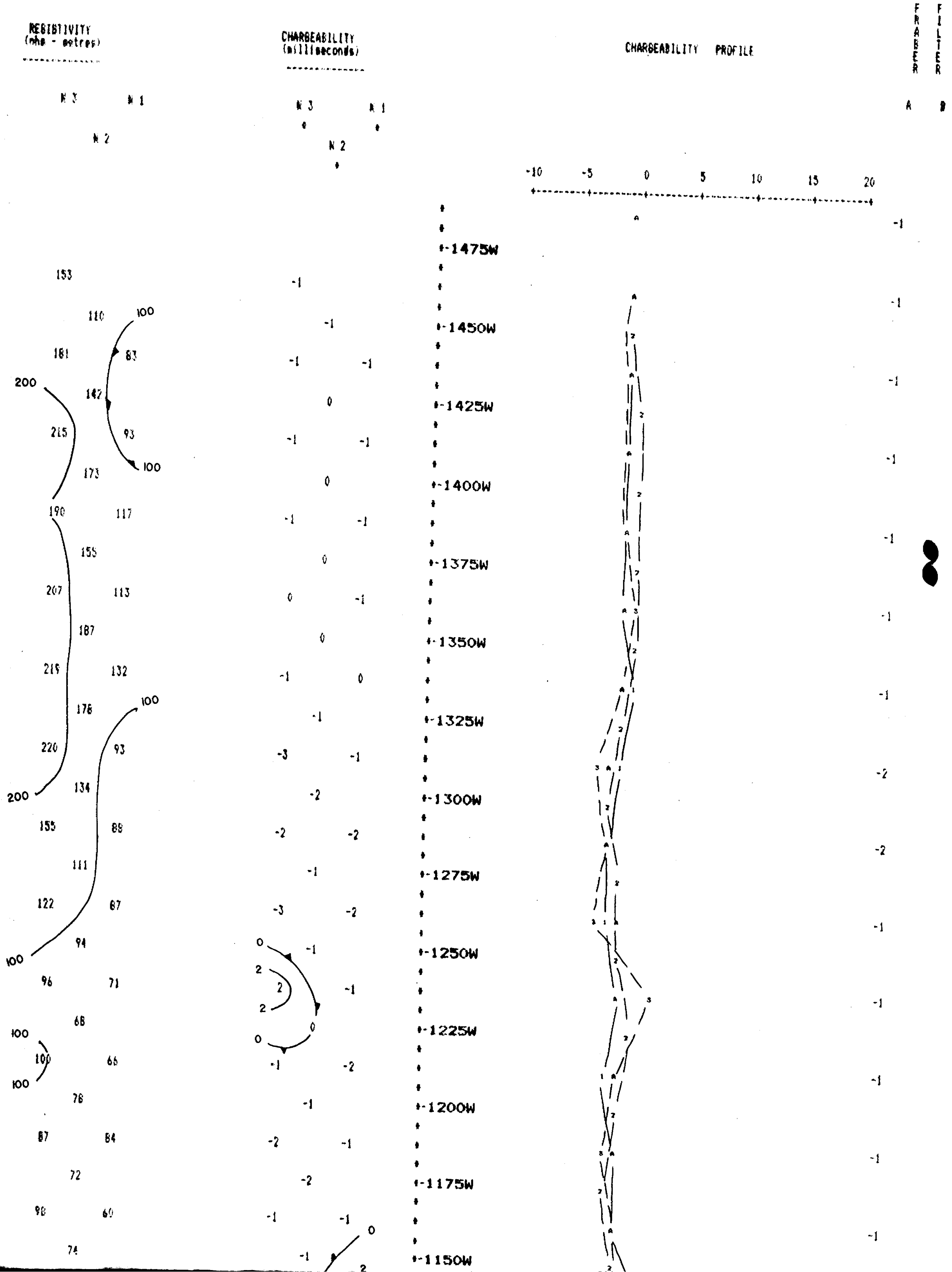
****

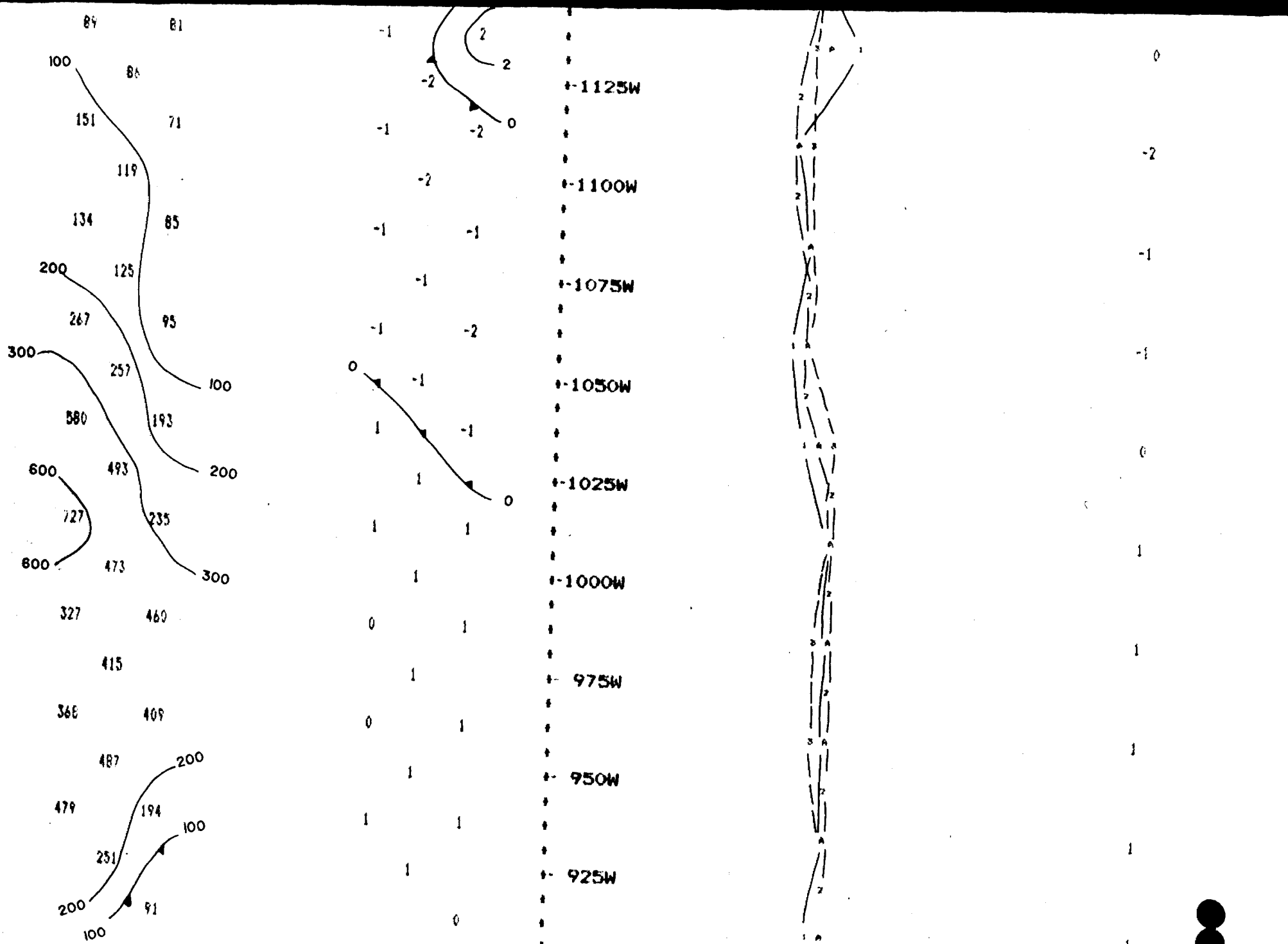
IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 900 N

SCALE : 1:1250


RESISTIVITY
(ohm - metres)
N 3
N 1
N 2
CHARGEABILITY
(milliseconds)
N 3
N 1
N 2
CHARGEABILITY PROFILE
-10
-5
0
5
10
15
20
FRASER FILTER
A
B
-1475W
-1450W
-1425W
-1400W
-1375W
-1350W
-1325W
-1300W
-1275W
-1250W
-1225W
-1200W
-1175W
-1150W



Property : RATHBUN
Client : GOLD'OR

Date of Survey : 5/9/88
Operator : FR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N= 1 to 3

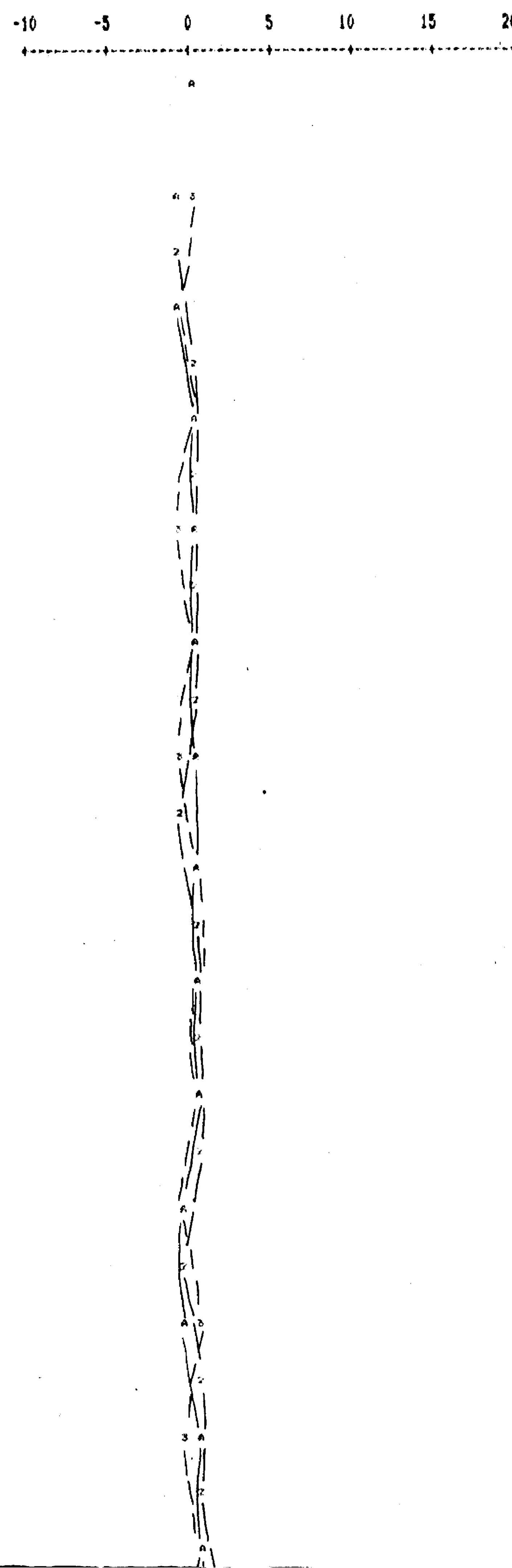
" a " Spacing = 25 M

LINE 900 N

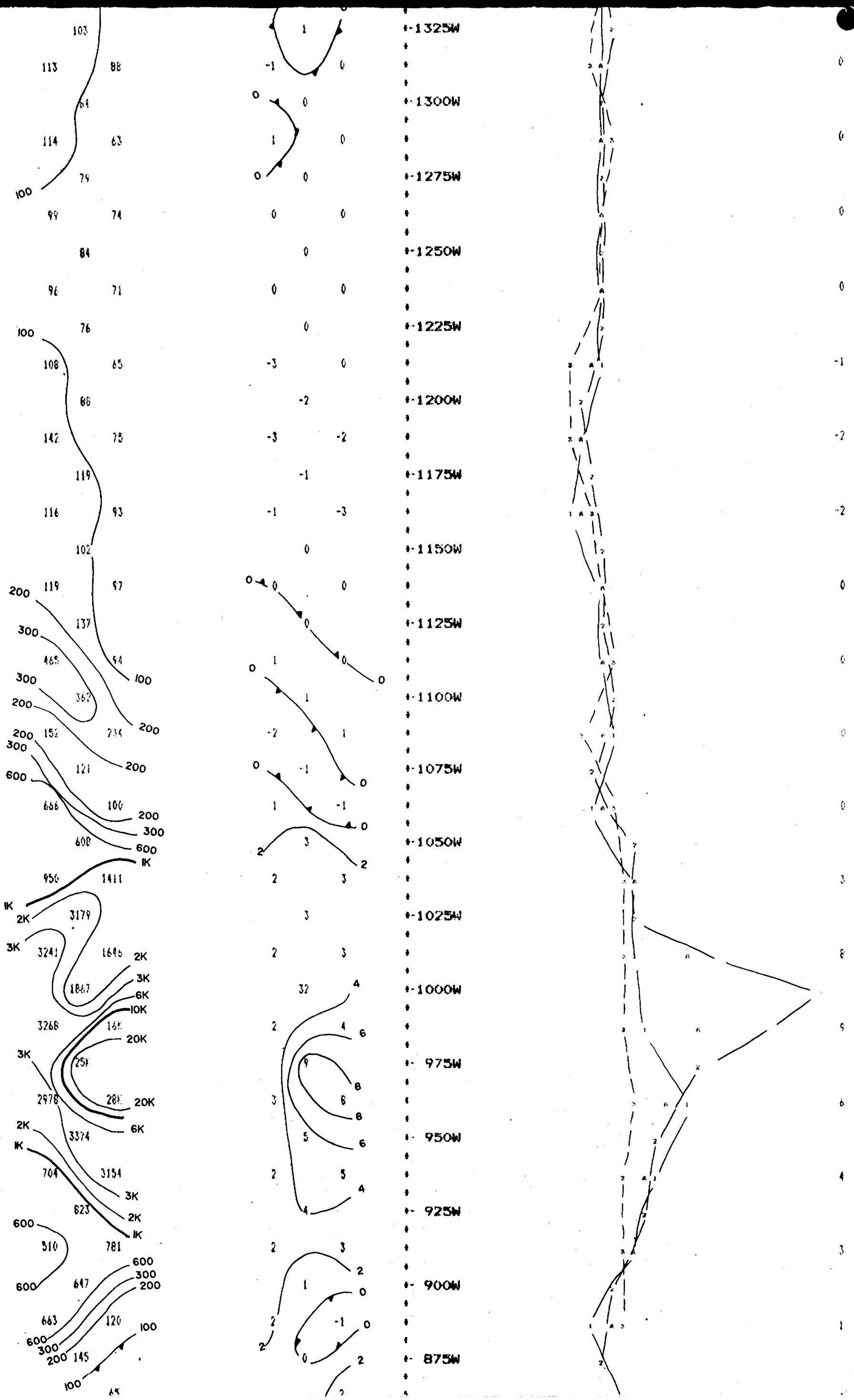
SCALE : 1:1250

Station	Resistivity (ohm - metres) N 3	Resistivity N 2	Resistivity N 1	Chargeability (milliseconds) N 3	Chargeability N 2	Chargeability N 1	Fraser Filter A
							0
1650W							
	130			0			-1
1625W		96			-1		
	129		80	-1		-1	-1
1600W		114			0		
	171		88	0		0	0
1575W		162			0		
	224		102	-1		0	0
1550W		186			0		
	268		117	0		0	0
1525W		219			0		
	243		141	-1		0	0
1500W		210			-1		
	234		181	0		0	0
1475W		232			0		
	300		149	0		0	0
1450W		233			0		
	278		127	0		0	0
1425W		180			0		
	209		94	-1		-1	-1
1400W		133			-1		
	180		86	0		-1	-1
1375W		128			0		
	149		82	-1		0	0
1350W		100			0		
	143		72	0		0	

CHARGEABILITY PROFILE



FRASER FILTER
A B


-1325W
-1300W
-1275W
-1250W
-1225W
-1200W
-1175W
-1150W
-1125W
-1100W
-1075W
-1050W
-1025W
-1000W
-975W
-950W
-925W
-900W
-875W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 5/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

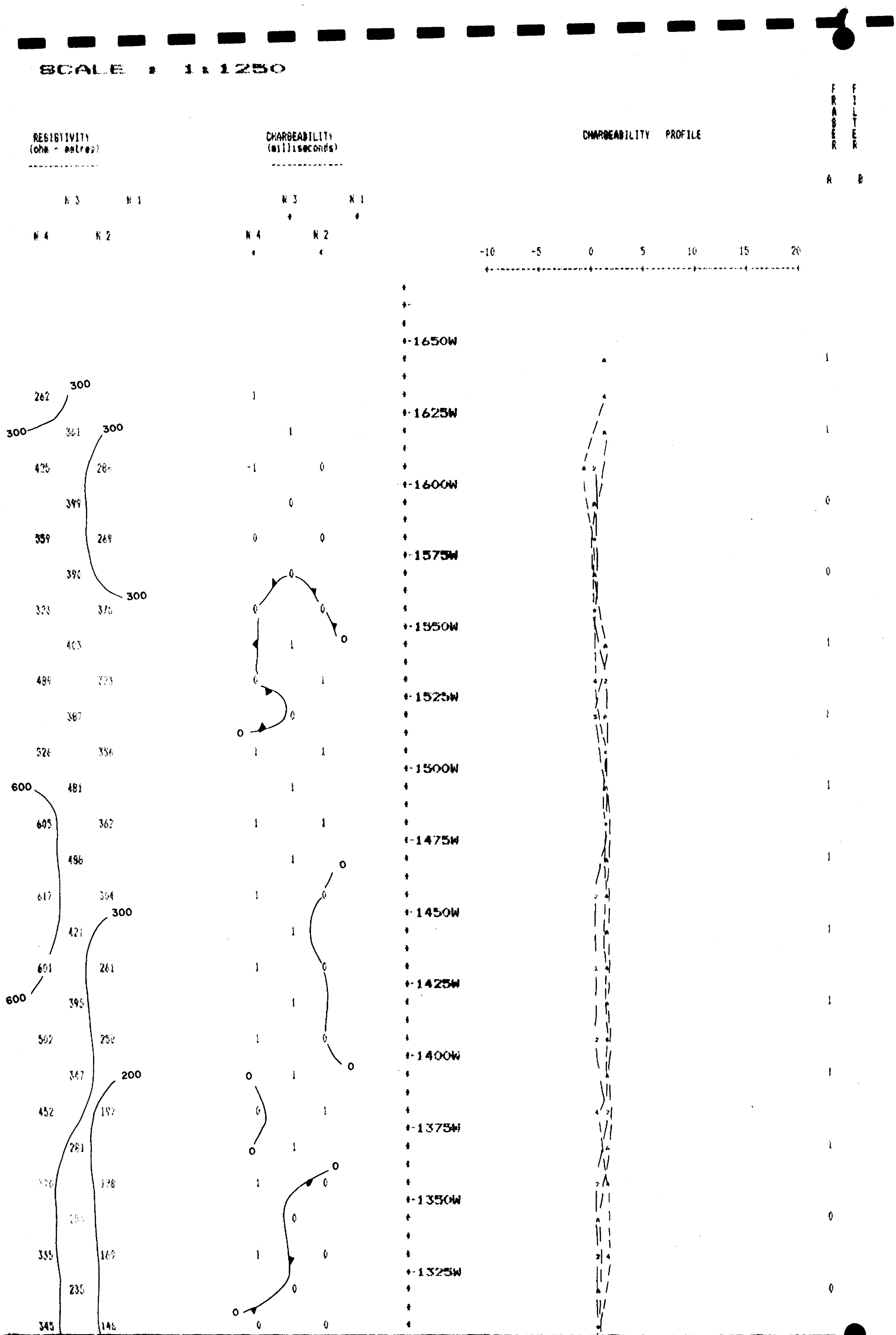
EXBIC8 EXPLORATION LTD.

****

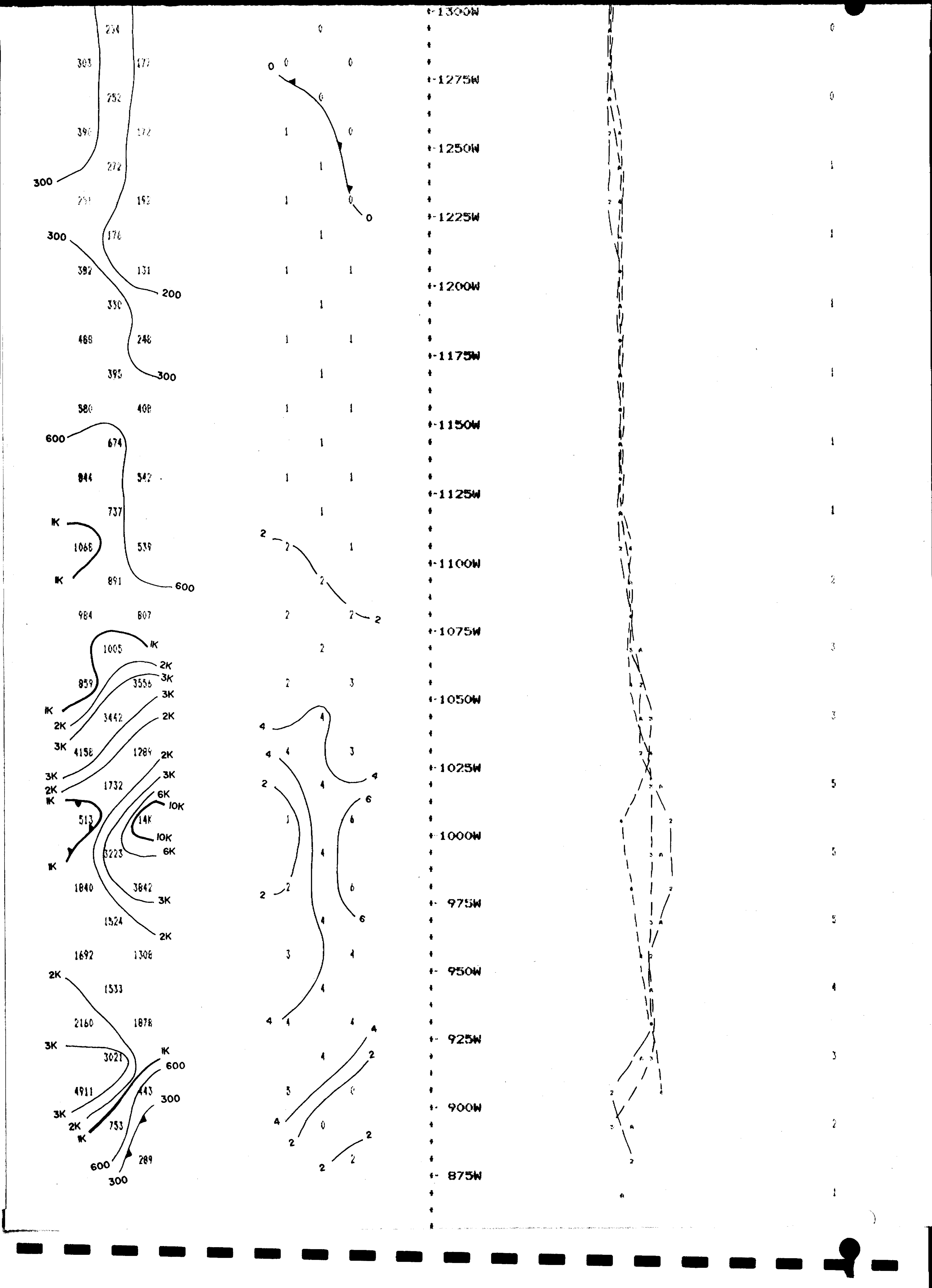
IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1000 N



SCALE : 1:1250
RESISTIVITY (ohm - metres)
CHARGEABILITY (milliseconds)
CHARGEABILITY PROFILE
FRASER FILTER
A B
N 3 N 1
N 4 N 2
-10 -5 0 5 10 15 20
1650W
1625W
1600W
1575W
1550W
1525W
1500W
1475W
1450W
1425W
1400W
1375W
1350W
1325W



1300W
1275W
1250W
1225W
1200W
1175W
1150W
1125W
1100W
1075W
1050W
1025W
1000W
975W
950W
925W
900W
875W

+ 850W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 5/9/88
Operator : PR
Electrode Array : POLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

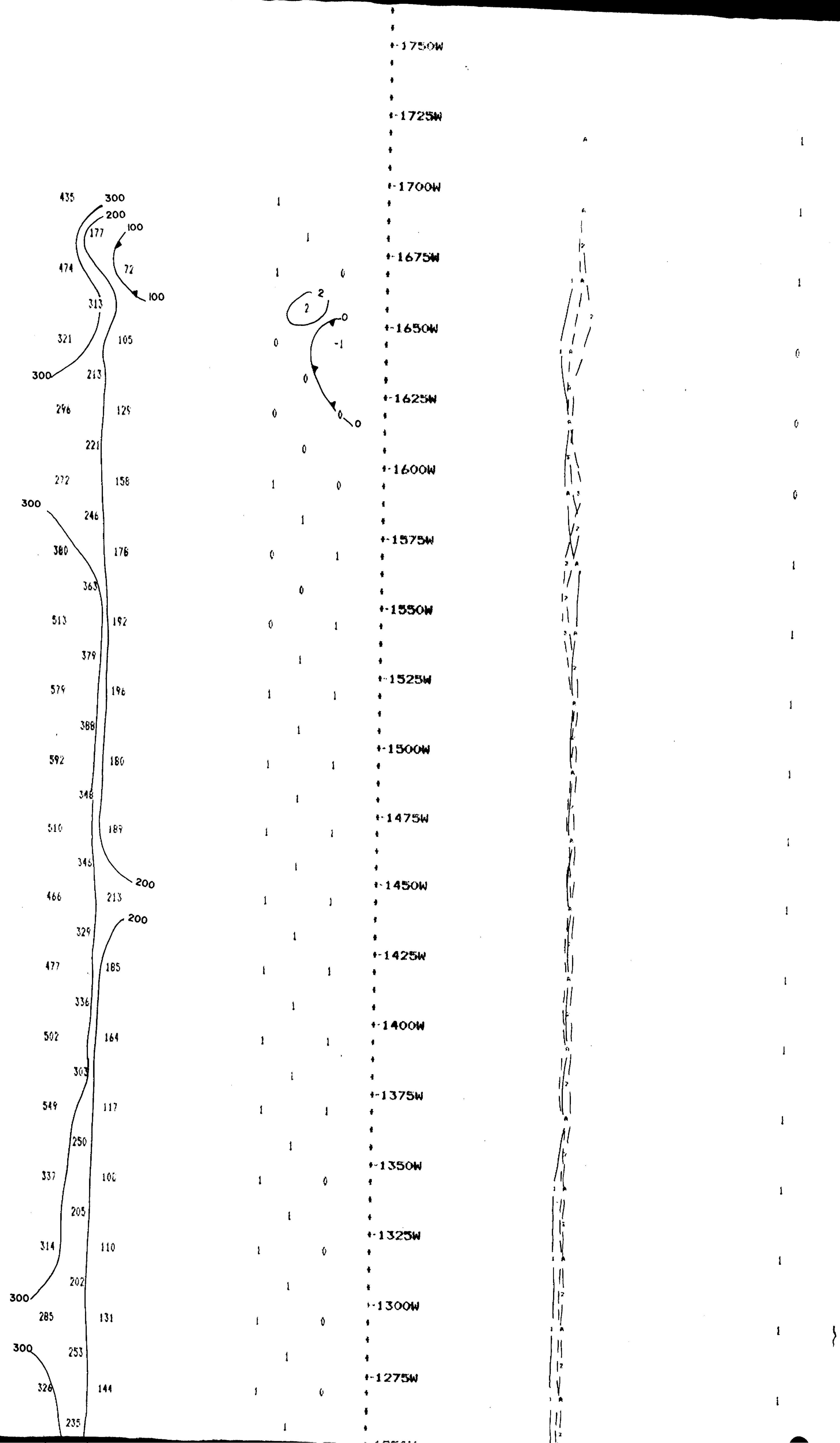
EXSICS EXPLORATION LTD.

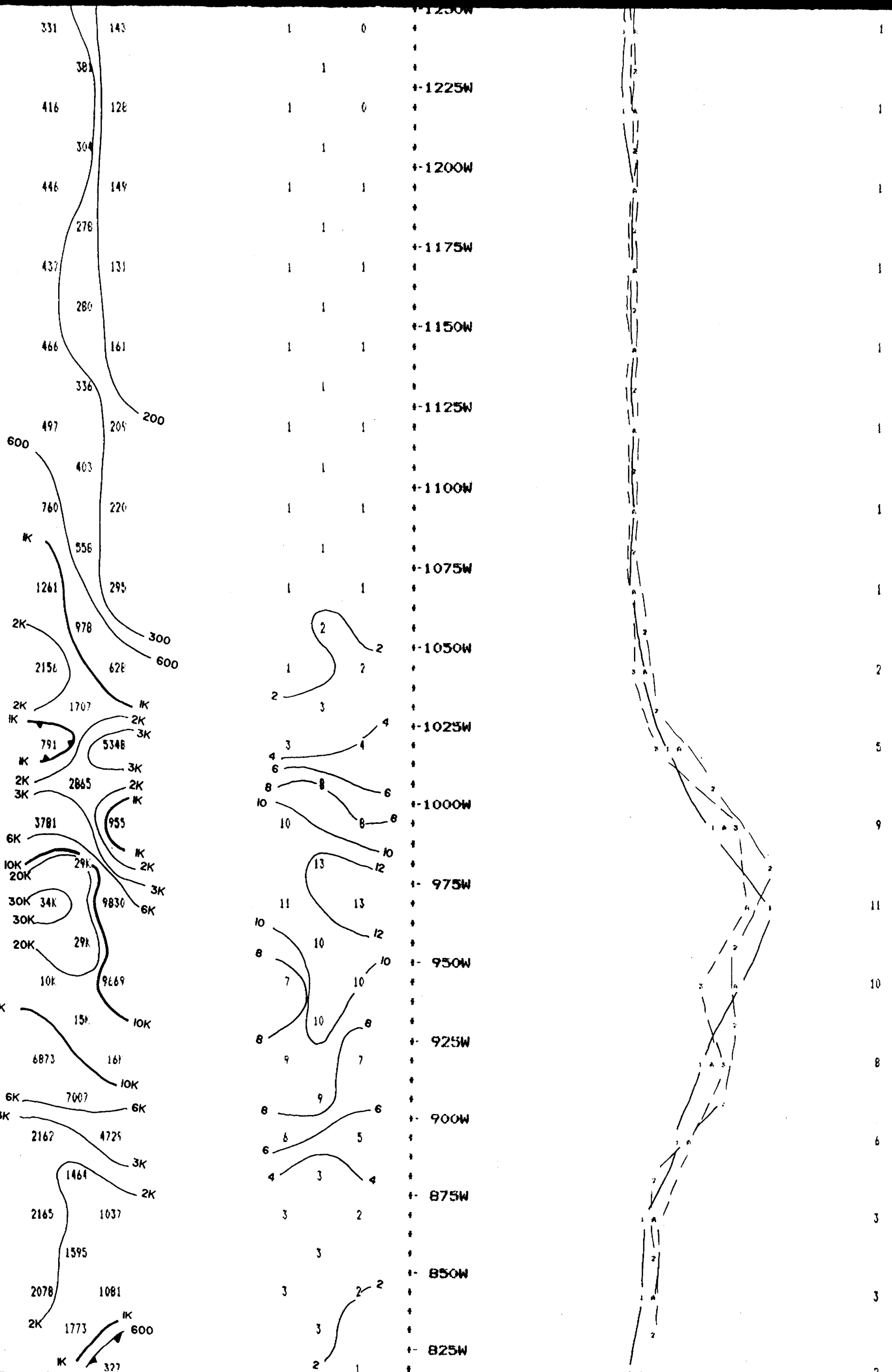
****

IP Pseudosections for N = 1 to 4

'a' Spacing = 25 M

LINE 1000 N


-1750W
-1725W
-1700W
-1675W
-1650W
-1625W
-1600W
-1575W
-1550W
-1525W
-1500W
-1475W
-1450W
-1425W
-1400W
-1375W
-1350W
-1325W
-1300W
-1275W


+-1250W
+-1225W
+-1200W
+-1175W
+-1150W
+-1125W
+-1100W
+-1075W
+-1050W
+-1025W
+-1000W
+- 975W
+- 950W
+- 925W
+- 900W
+- 875W
+- 850W
+- 825W
331
143
381
416
128
304
446
149
278
437
131
289
466
161
336
497
209
200
600
403
760
220
556
1261
295
978
300
600
2K
2158
628
2K
1707
IK
IK
2K
3K
791
5348
IK
3K
2K
2865
2K
3K
IK
3781
955
6K
IK
10K
29K
2K
20K
3K
30K
34K
9830
6K
30K
20K
29K
10K
9669
10K
15K
10K
6873
161
10K
6K
7007
6K
3K
2162
4725
3K
1464
2K
2165
1037
1595
2078
1081
2K
IK
1773
600
IK
327

600

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : POLE - DIPOLE
Mode : TIME DOMAIN
Receiver :
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Delay Time : 143 ms
Integration Time : 0 ms

****

EXSICO EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1100 N

SCALE = 1 : 1250

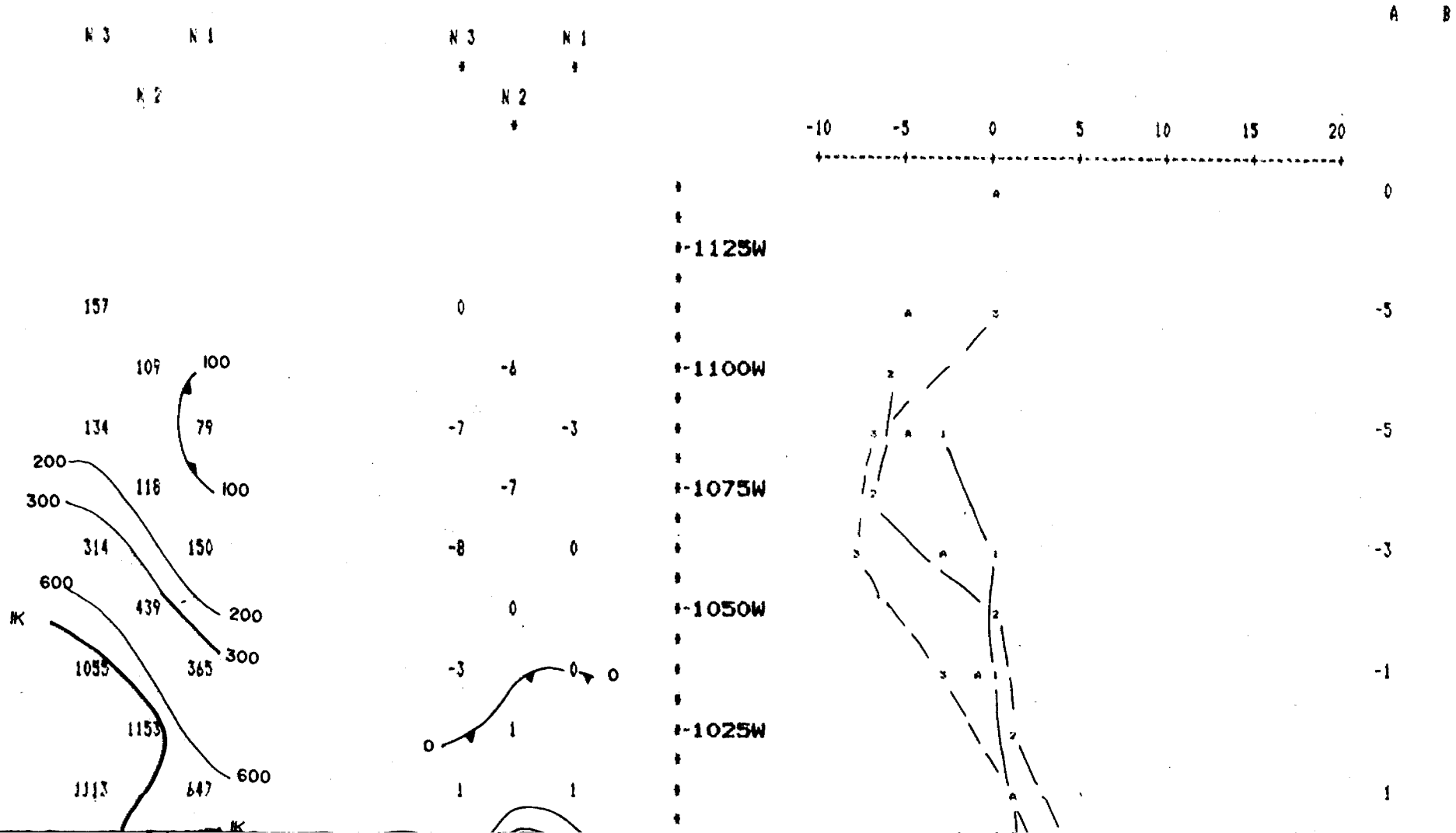
RESISTIVITY
(ohm - metres)

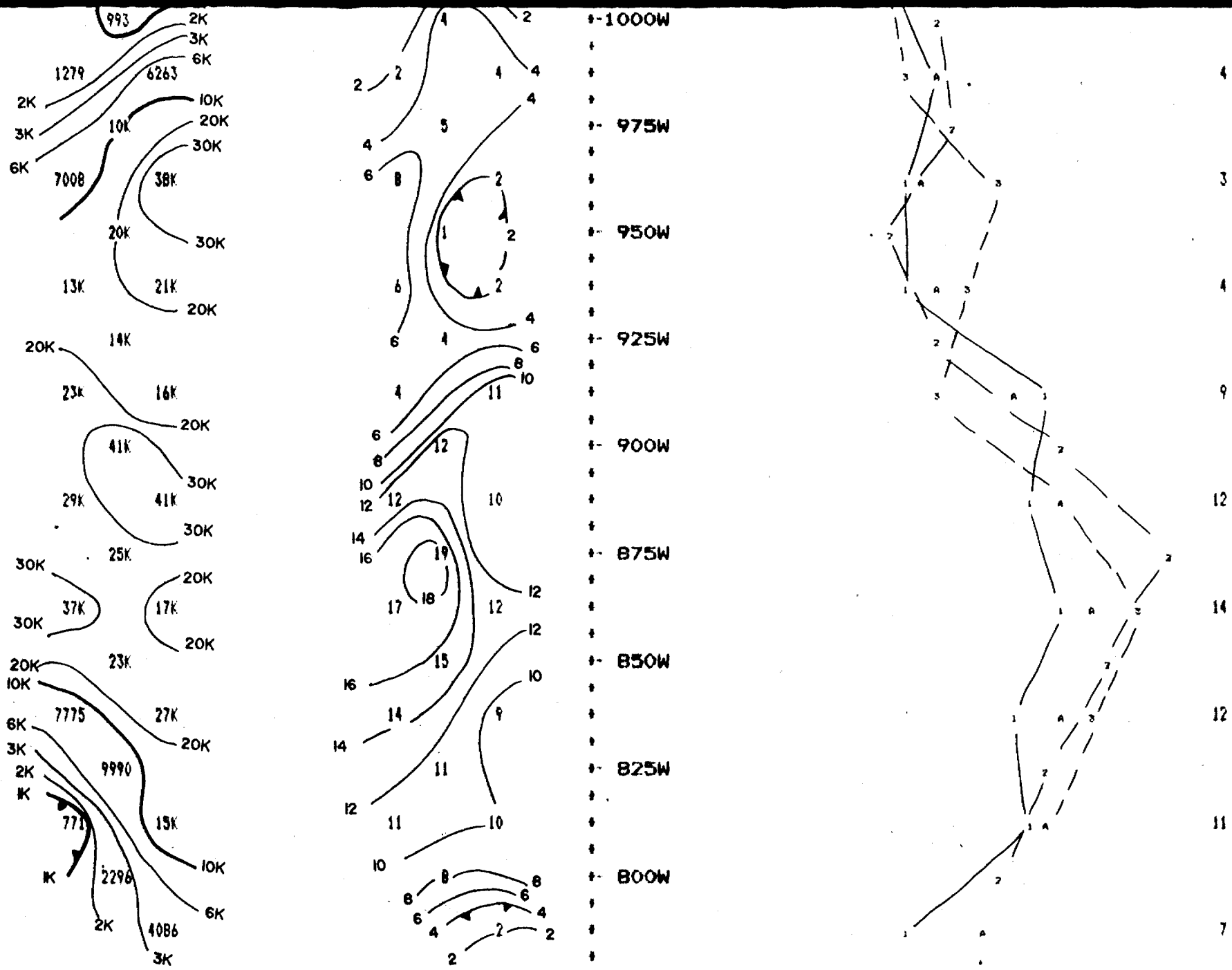
CHARGEABILITY
(milliseconds)

CHARGEABILITY -PROFILE

FRASER FILTER

A B





Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1200 N

SCALE : 1:1250

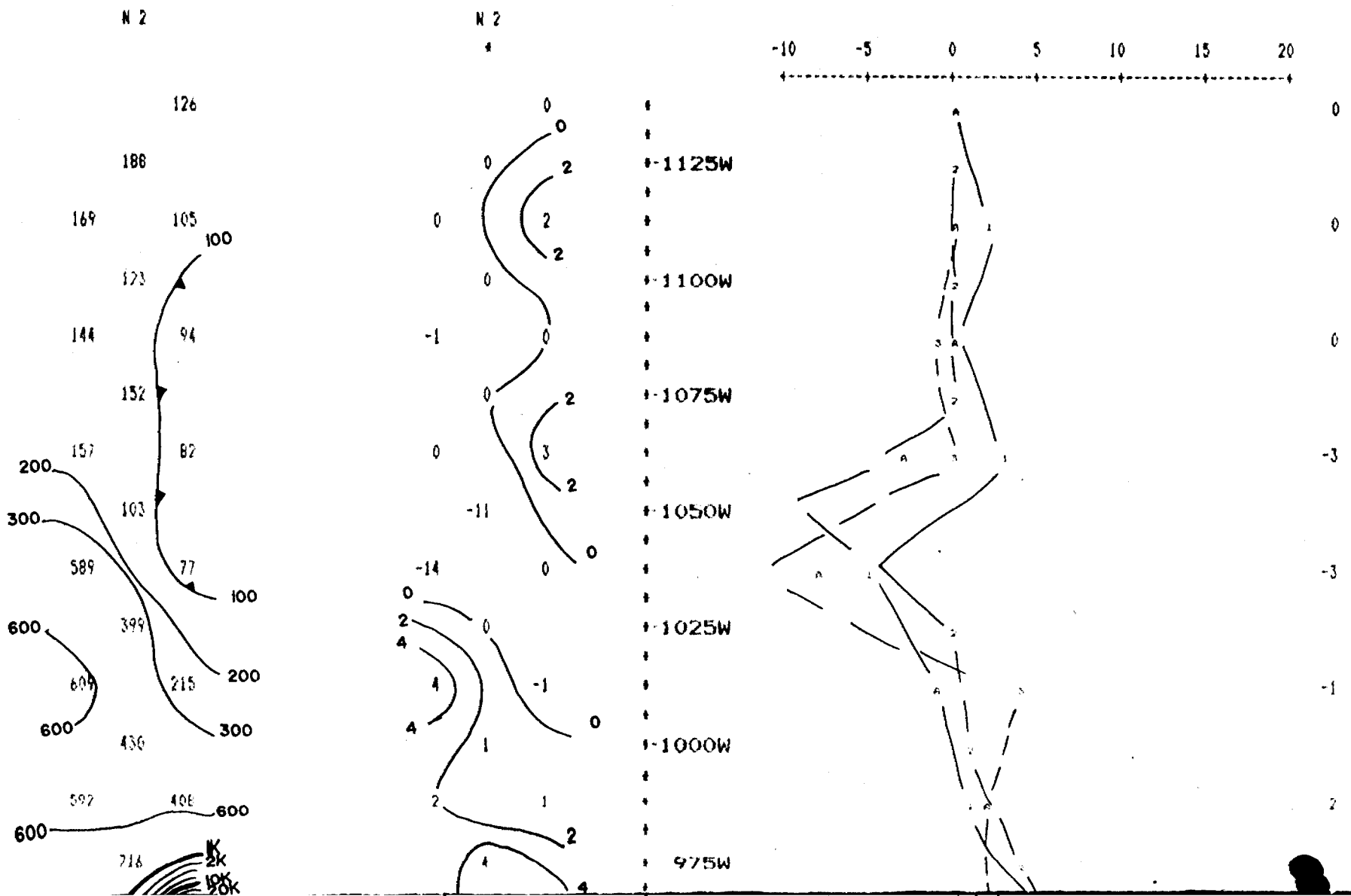
RESISTIVITY
(ohm - metres)

CHARGEABILITY
(milliseconds)

CHARGEABILITY PROFILE

FRASER FILTER

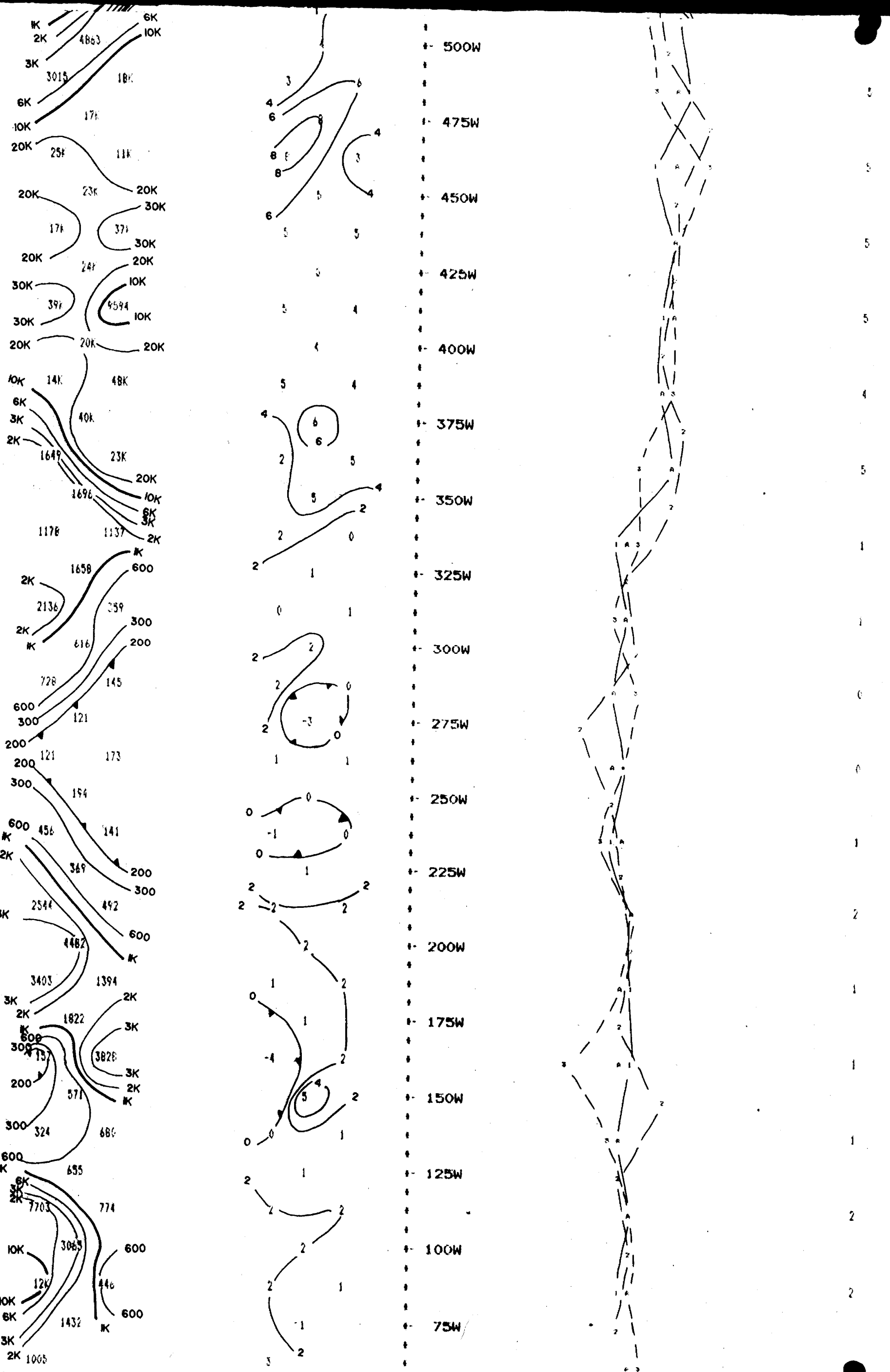
A B



848
29K
30K
3K
6K
31K
10K
19K
42K
30K
20K
17K
10K
11K
6186
10K
6K
6660
6K
3K
2356
4995
2K
1884
6K
3K
6K
7943
6817
10K
10K
20K
11K
14K
10K
10K
6K
5707
6K
11K
10K
6953
10K
20K
6K
5550
26K
6K
24K
10K
20K
30K
NR
30K
35K
NR
NR
NR
NR
NR
NR
NR
NR
NR
154
157
130
171
154
144
151
200
300
167
100
366
76
600
1K
178
1884
915
100
200
300
600
884
700
1K
2K
3K
705
652
4875

2
6
6
4
6
8
8
7
6
8
8
8
8
6
6
5
6
4
5
5
4
0
6
6
5
8
10
12
14
16
18
19
18
16
6
8
10
12
14
17
18
20
21
22
23
16
16
24
24
24
22
NR
20
16
18
NR
NR
NR
NR
NR
NR
NR
NR
NR
NR
-1
-1
0
-1
-3
0
-1
-6
-1
0
-5
1
-2
0
2
2
2
2
2
3
4
2
5
950W
925W
900W
875W
850W
825W
800W
775W
750W
725W
700W
675W
650W
625W
600W
575W
550W
525W

7
6
5
6
10
18
20
21
-1
-1
-1
-2
-2
2


500W
475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXBICS EXPLORATION LTD.

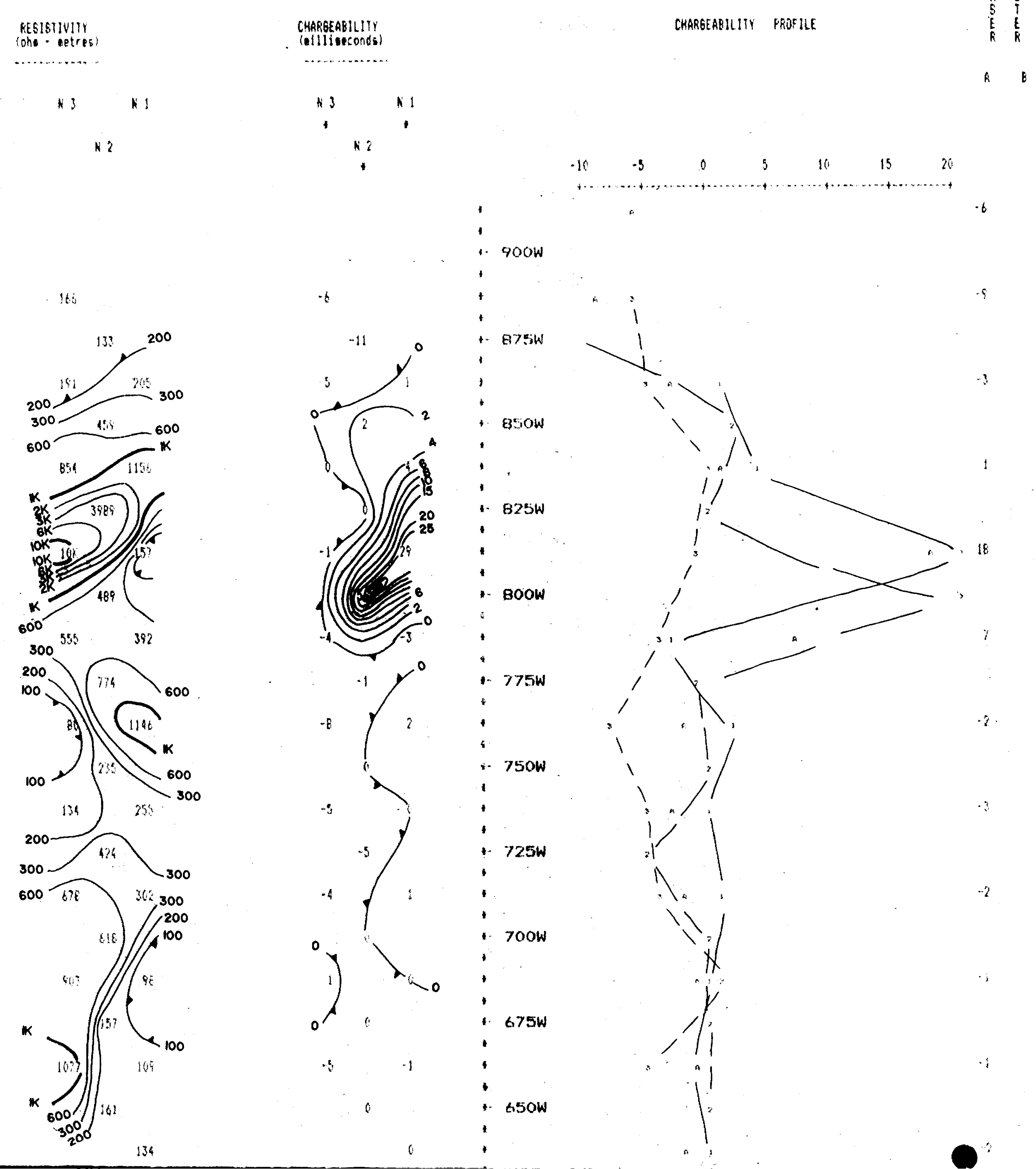
****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1300 N

SCALE : 1:1250


RESISTIVITY
(ohm - metres)
CHARGEABILITY
(milliseconds)
CHARGEABILITY PROFILE
FRASER
FILTER
A
B
N 3
N 1
N 2
-10
-5
0
5
10
15
20
900W
875W
850W
825W
800W
775W
750W
725W
700W
675W
650W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1400 N

SCALE : 1:1250

RESISTIVITY
(ohm - metres)

CHARGEABILITY
(milliseconds)

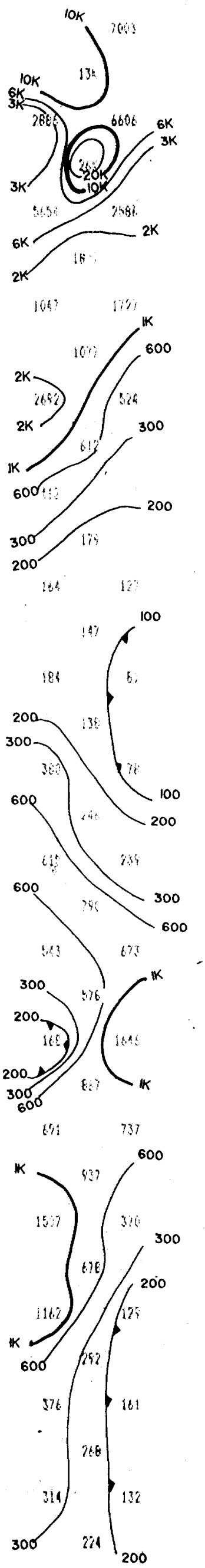
CHARGEABILITY PROFILE

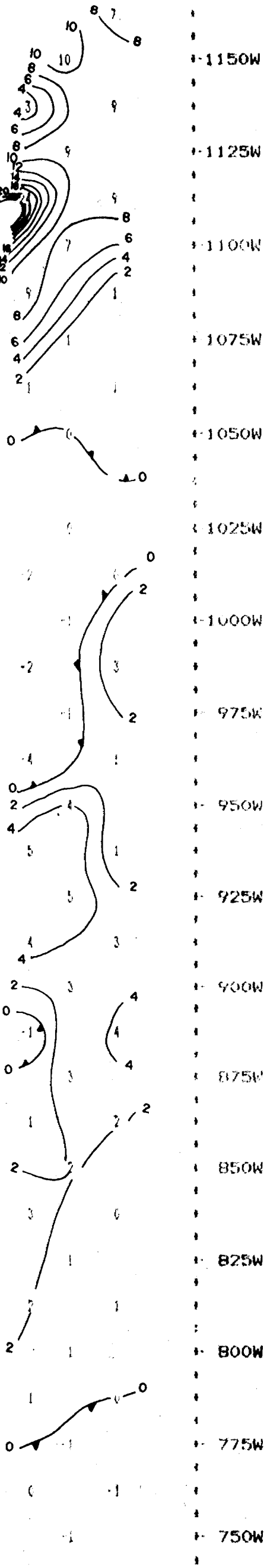
FRASER FILTER

A B

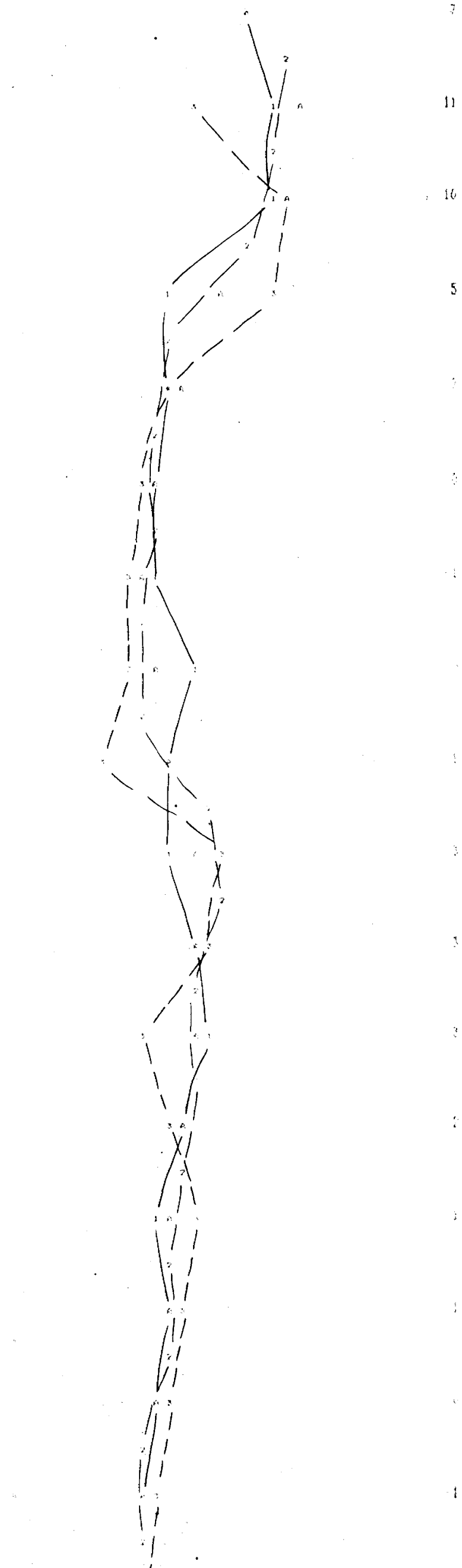
N 3 N 1

N 2





-1150W
-1125W
-1100W
-1075W
-1050W
-1025W
-1000W
-975W
-950W
-925W
-900W
-875W
-850W
-825W
-800W
-775W
-750W



Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICB EXPLORATION LTD.

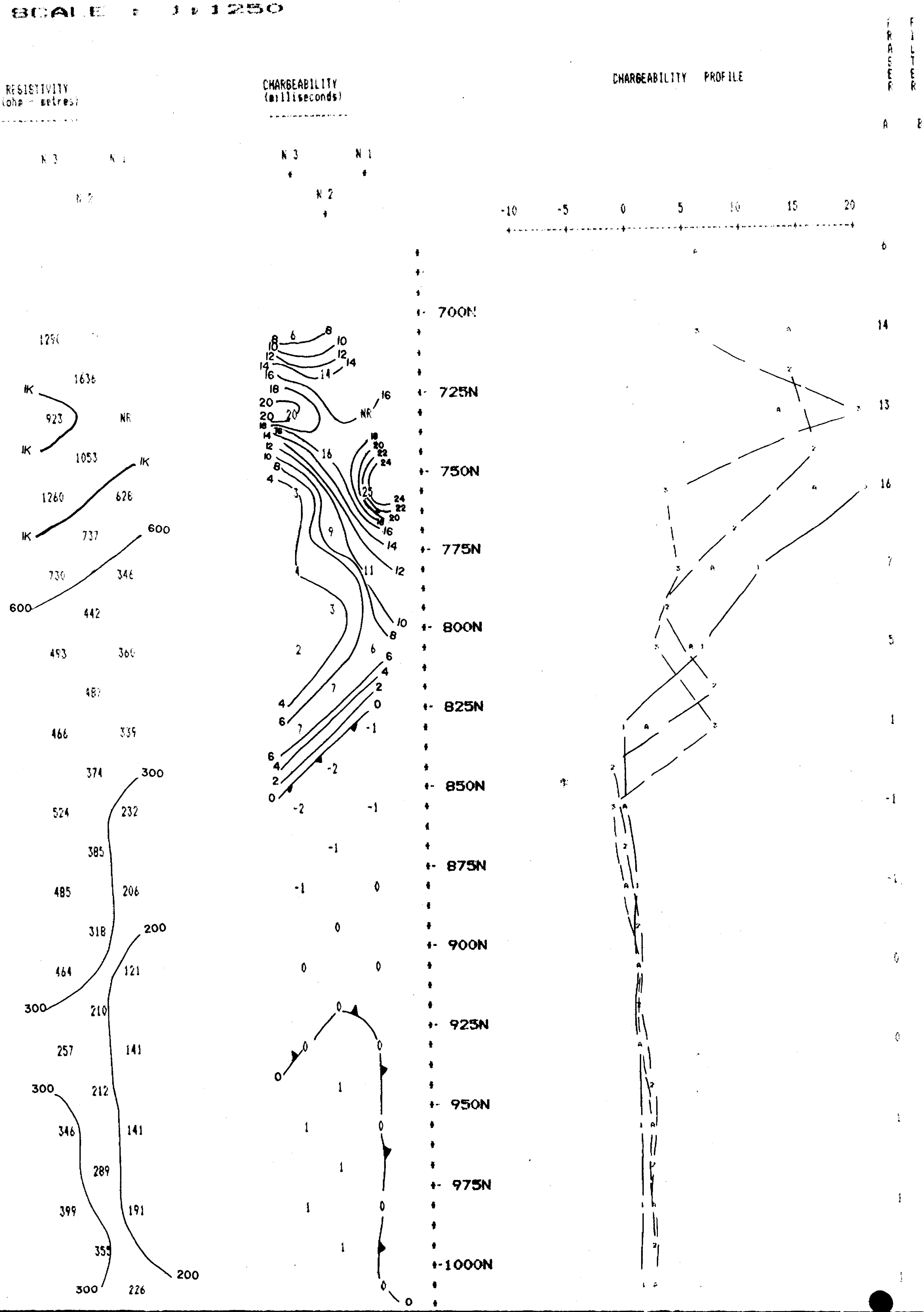
****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1500 N

SCALE : 1:1250



RESISTIVITY
(ohm - metres)
CHARGEABILITY
(milliseconds)
CHARGEABILITY PROFILE
FRASER
FILTER
N 3
N 1
N 2
700N
725N
750N
775N
800N
825N
850N
875N
900N
925N
950N
975N
1000N

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : POLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

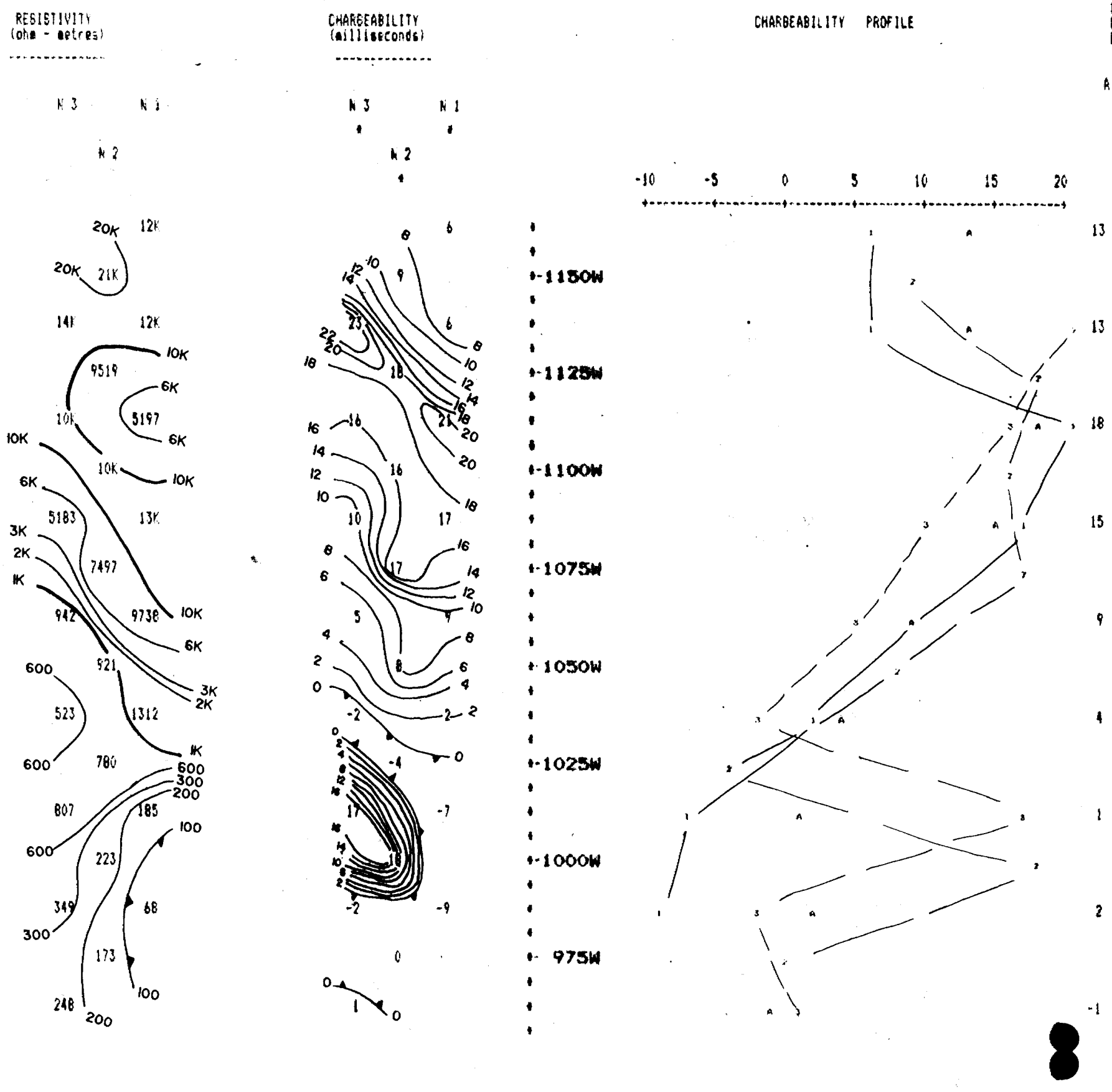
****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1525 W

SCALE = 1 : 1250



Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : BCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1600 N

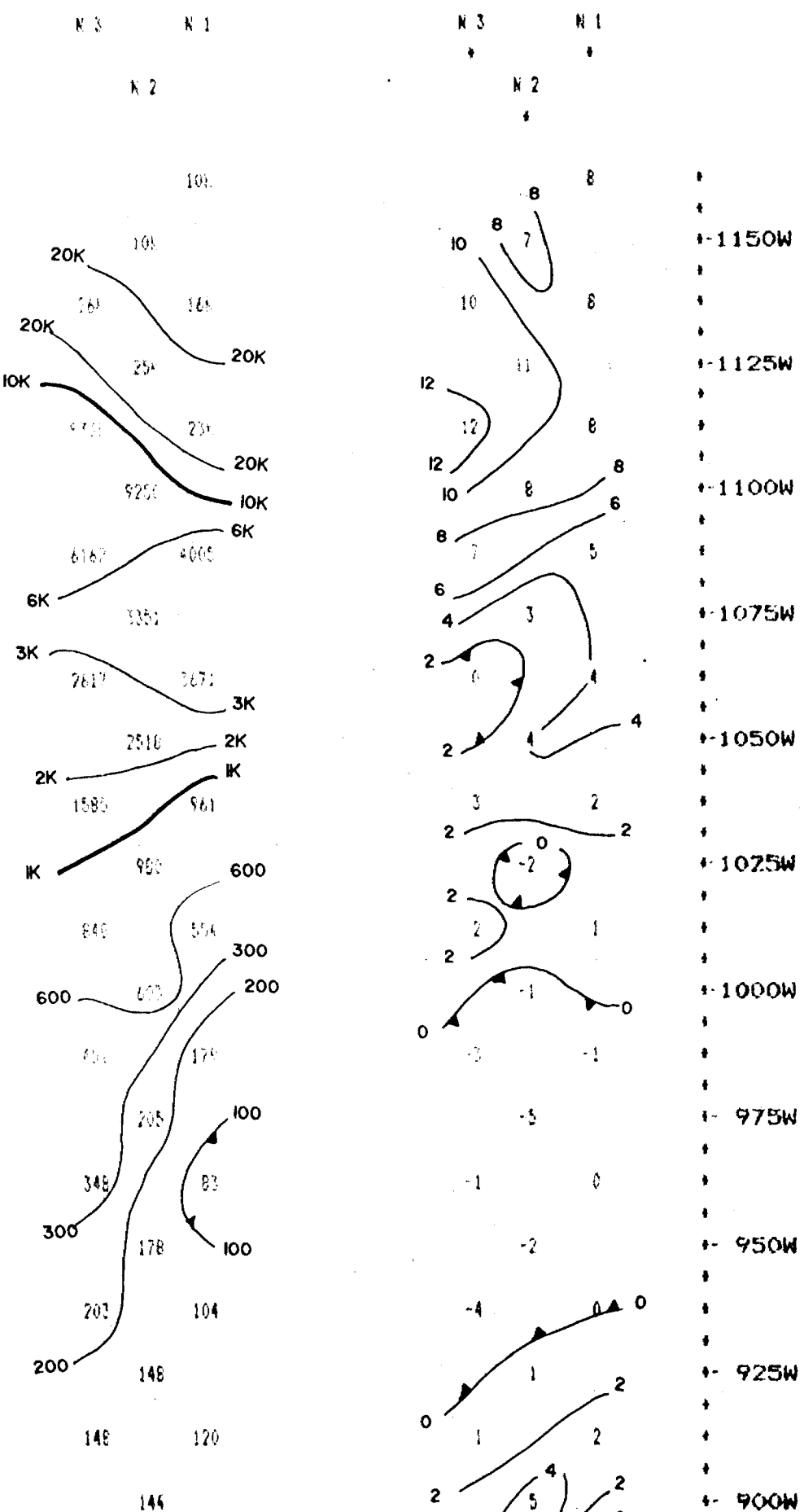
SCALE : 1 : 1250

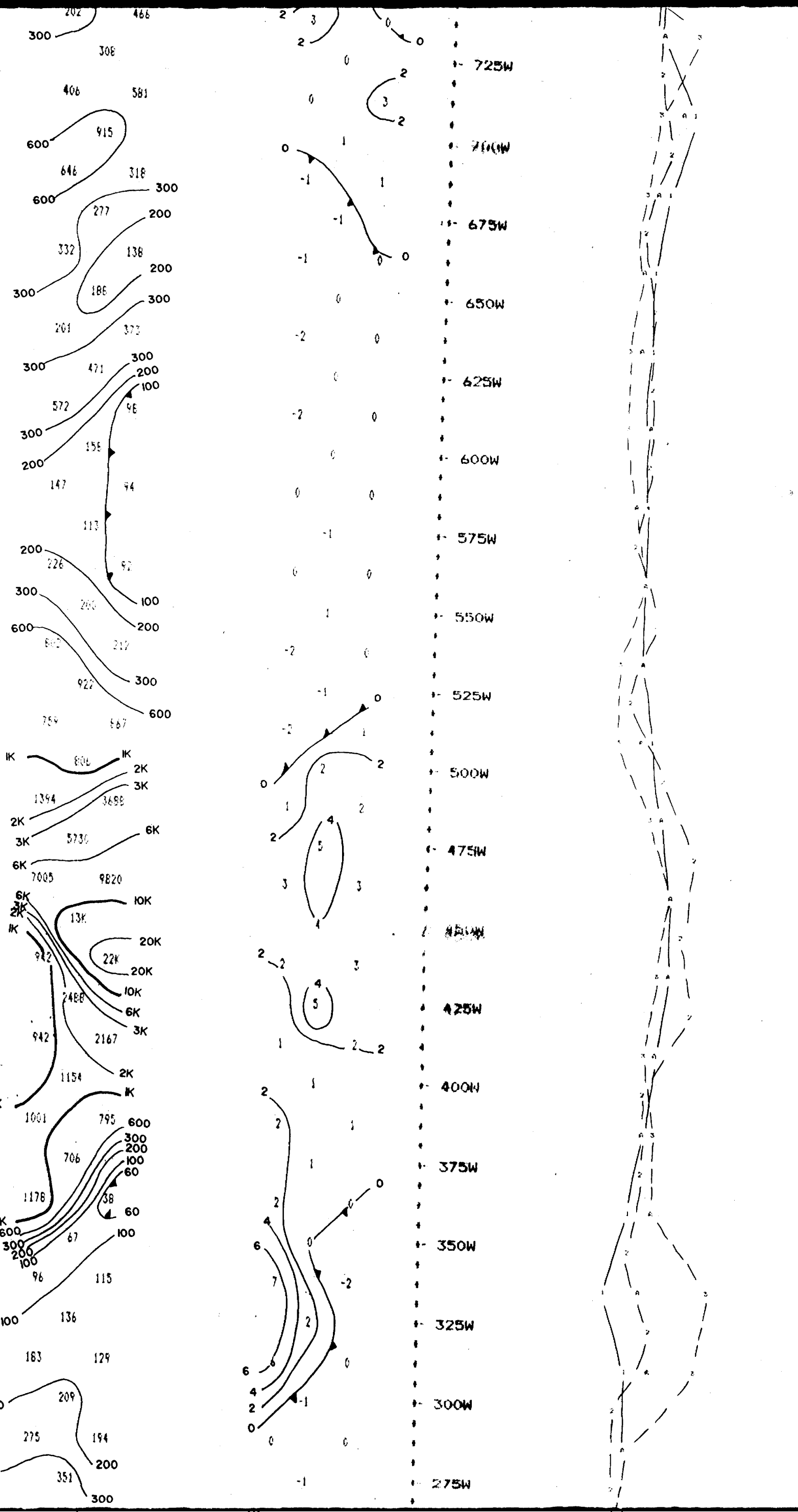
RESISTIVITY
(ohm - metres)

CHARGEABILITY
(milliseconds)

CHARGEABILITY PROFILE

FRASER




725W
700W
675W
650W
625W
600W
575W
550W
525W
500W
475W
450W
425W
400W
375W
350W
325W
300W
275W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 15/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-7
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICS EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1700 N

SCALE : 1:1250

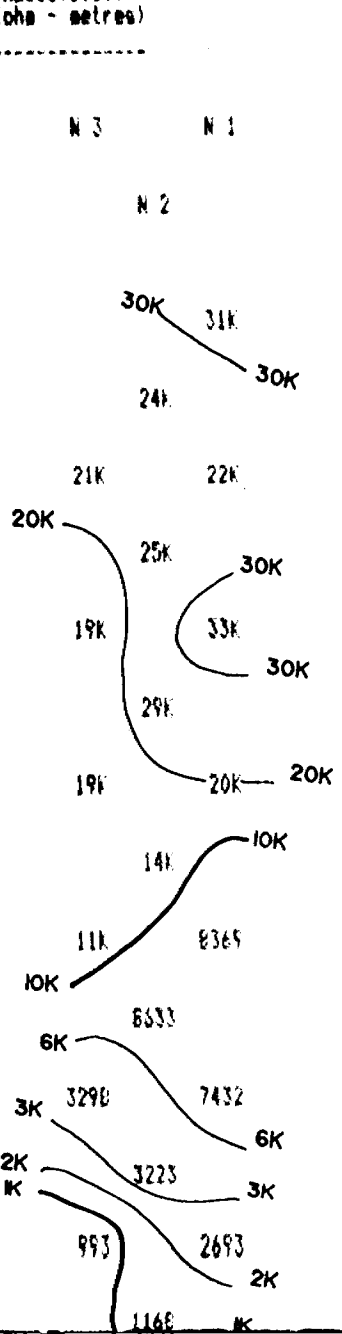
RESISTIVITY
(ohm - metres)

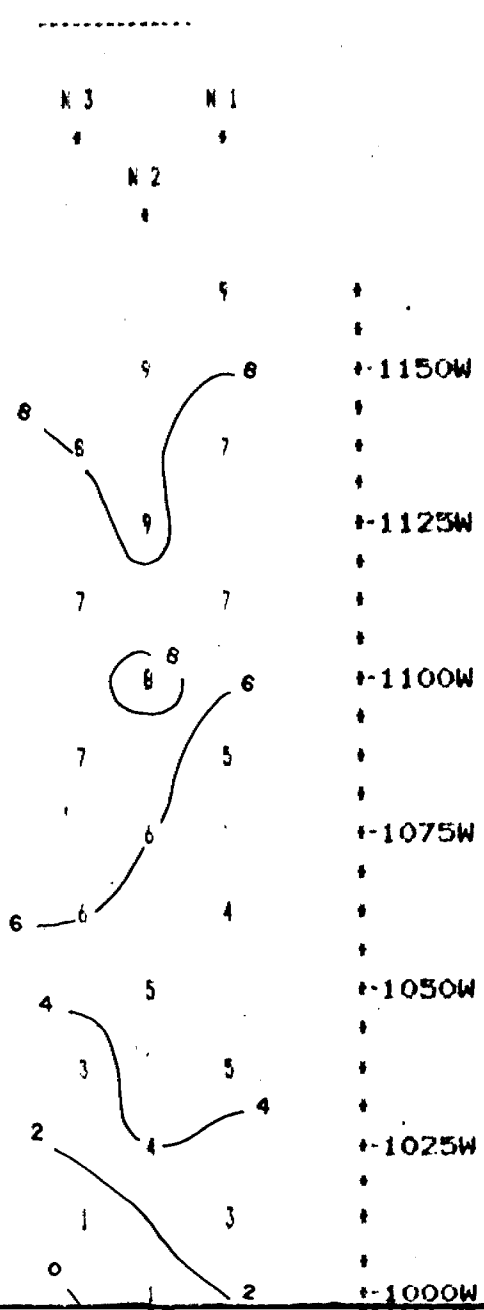
CHARGEABILITY
(milliseconds)

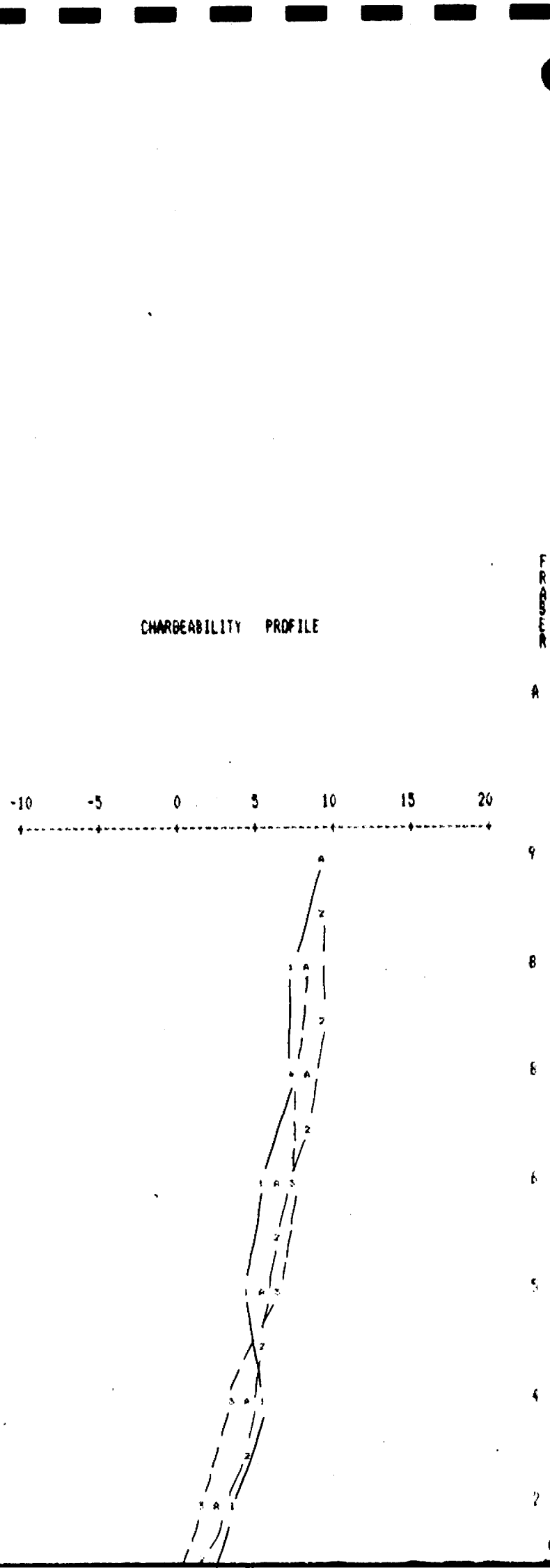
CHARGEABILITY PROFILE

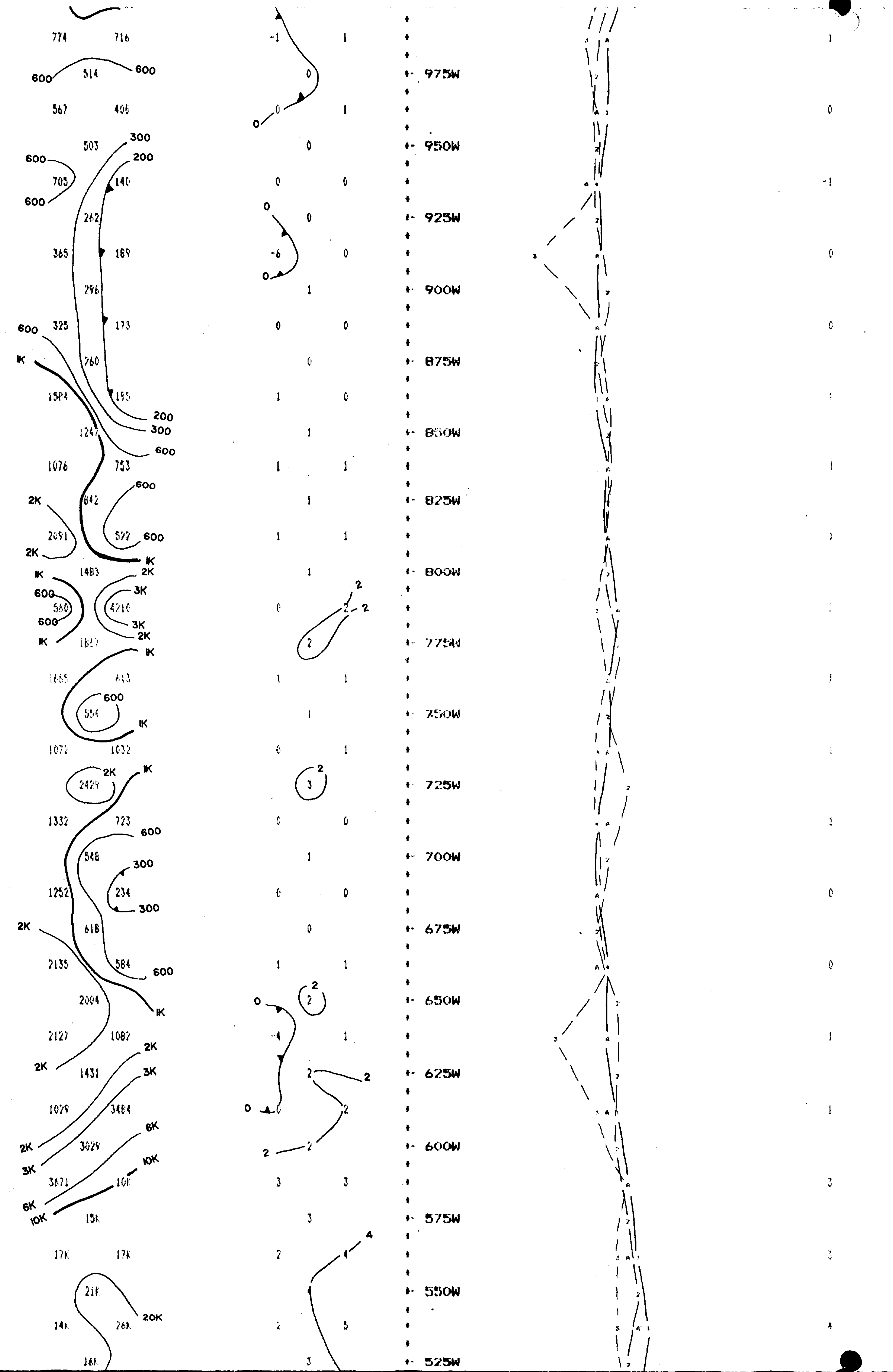
FRASER FILTER

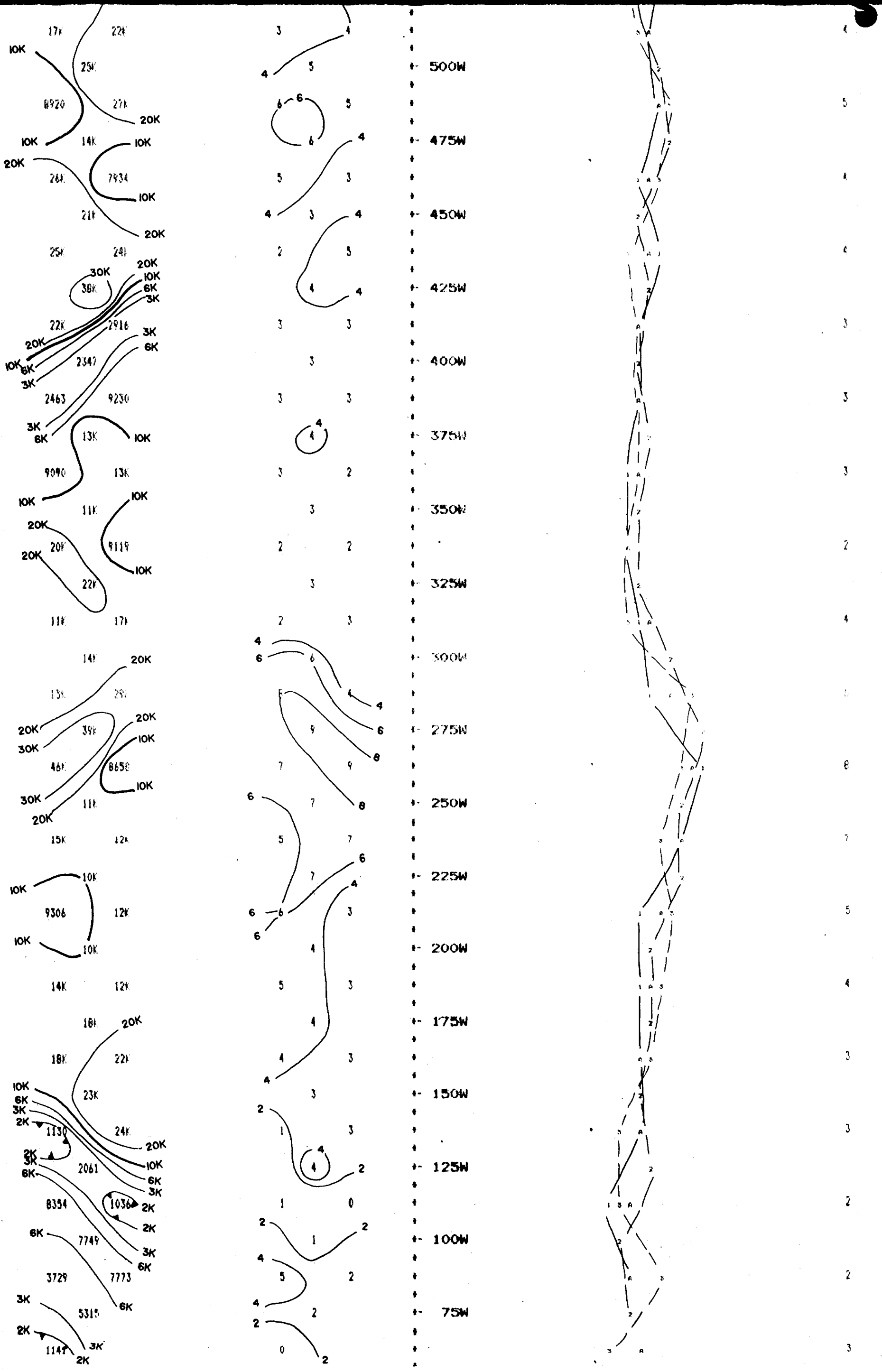
A B








975W
950W
925W
900W
875W
850W
825W
800W
775W
750W
725W
700W
675W
650W
625W
600W
575W
550W
525W


500W
475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 8/9/88
Operator : MH
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXSICO EXPLORATION LTD.

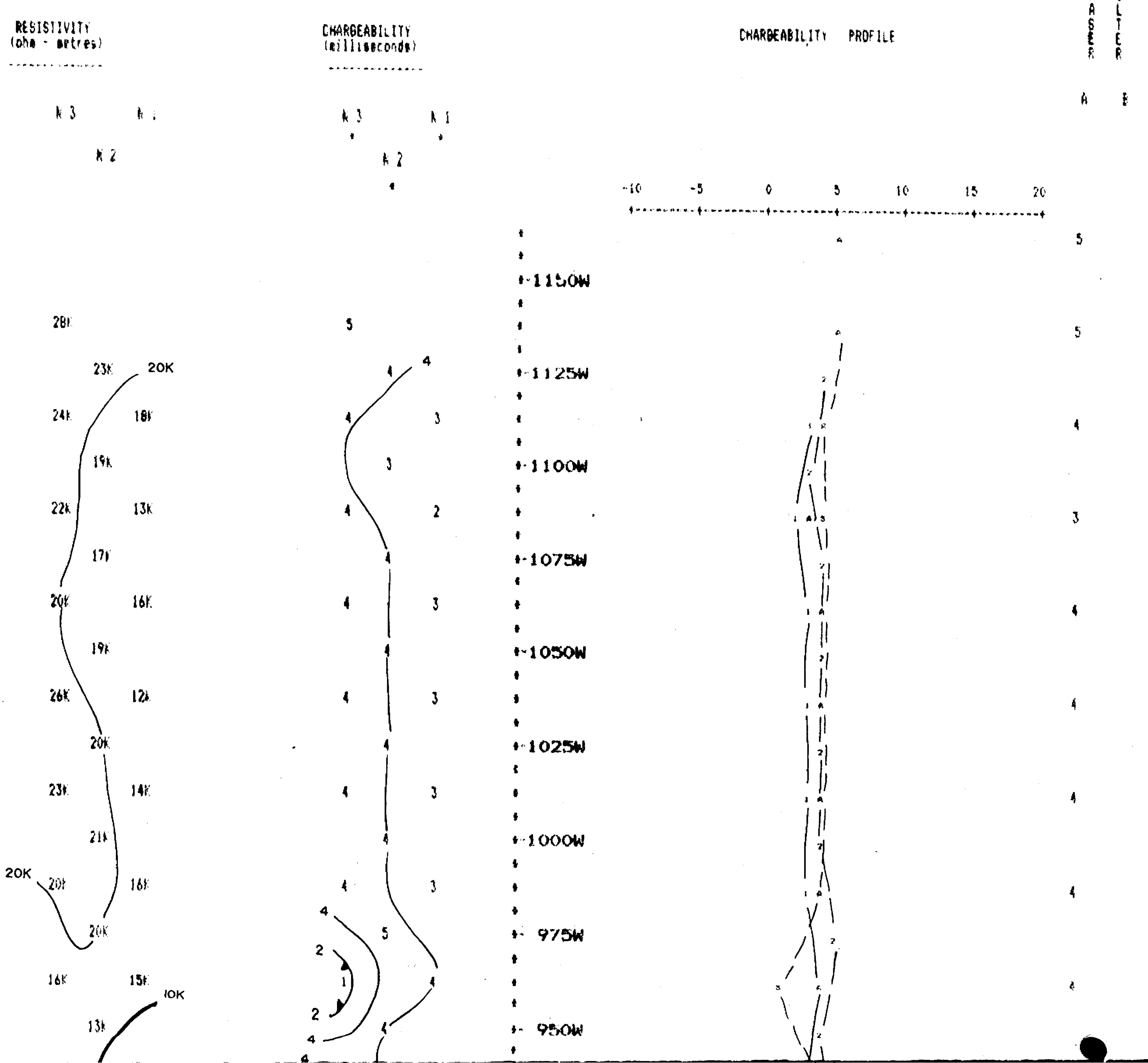
****

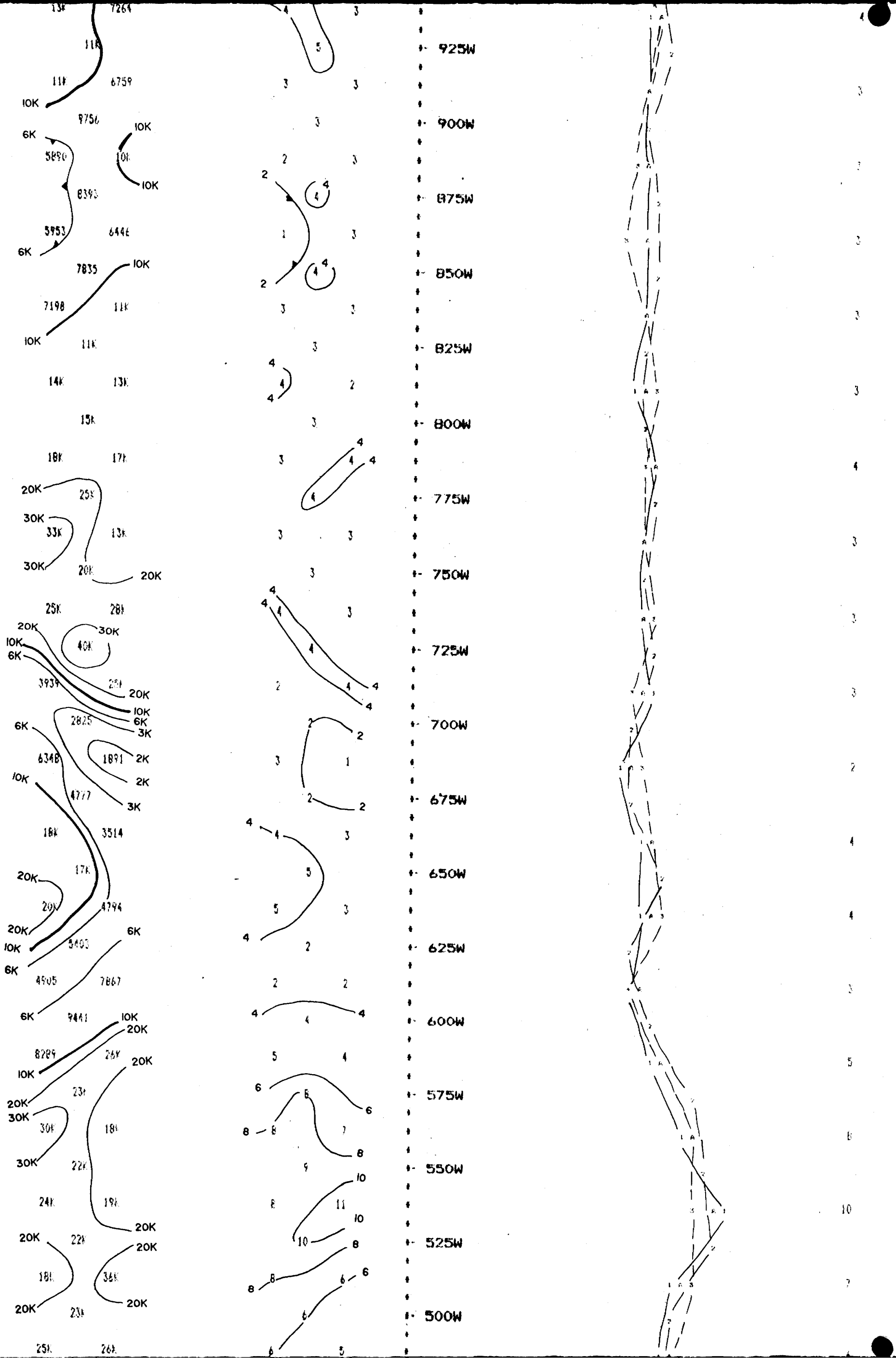
IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1800 N

SCALE : 1 : 1250


RESISTIVITY
(ohm - metres)
CHARGEABILITY
(milliseconds)
CHARGEABILITY PROFILE
FRASER
FILTER
A
B
N 3
N 2
N 1
-10
-5
0
5
10
15
20
1150W
1125W
1100W
1075W
1050W
1025W
1000W
975W
950W
28K
23K
20K
24K
18K
19K
22K
13K
17K
16K
26K
12K
14K
21K
15K
10K
5
4
3
2
1


925W
900W
875W
850W
825W
800W
775W
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725W
700W
675W
650W
625W
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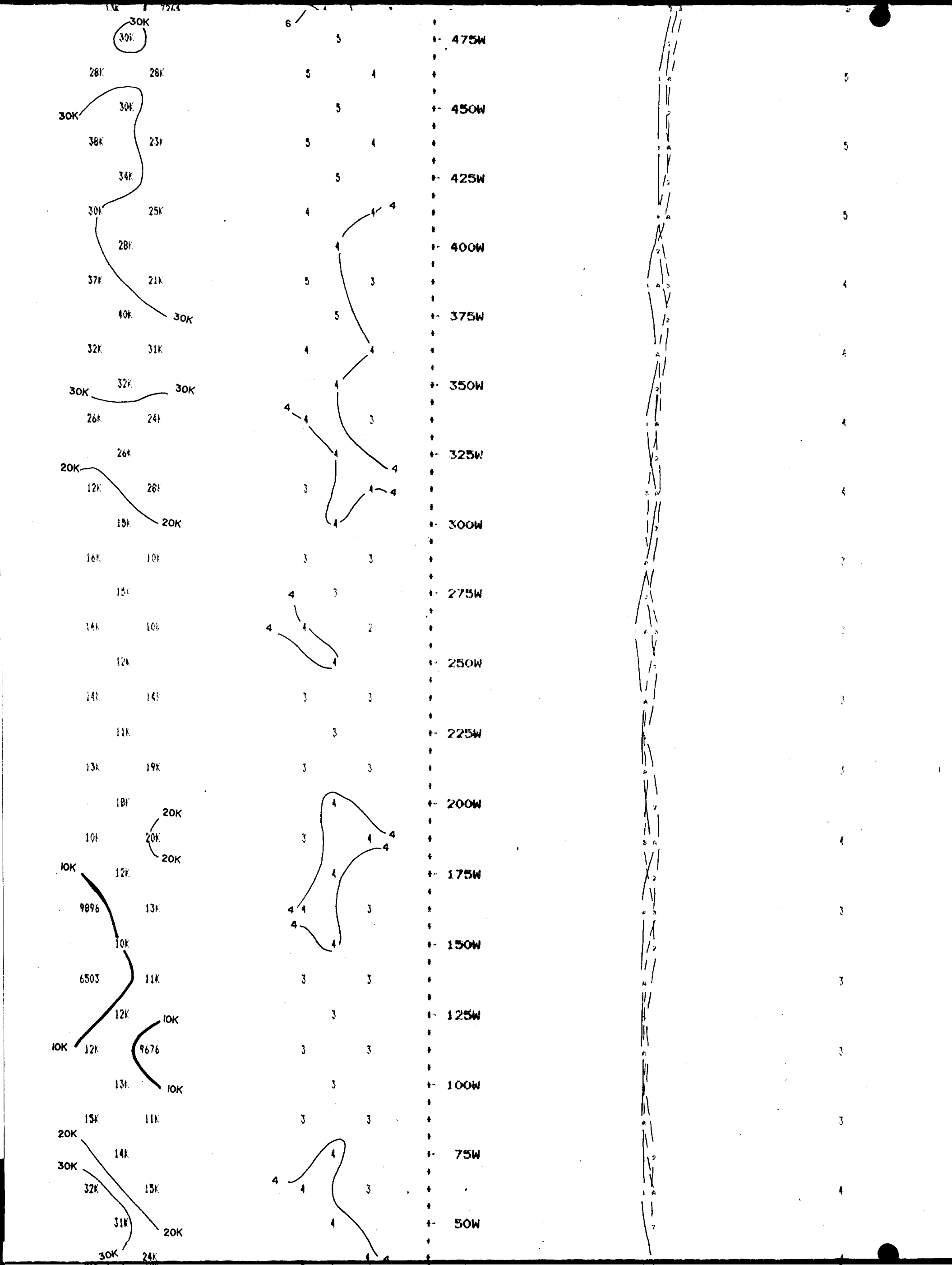
500W


475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W
50W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 8/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXBICB EXPLORATION LTD.

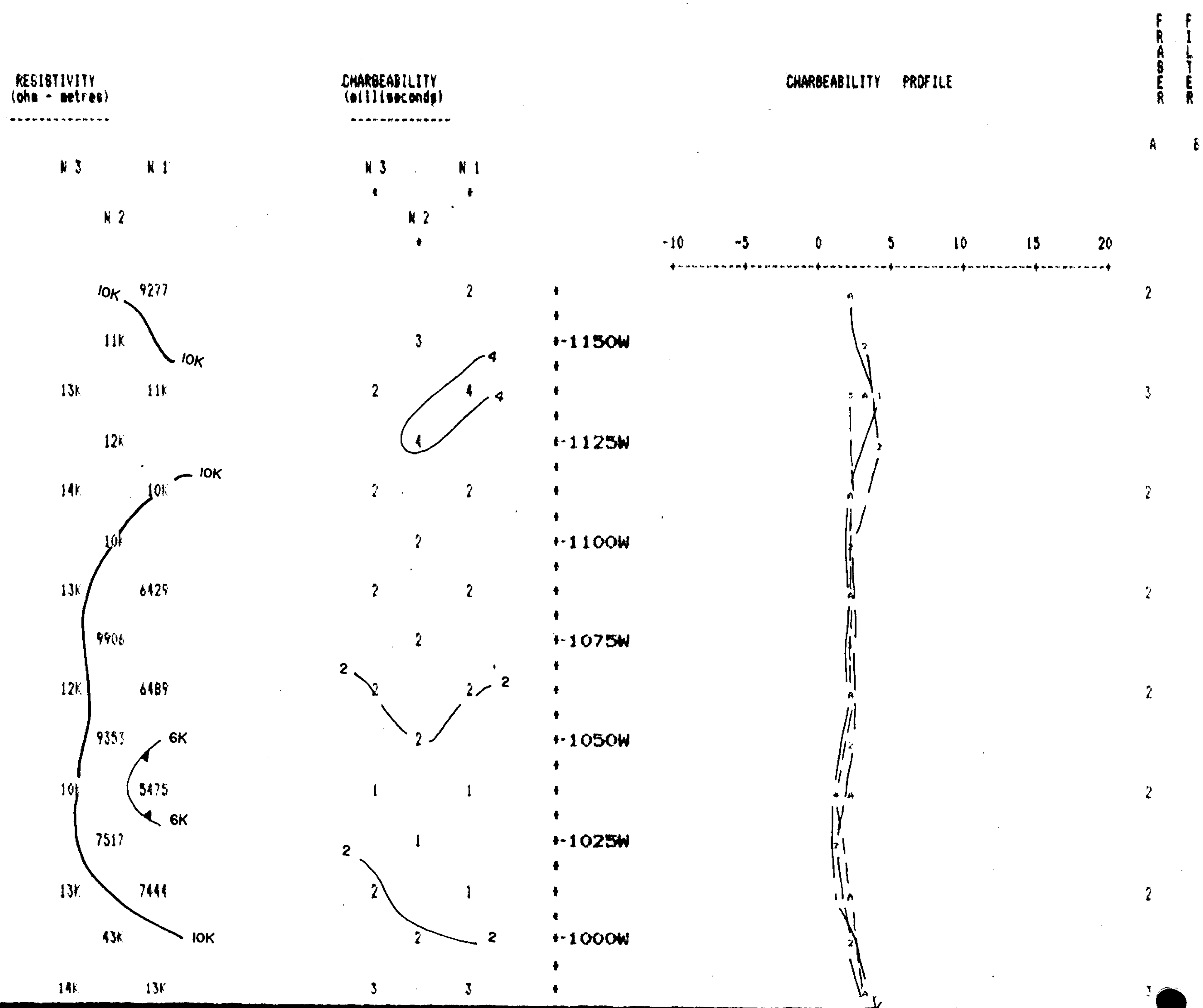
****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 1900 N

SCALE : 1:1250


RESISTIVITY
(ohm - metres)
N 3
N 1
N 2
CHARGEABILITY
(milliseconds)
N 3
N 1
N 2
CHARGEABILITY PROFILE
FRASER
FILTER
A
B
-10
-5
0
5
10
15
20
-1150W
-1125W
-1100W
-1075W
-1050W
-1025W
-1000W
10K
9277
11K
10K
13K
11K
12K
14K
10K
10K
10K
13K
6429
9906
12K
6489
9353
6K
10K
5475
6K
7517
13K
7444
43K
10K
14K
13K
2
3
4
2
4
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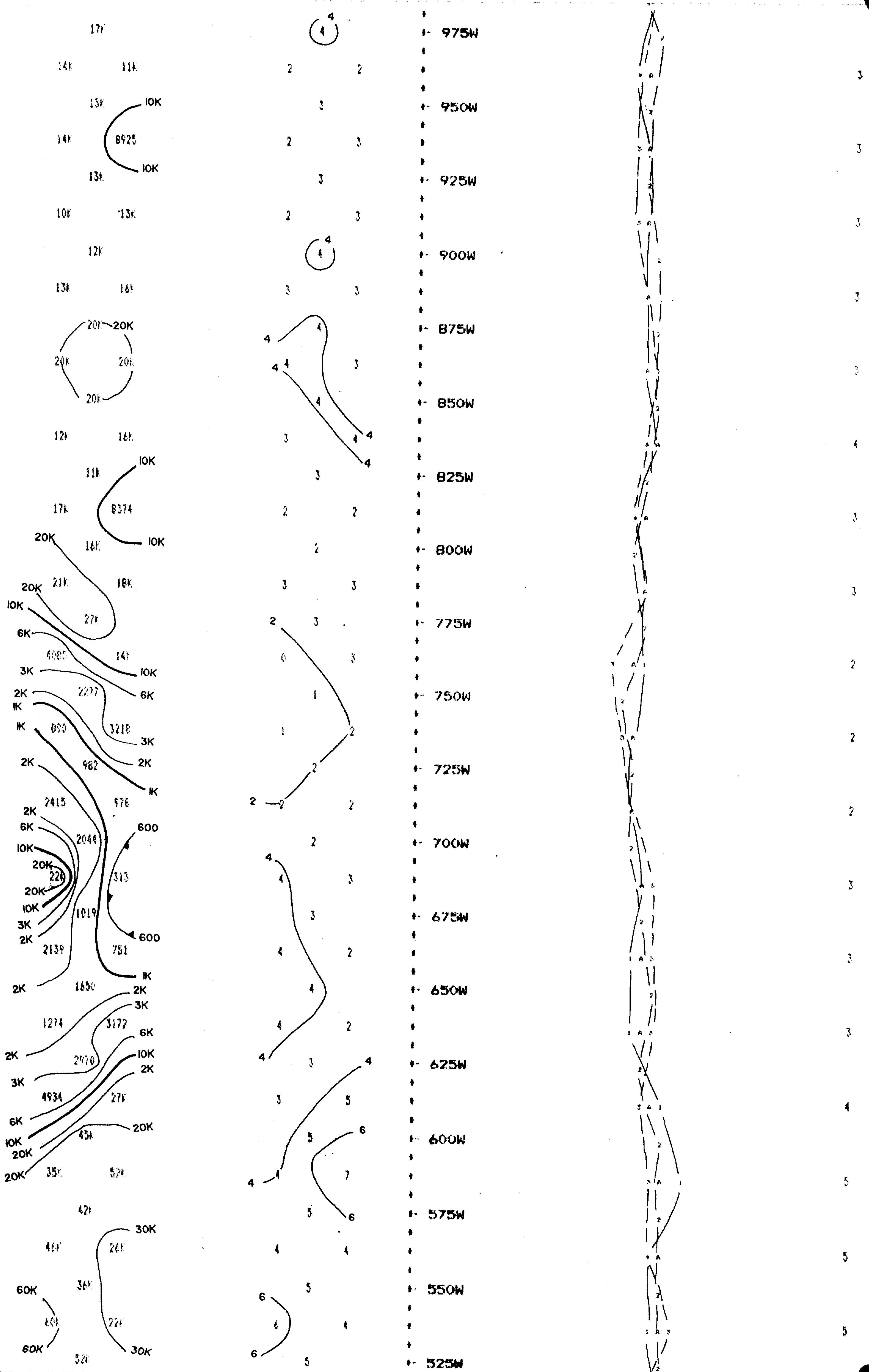
3


975W
950W
925W
900W
875W
850W
825W
800W
775W
750W
725W
700W
675W
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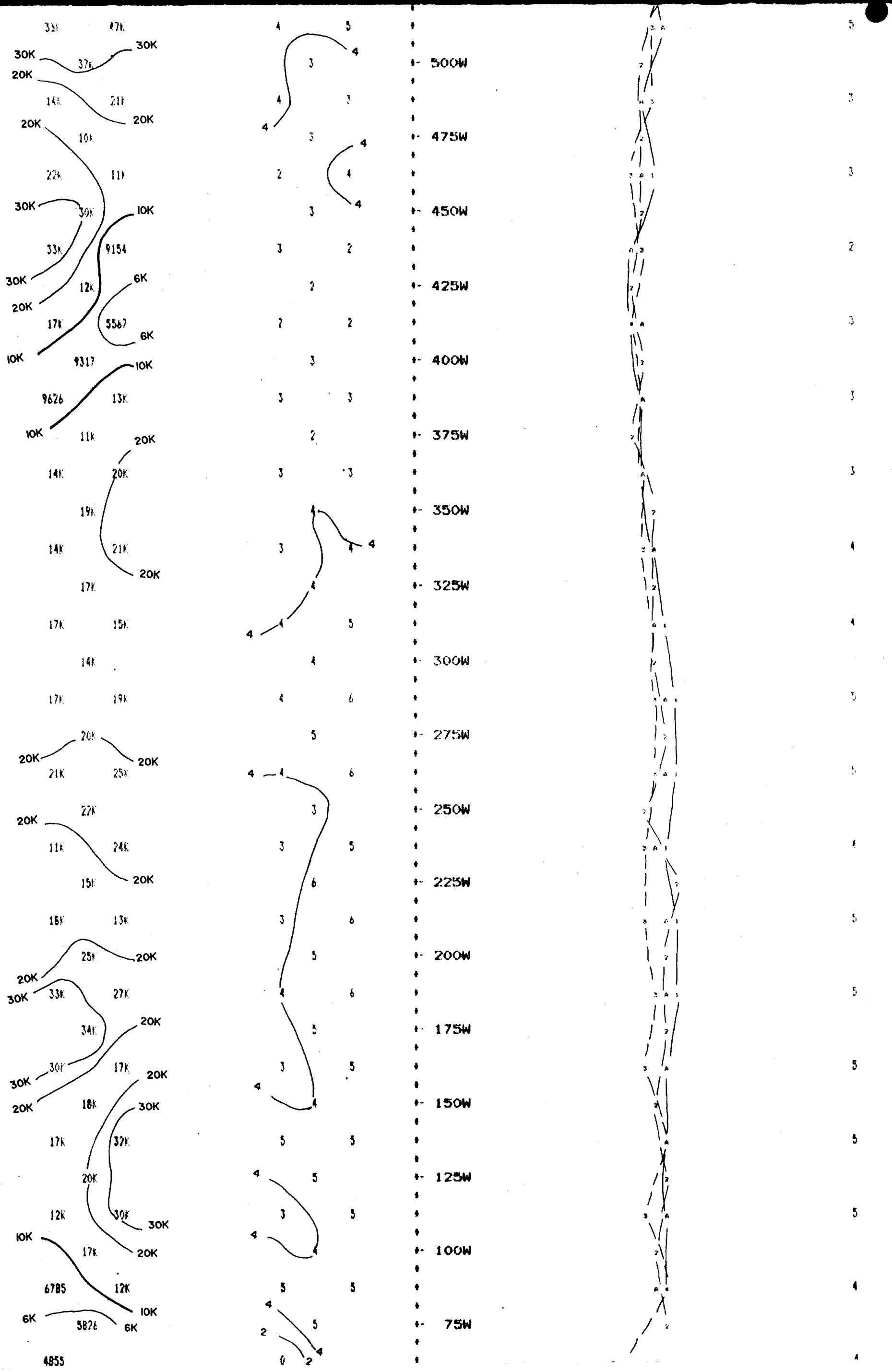
500W
475W
450W
425W
400W
375W
350W
325W
300W
275W
250W
225W
200W
175W
150W
125W
100W
75W

Property : RATHBUN
Client : GOLD'OR

Date of Survey : 5/9/88
Operator : PR
Electrode Array : DIPOLE - DIPOLE
Mode : TIME DOMAIN
Receiver : EDA IP-2
Transmitter : SCINTREX IPC-9
Pulse Time : 2 Sec on 2 Sec off
Chargeability Window Plotted : #3
Delay Time : 500 ms
Integration Time : 420 ms

****

EXBICB EXPLORATION LTD.

****

IP Pseudosections for N = 1 to 3

'a' Spacing = 25 M

LINE 2000 N

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expendi[tures])

DOCUMEN[T] W8807·

41115SE0050 2.11858 RATHBUN

900

2-11858 #192 Mining Ac[t]

Type of Survey(s): INDUCED POLARIZATION (IP)

Township or Area: RATHBON TWP

Claim Holder(s): GOLD 'OR MINING CORP.

Prospector's Licence No.: T. 5001

Address: 444 DAYTONA AVE., FORT ERIE, ONTARIO, L2A 4Y9

Survey Company: EXSICS EXPLORATION LIMITED

Date of Survey (from & to): 05 | 08 | 88 | 18 | 08 | 88 (Day | Mo. | Yr. | Day | Mo. | Yr.)

Total Miles of line Cut: 6 MILES TRAVERSED.

Name and Address of Author (of Geo-Technical report): RAY MEIKLE; EXSICS EXPL. LTD., P.O. BOX 1880, TIMMINS, ONT. P4N 7X1

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	· Electromagnetic	20
	· Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	· Radiometric	
	· Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
S	854405				
	854406				
	854407				
	854408				
	854409				

SUDBURY MINING DIV. RECEIVED SEP 23 1988 A.M. 7|8|9|10|11|12|1|2|3|4|5|6 P.M.

10:30am AF

Total number of mining claims covered by this report of work. 5

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
100	SEPT. 27/88.	V. C. Mill[er]
	Date Approved as Recorded	Branch Director
	See revised statement.	

Date: SEPT. 22/88

Recorded Holder or Agent (Signature): L.D.S. Winter AGENT.

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: L.D.S. WINTER, NORWIN RESOURCES LTD., 560 NOTRE DAME AVE., SUDBURY, ONTARIO P3C 5L2

Date Certified: SEPT. 22/88

Certified by (Signature): L.D.S. Winter

1362 (85/12)

Ministry of Northern Development and Mines

Ontario

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) Induced Polarization

Township or Area Rathbun Township

Claim Holder(s) Gold o'r Mining Corporation
Rathbun Township

Survey Company Exsics Exploration Ltd.

Author of Report R. J. Meikle

Address of Author Box 1880, Timmins, Ont.

Covering Dates of Survey Sept 5/ to Oct 18/88
(linecutting to office)

Total Miles of Line Cut _____

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: Oct 18/88 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications 2.3860

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

P-854405
P-854406
P-854407
P-854408
P-854409

If space insufficient, attach list

TOTAL CLAIMS 5

OFFICE USE ONLY

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 _____ Line spacing _____

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 EDA - IP2 Receiver, Scintrex IPC-7 Transmitter

Method ☒ Time Domain ☐ Frequency Domain

Parameters – On time 2 seconds Frequency _____

– Off time 2 seconds Range _____

– Delay time 500 ms

– Integration time 420 ms

Power _____

Electrode array Dipole - Dipole Pole - Dipole

Electrode spacing 25 meters

Type of electrode Stainless Steel and Pots

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_____

_____

_____

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_____

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

Mesh size of fraction used for analysis_____

_____

_____

_____

General_____

_____

_____

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General_____

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_____

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
3rd floor, 880 Bay Street
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

December 29, 1988

Your file: W8807-192
Our file: 2.11858

Mining Recorder
Ministry of Northern Development and Mines
Bag 3000
200 Brady Street, 6th floor
Sudbury, Ontario
P3A 5W2

Dear Sir:

Re: Notice of Intent dated December 13, 1988
Geophysical (Induced Polarization) Survey
submitted on Mining Claims S 854405 et al in Rathbon Township

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division
RM
RM:pl
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Sudbury, Ontario

Gold'Or Mining Corp.
444 Daytona Ave.
Fort Erie, Ontario
L2A 4Y9

Mr. Ray Meikle
Exsics Exploration Ltd.
P.O. Box 1880
Timmins, Ontario
P4N 7X1

Mr. L.D.S. Winter
Norwin Resources Ltd.
560 Notre Dame Ave.
Sudbury, Ontario
P3C 5L2

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.11858

Date: December 13, 1988

Mining Recorder's Report of Work No.: W8807-192

Recorded Holder: Gold'Or Mining Corp.

Township or Area: Rathbun Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization 14 days	S 854405 to 409 inclusive
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

* No electromagnetic credits granted. Material submitted pertained to Induced Polarization survey.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

ISLANDS in Wanapitei Lake WITHDRAWN FROM STAKING under Sec. 38 (c) of Mining Act R.S.O. 1970. Nov. 23, 1926

FLOODING RIGHTS along the shores of Wanapitei Lake and islands contained therein to elev. 100.5 (crest of dam) reserved to H.E.P.C.
L.O. 6186 File 43815

Withdrawn from staking under Section of the Mining Act, R.S.O. 1970

	File	Date	Disposition
43 a	~~171524~~	~~May 5/65~~	~~S.R. & M.R.~~
43 b	~~"~~	~~June 9/69~~	~~S.R.O.~~
43 c	~~"~~	~~Oct. 6/69~~	~~S.R. & M.R.~~
43 d	~~114727~~	~~W.51/76 Aug 26/76~~	~~S.R.O.~~
43 e	~~41954~~	~~W.8/78 Jan. 27/78~~	~~S.R. & M.R.~~
43 g	~~"~~	~~" "~~	~~M.R.O.~~

* W.4/84 (Northeastern Region) Sudbury S.R. & M.R. 1984 12 06

** 2/95 (Northeastern Region) S.R. & M.R.
3/95 (Northeastern Region) S.R.O.

A-1

CL 4314 Part 1 S.R.O.
DE 158
GH 188

LEGEND

PATENTED LAND
PATENTED FOR SURFACE RIGHTS ONLY
LEASE
LICENSE OF OCCUPATION
CROWN LAND SALES
LOCATED LAND
CANCELLED
MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
HIGHWAY & ROUTE NO.
ROADS
TRAILS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES
ORIGINAL SHORELINE

* used only with summer resort locations or

TOWNSHIP OF

RATHBUN

DISTRICT OF SUDBURY

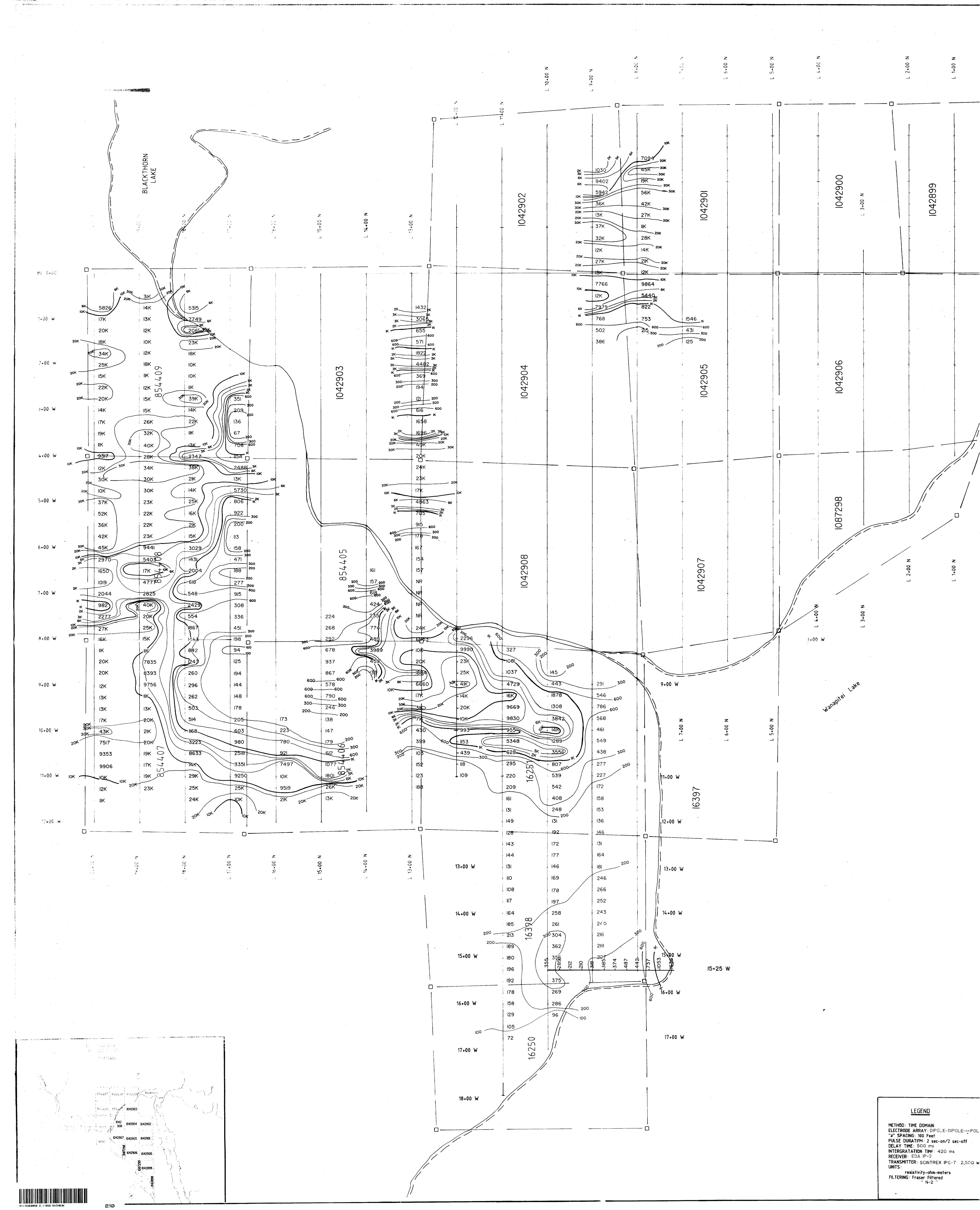
SUDBURY MINING DIVISION

SCALE: 1 INCH = 40 CHAINS (1/2 MILE)

DR. D.T.
DATE APR /72

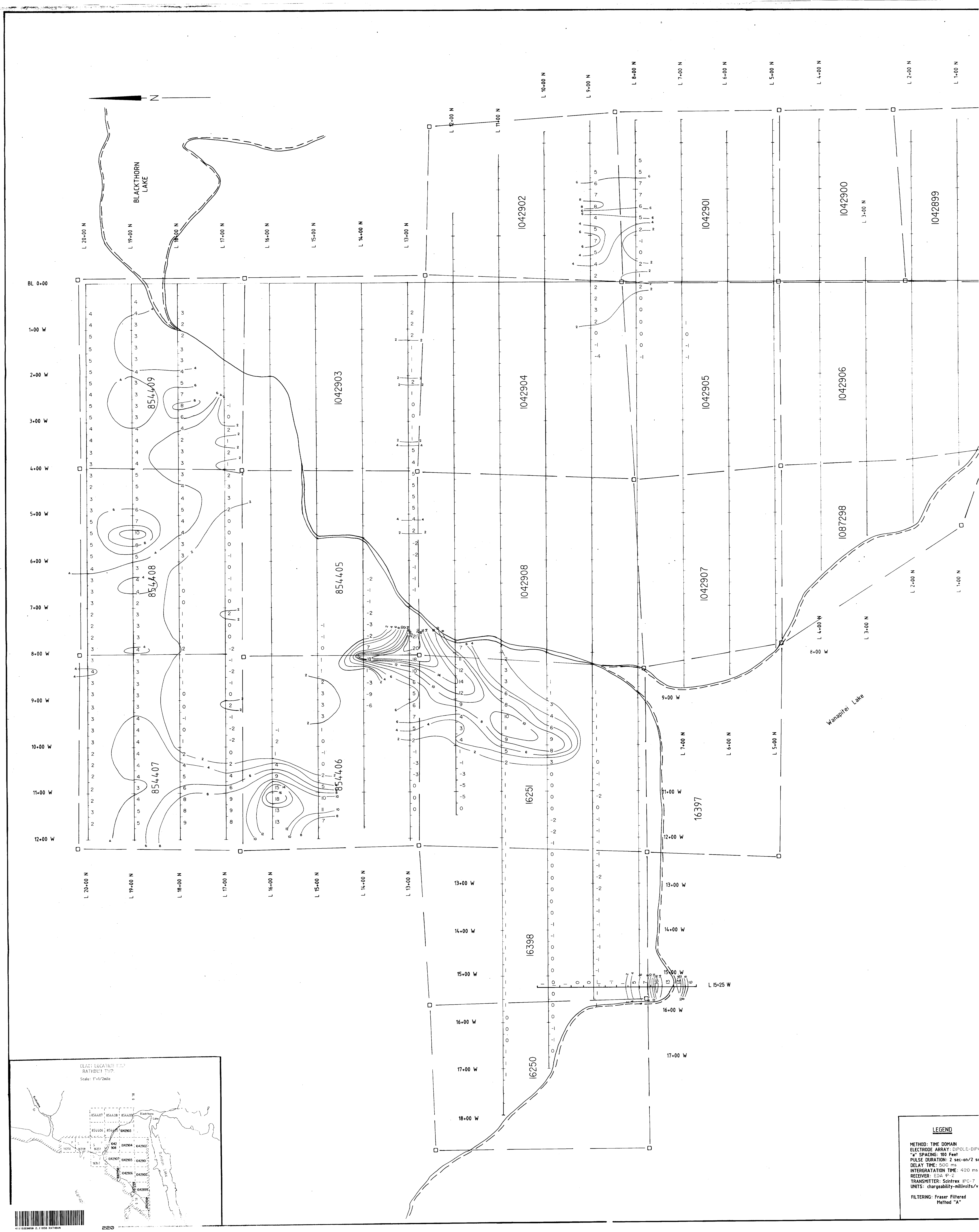
PLAN NO. M.1071

ONTARIO
MINISTRY OF NATURAL RESOURCES



BLACKTHORN LAKE
Wanapitei Lake
1042902
1042901
1042900
1042899
1042903
1042904
1042905
1042906
854409
854405
1042908
1042907
1087298
854407
16251
16397
16398
16250
15+25 W
LEGEND
METHOD: TIME DOMAIN
ELECTRODE ARRAY: DIPOLE-DIPOLE---POL
"a" SPACING: 100 Feet
PULSE DURATION: 2 sec-on/2 sec-off
DELAY TIME: 500 ms
INTERGRATATION TIME: 420 ms
RECEIVER: EDA IP-2
TRANSMITTER: SCINTREX IPC-7 2,500 w
UNITS:
resistivity-ohm-meters
FILTERING: Fraser Filtered
" N-2 "

210



N
BLACKTHORN LAKE
Wanapitei Lake
BL 0+00
1+00 W
2+00 W
3+00 W
4+00 W
5+00 W
6+00 W
7+00 W
8+00 W
9+00 W
10+00 W
11+00 W
12+00 W
13+00 W
14+00 W
15+00 W
16+00 W
17+00 W
18+00 W
L 20+00 N
L 19+00 N
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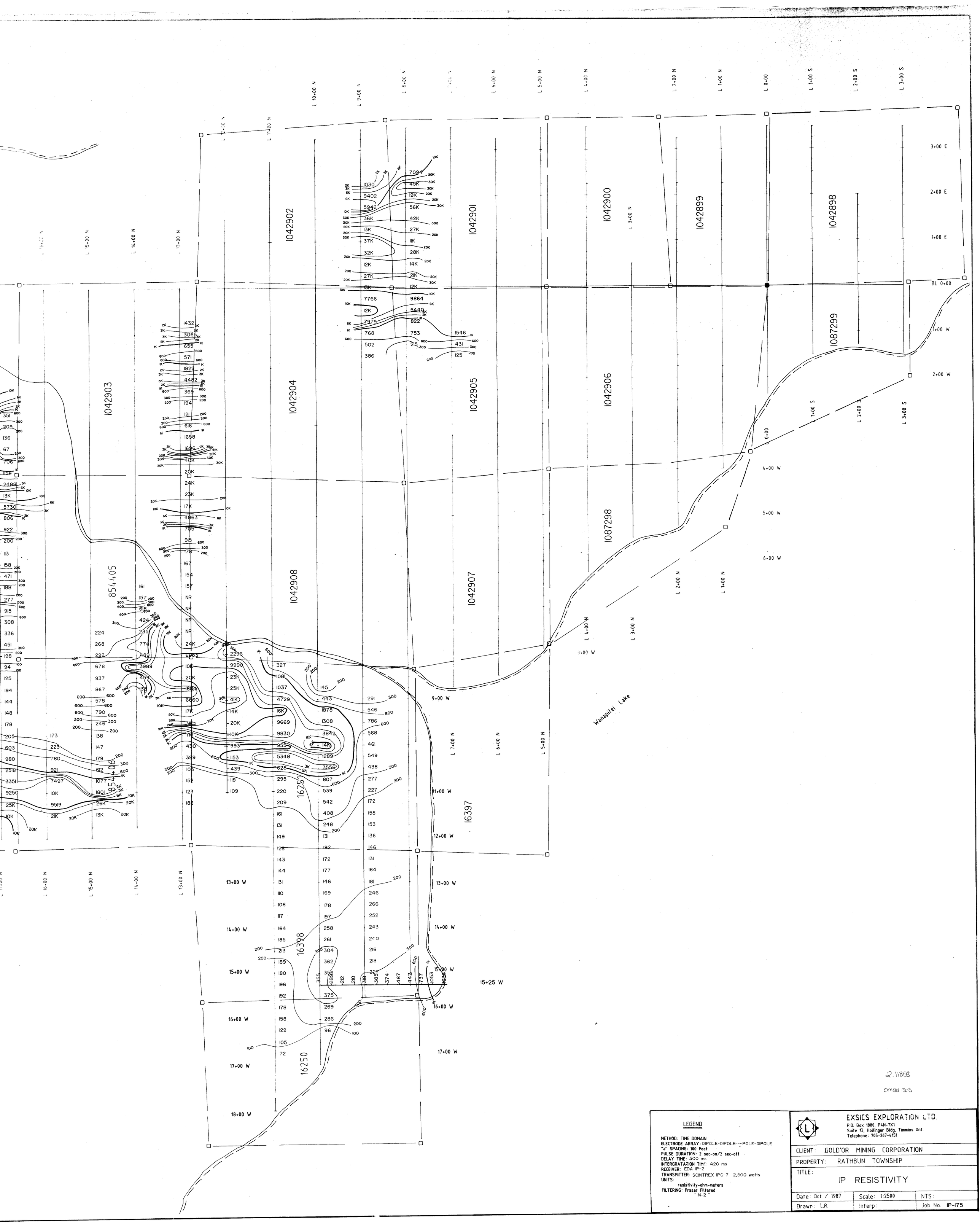
L 12+00 N
L 11+00 N
L 10+00 N
L 9+00 N
L 8+00 N
L 7+00 N
L 6+00 N
L 5+00 N
L 4+00 N
L 3+00 N
L 2+00 N
L 1+00 N
L 15+25 W
854409
854408
854407
854406
854405
1042903
1042902
1042904
1042908
1042901
1042905
1042907
1042900
1042906
1087298
1042899
16251
16397
16398
16250
LEGEND
METHOD: TIME DOMAIN
ELECTRODE ARRAY: DIPOLE-DIP
"a" SPACING: 100 Feet
PULSE DURATION: 2 sec-on/2 s
DELAY TIME: 500 ms
INTERGRATATION TIME: 420 ms
RECEIVER: EDA IP-2
TRANSMITTER: Scintrex IPC-7
UNITS: chargeability-millivolts/v
FILTERING: Fraser Filtered Method "A"



2.11858

OM88-303

LEGEND

METHOD: TIME DOMAIN
ELECTRODE ARRAY: DIPOLE-DIPOLE--POLE-DIPOLE
"a" SPACING: 100 Feet
PULSE DURATION: 2 sec-on/2 sec-off
DELAY TIME: 500 ms
INTERGRATATION TIME: 420 ms
RECEIVER: EDA IP-2
TRANSMITTER: SCINTREX IPC-7 2,500 watts
UNITS:
resistivity-ohm-meters
FILTERING: Fraser Filtered
" N-2 "

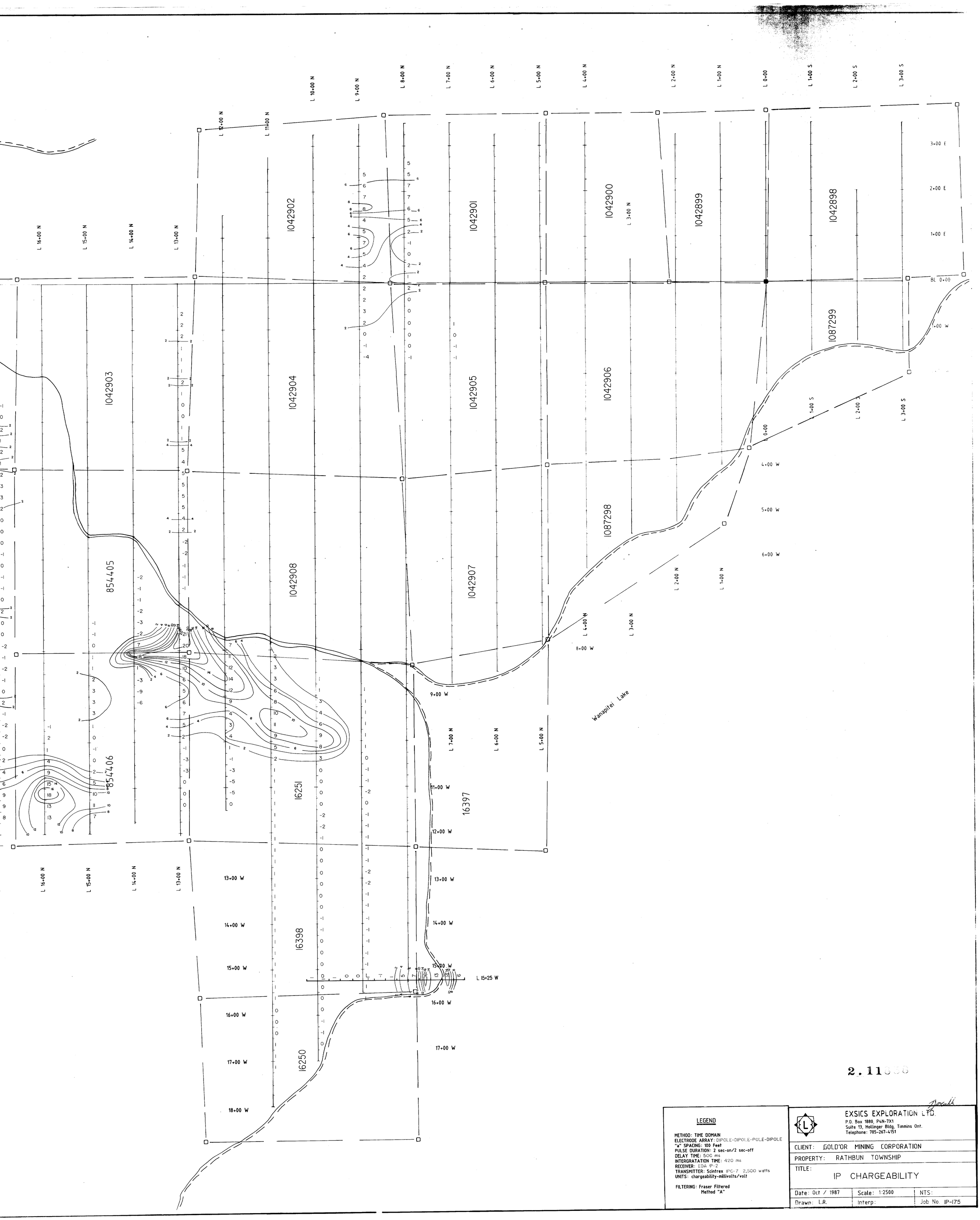
EXSICS EXPLORATION LTD.
P.O. Box 1880, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: GOLD'OR MINING CORPORATION

PROPERTY: RATHBUN TOWNSHIP

TITLE:
IP RESISTIVITY

Date: Oct / 1987	Scale: 1:2500	NTS:
Drawn: L.R.	Interp:	Job No. IP-175



LEGEND

METHOD: TIME DOMAIN
ELECTRODE ARRAY: DIPOLE-DIPOLE-POLE-DIPOLE
"a" SPACING: 100 Feet
PULSE DURATION: 2 sec-on/2 sec-off
DELAY TIME: 500 ms
INTERGRATATION TIME: 420 ms
RECEIVER: EDA IP-2
TRANSMITTER: Scintrex IPC-7 2,500 watts
UNITS: chargeability-millivolts/volt

FILTERING: Fraser Filtered
Method "A"

EXSICS EXPLORATION LTD.
P.O. Box 1880, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: GOLD'OR MINING CORPORATION

PROPERTY: RATHBUN TOWNSHIP

TITLE:
IP CHARGEABILITY

Date: Oct / 1987	Scale: 1:2500	NTS:
Drawn: L.R.	Interp:	Job No. IP-175

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