GEOPHYSICAL REPORT
FOR
FRANK GALATA
ON THE
KEEFER LAKE PROPERTY
KEEFER AND DENTON TOWNSHIPS
PORCUPINE MINING DIVISION
NORTHEASTERN, ONTARIO

PREPARED BY: J.C.GRANT, CET, FGAC
APRIL, 1997

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INTRODUCTION

The services of Exsics Exploration Limited were retained by Mr. Bill MacRae on behalf of Frank Galata to complete a linecutting,HLEM survey and Induced Polarization,(IP), survey on a section of Mr. Galata's claim holdings in the Townships of Keefer and Denton. The programs were completed in stages. The linecutting and HLEM surveys completed on the Denton claims was done during the month of September, 1996 whereas the linecutting and IP surveys done on the Keefer claims was done in March of 1997.

The Denton grid consisted of 4.75 miles and was done with one east-west baseline off of which 400 foot lines were turned off from 1200W to 1200E. All of the lines were cut to 800N and 400S and all lines were chained with 100 foot pickets.

The Keefer grid consisted of 4.6 miles and again all lines were turned off of an east-west baseline. The lines were turned off at 400 foot intervals from 3000E to 1000E. Lines 1000E to 1400E were cut from 2400S to 800N, line 1800E was cut from 2400S to 6300N and lines 2200E to 3000E were cut from approximately 1500S to 700N.

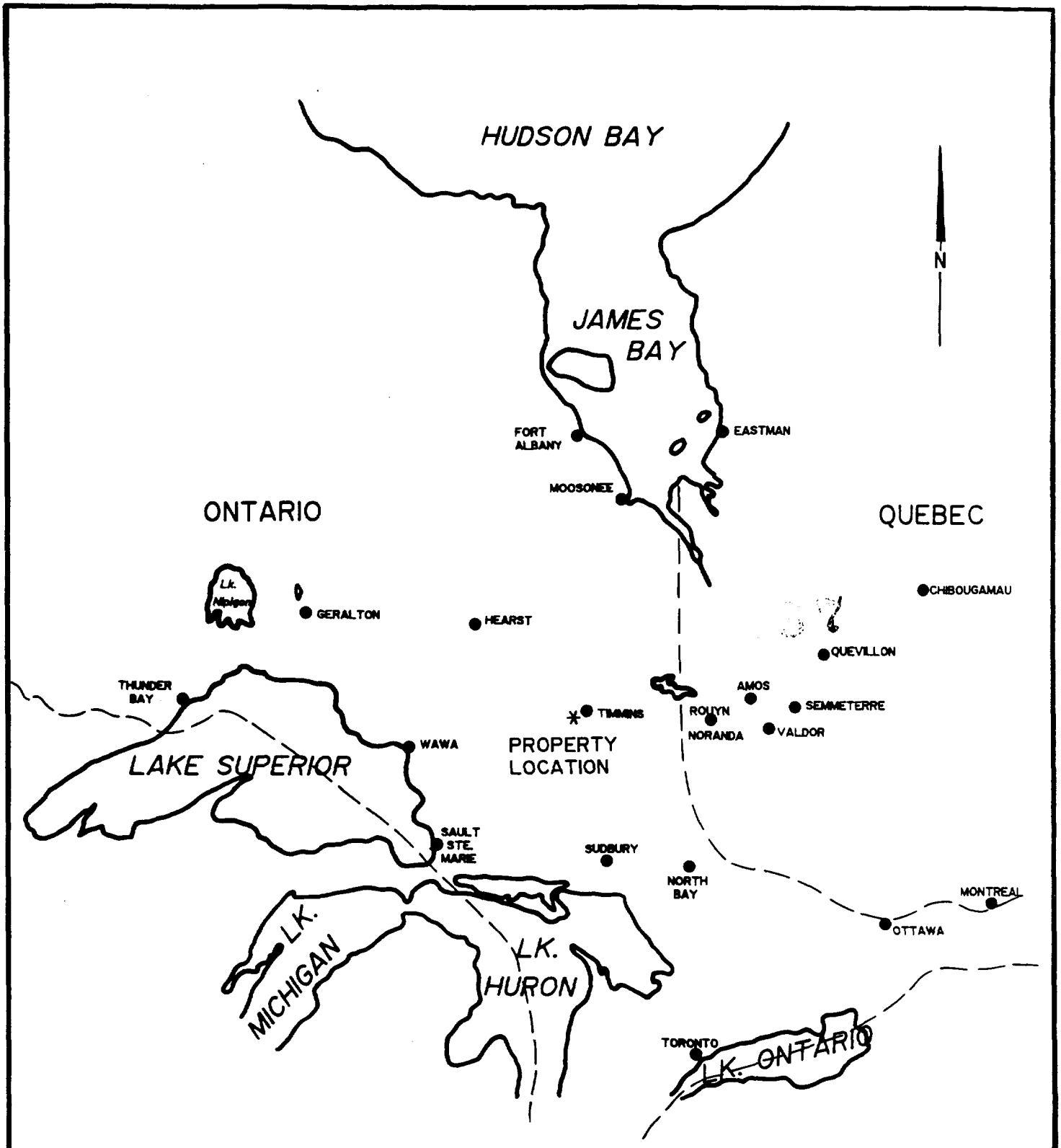
The purpose of this program was to test the property's potential for a geological unit which would be considered a favourable horizon for gold deposition.

PROPERTY LOCATION AND ACCESS

The Keefer Lake property is located in the southwest section of Denton Township and the southeast section of Keefer Township, both of which are located in the Porcupine Mining Division, District of Cochrane in Northeastern, Ontario. Figures 1 and 2. The entire block of claims is located approximately 30 kilometers southwest of the City of Timmins. More specifically the property is cross cut by Highway 101 along it's west and north boundary. Keefer Lake covers the southwest section of the claim group and Lostdog Creek crosses the southeast section of the claim group.

Access to the Denton grid during the survey period was generally quite easy. Highway 101 west travels across the north section of the grid from which a good gravel road travels south. This gravel road is on the left side of the highway, just past the White Birch restaurant and provides two wheel drive access to within 2000 feet east of the grid to be surveyed. A short foot traverse along a good bike trail will access the east side of the cut grid. Travelling time from Timmins to this grid is approximately 1 hour.

Access to the Keefer grid was by skidoo along a series of ingress roads which travel southeast from the northeast shore of Warren Lake



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

CLIENT: FRANK GALATA

PROPERTY: KEEFER LAKE PROPERTY

TITLE: KEEFER & DENTON TWPS.
LOCATION MAP

Fig. 1

Date: April 1997	Scale: 1"=125miles	MNDM Plan#:
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-198,237

EXSICS EXPLORATION LTD.

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

CLIENT:	FRANK GALATA
PROPERTY:	KEEFER LAKE PROPERTY
TITLE:	KEEFER & DENTON TWPS. PROPERTY LOCATION

Fig. 2

Date: April 1997	Scale: 1:600,000	MNDM Plan#: 22-6
Drawn:	Interp: J.C. Grant	Job No. E-198,237

CLAIM GROUP

The claim numbers which make up the Keefer Lake property are outlined on figure 3 of this report. 58 of the claims are located in Denton Township and 60 claims are located in Keefer Township. The claims which were covered by the ground program are highlighted on figure 3 as well. Refer to figure 3 copied from the MNDM Plan Maps of the two Townships for the positioning of the claims.

PERSONNEL

The field crew directly responsible for the collection of all raw data were as follows.

MaxMin,(HLEM) Survey:

Richard Mathieu.....Timmins, Ontario
Robin Mathieu.....Timmins, Ontario

IP Crew:

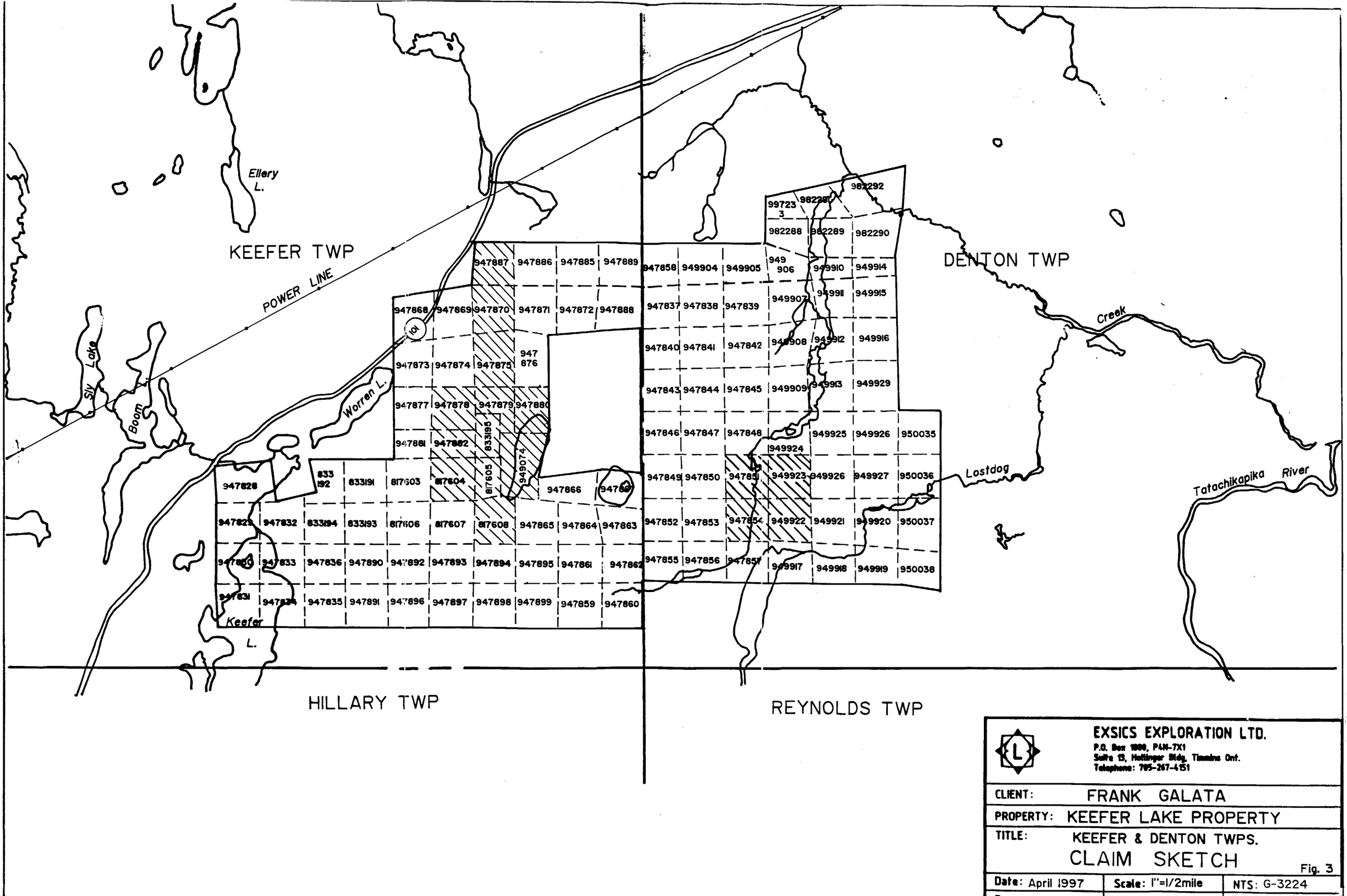
Wayne Pearson.....Timmins, Ontario
Paul Otis.....Timmins, Ontario
Mario Ruel.....Timmins, Ontario
Albert Ryan.....Timmins, Ontario

The program was completed under the direct supervision of J.C.Grant and all of the plotting and computor compilation was completed by P. Gauthier of Exsics.

GROUND PROGRAM,DENTON GRID:

The ground program was a two phase program consisting of a detailed line cutting phase and a follow-up geophysical phase. The line cutting consisted of an imperial grid being cut on a section of the claim group located in Denton Township. Nine lines of 1000 feet were cut on the claims. These lines were turned off of an east-west baseline which was first established from a point which had been located by Bill MacRae. The control point was necessary to incorporate the new program to and older existing program done on the property. The lines for the most part were spaced 400 feet apart.

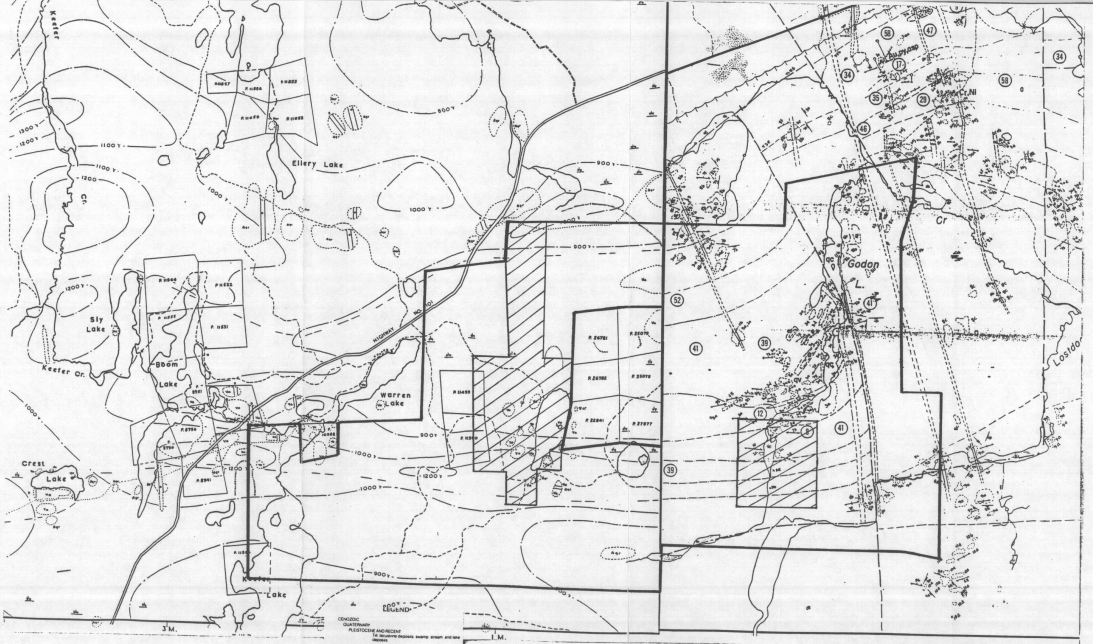
The second phase of the program was to cover the cut grid with and HLEM survey to explore the ground for a conductive horizon which could be a source for gold deposition. This was done with the MaxMin II system and specifications for this unit can be found as Appendix A of this report.

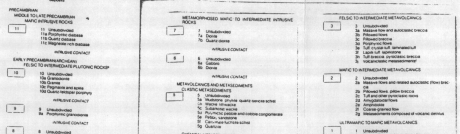


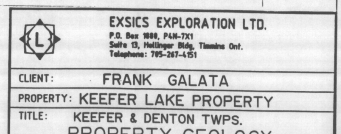
EXSICS EXPLORATION LTD.
P.O. Box 1000, P4N-7X1
Suite 13, Hollinger Bldg, Timmins Ont.
Telephone: 705-267-4151

CLIENT:	FRANK GALATA
PROPERTY:	KEEFER LAKE PROPERTY
TITLE:	KEEFER & DENTON TWPS. CLAIM SKETCH
	Fig. 3

Date: April 1997	Scale: 1"=1/2mile	NTS: G-3224
Drawn: P. Gauthier	Interp: J.C. Grant	Job No. E-198,237







EXSICS EXPLORATION LTD.
P.O. Box 1888, P4N-7X1
Suite 13, Hollinger Bldg., Timmins Ont.
Telephone: 705-267-4151

CLIENT:	FRANK GALATA
PROPERTY:	KEEFER LAKE PROPERTY
TITLE:	KEEFER & DENTON TWPS. PROPERTY GEOLOGY

Fig. 4

Date: April. 1997	Scale: 1"=1/2mile	NTS: P-2501
Drawn:	Interp: J.C. Grant	Job No. E-198,237

The following parameters were kept constant throughout the survey.

Linespacing	400 foot
Station spacing	100 foot
Reading interval	100 foot
Coil seperation	100 foot
Theoretical search depth	50-60 feet
Frequencies recorded	1777hz, 444hz
Parameters measured	inphase and quadrature components of the secondary field.
Unit accuracy	+/- 0.5 %

The collected data was then plotted directly onto a base map, one map for each frequency, and then profiled at 1cm to +/- 20%. All conductive zones were then placed onto the base maps and interpreted for depth and conductivity where possible.

SURVEY REULTS,RECOMMENDATIONS,DENTON GRID:

The HLEM survey was successful in locating and outlining two conductive zones on the grid. These zones have been labelled A and B and each of the zones will be discussed in detail.

Zone A is the most predominant feature on the grid and it strikes east-west across lines 300E to 1200E just to the north of the baseline. The zone represents a good bedrock conductor situated at a depth of 42 to 46 meters with a conductivity value od 15 mhos. The zone appears to dip slightly north to near vertical.

Zone B was noted on line 2000E at 400N and continues off of the grid to the east. Again this zone represents a good strong conductor situated at a depth of 65 meters and with a good conductivity of 32 mhos. The zone should be followed up to it's eastern extent.

Zone A should be followed-up with a detailed geological survey and drilling if the results of the geological survey are favourable.

GROUND PROGRAM,KEEFER GRID:

The Keefer program was also a two phase program. The first phase was to establish a detailed imperial grid across a section of the Keefer claims. This grid consisted of cross lines turned off at 400 foot intervals from an east-west baseline that was first cut across the middle of claim 833195. The majority of the cross lines were cut 1600 to 2400 feet south and 700 feet north of this baseline. One line, 1800E was cut to 6300N to explore the structure from the small lake on the grid to the north boundary of the claim group.

The second phase of the ground program was to complete a detailed IP survey across the grid. This was to outline a suitable geological horizon which would be consisdered a good target area for gold deposition. The survey was completed using the BRGM IP-4 receiver and the Scintrex, IPC-7, 2.5 kilowatt generator. Specifications for the systems can be found as Appendix B of this report. The following parameters were kept constant throughout the survey.

Line spacing	400 foot
Station spacing	100 foot.
Reading interval	100 foot
IP Survey method	Time Domain
Electrode array	Pole-Dipole
N's and "a" spacing	1-4, a=100 foot
Pulse duration	2 seconds on, 2 seconds off
Delay time	500ms
Integration time	420ms

The collected data has been presented as single line pseudo sections which show the contours for the chargeabilities and the apparent resistivity. A copy of these line sections are included in this report. A geophysical compilation of the IP survey results has been presented in base map form and it is included in the back pocket of this report.

SURVEY RESULTS,KEEFER GRID:

The IP survey was successful in locating and outlining 4 conductive horizons on the grid. Each of the zones has been labelled and they will be discussed in detail.

ZONE A:

This feature strikes east-west across the entire grid but appears to be interrupted across line 2600E, possibly by a north-northeast trending fault associated with the lake. The zone is represented by a moderate to weak chargeability high and moderately strong resistivity high. This would suggest a possible sulphide rich silica rich formation.

ZONE B:

This feature generally parallels to the south of Zone A and strikes across lines 1000E to 1800E and continues off of the grid to the southeast. It is also represented by a moderate chargeability high and a moderate resistivity high. Again this would suggest the presence of a sulphide rich silica rich unit.

ZONE C:

This feature is a weak zone at this writing and was just noted on the south tip of line 2600E. It is a very weak chargeability high with a very narrow resistivity high which may suggest it relates to the south shore line of the lake or the conductive lake bottom as it comes in contact with the shoreline.

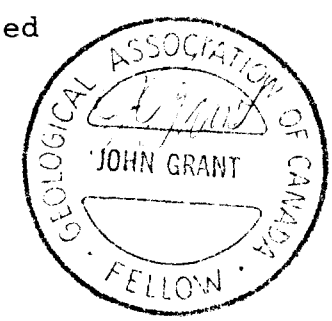
ZONE D:

This zone is also a weak questionable zone at this writing as it was noted on line 1800E only. It is represented by a broad weak chargeability high and a good resistivity high. It may relate to a minor sulphide rich, silica rich unit situated at the northwest corner of the lake.

CONCLUSIONS AND RECOMMENDATIONS

The survey was successful in outlining two good conductive zones, A and B. Both of these zones represent good sulphide units which should be follwed up further. A detailed geological and geochemical survey would better define the units and or explain them. If the geological surveys are encouraging, then a follow-up drill program should be done to test the two zones.

Respectfully submitted



J.C.Grant, CET, FGAC
April, 1997

CERTIFICATE

I, John C. Grant, hereby certify that:

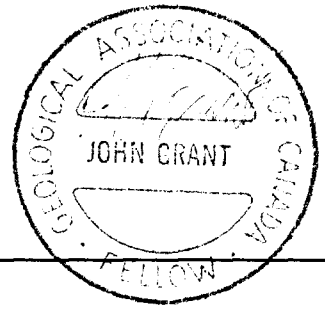
1) I am a graduate technologist, (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years), North Bay office and currently as Exploration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

2) I am a member in good standing of the Certified Engineering Technologist Association,(CET), since 1984

3) I am a Fellow of the Geological Association of Canada, (FGAC), since 1986.

4) I have been actively engaged in my profession since May of 1975, including all aspects of exploration studies, surveys and interpretation.

5) I have no specific or special interest in the described property. I have been retained as a Consulting Geophysicist by the Property holders.



John Charles Grant, CET, FGAC.

APPENDIX A

APEX MAXMIN II PORTABLE EM

Five frequencies: 222, 444, 888, 1777 and 3555 Hz.

Maximum coupled (horizontal-loop) operation with reference cable.

Minimum coupled operation with reference cable.

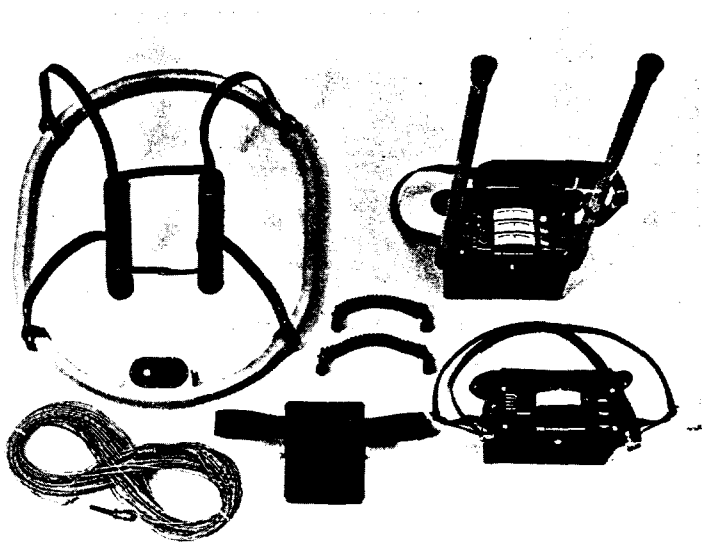
Vertical-loop operation without reference cable.

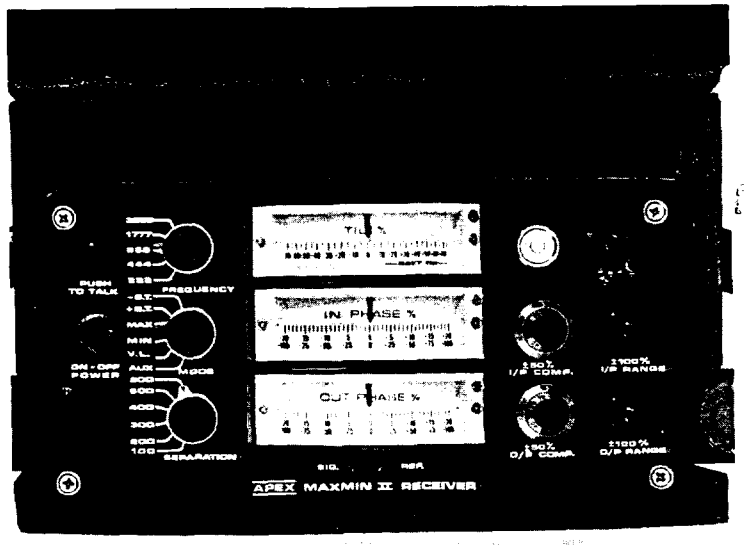
Coil separations: 25, 50, 100, 150, 200 and 250 m (with cable) or 100, 200, 300, 400, 600 and 800 ft.

Reliable data from depths of up to 180 m (600 ft).

Built-in voice communication circuitry with cable.

Tilt meters to control coil orientation.





SPECIFICATIONS

Frequencies: 222, 444, 888, 1777 and 3555 Hz.

Transmitter Coil Plane:
- MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with reference cable.
- MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.
- V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations: 25, 50, 100, 150, 200 & 250m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIIF). Coil separations in V.L. mode not restricted to fixed values.

Parameters Read:
- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.

Readout:
- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90mm edgewise meters in V.L. mode.

Scale Ranges:

In-Phase:	±20%, ±100% by push-button switch.
Quadrature:	±20%, ±100% by push-button switch.
Tilt:	±75% slope.
Null (V.L.):	Sensitivity adjustable by separation switch.

Repeatability: In-Phase and Quadrature: 0.25% to 0.5%; Tilt: 1%.

Repeatability: ±0.25% to ±1% normally, depending on conditions, frequencies and coil separation used.

Transmitter Output:
- 222Hz : 220 Atm²
- 444Hz : 200 Atm²
- 888Hz : 120 Atm²
- 1777Hz : 60 Atm²
- 3555Hz : 30 Atm²

Receiver Batteries: 9V trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

Transmitter Batteries: 12V 6Ah Gel-type rechargeable battery. (Charger supplied).

Reference Cable: Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Voice Link: Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

Indicator Lights: Built-in signal and reference warning lights to indicate erroneous readings.

Temperature Range: -40°C to +60°C (-40°F to +140°F).

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 13kg (29 lbs.)

Shipping Weight: Typically 60kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

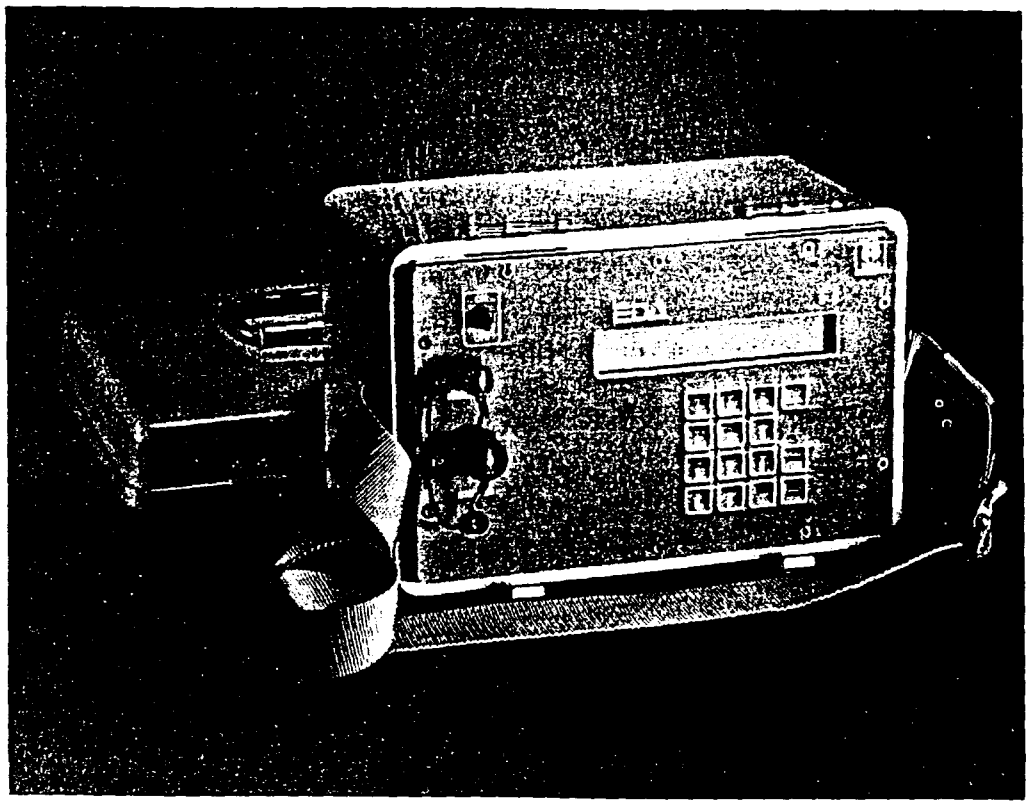
Specifications subject to change without notification.

APEX PARAMETRICS LIMITED
200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Phone: (416) 495-1612 Cables: APEXPARA TORONTO Telex: 06-966773 NORDVIK TOR

APPENDIX B

IP-4
four Dipole
Time Domain IP Receiver



Major Benefits

- 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.
nput 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.
nput Voltage Protection	Up to 1000 volts.
/p 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.
utomatic SP Compensation	±1 volt with linear drift correction up to 1 millivolt/second.
Input Impedance	10 megohm.
ample Rate	10 milliseconds.
utomatic 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.
emory 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.
nsole 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.
eight 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.
played 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.
ilable 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 TOPONTO
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

PRINTED IN CANADA

IPC-7/2.5kW Induced Polarization and Commutated DC Resistivity Transmitter

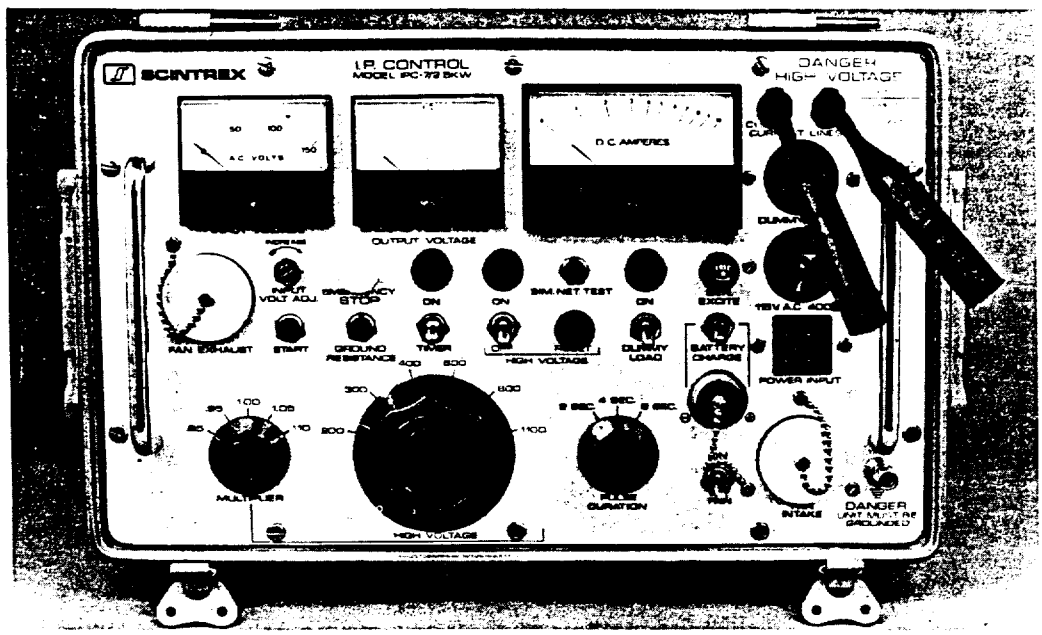
The IPC-7/2.5kW is a medium power transmitter system used under a wide variety of geophysical, climatic and topographic conditions. It consists of an electronic console, a motor-generator and a dummy load which takes the power load during parts of the time domain cycle when current is not transmitted into the ground.

The compact design of this system makes it portable and highly versatile for use with a wide variety of electrode arrays.

The IPC-7/2.5kW features an overload protection circuit and an open loop circuit which protects both the instrument and the operators. The built-in ohmmeter permits verification that the current dipole circuit is grounded which is not only a safety feature but also allows selection of adequate current for proper signal at the receiver.

Very high period time stability is ensured by a crystal-controlled programmer making the IPC-7/2.5kW ideal for broadband spectral induced polarization measurements.

The transmitter console has a maximum current output of 10 A and a voltage output ranging from 200 — 1210 V DC. When coupled with the 2.5kW motor-generator, the maximum output power of this overall system is 1.85kW which results in a very favorable powerweight ratio.



Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Transaction Number (office use)
W9860.00796
Assessment Files Research Imaging

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

ied under the authority of subsections 65(2) and 66(3) of his information is a public record. This information will th the mining land holder. Questions about this collection Ministry of Northern Development and Mines, 3rd Floor, 933

42A05SE2004 2.18937 DENTON 900

RECEIVED
SEP 30 1998
4:25 PM
PORCUPINE MINING DIVISION

Instructions: - For work performed on Crown Lands before **recording** a claim, use
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
MR FRANK GALATA	134600
Address 12 LEGUME RD	Telephone Number 416 741 5078
WESTON ONTARIO M9M 1Z5	Fax Number 416 741 5078
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling stripping, trenching and associated assays ☐ Rehabilitation

Work Type	Office Use
line cutting + HLEM - MAX MIN II	Commodity
	Total $ Value of Work Claimed $575
Dates Work Performed From SEPT. 96 (Day / Month / Year) To ~~MARCH 1997~~ (Day / Month / Year)	NTS Reference
Global Positioning System Data (if available)	Township/Area DENTON TWP.
	M or G-Plan Number
	Mining Division Porcupine
	Resident Geologist District Timmins

Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
EXSICS EXPLORATION LTD	705-267-4151
Address P.O. Bx 1880, TIMMINS ONT P4N 7X1	Fax Number 705-264 5790
	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
OCT 02 1998 9:30
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, William E. MacRae (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
	Sept 30/98

P.O. Bx 417 TIMMINS P4N 7E3 Phone 705 267 3081 Fax 705 267 3081

Deemed December 29/98

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form. 64860.00796

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	949923	1	381			381
2	949922	1	87			87
3	947854	1	107			107
4						
5						
6						
7				[illegible]	[illegible]	
8						
9						
10						
11						
12						
13						
14						
15						
	Column Totals	3	575	—	—	575

I, William MacRae (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
William MacRae	Sept 28/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

RECEIVED
OCT 0 2 1998
GEOSCIENCE ASSESSMENT OFFICE

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use) W9860.00796

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
linecutting &	54 readings / 2.67Km	$21.278	1149.
HLEM (MAX-MIN II)	~~92 readings / 4.54 Km of~~ linecutting		~~1149.00~~
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	1149.

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OCT 22 1998
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK 1149 x 0.50 = 575. Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, William Murphy, do hereby certify, that the amounts shown are as accurate as may reasonably
(please print full name)
be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as agent I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

Signature: William Murphy Date: Sept 30/98

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Transaction Number (office use)
W9860.00797
Assessment Files Research Imaging

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this information is a public record. This information will be used for matters related to the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

RECEIVED
SEP 30 1998
9:25 am C
PORCUPINE MINING DIVISION

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name MR. FRANK GALATA	Client Number 134600
Address 12 LEGUME RD	Telephone Number 416-741-5078
WESTON ONTARIO M9M 1Z5	Fax Number 416 741-5078
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling stripping, trenching and associated assays ☐ Rehabilitation

Work Type ~~Linecutting - HELEN (MAY-MUSI) DEACON TWP~~ linecutting + IP - KEEFER TWP.			Office Use: Commodity
			Total $ Value of Work Claimed $10178
Dates Work Performed ~~SEPT 1996~~ From Day / Month / Year AND MARCH 1997 To Day / Month / Year			NTS Reference
Global Positioning System Data (if available)	Township/Area ~~DEACON~~ KEEFER TWP		Mining Division Porcupine
	M or G-Plan Number		Resident Geologist District Timmins

Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name EXSICS EXPLORATION LTD	Telephone Number 705 267 4151
Address P.O. Box 1880, Timmins, Ont. P4N 7X1	Fax Number 705 264 5790
Name	Telephone Number (264 5790)
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
OCT 22 1998 9:30
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, William E MacRae (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date Sept 30/98
Agent's Address P.O. Box 417 Timmins Ont. P4N 7E3	Telephone Number 705-267-3081	Fax Number 705-267-3081

Deemed December 29/98

KEEFER

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

9860.00797

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	P949074 •	1	3,461.	—		3,461.
2	P947887 •	1	488.	—		488.
3	P947870 •	1	641.	—		641.
4	P947875 •	1	743.	—		743.
5	P947879 •	1	1,140.	—		1,140.
6	P817605 •	1	1,975.	—		1,975.
7	P817608 •	1	193.	—		193.
8	P833195 •	1	1,384.	—		1,384.
9	P947880 •	1	153.	—		153
10						
11						
12						
13						
14						
15						
	Column Totals	9	10,178			10,178

I, William E. MacRae (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
[signature]	Sept 30/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

RECEIVED
OCT 2 [illegible]
GEOSCIENCE ASSESSMENT OFFICE

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)

W9860.00797

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
~~Line cutting~~	~~82 readings / 4.5 Km of linecutting~~		
~~ITEM - May min II - Denton~~			
Line cutting			
IP survey - KEEFER	206 readings / 7.5Km of linecutting	$49.408	10,178.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, William E. Mackie (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as agent (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

RECEIVED
OCT 2 [illegible] 9:30
GEOSCIENCE ASSESSMENT OFFICE

Signature: William E. Mackie Date: Sept 30/98

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

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

Telephone: (888) 415-9846
Fax: (877) 670-1555

November 18, 1998

FRANK GALATA
12 Legume Road
Weston, Ontario
M9M-1Z5

Dear Sir or Madam:

Submission Number: 2.18937

Subject: Transaction Number(s):		**Status**
	W9860.00796	Deemed Approval
	W9860.00797	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

)RIGINAL SIGNED BY
lair Kite
ıpervisor, Geoscience Assessment Office
ıing Lands Section

Correspondence ID: 13095

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18937

Date Correspondence Sent: November 18, 1998 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00796	949923	DENTON	Deemed Approval	November 18, 1998

Section:
14 Geophysical EM

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00797	949074	KEEFER	Deemed Approval	November 18, 1998

Section:
14 Geophysical IP

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

W. MacRae
TIMMINS, ONTARIO

FRANK GALATA
Weston, Ontario

Correspondence ID: 13095

REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M + S – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	Ex.
(R1)	SEC. 43/70		FEB 3/66	M + S	195150
(R2)	DANA AND JOWSEY PARK RESERVE SEC. 36/80 W.68/83		NOV. 18/83	M.R.O.	
(R4)	RESERVED FOR PUBLIC USE				195150
(R5)	SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER NO. NRW 94/84 DATED 84 JULY 04 (WASTE DISPOSAL SITE)				
(R6)	SEC. 35/90	W-P-48/98	98/11/01	M&S	195150
(R7)	SEC. 35/90	W-P-49/98	98/11/18	M&S	195150

SAND AND GRAVEL

(G1)	M.T.C.	PIT 1417	LEASE 104251
(G2)	M.T.C.	PIT 1236	LEASE 104251
(G3)	M.T.C.	PIT 1470	
(G4)	M.T.C.	PIT 1331	

DATE OF ISSUE

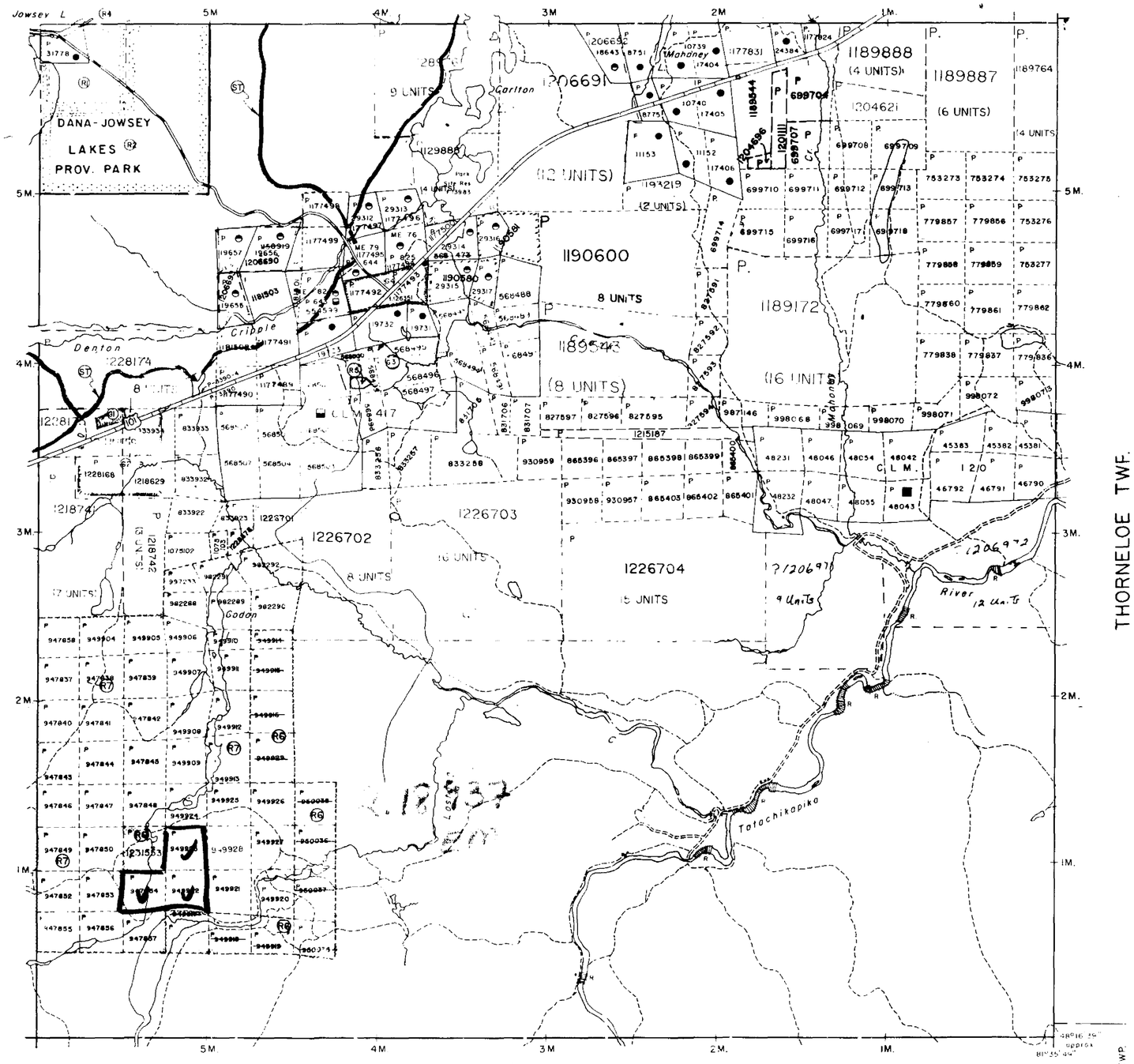
PROVINCIAL RECORDING OFFICE SUDBURY

(ST) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT
NOTICE RECEIVED 92-DEC-21
SNOWMOBILE TRAILS

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 CON

42A05SE2004 2.18937 DENTON 200

CARSCALLEN TWP.



KEEFER TWP.

THORNELOE TWP.

McKEOWN TWP.

REYNOLDS TWP.

LEGEND

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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 400 1000 2000
1 KM 2 KM

TOWNSHIP

DENTON

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

Ontario Ministry of Natural Resources — Land Management Branch

Date MARCH, 1985

ACTIVATED AUGUST 17, 1992 BY D.S.

CHECKED BY B.B.

Number G-3224

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	File
R1	SEC. 43/70 W.26/77		11/3/77	S.R.O	188543
R2	SEC. 42/60		02/3/66	M.+S.	17502E
R3	SEC. 42/60		10/7/66	M.+S.	14913
R4	DANA AND JOWSEY LAKES PARK RESERVE SEC 36/80 W.66/83			M+S	
R5	DUMPING STATION				
R6	SEC. 35/90	W-P-48/98	98/11/11	M&S	195150
R7	SEC. 35/90	W-P-49/98	98/11/18	M&S	195150

SAND AND GRAVEL

(G1) M.T.C. PIT 1593

(G2) GRAVEL FILE 44986

(S1) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT
NOTICE RECEIVED 92/DEC/21
SNOWMOBILE TRAILS

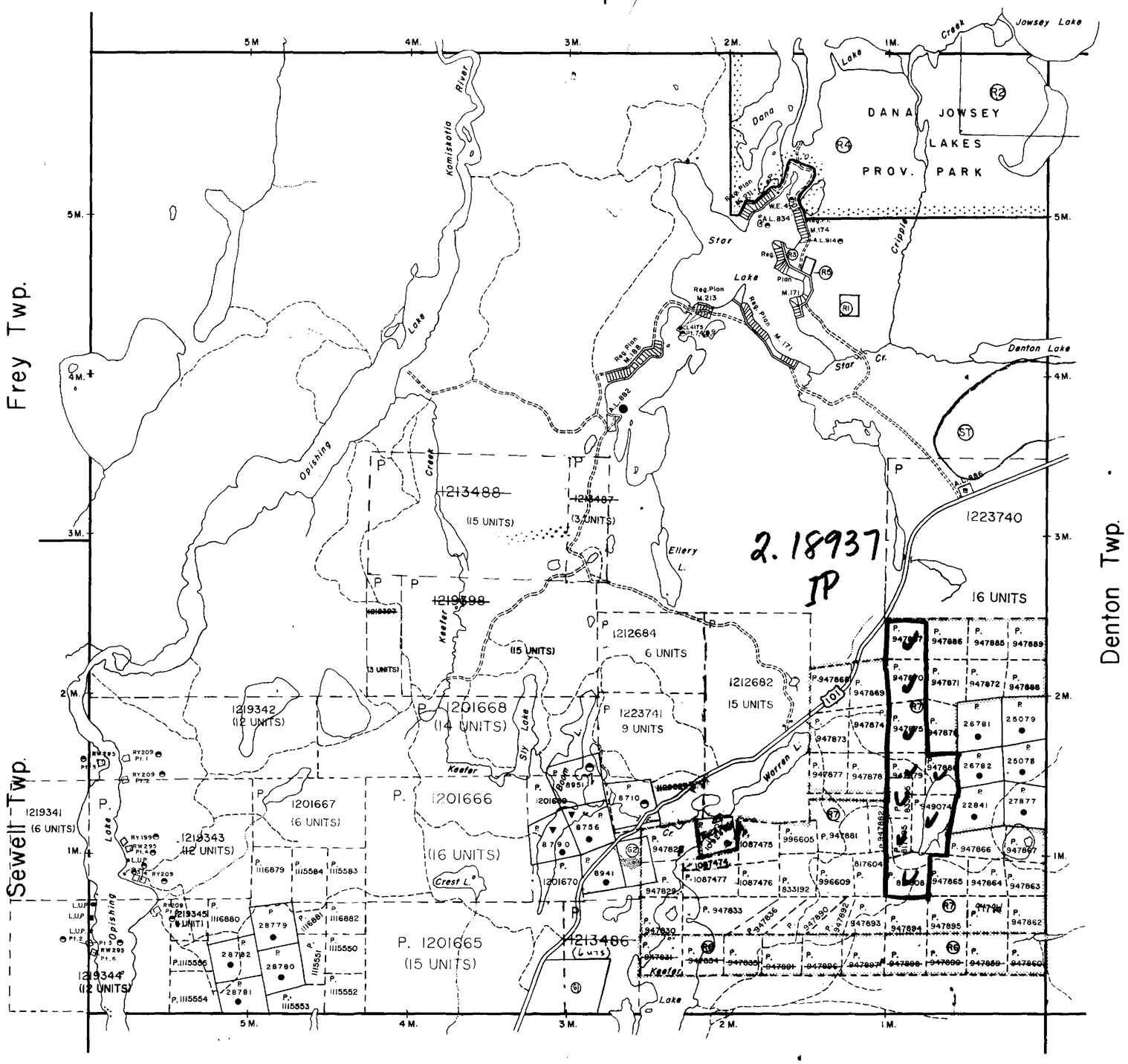
DATE OF ISSUE

NOV 20 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

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

42A05SE2004 2.18937 DENTON 210



K. Kalamov

LEGEND

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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 2000
(1 KM) (2 KM)

TOWNSHIP

KEEFER

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

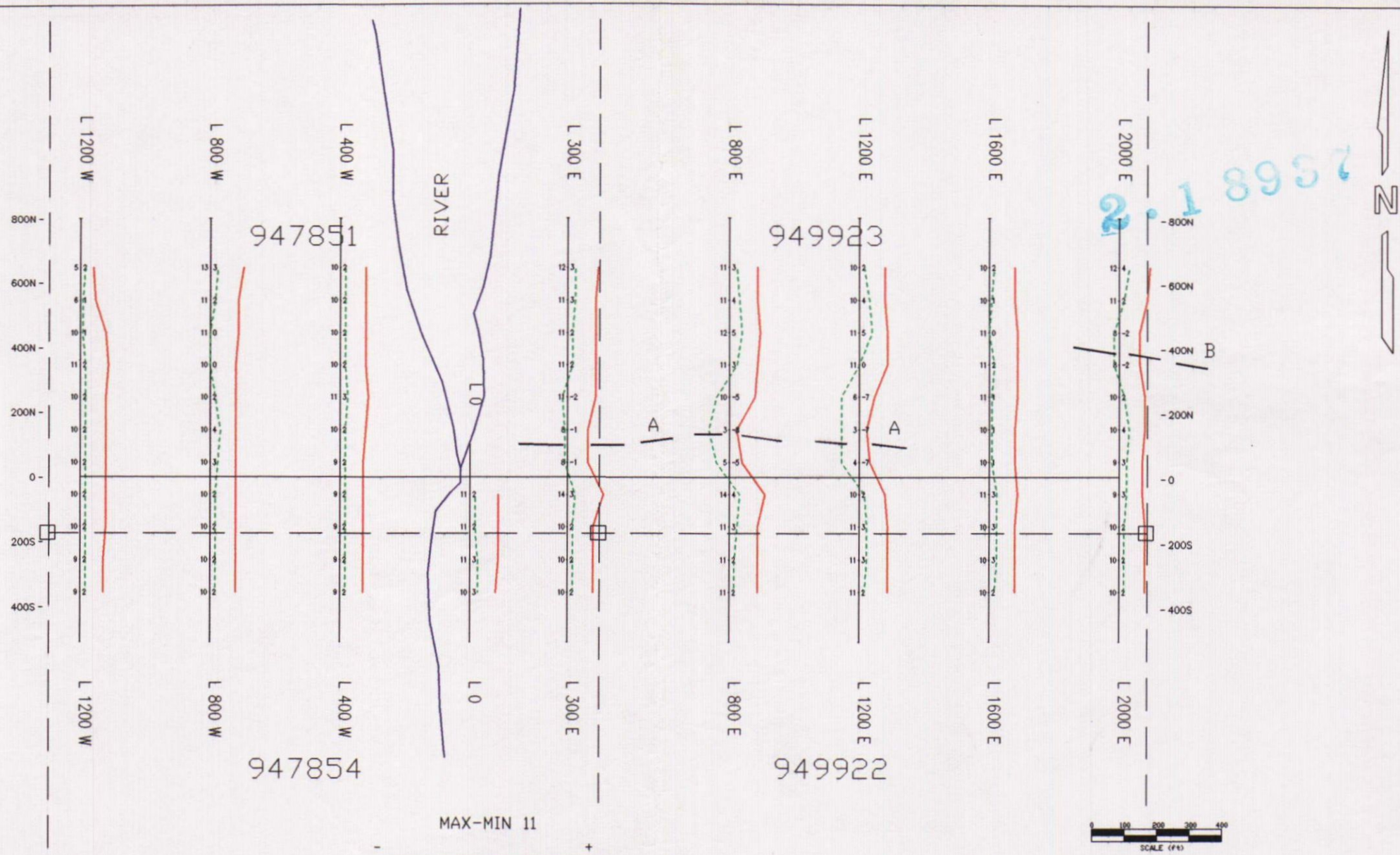
PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE

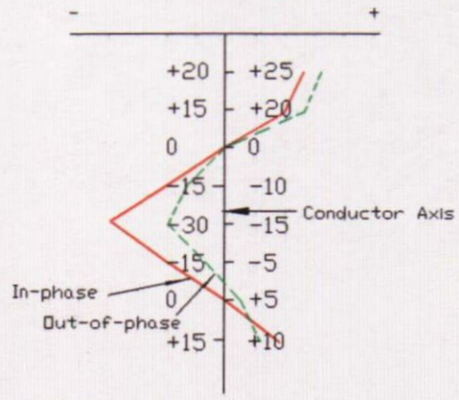
Ontario Ministry of Natural Resources — Land Management Branch

Date	Number
MARCH, 1985	G-3237
ACTIVATED BY: D.M. SEPT. 21/95	
CHECKED BY: D.C.	



2.18937

MAX-MIN 11



LEGEND

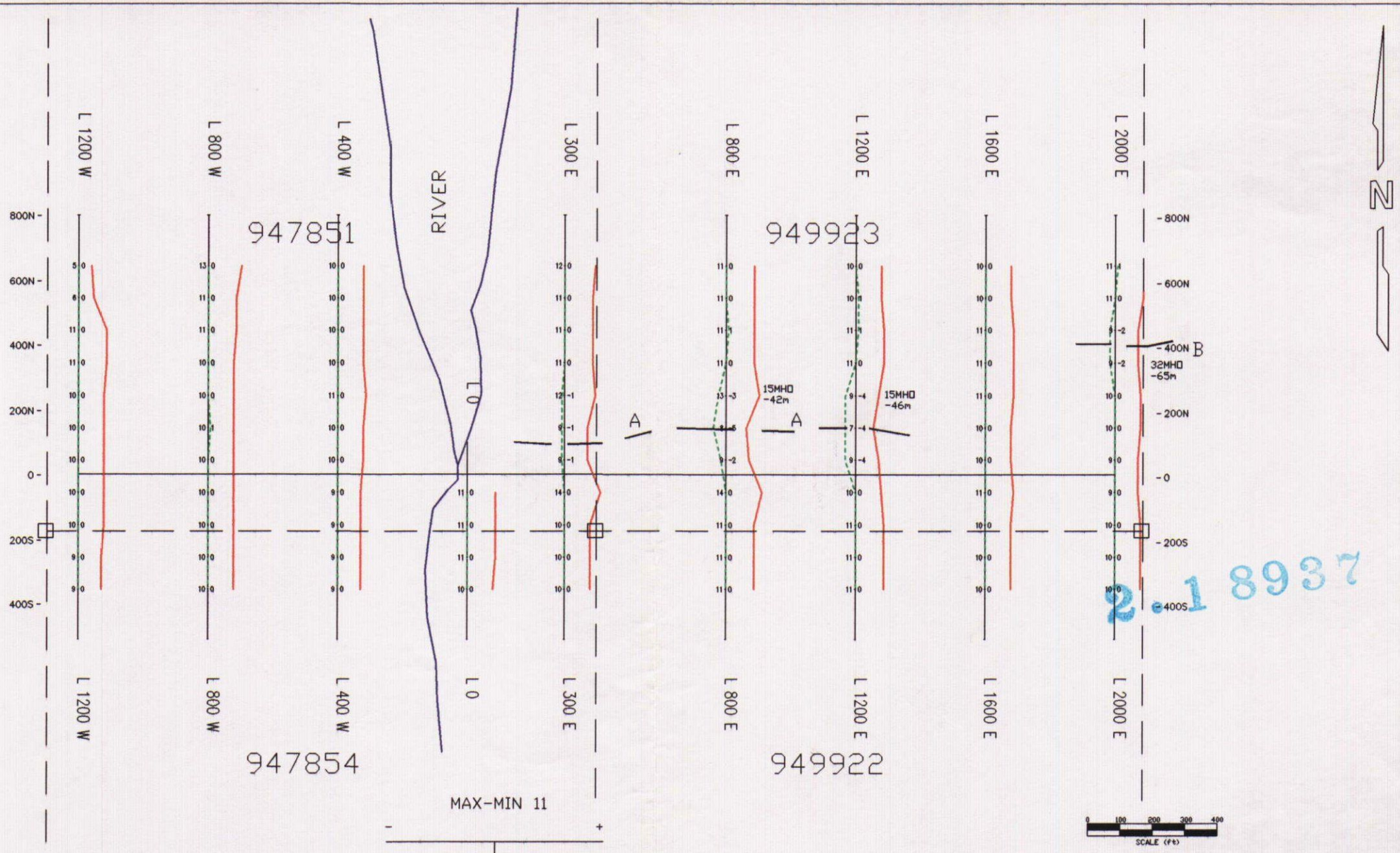
Instrument: Apex Parametrics Max-Min 11
Mode: Maximum Coupled, Horizontal Loop Survey
Parameters Measured: Inphase (%)
Out of phase (%)
Frequency: 1777 Hz
Coil Seperation: 100m
Operator: R. & R. Mathieu
Profile Scale: 1cm=+/-20%

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

CLIENT: FRANK GALATA
PROPERTY: KEEFER LAKE PROPERTY
TITLE: KEEFER & DENTON TWPS.

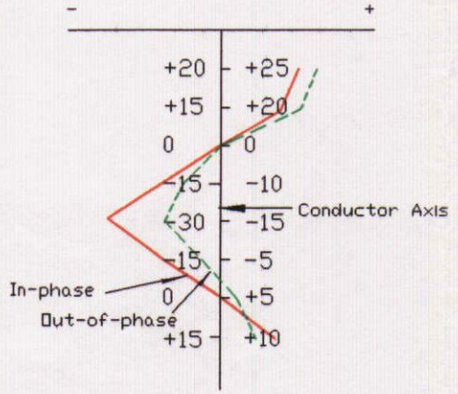
MAX-MIN II 1777 Hz

Date: Sept. 1996	Scale: 1"=400'	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-198



2.18937

MAX-MIN 11



LEGEND

Instrument: Apex Parametrics Max-Min 11
Mode: Maximum Coupled, Horizontal Loop Survey
Parameters Measured: Inphase (%)
Out of phase (%)
Frequency: 444 Hz
Coil Seperation: 100m
Operator: R. & R. Mathieu
Profile Scale: 1cm=+/-20%

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

CLIENT: FRANK GALATA
PROPERTY: KEEFER LAKE PROPERTY
TITLE: KEEFER & DENTON TWPS.

MAX-MIN II 444 Hz

Date: Sept. 1996	Scale: 1"=400'	NTS:
Drawn: P.Gauthier	Interp: J.C.Grant	Job No.: E-198

LEGEND

- CHARGEABILITY HIGH
- RESISTIVITY HIGH
- RESISTIVITY LOW
- IP CONDUCTOR AXIS

2.18937

0 200 400 600 800
SCALE (ft)

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

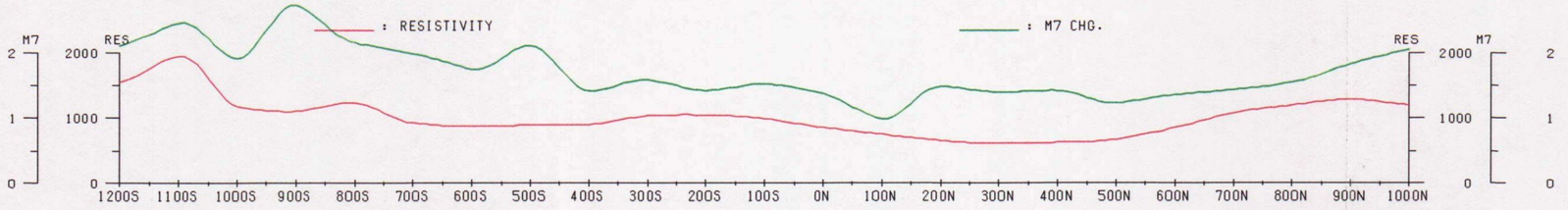
CLIENT: FRANK GALATA

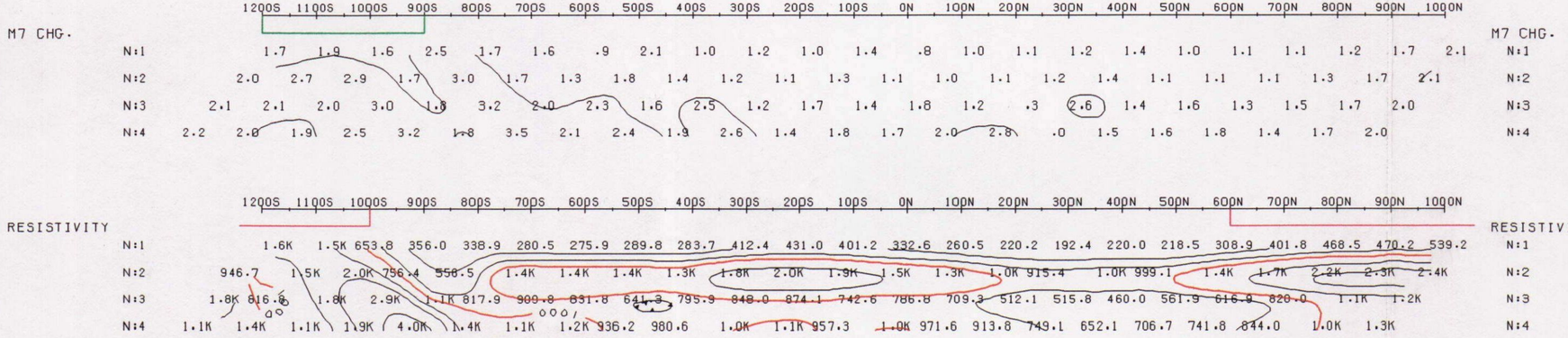
PROPERTY: KEEFER LAKE PROPERTY

TITLE: KEEFER TWP

IP COMPILATION

Date:April 1997	Scale: 1"=200'	NTS:
Drawn:P.Gauthier	Interp: J.C.Grant	Job No.:E-237

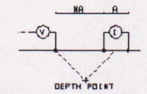




LINE : 2600 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

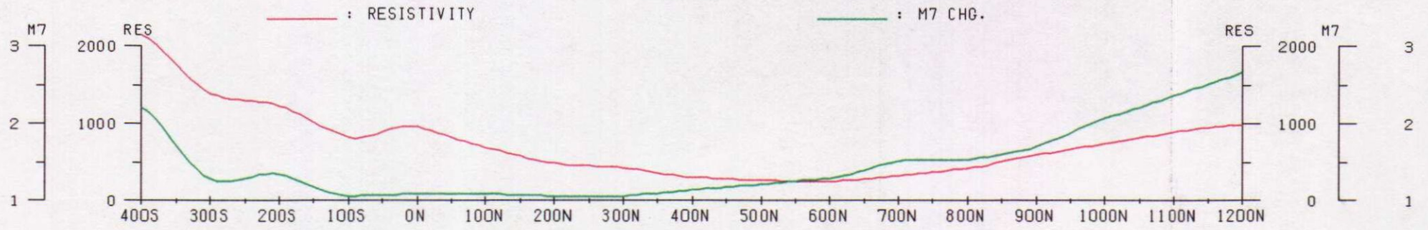
KEEFER LAKE PROPERTY

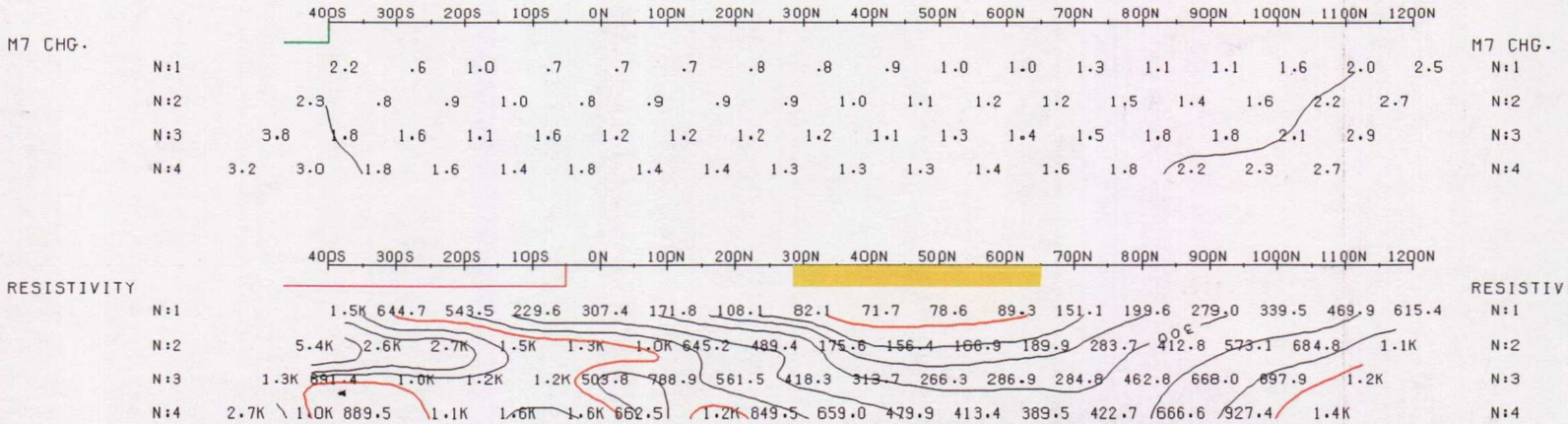
KEEFER TWP.

DATE : MAR 1997 | REF : E237

SCALE = 1: 2400

EXSICS EXPLORATION LTD.

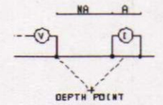




LINE : 3000 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

KEEFER LAKE PROPERTY

KEEFER TWP.

DATE : MAR 1997 | REF : E237

SCALE = 1: 2400

EXSICS EXPLORATION LTD.

LINE : 1800 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY

N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

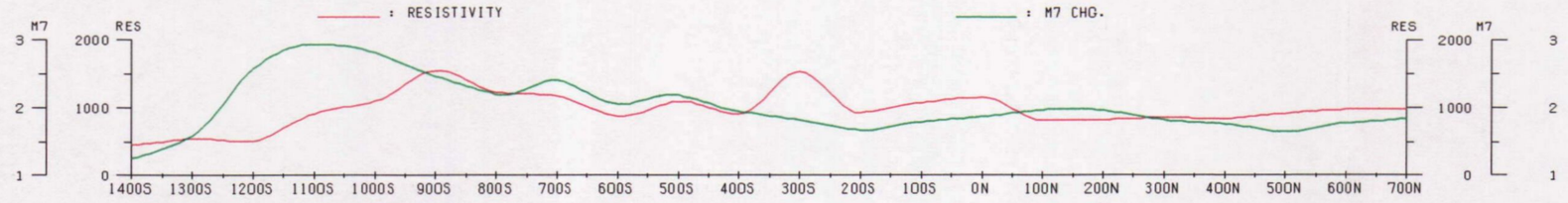
KEEFER LAKE PROPERTY

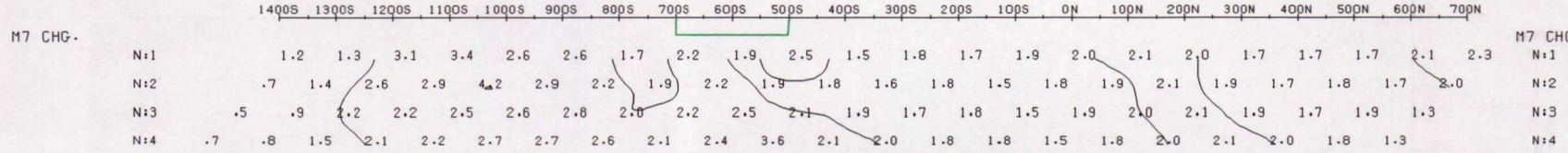
KEEFER TWP.

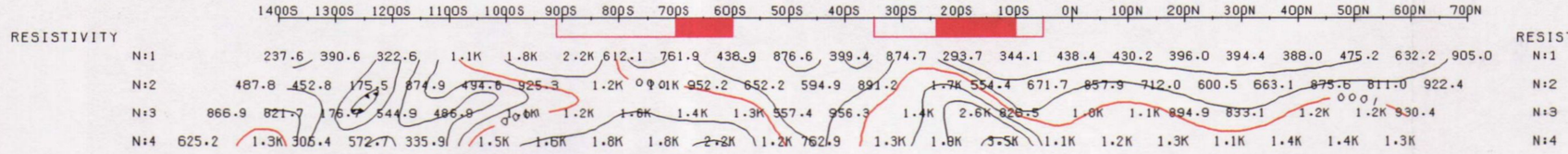
DATE : MAR 1997 | REF : E237

SCALE = 1: 2400

EXSICS EXPLORATION LTD.



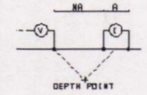




LINE : 2200 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

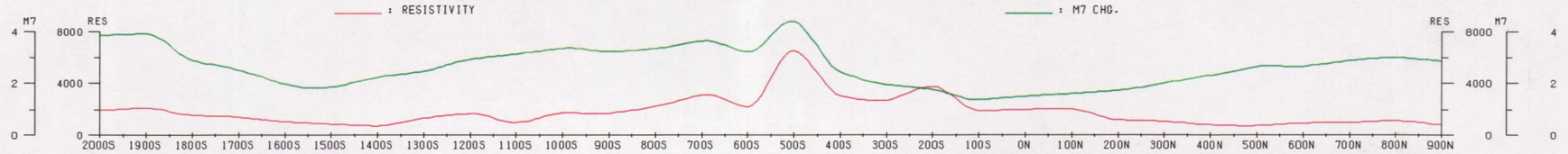
KEEFER LAKE PROPERTY

KEEFER TWP.

DATE : MAR 1997 | REF : E237

SCALE = 1: 2400

EXSICS EXPLORATION LTD.



M7 CHG.

	2000S	1900S	1800S	1700S	1600S	1500S	1400S	1300S	1200S	1100S	1000S	900S	800S	700S	600S	500S	400S	300S	200S	100S	0N	100N	200N	300N	400N	500N	600N	700N	800N	900N	
N:1			3.5	3.8	2.3	2.1	1.4	1.5	1.9	2.2	2.7	2.8	2.8	2.4	2.5	2.9	1.8	4.3	1.1	1.1	1.2	1.3	1.4	1.6	1.8	2.1	2.5	2.8	2.6	2.7	2.9	2.7	N:1
N:2		4.1	3.8	3.7	2.3	2.1	1.4	1.5	2.5	2.8	3.1	2.9	3.6	3.1	3.2	3.3	3.6	4.7	1.3	1.1	1.4	1.4	1.6	1.8	1.7	2.1	2.8	2.4	3.0	2.9	2.9		N:2
N:3	4.4	4.1	3.5	3.8	2.3	1.9	1.4	1.9	3.0	3.0	3.1	3.2	3.9	3.6	3.5	4.2	3.9	4.8	1.3	1.1	1.4	1.4	1.3	1.8	1.8	1.6	2.5	2.4	2.9	3.1	2.9		N:3
N:4	4.5	4.5	3.9	3.6	3.9	2.7	2.1	1.9	2.4	3.5	3.2	3.5	3.8	4.5	4.0	4.2	4.4	3.8	5.1	1.5	1.2	1.4	1.6	1.7	1.8	1.7	2.0	2.7	3.2	3.1			N:4

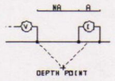
RESISTIVITY

	2000S	1900S	1800S	1700S	1600S	1500S	1400S	1300S	1200S	1100S	1000S	900S	800S	700S	600S	500S	400S	300S	200S	100S	0N	100N	200N	300N	400N	500N	600N	700N	800N	900N	
N:1			1.3K	1.4K	769.4	780.6	518.3	460.1	442.6	841.7	891.6	179.5	520.1	756.2	1.7K	3.4K	1.8K	6.6K	1.3K	1.1K	1.7K	994.6	1.1K	1.3K	648.7	512.7	321.0	243.8	367.0	414.2	428.2	301.8	N:1
N:2		1.6K	1.9K	2.3K	998.8	814.6	875.1	670.7	598.8	1.7K	542.0	1.3K	1.0K	1.3K	4.0K	2.3K	2.7K	9.8K	1.2K	2.5K	2.2K	1.7K	1.9K	1.3K	1.1K	710.8	363.6	572.2	885.8	1.0K	560.5		N:2
N:3	2.2K	2.1K	2.6K	2.6K	935.7	1.2K	1.1K	846.1	929.8	773.7	3.1K	2.1K	1.4K	2.4K	2.3K	3.4K	3.2K	7.4K	2.1K	2.6K	3.0K	2.6K	1.6K	1.8K	1.2K	697.2	695.4	1.1K	1.7K	1.2K			N:3
N:4	1.9K	2.7K	2.7K	2.7K	2.4K	1.3K	1.4K	1.3K	1.2K	375.3	3.7K	4.2K	2.5K	2.3K	1.3K	3.0K	3.5K	2.2K	12.5K	2.0K	3.4K	4.3K	2.0K	2.1K	1.8K	1.0K	1.2K	1.2K	1.9K	1.8K			N:4

LINE : 1000 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

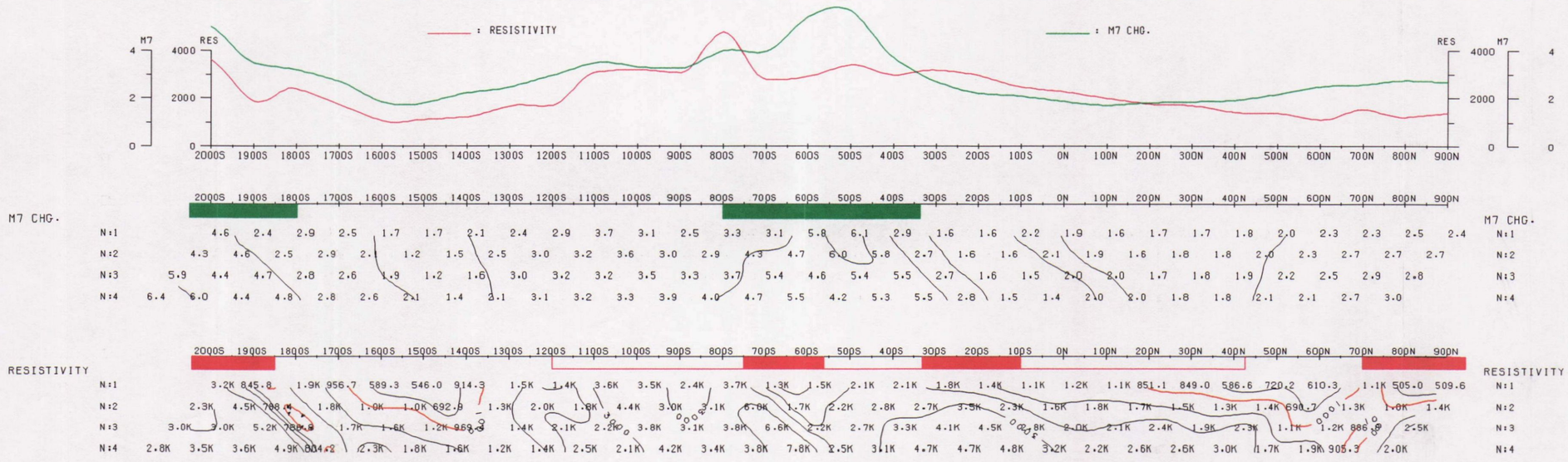
KEEFER LAKE PROPERTY

KEEFER TWP.

DATE : MAR 1997 | REF : E237

SCALE = 1: 2400

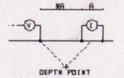
EXSICS EXPLORATION LTD.



LINE : 1400 E

INDUCED POLARIZATION SURVEY

POLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
"A" SPACING = 100.0 FEET

FRANK GALATA

KEEFER LAKE PROPERTY

KEEFER TWP

DATE : MAR 1997 | REF : E-237

SCALE = 1: 2400

EXSICS EXPLORATION LTD