010

GEOPHYSICAL REPORT

FOR

BELMORAL PORCUPINE RESOURCES LIMITED/
WAYNE HOMESTEAD

ON

ADAMS TOWNSHIP PROPERTY
Porcupine Mining Division
Northeastern Ontario

Prepared by:
JOHN GRANT

J. C. Grant, C.E.T., F.G.A.C.
Geophysicist, Exsics Exploration
October 28, 1986

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PROPERTY

The group of claims held by Belmoral Porcupine Resources Limited was also known as the Belmoral Porcupine Gold Mines Limited. As early as 1945-47 the property was found to contain scattered gold values ranging from "0.24 to 0.63 ounces of gold to the ton" concentrated in a northeast-trending carbonatized shear zone.

INTRODUCTION

This report will deal with the results of a magnetic and VLF dip and field strength surveys carried out over a block of 8 contiguous unpatented mining claims. The entire block is located in the north central section of Adams Township, Porcupine Mining Division, Timmins, Ontario.

The claim numbers which make up the block are as follows:

LOCATION	CLAIM #
Adams Township	P-814128
"	814129
"	814130
"	814131
"	814132
"	814133
"	814134
"	814135

(refer to Claim Block Sketch, Figure 3)

LOCATION AND ACCESS

The block of claims is located approximately 8 miles south of the City of Timmins. More specifically, the block is 1/2 of a mile south of the north Township line between Deloro and Adams Townships with the west and east boundaries of the block situated between the 3.5 mile and 2.5 mile marker posts of the Adams-Deloro Township line.

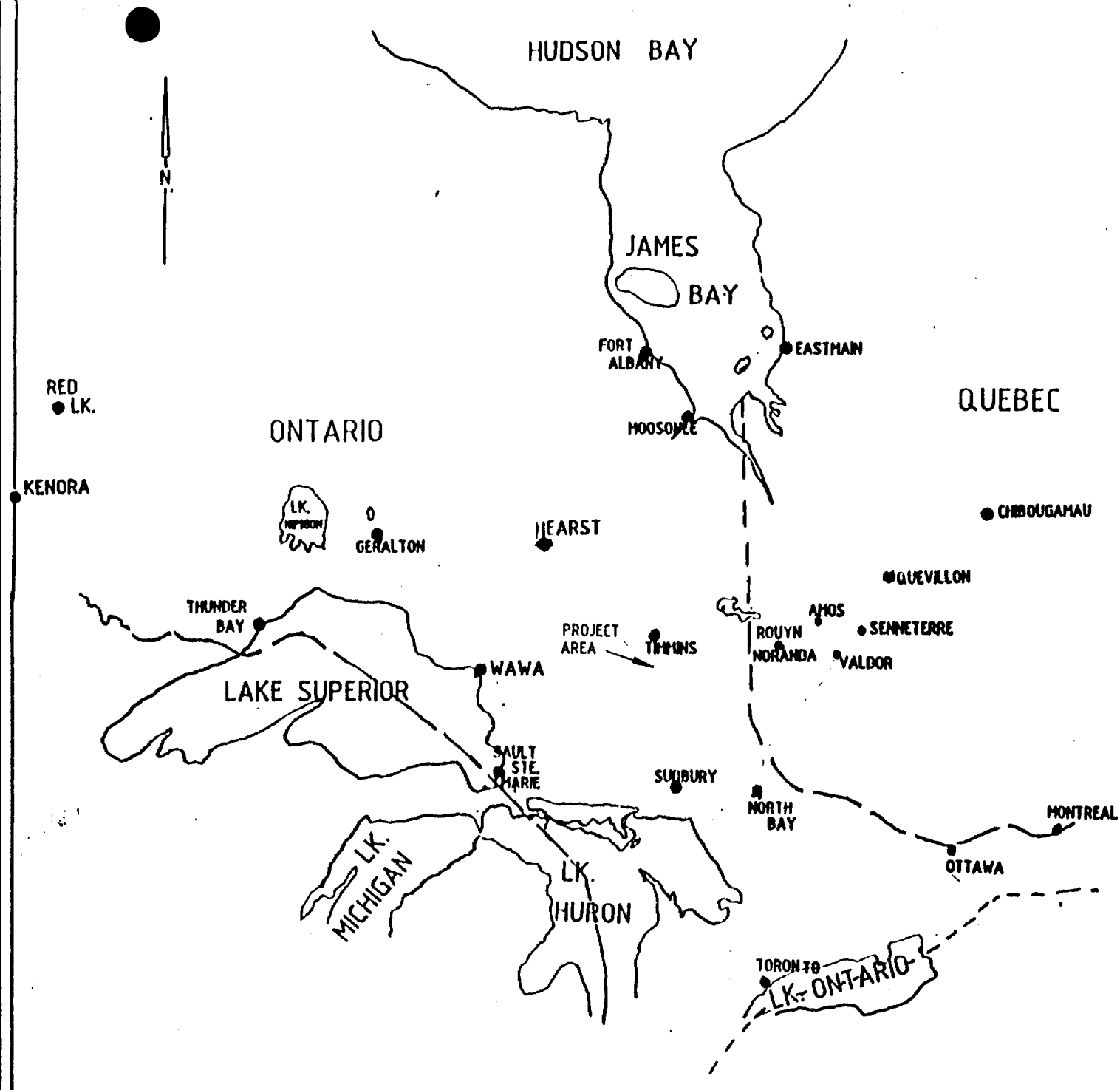
Access to the property is via a good all-weather road which extends south from Timmins along the west side of the township. Two additional roads, suitable for trucks, extend from the Romfield Building Corporation Limited property (Buffalo Ankerite Mine) in Deloro Township to the northern part of Adams Township (refer to Figures 1 and 2, Location Maps).

LINECUTTING PROGRAM

A detailed metric grid was established across the block to cover the claims from boundary to boundary. An east-west baseline was established across the centre of the block and was cut and chained from L600ME to L700MW. Crosslines were turned off of this baseline at 100 meter intervals, cut to the north and south boundary of the group and chained with 25 meter stations (refer to Figure 4, Grid Sketch). In all, a total of 8.2 miles (13.2 km) of grid and baselines were established.

GEOPHYSICAL PROGRAM

Alquest Exploration Services Limited was contracted to complete a total field magnetic survey and a VLF EM survey. All of the grid lines were read during each of the surveys.

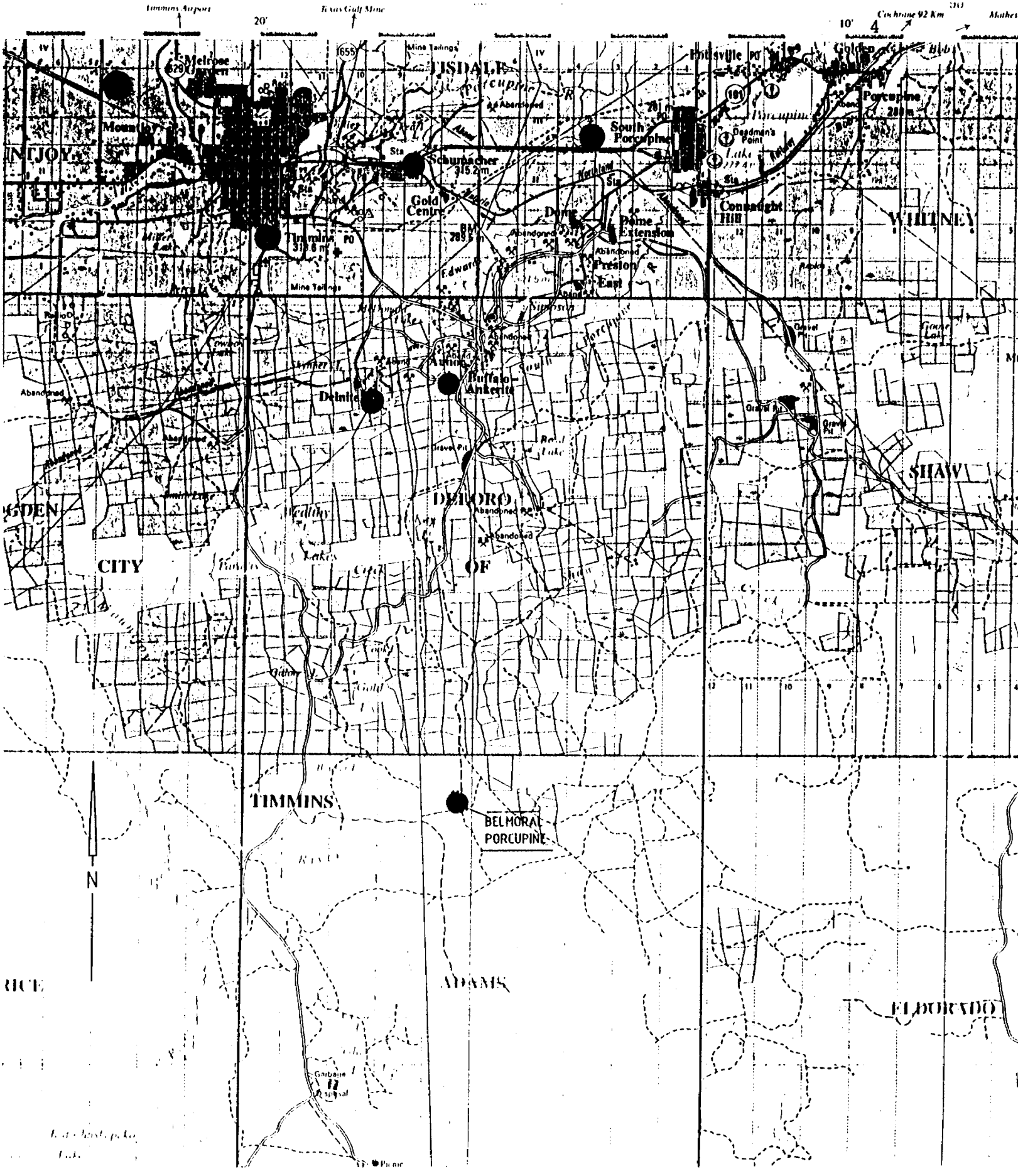


BELMORAL PORCUPINE

LOCATION MAP

scale: 1" = 125 miles

fig, 1

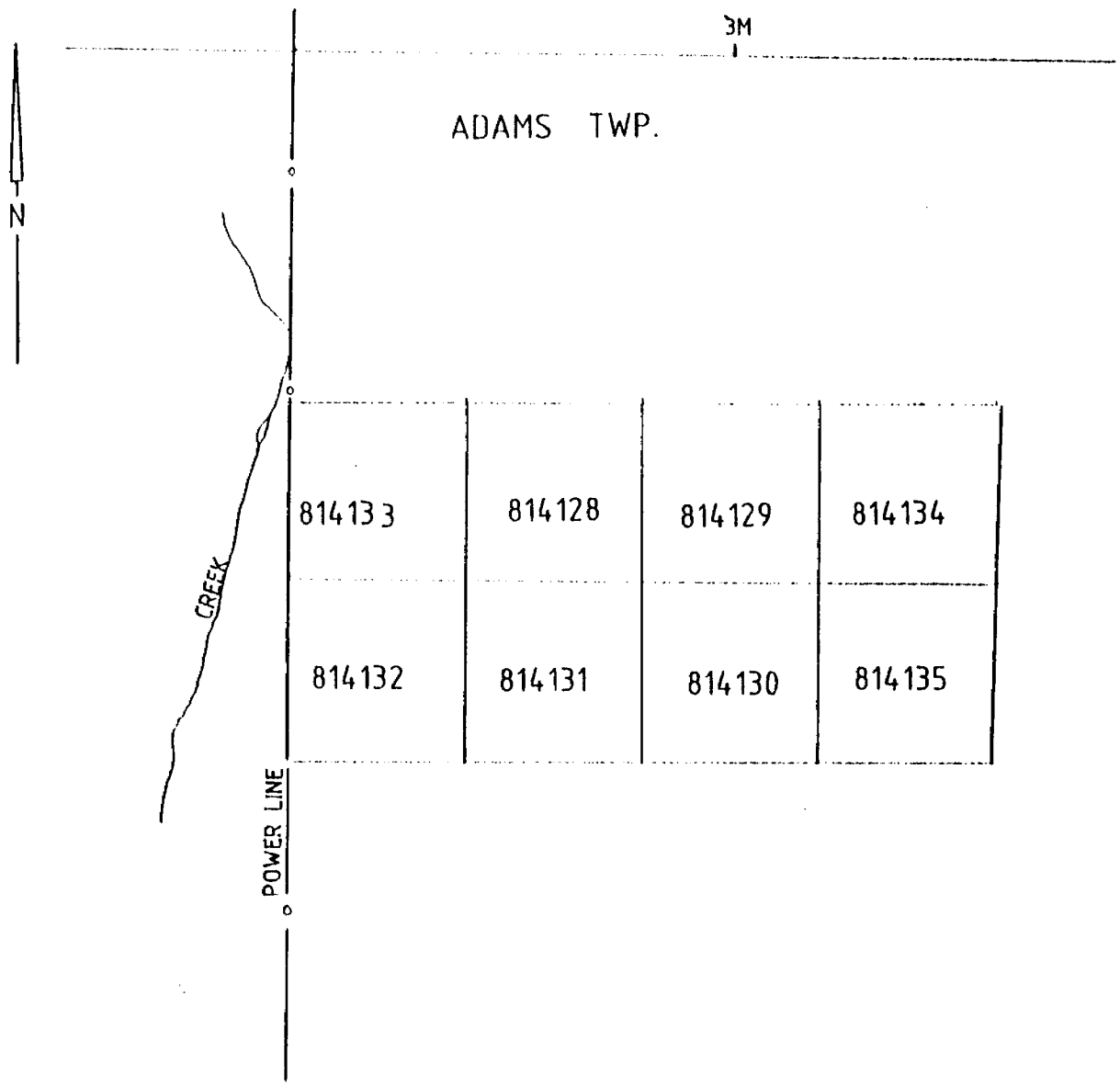


BELMORAL PORCUPINE

LOCATION MAP

1: 100,000

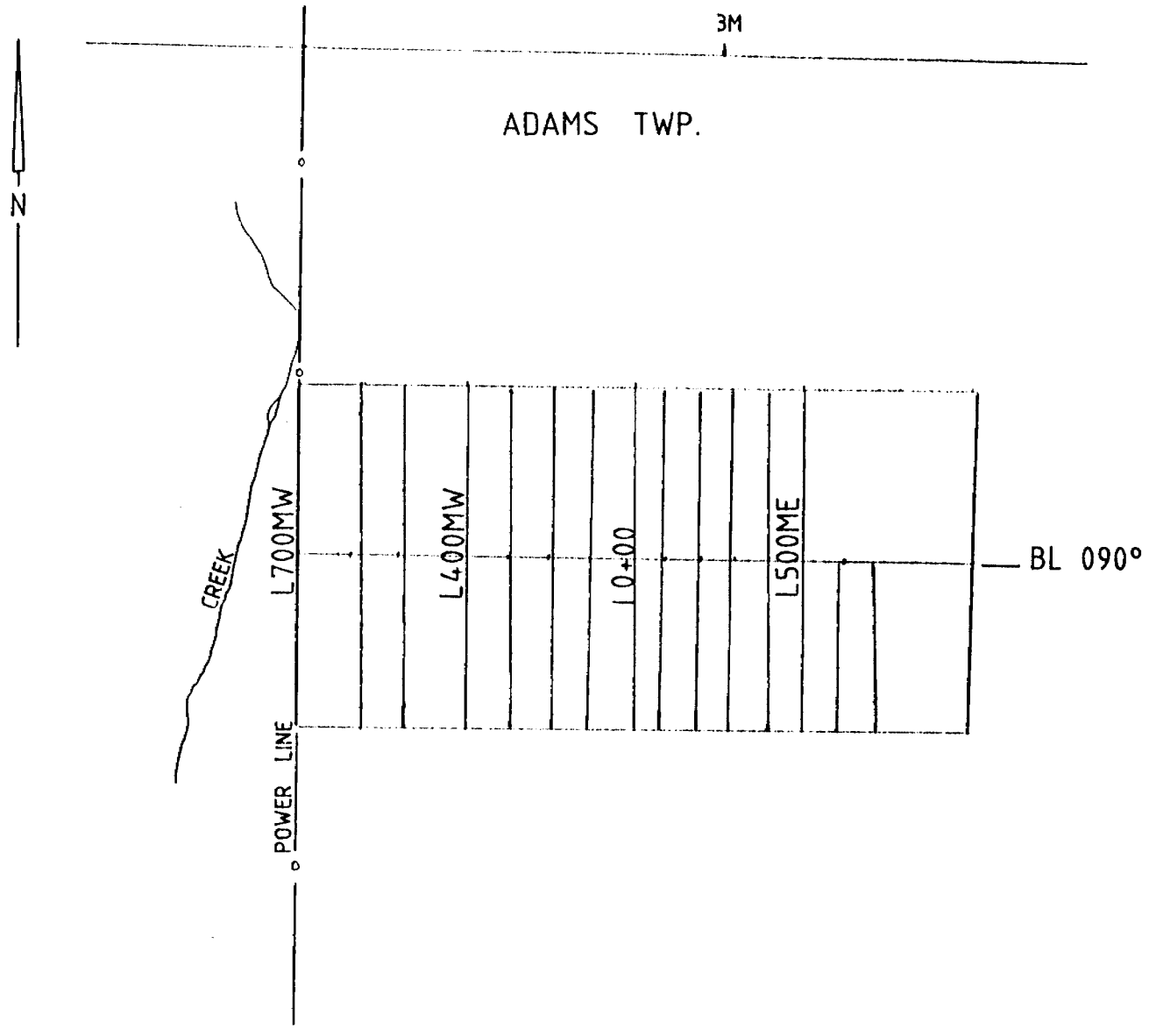
FIG. 2



BELMORAL PORCUPINE

CLAIM BLOCK SKETCH

1"= 1/4 mile FIG. 3.



BELMORAL PORCUPINE

LINECUTTING SKETCH

1" = 1/4 mile FIG. 4

MAGNETIC SURVEY

The magnetic survey was completed on 8.2 miles (13.2 km) of grid lines using a Scintrex MP-2 Proton Magnetometer.

The survey consisted of establishing a series of base magnetic stations at fixed points on the grid. The Magnetic survey was then completed on all of the lines with "tie-ins" to these fixed points. These tie-ins would aid in correcting for any diurnal variations in the magnetic field.

These fixed points are as follows:

L500ME/BL	58970 gammas
L0+00/BL	58960 gammas

Readings were collected at 25 meter intervals over the grid with tie-ins to the base stations every 3 hours. The recorded changes in base station values was found not to exceed ±25 gammas.

The collected data was then plotted on a base map using a scale of 1cm to 25m (1:2500) and then contoured at 20 gamma intervals wherever possible. A base level of 58000 gammas has been removed from each value for ease in plotting.

This base map can be found in the back pocket of this report.

The specifications for the Scintrex Magnetometer can be found as Appendix A of this report.

VLF EM SURVEY

The VLF survey was completed on 8.2 miles (13.2 km) of grid lines using the Crone, Radem Receiver unit. The survey consisted of using a transmitting station approximately at right angles to the grid lines and operating at a frequency of 24.0 khz (Cutler, Maine). The grid was read at 25 meter intervals and a dip angle and field strength measurement was recorded at each station.

The field strength survey was done in conjunction with the dip angle survey to enhance any questionable responses and for a better picture of the geological structure.

This collected data was then plotted on two separate base maps at a scale of 1:2500. The dip angle survey was profiled at 1cm to 10° and the field strength survey was contoured at 10%. Both maps can be found in the back pocket of this report.

Specifications of the Crone VLF Radem can be found as Appendix B of this report.

SURVEY RESULTS

The VLF survey was successful in outlining several zones of interest. Each of these zones will be outlined below.

The zone of most interest lies between lines 0+00 and 200ME roughly parallelling the baseline.

This zone may in fact be the eastern extension of the zone between lines 400MW and 150MW. This feature has a good magnetic high correlation with an associated magnetic low.

This low may be related to some sort of alteration zone, possibly carbonates. This would be supported by comments by Government geologists on the Preliminary Geological Map no. P571, Adams Township, scale 1" to 1/4 mile, issued 1969.

There are two roughly parallel zones to this main feature.

One zone is striking between lines 100MN to 100ME at 150MN and the second, a somewhat longer zone, strikes between lines 100MW to 500ME at 325MS.

Two other zones, also of interest, are situated between lines 600MW to 400MW at 375MN and lines 700MW to 400MW at 250MS to 50MS.

The first of these two zones has a flanking magnetic low to the south and a moderate magnetic high to the north. The second zone has a moderate magnetic association with its entire strike length.

These facts plus the fact that all of the VLF response are striking parallel to the zone of the most interest (L0+00 to L200ME/BL) suggest that all of these VLF responses should be tested further.

RECOMMENDATIONS AND CONCLUSIONS

There are at least 5 zones of interest on the property with an additional 3 to 4 shorter secondary zones. All of these features appear to be structural related at this time.

This fact, coupled with the history of the property which has shown the existence of gold mineralization back as far as 1945-47 (values ranging from 0.24 to 0.63 ounces to the ton) does make this property attractive to possible ore type material. As stated in the report by the Government geologists, P571, Preliminary Geological series, scale 1" to 1/4 mile, issued 1969.

"Anomalous gold values are known to occur along a northeast trending carbonatized shear zone on the former Balmoral Porcupine Gold Mines Limited. Although economic concentrations were not found, other similar sub-parallel shear zones, perhaps related to the nearby granodiorite intrusion, may also exist. If this is true some of these other shears may have been more favourable for gold deposition than the one drilled by Balmoral." Keep in mind however that Balmoral has known assays of 0.24 to 0.63 ounces to the ton and that the gold prices of today are far better than those of 1945-47 and 1969.

It is the opinion of the author that Balmoral's ground may have the potential for economic grades of gold and that these parallel zones on the property itself should be studied further.

APPENDIX 'A'

SCINTREX

earth science division

Proton Precession Magnetometer for Portable or Base Station Use

MP-2

features

- *1 gamma sensitivity and accuracy over range of 20,000 to 100,000 gammas.*
- *Operates in very high gradients, to 5000 gammas per metre.*
- *Ultra small size and weight.*
- *Up to 25,000 readings from only 8 D cells.*
- *Battery pack isolated from electronics for corrosion protection.*
- *Battery pack easily extended for winter use.*
- *Light-emitting diode digital display, with complete test feature.*
- *Unique no-glare polarized reflector permits easy reading in bright sunlight.*
- *Indicator light warning of excessive gradient, ambient noise or electronic failure.*
- *Digital readout of battery voltage.*
- *Rugged all metal housing for rough field use at all temperatures.*
- *Automatic recycling or external trigger features permit ready conversion to base station use.*
- *Short reading time.*
- *Broad operating temperature range.*

The MP-2 is a portable one gamma proton precession magnetometer for field survey or base station use. The optimized design of sensor and circuitry using the latest CMOS components has resulted in a very light weight, low power consumption, rugged and reliable magnetometer.

Light emitting diodes coupled with an ingenious optically polarized reflector combine solid state reliability with easy reading even in bright sunlight.

A standard automatic recycling feature allows ready use of the MP-2, with suitable (optional) interfacing, as a base station recorder in analogue or ditigal form. Alternatively, a remote trigger can be used.

The noise-cancelling dual-coil sensor and electronics have been so designed as to effectively eliminate reading problems due to virtually all magnetic gradients which may be encountered in field survey conditions.

TECHNICAL DESCRIPTION OF MP-2 MAGNETOMETER

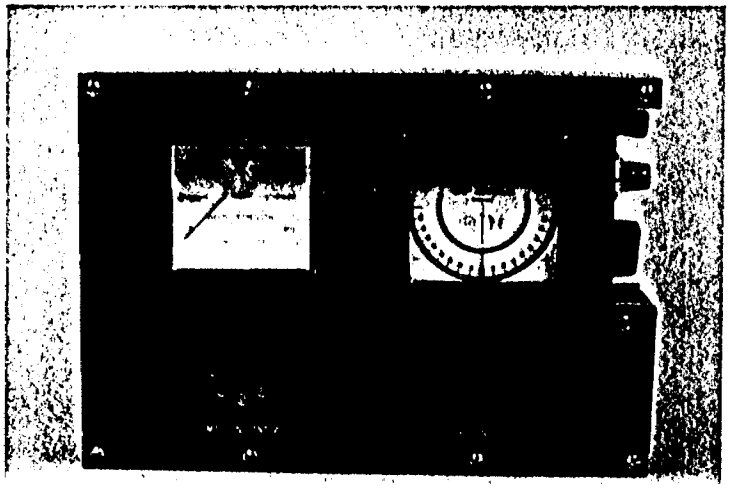
SCINTREX

RESOLUTION	1 Gamma.
TOTAL FIELD ACCURACY	± 1 Gamma over full operating range.
RANGE	20,000 to 100,000 gammas in 25 overlapping steps.
INTERNAL MEASURING PROGRAMME	Single reading — 3.7 seconds. Recyc. feature permits automatic repetitive readings 3.7 seconds intervals.
EXTERNAL TRIGGER	External trigger input permits use of sampling intervals longer than 3.7 seconds.
DISPLAY	5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage.
RECORDER OUTPUT (Optional)	Multiplied precession frequency and gate time outputs for interfacing with incremental tape recorders (eg. Increlogger) for digital recording. As an additional option a digital to analogue convertor is available for use with analogue recorders.
GRADIENT TOLERANCE	Up to 5000 gammas/metre.
POWER SOURCE	8 alkaline "D" cells provice up to 25,000 readings at 25° C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.
SENSOR	Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance.
HARNESS	Complete for operation with staff or back pack sensor.
OPERATING TEMPERATURE TANGE	−35°C to +60°C.
SIZE	Console, with batteries: 80 x 160 x 250mm. Sensor: 80 x 150mm. Staff: 30 x 1550mm. (extended) 30 x 600 mm. (collapsed)
WEIGHTS	Console, with batteries: 1.8kg. Sensor: 1.3kg. Staff: 0.6kg.

SCINTREX LIMITED
222 Snidercroft Road,
Concord, Ontario, Canada L4K 1B5
TELEPHONE (416) 669-2270. TELEX 06-964570

APPENDIX 'B'

CRONE GEOPHYSICS LIMITED
RADEM VLF EM RECEIVER



An EM receiver measuring the FIELD STRENGTH, DIP ANGLE and QUADRATURE components of the VLF communications stations.

This is a rugged, simple to operate, ONE MAN EM unit. It can be used without line cutting and is thus ideally suited for GROUND LOCATION OF AIRBORNE CONDUCTORS and RECONNAISANCE SURVEYS of MINERAL SHOWINGS. This instrument utilizes higher than normal EM frequencies and is capable of detecting poorly conductive sulphide deposits and fault zones. It accurately isolates BANDED CONDUCTORS and operates through areas of HIGH POWERLINE NOISE. The method is capable of deep penetration but due to the high frequency used its penetration is limited in areas of clay and conductive overburden.

The DIP ANGLE measurement detects a conductor from a considerable distance and is used primarily for locating conductors. The FIELD STRENGTH measurement is used to define the shape and attitude of the conductor.

- Instrument Sales, Rental and Repair Services
- Contract Survey Services
- Consulting Services
- Computer Plotting and Processing Services

HEAD OFFICE: 3607 Wolfedale Rd.
MISSISSAUGA, Ontario
CANADA L5C 1V8
PHONE: (416) 270-0096
TELEX: 06-961260

SPECIFICATIONS*

SOURCE OF PRIMARY FIELD: VLF Communications Stations 1 to 25 KHz

NUMBER OF STATIONS: 7 Switch Selectable

STATIONS AVAILABLE: The Seven Stations May Be Selected From:

	CODE	STATION & LOCATION	CALL SIGN	FREQUENCY
Standard	CM	Cutler, Maine	NAA	24.0 KHz
"	SW	Seattle, Washington	NLK	24.8 KHz
"	AM	Annapolis, Maryland	NSS	21.4 KHz
"	H	Laulualei, Hawaii	NPM	23.4 KHz
"	BOF	Bordeaux, Frace	NWU	15.1 KHz
"	E	Rugby, England	GBR	16.0 KHz
Optional	MS	Moscow, Russia	UMS	17.1 KHz
"	OD	Odessa (Black Sea)	EWB	15.6 KHz
"	NC	Exmouth, Australia	NWC	22.3 KHz
"	HN	Helgelend, Norway	JXZ	17.6 KHz
"	YJ	Yosamai, Japan	NDT	17.4 KHz
"	TJ	Tokyo, Japan	JG2AR	20.0 KHz
"	BA	Buenos Aires, Argentina		23.6 KHz

CHECK THAT STATION IS TRANSMITTING: Audible signal from speaker.

PARAMETERS MEASURED:

(1) DIP ANGLE in degrees of the magnetic field component, from the horizontal, of the major axis of the polarization ellipse. Detected by a minimum on the field strength meter and read from an inclinometer with a range of ±½°.

(2) FIELD STRENGTH (total or horizontal) of the magnetic component of the VLF field, (amplitude of the major axis of the polarization ellipse). Measured as a percent of normal field strength established at a base station. Accuracy ±2% dependent on signal. Meter has two ranges: 0-300% and 0-600%.

(3) QUADRATURE component of the magnetic field, perpendicular in direction to the resultant field, as a percent of the normal field strength, (amplitude of the minor axis of the polarization ellipse). This is the minimum reading of the Field Strength meter obtained when measuring the dip angle. Accuracy ±2%.

OPERATING TEMPERATURE RANGE: −40°C to 50°C (−40°F to 120°F)

DIMENSIONS: 9 cm x 19 cm x 27 cm (3½" x 7½" x 10½")

SHIPPING DIMENSIONS: 30 cm x 14 cm x 36 cm (11⅞" x 5½" x 14")

WEIGHT: 2.7 kg (6 lbs)

SHIPPING WEIGHT: 6.0 kg (13 lbs)

BATTERIES: 2 of 9 volt
Average Life Expectancy
20 Hours for Continuous Operation

Specifications subject to change without notice

CERTIFICATE

I, John C. Grant, hereby cerfity that:

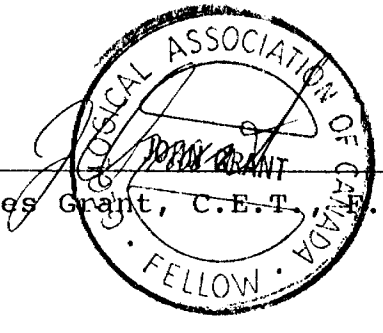
1) I am a graduate geophysicist (1975) of the three year program in Geological Technology at Cambrian College of Applied Arts and Technology, Sudbury Campus. I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited (5 years), North Bay office, and as Exploration Manager 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 eleven (11) years, including all aspects of exploration studies, surveys and interpretations.

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



John Charles Grant, C.E.T., F.G.A.C.

November 28, 1986

Your File: 323/86
Our File: 2.9518

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Notice of Intent dated November 10, 1986
Geophysical (Electromagnetic & Magnetometer)
Surveys on Mining Claims P 814128, et al,
in Adams Township

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

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

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc
cc: Porcupine Balmoral Resources Limited
Apartment 205
4160 Bathurst Street
Downsview, Ontario
M3H 3P6

John C. Grant
P.O. Box 1880
Timmins, Ontario
P4N 7X1

Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Timmins, Ontario

Encl.

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.9518

Date: November 10, 1986

Mining Recorder's Report of Work No.: 323/86

Recorded Holder: PORCUPINE BALMORAL RESOURCES LIMITED

Township or Area: ADAMS TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 40 days	P 814128 to 133 inclusive
Magnetometer 20 days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

20 DAYS ELECTROMAGNETIC 10 DAYS MAGNETOMETER P 814135	10 DAYS ELECTROMAGNETIC 5 DAYS MAGNETOMETER P 814134

No credits have been allowed for the following mining claims

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

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

828 (85/12)

Ministry of Northern Affairs and Mines
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

29518

Note:
- If number of mining claims traversed exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey: ELECTROMAGNETIC (VLF) AND PROTON MAGNETOMETER

Township or Area: ADAMS

Claim Holder(s): Porcupine Balmoral Resources Limited — Wayne Holmstead

Prospector's Licence No.: E-29496

Address: APT. 205, 4160 BATHURST ST. DOWNSVIEW ONT.

Survey Company: ALQUEST Exploration Services

Date of Survey (from & to): 08 10 86 (Day Mo. Yr.) — 15 10 86 (Day Mo. Yr.)

Total Miles of line Cut: 8.2

Name and Address of Author (of Geo Technical report): JOHN C. GRANT P.O. BOX 1880, Timmins, ONTARIO P4N 7X1

Credits Requested per Each Claim in Columns at right

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

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

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

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.
P.	814128	
	814129	
	814130	
	814131	
	814132	
	814133	
	814134	
	814135	

Prefix	Mining Claim Number	Expend. Days Cr.

PORCUPINE MINING DIVISION
RECEIVED
OCT 14 1986

RECORDED
OCT 14 1986

Total number of mining claims covered by this report of work: 8

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

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

For Office Use Only

Total Days Cr. Recorded: 480

Date Recorded: Oct. 14/86

Date Approved as Recorded: Oct 15/86

Mining Recorder: Stanley

Branch Director: Received Statement

Date: OCT 14 86

Recorded Holder or Agent (Signature): Jean R. Lalli

Certification Verifying Report of Work

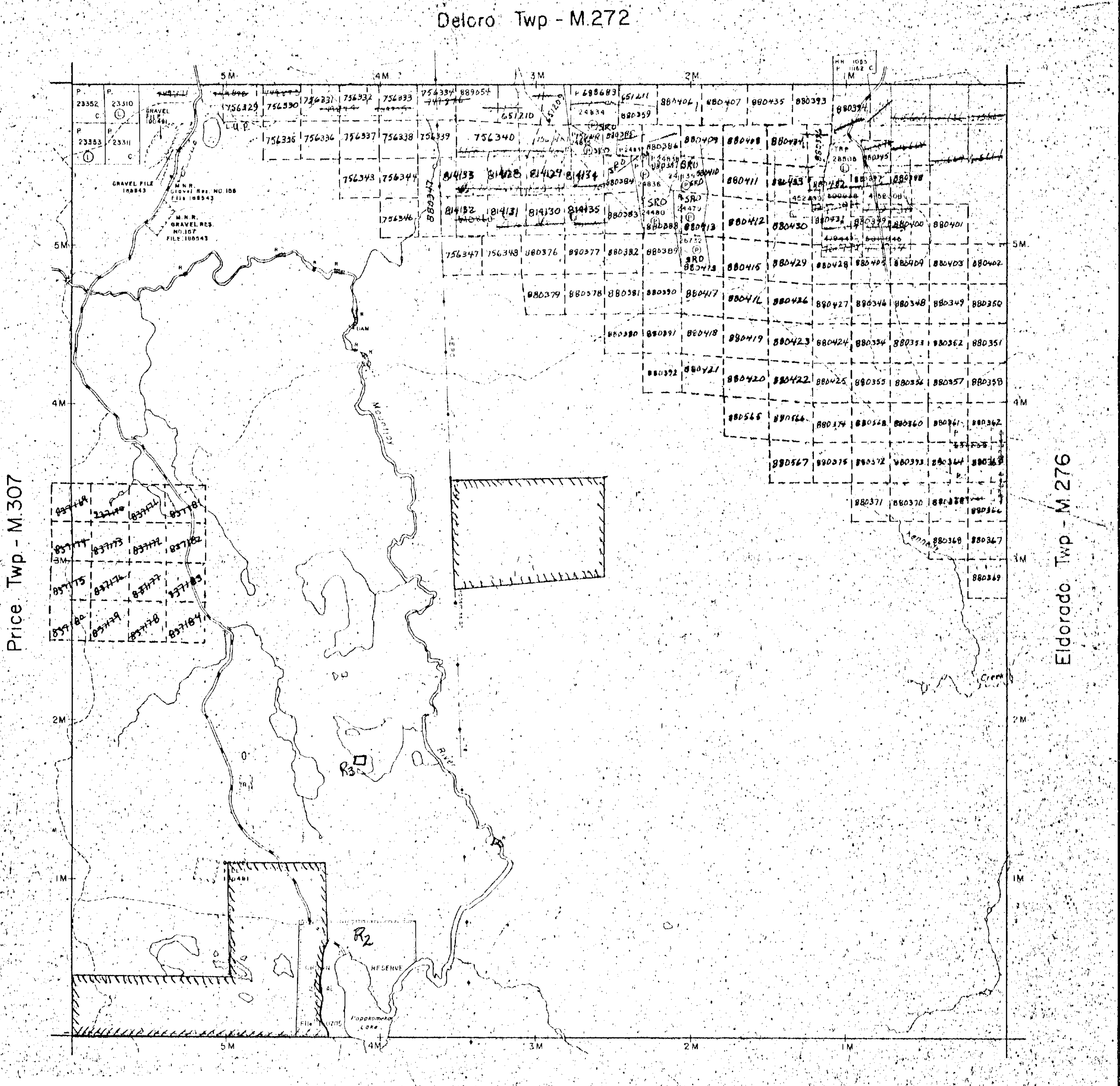
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: JOHN C GRANT, P.O. BOX 1880 Timmins ONT. P4N - 7X1

Date Certified: Oct 14 86

Certified by (Signature): J C Grant

1362 (88/01)



THE TOWNSHIP OF ADAMS

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

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

NOTES

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

This township lies within the Municipality of CITY of TIMMINS

Areas withdrawn from staking under section 43 of the Mining Act, RSO 1970

Order No	File	Date	Disposition

R2 - S.R.O. REOPENED

Ontario Renewed Reforestation

R3 - Bfl Under PLA - Scout camp see land roll - Oct 31/84

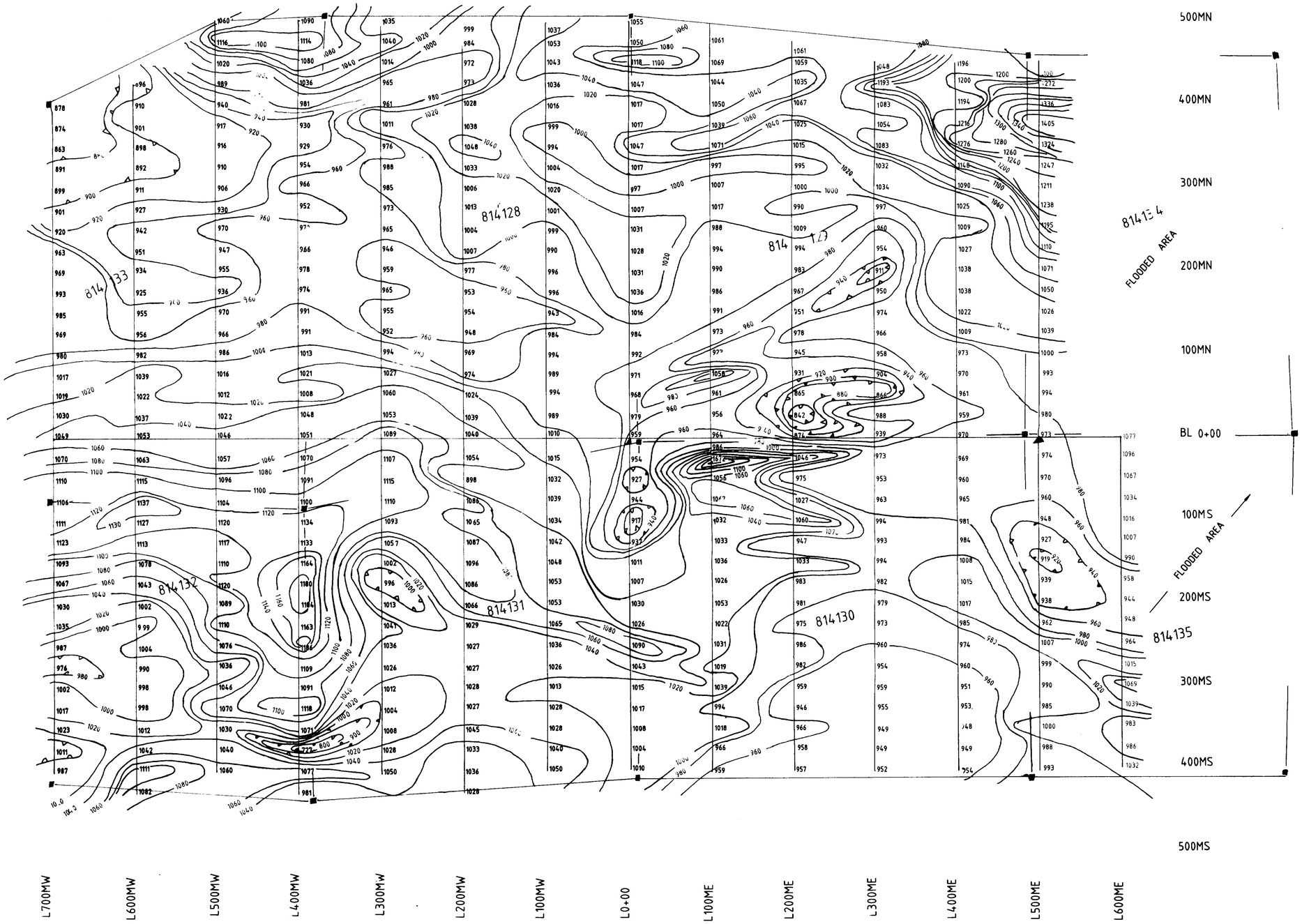
PORCUPINE MINING DIVISION
RECEIVED
MAY 16 1986

PLAN NO. M.261

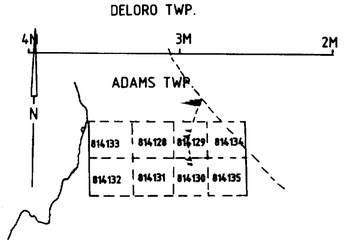
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

42A06SW0024 2.9518 ADAMS

200



DELORO TWP.



LOCATION MAP
1" =1/2 mile

LEGEND

INSTRUMENT: SCINTREX MP-2 PROTON MAG

BACKGROUND: 58000 gammas

CONTOUR INT.: 20 gammas

MAGNETIC DEPRESSION:

BASE STATION: ▲

CLAIM POST

CLAIM LINE:

CLAIM NUMBER: 814133

OPERATOR: ALQUEST EXPLORATION LIMITED

PORCUPINE BALMORAL RESOURCES LIMITED

SURVEY: MAGNETIC

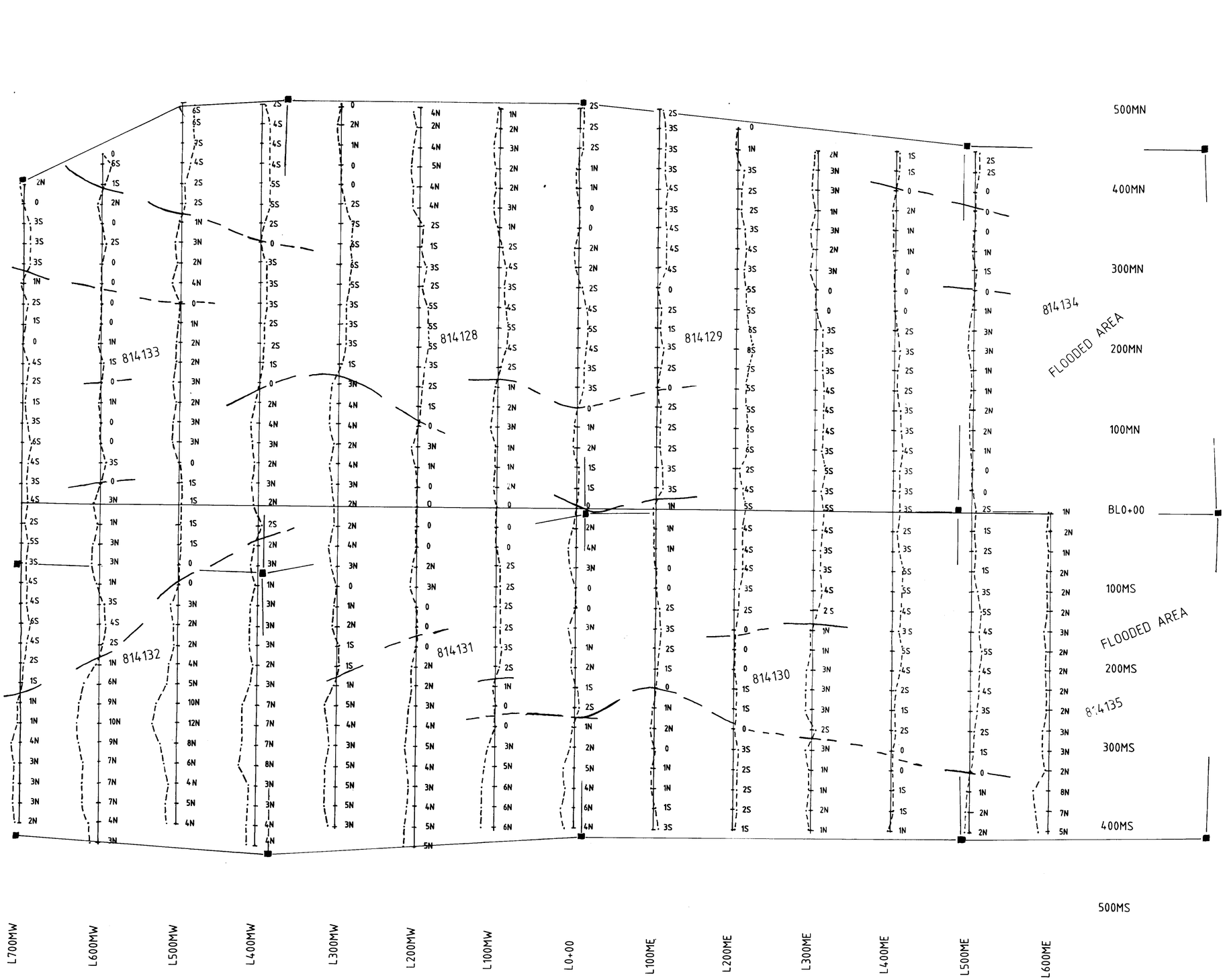
PROJECT: ADAMS TOWNSHIP

DISTRICT: TIMMINS. PORCUPINE DIVISION

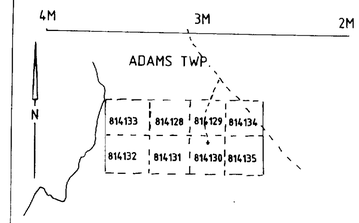
GEOPHYSICAL ASSOCIATION OF CANADA
JOHN GRANT

DATE. OCTOBER 1986	PLOTTING. Y.COLLIN
SCALE. 1: 2500	INTERPRETATION: J.C.G.

2.9518



DELORO TWP.



LOCATION MAP
1" =1/2 mile

LEGEND

INSTRUMENT: CRONE. VLF EM RECEIVER

STATION: CUTLER. MAINE

FREQUENCY: 24KHZ

REAL CONDUCTOR:

CONDUCTOR AXIS:

CLAIM POST:

CLAIM LINE:

CLAIM NUMBER: 814133

OPERATOR: ALQUEST EXPLORATION LIMITED

PORCUPINE BALMORAL RESOURCES LIMITED

SURVEY: VLF. DIP ANGLE
CUTLER. MAINE

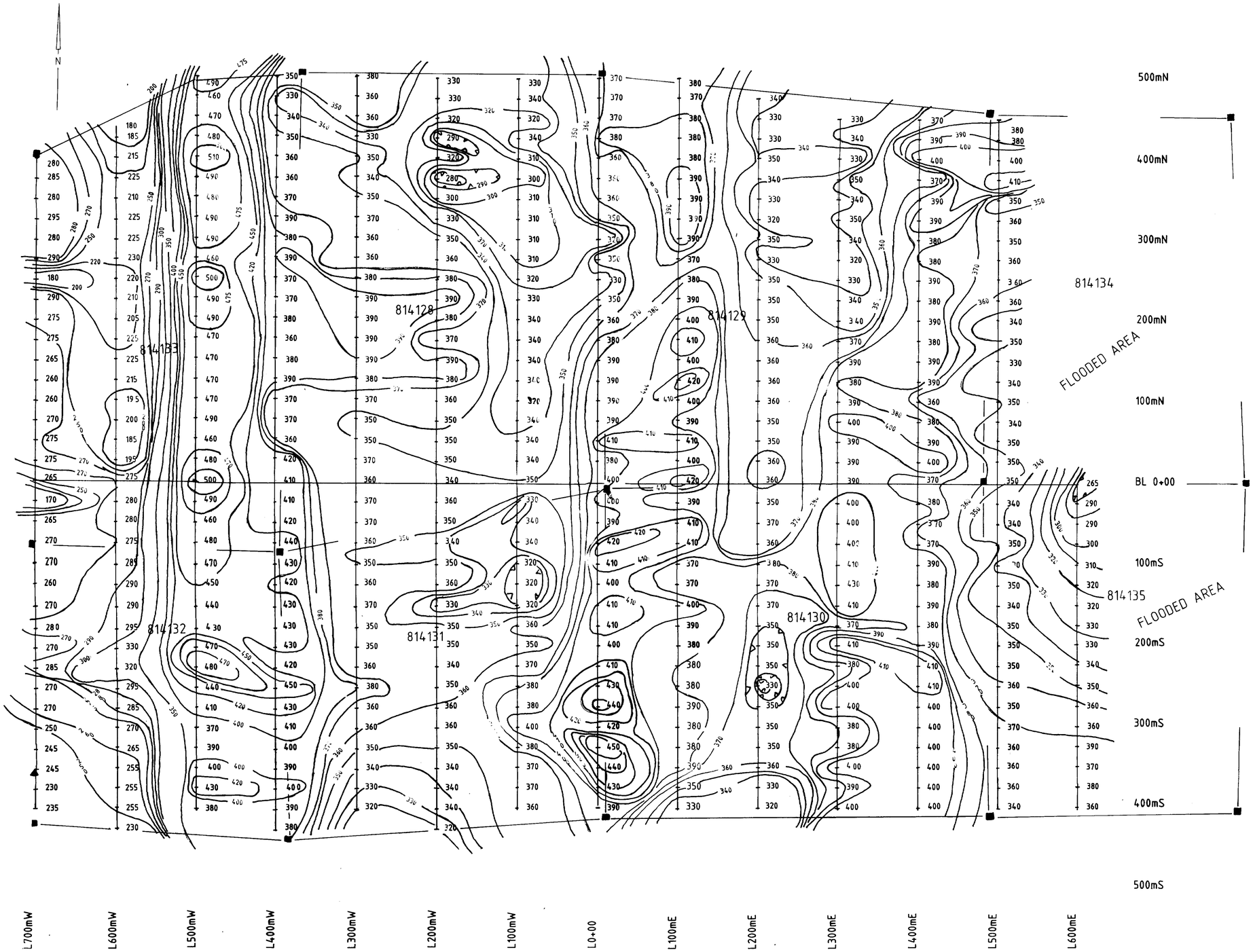
PROJECT: ADAMS TOWNSHIP

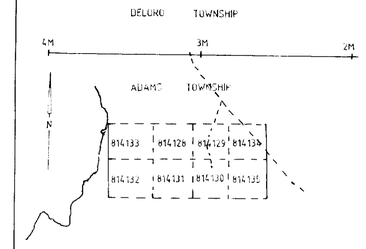
DISTRICT: TIMMINS. PORCUPINE DIVISION

GEOPHYSICAL ENGINEER ONTARIO JOHN GRANT

DATE. OCTOBER 1986	PLOTTING. Y. COLLIN
SCALE. 1:2500	INTERPRETATION: J.C.G.

27518





LOCATION MAP
1" = 1/2 mile

LEGEND

INSTRUMENT: PHONE VLF, EM, RECEIVER

STATION: CUTLER, MAINE

FREQUENCY: 24 KHZ

FIELD STRENGTH:
CONTOUR INTERVAL: 10 PERCENT

DEPRESSION:

contour Value: 400

BASE STATION:

claim post:

claim line:

OPERATION: ACQUISITION CORP. LTD.

CLAIM NUMBER: 814133

PORCUPINE BALMORAL RESOURCES LIMITED

SURVEY: VLF, FIELD STRENGTH
CUTLER, MAINE

PROJECT: ADAMS TOWNSHIP

DISTRICT TIMMINS, Porcupine Division

GEOLOGICAL ASSOCIATION OF CANADA
JOHN GRANT
FELLOW

DATE: OCTOBER, 1985	PLOTTING: Y. FULLER
SCALE: 1: 2500	INTERPRETATION: J. GRANT

29518