GEOPHYSICAL REPORT
FOR
PENTLAND FIRTH
ON THE
CARR PROPERTY
CARR TOWNSHIP
LARDER LAKE MINING DIVISION
NORTHEASTERN ONTARIO

Prepared by: John C. Grant
CET FGAC

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INTRODUCTION

The services of Exsics Exploration Limited were retained by Pentland Firth Ventures Ltd. for the purpose of cutting a detailed grid on a block of claims located in Carr Township of the Larder Lake Mining Division of Northeastern Ontario. This cut grid was then to be read by a ground geophysical program.

The purpose of this program was to locate and outline favourable structure which could host economical gold horizons.

The linecutting program commenced on September 2, 1994 with the ground geophysical program completed by October 14, 1994.

PROPERTY LOCATION AND ACCESS

The Pentland Firth property is located in the central north section of Carr Township of the Larder Lake Mining Division of Northeastern Ontario. More specifically it is situated approximately 5 kilometers north of the Town of Matheson which is situated on Highway 101. Matheson is aproximately 60 Kilometers east of Timmins, Ontario. The entire block represents most of Concession V, Lots 5, 6, 7, 8, 9 10, 11 as well as parts of Concession IV and Vl Lots 6, 7 and 8 of Carr Township. Refer to Figures 1 and 2.

Access to the property during the program was ideal. Highway 101 east travels through Matheson and continues east to the Quebec border. Following Highway 101, east from Matheson will bring one to the junction of a good gravel road travelling north between lots 4 and 5 which provides two wheel access to the east boundary of the property. Two old ingress roads which represent the boundaries between Concessions III and IV and V and VI will provide ATV access to most parts of the survey grid. Refer to Figures 2 and 3.

CLAIM BLOCK

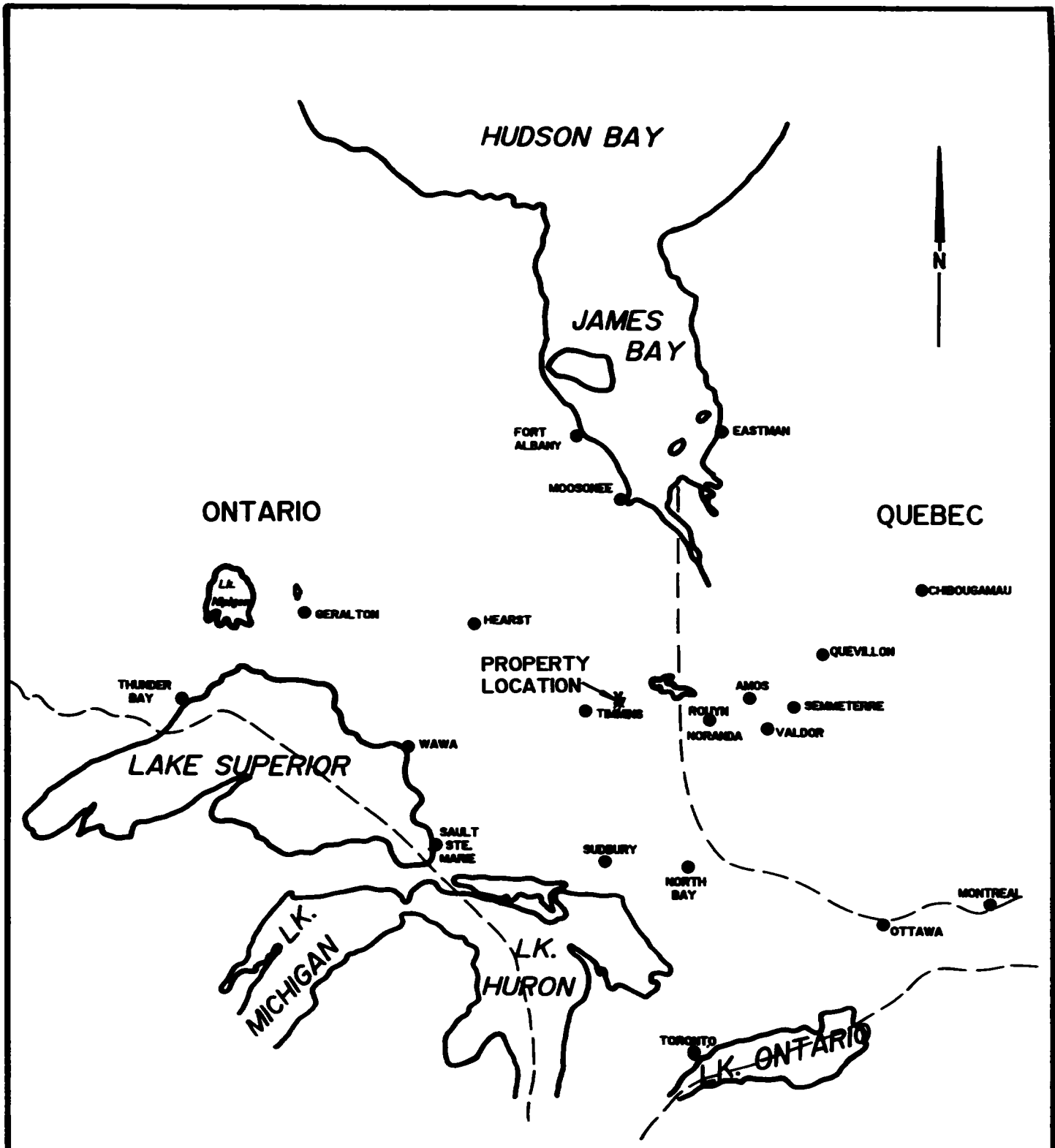
The claim units which make up the Carr Property are outlined on Figure 3 of this report.

PERSONNEL

The field crew directly involved with collecting all of the raw data are as follows:

Richard Mathieu	Operator	Timmins, Ontario
Robin Mathie	Assistant	Timmins, Ontario
Frank Dimarco	Helper	Timmins, Ontario
Lance Tipler	Helper	Timmins, Ontario

All of the work was completed under the direct supervision of J. C. Grant. Drafting and computer compilation was handled by P. Gauthier.



EXSICS EXPLORATION LTD.
P.O. Box 1000, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

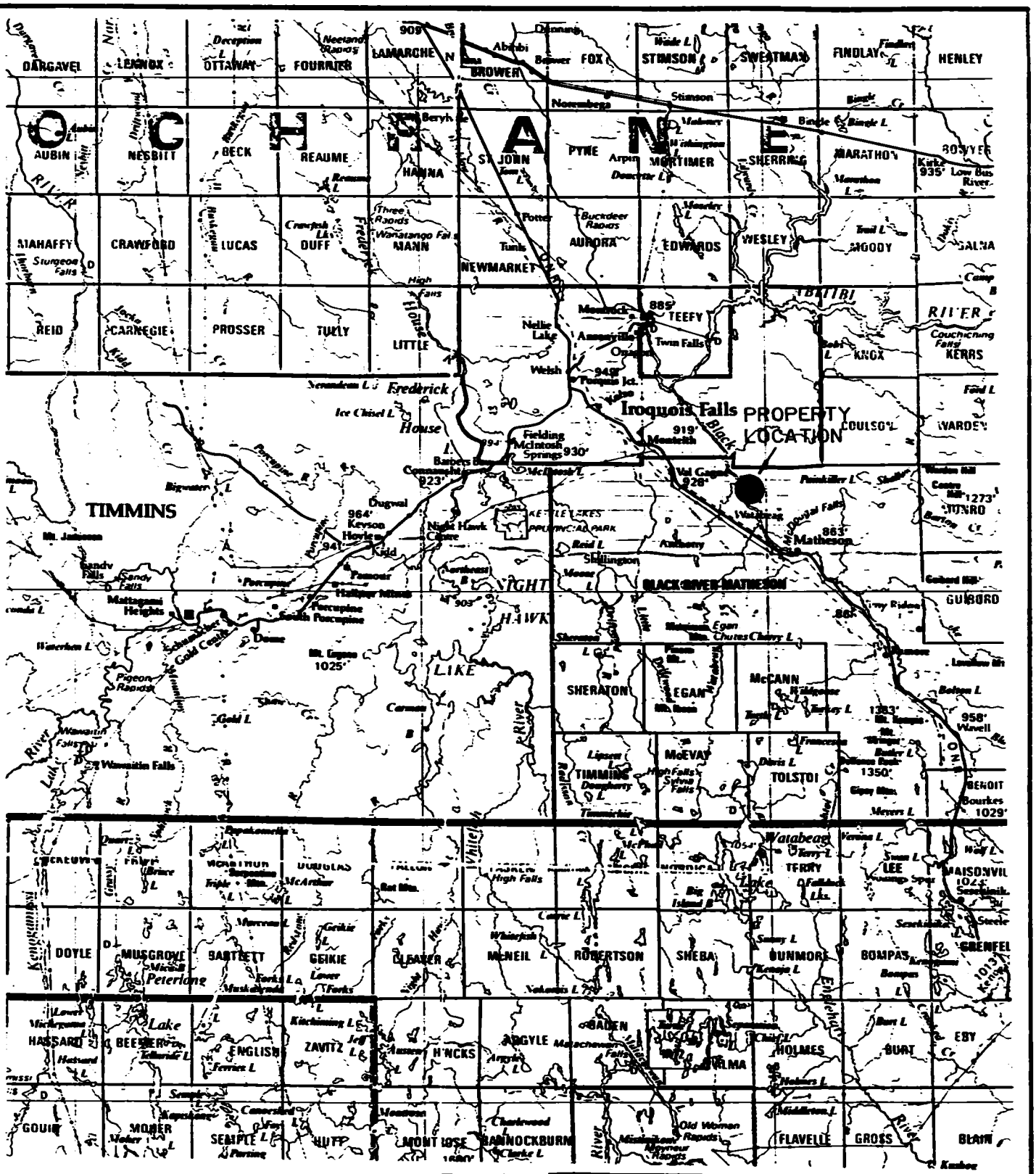
CLIENT: PENTLAND FIRTH VENTURES LTD.

PROPERTY: CARR TWP. PROPERTY

TITLE: LOCATION MAP

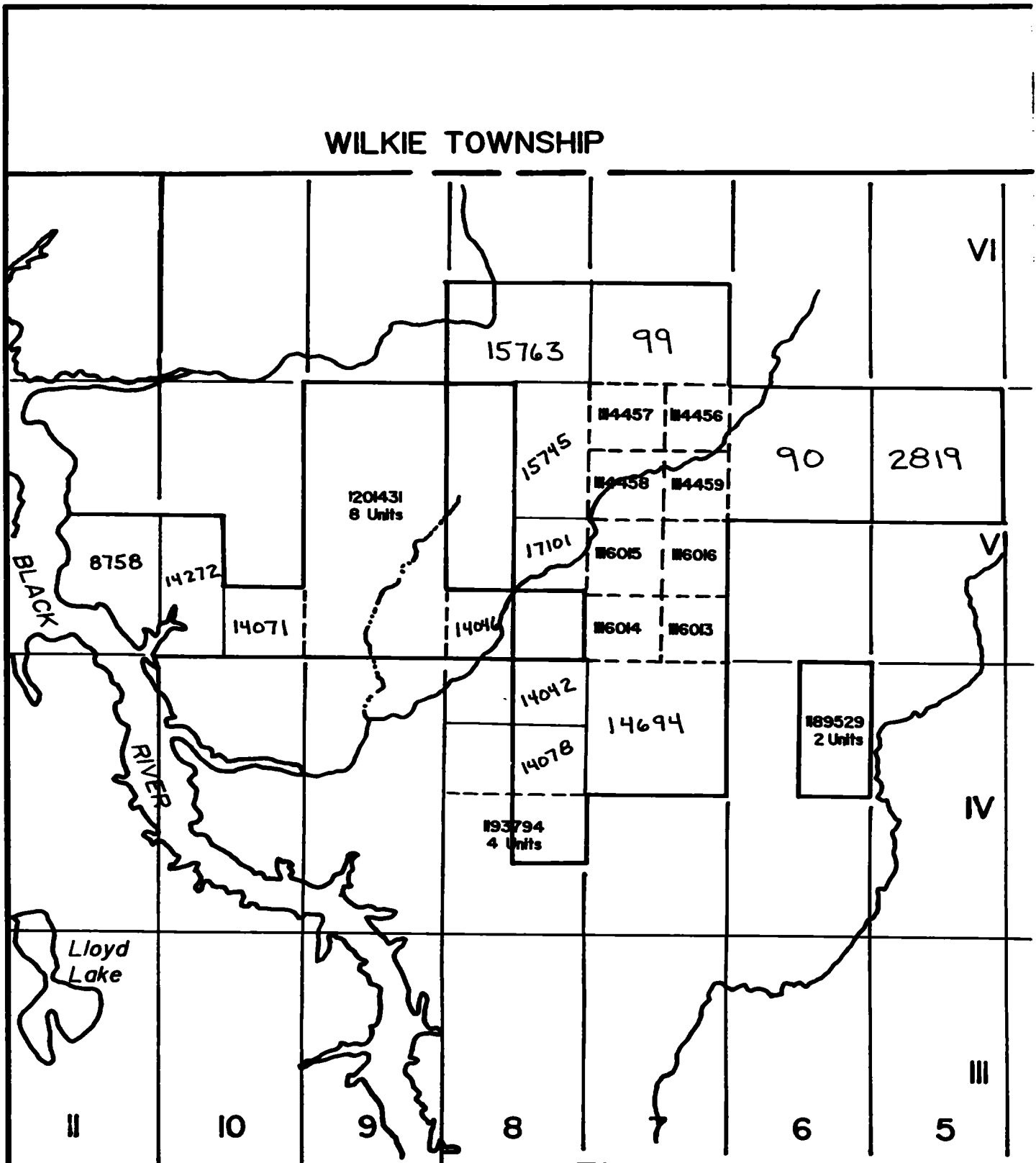
Fig. 1

Date: Oct. 1994	Scale: 1"=125miles	NTS:
Drawn: P.G.	Interp: J.C. Grant	Job No. E-66



EXSICS EXPLORATION LTD.
P.O. Box 1000, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: PENTLAND FIRTH VENTURES LTD.		
PROPERTY: CARR TWP. PROPERTY		
TITLE: PROPERTY LOCATION Fig. 2		
Date: Oct. 1994	Scale: 1:600,000	NTS:
Drawn:	Interp: J.C. Grant	Job No. E-66



EXSICS EXPLORATION LTD.
P.O. Box 1988, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT: PENTLAND FIRTH VENTURES LTD.

PROPERTY: CARR TWP. PROPERTY

TITLE: CLAIM SKETCH

Fig. 3

Date: Oct. 1994	Scale: 1"=1/2mile	NTS:
Drawn: P.G.	Interp: J.C. Grant	Job No. E-66

LINECUTTING PROGRAM

The linecutting program consisted of a detail metric grid being cut across the property using a 100 meter line spacing and 25 meter station interval. A series of east-west baselines and tie lines were first established which would then control the positioning and accuracy of the cross lines.

All pickets on the grid have been marked with aluminum tags for future reference. In all, a total of 101.3 Km of grid lines were established.

GEOPHYSICAL PROGRAM

This program consisted of a detailed Total Field Magnetic Survey which was completed over all of the newly cut grid. Sections of the grid were also followed up with an Induced Polarization, (IP) Survey.

MAGNETIC SURVEY

This survey was completed using the EDA OMNI IV System. Specifications for this unit can be found as Appendix A of this report.

The following parameters were kept constant throughout the survey period.

Linespacing	-100 meter
Station Reading Interval	-12.5 meter
Diurnal Correction Method	-Basestation Recorder
Base Station Record Interval	-30 seconds
Reference Field	-58,050 gammas
Datum Substraction	-57,500 gammas
Unit Accuracy	- +/- 0.5 gammas
Contour Interval	-10 gammas

The collected data has been corrected for Duirnal variations and has then had a base level of 57,500 gammas subtracted for ease in plotting purposes only.

The data was then plotted into a base map and contoured. Colour contours of the magnetic data have also been completed.

The contoured black and white magnetic map has been included in the back pocket of this report.

IP SURVEY

This survey was completed using the EDA IP-4 Receiver and the Scintrex IPC-7 2.5 KW Transmitter System. Specifications for these units can be found as Appendix B of this report.

The following parameters were kept constant throughout the

The following parameters were kept constant throughout the survey period.

Method:	-Time Domain
Electrode Array:	-Dipole - Dipole
	-N=1-6
	-a=50 meter
Receiver:	-BGRM IP4
Transmitter:	-Scintrex IPC-7 2.5 Kw
Pulse Time:	-2 seconds on; 2 seconds off
Delay Time:	-500MS
Integration Time:	-420MS

The IP data has been presented as single line psuedo sections in black and white and are included as pull outs in this report. These pseudo sections are contours of the apparent resistivity and chargeabilities recorded. Colour pseudo sections as well as a colour plan map have also been completed for each line read.

A typical signature for many gold showings would be a chargeability high, resistivity high and magnetic low. This would be characteristic of a mineralized, altered carbonatized and/or silicified zone. A chargeability high, resistivity low usually suggest a conductive mineralized zone. However, it could also suggest an intrusive of less resistant rock types.

These are by no means the only geological setting for gold or conductive mineralization. Therefore, all IP targets should be correlated with all available geophysical and geological data before they are eliminated.

SURVEY RESULTS

IP Survey

The IP Survey results are presented in the form of contoured pseudo-sections, at 1:5000, of the measured apparent resistivities and chargeabilities for the various "N" levels. These pseudo-sections will also show the interpretation of the IP anomolies.

The resistivity measurements at N=4 are also presented in the form of a contoured map at 1:5000 which will also include the position of the IP anomalies.

The IP trends have been joined together which may constitute possible mineralized lithological units.

Magnetic Survey Results:

The results of the magnetic survey indicate that there are a number of structural trends across the survey area.

Certainly the most predominant structures are the north to northwest strike diabase dikes which probably represent the Matachewan series which are well documented to the south and north of the survey area as well as in several locations on the grid. These dikes are represented by a magnetic signature ranging from 150 to 200 gammas above the apparent background level. They appear as long tear drop contours with typical bullseyes where they may come closer to surface.

There are 7 of these dikes present on the property. West to east they parallel lines 1700ME southend, 1900ME to 2100ME striking north-northwest. This dike shows minor slumping on its northern extension suggesting east-west cross structure.

The third dike location is situated between lines 3400ME and 4000ME. This dike appears to split into two seperate dikes south to north. Again both northern extensions especially in the vicinity of lines 3700ME and 3800ME and approximately 2900MN to 3100MN, show evidence of east-west cross structure as the dikes slump to the east. Minor cross structure many also be evident in the vicinity of lines 3900ME and 4000ME, 1600MN to 1700MN as again these dikes slump to the east.

Another dike appears to have been offset by a northwest striking fault structure cross cutting line 4600ME at 1150MN. The southern extension of this dike is evident on L4500ME south end. Slumping in the strike of the dike is also evident in the vicinity of line 4600ME, 2600MN to 2800MN again suggesting an east-west cross structure.

The last two dikes are well documented parallelling lines 5200ME and 5600ME.

The magnetic survey was also successful in locating 3 possible fault zones which more or less parallel the Matachewan series of dikes. Again west to east the first Fault Zone may lie along line 1850ME and 1900ME between 2400MN and 1600MN. It appears as a moderate magnetic low of about 100 gammas below background. A minor deflection in the fault's strike may represent cross structure.

The second Fault Zone strike northwest-southeast from L3200ME/3200MN to 4400ME/800MN. Again it relates to a magnetic low signature.

The third Fault Zone closely relates to the dike which parallels line 4600ME. It shows the same characteristics as the dike including the east slumping in the vicinity of 2700MN and 2850MN.

The magnetic survey also noted several areas of east-west slumping especially between lines 4000ME and 4800ME, 1550MN and 2200MN. These may relate to the Keweenawan dikes which have been documented on property to the south.

One of the more interesting structures outlined by the magnetic survey cuts across the majority of the grid.

Again from west to east it appears to strike northeast from Line 2100ME.1600MN to L3600ME/2850MN. It then appears to generally strike east across lines 4000ME to 4500ME/2900MN, where it has been distorted by the afore mentioned Fault Zone and dike. It then seems to strike east-southeast to line 5100ME the slightly to the east-northeast across lines 5700ME to 6700ME/2800MN. This may represent a major fault structure or a possible contact zone.

IP Survey Results:

The IP results discussed in this section will deal with the 1994 survey results as well as the IP surveys completed by Doug Londry and Remy Belanger.

The combined survey results located 9 possible units scattered across the property. Several moderate to weaker units were also noted. Each of the nine zones will be discussed futher.

IP Zone A:

This feature was first noticed by Belanger's survey completed in July 1993. The Fall 1994 survey showed a possible extension of this zone. The feature was noted on L2400ME and may in fact extend as far as L3600ME. Lambert's interpretation suggest this zone is sulphide related and the 1994 follow-up program indicated a moderate chargeability high and associated resistivity low on both L2400ME and 3600ME which would indicate sulphides are present.

The western extension of the zone appears to stop next to the suspected northeast striking fault zone.

IP Zone B:

Again the 1993 coverage suggested a sulphide source is present in the area of this IP response. The 1994 program noted a weak western extension of this zone on L2400ME/2725MN. It is represented by a weak chargeability high with north flanking resistivity low. This feature may extend as far as L3600ME/2925MN where a moderate IP chargeability high was noted. In fact, this zone may extend as far as 14500ME/3100MN and has been outlined by Londry's IP survey. The zone is represented by a chargeability high and moderate resistivity high suggesting that Zone B may relate to a silicified alteration zone with disseminated sulphides.

IP Zone C:

This feature was noted by the 1994 program and lies between lines 4200ME/1375MN and 4600ME/1550MN. It is represented by a moderate chargeabiltiy high and associated resistivity low suggesting a conductive zone or an intrusion of less resistive rock types.

The spreading of the zone along lines 4500ME and 4600ME may, in fact, be due to the presence of the interpreted fault zone.

IP Zone D:

This feature closely parallels the strike of Zone C and lies between lines 4300ME and 4600ME, 1250MN to 1175MN. It is represented by a moderate to strong chargeability high and associated moderate resistivity low on the eastern tip and south flanking resistivity low on the western extension. This may suggest it is a conductive zone possibly within a contact or shear zone trapped between the two interpreted fault zones.

IP Zone E:

This feature lies between lines 4000ME/950MN and 4200ME/1000MN but may extend to lines 4300ME and 4400ME, between 1100MN and 1090MN.

The zone is represented by a moderate to weak chargeability high and associated moderate to high resistivity. This may suggest an alteration zone with disseminate sulphides. However, it may also be indicative of the cross fault which may contain minor disseminated sulphides in fracture zones.

IP Zone F:

This feature lies between lines 5200ME/1300MN and 5600ME/1225MN. It is represented by a moderate to weak chargability high and moderate resistivity low. This may represent a narrow conductive zone.

IP Zone G:

This feature is represented by a moderate to high resistivity lying between lines 6400ME/2950MN and 5800ME/2900MN. It in fact may extend as far as line 5100ME/2850MN. The feature has a good chargeability high associated with the resistivity high on L5400ME/2800-2900MN as well as L6400ME-2700-2925MN.

This response on L6400ME may relate to culture as there is a good drivable road paralleling the line. Field inspection may explain the zone.

IP Zone H:

This feature lies between lines 4000ME and 4200ME at 2000 to 2050N. It was noted by Londry's survey and is represented by a moderate to weak chargebiltiy high and moderate resistivity high. This may be indicative of a mineralized alteration zone.

IP Zone I:

This feature was also noted by Londry's survey and lies between lines 4500ME/2375MN and 4000ME/2400ME. It is represented by a moderate chargeability high on the eastern extension and by a resistivity high on the western flank. This could suggest a possible weak alteration zone which becomes sulphide rich as it nears the location of the interpreted fault zone.

This feature may extend as far as 4600ME/2350MN as there is a good chargeability high, resistivity low situated on the west flank of the interpreted dike. The IP response is quite large along this line with moderate to high chargeabilities and moderate central resistivity low correlation. This could suggest a fracture zone, water filled or disseminate sulphide rich parallelling the west flank of the dike.

The multiple IP responses on Line 3600ME and Line 4800ME would have to be followed up further with additional lines on strike to better define their characteristics.

CONCLUSIONS AND RECOMMENDATIONS

The magnetic survey was useful in outlining a series of north-south dikes and several east-west dikes. It was also successful in locating and outlining a least 3 north to northwest fault zones which generally parallel the diabase dikes.

One of the more interesting cross structures noted in the property is what has been interpreted as a fault structure striking northeast to east from 2000ME to 6400ME. This zone appears as moderate to strong slumping in the magnetic contours as well as distortion in the north-south dikes and associated fault zones.

Another explanation for this structure would be a fault controlled contact zone.

IP Zone A appears to have been cross by this fault structure. IP Zone B and G appear to relate to the zone or north flank it suggesting it may represent a lithological unit which has been altered as it crosses the structure. It does appear to be conductive along its strike.

At this writing I would suggest that the following IP Zones be followed up further.

IP Zone A:

The structure should be tested by drilling as well as followed up further by extending lines 3300ME to 3500ME to the north.

IP Zone B:

This structure should also be tested by drilling and by further IP coverage on north extensions of lines 3300ME to 3500ME.

IP Zone C:

This feature should be followed up by drilling possibly along L4400ME.

IP Zone D:

This feature should also be followed up by drilling also along L4400ME.

IP Zone E:

This feature should be tested by drilling should Zone D return encouraging results.

IP Zone F:

This feature is considered a low priority at this time but should be considered in any follow-up porgram.

IP Zone G:

This unit should be considered for follow-up work once the response or L6400ME is investigated. The strike of the zone is in close proximity to the suspected fault controlled contact zone.

IP Zone H:

This feature should be followed up further possibly by drilling.

IP Zone I:

This feature should be followed up by drilling.

IP surveys should also be contemplated along TL3200MN and TL1600MN to better define the signatures of the north-south cross structures.

Should any of the zones return encouraging results and sulphides are present in the hole. Then a Mise-a-la- Mass Survey

may be contemplated for a better definition of the sources strike. Keep in mind, however, that the cross faulting may cause problems in structural continuity.

Respectfully Submitted,

John C. Grant.
CET FGAC

CERTIFICATE

I, John C. Grant, hereby certify that:

1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury, Campus. I have worked subsequentely as an Exploration Geophysicist for Teck Exploration Limited (5 years), North Bay office, and as Exploration Manager and Geophysicist for Exsics Exploration Limited from 1980 to present.

2) I am a Member of the Certified Engineering Technologist Association since 1984.

3) I am a member of the Geological Association of Canada.

4) I have been actively engaged in my profession for the last seveenteen (17) years, including all aspects of exploration studies, surveys and interpretations.

5) I have no specfic or special interest in the described property. I have been retained as a Consulting Geophysicist. for property appraisal.

John Charles Grant, CET, FGAC

APPENDIX A

IP-6 4
Six Dipole Time Domain IP Receiver

EDA

Major Benefits

- ~~Six~~ 4 Dipoles Simultaneously Measured
- Ten Windows Available
- Choice of Arithmetic or Logarithmic Window Width
- Programmable Arithmetic Window Width
- High Input Voltage
- Weighs Only 8.5 kg.
- User Friendly

EDA

Specifications

Dipoles	4 simultaneous input dipoles.
Input Voltage (Vp) Range	Standard: — 8 volt maximum for each dipole — maximum sum of 12 volts from the second to the sixth dipole. Additional Setting: — attenuation of up to 40 volts on the first dipole.
Input Voltage Protection	Up to 1000 volts.
Vp Resolution	1 microvolt.
Vp Accuracy	0.3% typical; maximum 1% over temperature range.
Chargeability Resolution	1 millivolt/volt for Vp greater than 10 millivolts. 0.1 millivolt/volt for Vp greater than 100 millivolts.
Chargeability Accuracy	0.6% typical; maximum 2% for Vp greater than 10 millivolts over temperature range.
Automatic SP Compensation	±1 volt with linear drift correction up to 1 millivolt/second.
Input Impedance	10 megohm.
Sample Rate	10 milliseconds.
Automatic Stacking	1 to 999 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	0.1 to 128 kilo-ohms.
Compatible Transmitters	Any time domain waveform transmitter with a pulse duration of 1, 2, 4 or 8 seconds and a crystal timing stability of 100 ppm.
Programmable Parameters	Geometric parameters, time parameter, intensity of current, type of array, line and station number, dipole length, window width and delay time (mode 2).
Display	Two-line, 40-character alphanumeric liquid crystal display protected by an internal heater for low temperature conditions.
Memory Capacity	1800 sets of readings.
RS-232C Serial I/O Interface	300 to 19,200 baud rate; 7 or 8 data bits; 1 or 2 stop bits; odd, even, no parity.
Console Power Supply	Six - 1.5V "D" cell alkaline batteries with auto power save feature; 20 hours of operation at 20°C.
Operating Environmental Range	−40°C to +60°C; 0 to 100% relative humidity; weatherproof.
Weight and Dimensions	8.5 kg. (with batteries), 300 x 200 x 240 mm.
Standard System Complement	Instrument console with carrying strap, batteries, data transfer cable and operations manual.
Displayed Parameters	Primary voltage, partial and total decimalized chargeabilities, running and cumulative average of total chargeabilities (in fixed modes), standard deviation of primary voltage and total chargeability, self potential, number of cycles, dipole being measured and contact resistance.
Available Options	Stainless steel transmitting electrodes, copper sulphate receiving electrodes, alligator clips, bridge leads, multi dipole wire cable, wire spools and software programs.

EDA Instruments Inc.
4 Thorncliffe Park Drive
Toronto, Ontario
Canada M4H 1H1
Telex: 06 23222 EDA TOR
Cable: EDAINSTRMTS TORONTO
Telephone: (416) 425 7800
Fax: (416) 425 8135

In USA
EDA Instruments Inc.
9200 E. Mineral Avenue
Suite 370
Englewood, Colorado, U.S.A. 80112
Telephone: (303) 790 2541
Fax: (303) 790 2902

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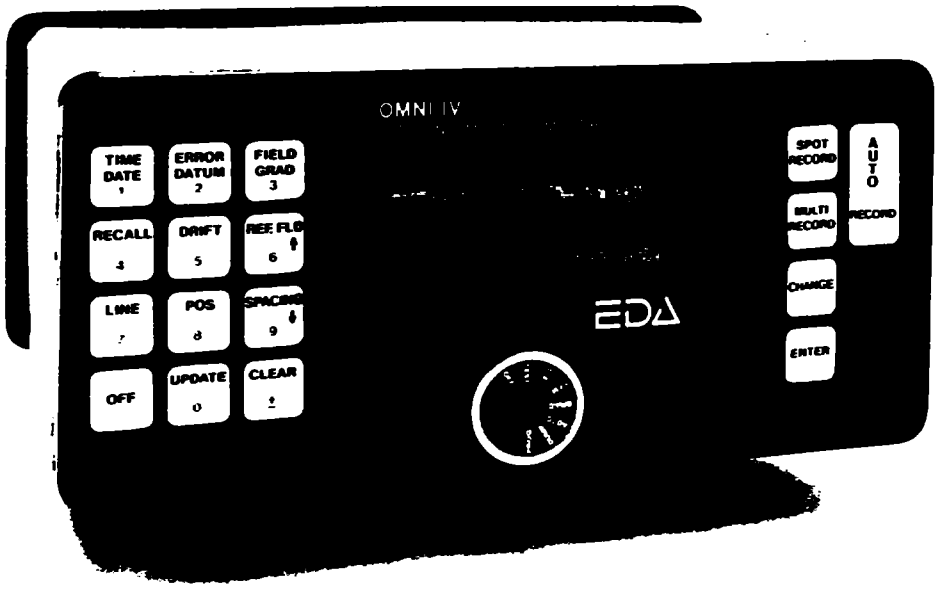
APPENDIX B

OMNI IV
"In-Line" Magnetometer

EDA



Four Magnetometers in One

Self Correcting for Diurnal Variations

Reduced Instrumentation Requirements

25% Weight Reduction

User Friendly Keypad Operation

Universal Computer Interface

Comprehensive Software Packages

Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	± 15% relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from –40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	–40°C to +55°C; 0–100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

E D A Instruments Inc.
4 Thorncliffe Park Drive
Toronto, Ontario
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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

IPC Time Domain Induced Polarization/ Resistivity Transmitters

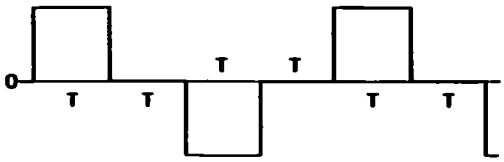
The Scintrex IPC Series of Time Domain Transmitters was designed for operation with the IPR-8, IPR-10 and RDC-8 Receivers. Three models are available, rated at 250W, 2.5kW and 15kW which are designated the IPC-8/250W, IPC-7/2.5kW and IPC-7/15kW respectively. While the IPC-8/250W is powered from internal,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

Since the IPC-8/250W 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.

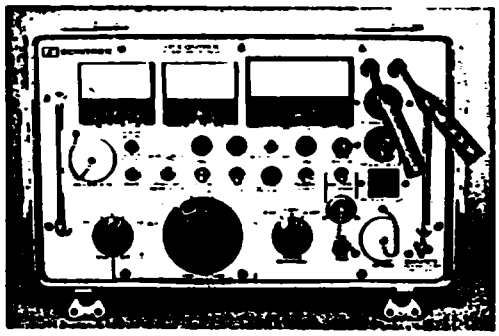
The IPC-7/2.5kW Model is an all purpose, medium power system. It is the standard power transmitter used on most surveys under a wide variety of geophysical, topographical and climatic conditions.

The IPC-7/15kW 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.

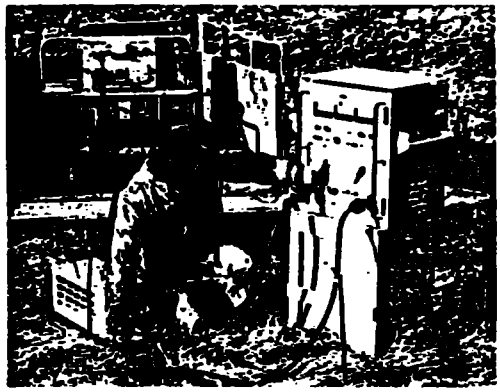
The two higher powered transmitters feature overload and underload protection circuits and other safety features.



Time domain waveform output by IPC Series transmitters. T normally equals 2, 4 or 8 seconds although other timings are available optionally.



IPC-8/250W



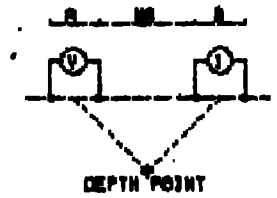
Typical IPC-7/15 kW field set-up with motor-generator set, control unit and dummy load.

IPC-7/2.5 kW

LINE : 1800 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



N = 1. 2. 3. 4. ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

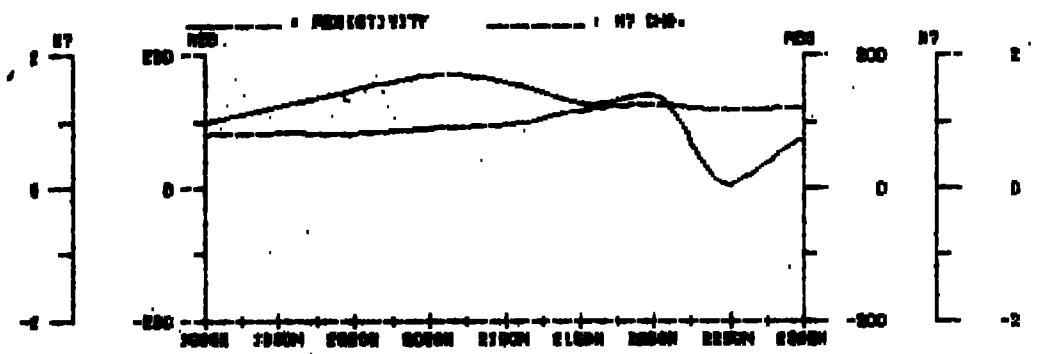
CARR PROJECT

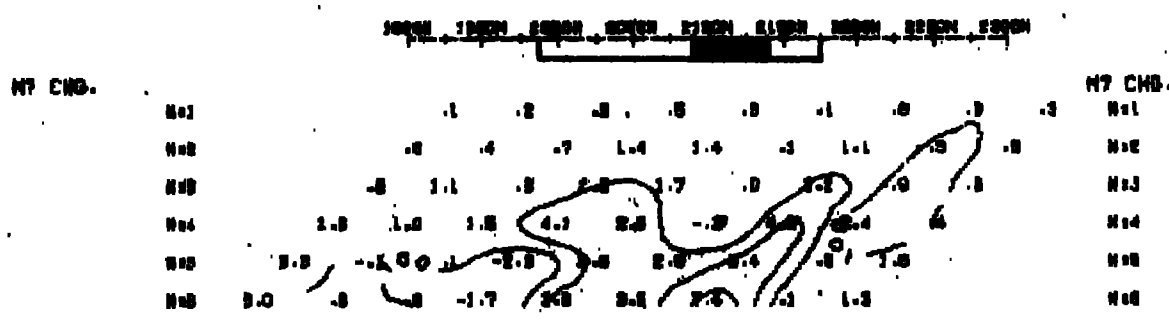
CARR TOWNSHIP

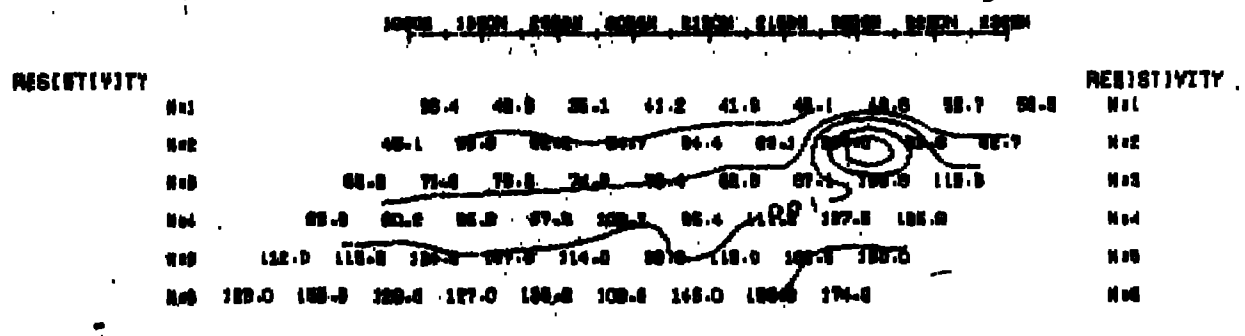
DATE : 11/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



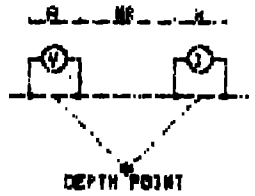




LINE : 2000 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

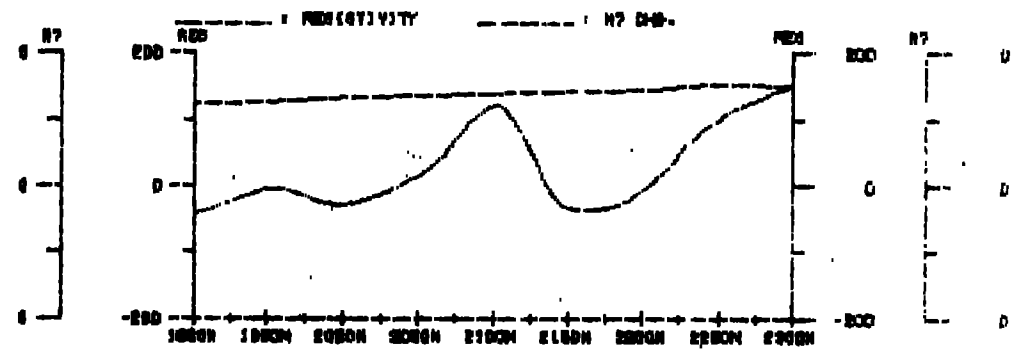
CARR PROJECT

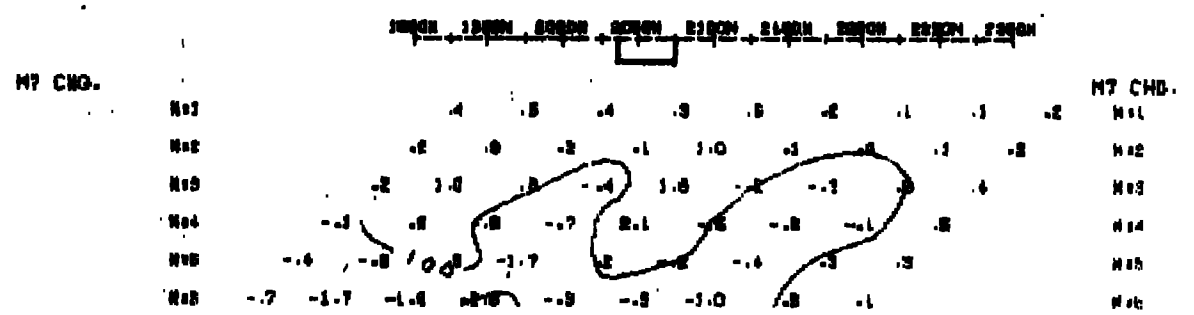
CARR TOWNSHIP

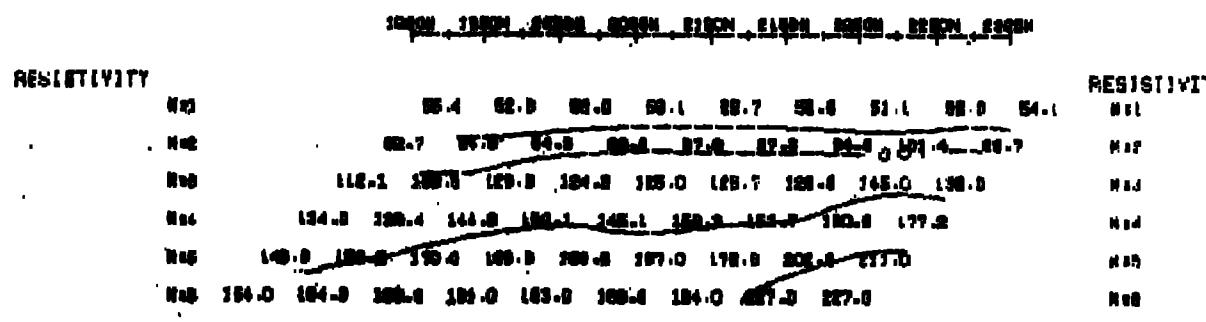
DATE : 11/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



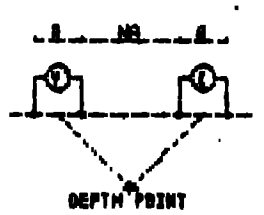




LINE : 2400 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

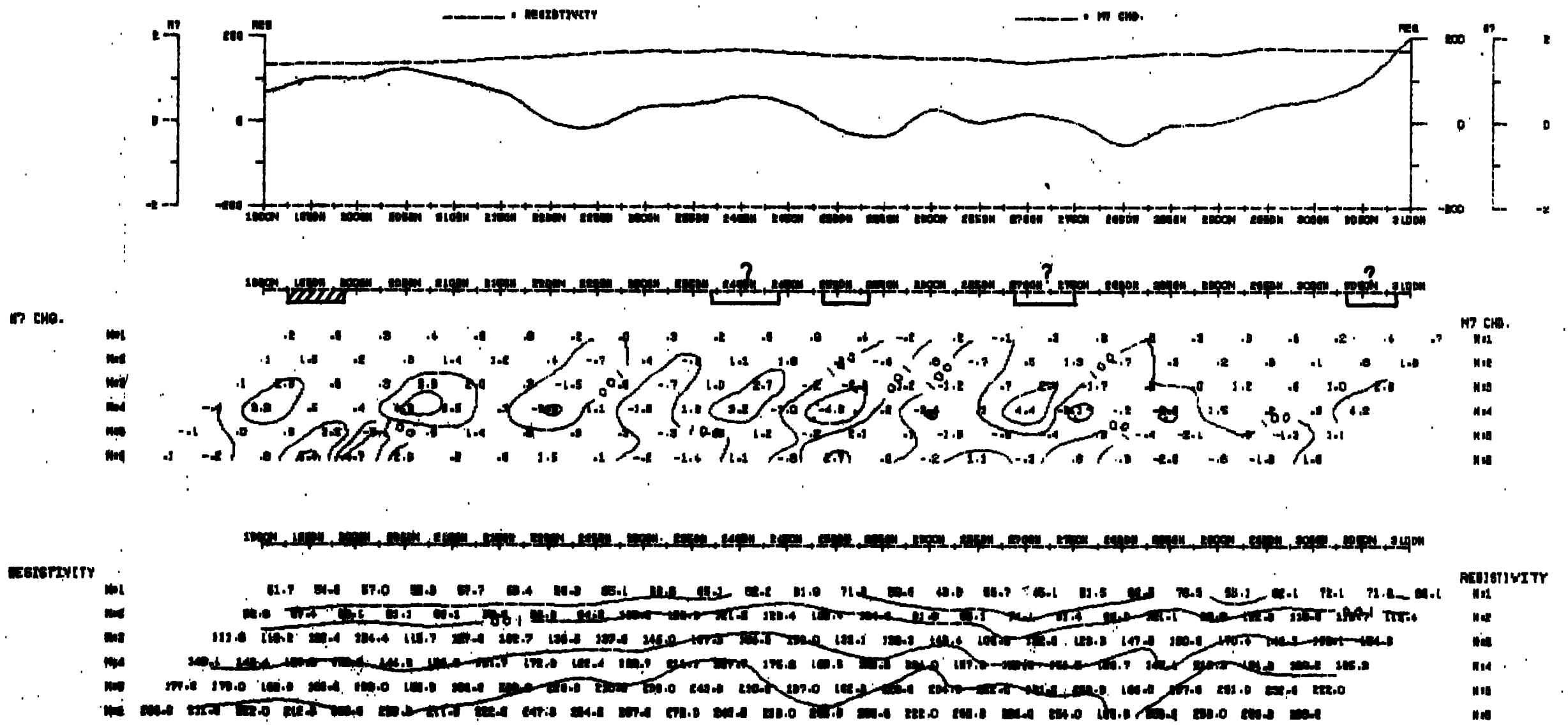
CARR PROJECT

CARR TOWNSHIP

DATE : 11/11/94 | REF :

SCALE = 1: 5000

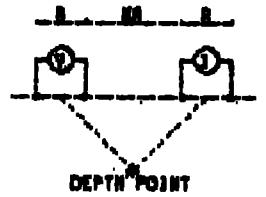
EXSICS EXPLORATION LTD



LINE : 3600 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

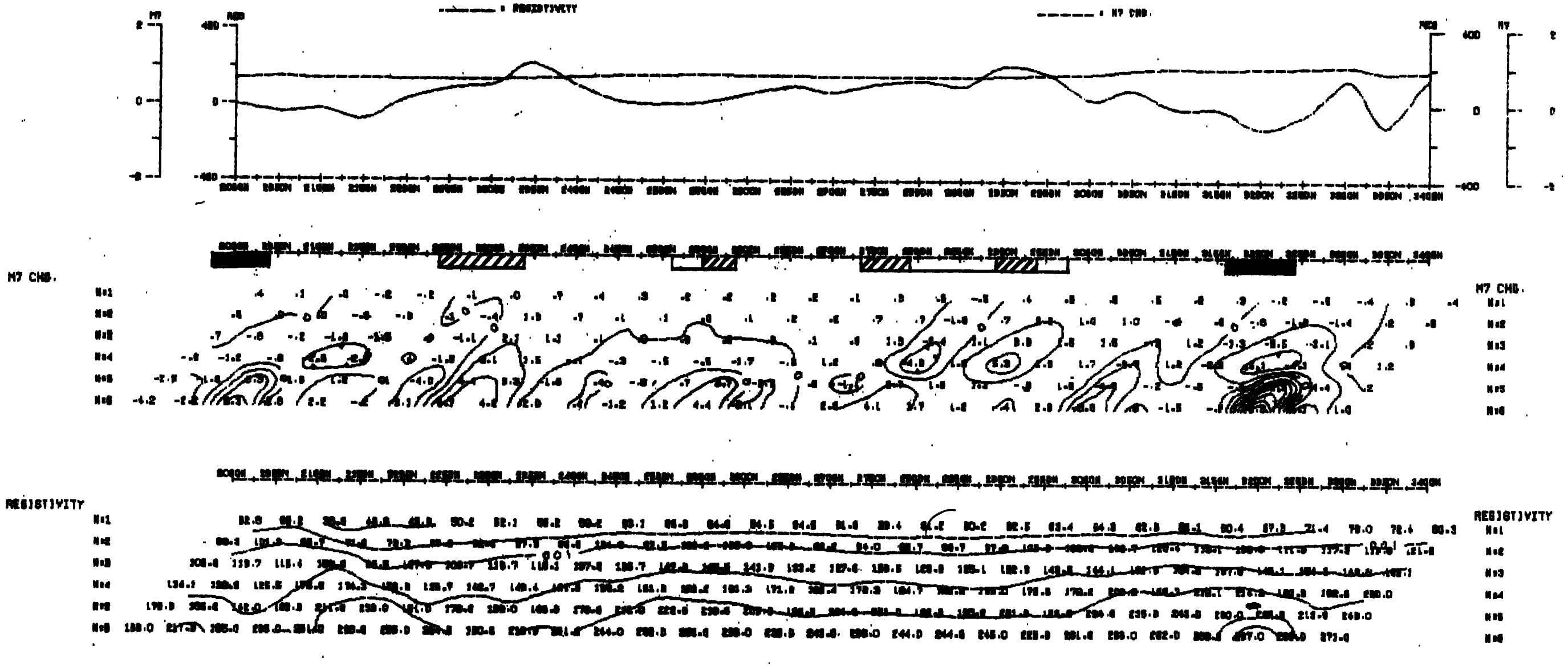
CARR PROJECT

CARR TOWNSHIP

DATE : 11/11/94 | REF :

SCALE = 1: 5000

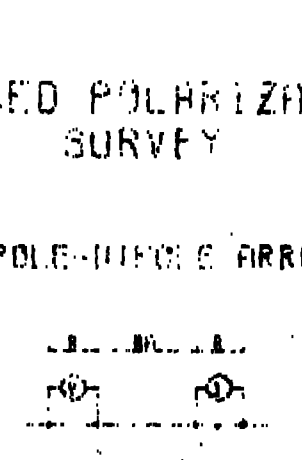
EXSICS EXPLORATION LTD



LINE : 3700 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4,
FOR SPACING = 50.0 METRES

[illegible]

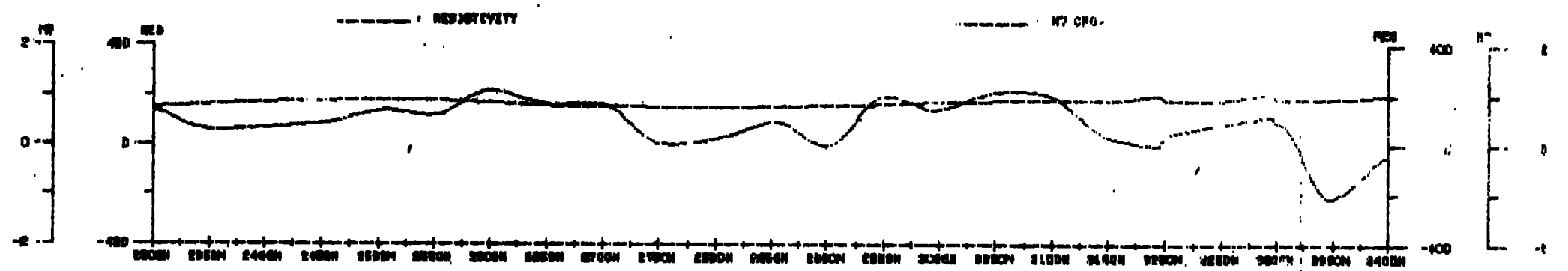
CAMP PROJECT

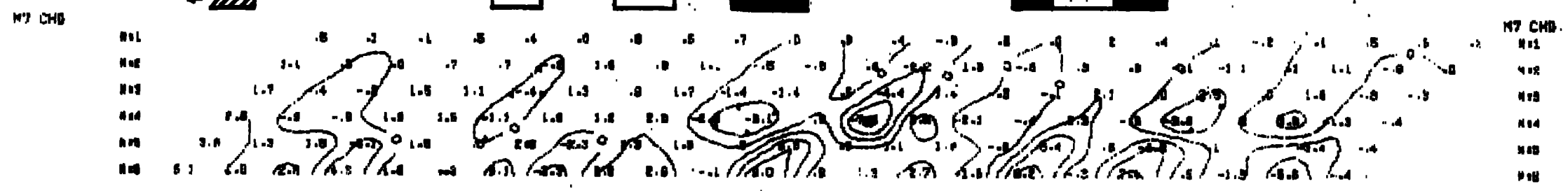
CAPR TOWNSHIP

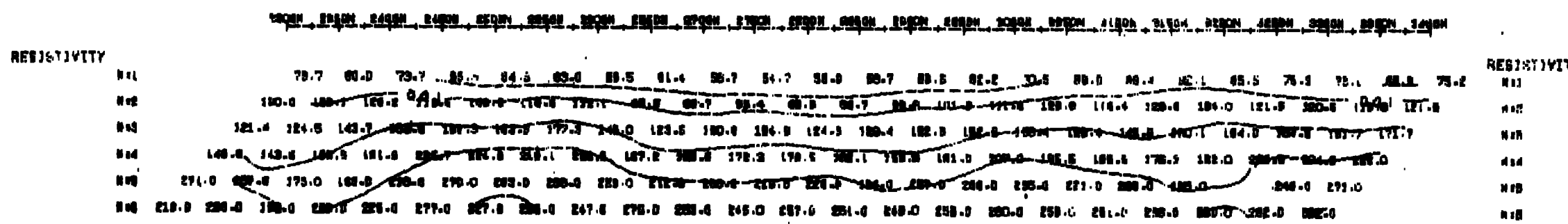
DATE : 11/11/94 | REF :

SCALE : 1: 5000

EXSICS EXPLORATION LTD



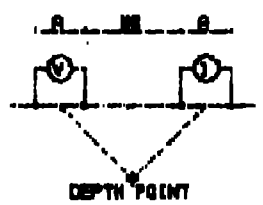




LINE : 3800 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

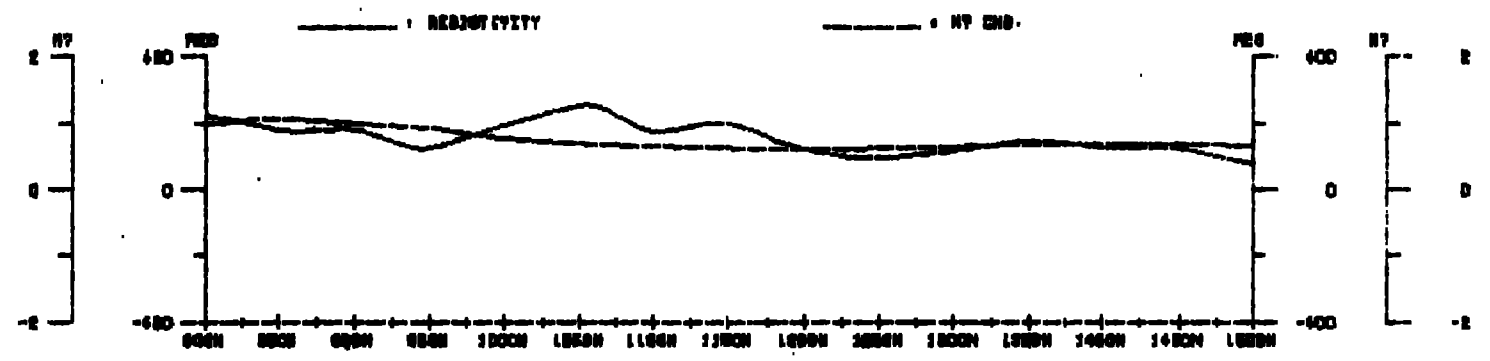
CARR PROJECT

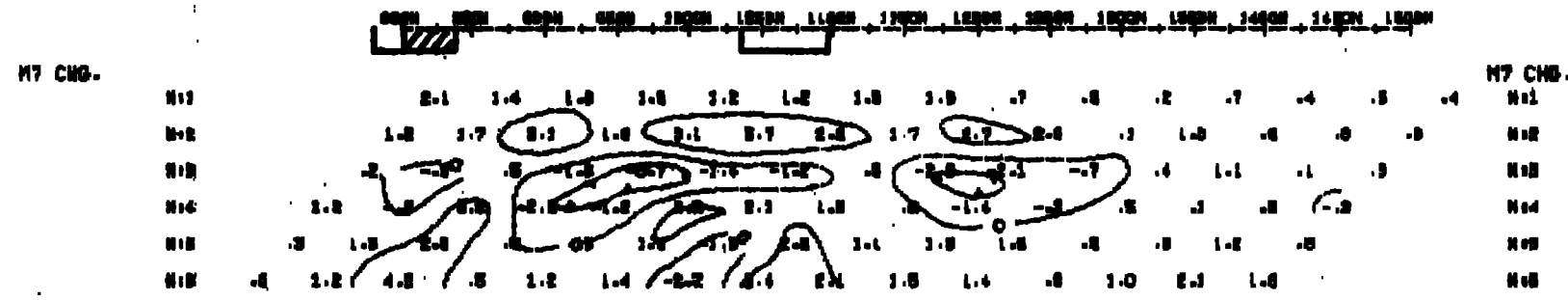
CARR TOWNSHIP

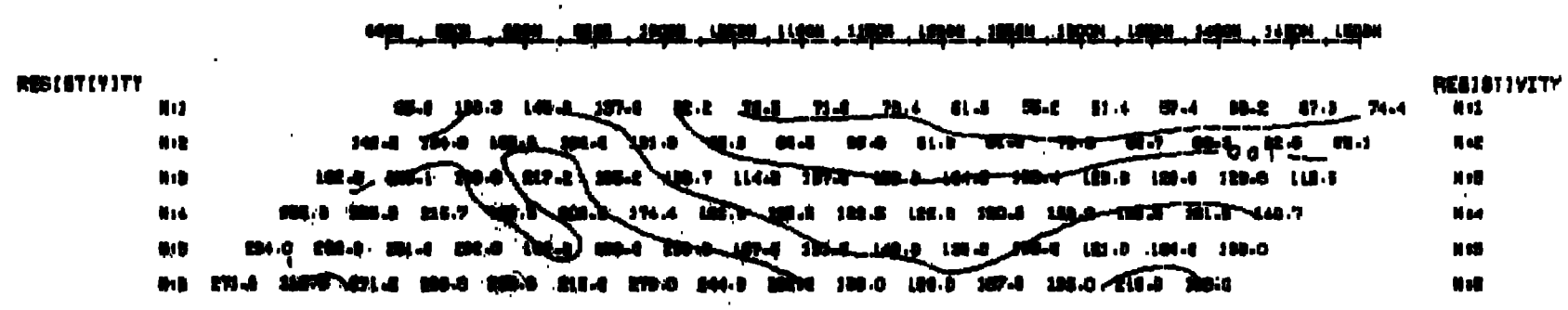
DATE : 12/11/84 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



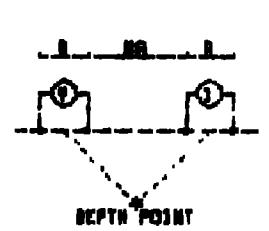




LINE : 3900 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

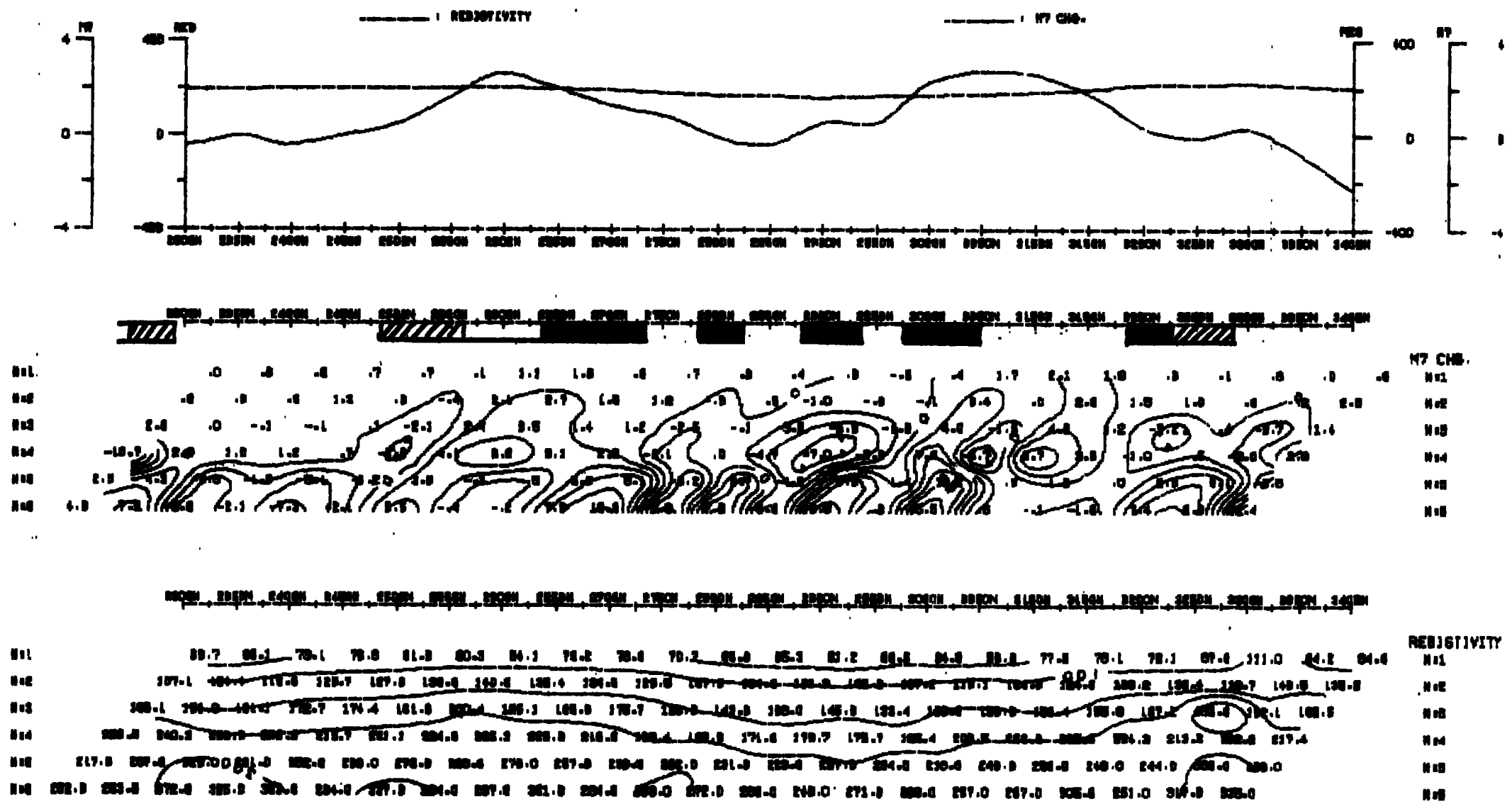
CARR PROJECT

CARR TOWNSHIP

DATE : 8/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



LINE : 4000 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY

N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

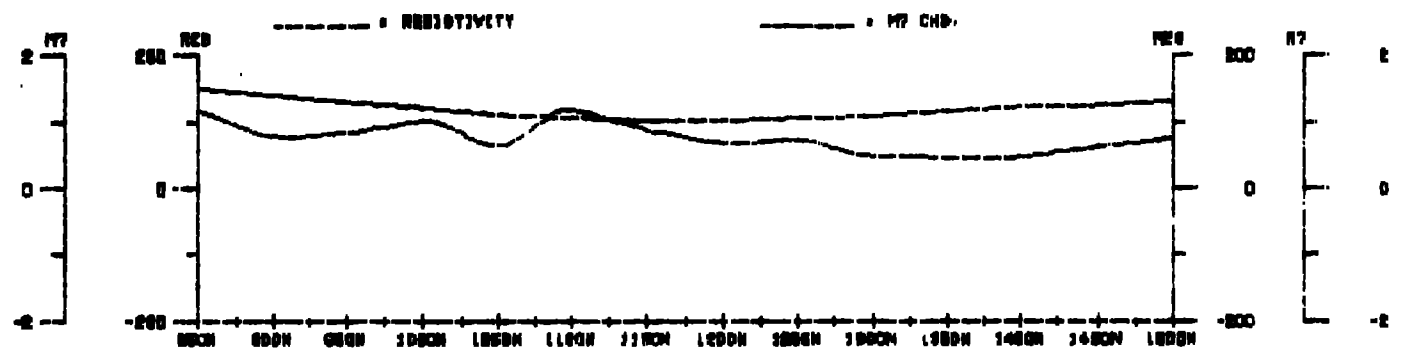
CARR PROJECT

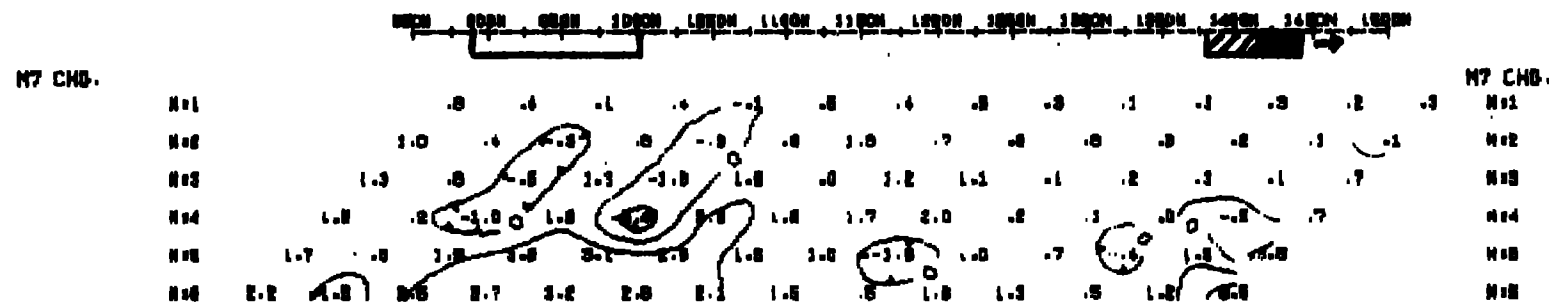
CARR TOWNSHIP

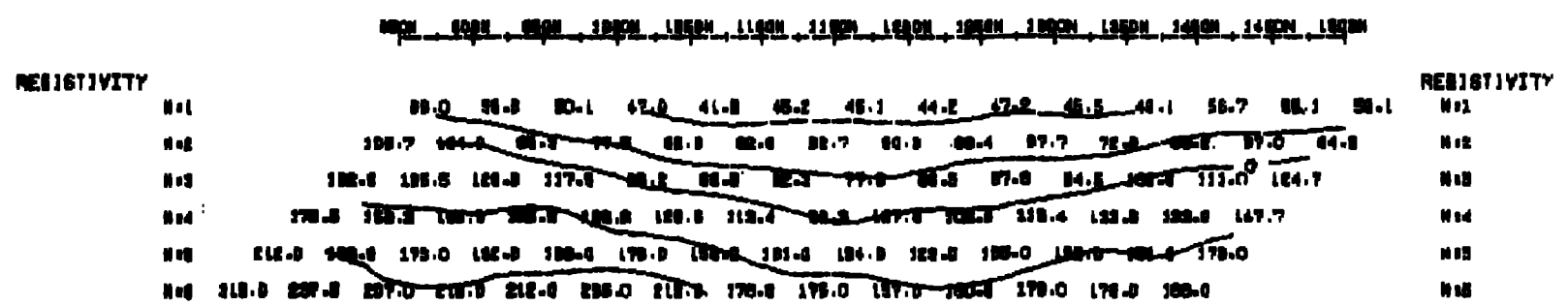
DATE : 12/11/84 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



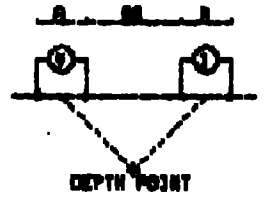




LINE : 4200 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

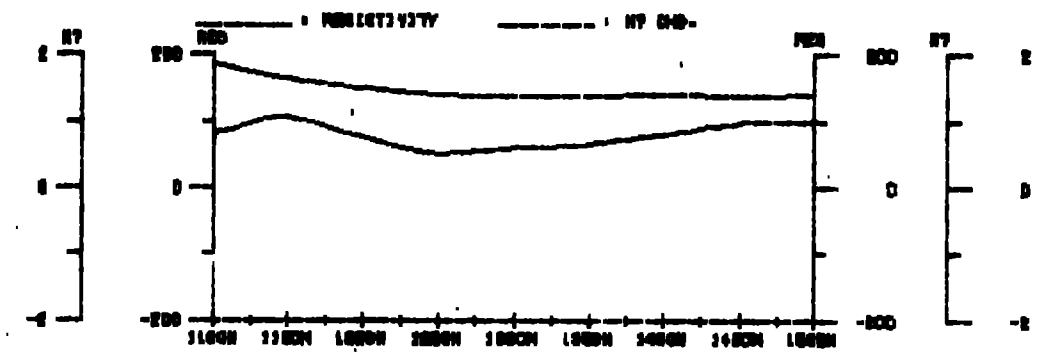
CARR PROJECT

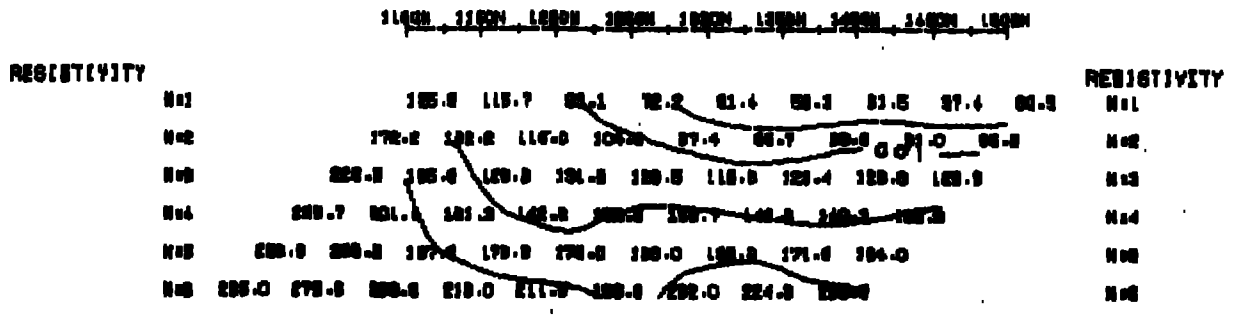
CARR TOWNSHIP

DATE : 12/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD

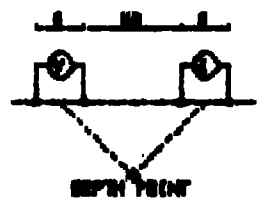




LINE : 4300 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

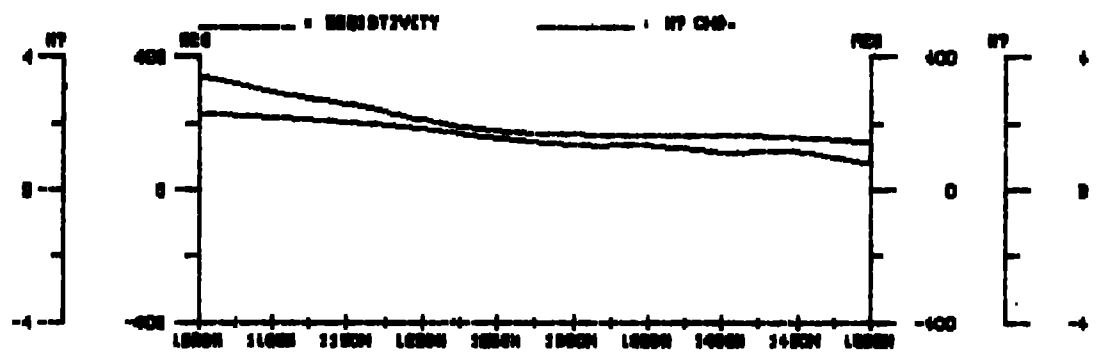
CARR PROJECT

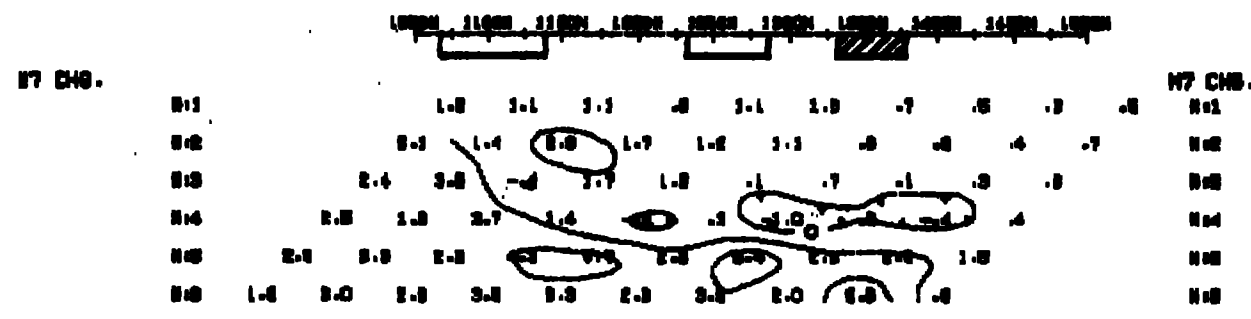
CARR TOWNSHIP

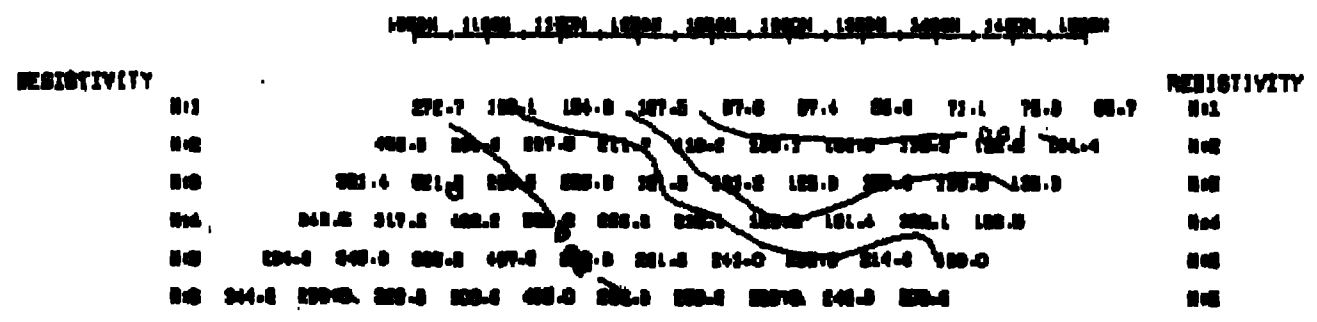
DATE : 12/11/84 | REF :

SCALE = 1 : 5000

EXSICS EXPLORATION LTD



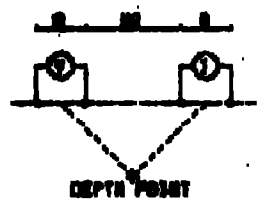




LINE : 4400 E

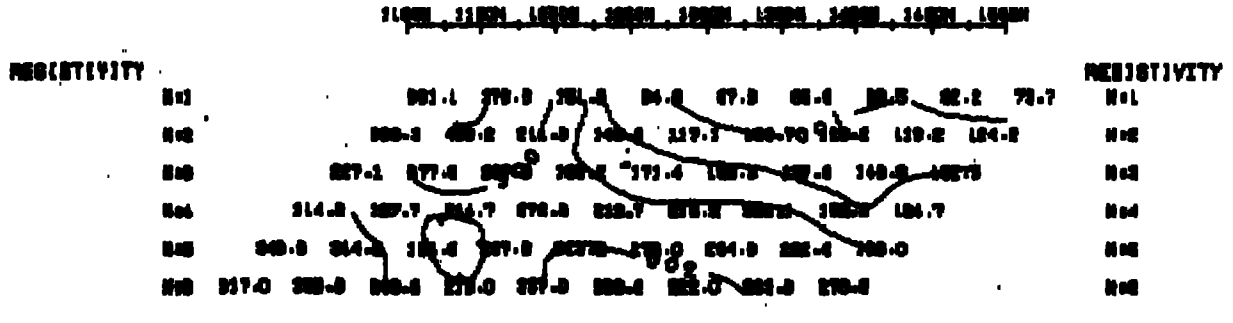
INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES



PENTLAND FIRTH VENTURES

CARR PROJECT

CARR TOWNSHIP

DATE : 5/11/94 | REF :

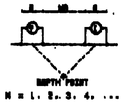
SCALE = 1: 5000

EXSICS EXPLORATION LTD

LINE : 4600 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

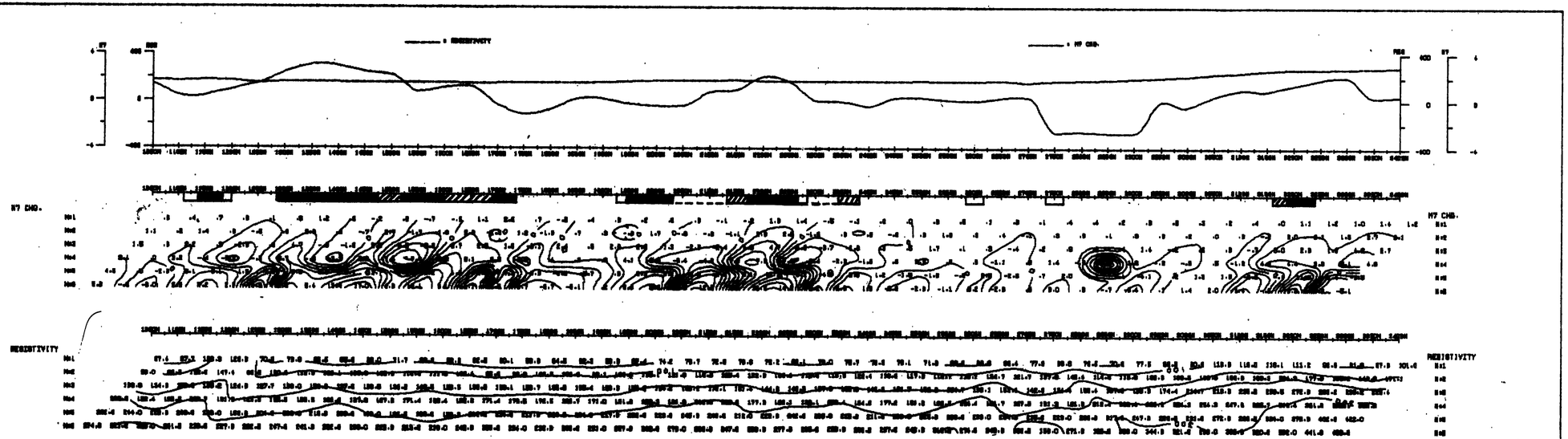
CARR PROJECT

CARR TOWNSHIP

DATE : 8/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



LINE : 4800 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY

PENTLAND FIRTH VENTURES

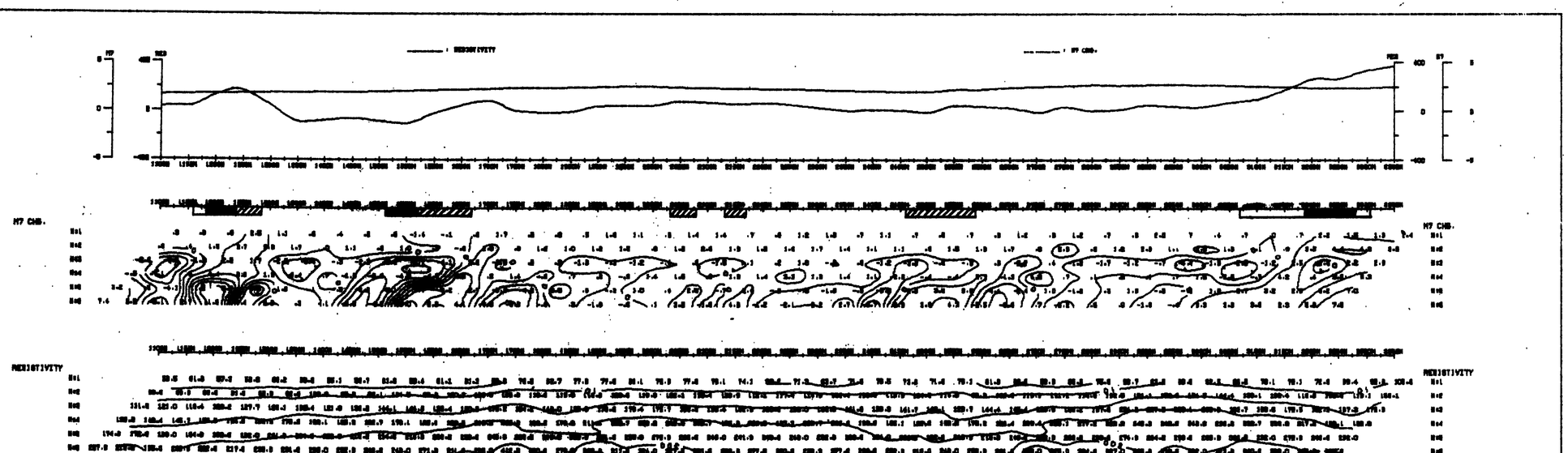
CARR PROJECT

CARR TOWNSHIP

DATE : 5/11/94 REF :

SCALE = 1: 5000

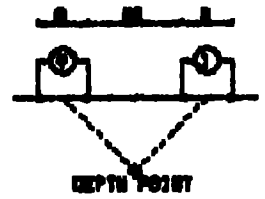
EXSICS EXPLORATION LTD



LINE : 5100 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

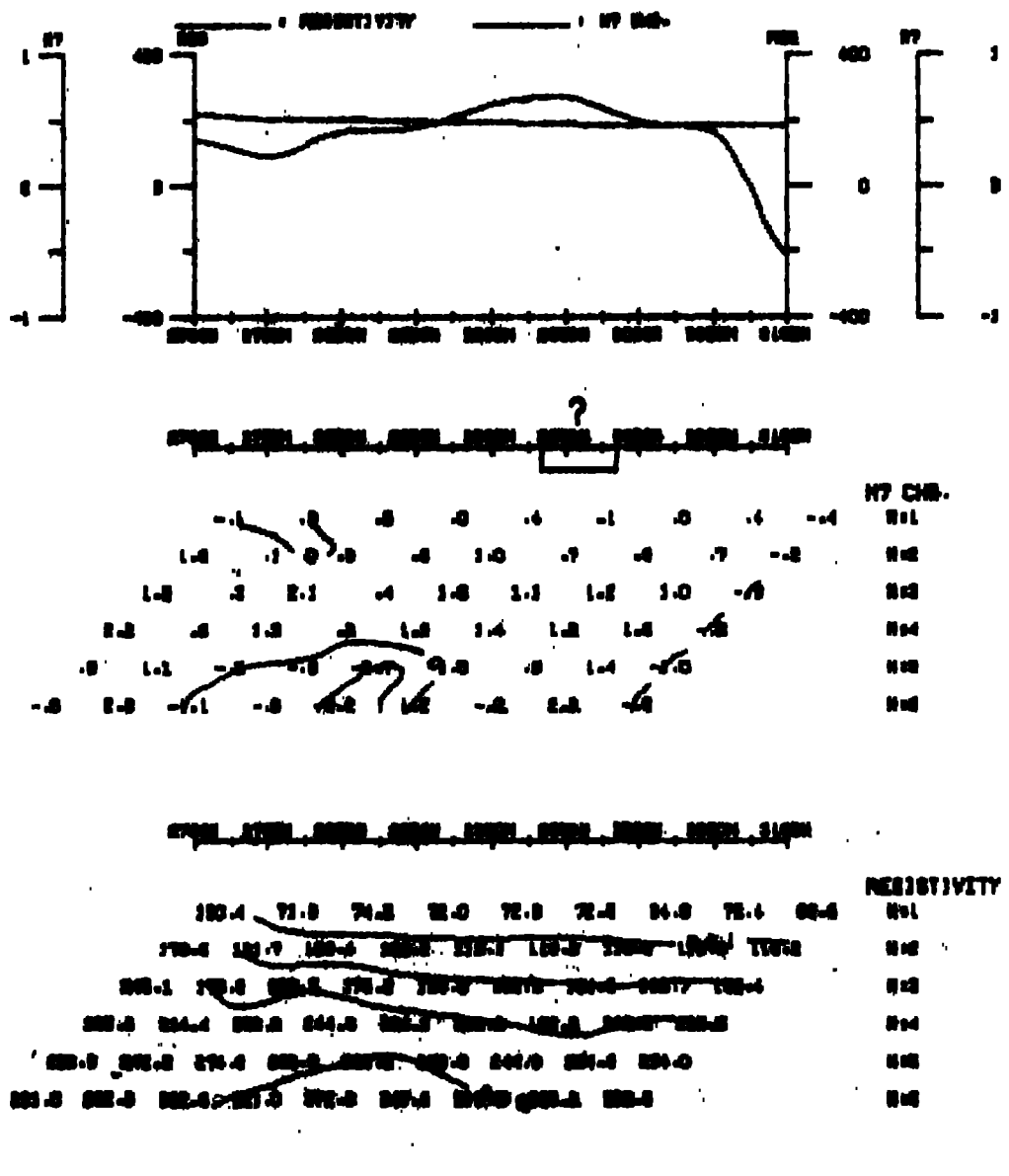
CARR PROJECT

CARR TOWNSHIP

DATE : 2/11/94 | REF :

SCALE = 1: 5000

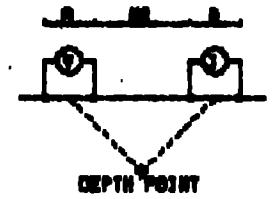
EXSICS EXPLORATION LTD



LINE : 5200 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



N = 1. 2. 3. 4. ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

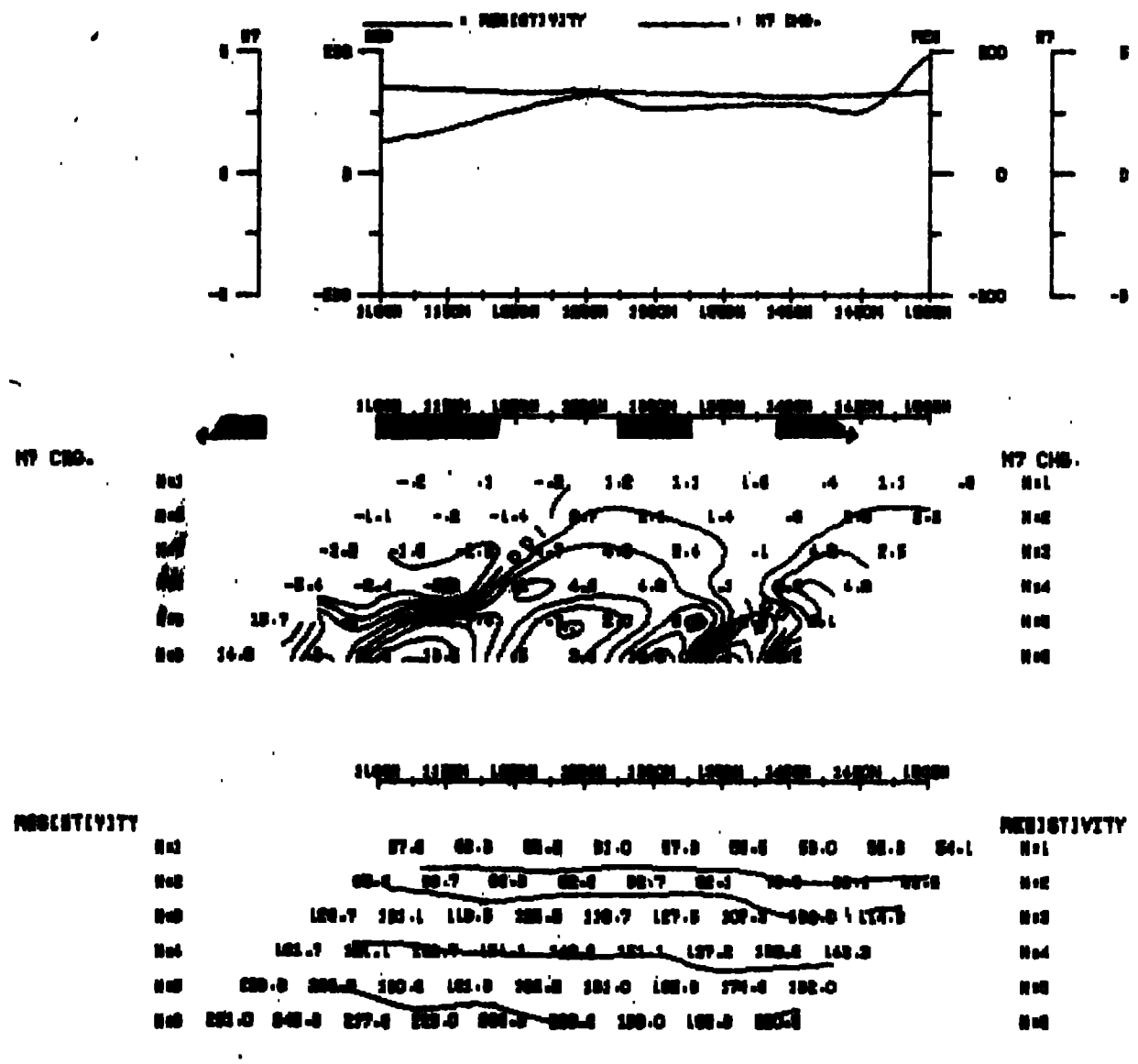
CARR PROJECT

CARR TOWNSHIP

DATE : 5/11/94 | REF :

SCALE = 1: 5000

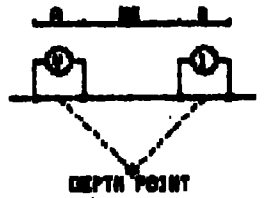
EXSICS EXPLORATION LTD



LINE : 5200 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



N = 1. 2. 3. 4. ...
"A" SPACING = 50.0 METRES

PENTLAND FIRTH VENTURES

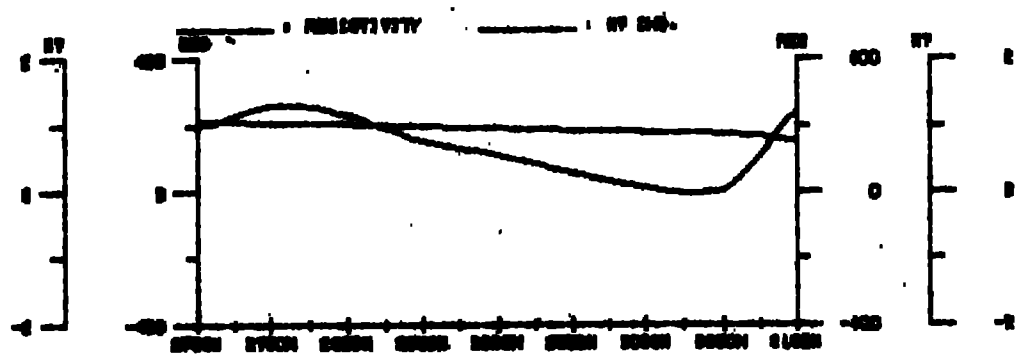
CARR PROJECT

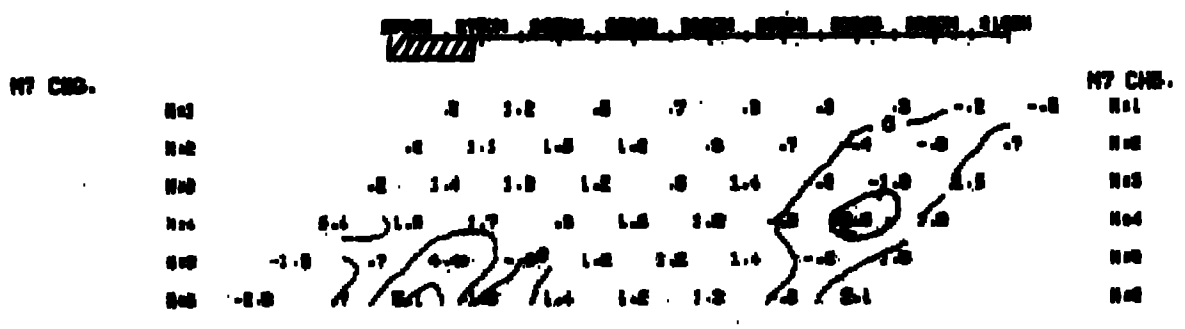
CARR TOWNSHIP

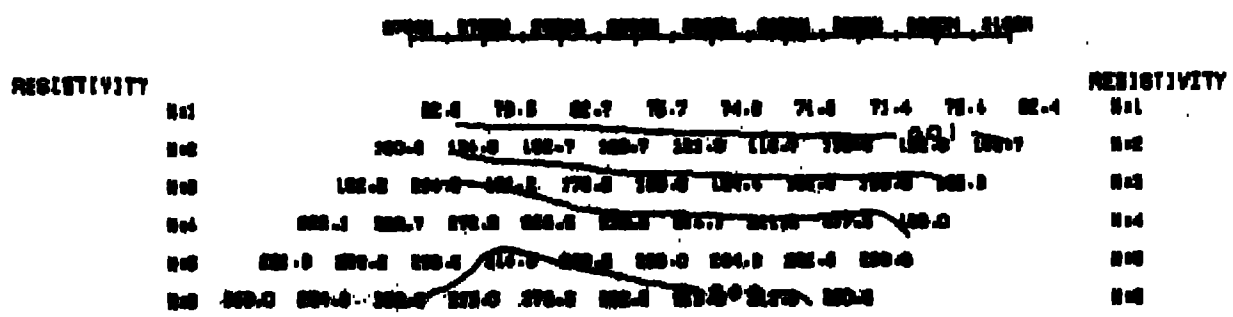
DATE : 2/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



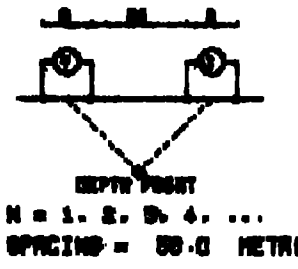




LINE : 5400 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

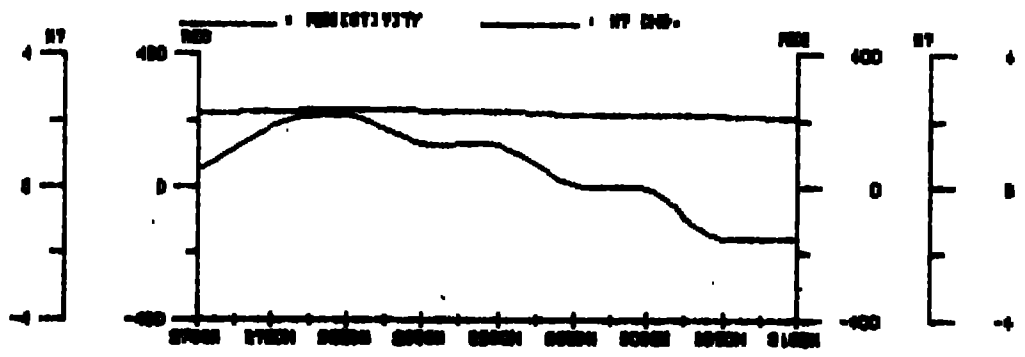
CARR PROJECT

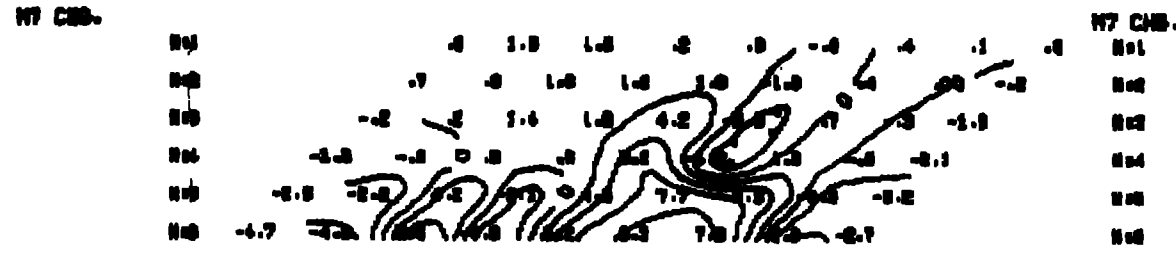
CARR TOWNSHIP

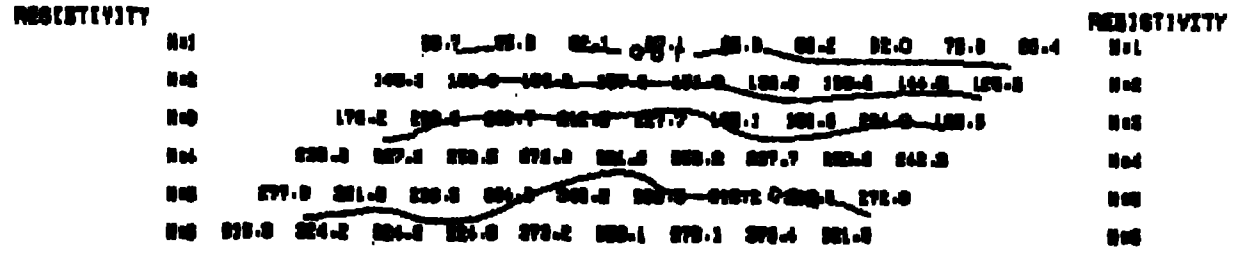
DATE : 17/10/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD





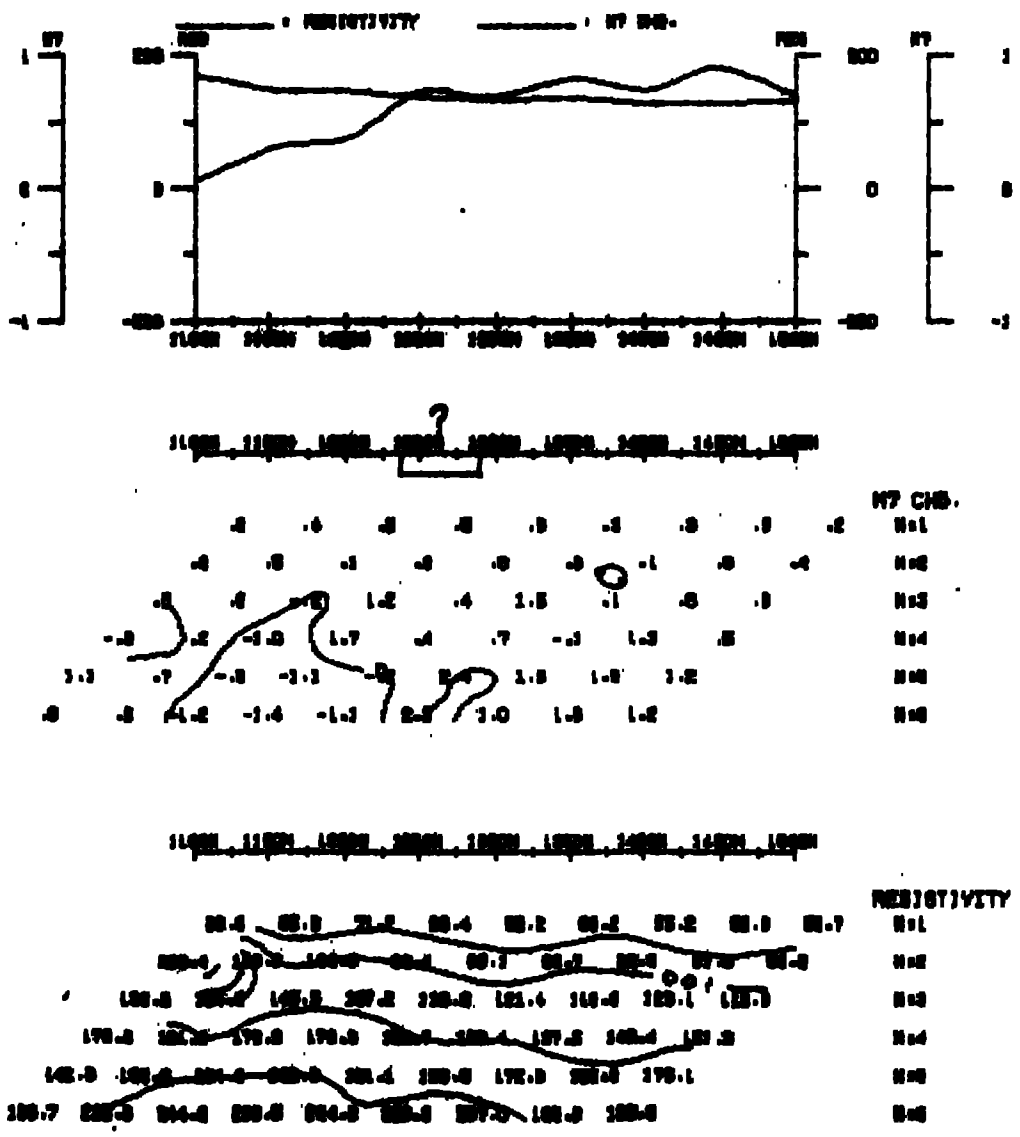


LINE : 5400 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY

N = 1. 2. 3. 4. ...
"A" SPACING = 50.0 METRES



PENTLAND FIRTH VENTURES

CARR PROJECT

CARR TOWNSHIP

DATE : 17/10/94 | REF :

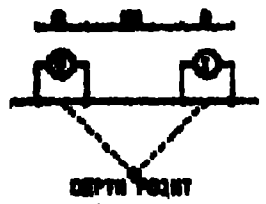
SCALE = 1: 5000

EXSICS EXPLORATION LTD

LINE : 5600 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
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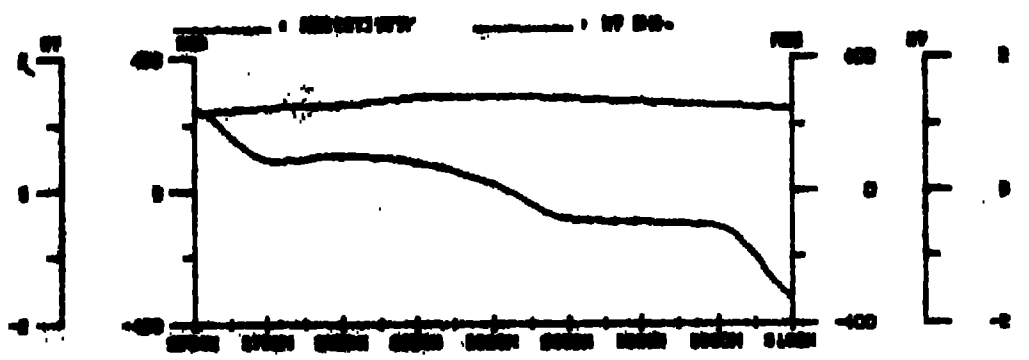
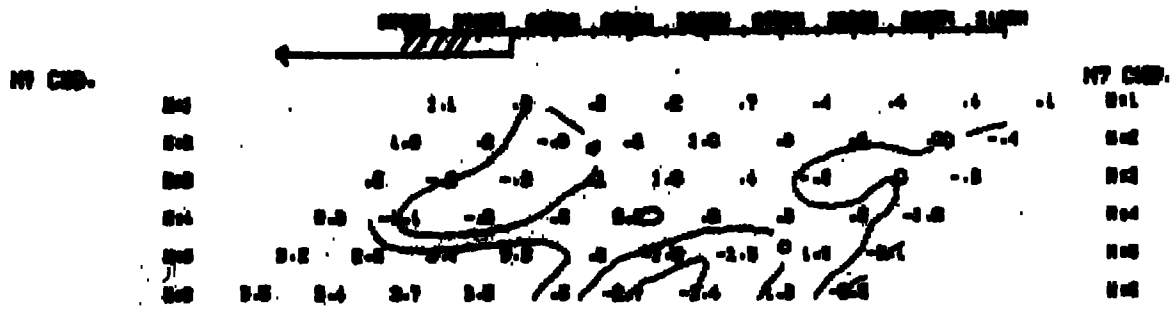
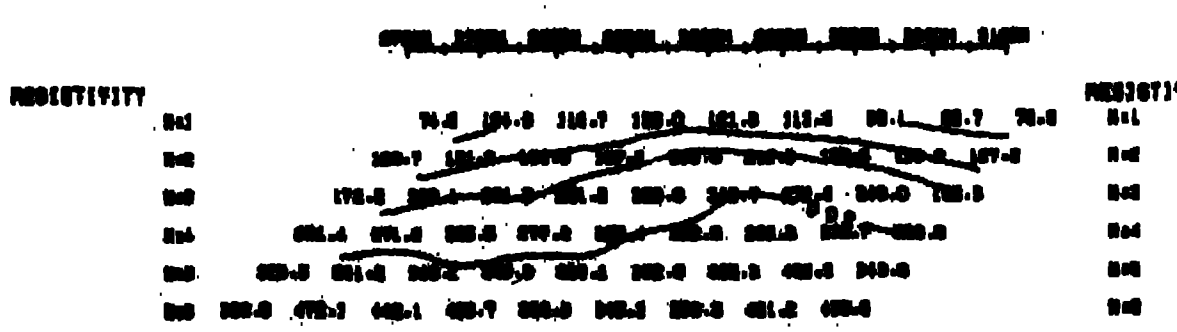






PENTLAND FIRTH VENTURES

CARR PROJECT

CARR TOWNSHIP

DATE : 17/10/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD

LINE : 5600 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY

PENTLAND FIRTH VENTURES

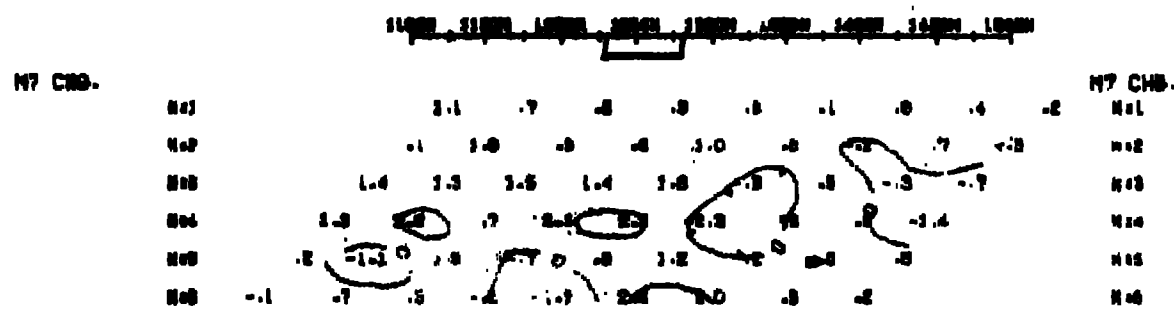
CARR PROJECT

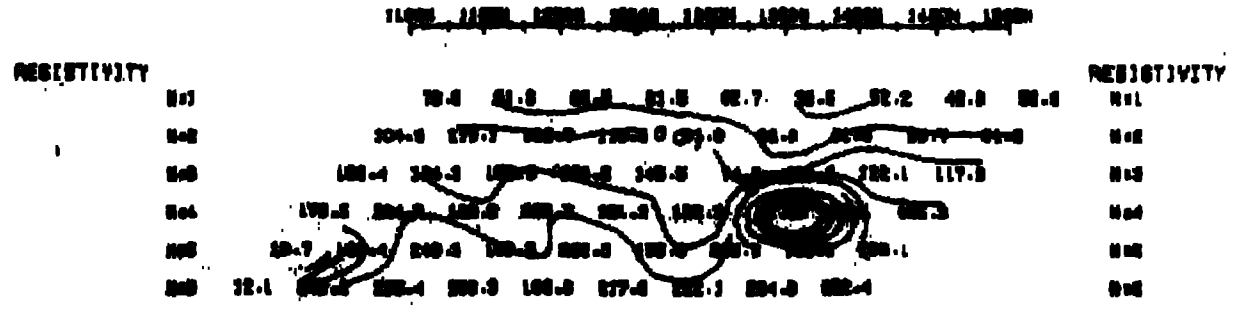
CARR TOWNSHIP

DATE : 17/10/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD

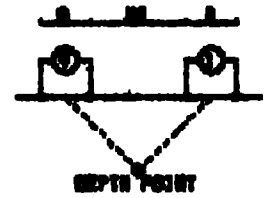




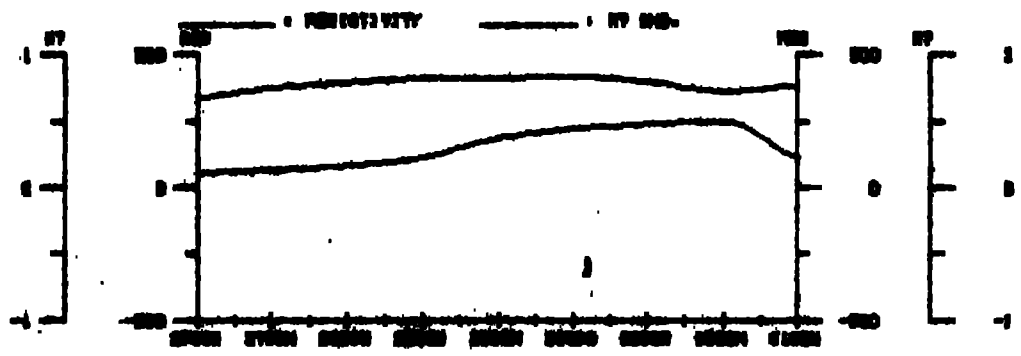
LINE : 5800 E

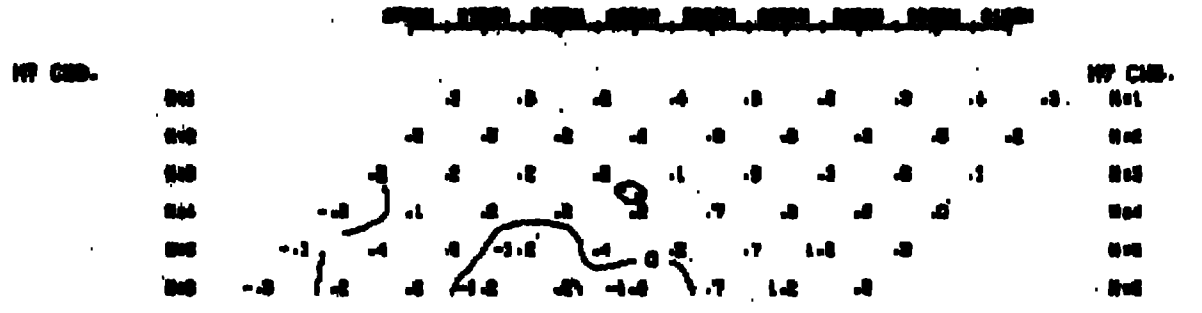
INDUCED POLARIZATION
SURVEY

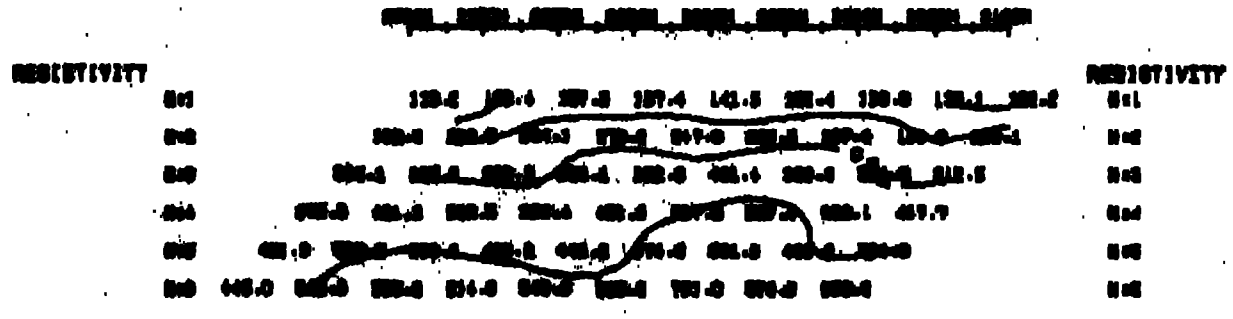
.DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES







PENTLAND FIRTH VENTURES

CARR PROJECT

CARR TOWNSHIP

DATE : 9/11/94 | REF :

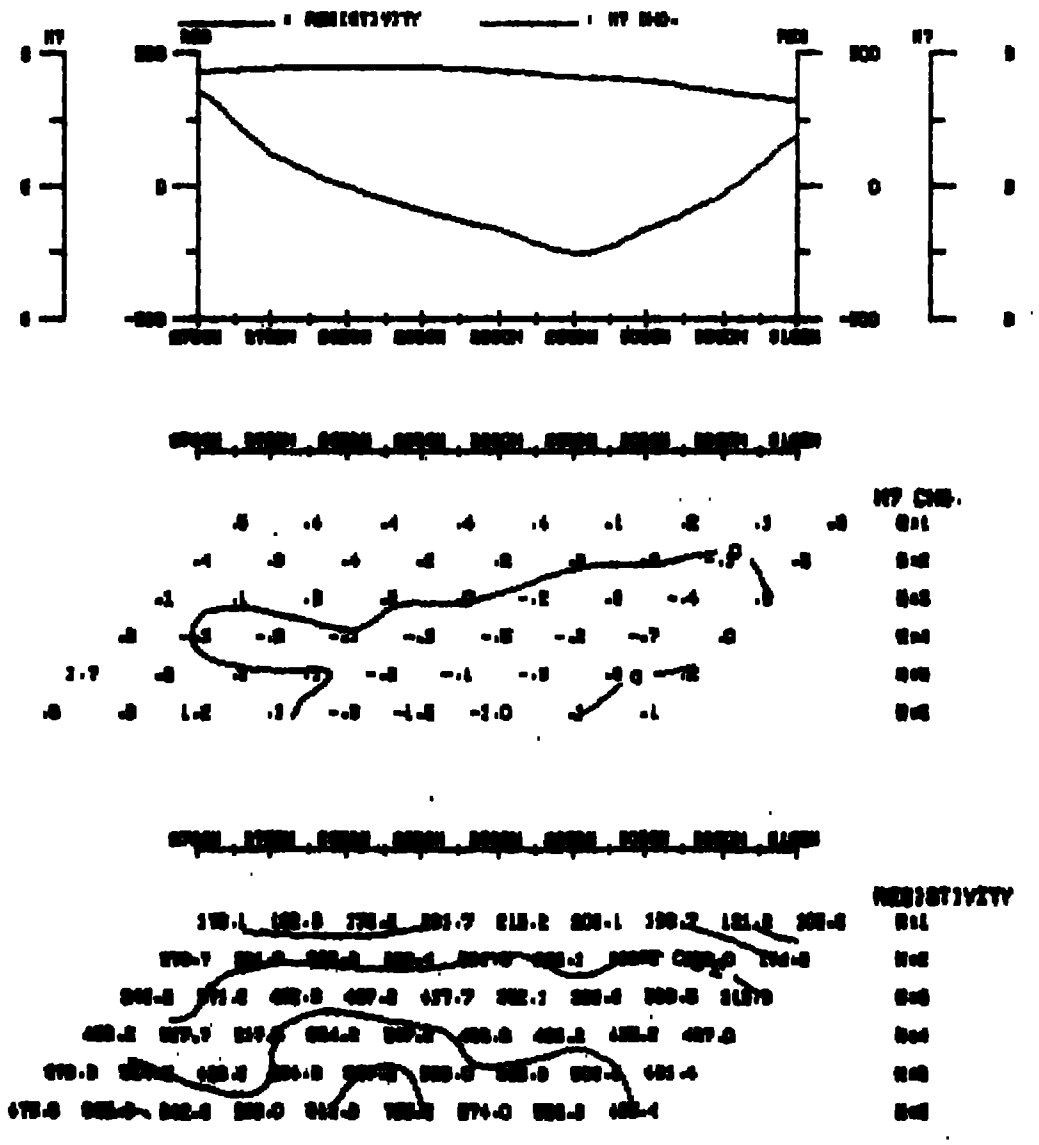
SCALE = 1: 5000

EXSICS EXPLORATION LTD

LINE : 6000 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

CARR PROJECT

CARR TOWNSHIP

DATE : 3/11/84 | REF :

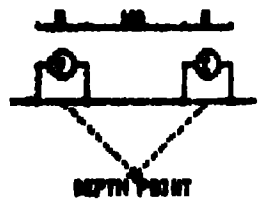
SCALE = 1: 5000

EXSICS EXPLORATION LTD

LINE : 6200 E

INDUCED POLARIZATION
SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

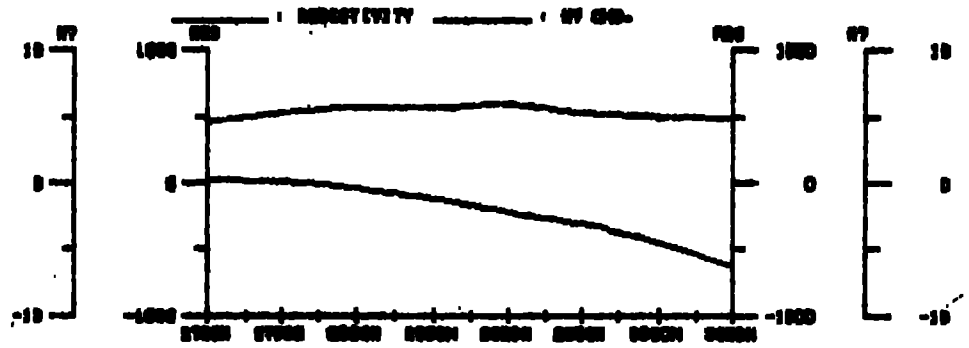
CARR PROJECT

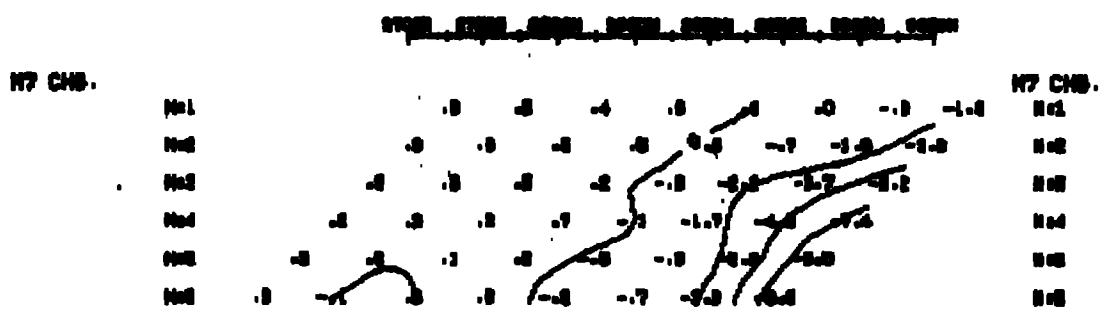
CARR TOWNSHIP

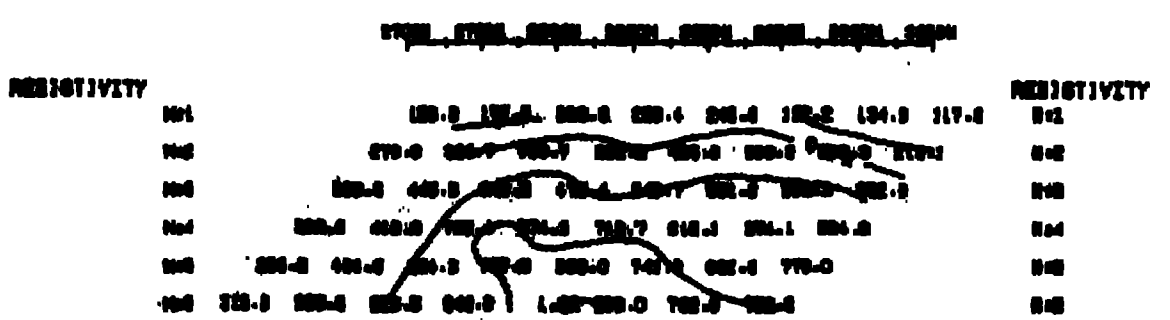
DATE : 3/11/84 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD



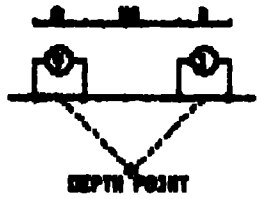




LINE : 6400 E

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



PENTLAND FIRTH VENTURES

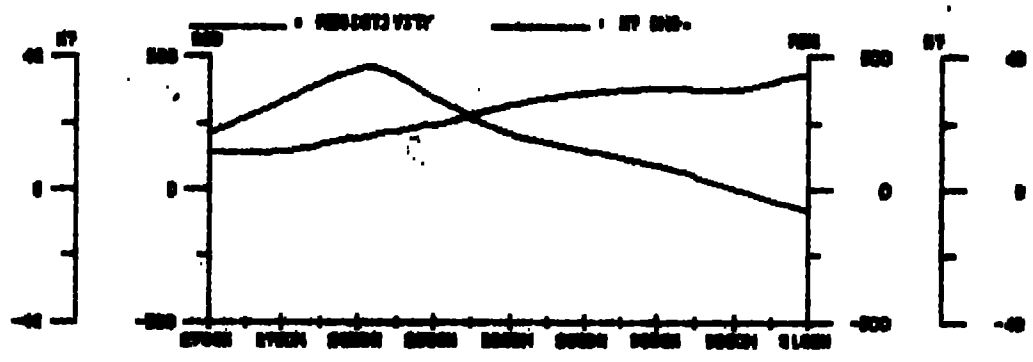
CARR PROJECT

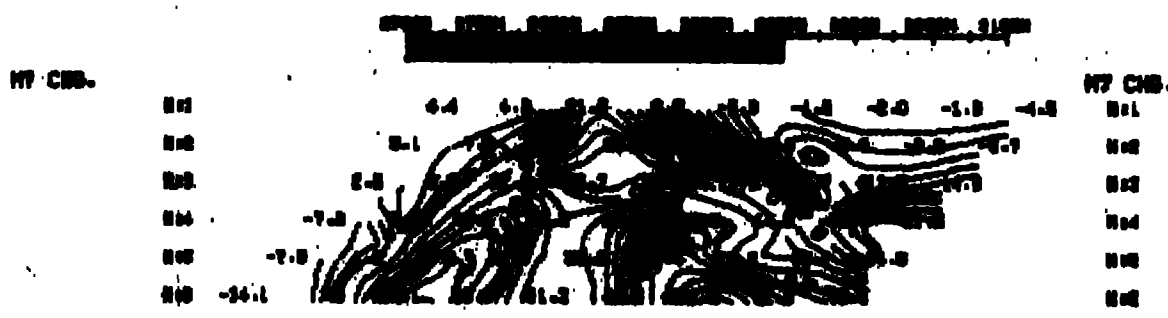
CARR TOWNSHIP

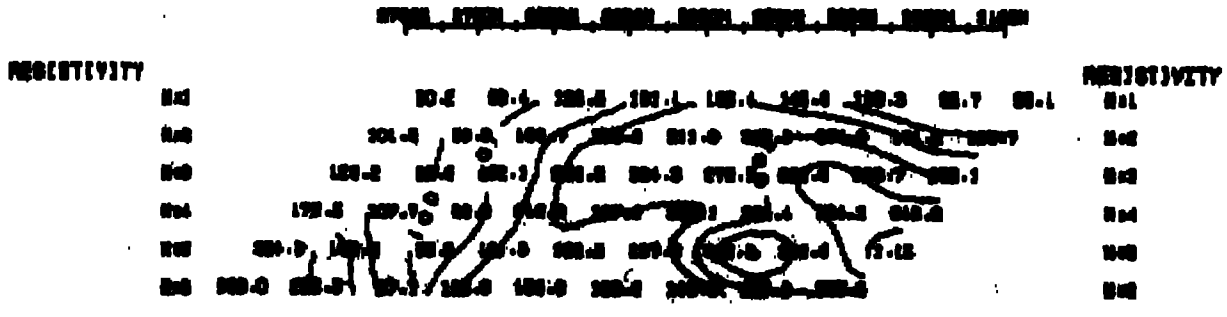
DATE : 3/11/94 | REF :

SCALE = 1: 5000

EXSICS EXPLORATION LTD







Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
DOCUMENT No. W9580.00424

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

IC0556

Instructions:
- Please type or print and submit in duplica
- Refer to the Mining Act and Regulations f Recorder.
- A separate copy of this form must be cor
- Technical reports and maps must accomp
- A sketch, showing the claims the work is assigned to, must accompany ...

42A09SW0091 2.16060 CARR

900

Recorded Holder(s)		Client No.
PENTLAND FIRTH VENTURES LTD		300694
Address		Telephone No.
PO BOX 1690 SOUTH PORCUPINE, ONTARIO		(705) 235-2311
Mining Division	Township/Area	M or G Plan No.
LARDER LAKE	CARR TWP	G-3613
Dates Work Performed From: SEPTEMBER 2, 1994	To: OCTOBER 14, 1994	

Work Performed (Check One Work Group Only)

	Work Group	Type
✓	Geotechnical Survey	LINECUTTING, MAGNETIC SURVEY, IP SURVEY
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
JUN [illegible] 1995
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 59570

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

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

Name	Address
John C. Grant, CET FGAC	PO BOX 1480
EXSICS EXPLORATION LIMITED	Suite 13 HOLLINGER BLDG. TIMMINS ONT. P4N 7X1

(attach a schedule if necessary)

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

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	MAY 4, 1995	K D [illegible]

Certification of Work Report

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

Name and Address of Person Certifying		
KEN TYLEE PO BOX 1690 SOUTH PORCUPINE, ON P0N 1H0		
Telepone No.	Date	Certified By (Signature)
(705) 235-2311	MAY 4, 1995	K D [illegible]

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
Applied 16000. Reserve 43570.	May 15/95	ACTING [illegible]	RECEIVED LARDER LAKE MINING DIVISION MAY 15 1995
	Deemed Approval Date: Aug 13/95	Date Approved	
	Date Notice of Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	L1114456 •	1	1192	800		392
	L1114457 •	1	1192	800		392
	L1114458 •	1	1192	800		392
	L1114459 •	1	1192	800		392
	L1116013 •	1	1192	800		392
	L1116014 •	1	1192	800		392
	L1116015 •	1	1192	800		392
	L1116016 •	1	1192	800		392
	L1201431 •	8	9536	6400		3136
	L1193794 •	4	4768	3200		1568
will be sent	2819 SEC	4	4764			4764
July 4, 64 ha. 48000.14r. Scotland Fields Ventures Ltd.	90 SEC	4	4764			4764
Nov. 2, 96 ha. 72000.14r. McCormick & Carr	99 SEC	4	4764			4764
	15763 SEC	3	3573			3573
May 9, 32 ha. 24000.14r. Scotland Fields Ventures Ltd.	15745 SEC	2	2382			2382
Feb. 18, 16 ha. 12000.14r. Scotland Fields Ventures Ltd.	17101 SEC	1	1191			1191
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

continued on pg 2

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

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

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

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

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

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

Signature: [signature] Date: MAY 5/95

12/6/95

82** (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
Apr 10, 65 ha. 48,150.1 yr. Headland Firth Peninsula.	14694 SEC ✓	• 4	4764			4764
Dec. 9, 16 ha. 12000.1 yr. Pentland Firth	14042 SEC ✓	1	1191			1191
Feb 20, 16 ha. 12,000.1 yr. Pentland Firth	14078 SEC ✓	1	1191			1191
Dec 9, 16 ha. 12000.1 yr. Pentland Firth	14046 SEC ✓	1	1191			1191
Jan 31, 16 ha 12000.1 yr. Pentland Firth	14071 SEC ✓	• 1	1191			1191
Oct. 6, 32 ha. 24000.1 yr. Pentland Firth	14272 SEC ✓	• 2	2382			2382
June 10, 41 ha. 30750.1 yr. Pentland Firth	8758 SEC ✓	• 2	2382			2382
	23		59570	16000		43570
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

241 (03/91)

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

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

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

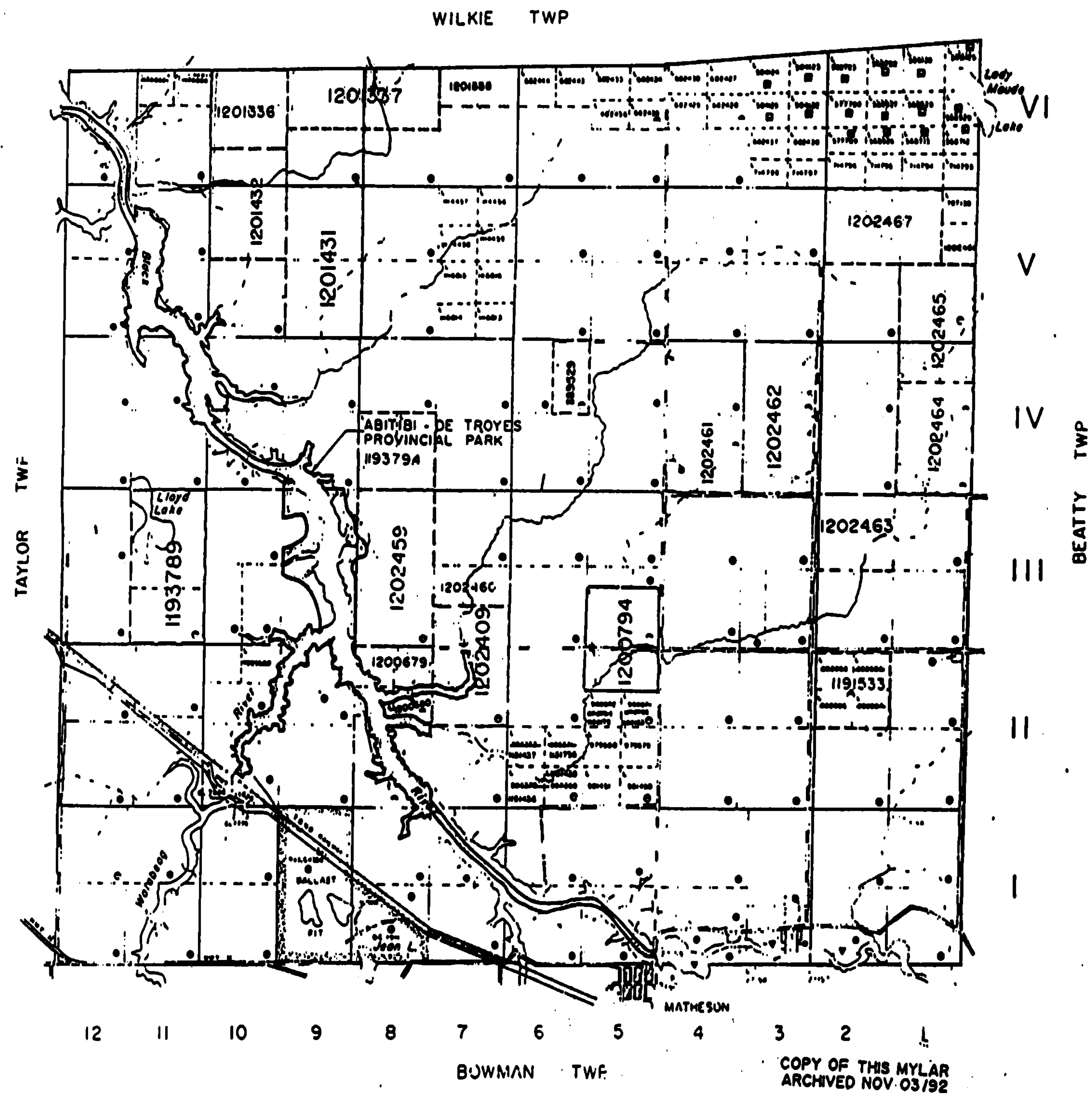
Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

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

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

Signature K. D. [illegible]

Date 12/6/95



LEGEND

NOTES

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

SCALE: 1 INCH = 40 CHAINS

DATE OF ISSUE

FEB 10 1994

LARDER LAKE MINING RECORDER'S OFFICE

TOWNSHIP OF

CARR

DISTRICT

COCHRANE

MINING DIVISION

LARDER LAKE

Ministry of Northern Development and Mines

G-3613

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

DOCUMENT No.
W 9580 • 00424

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

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

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Linecutting Geophysics	59570	
			59570
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		59570

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		

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

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

Filing Discounts

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

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

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

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

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

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

Certification Verifying Statement of Costs

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

that as Bookkeeper SENIOR PROJECT GEOLOGIST I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature	Date
	May 4/95

12/4/95

0212 (04/91)

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

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Geoscience Approvals Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

July 11, 1995

Our File: 2.16060
Transaction #: W9580.00424

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

Dear Mr. Spooner:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1114456 ET AL. IN CARR TOWNSHIP

The assessment work credits for this submission have been approved as of July 11, 1995. The credits have been approved under Section 14, Geophyics(MAG,IP), of the Mining Act Regulations.

Note: The credits have been redistributed to better reflect the location of the work done.

The approval date is July 11, 1995. Please indicate this approval on the claim record sheets.

If you require any additional assistance please contact Bruce Gates at 670-5856.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

BIG/jn

cc. Assessment Files Office
Sudbury, Ontario

Resident Geologist
Kirkland Lake, Ontario

VALUE OF ASSESSMENT WORK PERFORMED ON MINING CLAIMS

FILE NUMBER 2.16060
TRANSACTION NO. W9580.00424

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON THIS CLAIM
1114456	$2845
1114457	3450
1114458	740
1114459	930
1116013	930
1116014	740
1116015	740
1116016	930
1201431	8370
1193794	845
2819	4980
90	5120
99	3300
15763	3490
15745	5175
17101	1162
14694	6285
14042	1955
14078	1955
14046	790
14071	560
14272	2978
8758	1300
Total	$59,570

DISPOSITION OF CROWN LANDS

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

NOTE MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R S O 1970 CHAP 380 SEC 63 SUBSEC 1

AREAS WITHDRAWN FROM DISPOSITION

MRO MINING RIGHTS ONLY

SRO SURFACE RIGHTS ONLY

M & S

Description

SURFACE RIGHTS WITHDRAWN UNDER SEC 36, THE MINING ACT R S O 1980 ORDER NO W-01/91/ONT (TRANS CANADA PIPELINE RIGHT OF WAY AND BUFFER ZONE PARTICULARLY 40 25 METERS OR 132 FT ON EITHER SIDE OF CENTRE LINE OF RIGHT OF WAY)

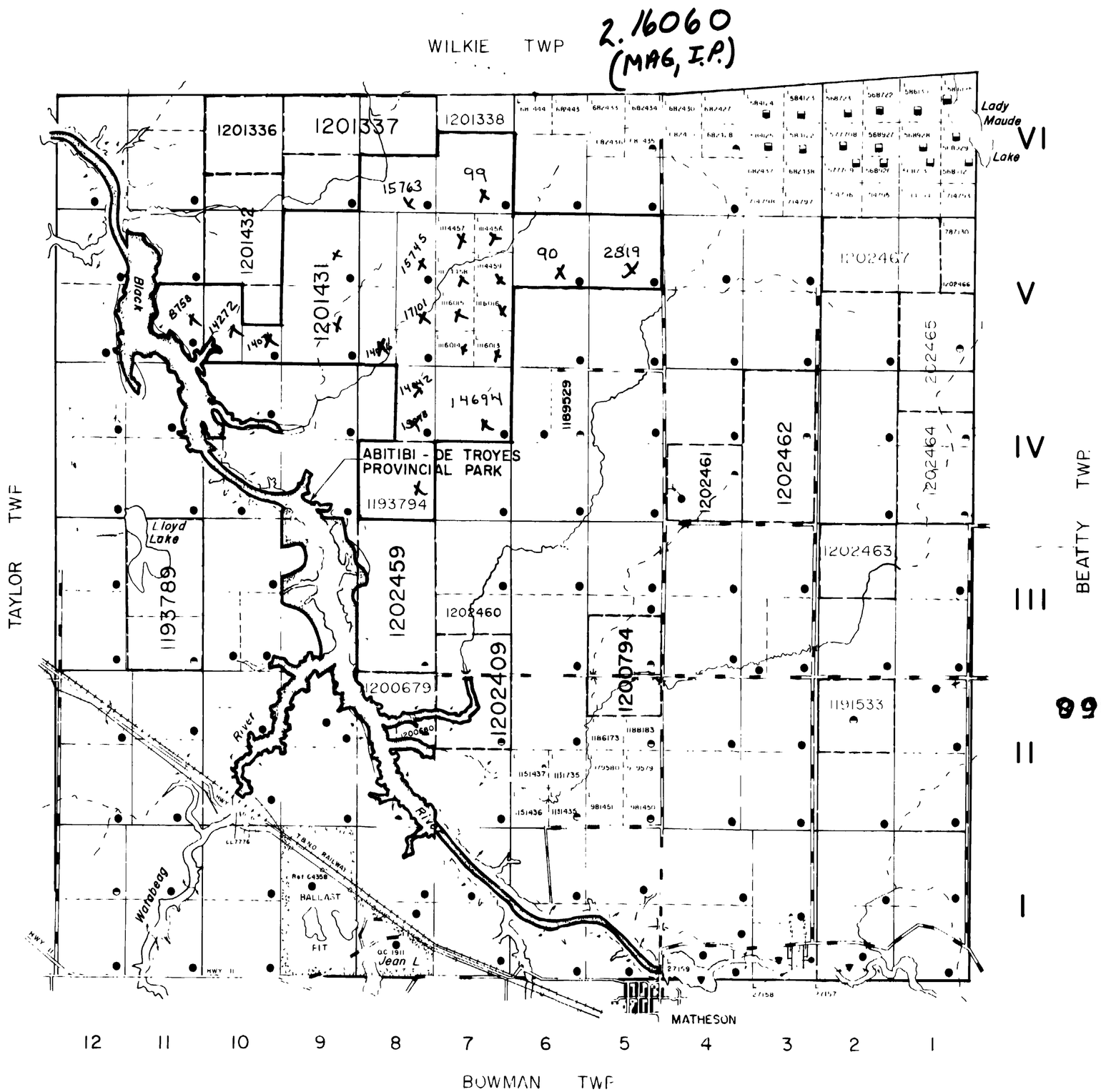
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP/AREA FALLS WITHIN THE WATABEAG MANAGEMENT UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS

THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P O BOX 129
SWASTIKA, ONT
P0K 1T0
705-64 -3222



LEGEND

- HIGHWAYS
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES ETC
  - LOTS, MINING CLAIMS, PARCELS ETC
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

NOTES

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

LOT 86/L for flooding rights along the shores of Black and Watabeag rivers

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

2.16060

ACRES	HECTARES
40	16

TOWNSHIP OF

CARR

DISTRICT

COCHRANE

MINING DIVISION

LARDER LAKE

DATE OF ISSUE
MAY 19 1995
LARDER LAKE MINING RECORDER'S OFFICE

Ministry of Northern Development and Mines

Date	Plan No
NOVEMBER '86	G-3613

CIRCULATED JANUARY 26, 1995 MI

42A08SW0091 2 16060 CARR

EXSICS EXPLORATION LTD.
Ph. (705) 474-2525 Fax (705) 474-1515
Suite 13, Bolinger Bldg., Timmins Ont.
Member of the Provincial Group

CLIENT PENTLAND FIRTH VENTURES LTD
PROPERTY CARR TOWNSHIP PROJECT
TITLE MAGNETOMETER SURVEY

Date Nov. 1994 Scale 1:5000 NTS
Drawn: J.C. Interp: J.C. Grant Job No. E-66

SURVEYED
APR 1 1996
ONTARIO

LEGEND
Instrument EDA OMNI-IV
Parameters Measured Earth's total magnetic field
Sensor Cesium vapour
Survey Corrected by base station recorder
Contour Interval 100 gammas
Reference Field 58,500 gammas
Diurnal correction 57,700 gammas

(1893) 29
21 Units

(2031) 31
8 Units

1937 34
4 Units

CREEK

BLACK RIVER

1800 EAST 2000 EAST 2400 EAST 2600 EAST 2900 EAST 3200 EAST 3600 EAST 3700 EAST 3800 EAST 3900 EAST 4000 EAST 4100 EAST 4200 EAST 4300 EAST 4400 EAST 4500 EAST 4600 EAST 4700 EAST 4800 EAST 5100 EAST 5200 EAST 5400 EAST 5600 EAST 5800 EAST 6000 EAST 6200 EAST 6400 EAST

3200 NORTH
3000 NORTH
2800 NORTH
2600 NORTH
2400 NORTH
2200 NORTH
2000 NORTH
1800 NORTH
1600 NORTH
1400 NORTH
1200 NORTH
1000 NORTH
800 NORTH
600 NORTH

CDN V1

CDN V

CREEK

BLACK RIVER

120431
8 Units

II4457
II4456
II4458
II4459
II6015
II6016
II6014
II6013

193794
4 Units

189529
2 Units

LEGEND
Instrument: EDA IP-4
APPARENT RESISTIVITY (N=4), OHM-METERS
Contour Interval 2C OHM-METERS

LOT 10 LOT 9 LOT 8 LOT 7 LOT 6 LOT 5

SCALE (m)

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

CLIENT PENTLAND FIRTH VENTURES LTD.
PROPERTY CARR TOWNSHIP PROJECT
TITLE

APPARENT RESISTIVITY
AT N=4

Date: Dec. 1994 | Scale 1:5000 | NTS:
Drawn: P.G. | Interp J.C.Grant | Job No. E-66