



43B13SW0004

010

REPORT ON A MAGNETIC SURVEY

ANOMALY "GRID W"
BLOCK "43B/13-09"
NTS 43B/13

BY

R. FACEY-CROWTHER
THUNDER BAY, ONTARIO

NOVEMBER 1988

DECLARATION

I, Richard Facey-Crowther, certify that I completed an Honours Bachelor of Science degree (Earth Science) in 1983 from Memorial University in Newfoundland.

I have been involved in geological exploration since 1972 with The Hanna Mining Company, Gulf Minerals Canada Limited and Hudson Bay Exploration and Development Company Limited.

I am presently employed by:
Monopros Limited
1112 Russell Street, Unit 6
Thunder Bay, Ontario
P7B 5N2

Richard Facey-Crowther

Richard Facey-Crowther
November 1988

LIST OF MAPS TO ACCOMPANY THIS REPORT

1. Locality map.
2. Total field magnetic readings map.
3. Total field contoured magnetic readings map.

1.0 INTRODUCTION

A programme of staking, line cutting and ground magnetometry was carried out during January, February, March and April, 1988, on a series of selected anomalies in northern Ontario. The work was performed under contract by Phantom Exploration under the supervision of Mr. I. Spence and the overall direction of Dr. J.A. Fowler. The claims are held by Dr. Fowler.

2.0 LOCATION AND ACCESS

The claims are located approximately 95 kilometres west of the community of Attawapiskat. Access to the claims is only possible by helicopter. The group of claims, referred to as "Grid W" is located within the Porcupine Mining Division.

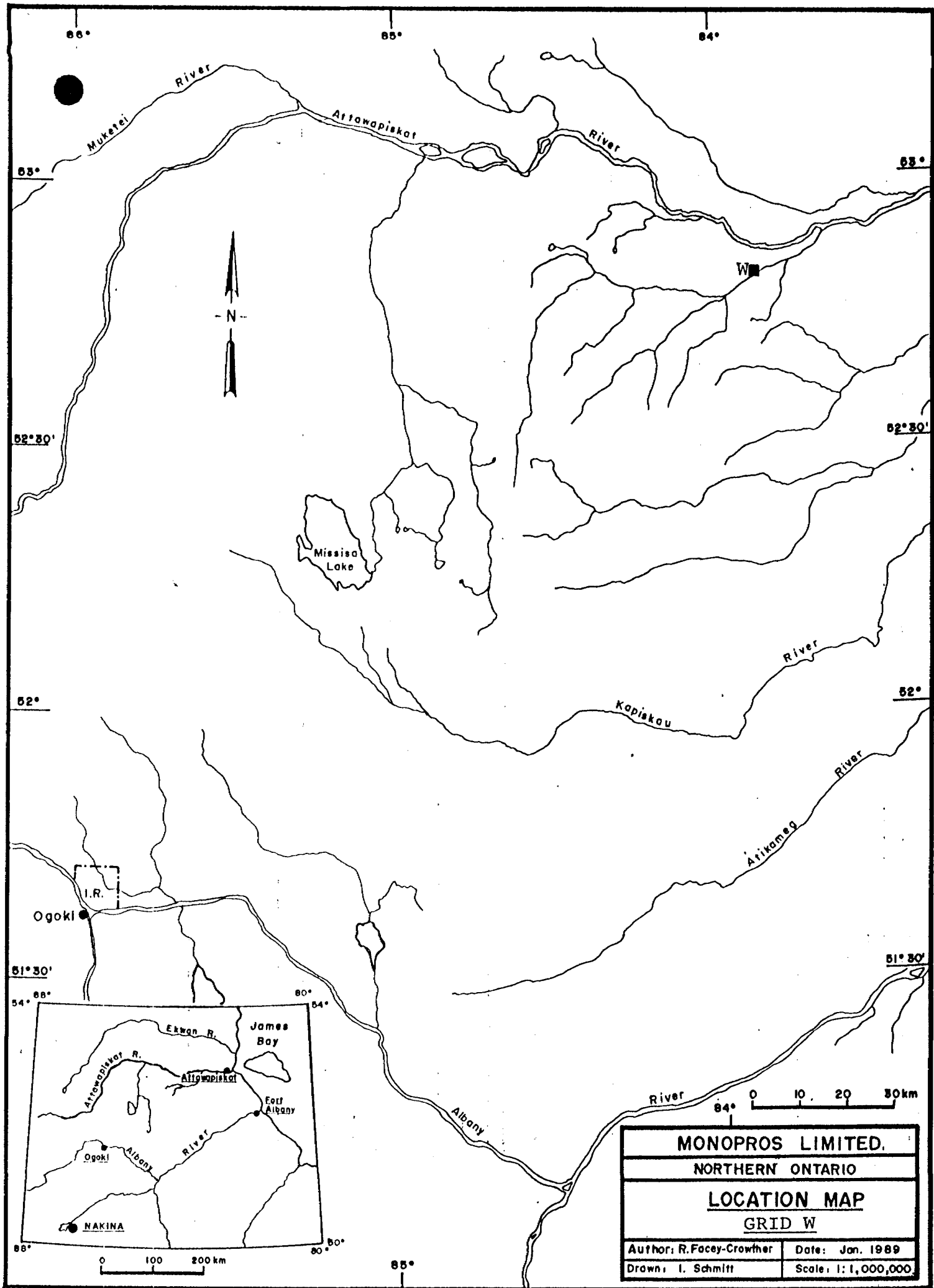
Grid W consists of a single block of 9 claims centered over a creek some five kilometres south of the Attawapiskat River on Claim map G-1253.

3.0 GROUND MAGNETIC SURVEY

Grids were cut over each claim block with a 100 metre line spacing. Each grid consisted of an east-west base line and north-south tie lines. Stations were established every 25 metres along the lines. All distances were chained out from the base line.

The magnetometer survey was carried out using EDA PPM-375 units with an EDA PPM-375 or OMNI-IV base station. The data was corrected automatically by linking the field and base station units to correct for diurnal variation. All instruments read out the total magnetic field with an accuracy of 0.1 nanoteslas (nT).

The map of total field readings shows the positions and values of the stations, while the map of contoured total field values shows the contoured results.



MONOPROS LIMITED.	
NORTHERN ONTARIO	
LOCATION MAP	
GRID W	
Author: R. Facey-Crowther	Date: Jan. 1989
Drawn: I. Schmitt	Scale: 1:1,000,000

4.0 RESULTS

A quiet magnetic background of 59,950 nT is broken by a single small magnetic high of 60,899 nT at 4+00W 9+50N.

5.0 RECOMMENDATIONS

A single drill hole is recommended at 4+00W 9+70N to determine the source of the anomaly.

Richard Facey - Crowther

Richard Facey-Crowther
Thunder Bay, Ontario



43B13SW0004

900

AFO: 2.12.00'Z.



Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Expenditure)

DOCUMENT No. W 8906-080

INSTRUCTIONS - Please type or print. If number of pages exceeds space on this form, attach a list. Note: Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." column.

212002

Mining Act

Type and Name of Survey: GROUND MAGNETOMETER

Claim Holder(s): JONATHAN A. FOWLER

Address: 25 E. Adelaide St, Suite 1800, Toronto, Ontario M5C 1Y2

Survey Company: PHANTOM EXPLORATION/MONOPROS LIMITED; Date of Survey (from & to): 21/02/88 to 31/03/88; Total Miles of line cut: 19.2 Km

Name and Address of Author (of Geo-Technical report): R. FACEY-CROWTHER, 112 Russell St., Unit 6, Thunder Bay, Ontario P7B 5N2

Credits Requested per Each Claim in Columns at right

Table with columns for Special Provisions, Man Days, Airborne Credits, and various survey types (Geophysical, Geological, Geochemical).

Mining Claims Traversed (List in numerical sequence)

Table with columns for Mining Claim Prefix, Number, and Expend. Days Cr.

RECEIVED

MAR 1 1989

MINING LANDS SECTION

RECORDED DEC 28 1988

RECEIVED DEC 28 1988

Expenditures (excludes power stripping)

Form for Expenditures and Credits calculation with fields for Total Expenditures and 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.

Date: Dec 21 1988; Recorded Holder or Agent (Signature): Jonathan A. Fowler

Total number of mining claims covered by this report of work: 9

For Offices Use Only: Includes fields for Date Recorded, Date Approved or Recorded, and signatures.



File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Ground Magnetometry
Township or Area 527 834 G-1253
Claim Holder(s) Jonathan A. Fowler
Survey Company Phantom Exploration/Monopros Limited.
Author of Report R. Facey-Crowther
Address of Author 1112 Russell St., Unit 6, Thunder Bay
Covering Dates of Survey Feb. 11/88 - Mar 31/88
Total Miles of Line Cut 19.2 Km

MINING CLAIMS TRAVERSED
List numerically

P 1052709 (prefix) (number)
P 1052710
P 1052711
P 1052712
P 1052713
P 1052714
P 1052715
P 1052716
P 1052717

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS per claim

- Geophysical
--Electromagnetic
--Magnetometer 40
--Radiometric
--Other
Geological
Geochemical

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

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

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Dec. 21 1988 SIGNATURE: Richard Facey-Crowther
Author of Report or Agent

Res. Geol. Qualifications 2.8238

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS 9

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations 637 Number of Readings 637
Station interval 25 Metres Line spacing 100 Metres
Profile scale
Contour interval 50 nT

MAGNETIC

Instrument EDA Instruments Inc. Model PPM-375/OMNI-IV
Accuracy - Scale constant 0.1 nT
Diurnal correction method Automatic Base Station, 20 second interval
Base Station check-in interval (hours) 20 seconds
Base Station location and value At base camp 3.0 kilometres north of Attawapiskat River.
52°53'00" Lat, 83°50'00" Long.; Value 59,700 nT

ELECTROMAGNETIC

Instrument
Coil configuration
Coil separation
Accuracy
Method: [] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency (specify V.L.F. station)
Parameters measured

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth -- include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

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

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m.
 p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

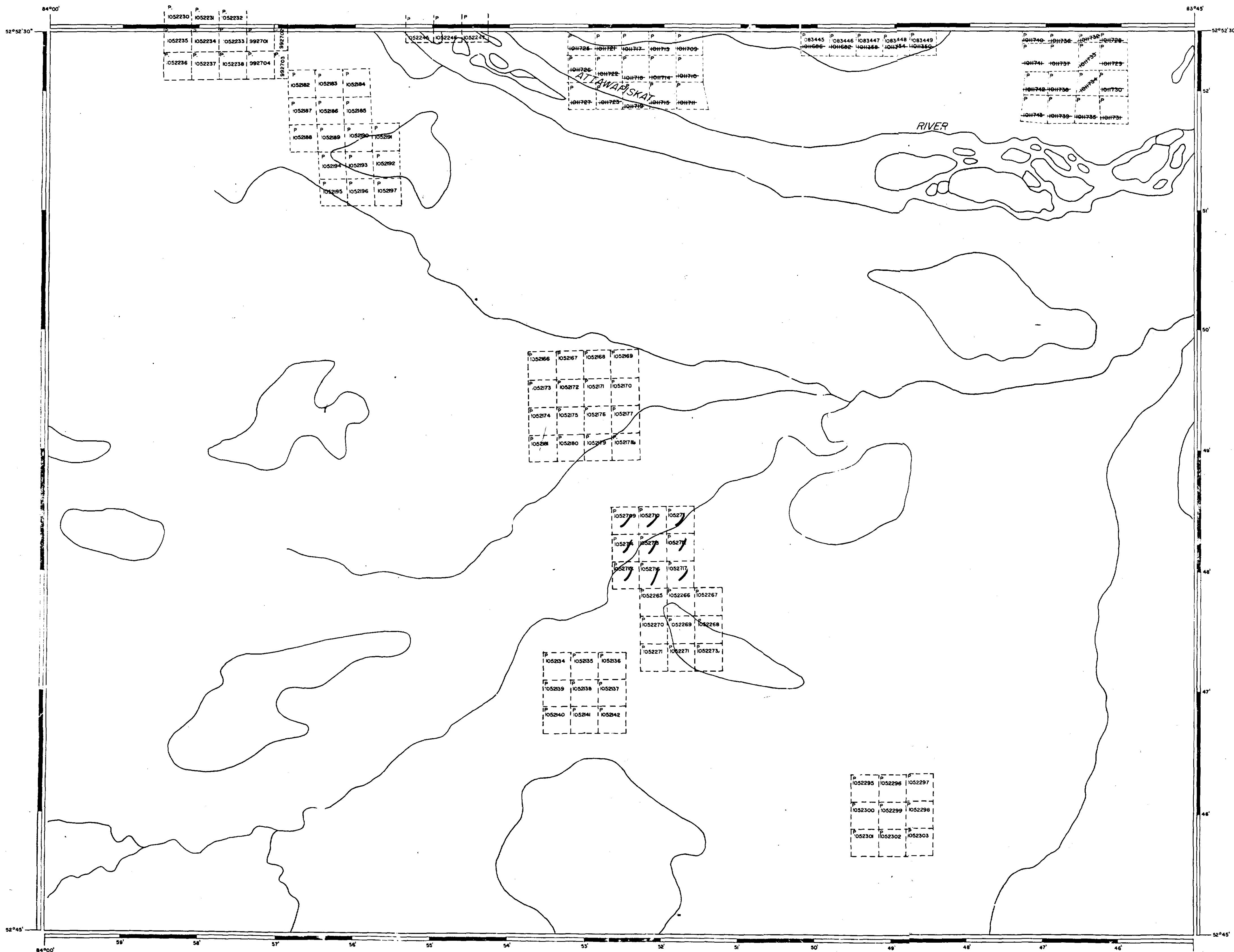
Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

528-834



LEGEND

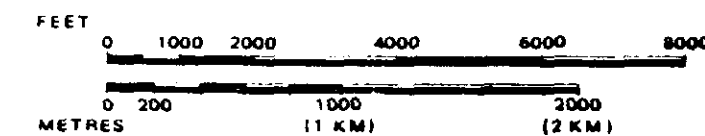
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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	○
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 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



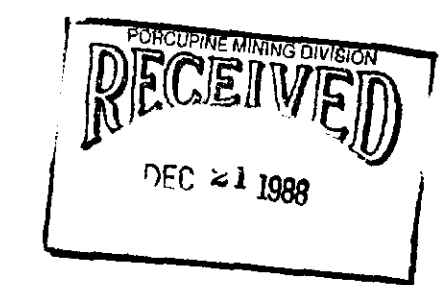
AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File

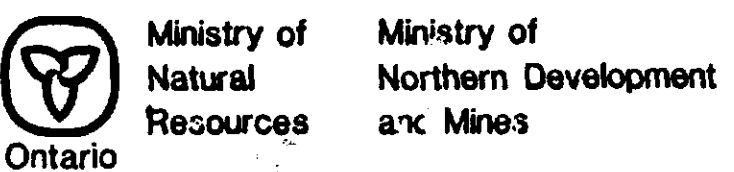


200

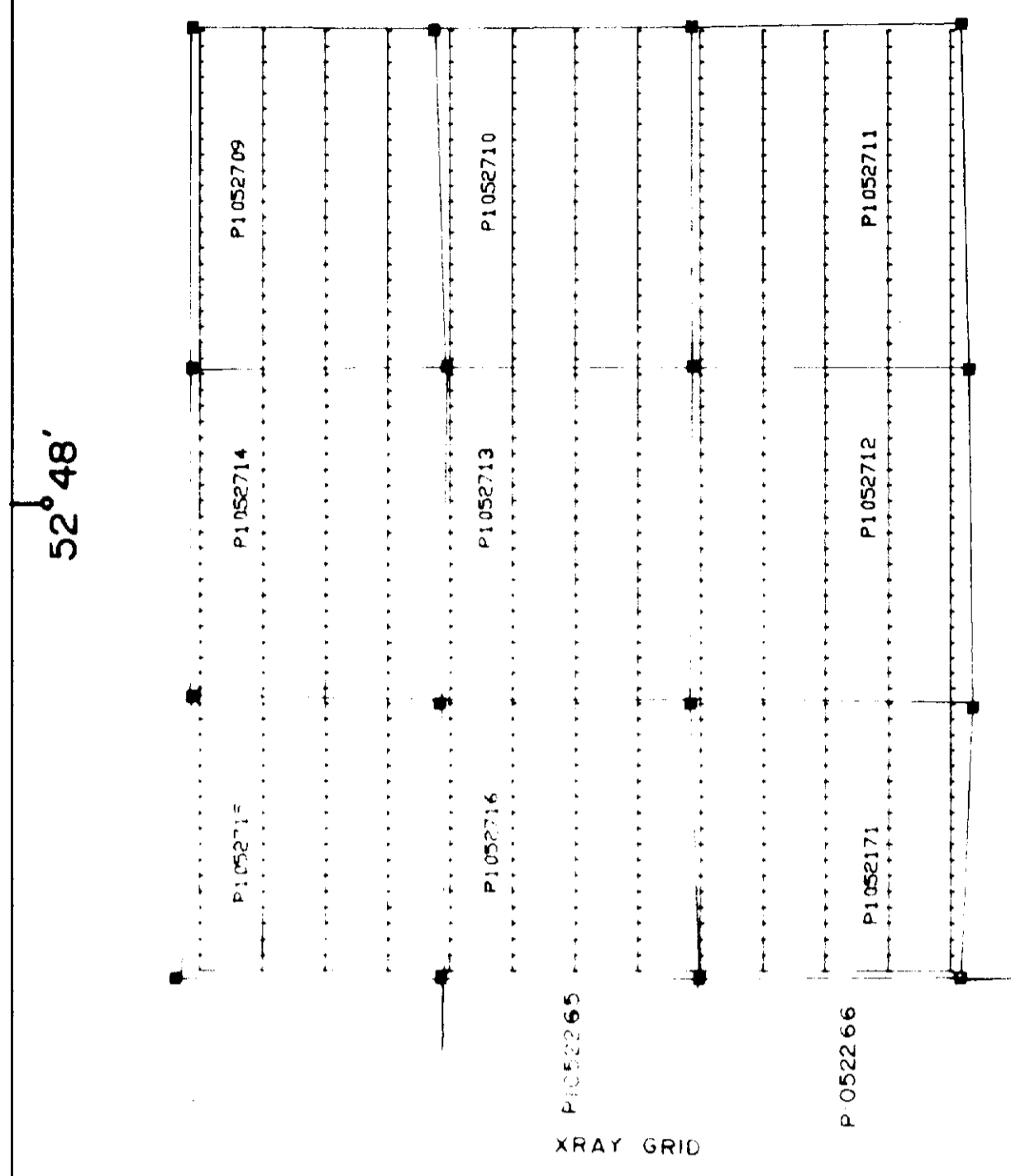
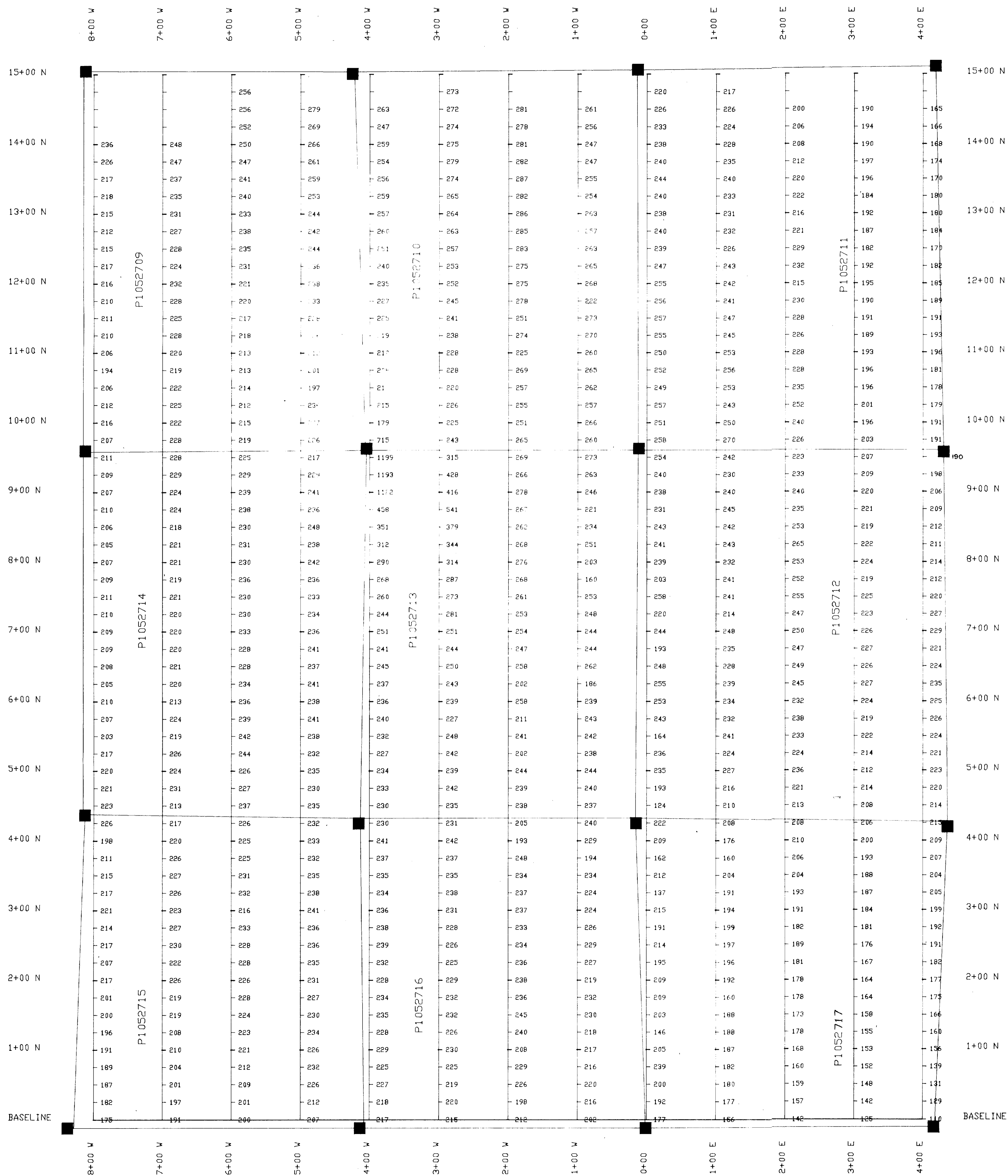


RECEIVED DECEMBER 1, 1987

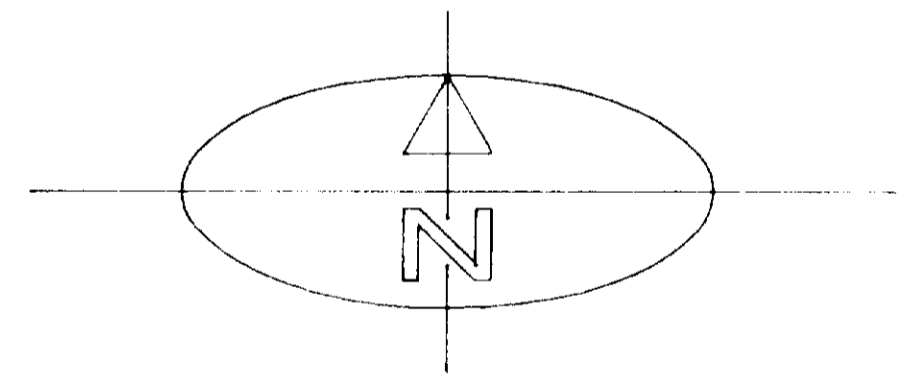
AREA
527-834
 M.P.R. ADMINISTRATIVE DISTRICT
MOOSONEE
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION



Date NOVEMBER/1987 Number



LOCATION MAP SCALE 1:10,000



LEGEND

MAGNETOMETER SURVEY
 INSTRUMENT: EDA PPM-375/ OMNI IV
 DATUM 59700 NANOTESLAS
 SENSITIVITY: .01 NANOTESLAS
 CONTOUR INTERVAL: 50 NANOTESLAS
 MAGNETIC LOW:

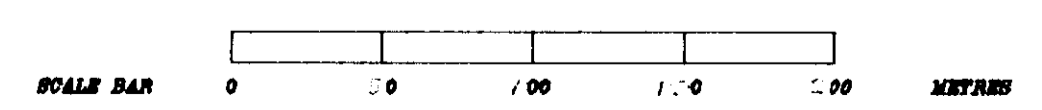
BASE STATION RECORDER
 INSTRUMENT: EDA PPM-375/ OMNI IV
 RECORDING INTERVAL: 20 SECONDS

TOPOGRAPHY
 CLAIM POST
 RIVER
 STREAM
 SWAMP
 LAKE SHORE 2.12002

BLOCK 43 B/13-09 GRID W

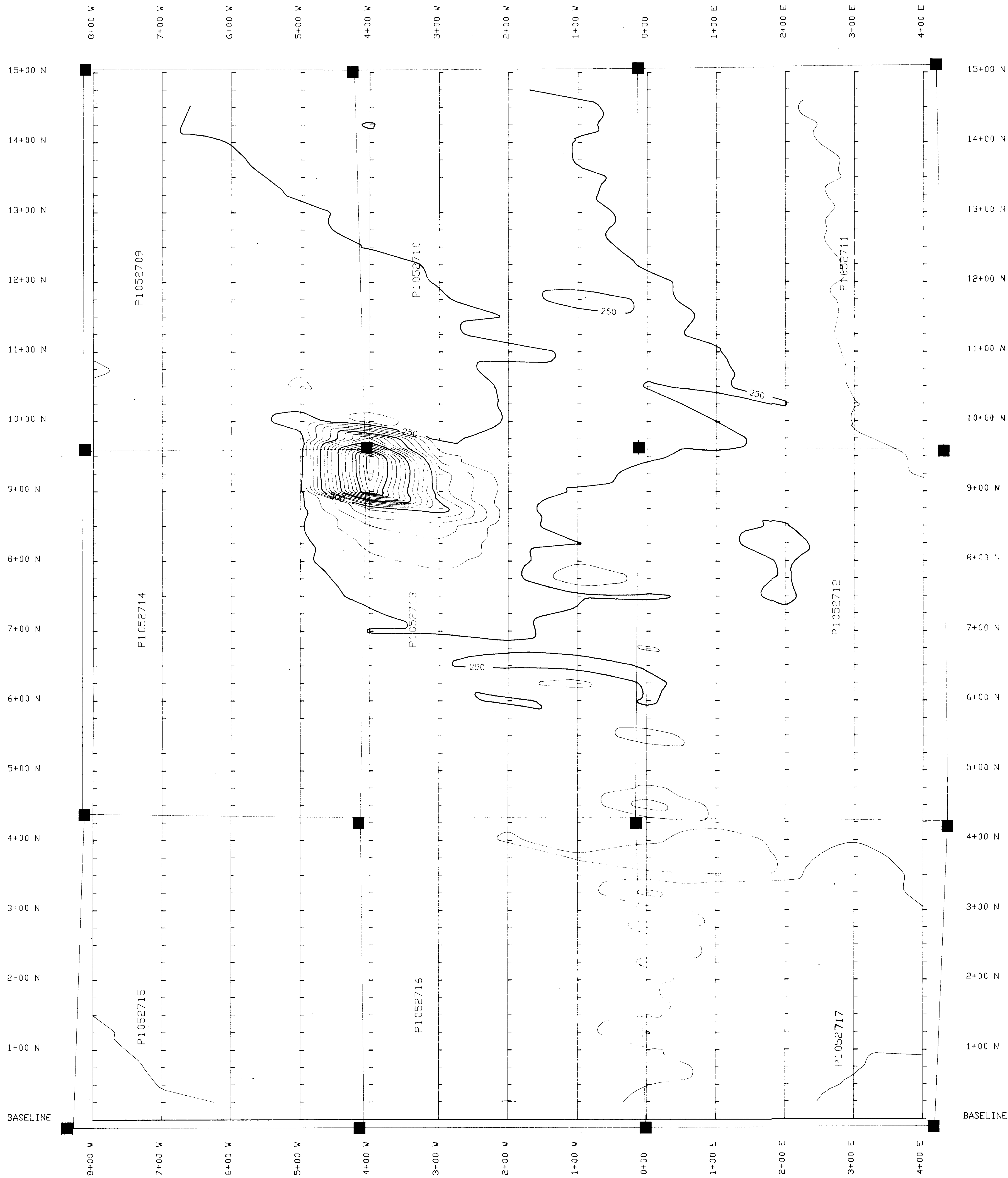
PROTON MAGNETOMETER

TOTAL FIELD READINGS



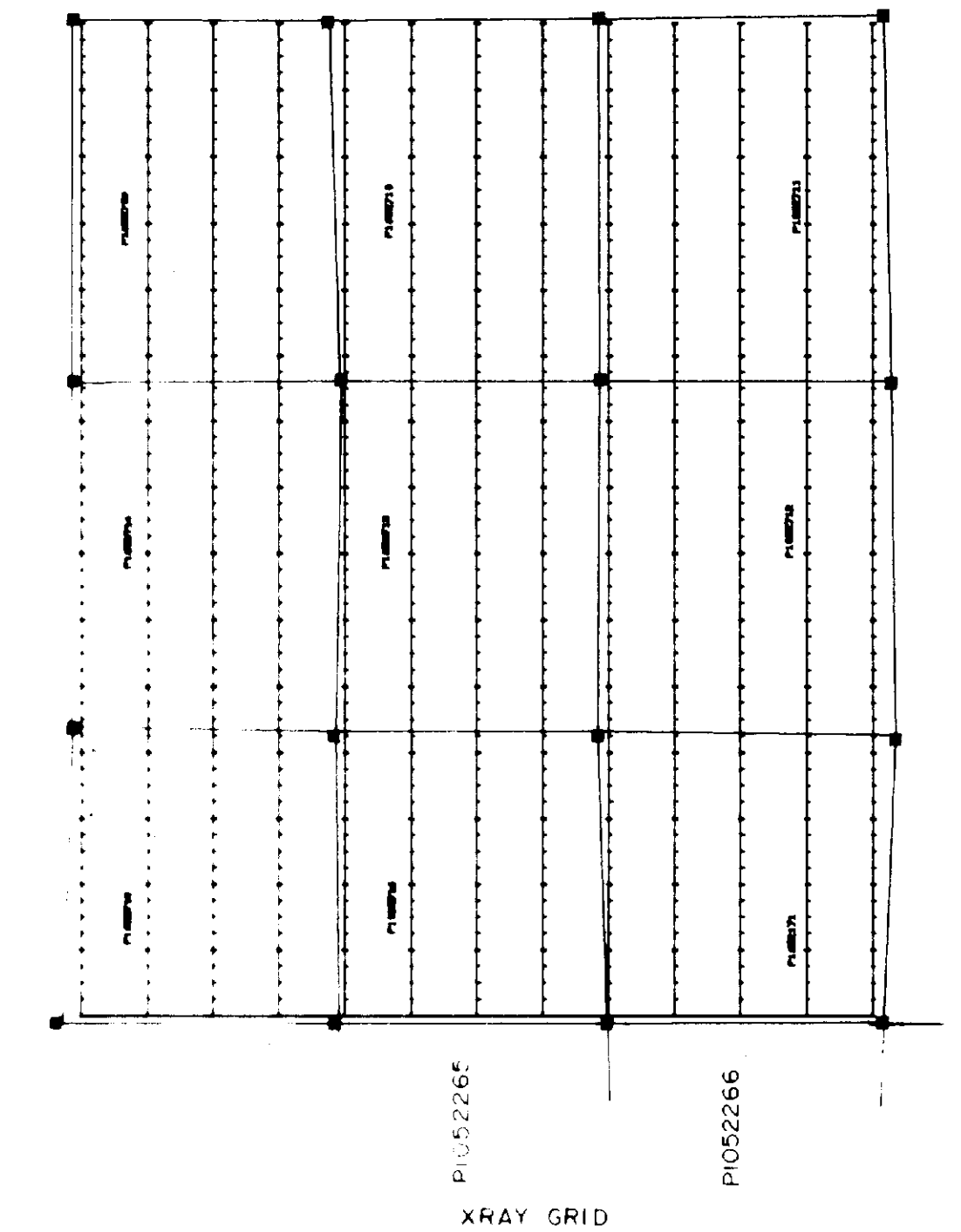
DATE: MAR. 1988 SCALE: 1:2500 N.T.S. 43-B-13

PHANTOM EXPLORATION SERVICES. LTD.

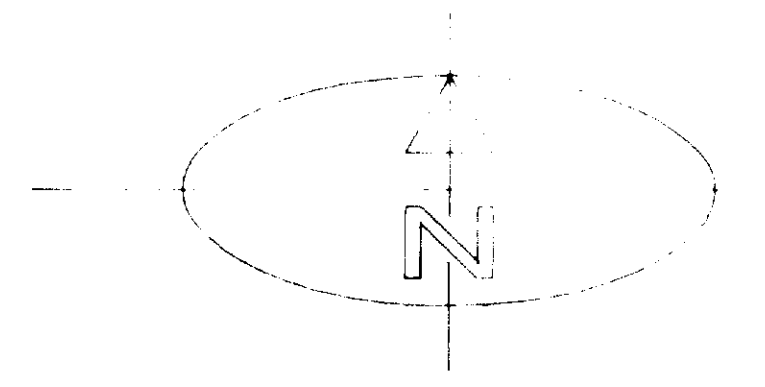


83° 52'

52° 48'



LOCATION MAP SCALE 1:10,000



220

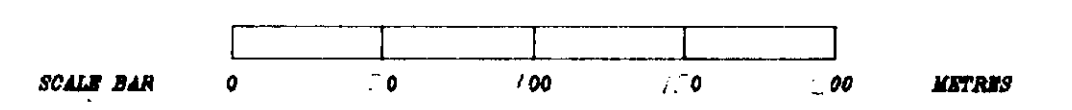
LEGEND

MAGNETOMETER SURVEY
 INSTRUMENT: EDA PPM-375 / OMNI IV
 DATUM 59700 NANOTESLAS
 SENSITIVITY: .01 NANOTESLAS
 CONTOUR INTERVAL: 50 NANOTESLAS
 MAGNETIC LOW:

BASE STATION RECORDER
 INSTRUMENT: EDA PPM-375 / OMNI IV
 RECORDING INTERVAL: 20 SECONDS

TOPOGRAPHY
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BLOCK 43 B/13-09 GRID W
 PROTON MAGNETOMETER
 TOTAL FIELD CONTOURED READINGS



DATE: MAR. 1988 SCALE: 1:2500 N.T.S. 43-B-13
 PHANTOM EXPLORATION SERVICES LTD.